

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046348.D
 Acq On : 28 Jun 2024 11:57
 Operator : MA/JU
 Sample : PB161624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161624BS

Quant Time: Jun 28 12:38:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	71858	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	335507	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	228125	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	489411	20.000	ng	0.00
76) Chrysene-d12	20.997	240	527959	20.000	ng	0.00
86) Perylene-d12	23.668	264	604651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	714517	159.833	ng	0.00
7) Phenol-d6	6.628	99	979350	154.213	ng	0.00
23) Nitrobenzene-d5	8.534	82	672026	83.037	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	408644	147.297	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1390690	82.626	ng	0.00
79) Terphenyl-d14	19.427	244	2596536	81.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	61386	35.615	ng	94
3) Pyridine	3.416	79	162995	33.842	ng	97
4) n-Nitrosodimethylamine	3.334	42	169664	45.481	ng	96
6) Aniline	6.745	93	184746	32.033	ng	99
8) 2-Chlorophenol	6.963	128	257881	51.777	ng	99
9) Benzaldehyde	6.551	77	192473	Below Cal		98
10) Phenol	6.657	94	340973	54.256	ng	100
11) bis(2-Chloroethyl)ether	6.834	93	231141	45.292	ng	98
12) 1,3-Dichlorobenzene	7.257	146	239554	43.383	ng	98
13) 1,4-Dichlorobenzene	7.404	146	243886	42.923	ng	99
14) 1,2-Dichlorobenzene	7.716	146	240403	42.913	ng	98
15) Benzyl Alcohol	7.651	79	261948	50.175	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.898	45	411148	47.339	ng	97
17) 2-Methylphenol	7.869	107	226616	51.711	ng	98
18) Hexachloroethane	8.422	117	107783	42.109	ng	98
19) n-Nitroso-di-n-propyla...	8.198	70	229256	47.551	ng	98
20) 3+4-Methylphenols	8.204	107	326337	51.347	ng	98
22) Acetophenone	8.204	105	412503	44.017	ng	# 96
24) Nitrobenzene	8.575	77	342511	43.082	ng	97
25) Isophorone	9.104	82	615737	44.866	ng	100
26) 2-Nitrophenol	9.275	139	136128	47.841	ng	97
27) 2,4-Dimethylphenol	9.375	122	198037	55.513	ng	99
28) bis(2-Chloroethoxy)met...	9.581	93	341256	45.007	ng	99
29) 2,4-Dichlorophenol	9.822	162	250047	51.902	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	231976	42.524	ng	99
31) Naphthalene	10.175	128	800610	43.543	ng	99
32) Benzoic acid	9.610	122	199383	46.424	ng	95
33) 4-Chloroaniline	10.351	127	171925	26.693	ng	97
34) Hexachlorobutadiene	10.463	225	135743	40.361	ng	98
35) Caprolactam	11.169	113	35543	20.141	ng	97
36) 4-Chloro-3-methylphenol	11.492	107	304011	50.717	ng	97
37) 2-Methylnaphthalene	11.798	142	564000	45.483	ng	98
38) 1-Methylnaphthalene	12.027	142	526202	42.917	ng	99
40) 1,2,4,5-Tetrachloroben...	12.180	216	265425	43.613	ng	98
41) Hexachlorocyclopentadiene	12.157	237	268051	112.395	ng	98
43) 2,4,6-Trichlorophenol	12.451	196	196704	48.662	ng	98

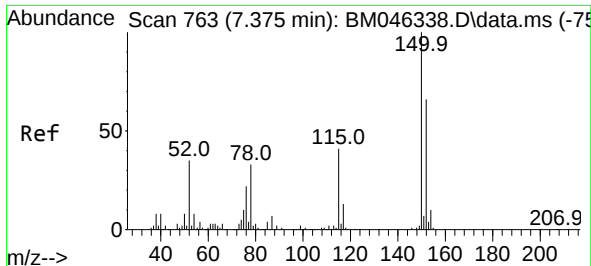
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 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.545	196	221260	47.503	ng	98
46) 1,1'-Biphenyl	12.845	154	756726	44.308	ng	99
47) 2-Chloronaphthalene	12.874	162	578319	43.624	ng	99
48) 2-Nitroaniline	13.133	65	263685	50.101	ng	99
49) Acenaphthylene	13.739	152	1019596	49.887	ng	99
50) Dimethylphthalate	13.522	163	789556	47.346	ng	100
51) 2,6-Dinitrotoluene	13.627	165	171681	46.229	ng	97
52) Acenaphthene	14.086	154	561990	44.238	ng	100
53) 3-Nitroaniline	13.980	138	133746	35.645	ng	97
54) 2,4-Dinitrophenol	14.180	184	217125	97.834	ng	95
55) Dibenzofuran	14.427	168	943124	46.331	ng	99
56) 4-Nitrophenol	14.345	139	325829	103.682	ng	94
57) 2,4-Dinitrotoluene	14.433	165	255905	47.616	ng	98
58) Fluorene	15.074	166	799333	45.907	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	195697	49.849	ng	99
60) Diethylphthalate	14.892	149	868433	47.339	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	369453	45.584	ng	98
62) 4-Nitroaniline	15.163	138	177796	48.285	ng	97
63) Azobenzene	15.374	77	1047970	47.938	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	137136	44.347	ng	96
66) n-Nitrosodiphenylamine	15.310	169	654337	46.030	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	220872	44.199	ng	97
68) Hexachlorobenzene	16.080	284	256144	43.414	ng	98
69) Atrazine	16.286	200	214020	54.466	ng	99
70) Pentachlorophenol	16.445	266	379487	102.261	ng	98
71) Phenanthrene	16.815	178	1223909	46.995	ng	99
72) Anthracene	16.910	178	1217303	48.053	ng	100
73) Carbazole	17.204	167	1198810	48.061	ng	99
74) Di-n-butylphthalate	17.768	149	1571813	46.901	ng	100
75) Fluoranthene	18.845	202	1466339	47.648	ng	99
77) Benzidine	19.068	184	246753	45.045	ng	99
78) Pyrene	19.209	202	1539463	41.978	ng	100
80) Butylbenzylphthalate	20.139	149	810190	46.954	ng	99
81) Benzo(a)anthracene	20.980	228	1636781	47.260	ng	99
82) 3,3'-Dichlorobenzidine	20.927	252	472647	42.546	ng	97
83) Chrysene	21.039	228	1570921	47.427	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	1274546	43.482	ng	99
85) Di-n-octyl phthalate	21.939	149	2165093	49.634	ng	100
87) Indeno(1,2,3-cd)pyrene	26.627	276	2064422	53.233	ng	100
88) Benzo(b)fluoranthene	22.839	252	1762076	49.201	ng	100
89) Benzo(k)fluoranthene	22.891	252	1807808	50.744	ng	99
90) Benzo(a)pyrene	23.544	252	1659540	52.757	ng	99
91) Dibenzo(a,h)anthracene	26.668	278	1720035	53.118	ng	99
92) Benzo(g,h,i)perylene	27.538	276	1596722	49.783	ng	99

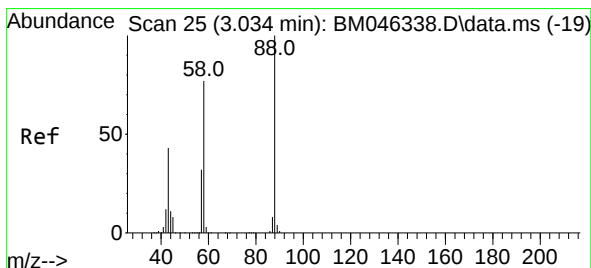
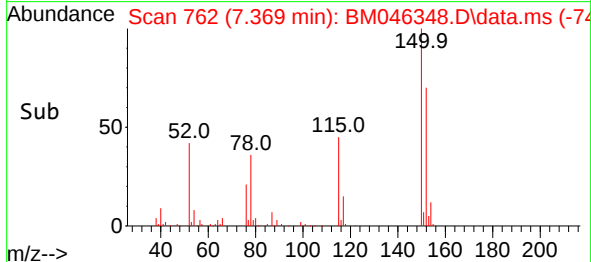
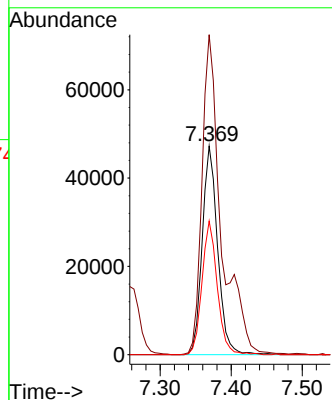
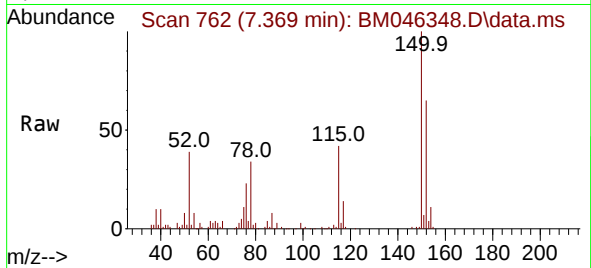
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.369 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

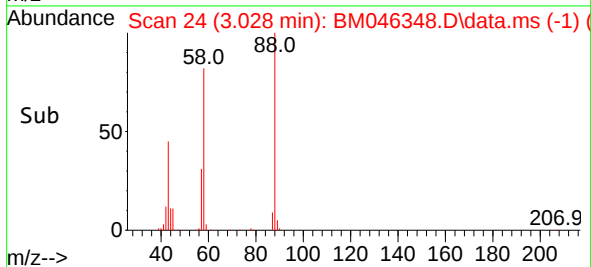
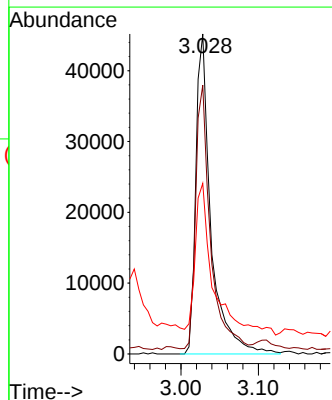
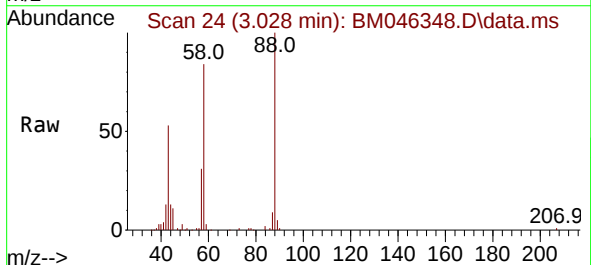
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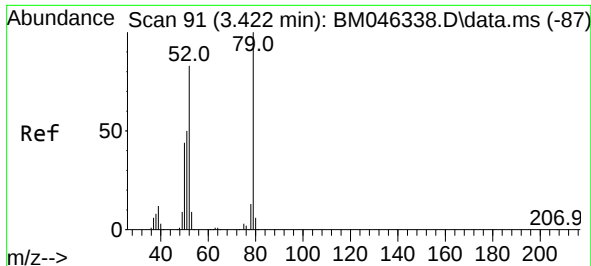
Tgt Ion:152 Resp: 71858
 Ion Ratio Lower Upper
 152 100
 150 153.3 122.1 183.1
 115 64.0 50.2 75.4



#2
 1,4-Dioxane
 Concen: 35.615 ng
 RT: 3.028 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

Tgt Ion: 88 Resp: 61386
 Ion Ratio Lower Upper
 88 100
 58 79.5 65.2 97.8
 43 56.5 38.4 57.6

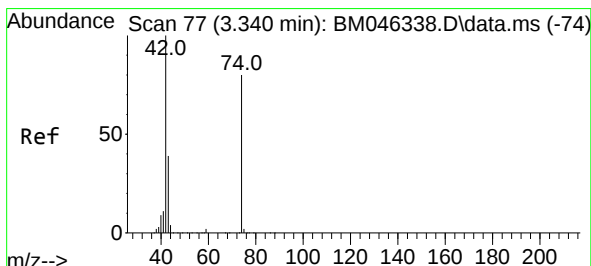
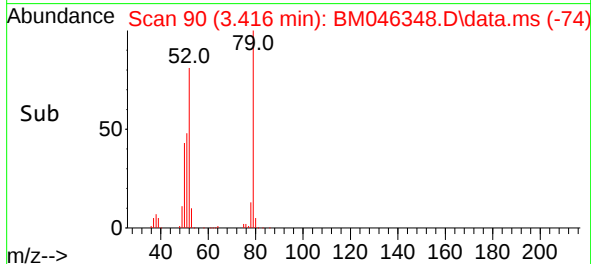
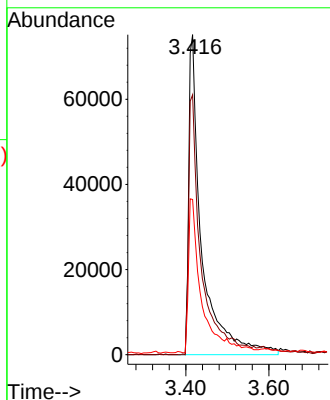
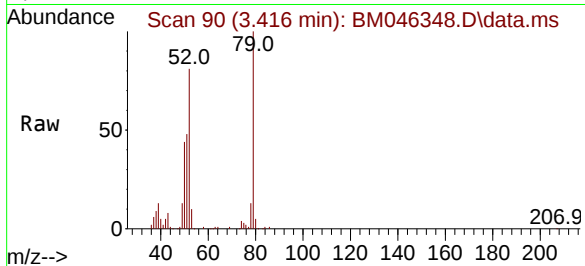




#3
Pyridine
Concen: 33.842 ng
RT: 3.416 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

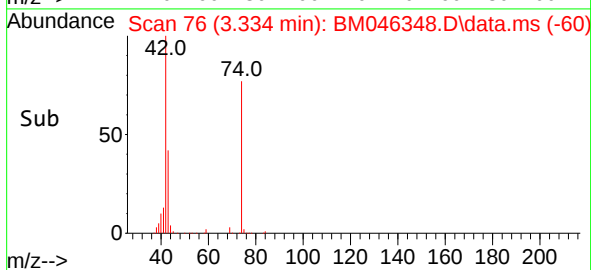
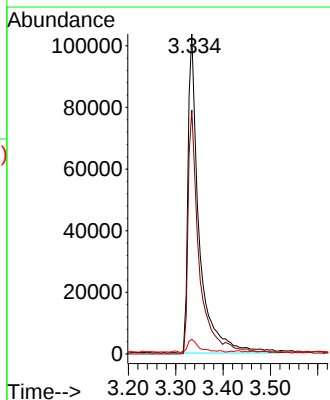
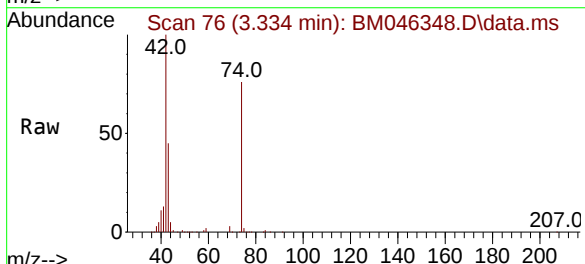
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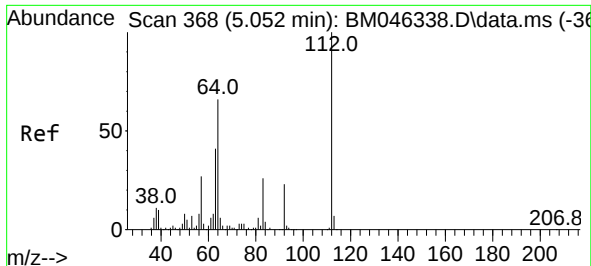
Tgt Ion: 79 Resp: 162995
Ion Ratio Lower Upper
79 100
52 81.2 66.4 99.6
51 48.5 40.8 61.2



#4
n-Nitrosodimethylamine
Concen: 45.481 ng
RT: 3.334 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 42 Resp: 169664
Ion Ratio Lower Upper
42 100
74 76.2 63.6 95.4
44 4.6 3.8 5.6

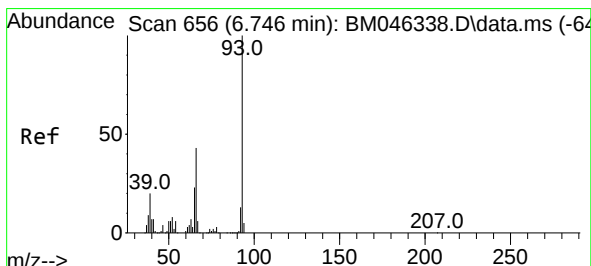
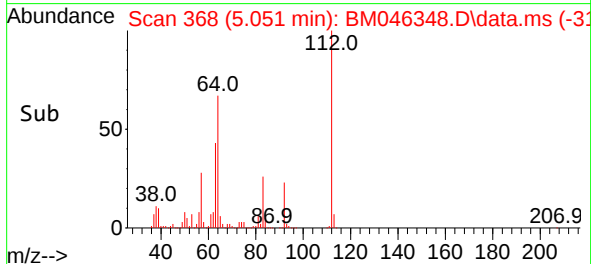
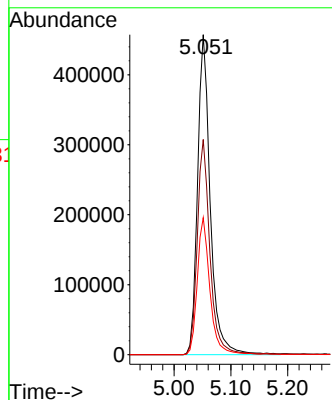
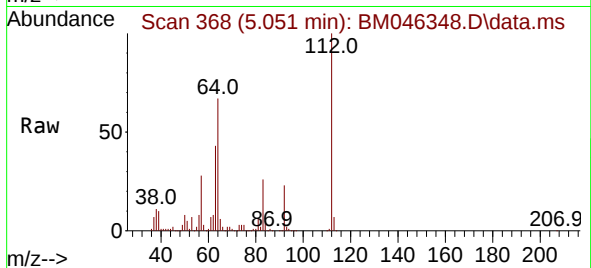




#5
2-Fluorophenol
Concen: 159.833 ng
RT: 5.051 min Scan# 368
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

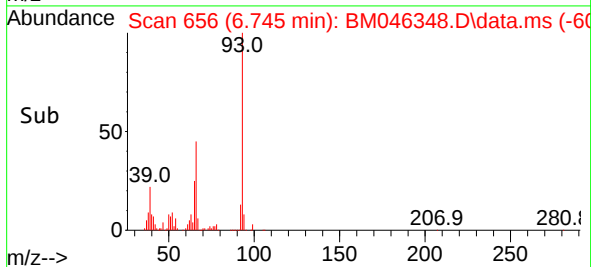
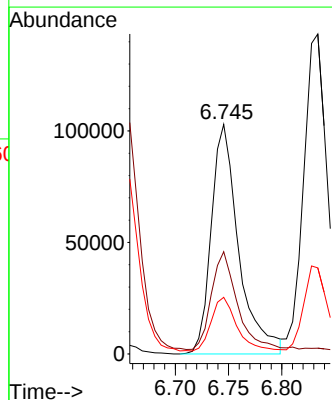
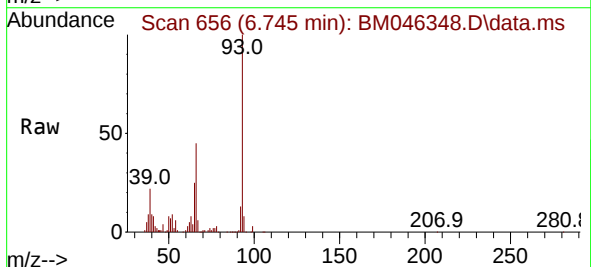
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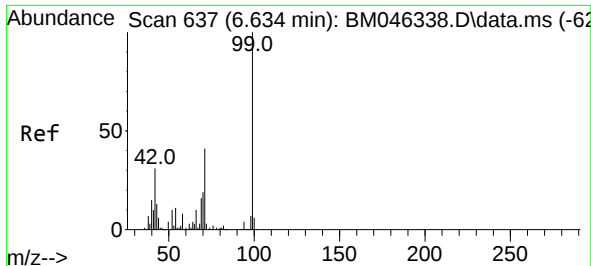
Tgt Ion:112 Resp: 714517
Ion Ratio Lower Upper
112 100
64 67.3 52.8 79.2
63 42.8 32.9 49.3



#6
Aniline
Concen: 32.033 ng
RT: 6.745 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 93 Resp: 184746
Ion Ratio Lower Upper
93 100
66 44.5 35.5 53.3
65 24.7 19.3 28.9

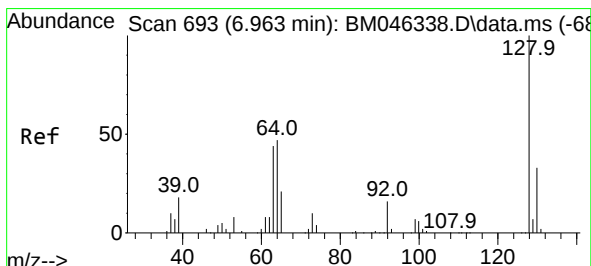
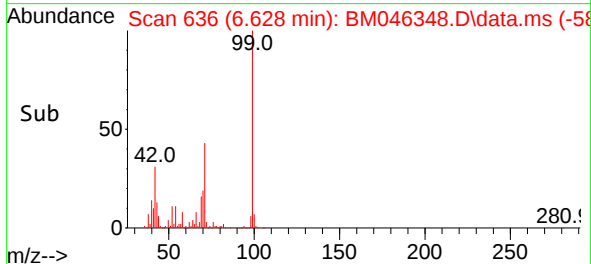
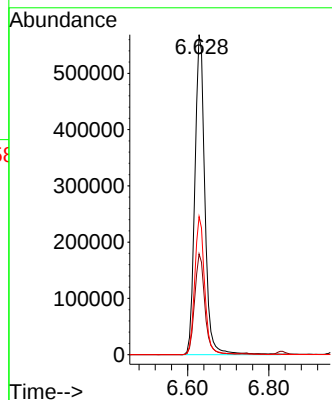
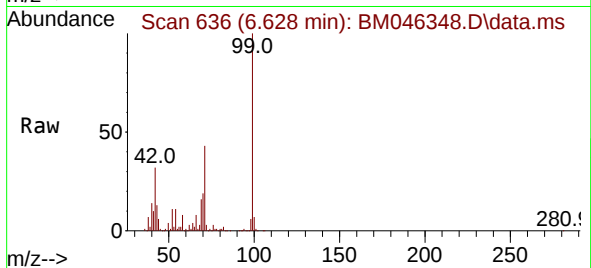




#7
Phenol-d6
Concen: 154.213 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

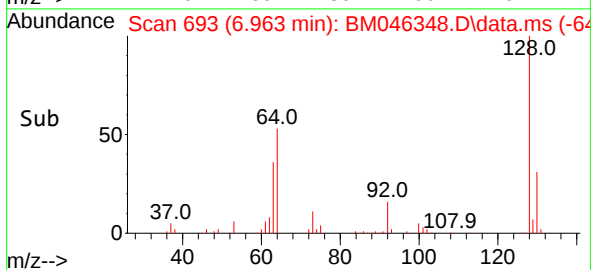
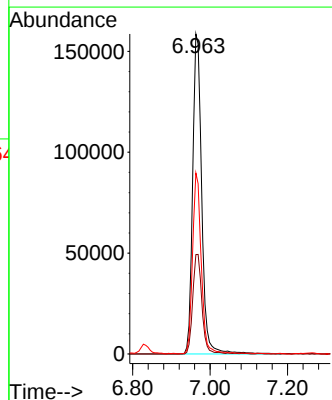
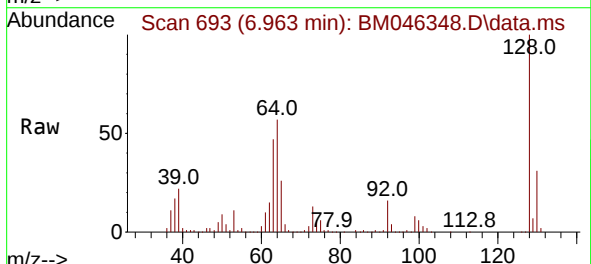
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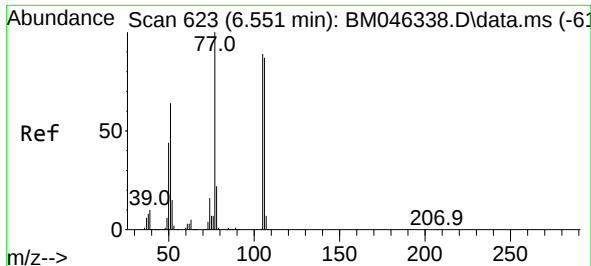
Tgt Ion: 99 Resp: 979350
Ion Ratio Lower Upper
99 100
42 31.5 24.8 37.2
71 43.1 33.1 49.7



#8
2-Chlorophenol
Concen: 51.777 ng
RT: 6.963 min Scan# 693
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 128 Resp: 257881
Ion Ratio Lower Upper
128 100
130 31.1 13.0 53.0
64 56.5 36.5 76.5

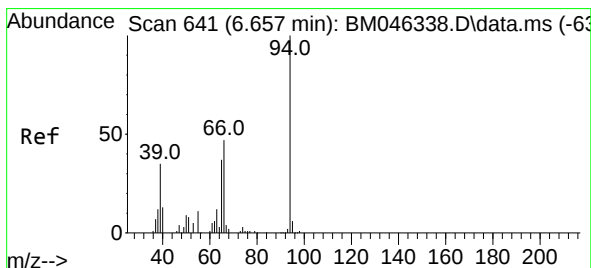
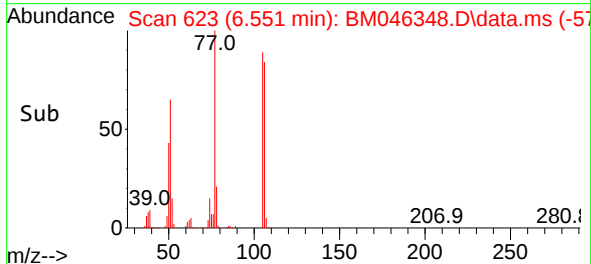
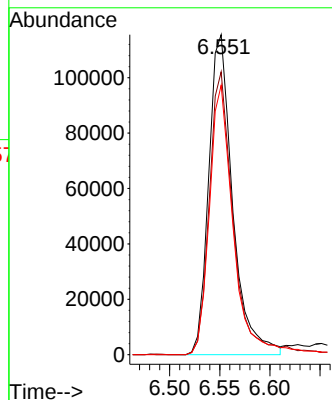
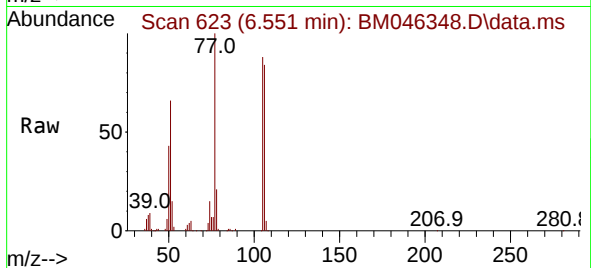




#9
Benzaldehyde
Concen: Below Cal
RT: 6.551 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

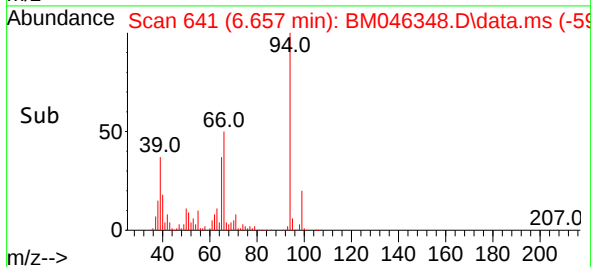
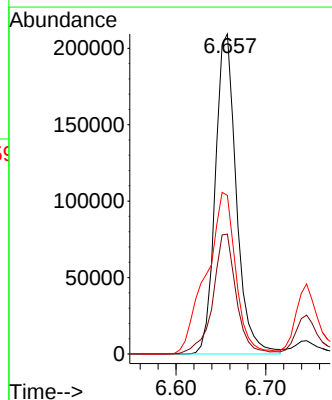
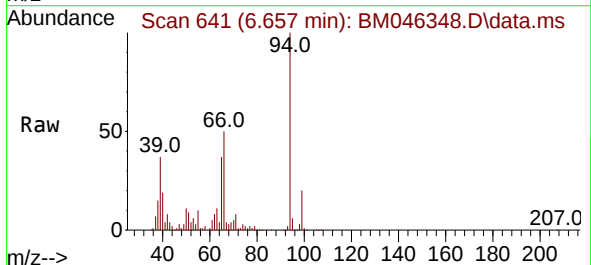
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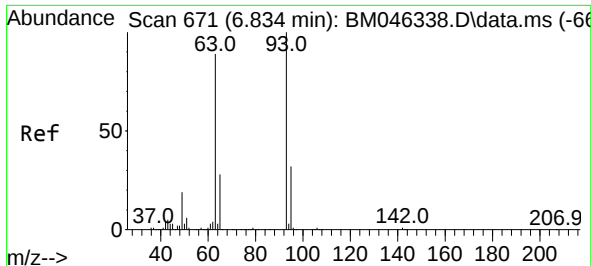
Tgt Ion: 77 Resp: 192473
Ion Ratio Lower Upper
77 100
105 88.4 69.2 109.2
106 84.2 66.9 106.9



#10
Phenol
Concen: 54.256 ng
RT: 6.657 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 94 Resp: 340973
Ion Ratio Lower Upper
94 100
65 37.5 17.6 57.6
66 49.5 29.9 69.9

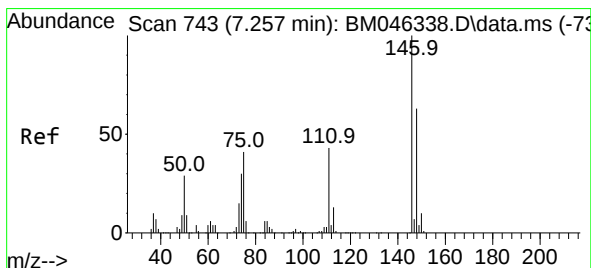
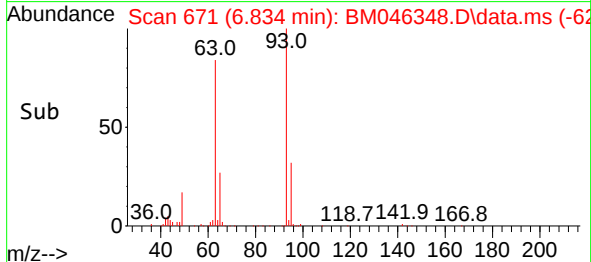
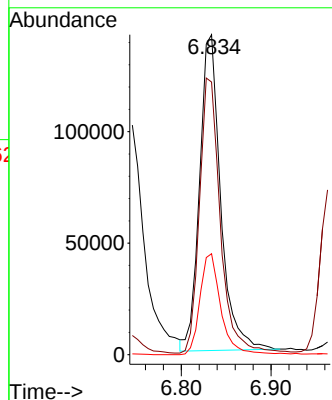
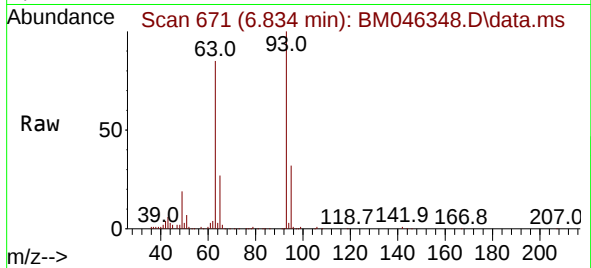




#11
bis(2-Chloroethyl)ether
Concen: 45.292 ng
RT: 6.834 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

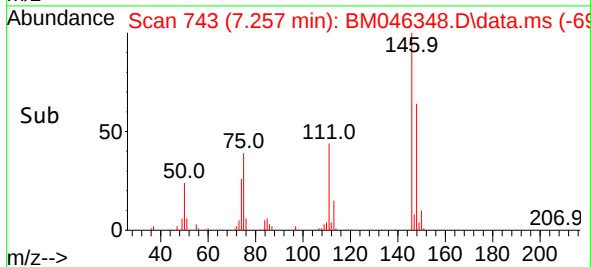
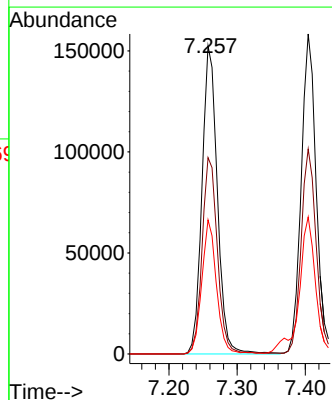
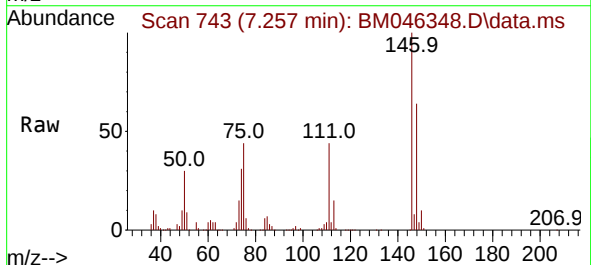
Instrument :
BNA_M
ClientSampleId :
PB161624BS

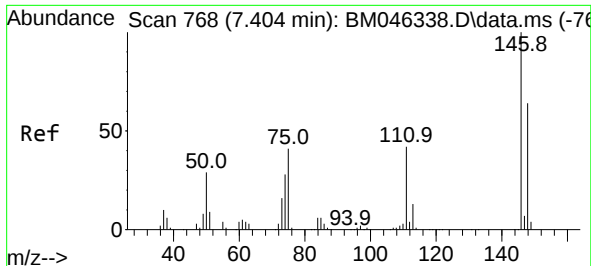
Tgt Ion: 93 Resp: 231141
Ion Ratio Lower Upper
93 100
63 85.2 67.2 107.2
95 31.6 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 43.383 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:146 Resp: 239554
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 43.5 32.6 49.0

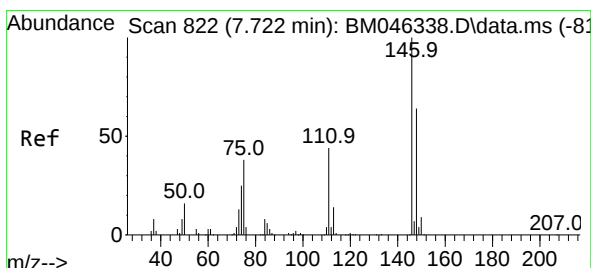
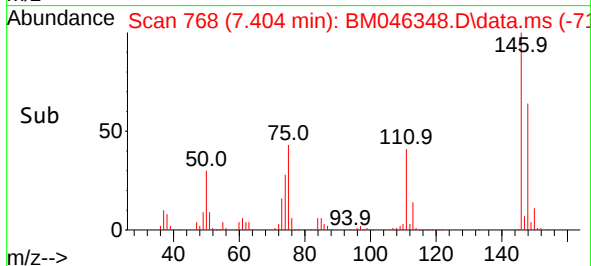
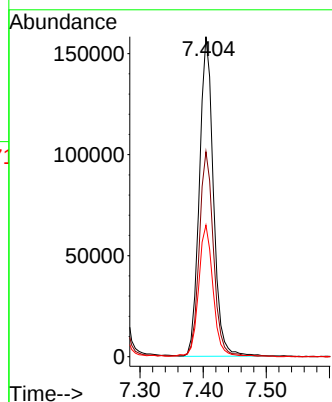
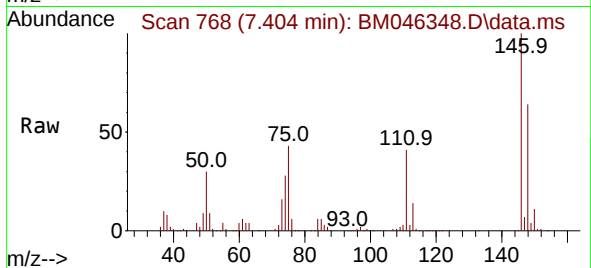




#13
1,4-Dichlorobenzene
Concen: 42.923 ng
RT: 7.404 min Scan# 768
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

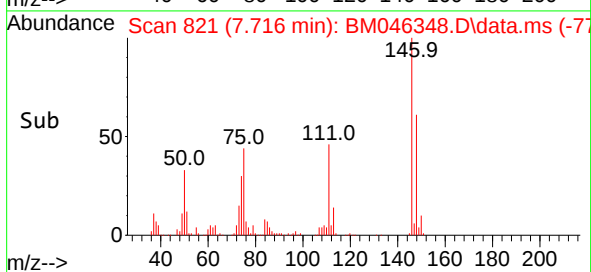
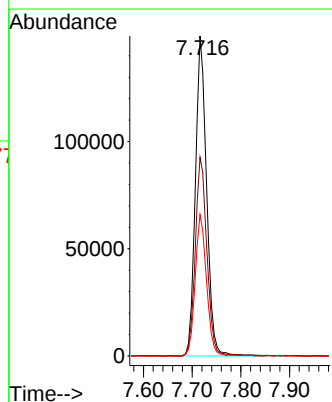
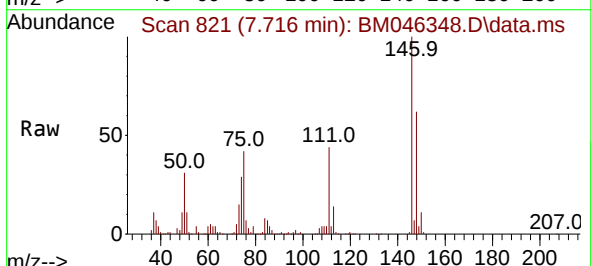
Instrument :
BNA_M
ClientSampleId :
PB161624BS

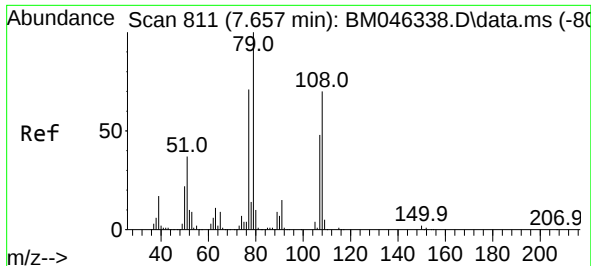
Tgt Ion:146 Resp: 243886
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 41.1 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 42.913 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:146 Resp: 240403
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
111 44.2 35.4 53.2

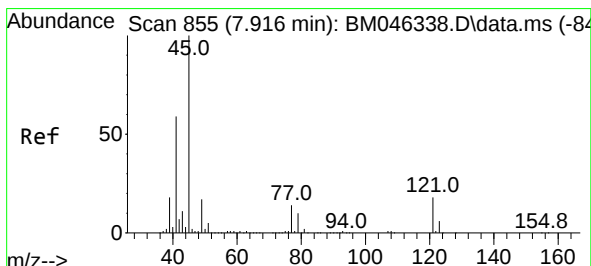
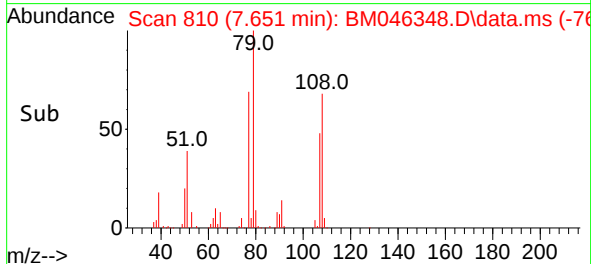
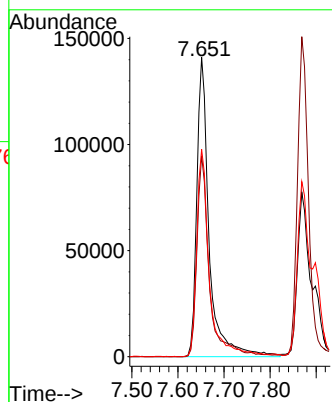
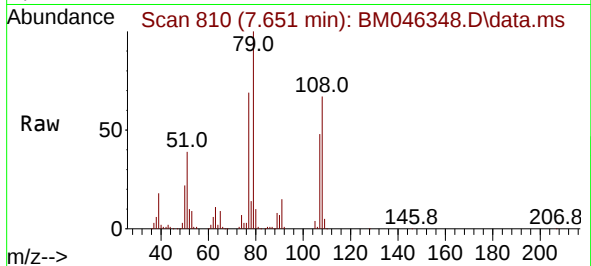




#15
Benzyl Alcohol
Concen: 50.175 ng
RT: 7.651 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

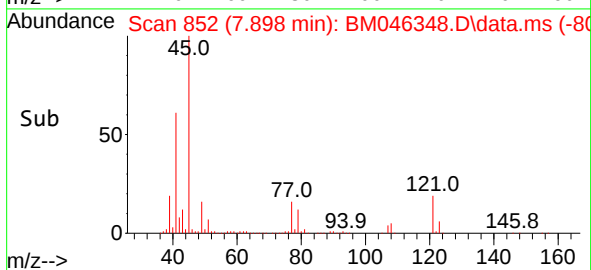
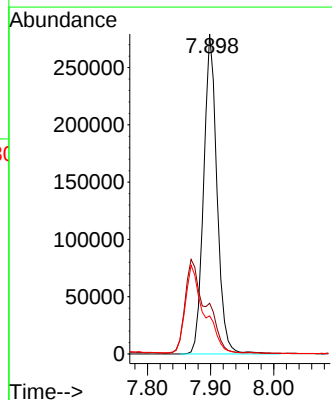
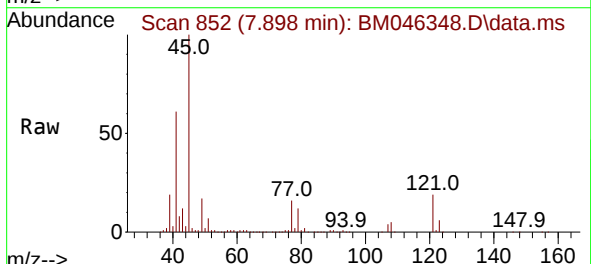
Instrument :
BNA_M
ClientSampleId :
PB161624BS

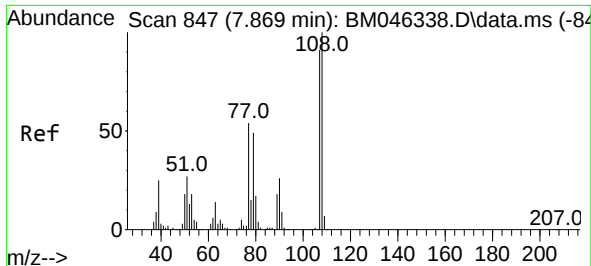
Tgt Ion: 79 Resp: 261948
Ion Ratio Lower Upper
79 100
108 67.1 56.1 84.1
77 69.3 56.9 85.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.339 ng
RT: 7.898 min Scan# 852
Delta R.T. -0.018 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 45 Resp: 411148
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.3
79 11.9 0.0 30.8

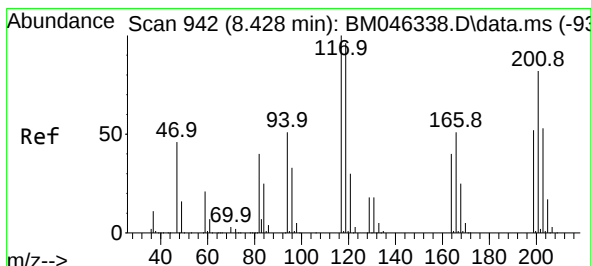
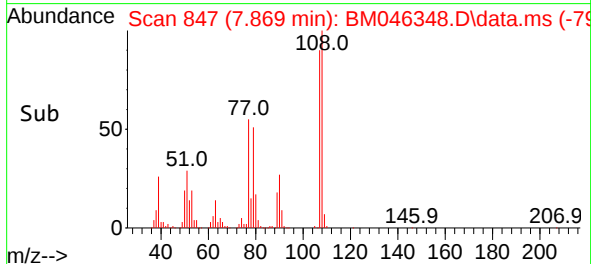
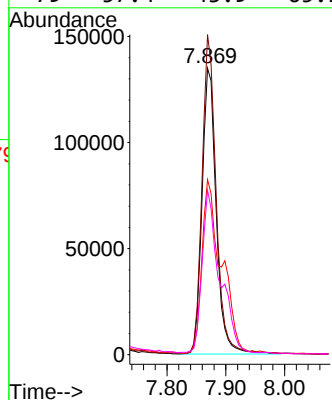
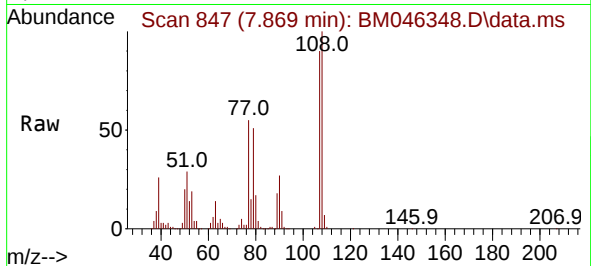




#17
2-Methylphenol
Concen: 51.711 ng
RT: 7.869 min Scan# 847
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

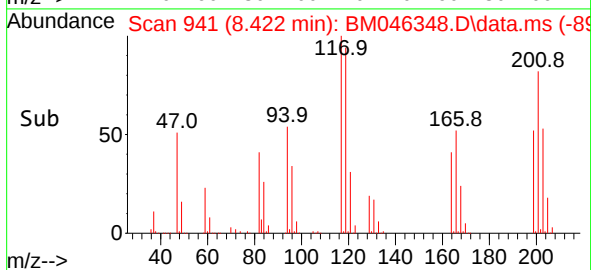
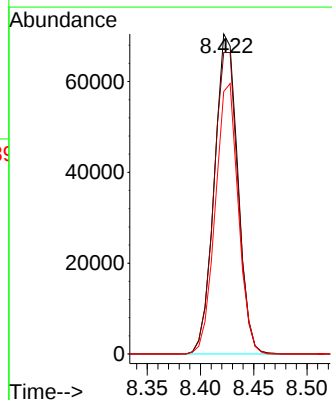
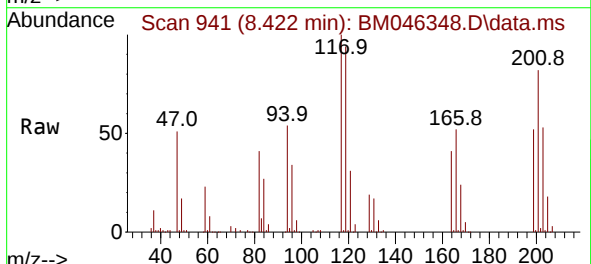
Instrument :
BNA_M
ClientSampleId :
PB161624BS

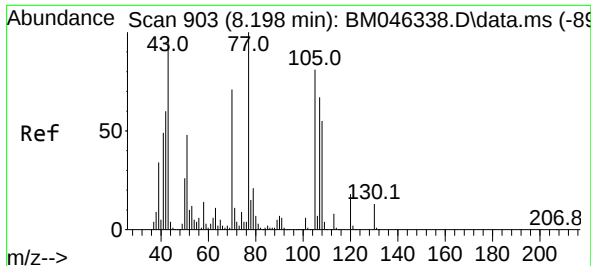
Tgt Ion:	107	Resp:	226616
Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.1	132.1
77	61.1	47.5	71.3
79	57.4	43.9	65.9



#18
Hexachloroethane
Concen: 42.109 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:	117	Resp:	107783
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.9	115.3
201	82.0	67.2	100.8



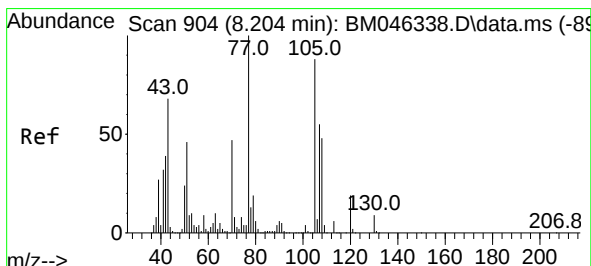
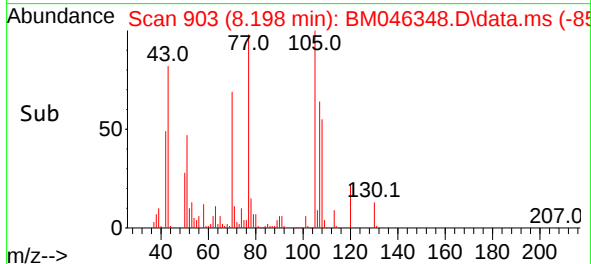
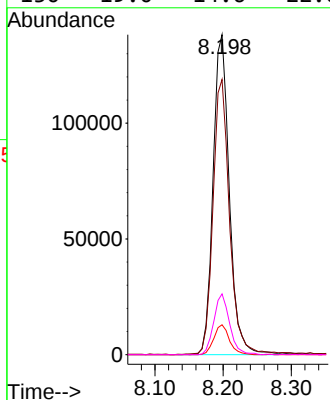
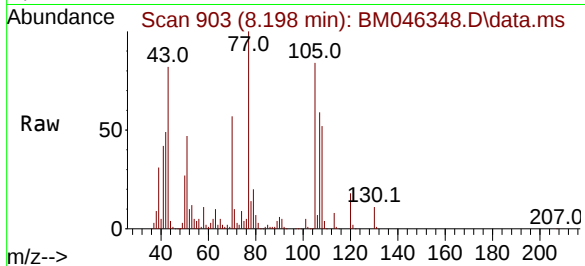


#19
n-Nitroso-di-n-propylamine
Concen: 47.551 ng
RT: 8.198 min Scan# 903
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Instrument :
BNA_M
ClientSampleId :
PB161624BS

Tgt Ion: 70 Resp: 229256

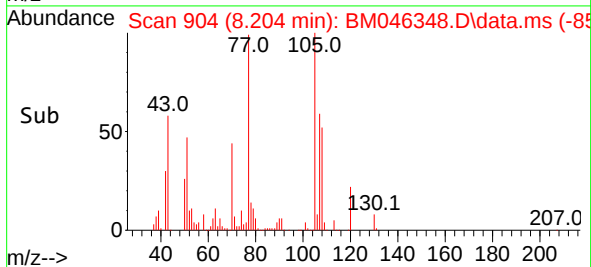
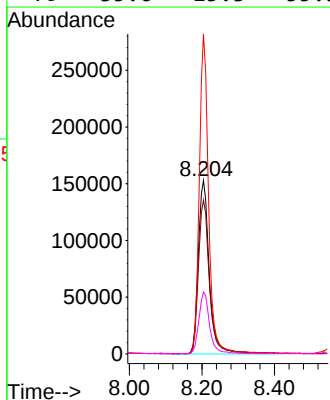
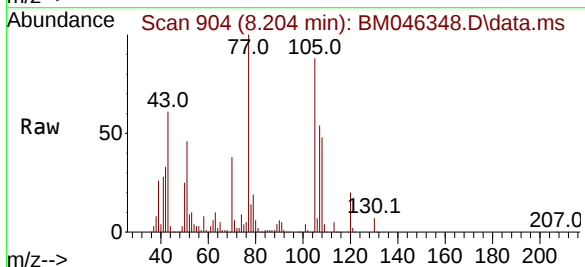
Ion	Ratio	Lower	Upper
70	100		
42	86.0	67.0	100.6
101	9.4	7.3	10.9
130	19.0	14.6	22.0

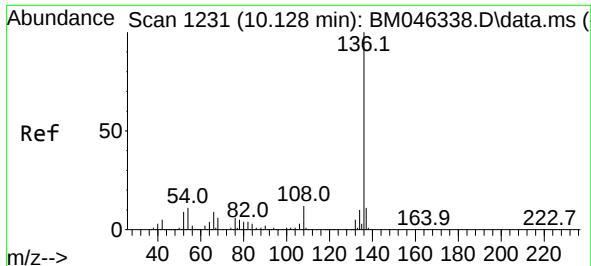


#20
3+4-Methylphenols
Concen: 51.347 ng
RT: 8.204 min Scan# 904
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 107 Resp: 326337

Ion	Ratio	Lower	Upper
107	100		
108	88.7	67.7	107.7
77	184.4	161.4	201.4
79	35.6	15.3	55.3

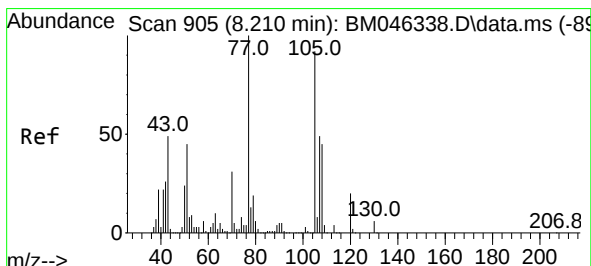
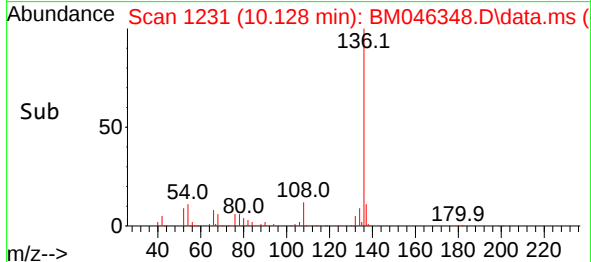
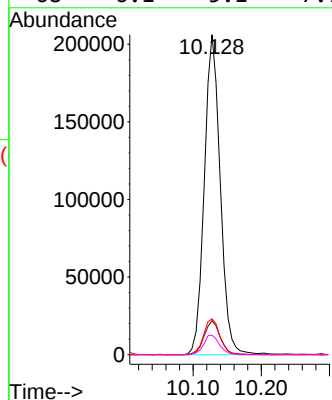
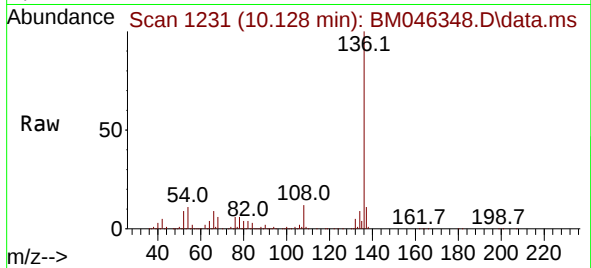




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

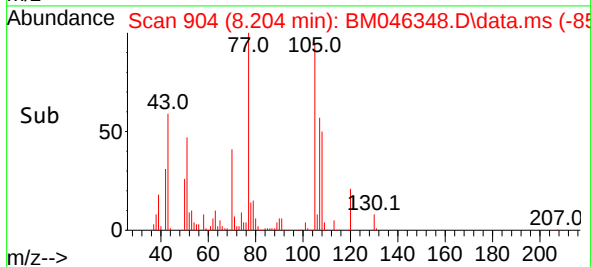
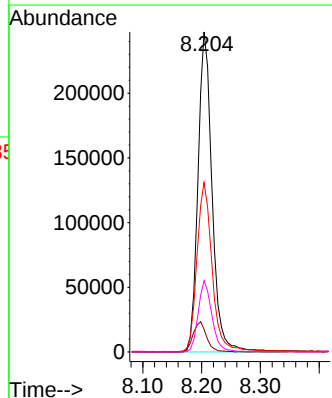
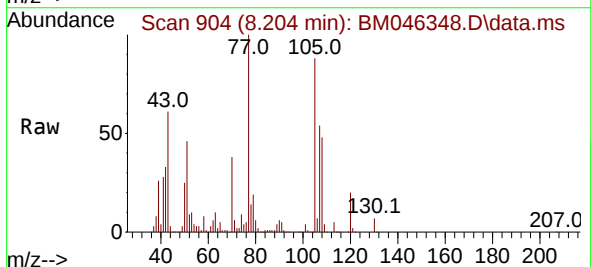
Instrument :
BNA_M
ClientSampleId :
PB161624BS

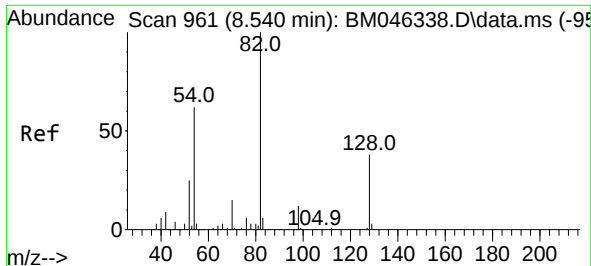
Tgt Ion:	136	Resp:	335507
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	11.2	9.0	13.4
68	6.1	5.1	7.7



#22
Acetophenone
Concen: 44.017 ng
RT: 8.204 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:	105	Resp:	412503
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.2	6.2#
51	53.0	39.4	59.0
120	22.3	17.4	26.2

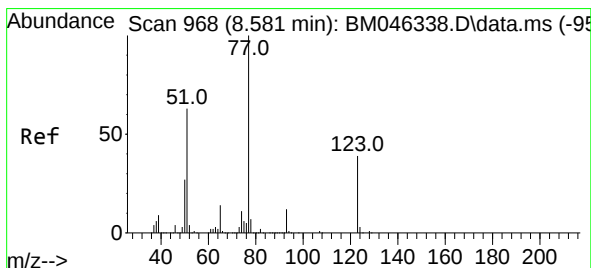
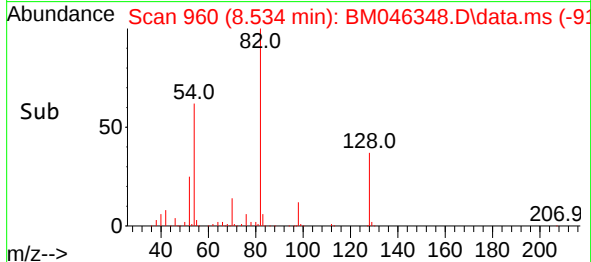
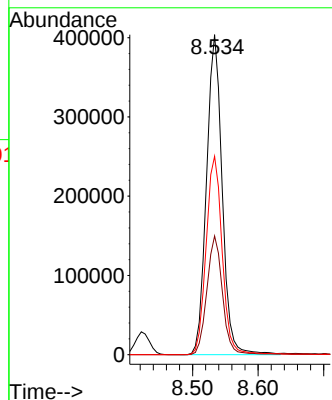
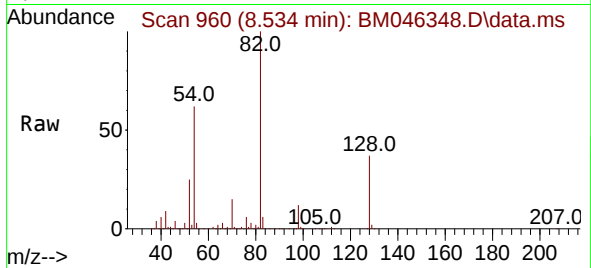




#23
Nitrobenzene-d5
Concen: 83.037 ng
RT: 8.534 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

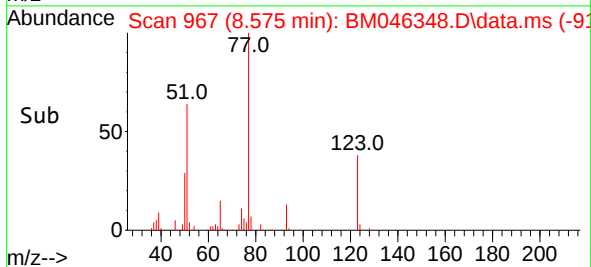
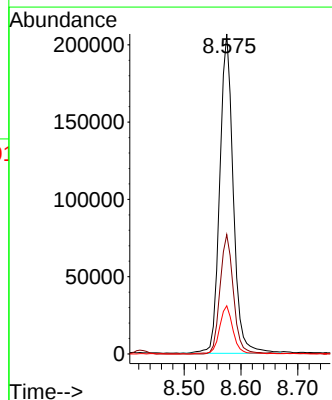
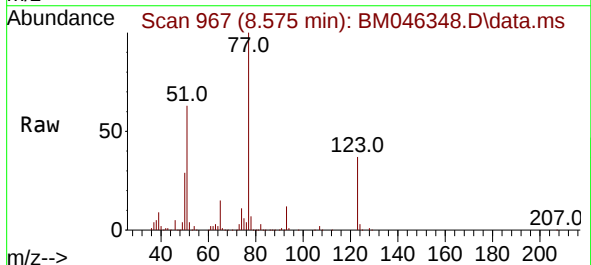
Instrument :
BNA_M
ClientSampleId :
PB161624BS

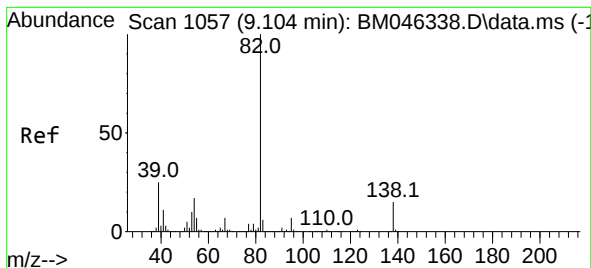
Tgt Ion: 82 Resp: 672026
Ion Ratio Lower Upper
82 100
128 37.1 30.6 46.0
54 62.0 49.6 74.4



#24
Nitrobenzene
Concen: 43.082 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 77 Resp: 342511
Ion Ratio Lower Upper
77 100
123 37.3 31.4 47.0
65 15.0 11.5 17.3





#25

Isophorone

Concen: 44.866 ng

RT: 9.104 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

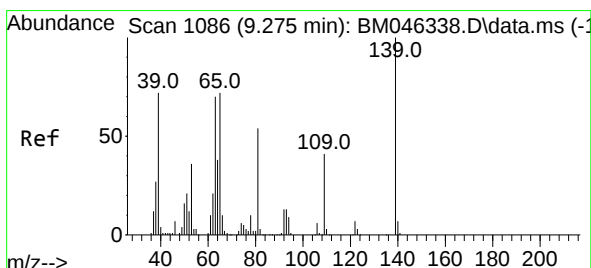
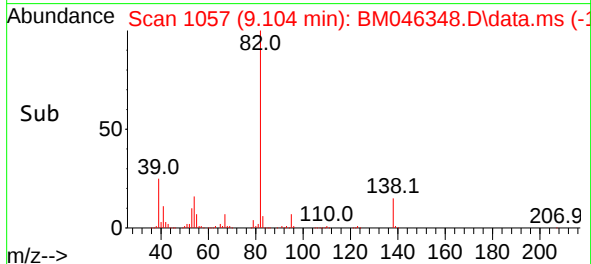
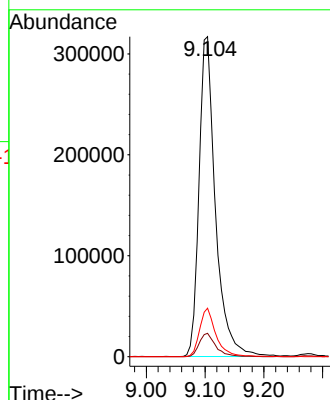
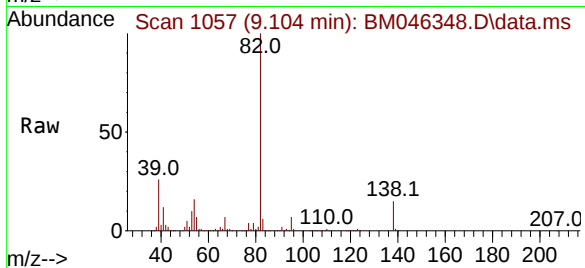
Tgt Ion: 82 Resp: 615737

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 15.2 12.2 18.2



#26

2-Nitrophenol

Concen: 47.841 ng

RT: 9.275 min Scan# 1086

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

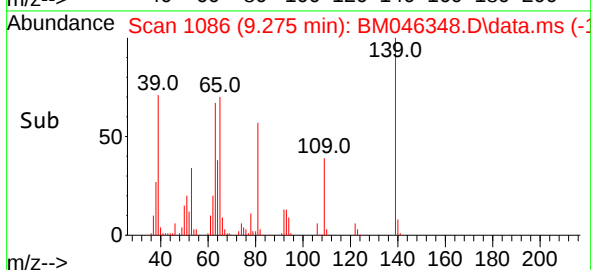
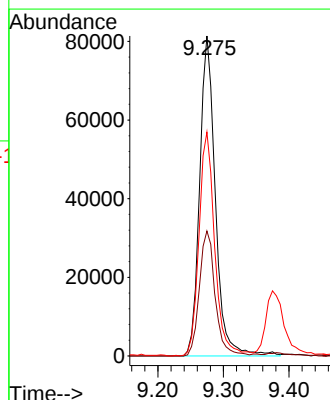
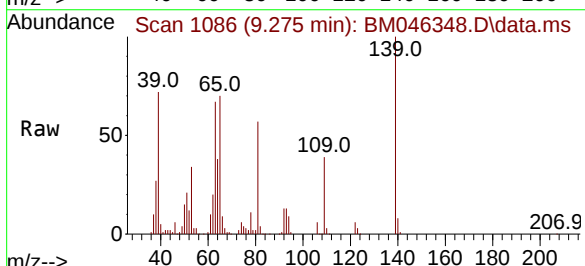
Tgt Ion: 139 Resp: 136128

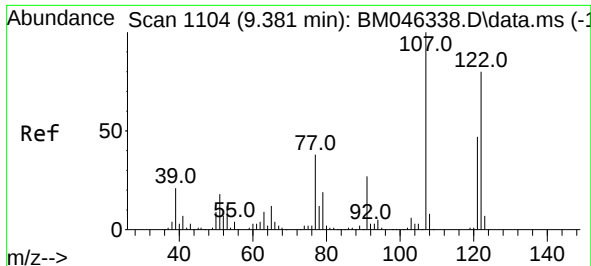
Ion Ratio Lower Upper

139 100

109 39.0 32.9 49.3

65 69.9 57.4 86.2





#27

2,4-Dimethylphenol

Concen: 55.513 ng

RT: 9.375 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

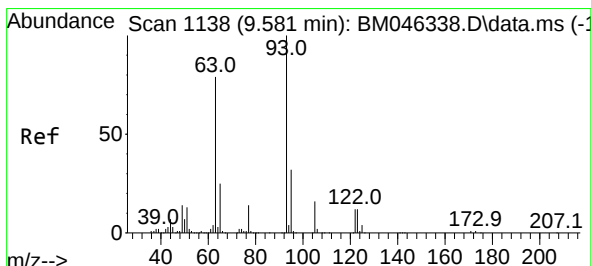
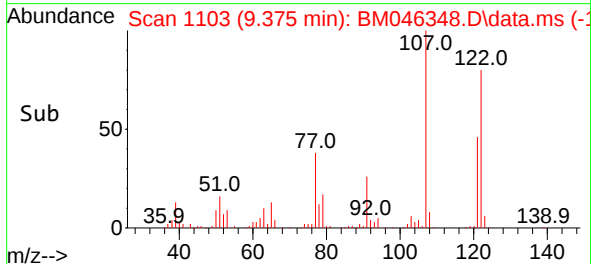
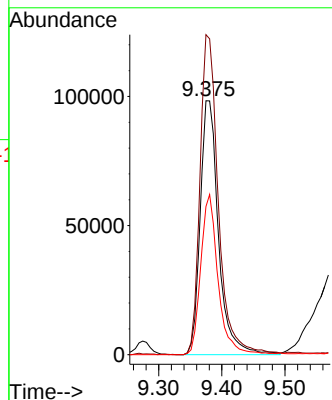
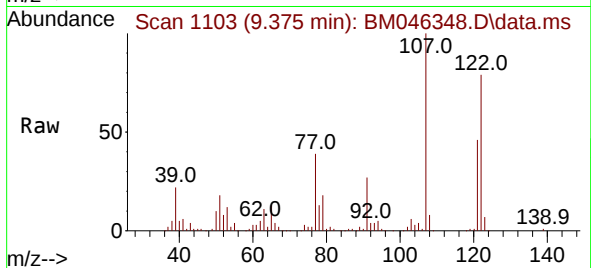
Tgt Ion:122 Resp: 198037

Ion Ratio Lower Upper

122 100

107 126.0 99.5 149.3

121 58.3 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.007 ng

RT: 9.581 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

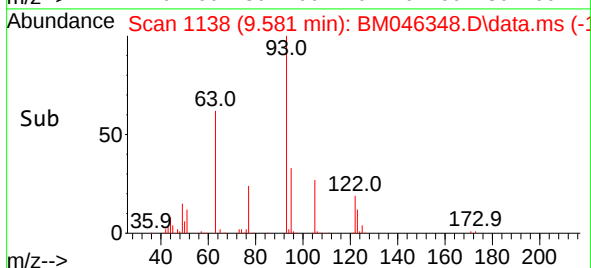
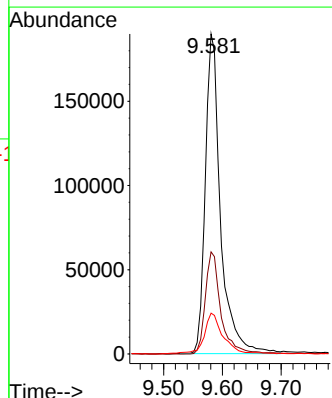
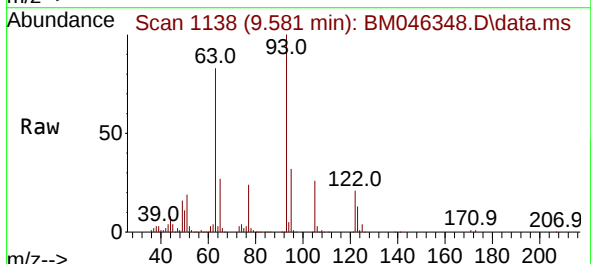
Tgt Ion: 93 Resp: 341256

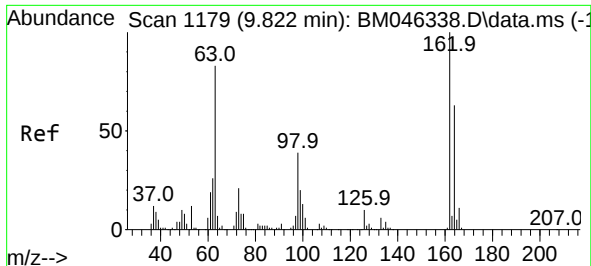
Ion Ratio Lower Upper

93 100

95 31.9 25.6 38.4

123 12.7 9.5 14.3

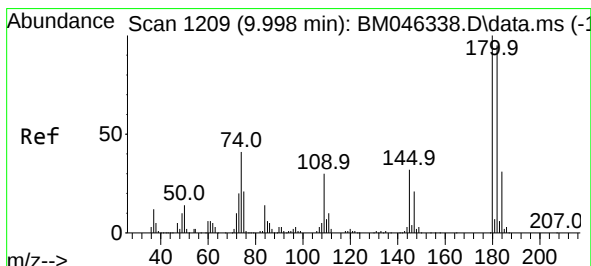
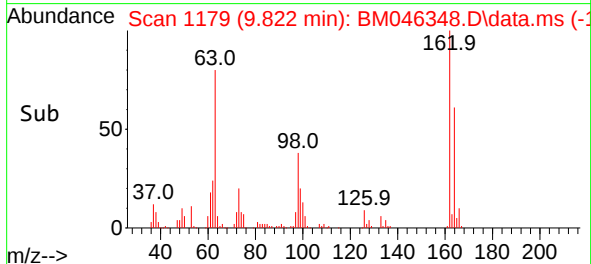
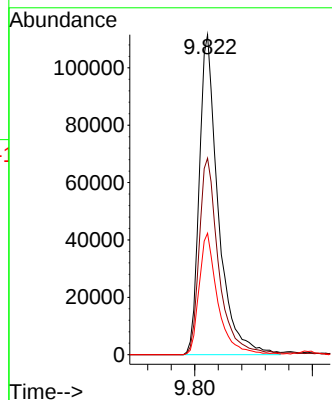
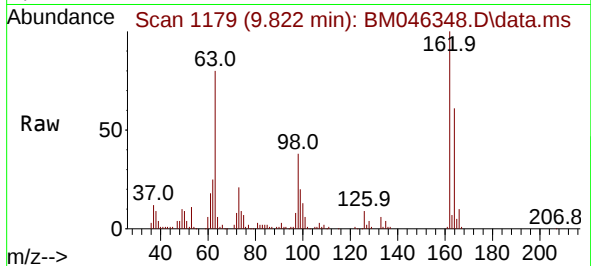




#29
2,4-Dichlorophenol
Concen: 51.902 ng
RT: 9.822 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

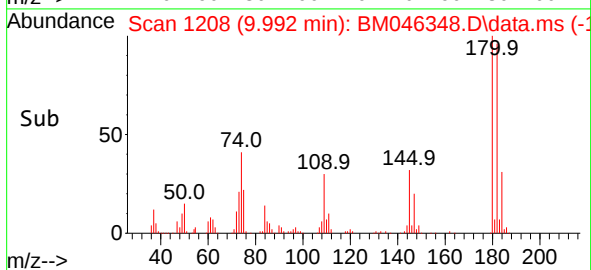
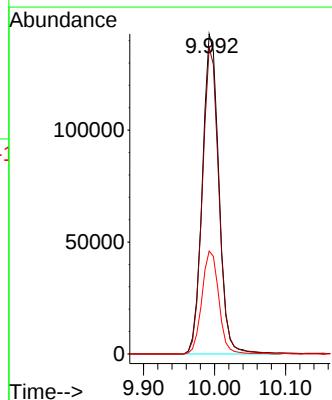
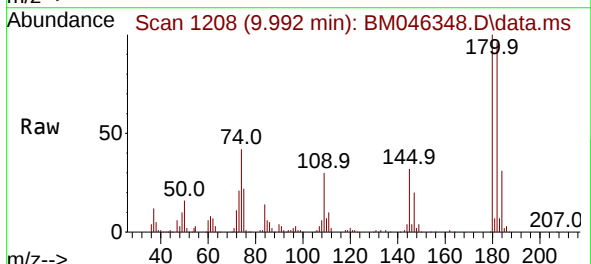
Instrument :
BNA_M
ClientSampleId :
PB161624BS

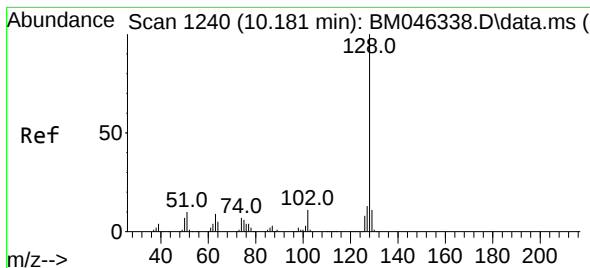
Tgt Ion:162 Resp: 250047
Ion Ratio Lower Upper
162 100
164 61.4 42.7 82.7
98 38.0 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 42.524 ng
RT: 9.992 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:180 Resp: 231976
Ion Ratio Lower Upper
180 100
182 95.7 75.6 113.4
145 32.1 26.0 39.0

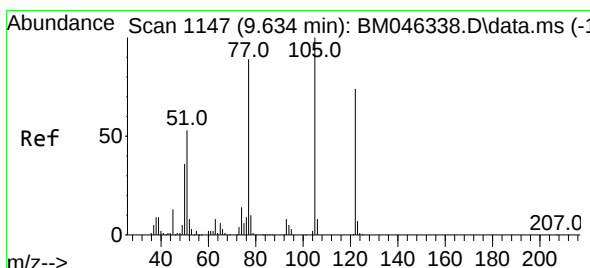
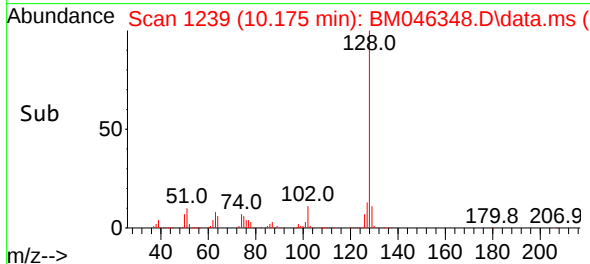
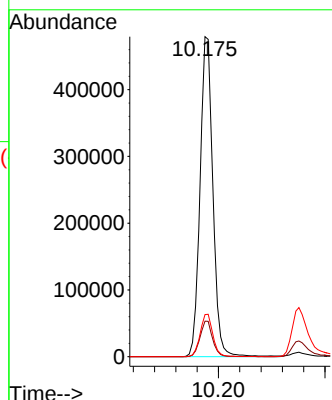
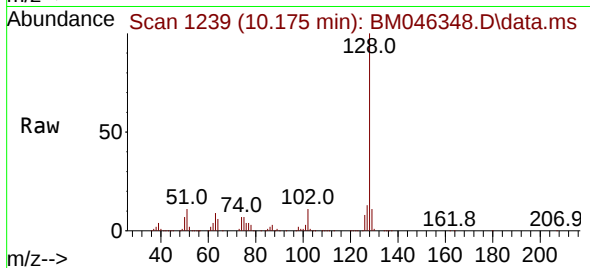




#31
Naphthalene
Concen: 43.543 ng
RT: 10.175 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

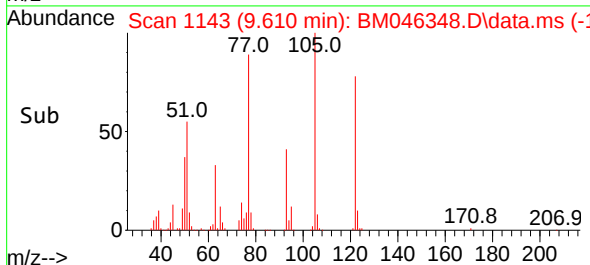
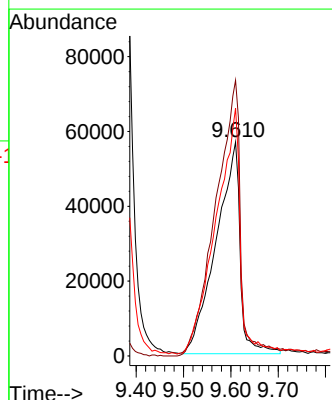
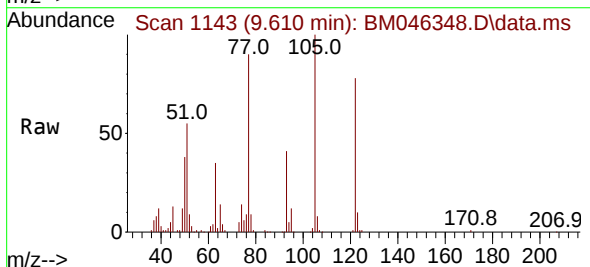
Instrument :
BNA_M
ClientSampleId :
PB161624BS

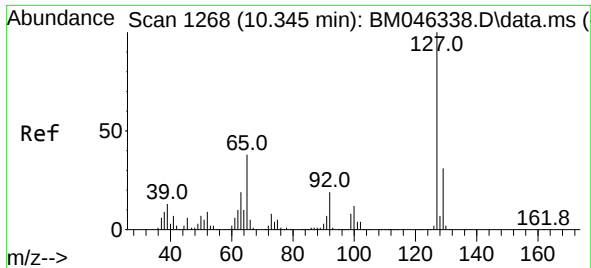
Tgt Ion:128 Resp: 800610
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 46.424 ng
RT: 9.610 min Scan# 1143
Delta R.T. -0.024 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:122 Resp: 199383
Ion Ratio Lower Upper
122 100
105 128.8 115.0 155.0
77 115.8 100.1 140.1

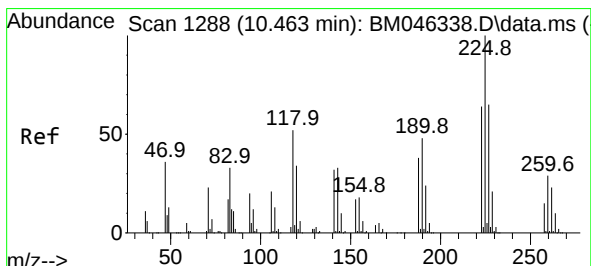
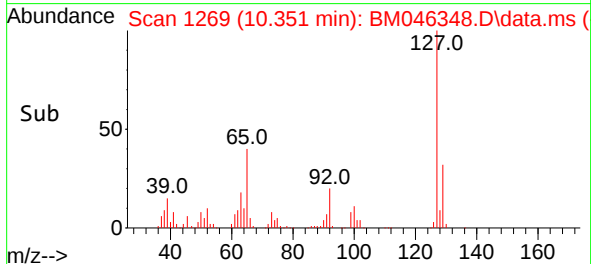
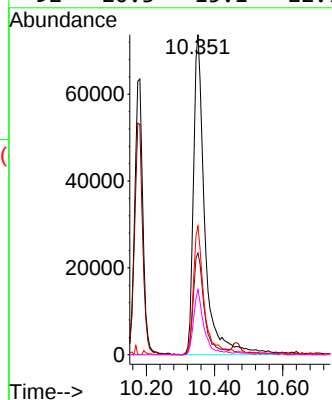
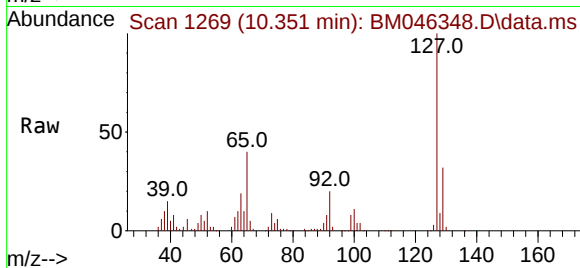




#33
4-Chloroaniline
Concen: 26.693 ng
RT: 10.351 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

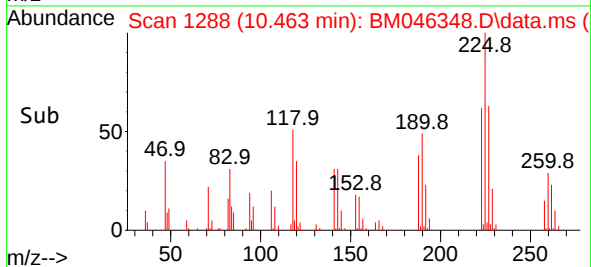
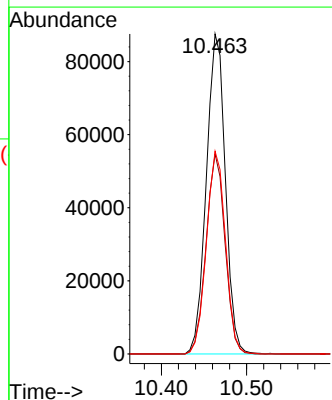
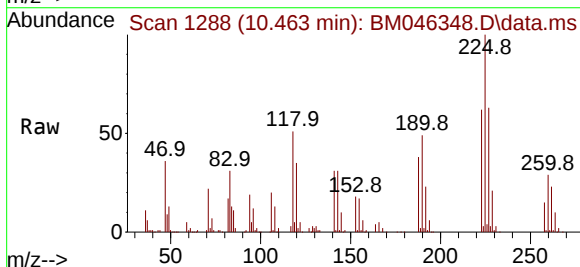
Instrument :
BNA_M
ClientSampleId :
PB161624BS

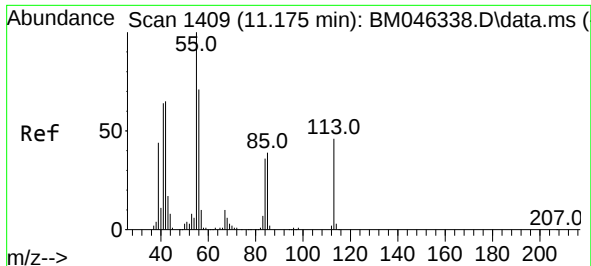
Tgt Ion:	127	Resp:	171925
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.0	37.4
65	40.1	30.2	45.4
92	20.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.361 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:	225	Resp:	135743
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.8	76.2
227	66.2	51.6	77.4

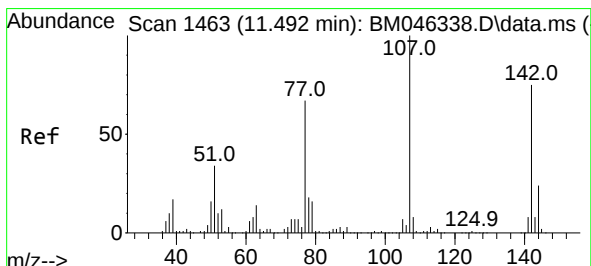
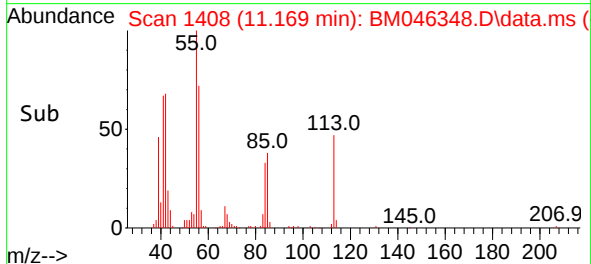
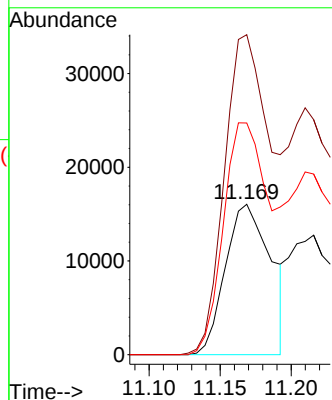
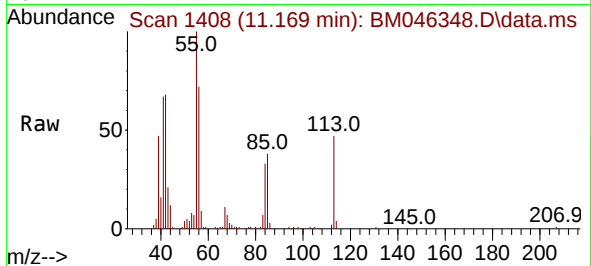




#35
Caprolactam
Concen: 20.141 ng
RT: 11.169 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

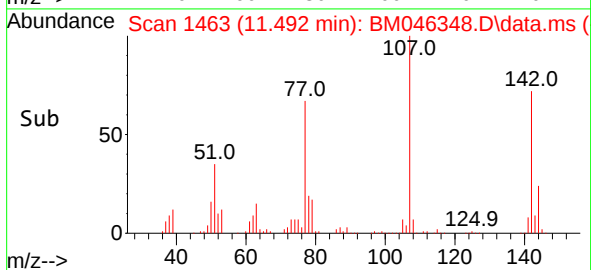
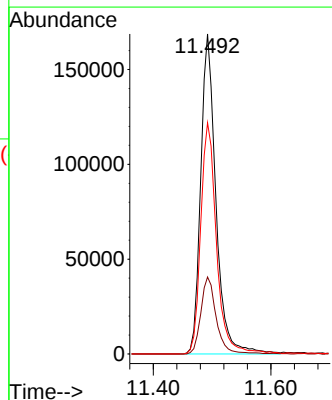
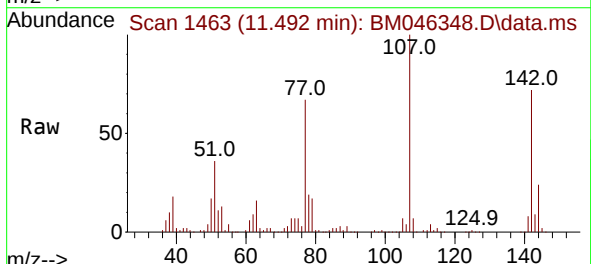
Instrument :
BNA_M
ClientSampleId :
PB161624BS

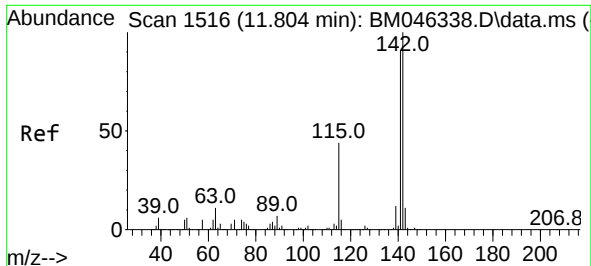
Tgt Ion:113 Resp: 35543
Ion Ratio Lower Upper
113 100
55 212.7 199.3 239.3
56 154.1 136.8 176.8



#36
4-Chloro-3-methylphenol
Concen: 50.717 ng
RT: 11.492 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:107 Resp: 304011
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.4
142 72.3 60.1 90.1

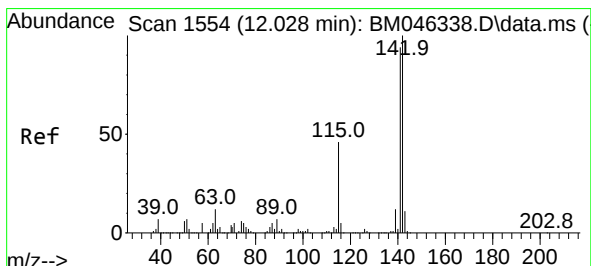
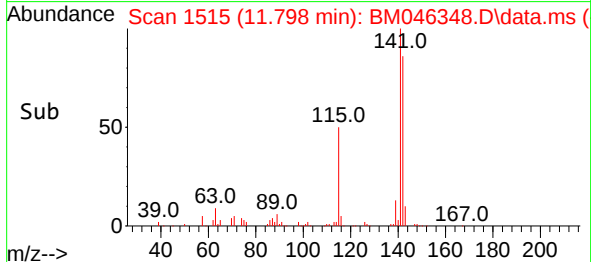
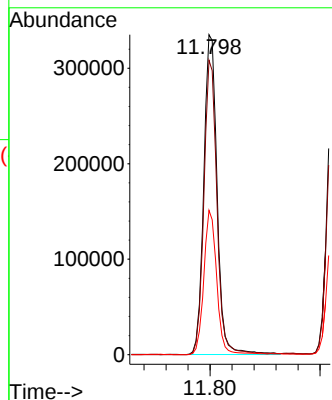
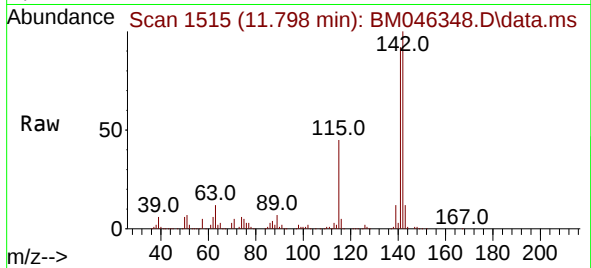




#37
2-Methylnaphthalene
Concen: 45.483 ng
RT: 11.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

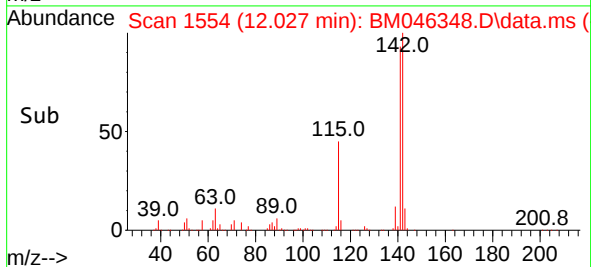
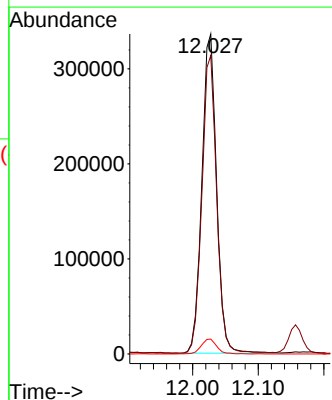
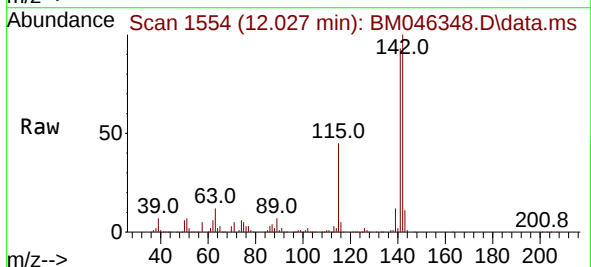
Instrument :
BNA_M
ClientSampleId :
PB161624BS

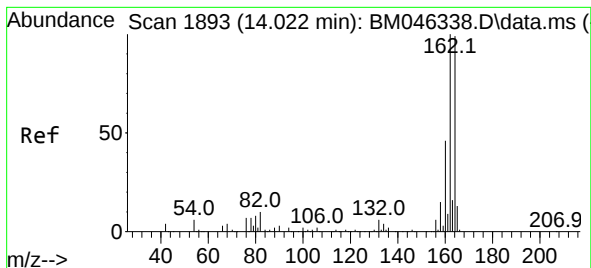
Tgt Ion:142 Resp: 564000
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2
115 45.1 34.8 52.2



#38
1-Methylnaphthalene
Concen: 42.917 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:142 Resp: 526202
Ion Ratio Lower Upper
142 100
141 93.3 75.3 112.9
116 4.7 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

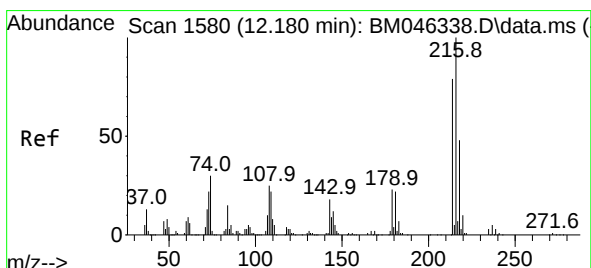
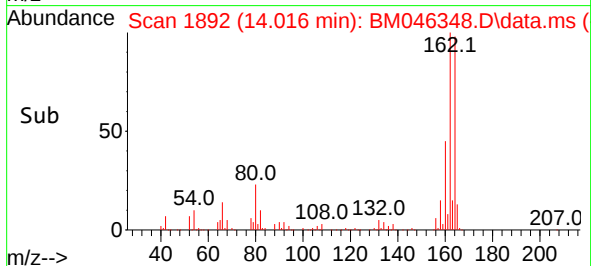
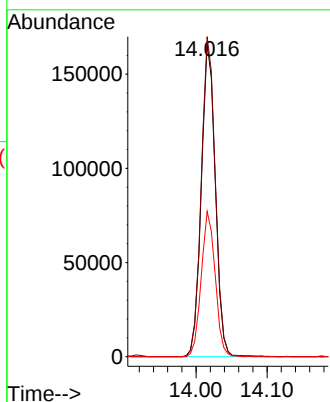
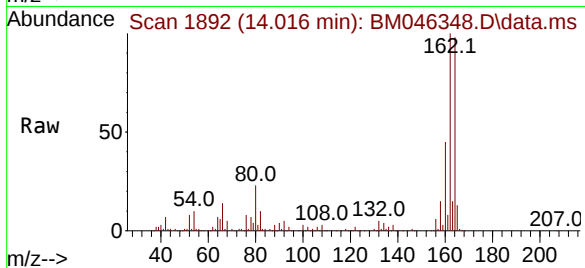
Tgt Ion:164 Resp: 228125

Ion Ratio Lower Upper

164 100

162 102.3 80.5 120.7

160 46.4 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.613 ng

RT: 12.180 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Tgt Ion:216 Resp: 265425

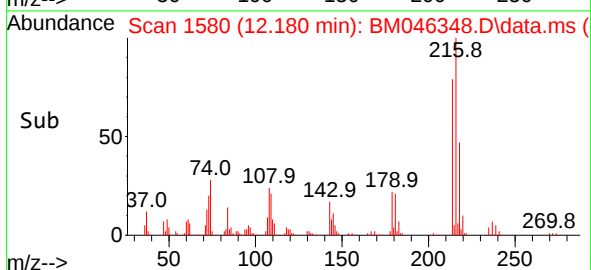
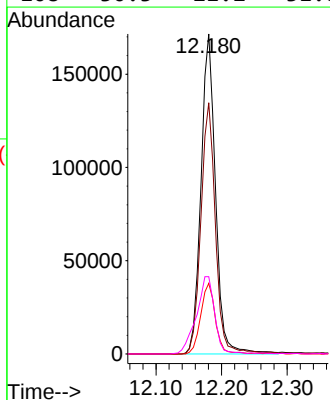
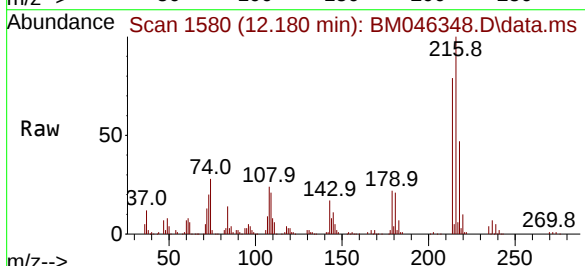
Ion Ratio Lower Upper

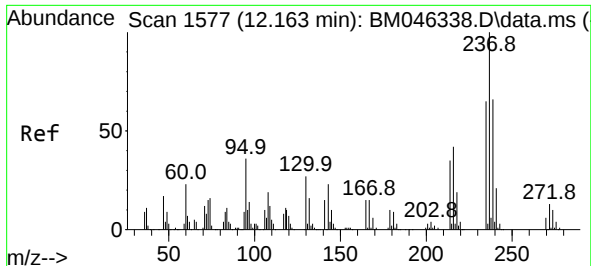
216 100

214 78.8 63.4 95.2

179 22.4 17.9 26.9

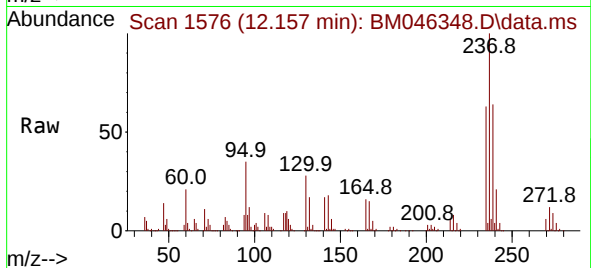
108 30.3 21.2 31.8



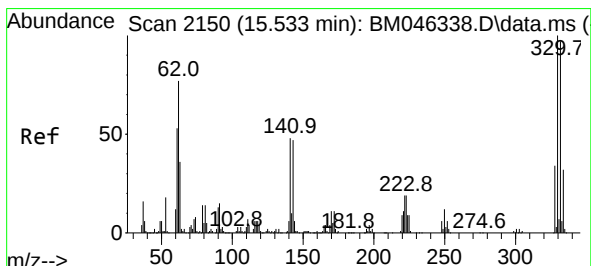
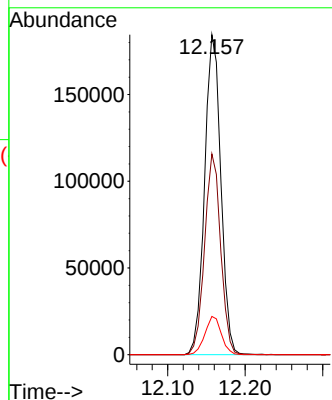
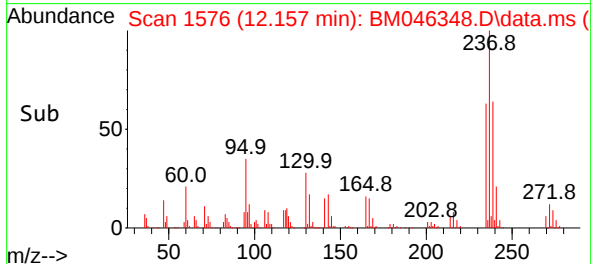


#41
Hexachlorocyclopentadiene
Concen: 112.395 ng
RT: 12.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

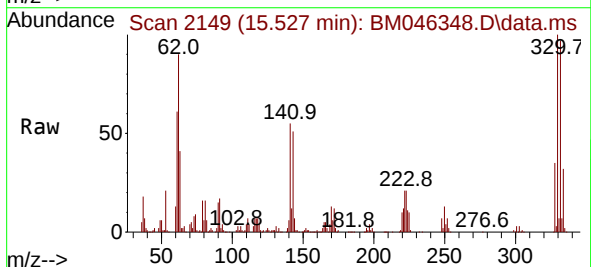
Instrument :
BNA_M
ClientSampleId :
PB161624BS



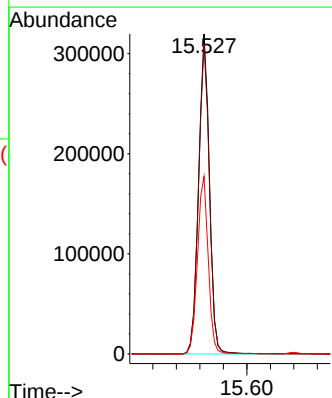
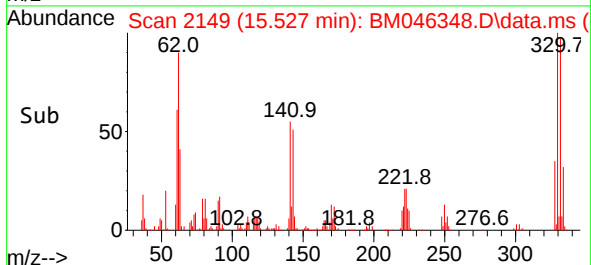
Tgt Ion:237 Resp: 268051
Ion Ratio Lower Upper
237 100
235 62.8 44.5 84.5
272 12.0 0.0 33.4

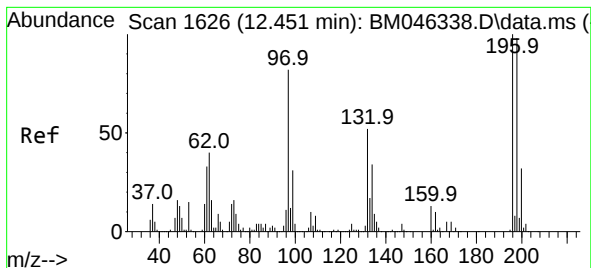


#42
2,4,6-Tribromophenol
Concen: 147.297 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57



Tgt Ion:330 Resp: 408644
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.6
141 55.3 43.2 64.8





#43

2,4,6-Trichlorophenol

Concen: 48.662 ng

RT: 12.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

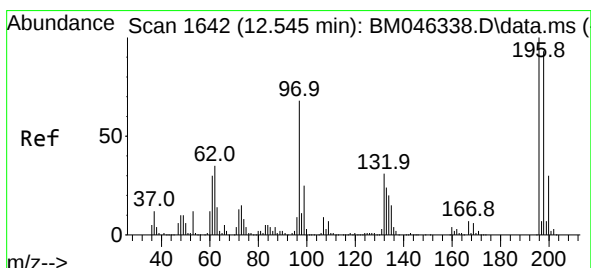
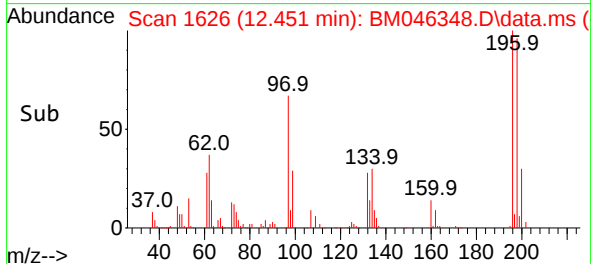
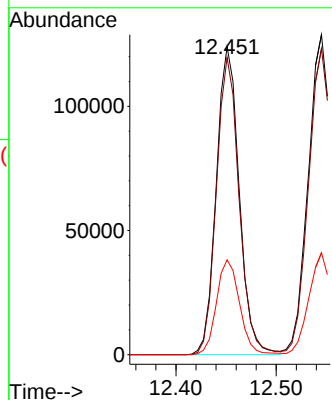
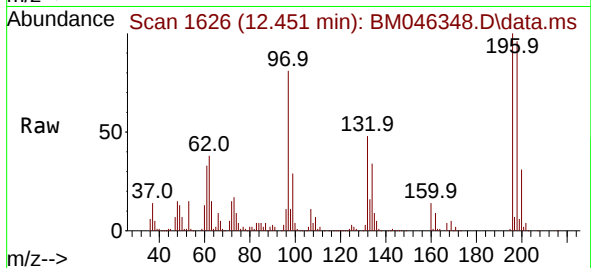
Tgt Ion:196 Resp: 196704

Ion Ratio Lower Upper

196 100

198 96.4 78.7 118.1

200 30.8 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 47.503 ng

RT: 12.545 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Tgt Ion:196 Resp: 221260

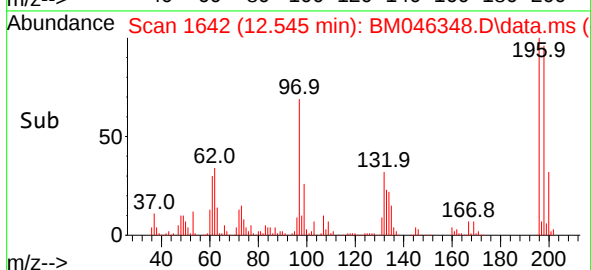
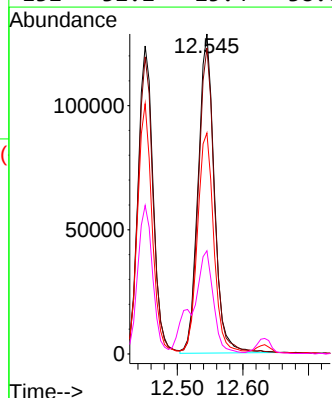
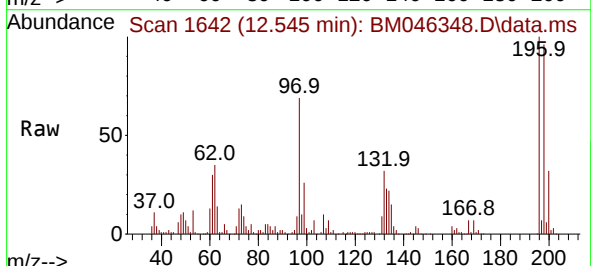
Ion Ratio Lower Upper

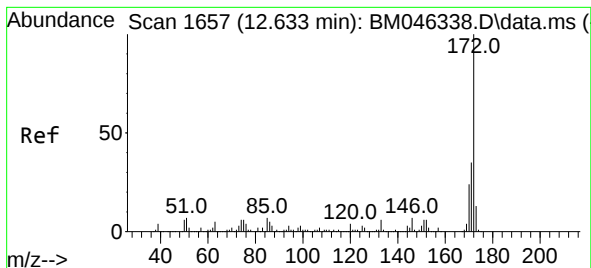
196 100

198 95.7 74.7 112.1

97 69.1 54.6 82.0

132 32.2 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 82.626 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

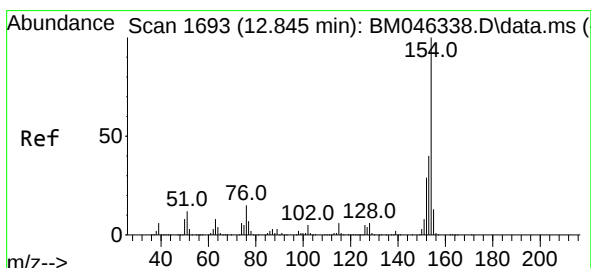
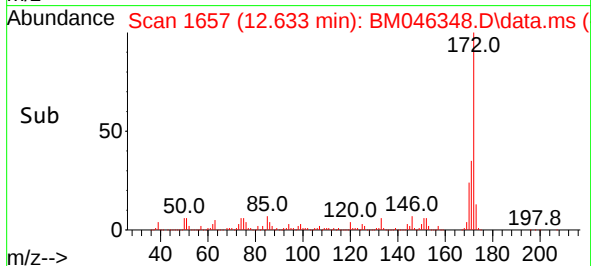
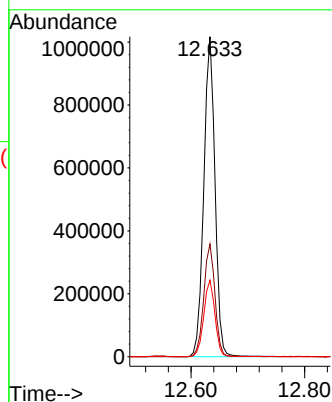
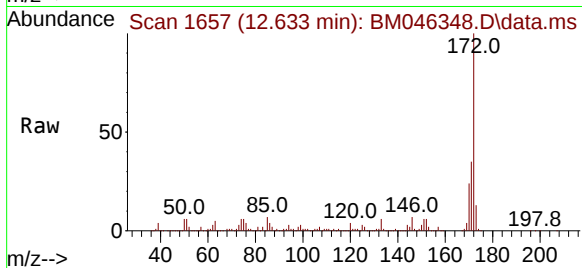
Tgt Ion:172 Resp: 1390690

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 44.308 ng

RT: 12.845 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

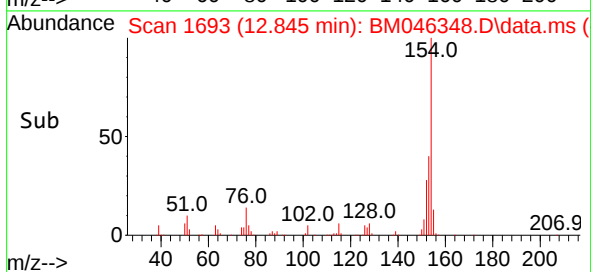
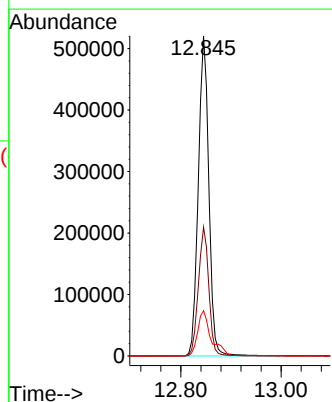
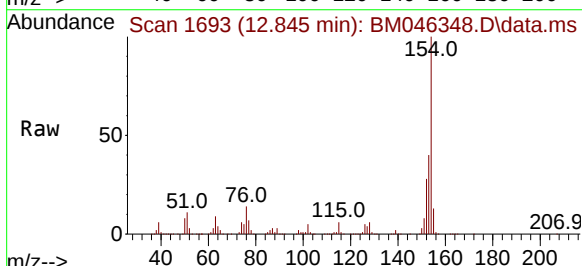
Tgt Ion:154 Resp: 756726

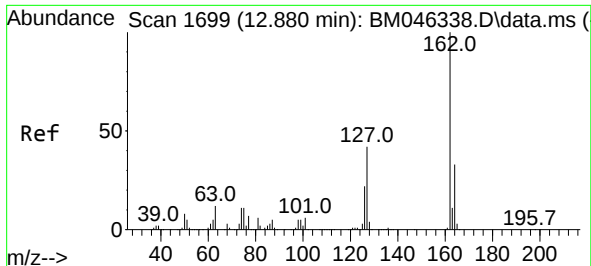
Ion Ratio Lower Upper

154 100

153 40.3 19.8 59.8

76 14.2 0.0 34.8

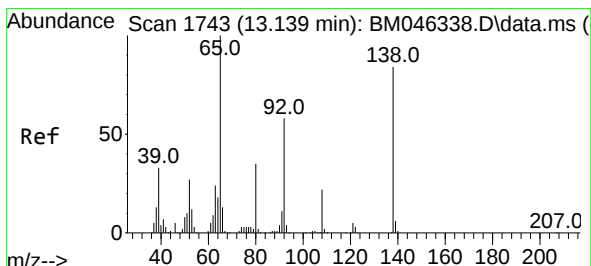
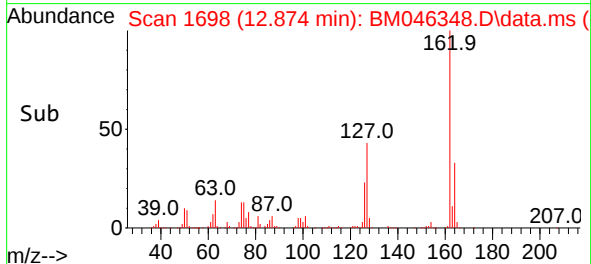
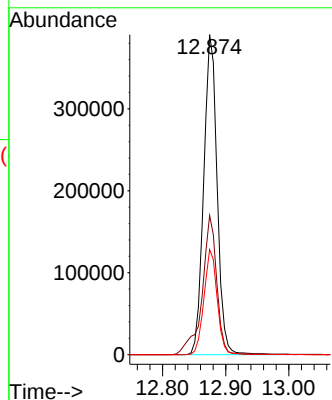
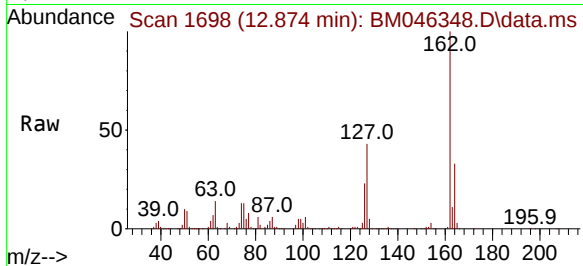




#47
2-Chloronaphthalene
Concen: 43.624 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

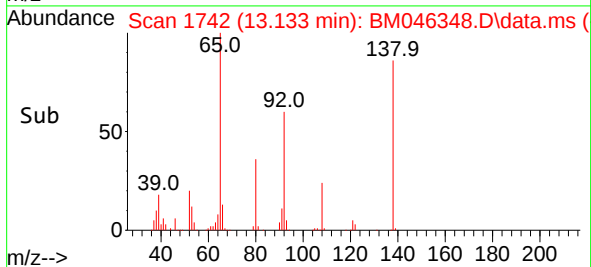
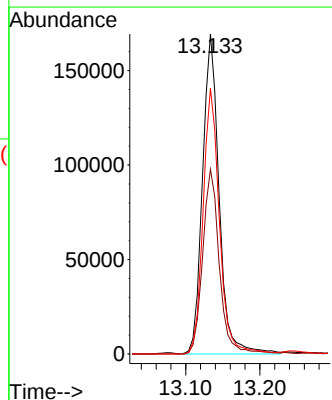
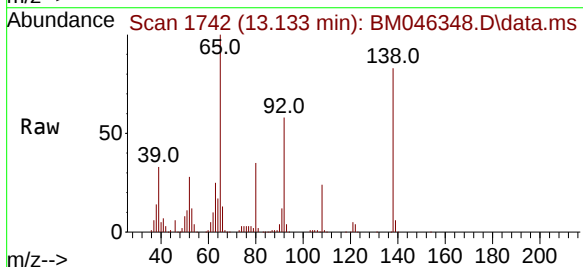
Instrument :
BNA_M
ClientSampleId :
PB161624BS

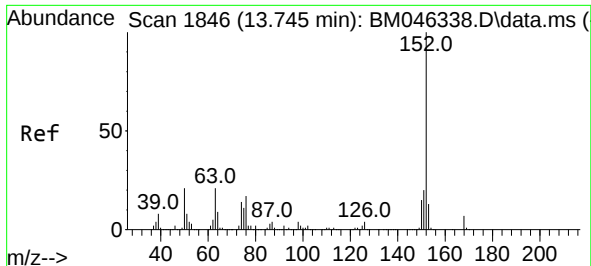
Tgt Ion:162 Resp: 578319
Ion Ratio Lower Upper
162 100
127 43.5 34.1 51.1
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 50.101 ng
RT: 13.133 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 65 Resp: 263685
Ion Ratio Lower Upper
65 100
92 57.7 46.7 70.1
138 83.1 67.3 100.9

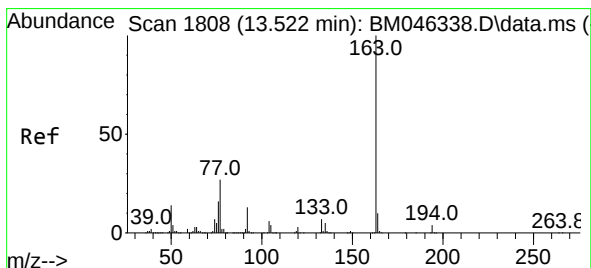
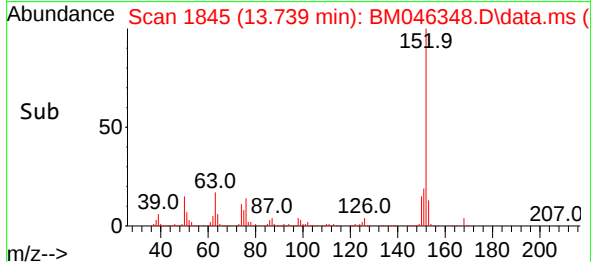
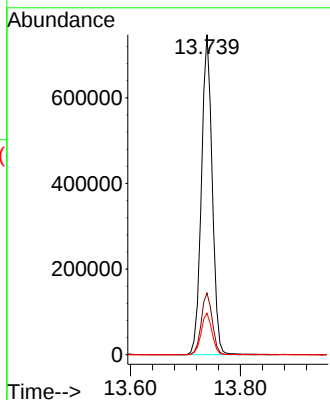
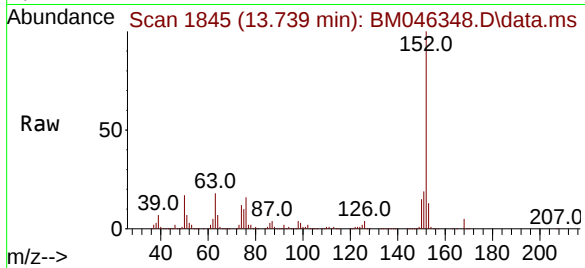




#49
Acenaphthylene
Concen: 49.887 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

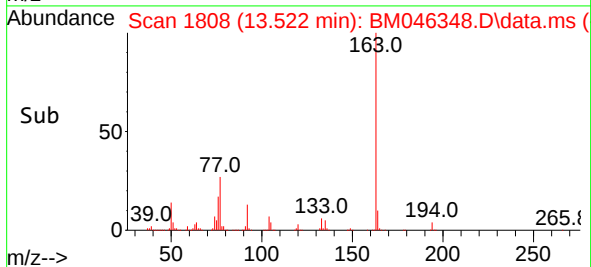
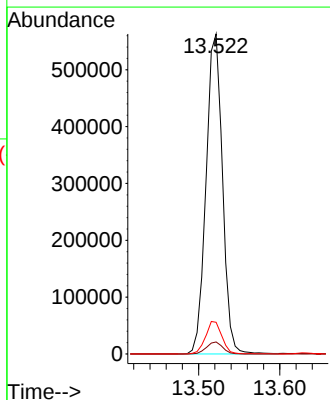
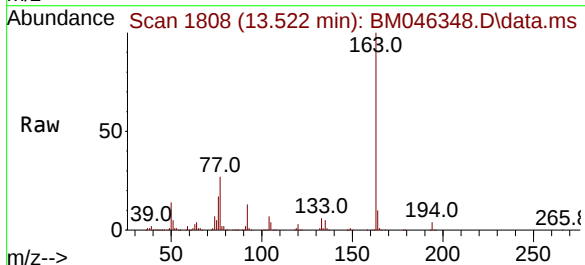
Instrument :
BNA_M
ClientSampleId :
PB161624BS

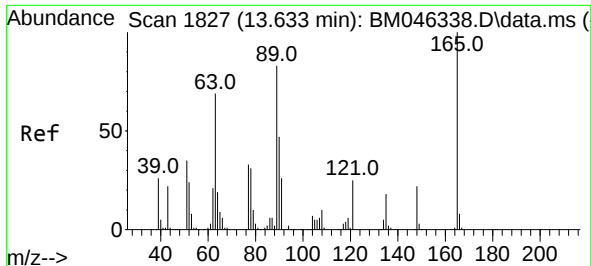
Tgt Ion:152 Resp: 1019596
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 47.346 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:163 Resp: 789556
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 7.8 11.8

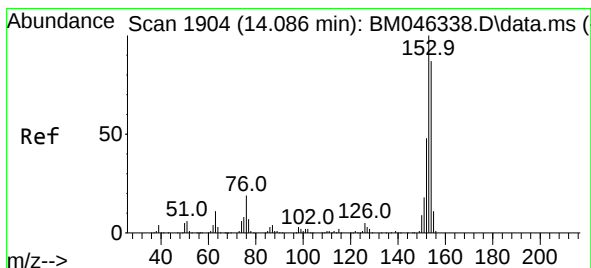
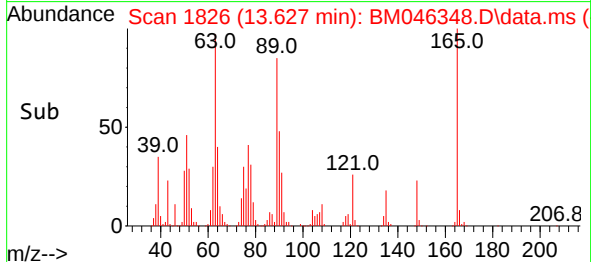
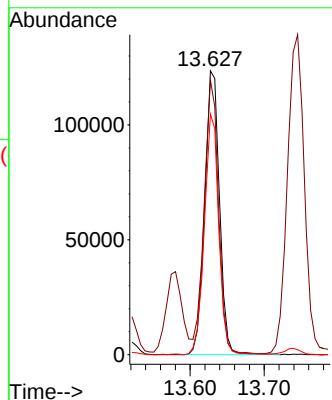
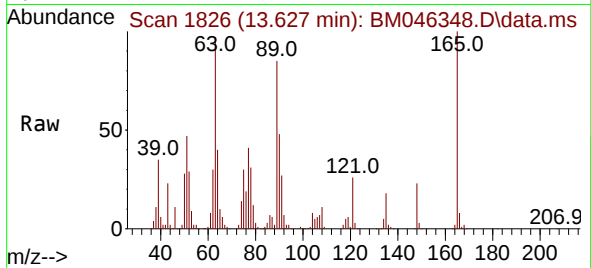




#51
2,6-Dinitrotoluene
Concen: 46.229 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

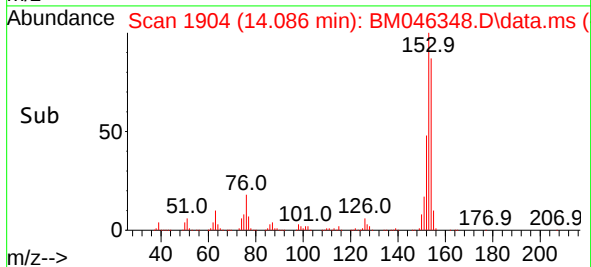
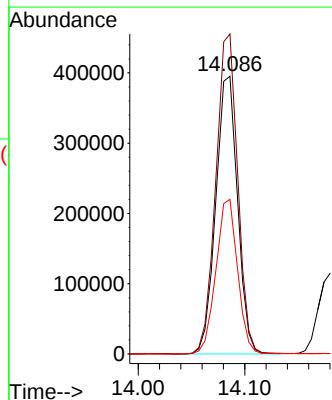
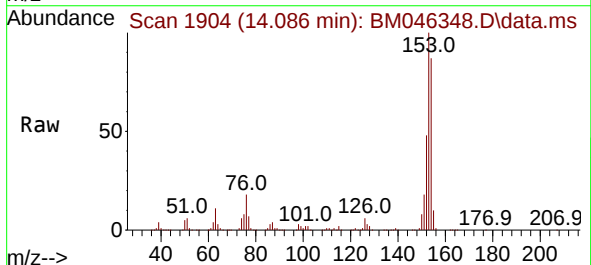
Instrument :
BNA_M
ClientSampleId :
PB161624BS

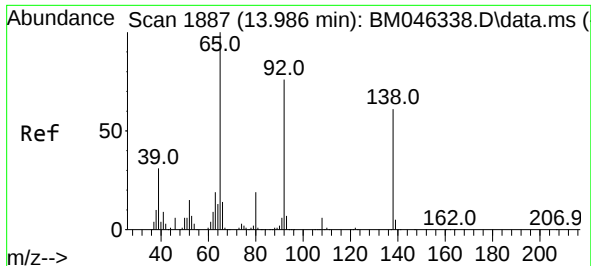
Tgt Ion:165 Resp: 171681
Ion Ratio Lower Upper
165 100
63 96.8 74.4 111.6
89 84.8 66.2 99.2



#52
Acenaphthene
Concen: 44.238 ng
RT: 14.086 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:154 Resp: 561990
Ion Ratio Lower Upper
154 100
153 115.2 92.0 138.0
152 55.6 44.4 66.6

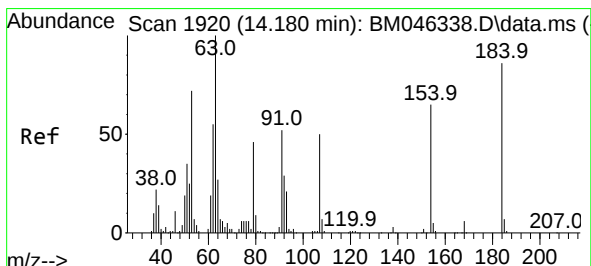
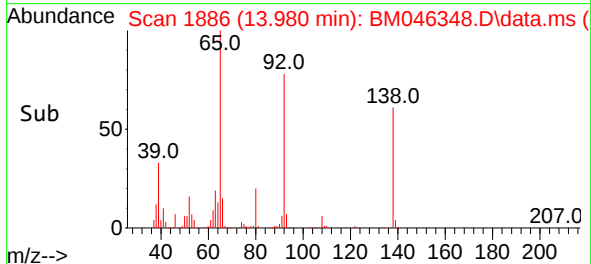
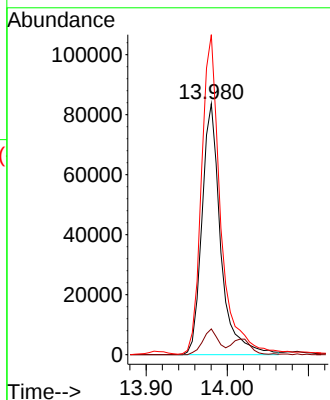
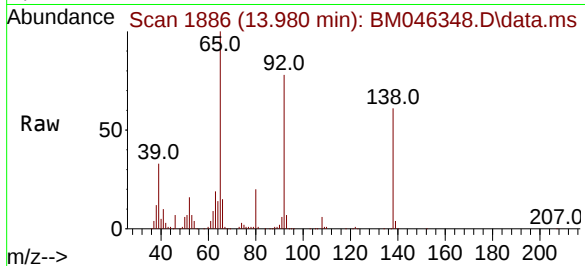




#53
3-Nitroaniline
Concen: 35.645 ng
RT: 13.980 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

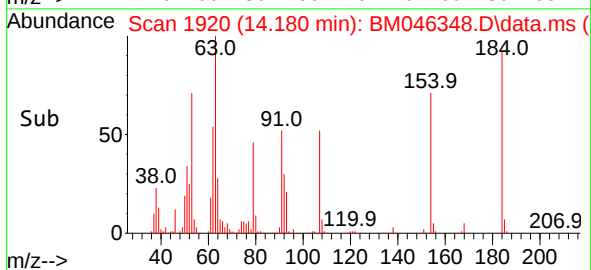
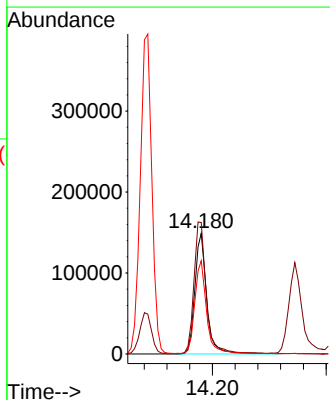
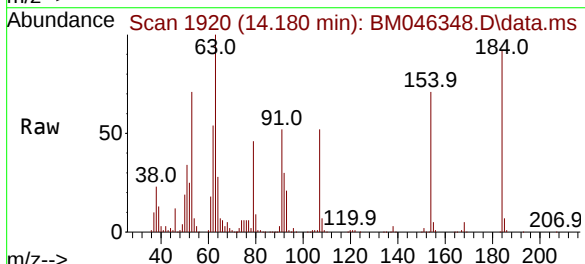
Instrument :
BNA_M
ClientSampleId :
PB161624BS

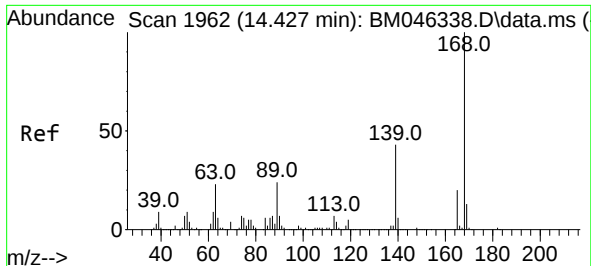
Tgt Ion:138 Resp: 133746
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.0
92 127.5 99.3 148.9



#54
2,4-Dinitrophenol
Concen: 97.834 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:184 Resp: 217125
Ion Ratio Lower Upper
184 100
63 109.0 93.5 140.3
154 77.2 61.2 91.8

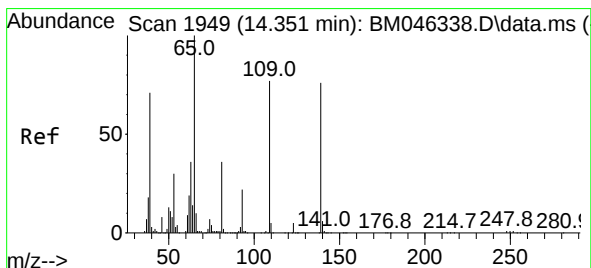
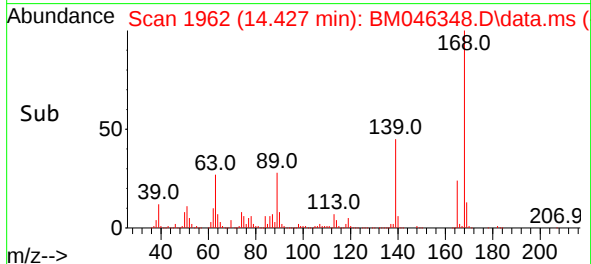
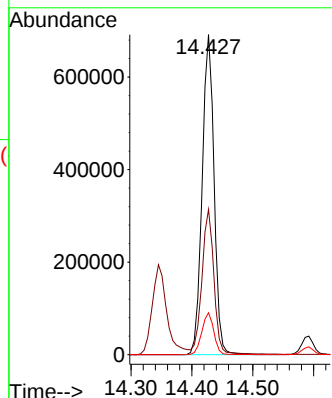
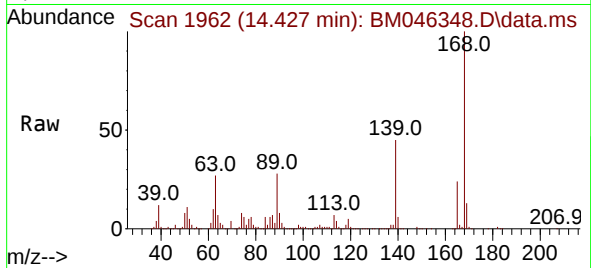




#55
Dibenzofuran
Concen: 46.331 ng
RT: 14.427 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

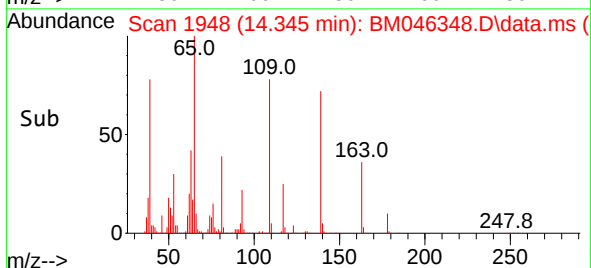
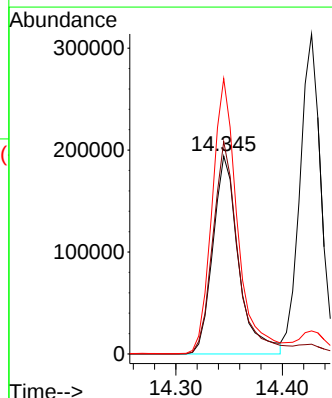
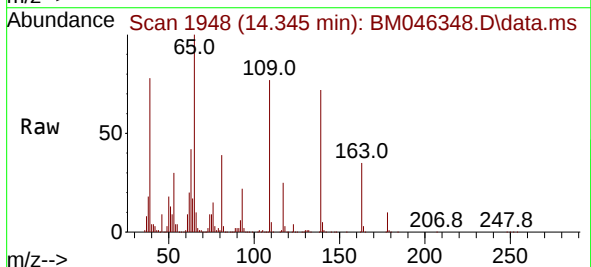
Instrument :
BNA_M
ClientSampleId :
PB161624BS

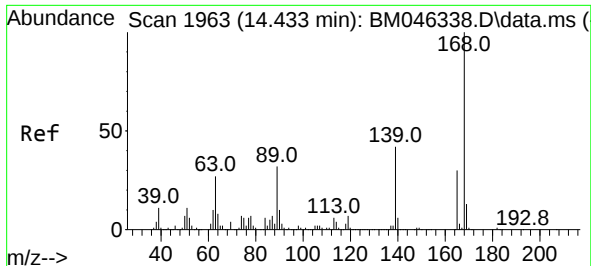
Tgt Ion:168 Resp: 943124
Ion Ratio Lower Upper
168 100
139 45.4 35.4 53.2
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 103.682 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:139 Resp: 325829
Ion Ratio Lower Upper
139 100
109 107.3 82.0 122.0
65 139.1 112.0 152.0

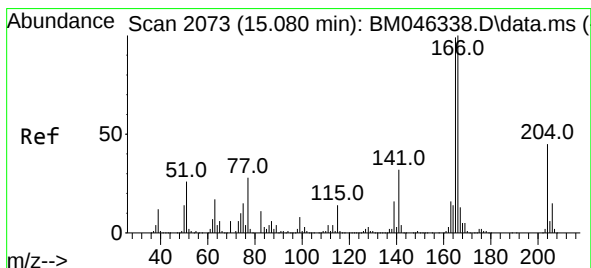
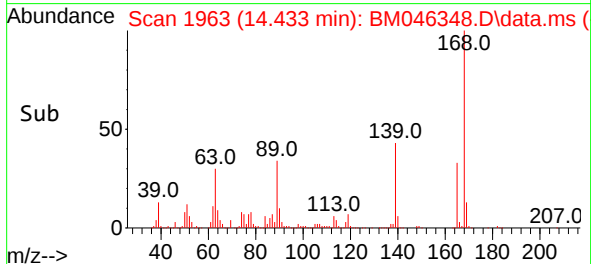
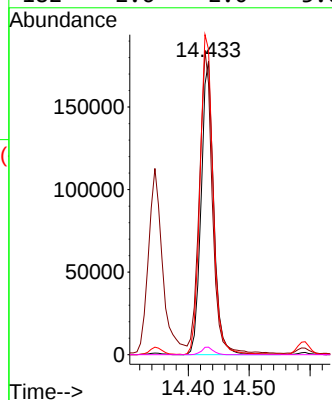
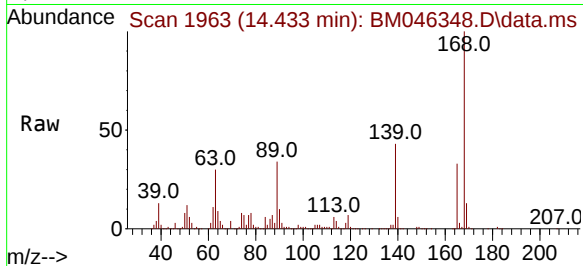




#57
2,4-Dinitrotoluene
Concen: 47.616 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

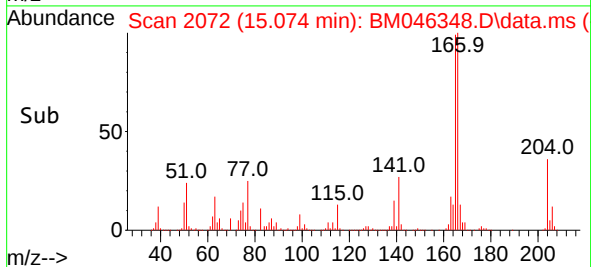
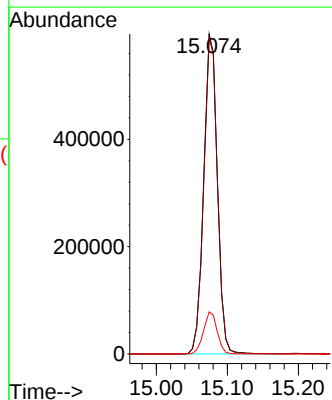
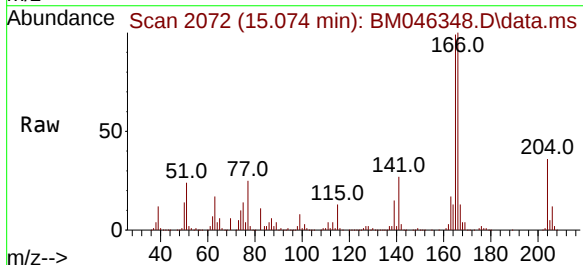
Instrument :
BNA_M
ClientSampleId :
PB161624BS

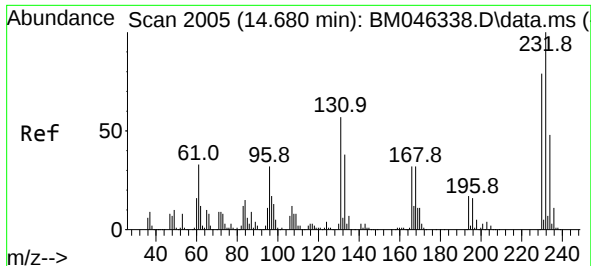
Tgt Ion:	165	Resp:	255905
Ion Ratio	Lower	Upper	
165	100		
63	92.5	74.2	111.2
89	104.1	86.1	129.1
182	2.6	2.0	3.0



#58
Fluorene
Concen: 45.907 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:	166	Resp:	799333
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.4	119.0
167	13.1	10.7	16.1

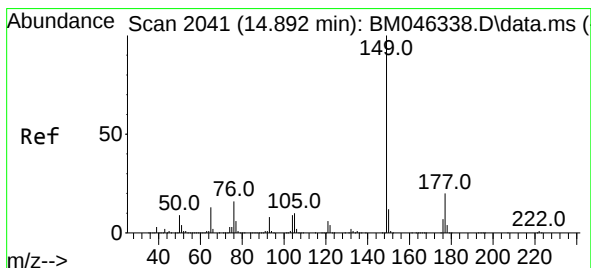
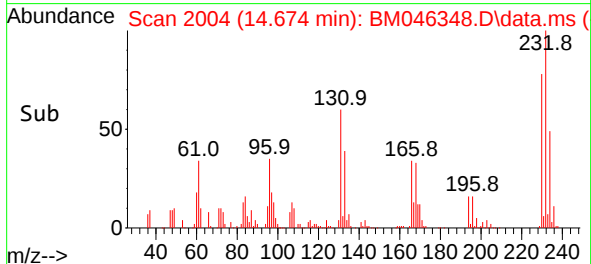
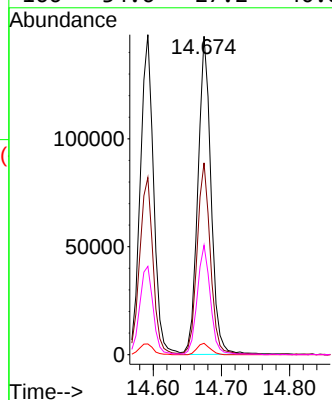
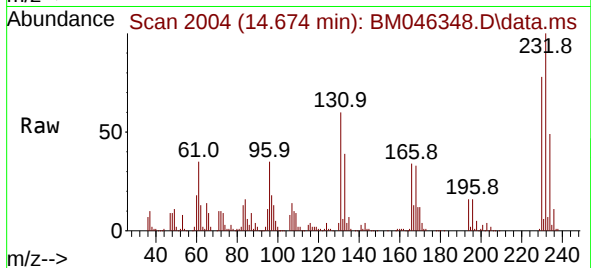




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.849 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

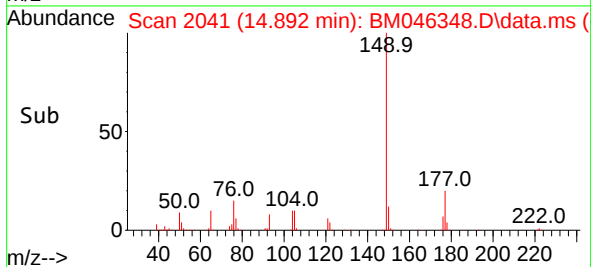
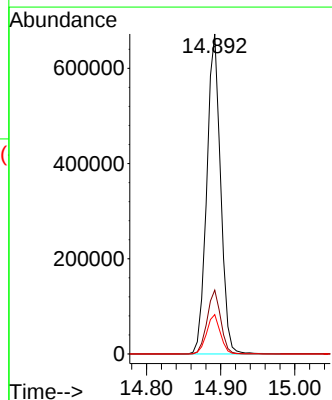
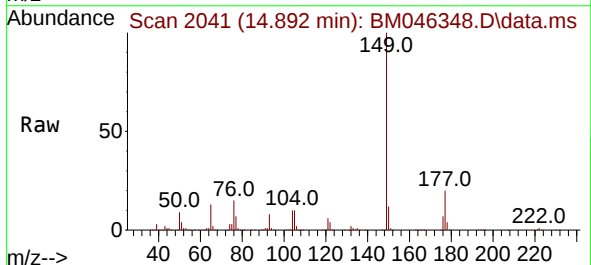
Instrument :
BNA_M
ClientSampleId :
PB161624BS

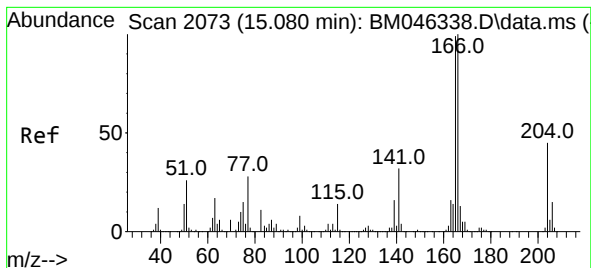
Tgt Ion:232 Resp: 195697
Ion Ratio Lower Upper
232 100
131 60.6 48.3 72.5
130 3.6 2.7 4.1
166 34.6 27.2 40.8



#60
Diethylphthalate
Concen: 47.339 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:149 Resp: 868433
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.8
150 12.3 9.9 14.9

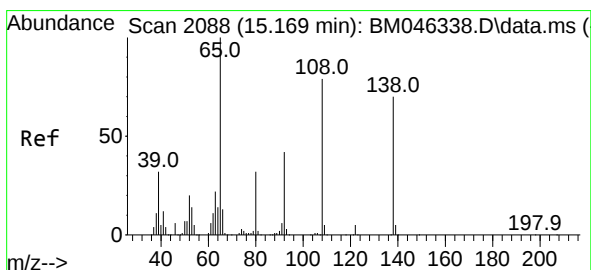
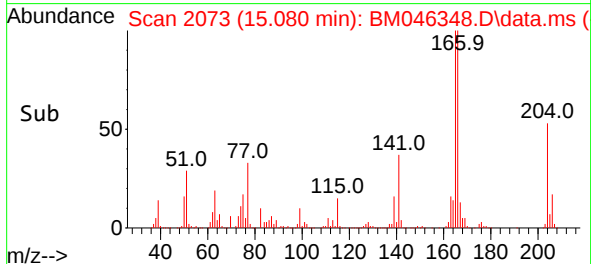
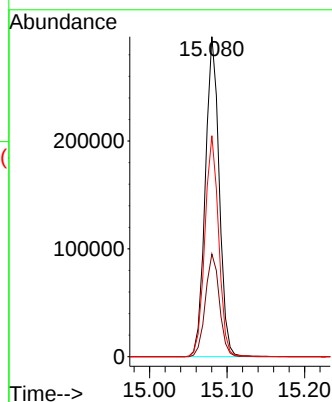
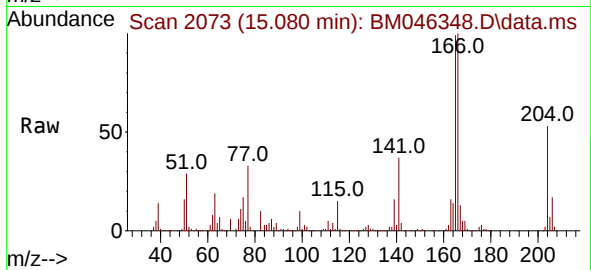




#61
4-Chlorophenyl-phenylether
Concen: 45.584 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

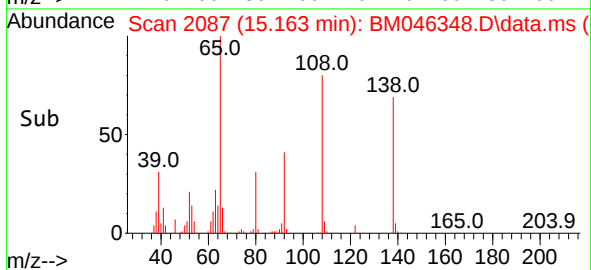
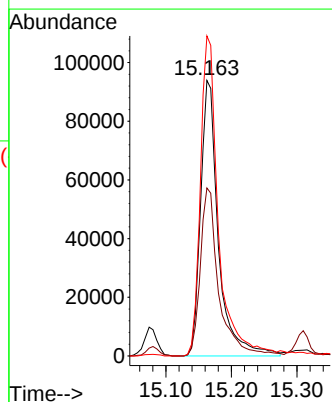
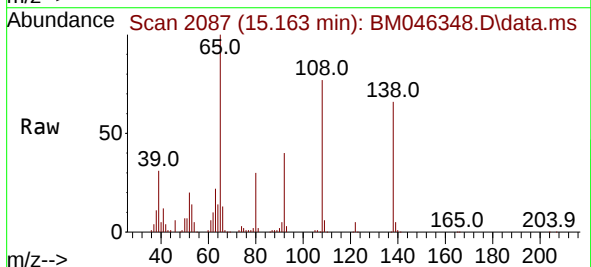
Instrument :
BNA_M
ClientSampleId :
PB161624BS

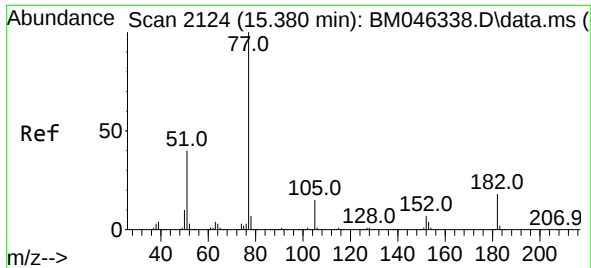
Tgt Ion:204 Resp: 369453
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 69.0 57.4 86.2



#62
4-Nitroaniline
Concen: 48.285 ng
RT: 15.163 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:138 Resp: 177796
Ion Ratio Lower Upper
138 100
92 60.9 39.5 79.5
108 116.1 91.6 131.6

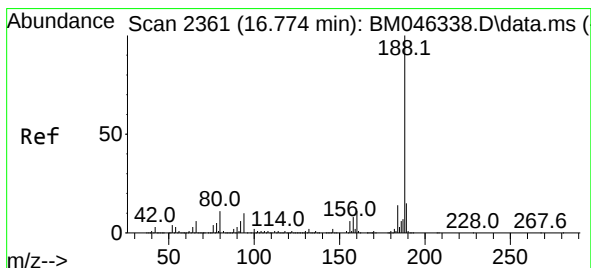
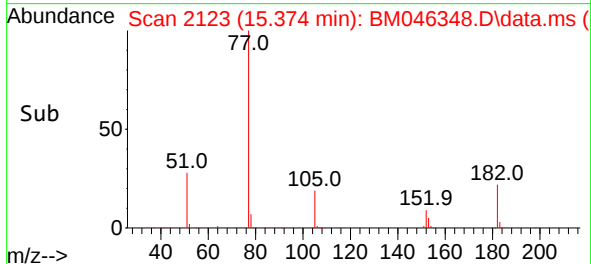
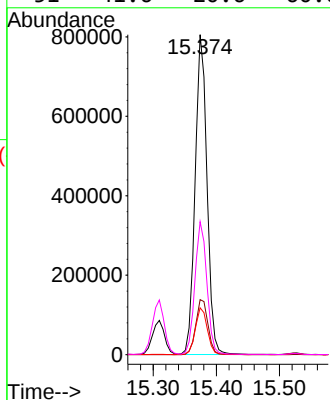
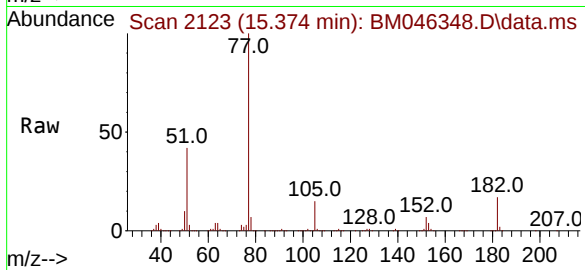




#63
Azobenzene
Concen: 47.938 ng
RT: 15.374 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

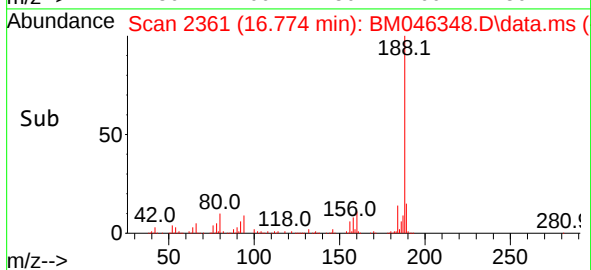
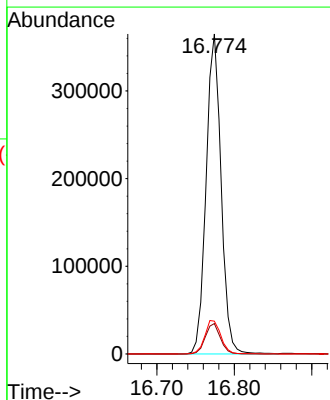
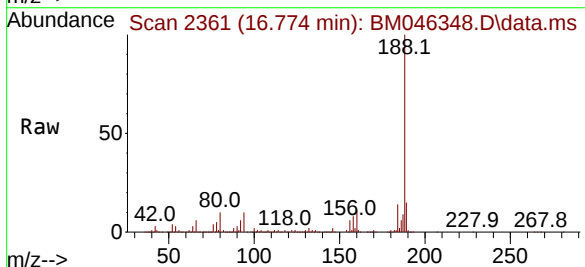
Instrument :
BNA_M
ClientSampleId :
PB161624BS

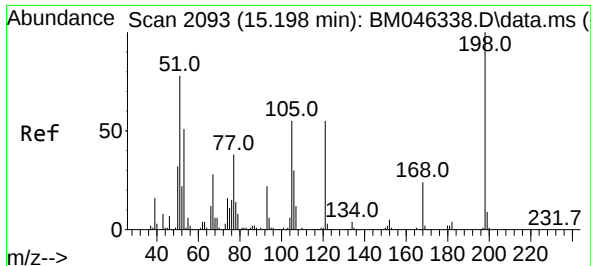
Tgt Ion: 77 Resp: 1047970
Ion Ratio Lower Upper
77 100
182 17.2 0.0 37.9
105 14.6 0.0 35.1
51 41.6 20.6 60.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion: 188 Resp: 489411
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.2 9.0 13.6

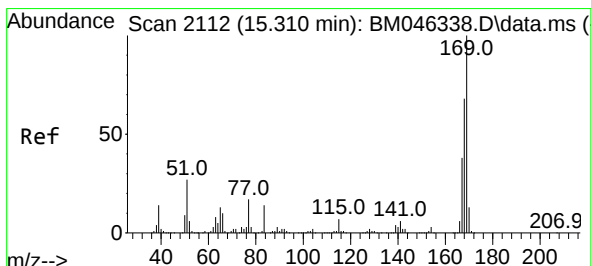
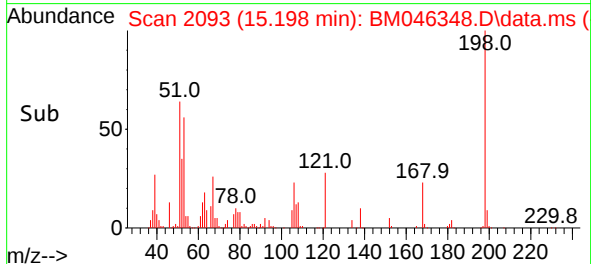
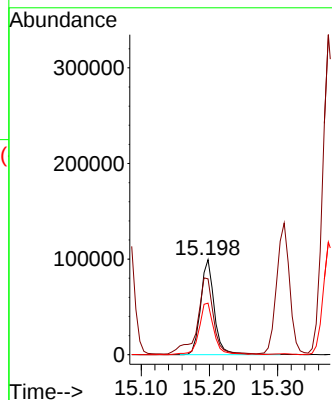
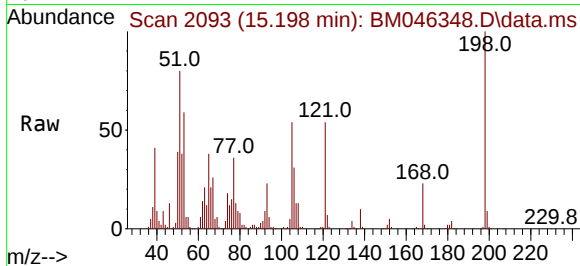




#65
4,6-Dinitro-2-methylphenol
Concen: 44.347 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

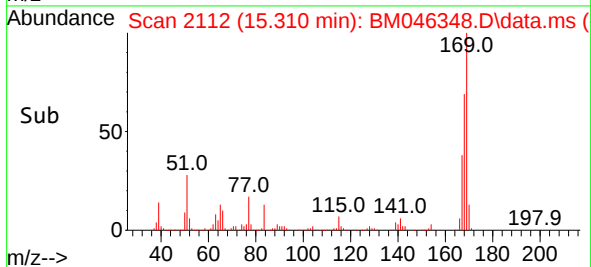
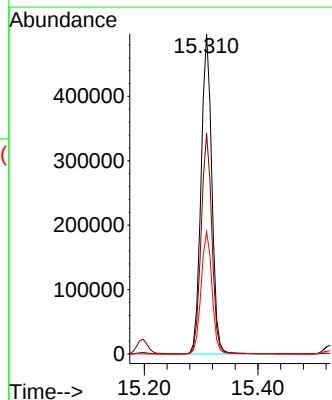
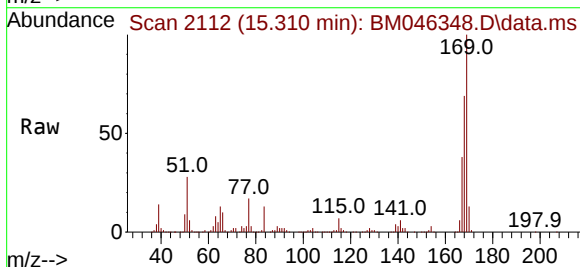
Instrument :
BNA_M
ClientSampleId :
PB161624BS

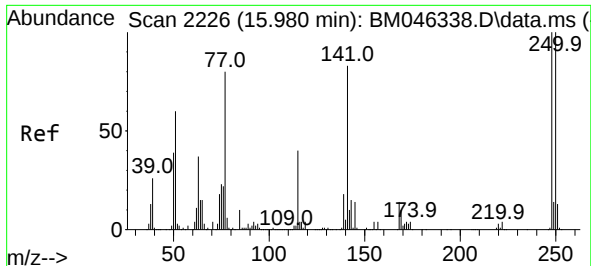
Tgt Ion:198 Resp: 137136
Ion Ratio Lower Upper
198 100
51 79.8 65.1 105.1
105 54.3 36.0 76.0



#66
n-Nitrosodiphenylamine
Concen: 46.030 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:169 Resp: 654337
Ion Ratio Lower Upper
169 100
168 69.0 54.2 81.4
167 38.2 30.2 45.2

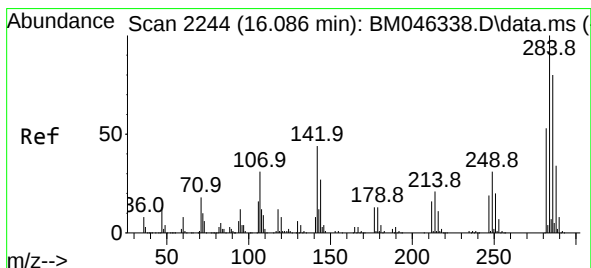
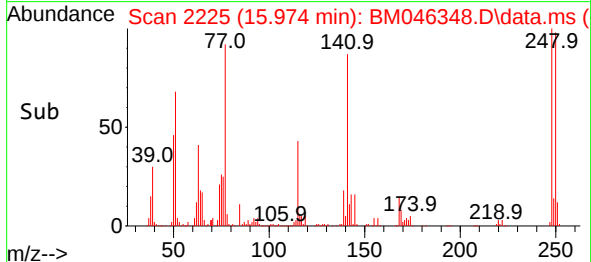
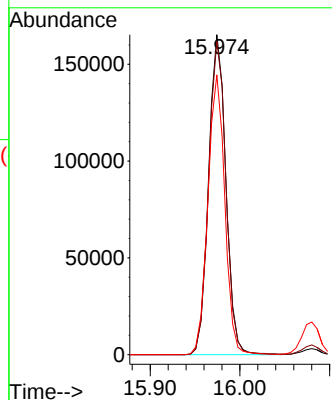
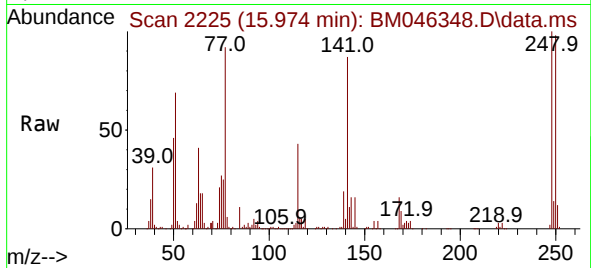




#67
4-Bromophenyl-phenylether
Concen: 44.199 ng
RT: 15.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

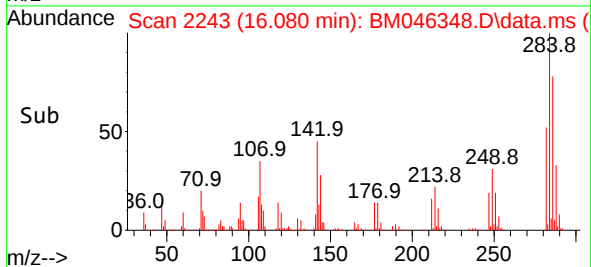
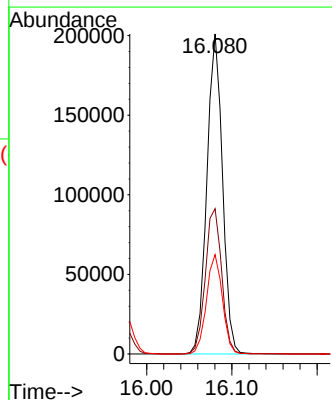
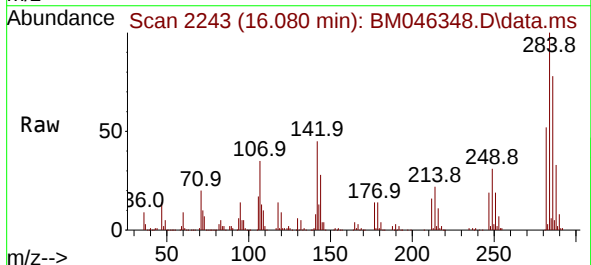
Instrument :
BNA_M
ClientSampleId :
PB161624BS

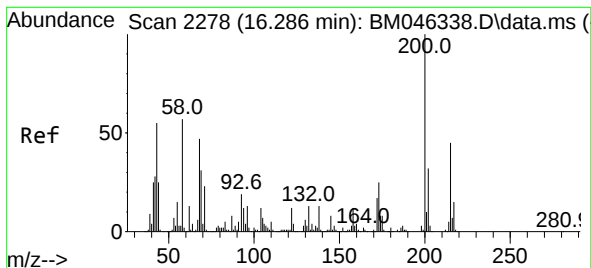
Tgt Ion:248 Resp: 220872
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.6
141 87.5 66.2 99.2



#68
Hexachlorobenzene
Concen: 43.414 ng
RT: 16.080 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:284 Resp: 256144
Ion Ratio Lower Upper
284 100
142 45.4 34.8 52.2
249 31.1 24.5 36.7





#69

Atrazine

Concen: 54.466 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

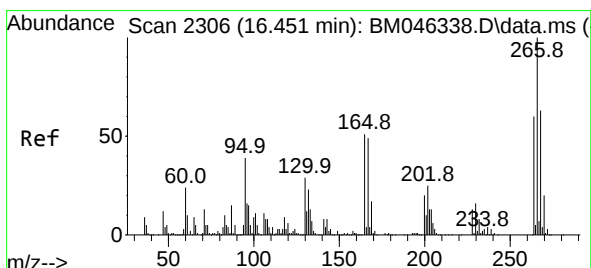
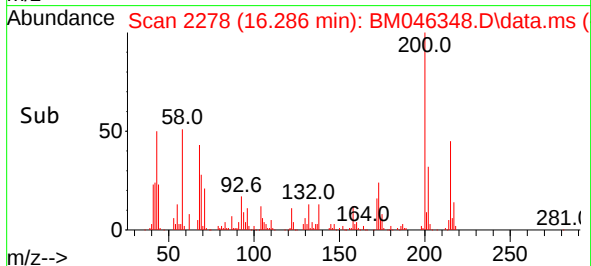
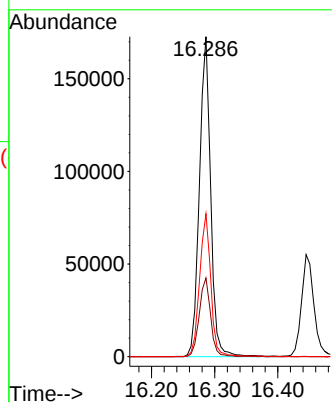
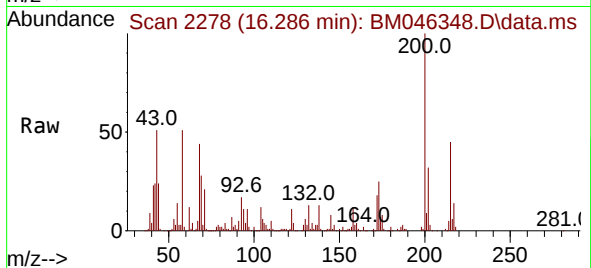
Tgt Ion:200 Resp: 214020

Ion Ratio Lower Upper

200 100

173 24.6 4.9 44.9

215 44.6 25.0 65.0



#70

Pentachlorophenol

Concen: 102.261 ng

RT: 16.445 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

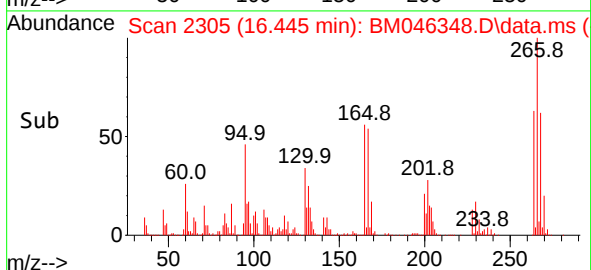
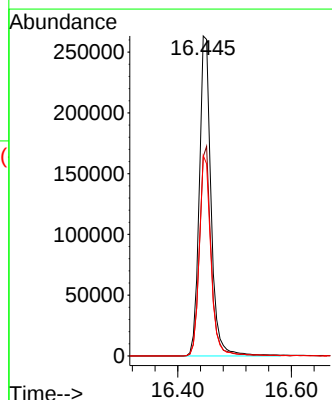
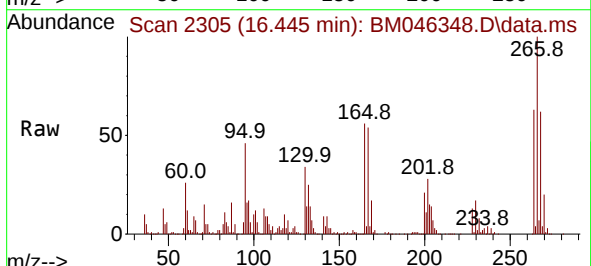
Tgt Ion:266 Resp: 379487

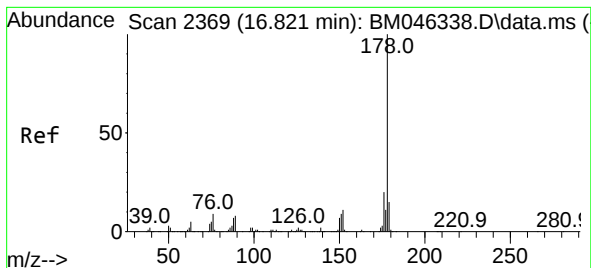
Ion Ratio Lower Upper

266 100

268 62.3 50.3 75.5

264 62.6 48.4 72.6





#71

Phenanthrene

Concen: 46.995 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

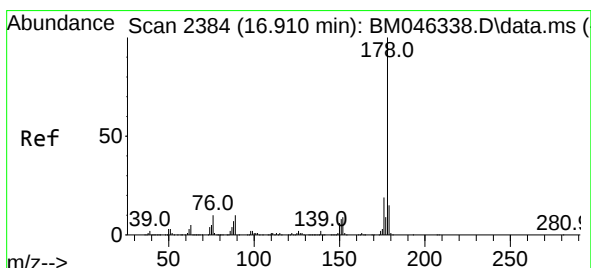
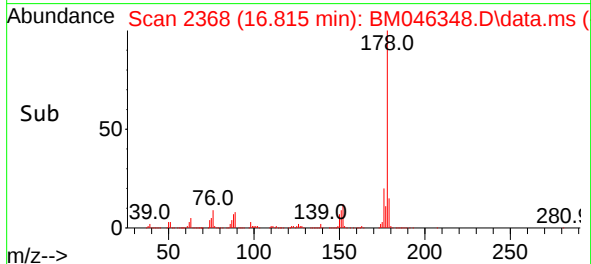
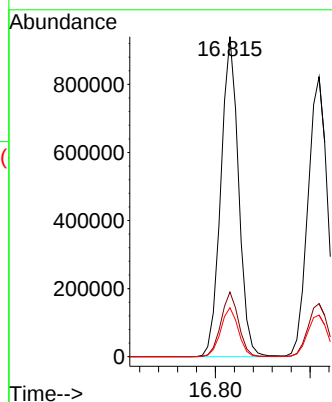
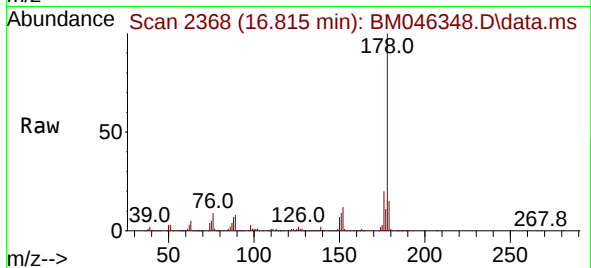
Tgt Ion:178 Resp: 1223909

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.3 12.2 18.4



#72

Anthracene

Concen: 48.053 ng

RT: 16.910 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

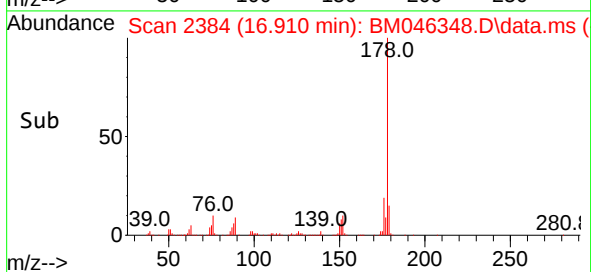
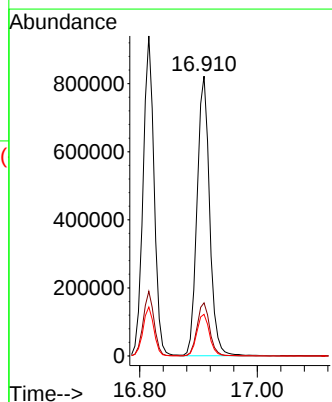
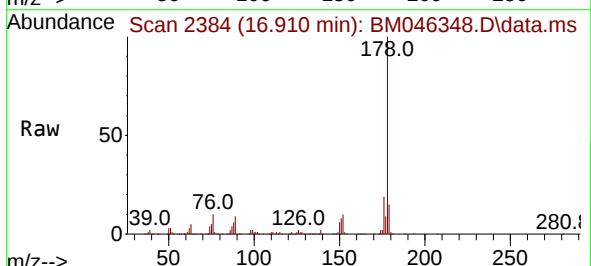
Tgt Ion:178 Resp: 1217303

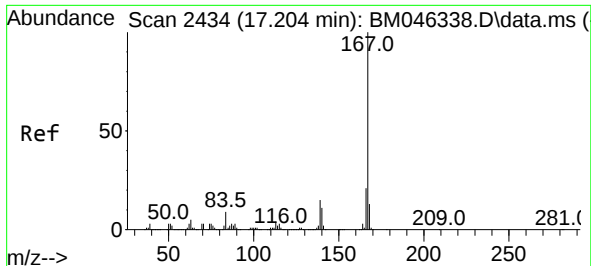
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 14.9 12.0 18.0

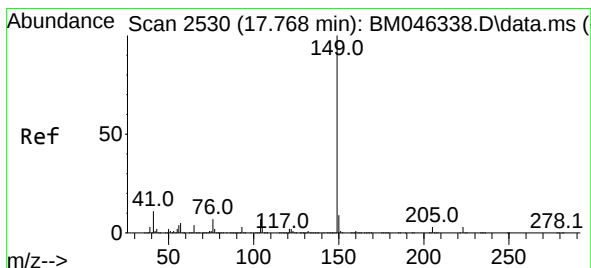
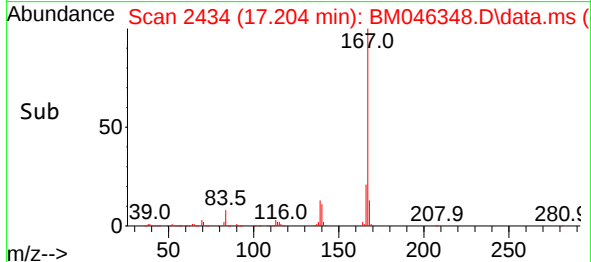
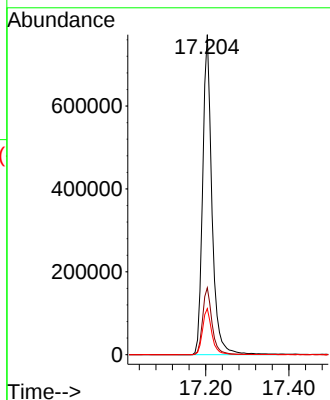
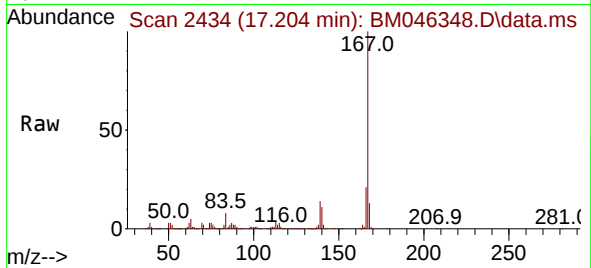




#73
 Carbazole
 Concen: 48.061 ng
 RT: 17.204 min Scan# 2434
 Delta R.T. -0.000 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

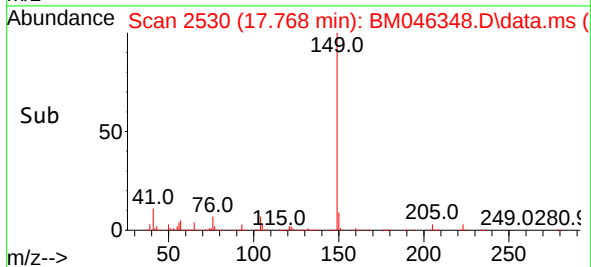
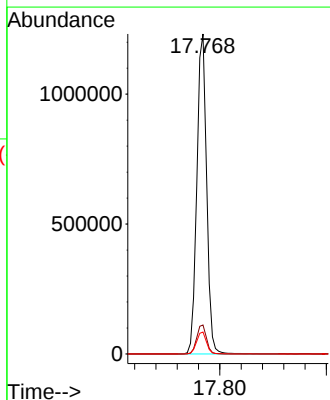
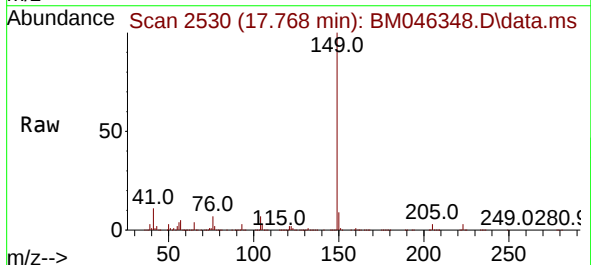
Instrument :
 BNA_M
 ClientSampleId :
 PB161624BS

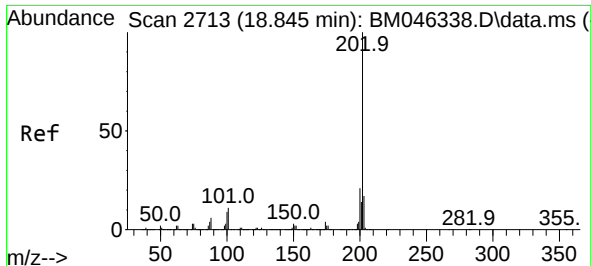
Tgt Ion:167 Resp: 1198810
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 14.4 11.8 17.6



#74
 Di-n-butylphthalate
 Concen: 46.901 ng
 RT: 17.768 min Scan# 2530
 Delta R.T. -0.000 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

Tgt Ion:149 Resp: 1571813
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.8 5.4 8.2

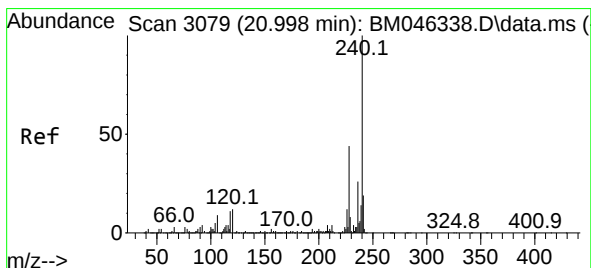
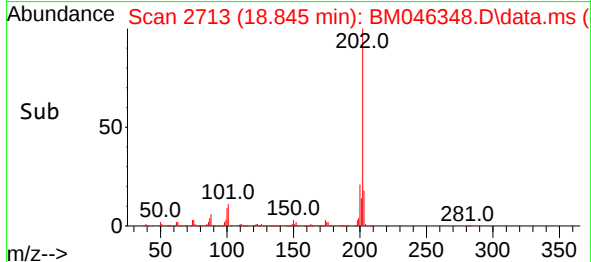
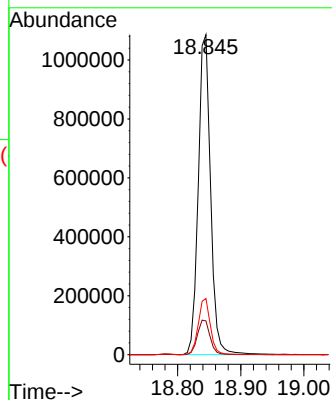
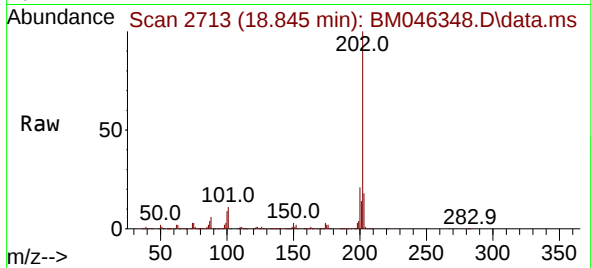




#75
Fluoranthene
Concen: 47.648 ng
RT: 18.845 min Scan# 2713
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

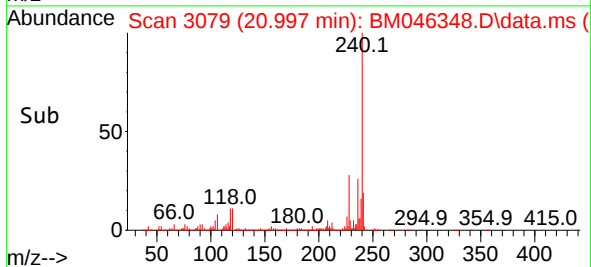
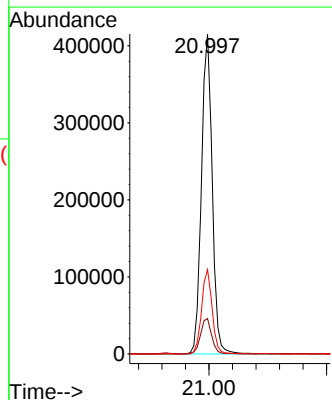
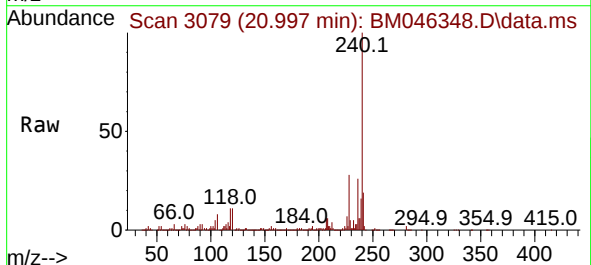
Instrument :
BNA_M
ClientSampleId :
PB161624BS

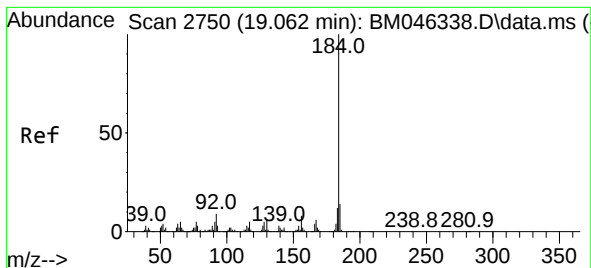
Tgt Ion:202 Resp: 1466339
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.997 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:240 Resp: 527959
Ion Ratio Lower Upper
240 100
120 11.0 9.3 13.9
236 26.4 20.5 30.7





#77

Benzidine

Concen: 45.045 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

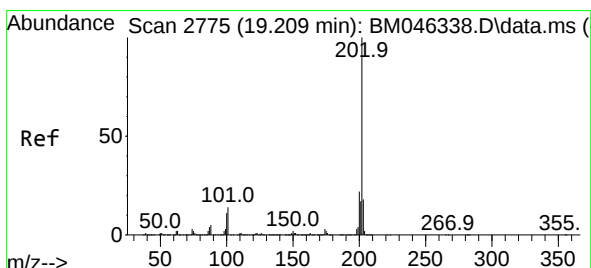
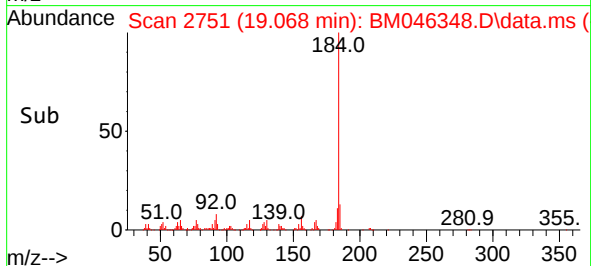
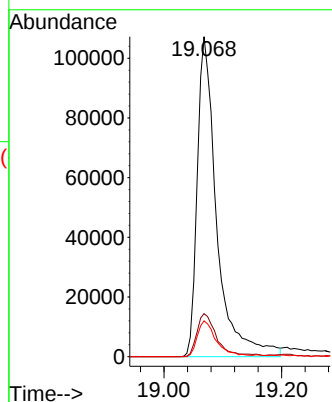
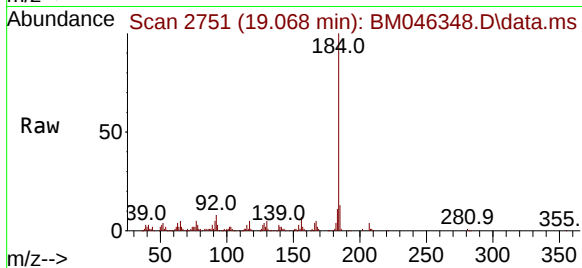
Tgt Ion:184 Resp: 246753

Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

183 11.2 9.4 14.2



#78

Pyrene

Concen: 41.978 ng

RT: 19.209 min Scan# 2775

Delta R.T. 0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

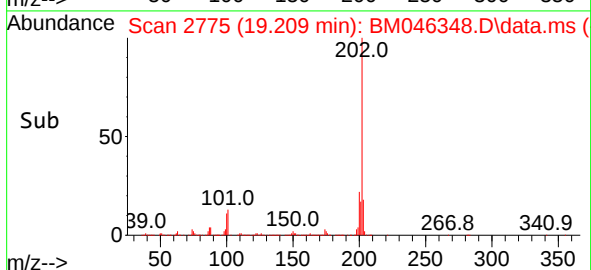
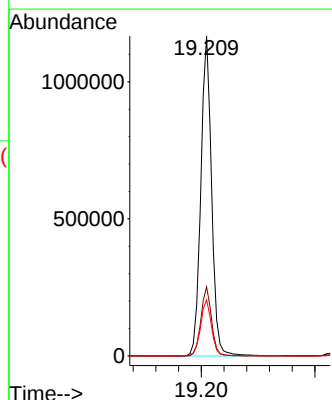
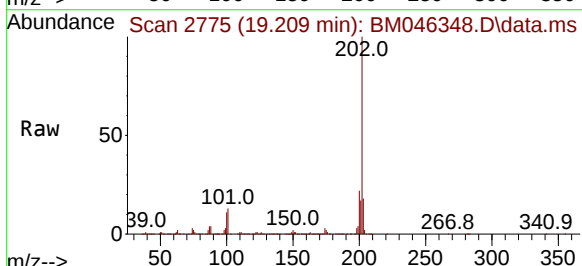
Tgt Ion:202 Resp: 1539463

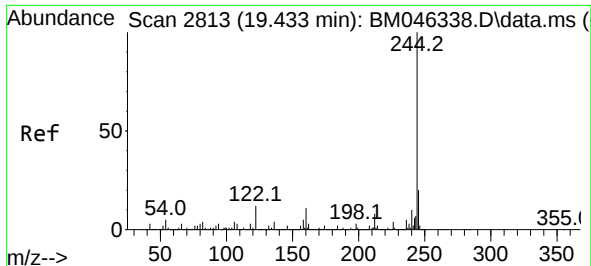
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 17.6 14.3 21.5

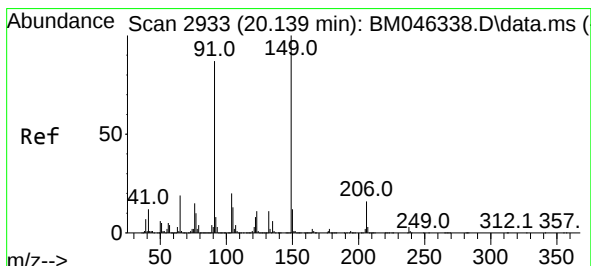
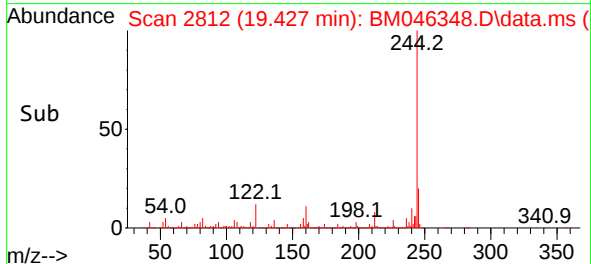
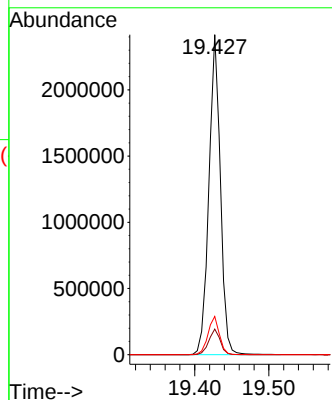
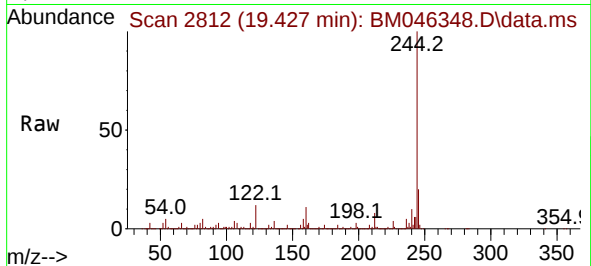




#79
 Terphenyl-d14
 Concen: 81.369 ng
 RT: 19.427 min Scan# 2812
 Delta R.T. -0.006 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

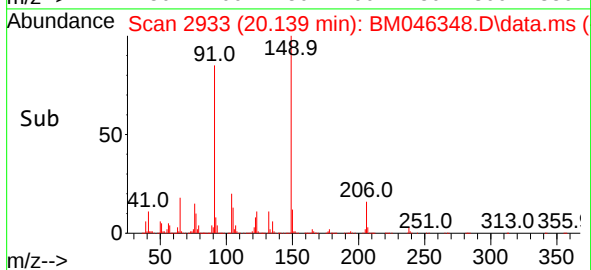
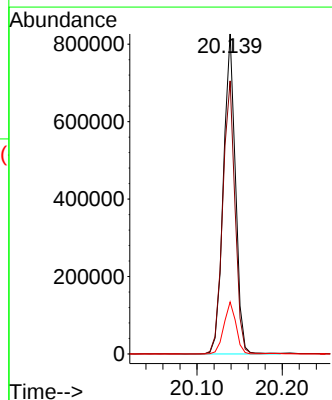
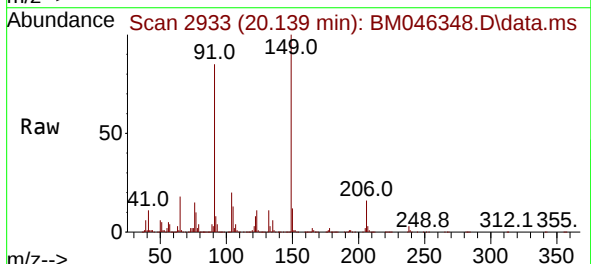
Instrument :
 BNA_M
 ClientSampleId :
 PB161624BS

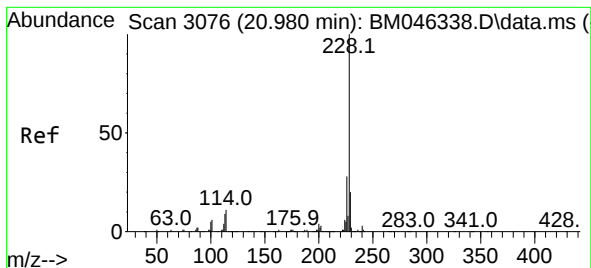
Tgt Ion:244 Resp: 2596536
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.9 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 46.954 ng
 RT: 20.139 min Scan# 2933
 Delta R.T. -0.000 min
 Lab File: BM046348.D
 Acq: 28 Jun 2024 11:57

Tgt Ion:149 Resp: 810190
 Ion Ratio Lower Upper
 149 100
 91 85.3 69.5 104.3
 206 16.3 13.0 19.6





#81

Benzo(a)anthracene

Concen: 47.260 ng

RT: 20.980 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

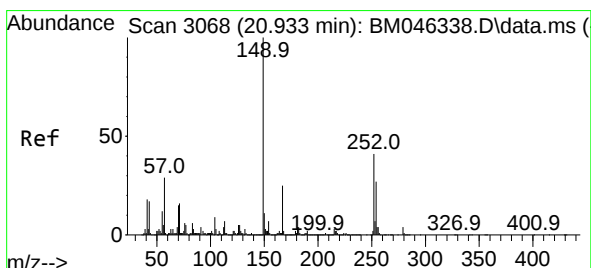
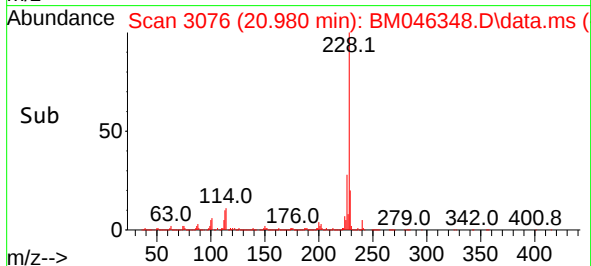
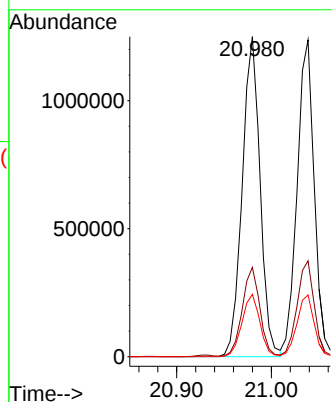
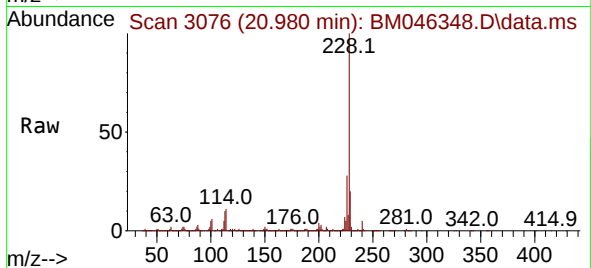
Tgt Ion:228 Resp: 1636781

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

229 19.5 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 42.546 ng

RT: 20.927 min Scan# 3067

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

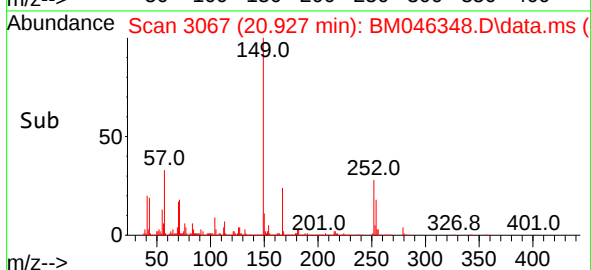
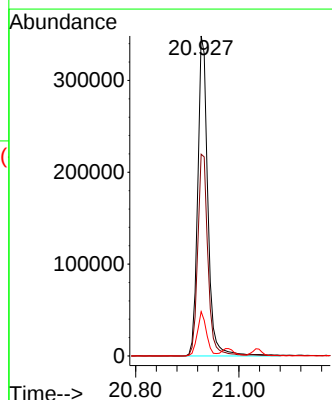
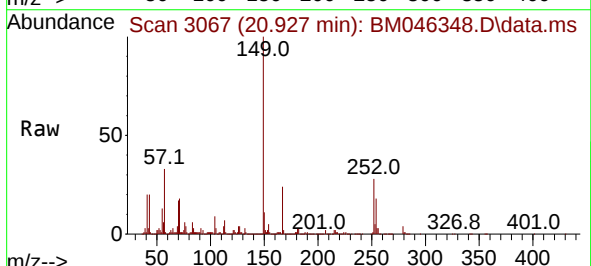
Tgt Ion:252 Resp: 472647

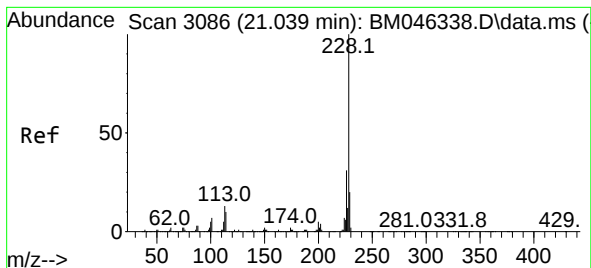
Ion Ratio Lower Upper

252 100

254 63.1 52.6 79.0

126 13.8 10.2 15.4





#83

Chrysene

Concen: 47.427 ng

RT: 21.039 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

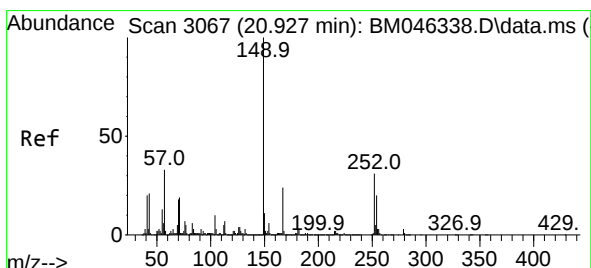
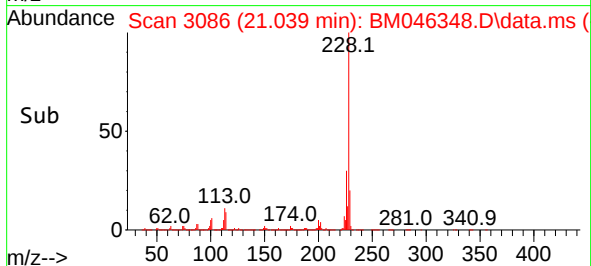
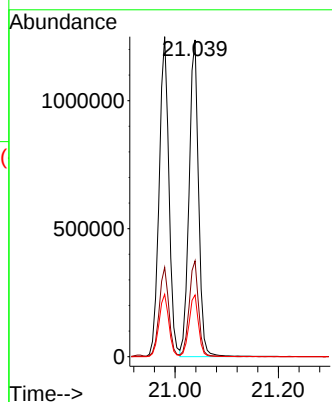
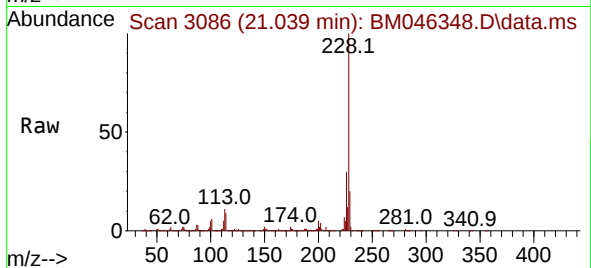
Tgt Ion:228 Resp: 1570921

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.482 ng

RT: 20.927 min Scan# 3067

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

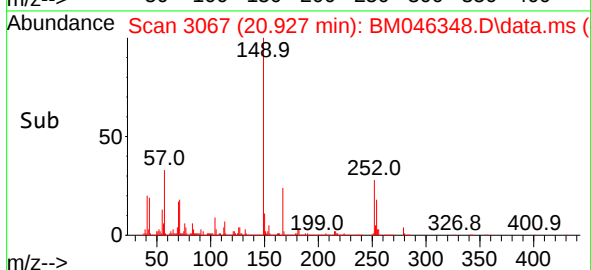
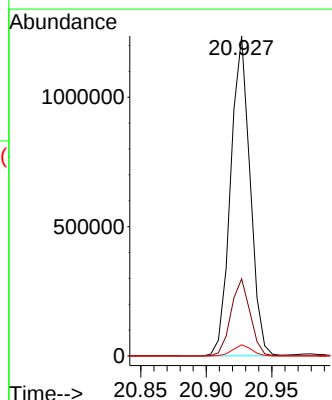
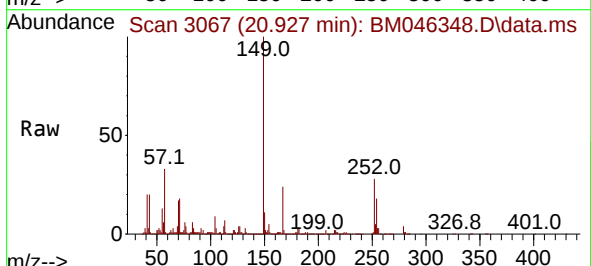
Tgt Ion:149 Resp: 1274546

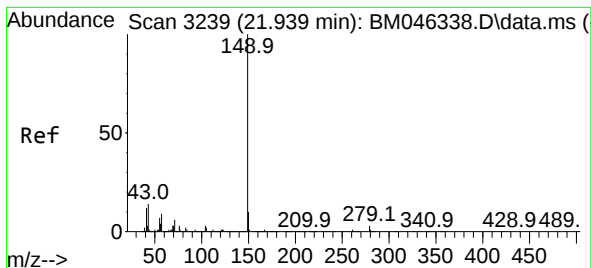
Ion Ratio Lower Upper

149 100

167 24.1 19.6 29.4

279 3.5 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 49.634 ng

RT: 21.939 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

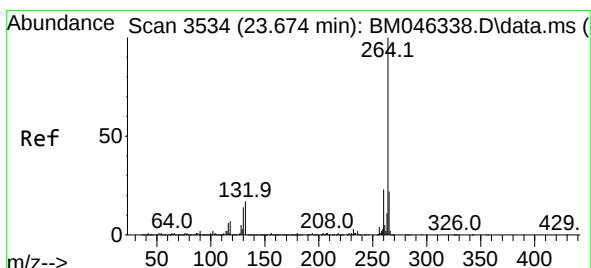
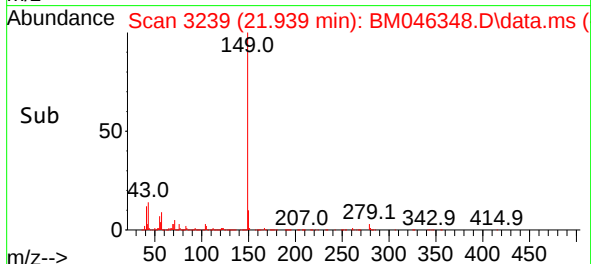
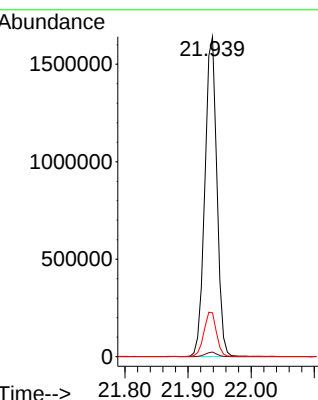
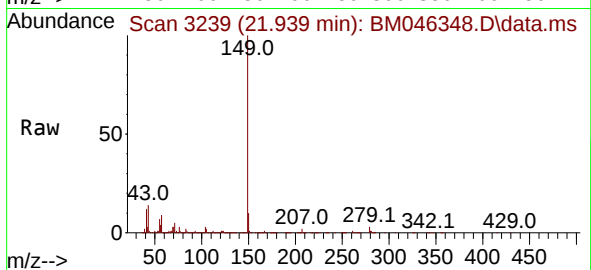
Tgt Ion:149 Resp: 2165093

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 14.4 11.6 17.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.668 min Scan# 3533

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

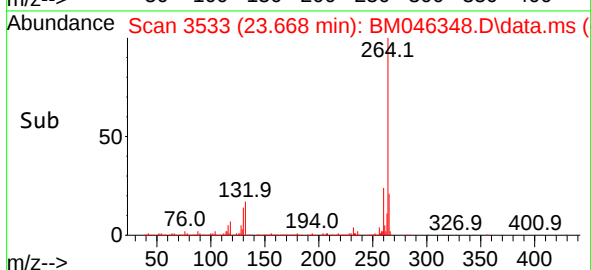
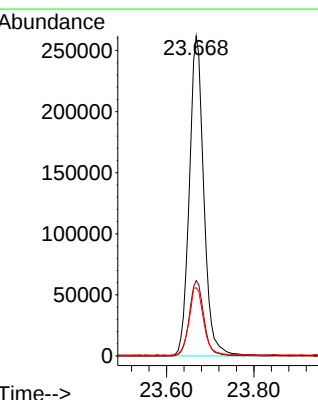
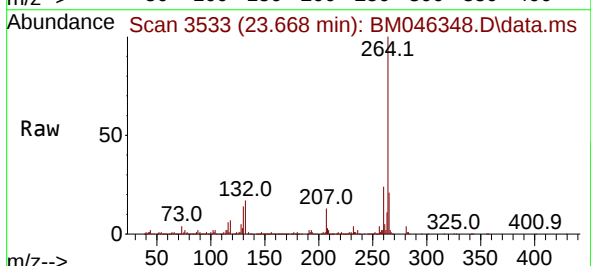
Tgt Ion:264 Resp: 604651

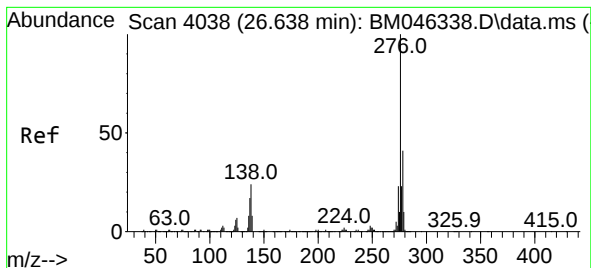
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.233 ng

RT: 26.627 min Scan# 4038

Delta R.T. -0.012 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

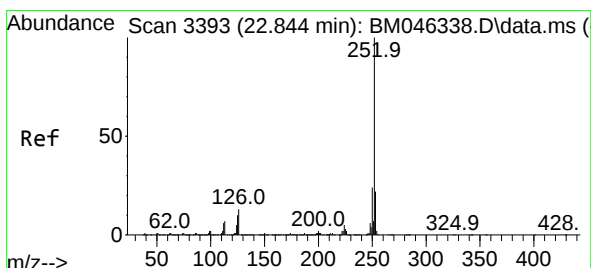
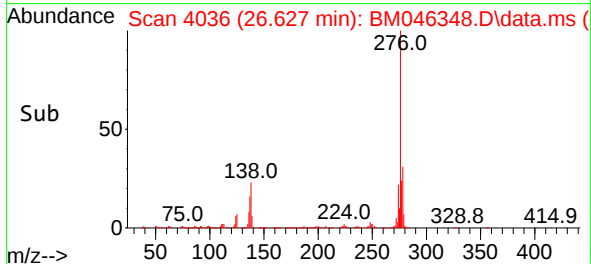
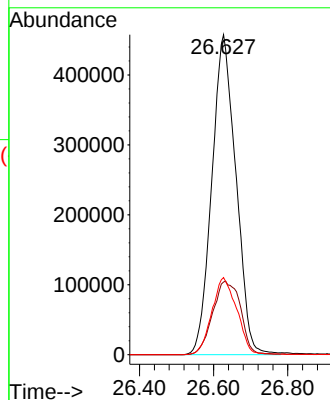
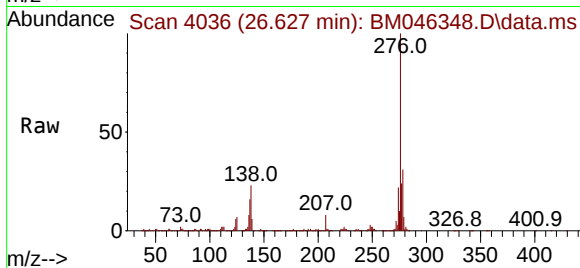
Tgt Ion:276 Resp: 2064422

Ion Ratio Lower Upper

276 100

138 26.6 21.4 32.2

277 24.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 49.201 ng

RT: 22.839 min Scan# 3392

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

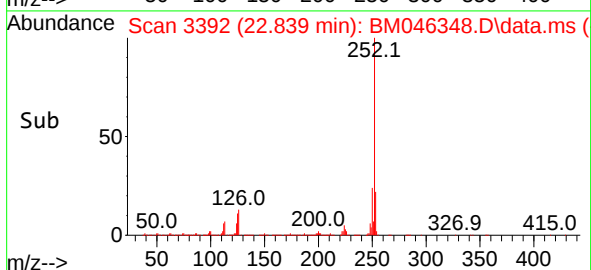
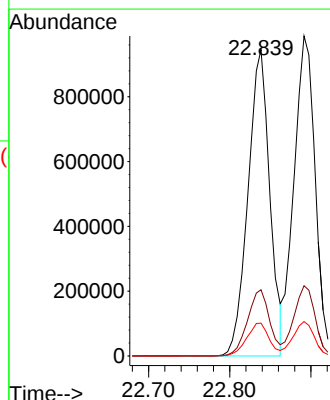
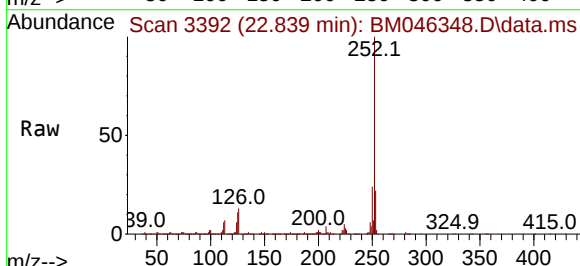
Tgt Ion:252 Resp: 1762076

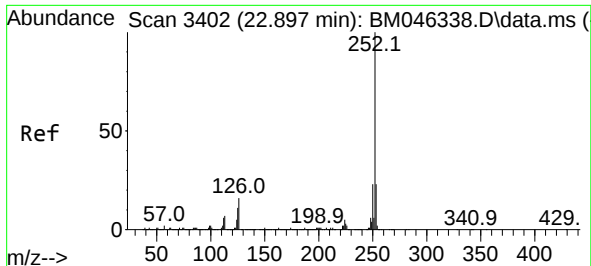
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.7 8.4 12.6

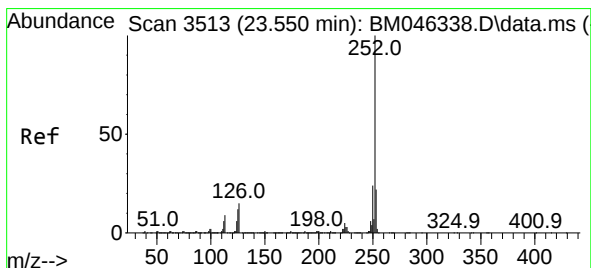
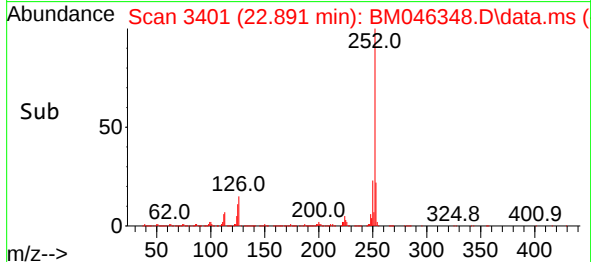
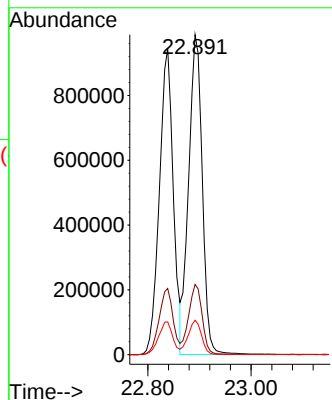
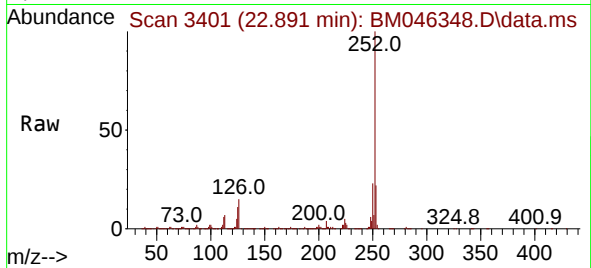




#89
Benzo(k)fluoranthene
Concen: 50.744 ng
RT: 22.891 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

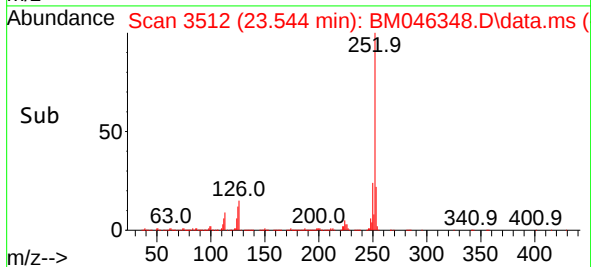
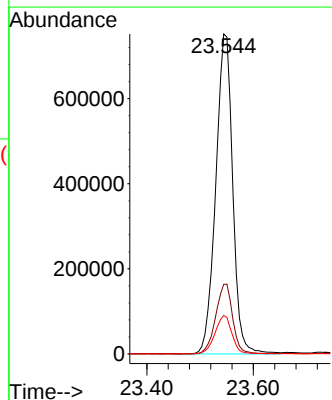
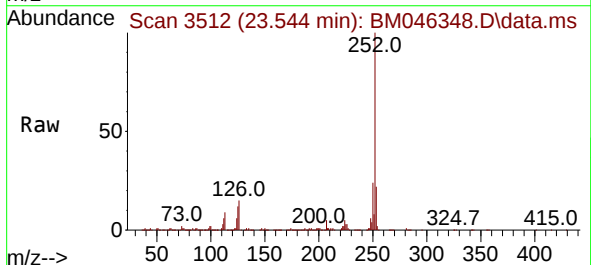
Instrument :
BNA_M
ClientSampleId :
PB161624BS

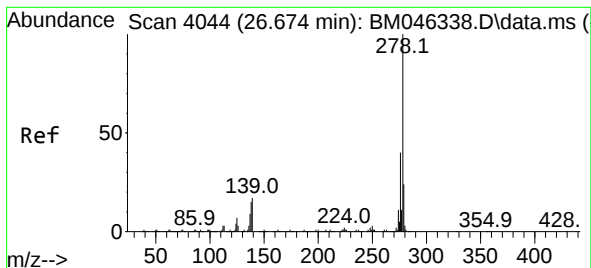
Tgt Ion:252 Resp: 1807808
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 52.757 ng
RT: 23.544 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BM046348.D
Acq: 28 Jun 2024 11:57

Tgt Ion:252 Resp: 1659540
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.0 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 53.118 ng

RT: 26.668 min Scan# 4044

Delta R.T. -0.006 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Instrument :

BNA_M

ClientSampleId :

PB161624BS

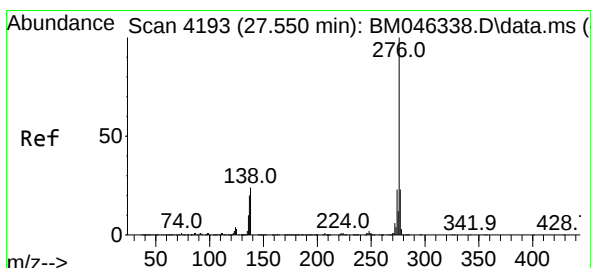
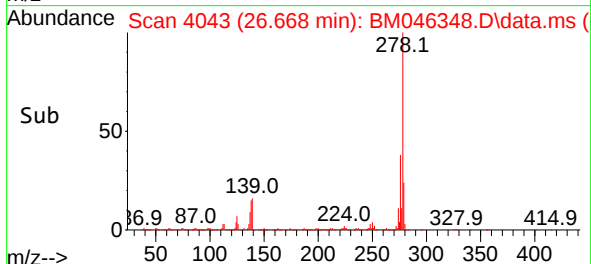
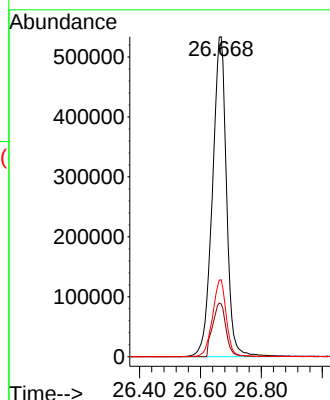
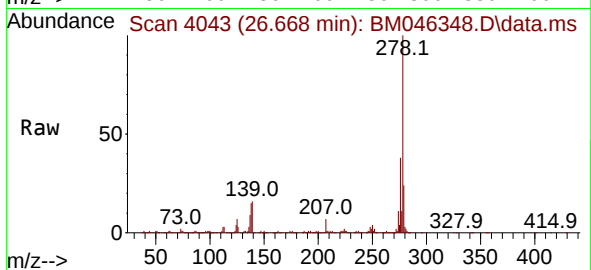
Tgt Ion:278 Resp: 1720035

Ion Ratio Lower Upper

278 100

139 16.5 13.7 20.5

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 49.783 ng

RT: 27.538 min Scan# 4191

Delta R.T. -0.012 min

Lab File: BM046348.D

Acq: 28 Jun 2024 11:57

Tgt Ion:276 Resp: 1596722

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 22.9 19.0 28.4

