

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047165.D
 Acq On : 12 Aug 2024 21:30
 Operator : RC/JU
 Sample : SP6604
 Misc : 8270 SPIKE SOLUTION
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6604

Quant Time: Aug 12 23:45:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	272297	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1138557	20.000	ng	0.00
39) Acenaphthene-d10	14.033	164	726396	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1410395	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1015578	20.000	ng	0.00
86) Perylene-d12	23.721	264	1059589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.757	112	264	0.017	ng	-0.26
7) Phenol-d6	6.587	99	886	0.042	ng	0.00
23) Nitrobenzene-d5	8.422	82	102190	4.519	ng	-0.10
42) 2,4,6-Tribromophenol	15.533	330	307	0.036	ng	0.00
45) 2-Fluorobiphenyl	12.645	172	64	0.001	ng	0.00
79) Terphenyl-d14	19.456	244	5560	0.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	326541	51.716	ng	98
3) Pyridine	3.404	79	845308	45.655	ng	100
4) n-Nitrosodimethylamine	3.328	42	442849	54.745	ng	100
6) Aniline	6.722	93	1259659	63.468	ng	99
8) 2-Chlorophenol	6.951	128	1055939	63.531	ng	99
9) Benzaldehyde	6.534	77	756070	Below Cal		99
10) Phenol	6.610	94	1322884	63.137	ng	99
11) bis(2-Chloroethyl)ether	6.822	93	990569	55.206	ng	99
12) 1,3-Dichlorobenzene	7.263	146	1057032	53.518	ng	98
13) 1,4-Dichlorobenzene	7.404	146	1070652	53.540	ng	99
14) 1,2-Dichlorobenzene	7.716	146	1043965	55.330	ng	99
15) Benzyl Alcohol	7.628	79	953505	63.804	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.898	45	1338159	58.119	ng	99
17) 2-Methylphenol	7.834	107	858802	61.438	ng	99
18) Hexachloroethane	8.428	117	416928	53.824	ng	99
19) n-Nitroso-di-n-propyla...	8.187	70	763461	53.978	ng	99
20) 3+4-Methylphenols	8.157	107	1186480	60.715	ng	97
22) Acetophenone	8.192	105	1411780	51.369	ng	# 98
24) Nitrobenzene	8.563	77	1185455	52.066	ng	98
25) Isophorone	9.086	82	2087603	53.025	ng	99
26) 2-Nitrophenol	9.263	139	576653	57.189	ng	99
27) 2,4-Dimethylphenol	9.345	122	848374	71.826	ng	99
28) bis(2-Chloroethoxy)met...	9.575	93	1354700	54.685	ng	100
29) 2,4-Dichlorophenol	9.792	162	1055109	60.204	ng	99
30) 1,2,4-Trichlorobenzene	9.998	180	1019553	51.406	ng	100
31) Naphthalene	10.181	128	2970832	52.378	ng	100
32) Benzoic acid	9.534	122	736399	53.663	ng	99
33) 4-Chloroaniline	10.304	127	762588	34.963	ng	99
34) Hexachlorobutadiene	10.463	225	601471	51.812	ng	99
35) Caprolactam	11.110	113	168795	27.734	ng	98
36) 4-Chloro-3-methylphenol	11.451	107	1026013	54.971	ng	98
37) 2-Methylnaphthalene	11.804	142	2146003	53.140	ng	100
38) 1-Methylnaphthalene	12.027	142	2005731	50.254	ng	99
40) 1,2,4,5-Tetrachloroben...	12.186	216	1072139	54.114	ng	98
41) Hexachlorocyclopentadiene	12.163	237	1491895	215.642	ng	98
43) 2,4,6-Trichlorophenol	12.445	196	808273	57.396	ng	99

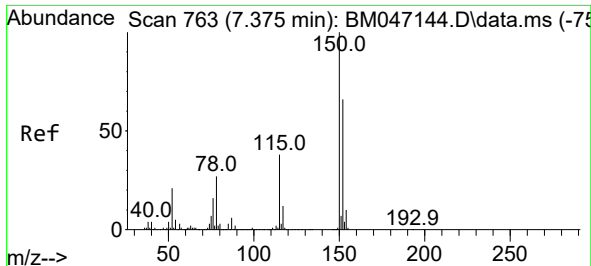
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	874576	55.935	ng	100
46) 1,1'-Biphenyl	12.851	154	2784661	53.848	ng	99
47) 2-Chloronaphthalene	12.886	162	2130675	52.714	ng	99
48) 2-Nitroaniline	13.110	65	689208	54.428	ng	97
49) Acenaphthylene	13.745	152	3387308	56.854	ng	100
50) Dimethylphthalate	13.516	163	2656594	52.365	ng	99
51) 2,6-Dinitrotoluene	13.627	165	601483	50.718	ng	96
52) Acenaphthene	14.098	154	2049386	54.227	ng	100
53) 3-Nitroaniline	13.957	138	437943	36.853	ng	98
54) 2,4-Dinitrophenol	14.174	184	785594	110.525	ng	98
55) Dibenzofuran	14.439	168	3124944	52.348	ng	100
56) 4-Nitrophenol	14.298	139	1022239	99.758	ng	95
57) 2,4-Dinitrotoluene	14.427	165	790570	49.943	ng	98
58) Fluorene	15.092	166	2505970	50.877	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	695905	54.155	ng	99
60) Diethylphthalate	14.892	149	2596179	50.113	ng	100
61) 4-Chlorophenyl-phenyle...	15.098	204	1204348	51.359	ng	99
62) 4-Nitroaniline	15.133	138	545144	46.564	ng	99
63) Azobenzene	15.392	77	2544109	51.792	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	460794	55.802	ng	95
66) n-Nitrosodiphenylamine	15.321	169	2169191	56.466	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	748221	55.054	ng	99
68) Hexachlorobenzene	16.098	284	872599	53.609	ng	99
69) Atrazine	16.292	200	749001	64.793	ng	99
70) Pentachlorophenol	16.451	266	1156723	101.378	ng	98
71) Phenanthrene	16.833	178	3822278	54.001	ng	100
72) Anthracene	16.927	178	3891233	56.499	ng	100
73) Carbazole	17.204	167	3519217	50.045	ng	100
74) Di-n-butylphthalate	17.792	149	4201785	51.352	ng	99
75) Fluoranthene	18.868	202	4166972	48.400	ng	99
77) Benzidine	19.074	184	3109478	180.546	ng	100
78) Pyrene	19.233	202	4299534	59.292	ng	100
80) Butylbenzylphthalate	20.174	149	1788285	60.428	ng	96
81) Benzo(a)anthracene	21.009	228	3735131	55.401	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	982057	46.555	ng	98
83) Chrysene	21.062	228	3477134	54.359	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	2472422	58.911	ng	99
85) Di-n-octyl phthalate	22.003	149	4065131	56.987	ng	100
87) Indeno(1,2,3-cd)pyrene	26.715	276	3710539	54.177	ng	100
88) Benzo(b)fluoranthene	22.880	252	3481605	55.330	ng	100
89) Benzo(k)fluoranthene	22.933	252	3515578	59.150	ng	100
90) Benzo(a)pyrene	23.597	252	3296464	60.475	ng	100
91) Dibenzo(a,h)anthracene	26.762	278	3020408	54.494	ng	100
92) Benzo(g,h,i)perylene	27.632	276	2828088	49.144	ng	100

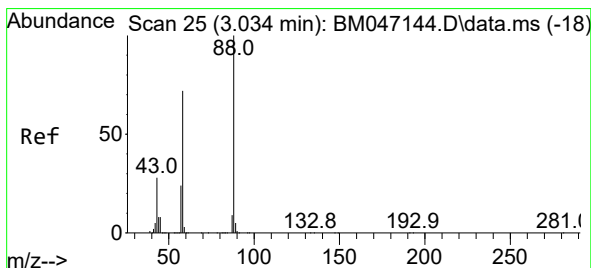
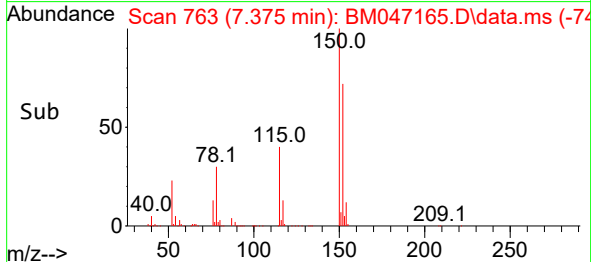
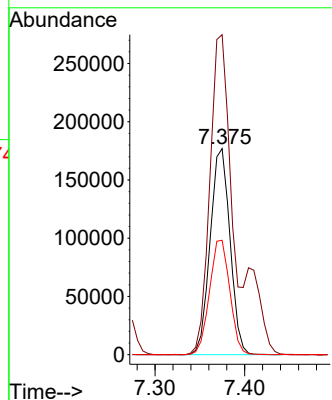
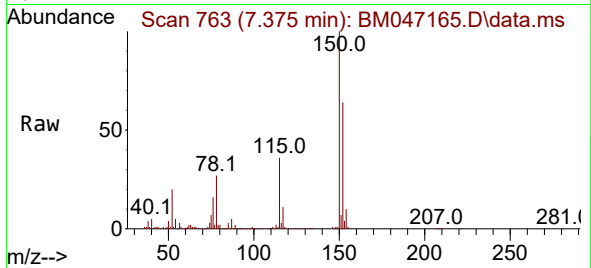
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

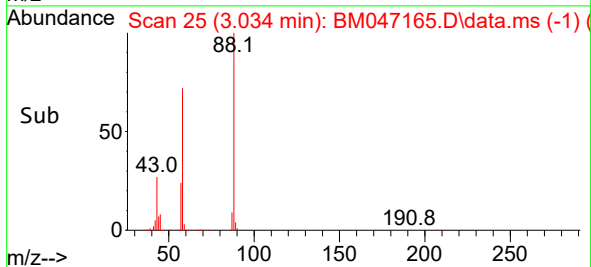
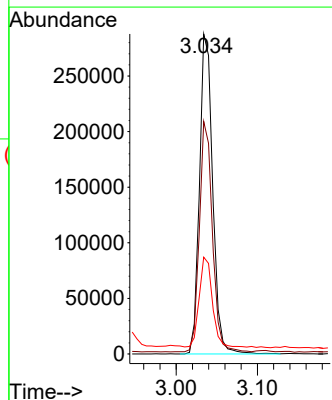
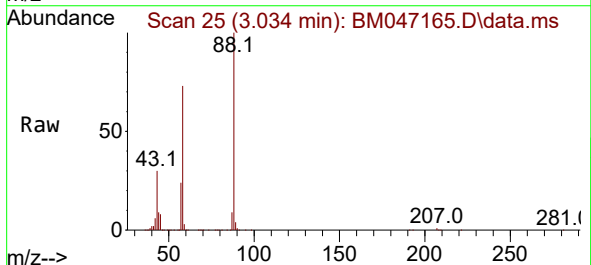
Instrument :
BNA_M
ClientSampleId :
SP6604

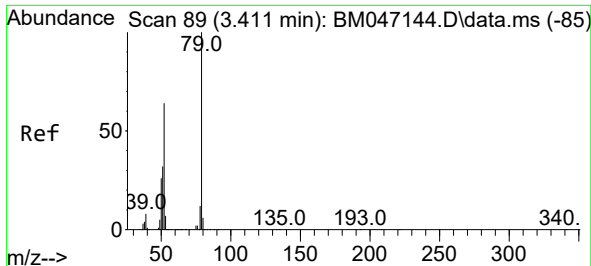
Tgt Ion:152 Resp: 272297
Ion Ratio Lower Upper
152 100
150 155.3 120.5 180.7
115 55.5 45.5 68.3



#2
1,4-Dioxane
Concen: 51.716 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 88 Resp: 326541
Ion Ratio Lower Upper
88 100
58 70.6 58.2 87.4
43 27.8 22.5 33.7



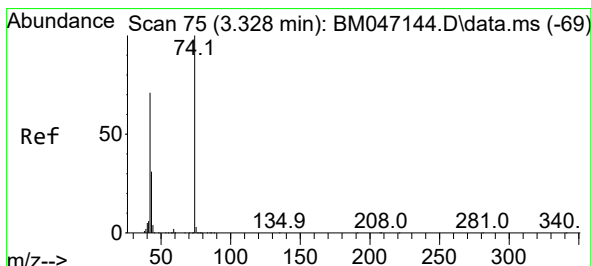
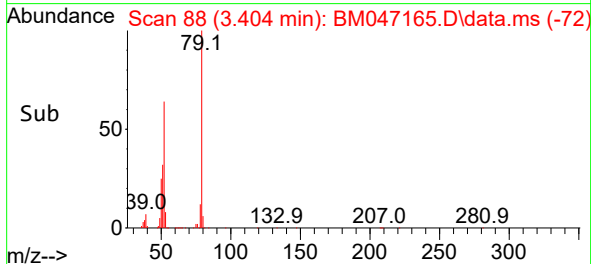
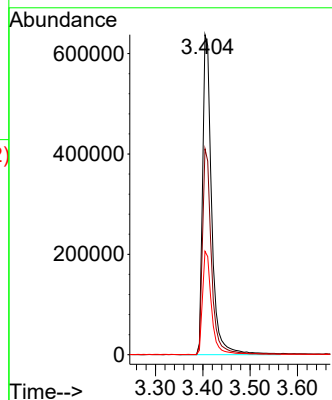
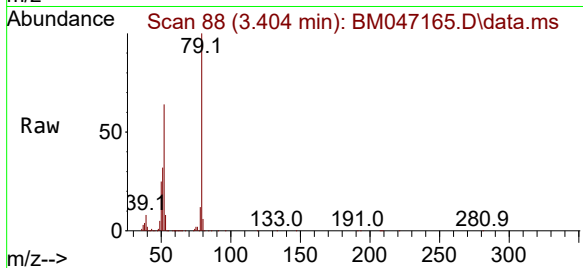


#3
 Pyridine
 Concen: 45.655 ng
 RT: 3.404 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BM047165.D
 Acq: 12 Aug 2024 21:30

Instrument :
 BNA_M
 ClientSampleId :
 SP6604

Tgt Ion: 79 Resp: 845308

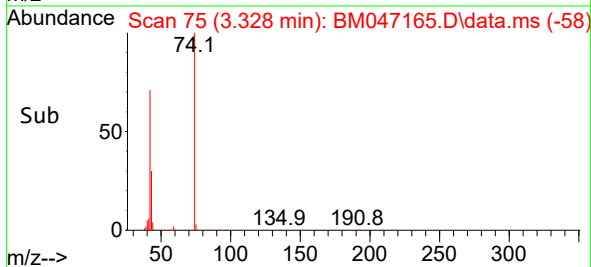
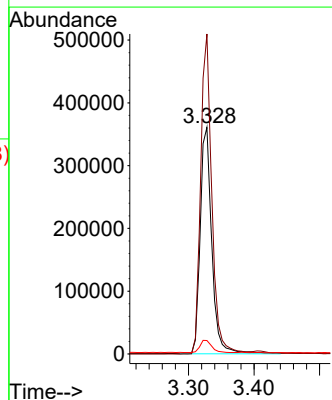
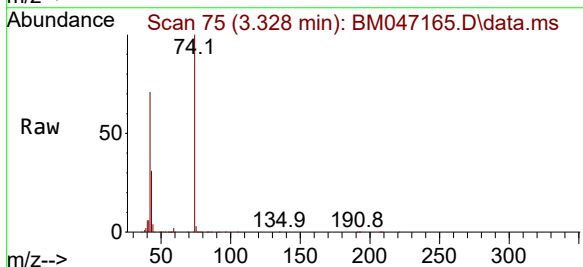
Ion	Ratio	Lower	Upper
79	100		
52	64.3	51.2	76.8
51	32.3	26.1	39.1

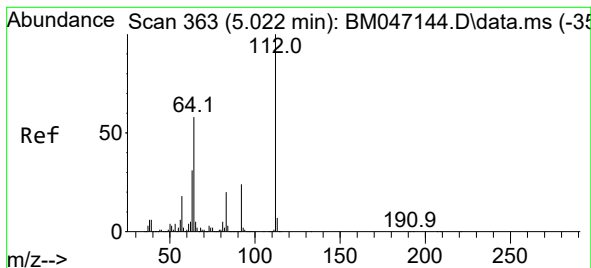


#4
 n-Nitrosodimethylamine
 Concen: 54.745 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047165.D
 Acq: 12 Aug 2024 21:30

Tgt Ion: 42 Resp: 442849

Ion	Ratio	Lower	Upper
42	100		
74	141.3	112.9	169.3
44	6.0	5.3	7.9

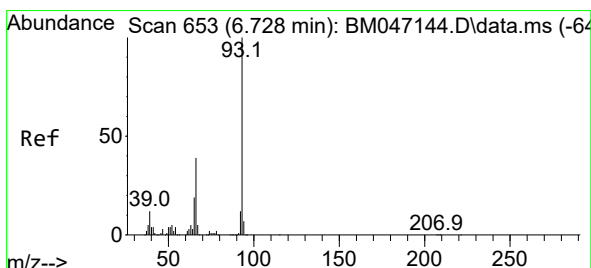
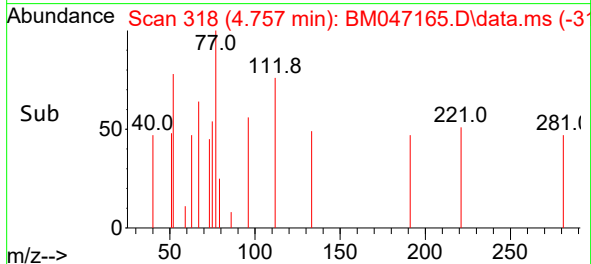
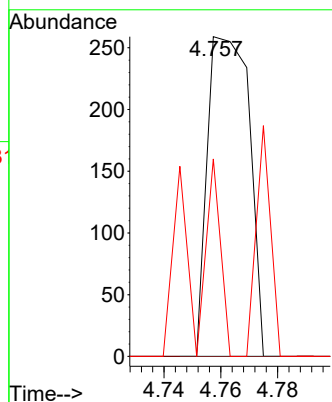
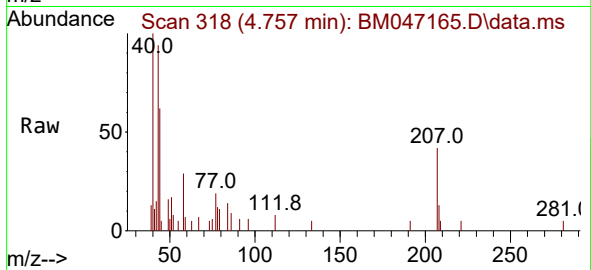




#5
2-Fluorophenol
Concen: 0.017 ng
RT: 4.757 min Scan# 31
Delta R.T. -0.265 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

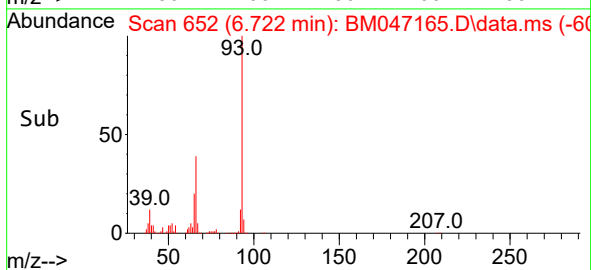
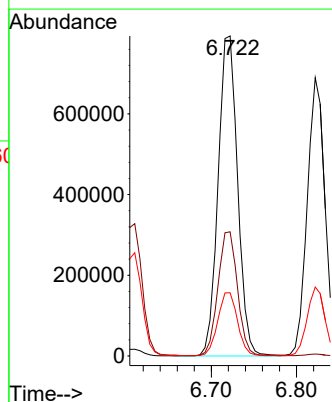
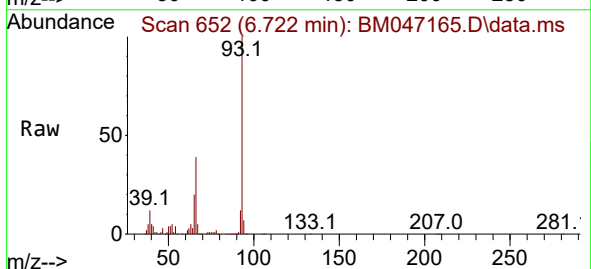
Instrument :
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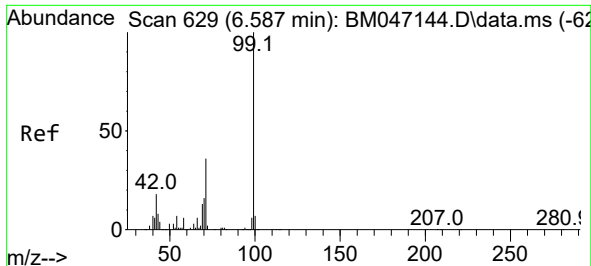
Tgt Ion:112 Resp: 264
Ion Ratio Lower Upper
112 100
64 0.0 46.7 70.1#
63 61.8 24.8 37.2#



#6
Aniline
Concen: 63.468 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 93 Resp: 1259659
Ion Ratio Lower Upper
93 100
66 38.8 31.4 47.2
65 19.7 15.6 23.4

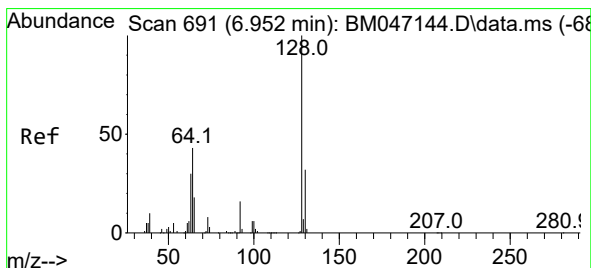
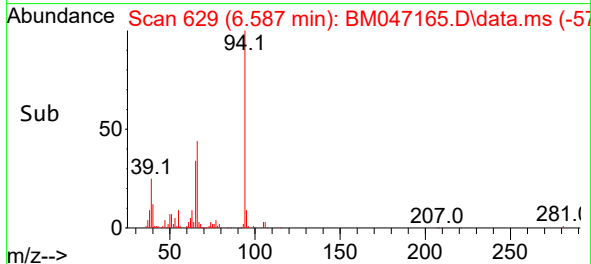
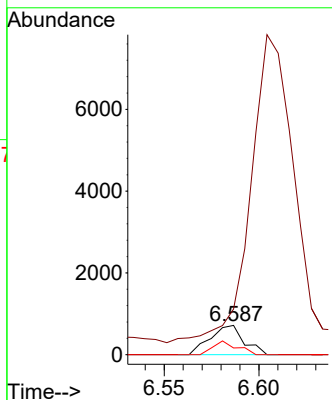
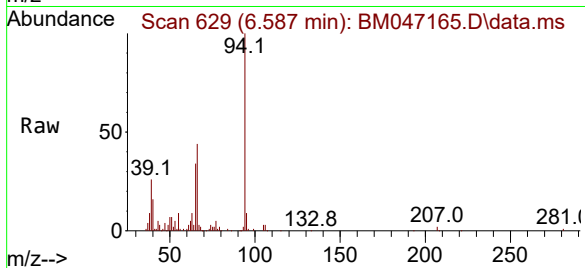




#7
Phenol-d6
Concen: 0.042 ng
RT: 6.587 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

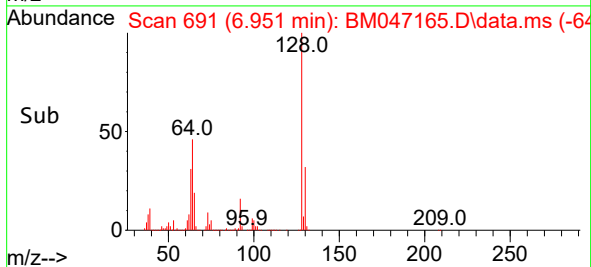
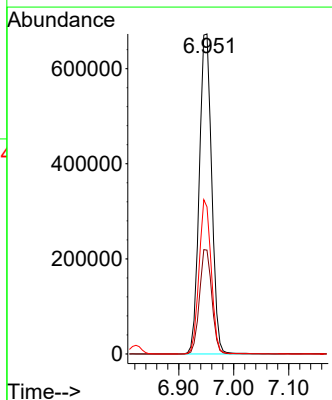
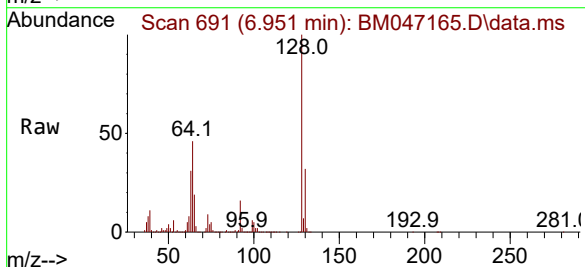
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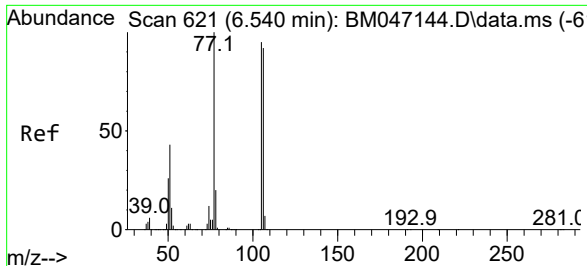
Tgt Ion: 99 Resp: 886
Ion Ratio Lower Upper
99 100
42 155.7 14.1 21.1#
71 23.2 28.5 42.7#



#8
2-Chlorophenol
Concen: 63.531 ng
RT: 6.951 min Scan# 691
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 128 Resp: 1055939
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 46.0 26.6 66.6

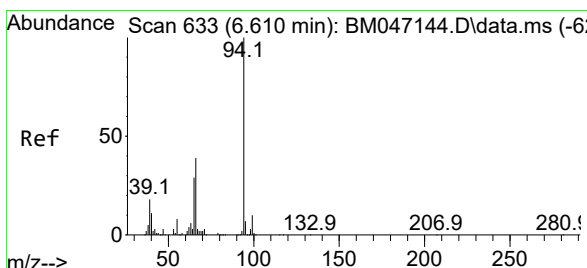
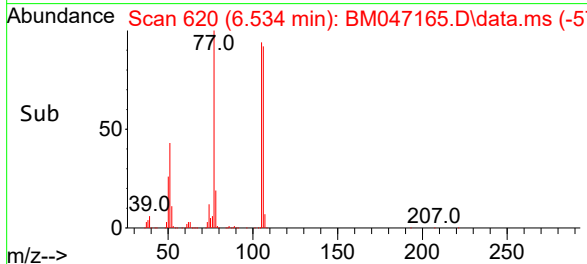
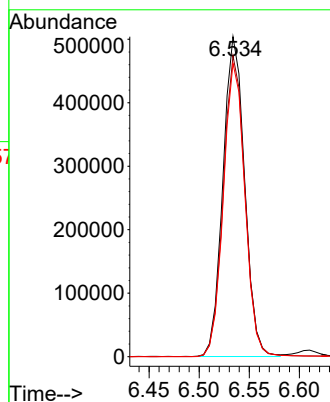
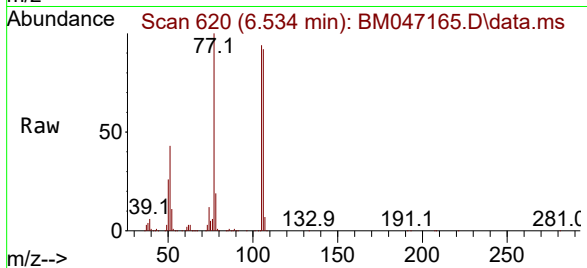




#9
Benzaldehyde
Concen: Below Cal
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

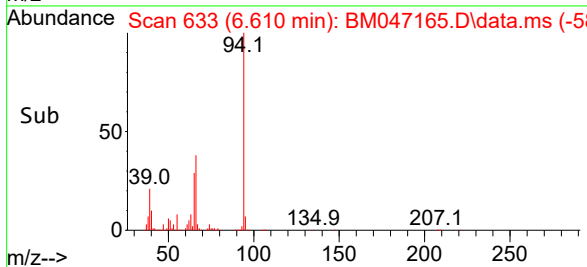
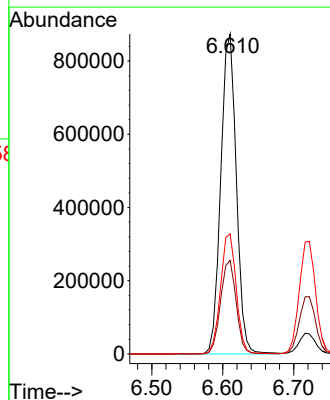
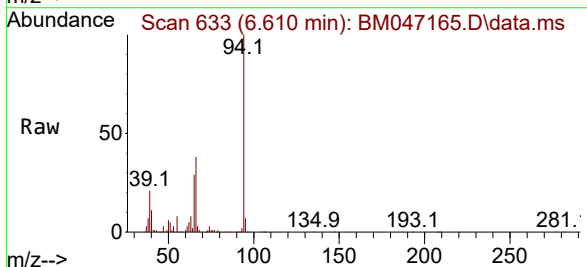
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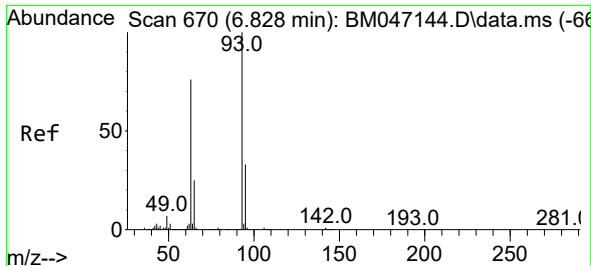
Tgt Ion: 77 Resp: 756070
Ion Ratio Lower Upper
77 100
105 94.0 74.5 114.5
106 91.7 72.3 112.3



#10
Phenol
Concen: 63.137 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 94 Resp: 1322884
Ion Ratio Lower Upper
94 100
65 29.3 9.0 49.0
66 37.5 18.9 58.9

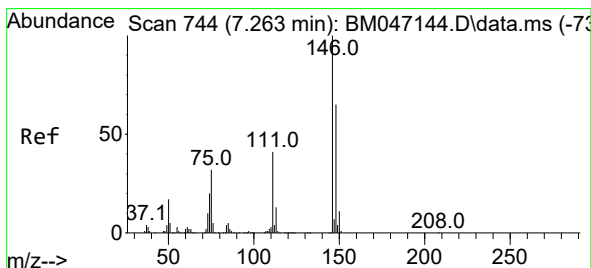
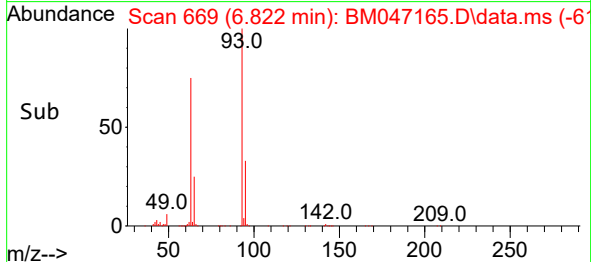
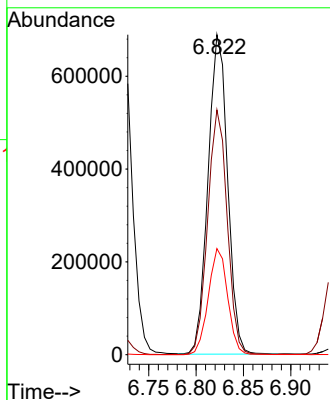
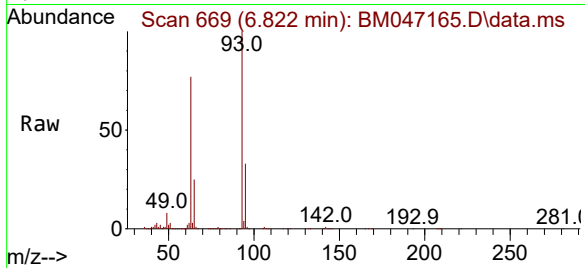




#11
bis(2-Chloroethyl)ether
Concen: 55.206 ng
RT: 6.822 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

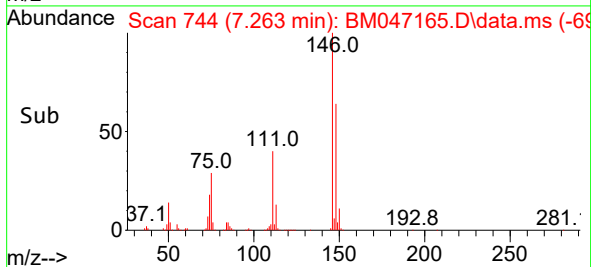
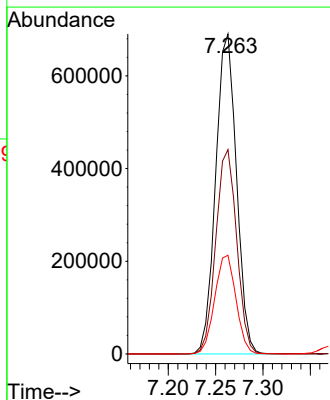
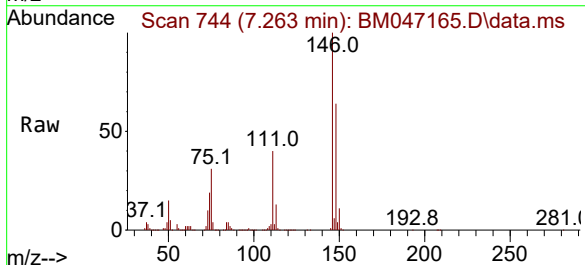
Instrument :
BNA_M
ClientSampleId :
SP6604

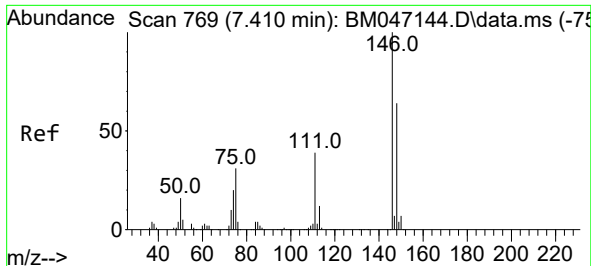
Tgt Ion: 93 Resp: 990569
Ion Ratio Lower Upper
93 100
63 76.5 55.8 95.8
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 53.518 ng
RT: 7.263 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:146 Resp: 1057032
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
75 30.9 25.8 38.6

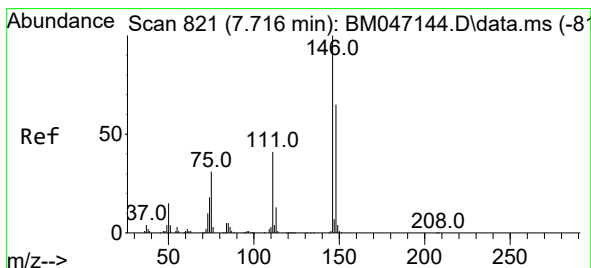
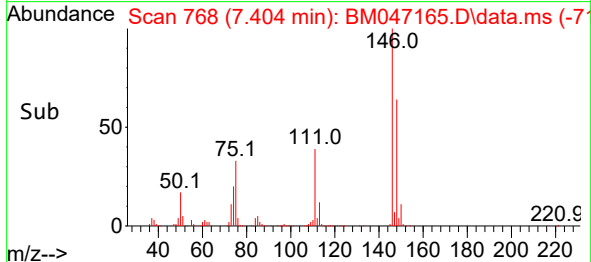
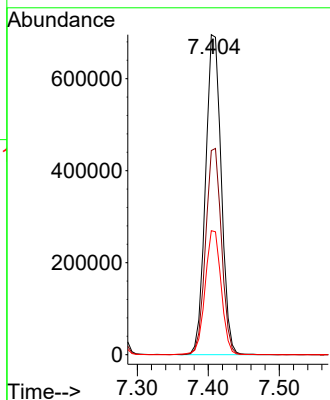
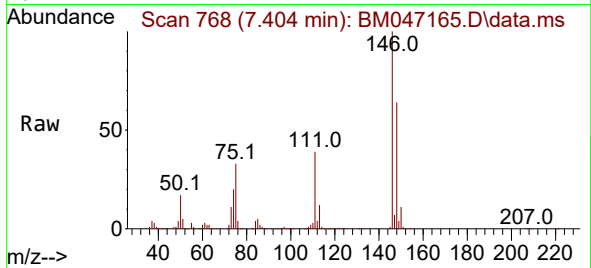




#13
1,4-Dichlorobenzene
Concen: 53.540 ng
RT: 7.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

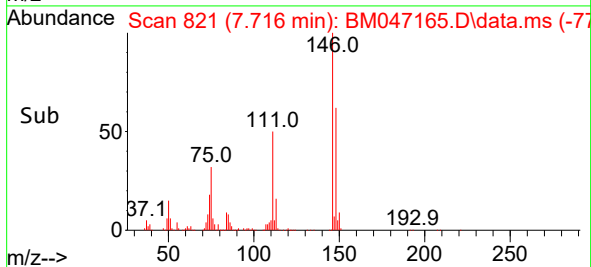
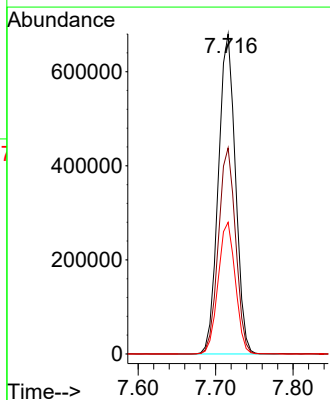
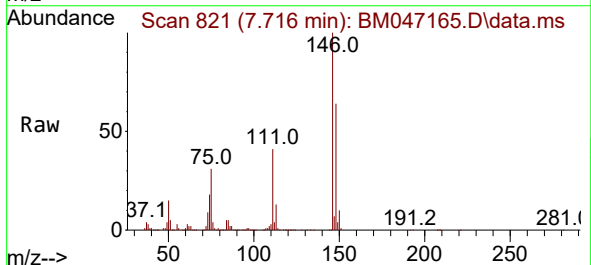
Instrument :
BNA_M
ClientSampleId :
SP6604

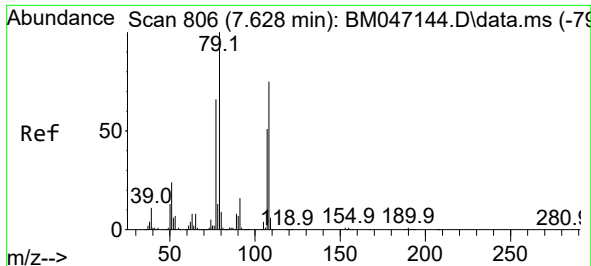
Tgt Ion:146 Resp: 1070652
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 38.7 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 55.330 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:146 Resp: 1043965
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 41.2 33.3 49.9

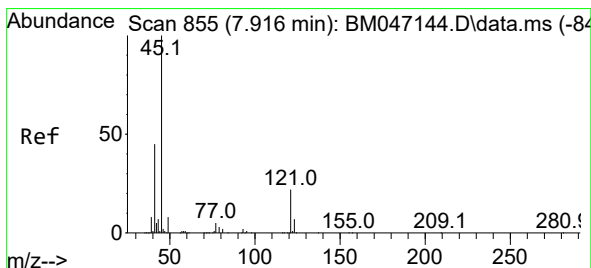
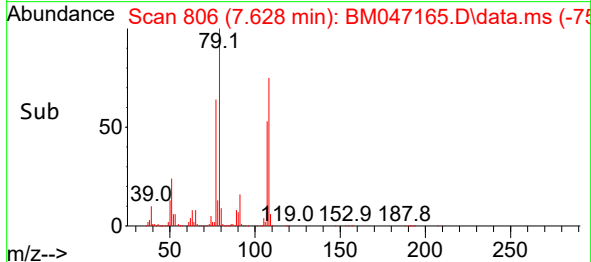
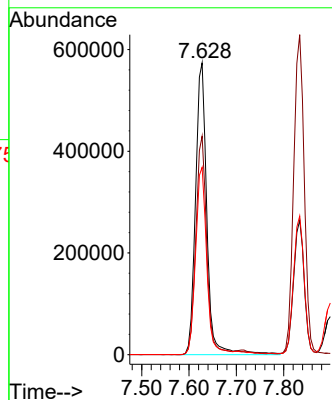
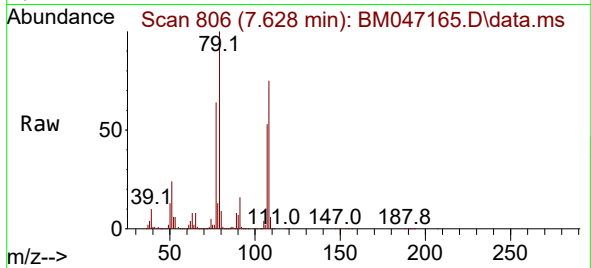




#15
Benzyl Alcohol
Concen: 63.804 ng
RT: 7.628 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

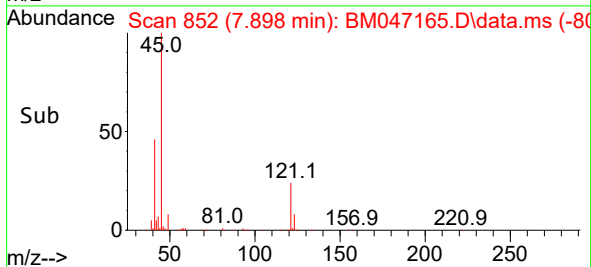
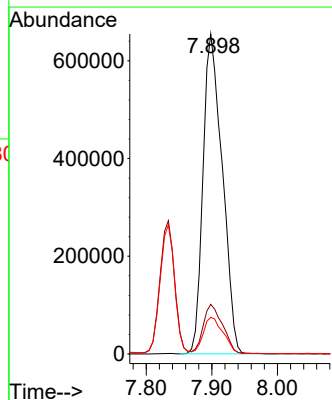
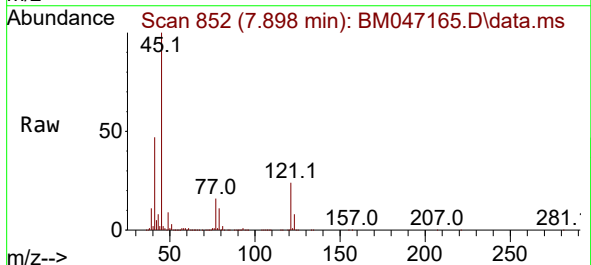
Instrument :
BNA_M
ClientSampleId :
SP6604

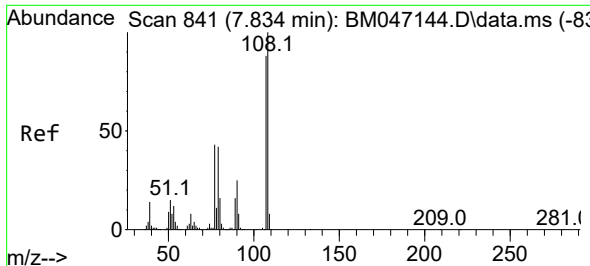
Tgt Ion: 79 Resp: 953505
Ion Ratio Lower Upper
79 100
108 74.9 59.7 89.5
77 64.2 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.119 ng
RT: 7.898 min Scan# 852
Delta R.T. -0.018 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 45 Resp: 1338159
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.6
79 11.4 0.0 32.4

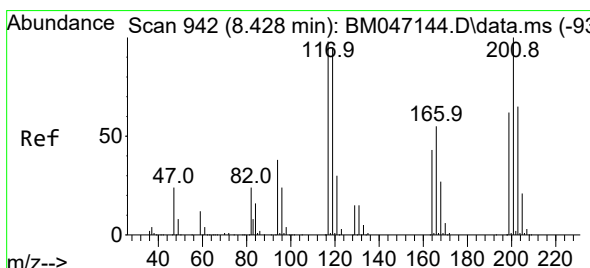
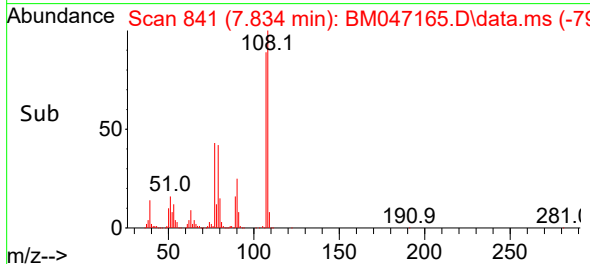
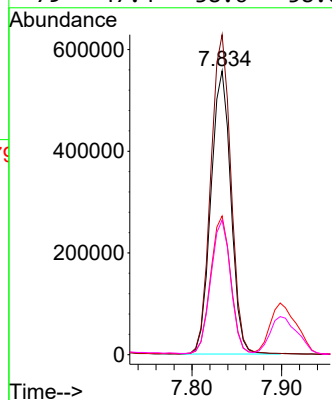
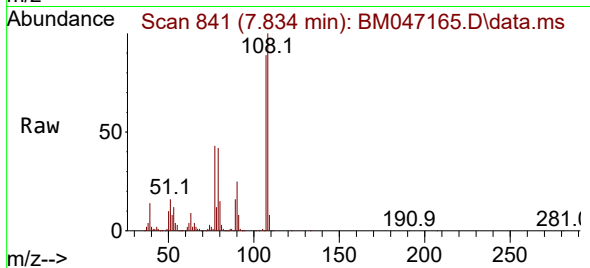




#17
2-Methylphenol
Concen: 61.438 ng
RT: 7.834 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

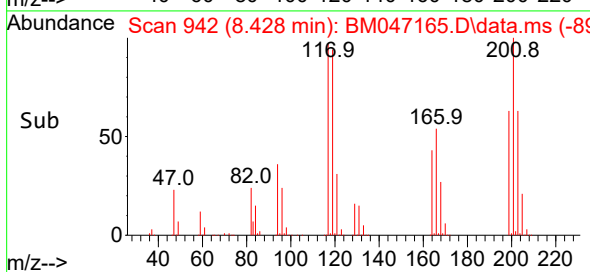
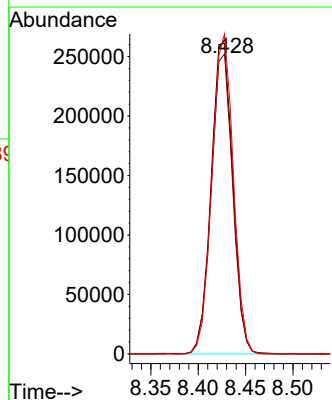
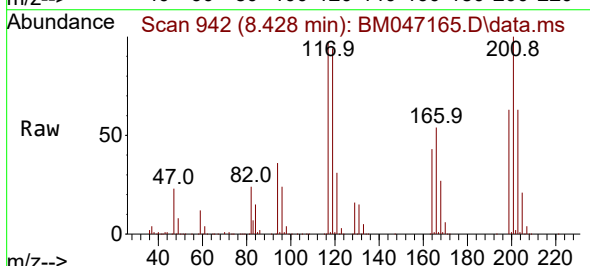
Instrument :
BNA_M
ClientSampleId :
SP6604

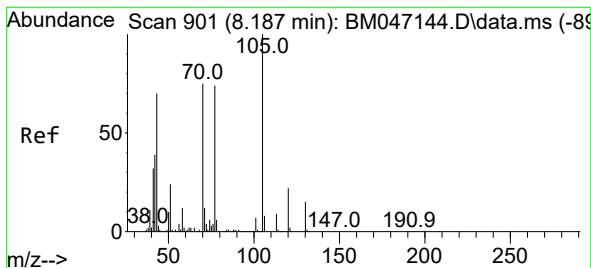
Tgt Ion:	107	Resp:	858802
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	135.8
77	48.9	39.3	58.9
79	47.4	38.6	58.0



#18
Hexachloroethane
Concen: 53.824 ng
RT: 8.428 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:	117	Resp:	416928
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.4
201	103.1	81.3	121.9

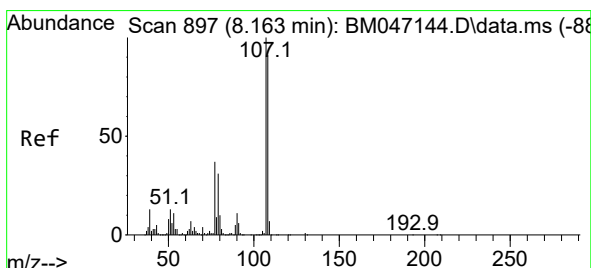
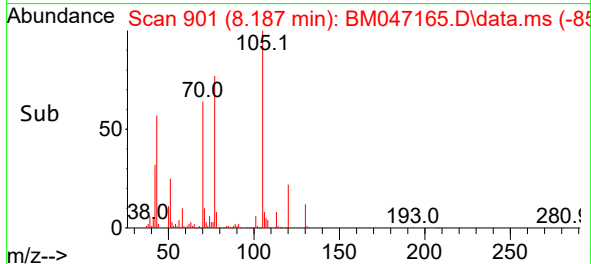
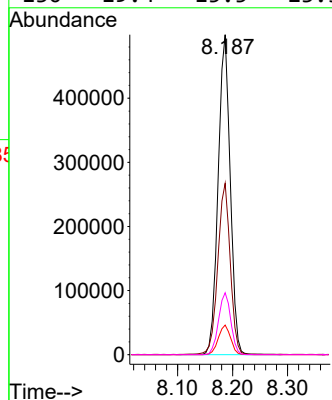
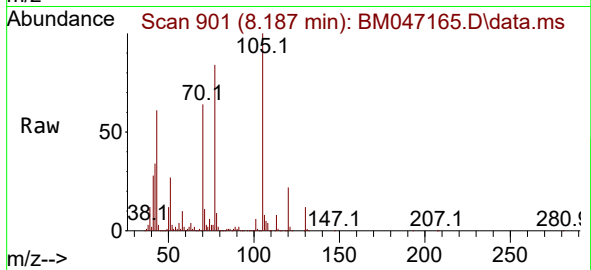




#19
n-Nitroso-di-n-propylamine
Concen: 53.978 ng
RT: 8.187 min Scan# 901
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

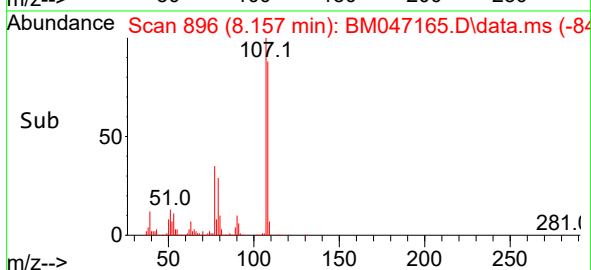
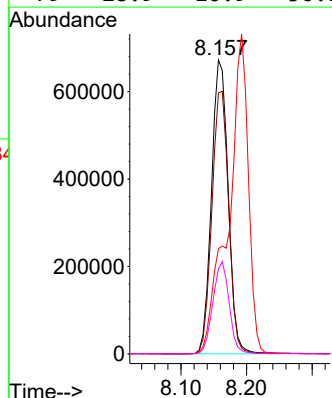
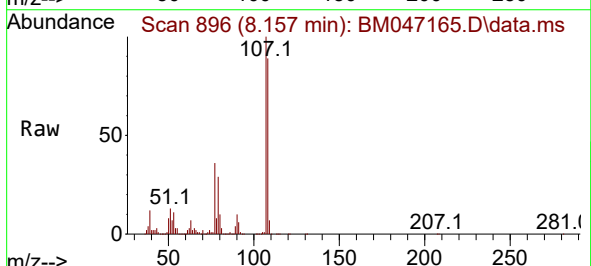
Instrument :
BNA_M
ClientSampleId :
SP6604

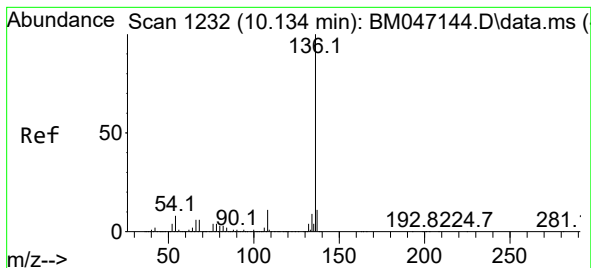
Tgt Ion: 70 Resp: 763461
Ion Ratio Lower Upper
70 100
42 53.5 42.0 63.0
101 9.3 7.2 10.8
130 19.4 15.5 23.3



#20
3+4-Methylphenols
Concen: 60.715 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 107 Resp: 1186480
Ion Ratio Lower Upper
107 100
108 88.7 70.7 110.7
77 35.8 17.4 57.4
79 28.9 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

Tgt Ion:136 Resp: 1138557

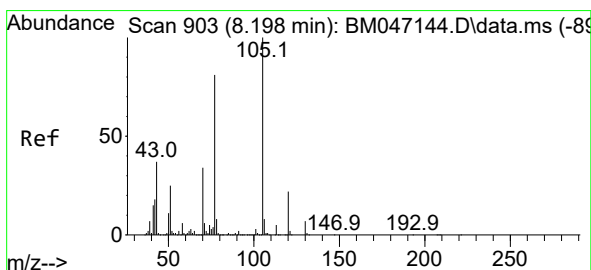
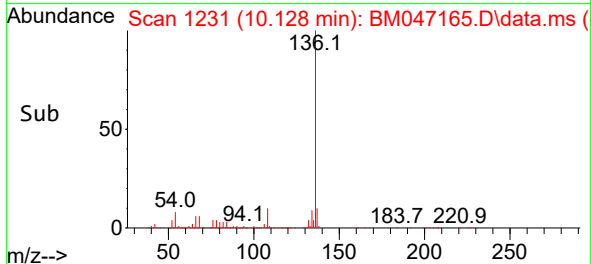
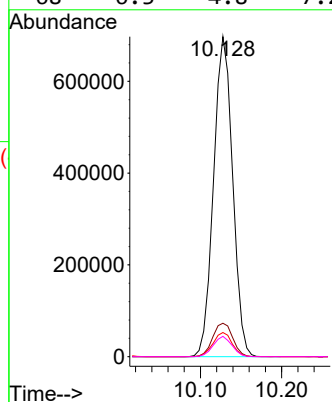
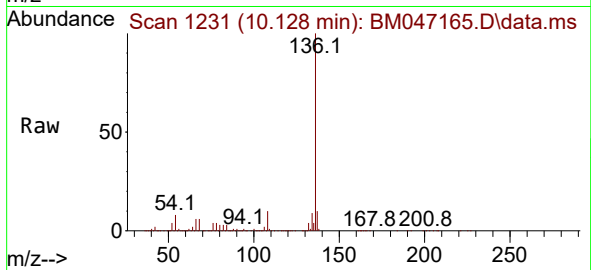
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.5 6.0 9.0

68 6.3 4.8 7.2



#22

Acetophenone

Concen: 51.369 ng

RT: 8.192 min Scan# 902

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Tgt Ion:105 Resp: 1411780

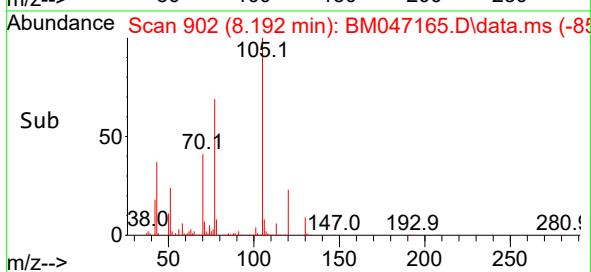
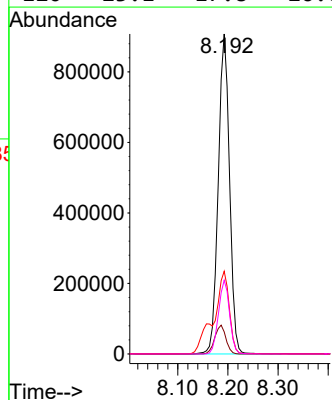
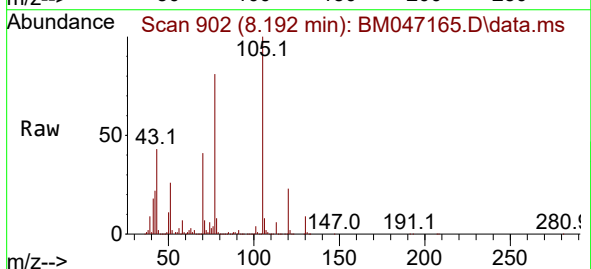
Ion Ratio Lower Upper

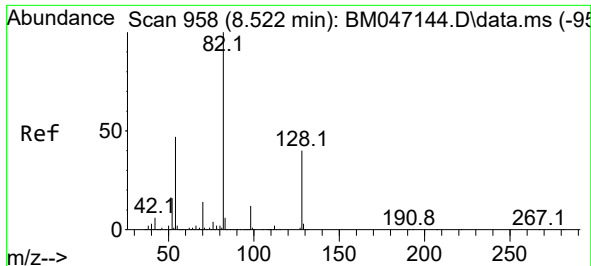
105 100

71 6.9 4.5 6.7#

51 25.8 20.1 30.1

120 23.1 17.8 26.6

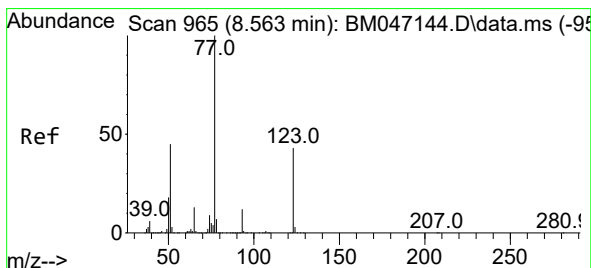
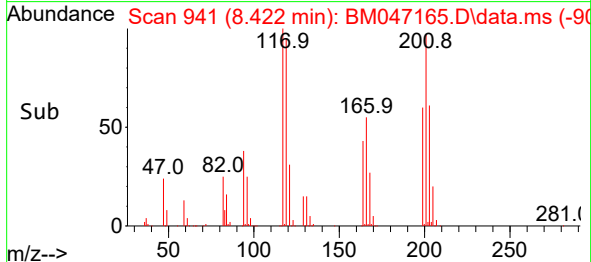
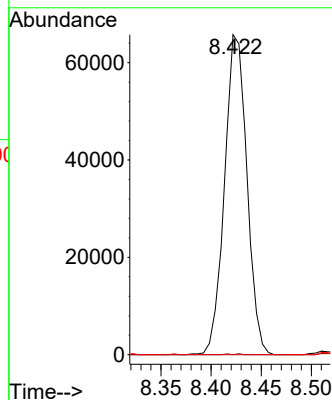
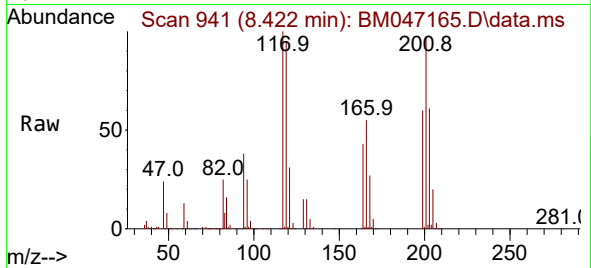




#23
Nitrobenzene-d5
Concen: 4.519 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.100 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

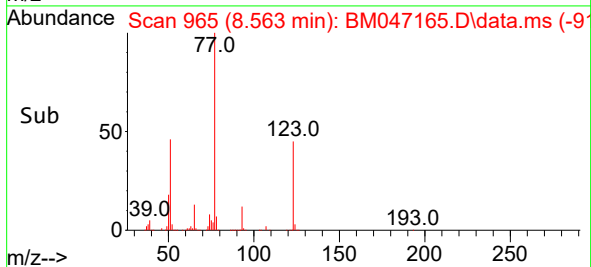
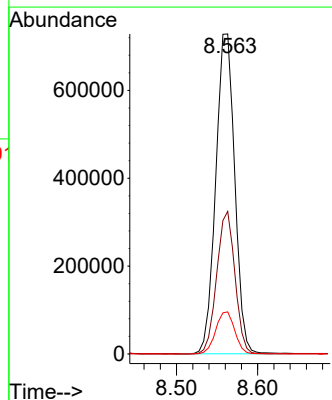
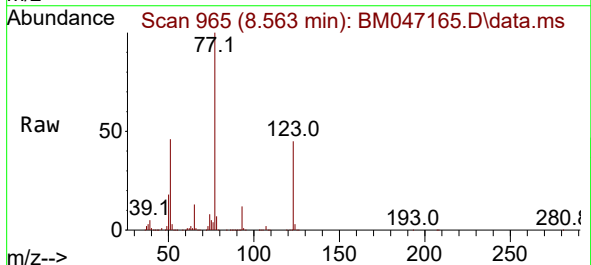
Instrument :
BNA_M
ClientSampleId :
SP6604

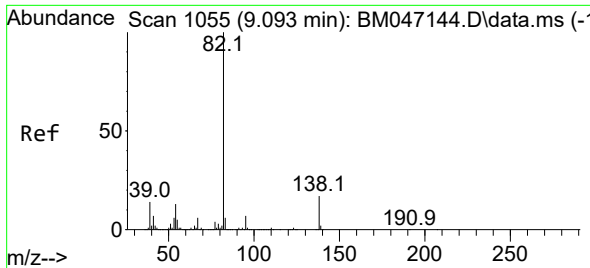
Tgt Ion: 82 Resp: 102190
Ion Ratio Lower Upper
82 100
128 0.0 32.3 48.5#
54 0.0 37.4 56.2#



#24
Nitrobenzene
Concen: 52.066 ng
RT: 8.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 77 Resp: 1185455
Ion Ratio Lower Upper
77 100
123 44.5 34.0 51.0
65 13.2 10.5 15.7





#25

Isophorone

Concen: 53.025 ng

RT: 9.086 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

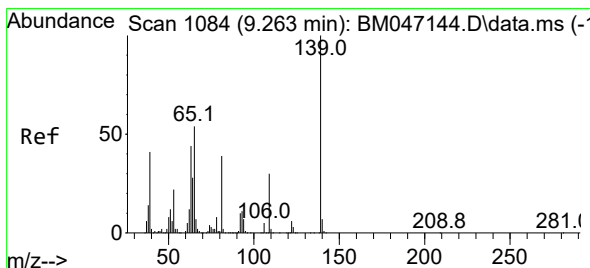
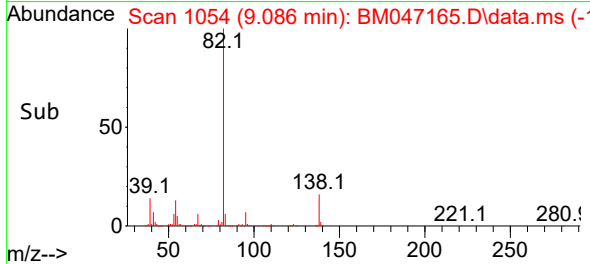
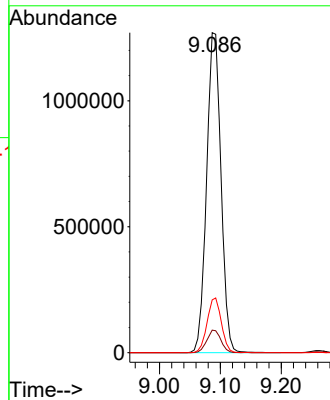
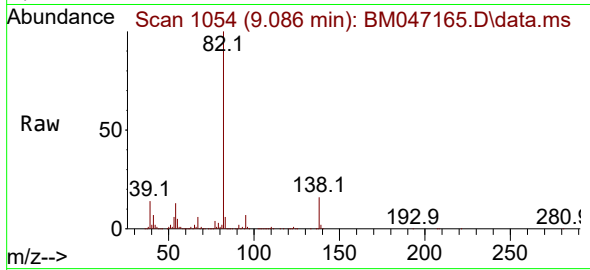
BNA_M

ClientSampleId :

SP6604

Tgt Ion: 82 Resp: 2087603

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	16.5	13.5	20.3



#26

2-Nitrophenol

Concen: 57.189 ng

RT: 9.263 min Scan# 1084

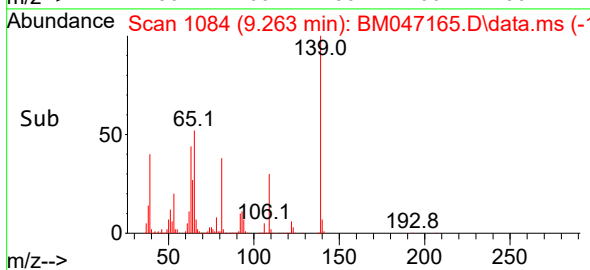
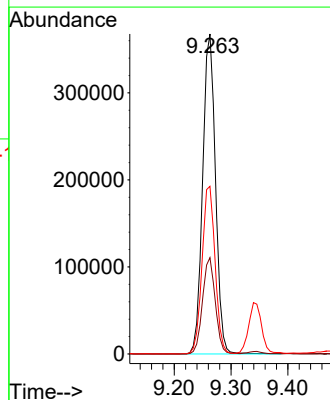
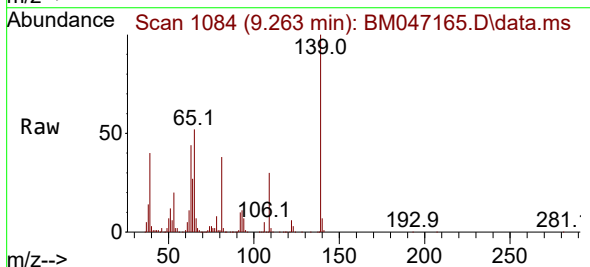
Delta R.T. -0.000 min

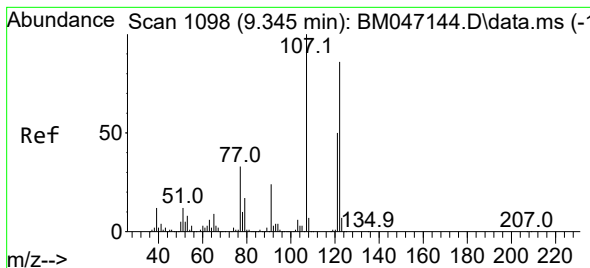
Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Tgt Ion: 139 Resp: 576653

Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.4	36.6
65	52.4	43.0	64.6

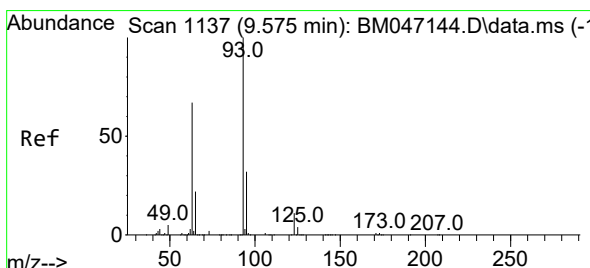
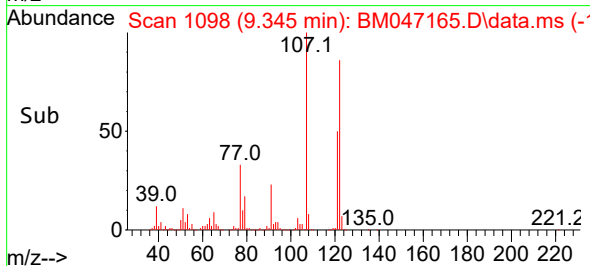
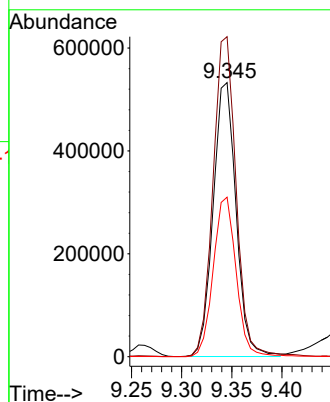
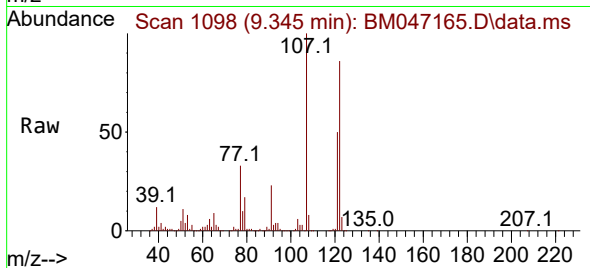




#27
2,4-Dimethylphenol
Concen: 71.826 ng
RT: 9.345 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

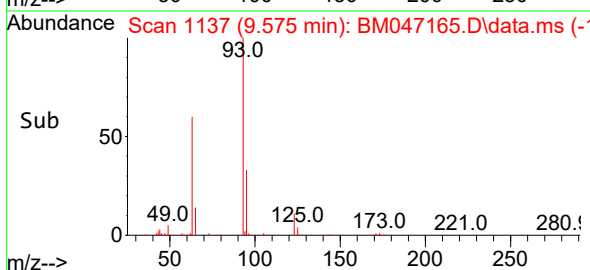
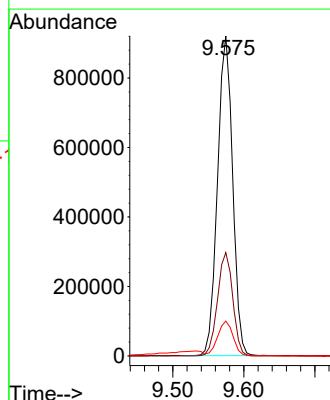
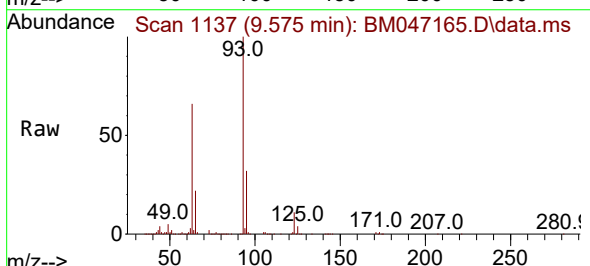
Instrument :
BNA_M
ClientSampleId :
SP6604

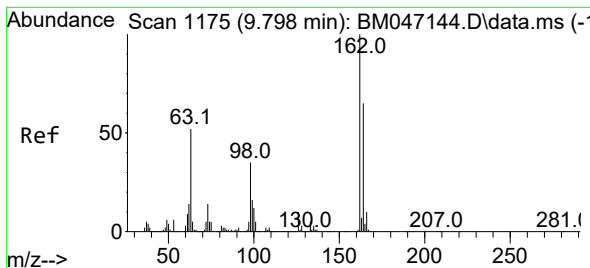
Tgt Ion:122 Resp: 848374
Ion Ratio Lower Upper
122 100
107 116.7 92.8 139.2
121 58.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 54.685 ng
RT: 9.575 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion: 93 Resp: 1354700
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 60.204 ng

RT: 9.792 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

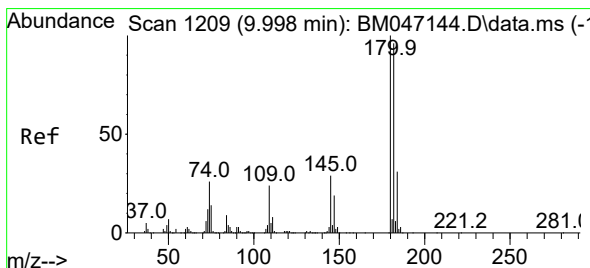
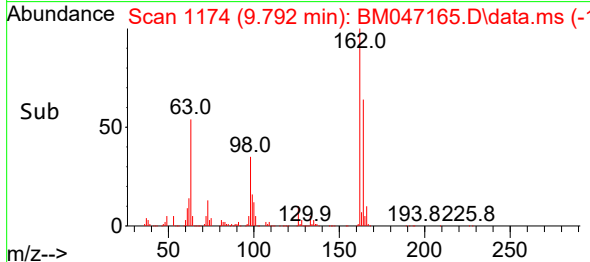
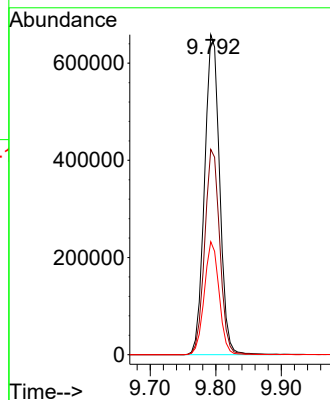
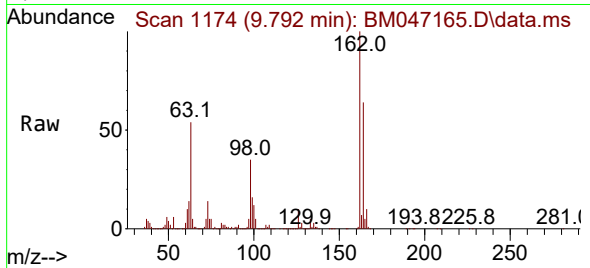
Tgt Ion:162 Resp: 1055109

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 35.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 51.406 ng

RT: 9.998 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

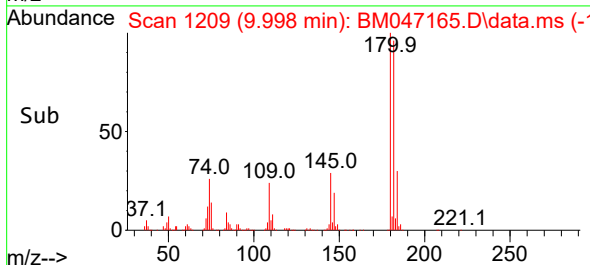
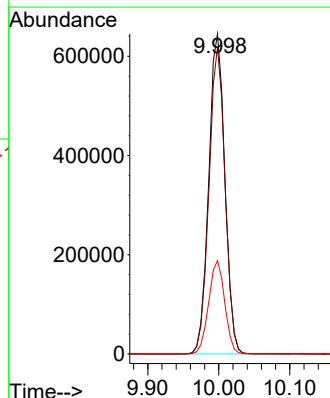
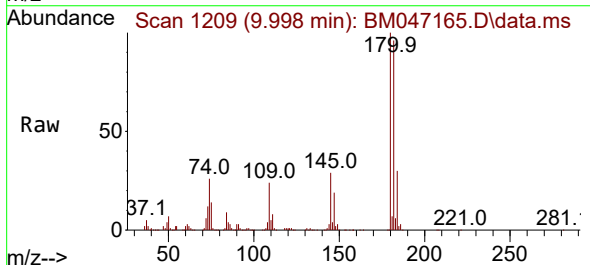
Tgt Ion:180 Resp: 1019553

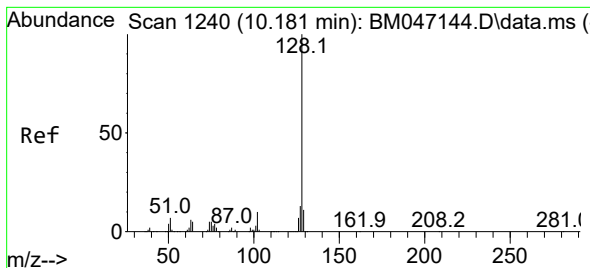
Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

145 29.2 23.4 35.2

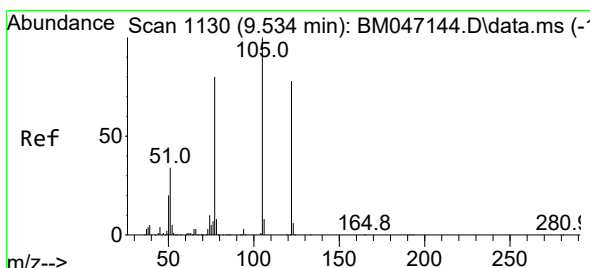
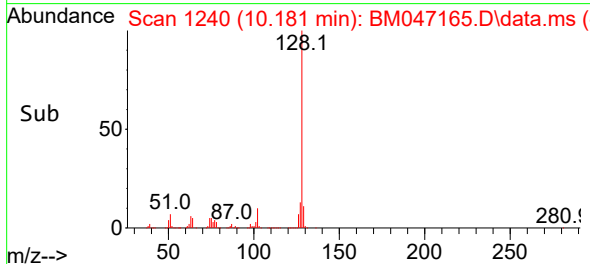
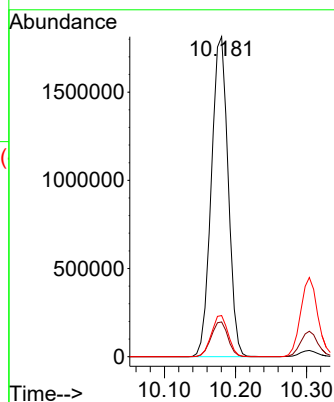
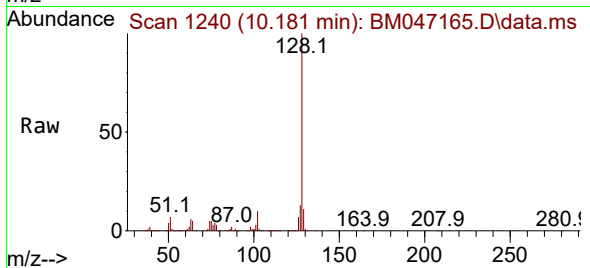




#31
Naphthalene
Concen: 52.378 ng
RT: 10.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

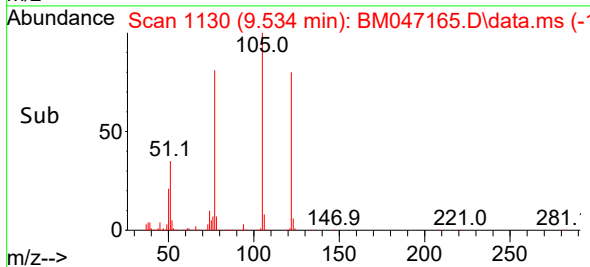
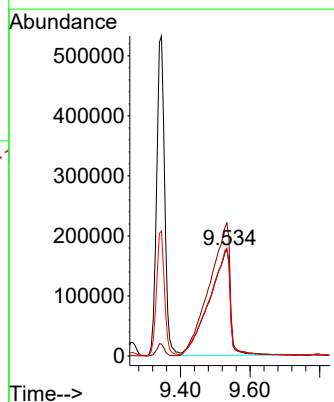
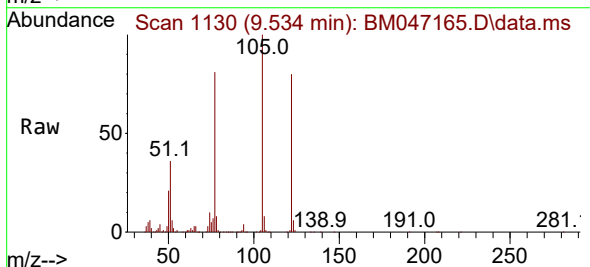
Instrument :
BNA_M
ClientSampleId :
SP6604

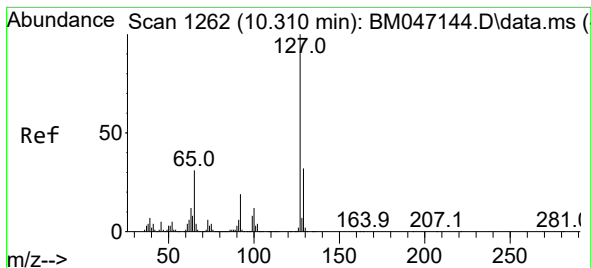
Tgt Ion:128 Resp: 2970832
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 53.663 ng
RT: 9.534 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:122 Resp: 736399
Ion Ratio Lower Upper
122 100
105 125.1 107.1 147.1
77 101.2 82.1 122.1





#33

4-Chloroaniline

Concen: 34.963 ng

RT: 10.304 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

Tgt Ion:127 Resp: 762588

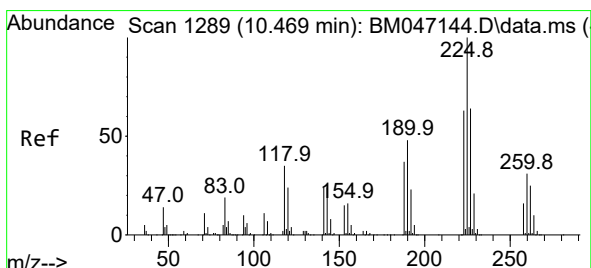
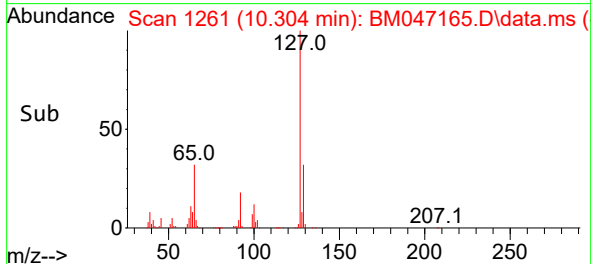
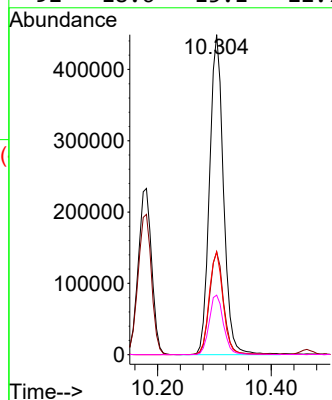
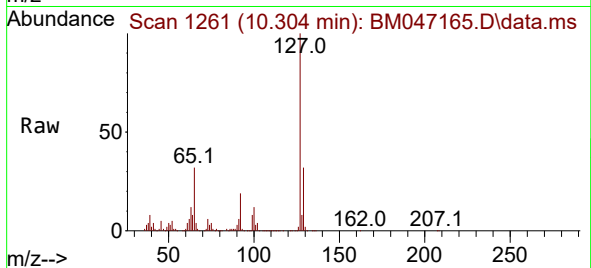
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 32.1 24.9 37.3

92 18.6 15.1 22.7



#34

Hexachlorobutadiene

Concen: 51.812 ng

RT: 10.463 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

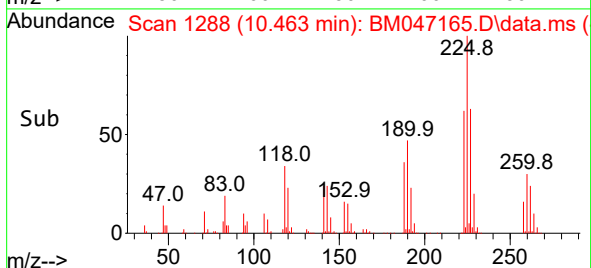
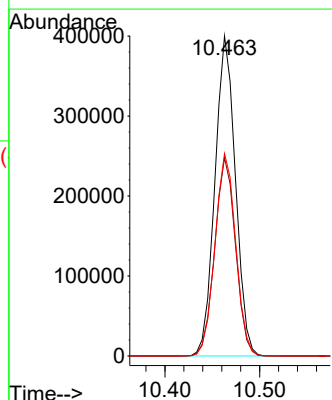
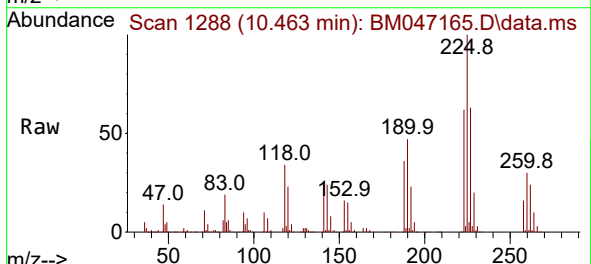
Tgt Ion:225 Resp: 601471

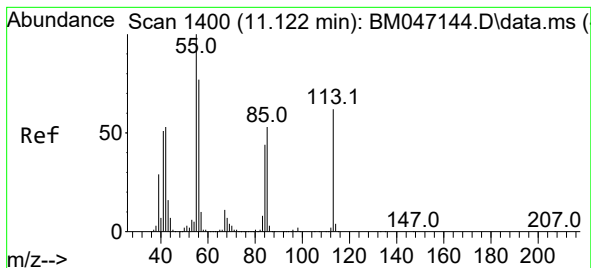
Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.2

227 63.3 51.4 77.0

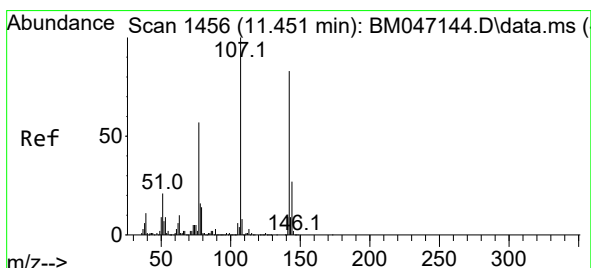
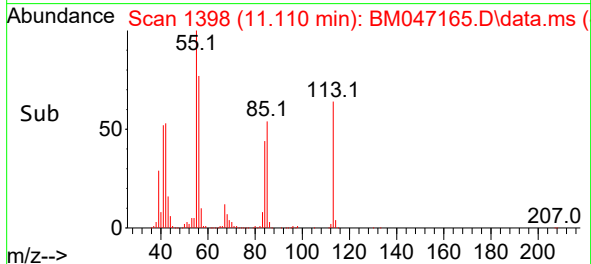
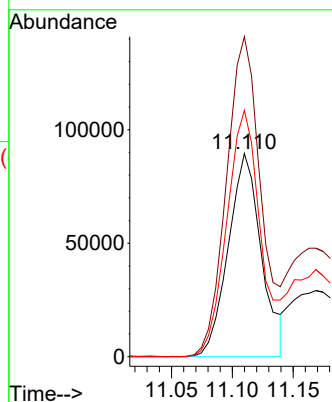
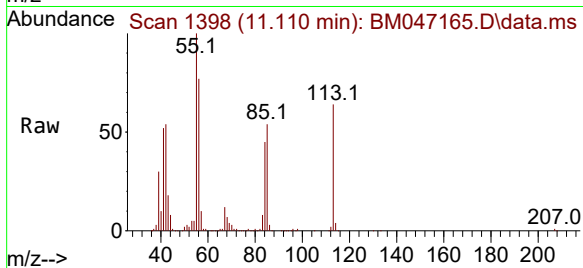




#35
Caprolactam
Concen: 27.734 ng
RT: 11.110 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

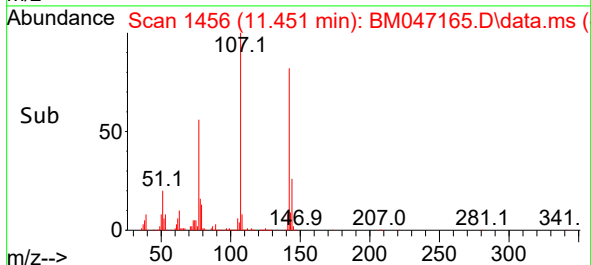
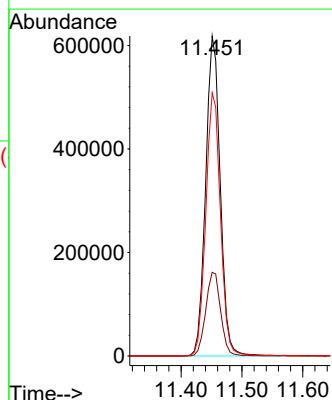
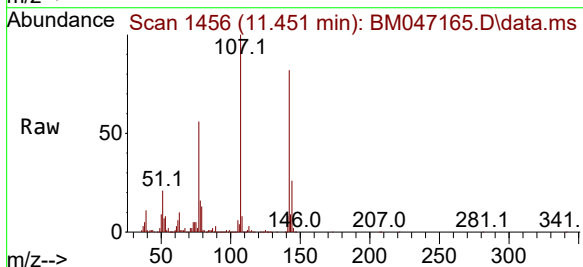
Instrument :
BNA_M
ClientSampleId :
SP6604

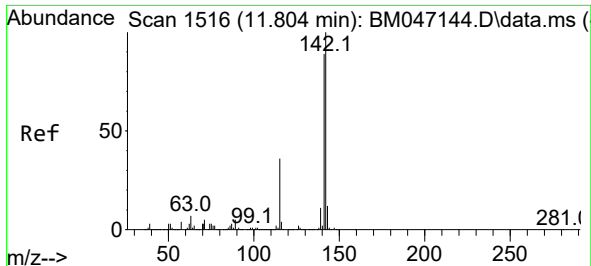
Tgt Ion:113 Resp: 168795
Ion Ratio Lower Upper
113 100
55 157.5 140.5 180.5
56 121.2 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 54.971 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:107 Resp: 1026013
Ion Ratio Lower Upper
107 100
144 26.2 21.8 32.6
142 82.3 66.8 100.2





#37

2-Methylnaphthalene

Concen: 53.140 ng

RT: 11.804 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

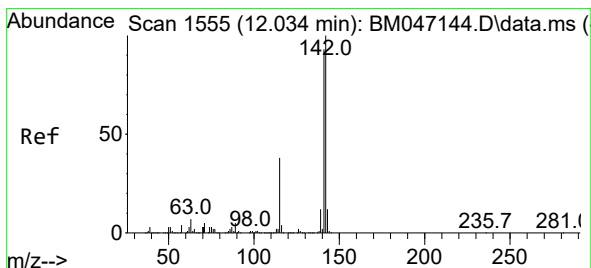
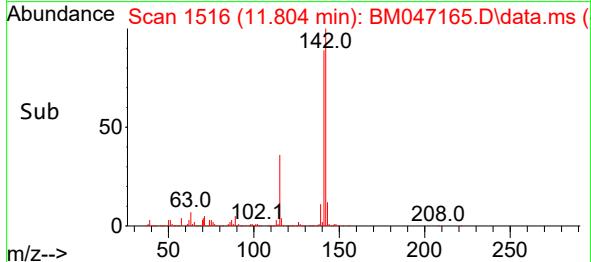
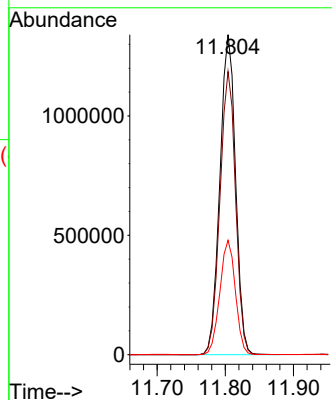
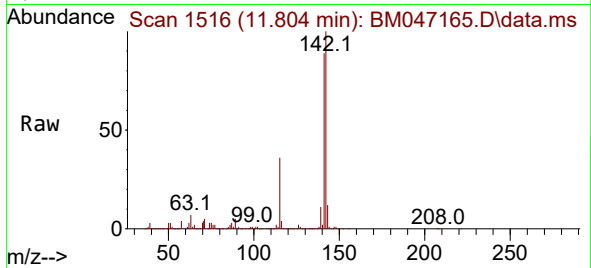
Tgt Ion:142 Resp: 2146003

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

115 35.7 28.7 43.1



#38

1-Methylnaphthalene

Concen: 50.254 ng

RT: 12.027 min Scan# 1554

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

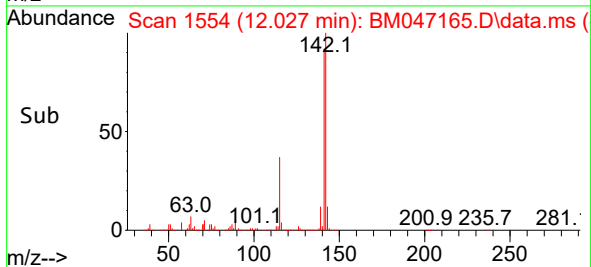
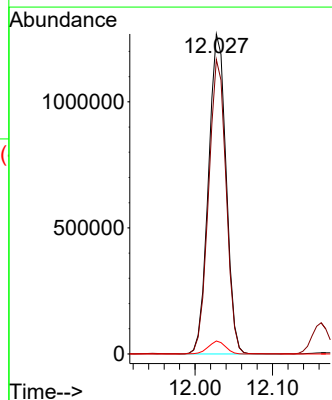
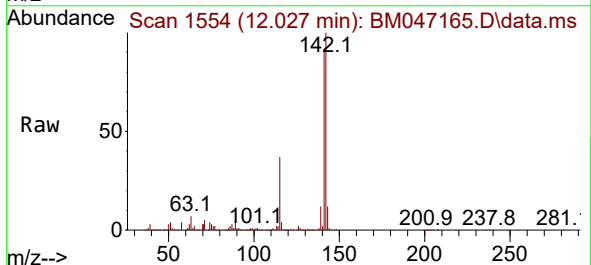
Tgt Ion:142 Resp: 2005731

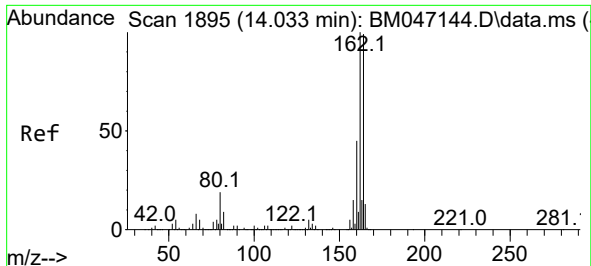
Ion Ratio Lower Upper

142 100

141 92.0 74.6 111.8

116 4.0 3.1 4.7

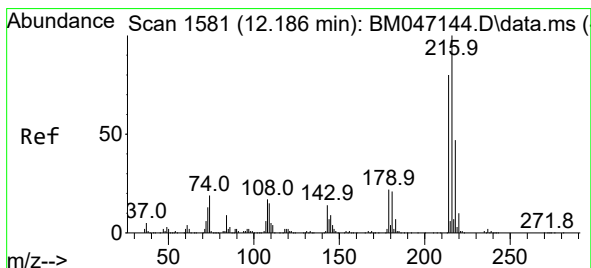
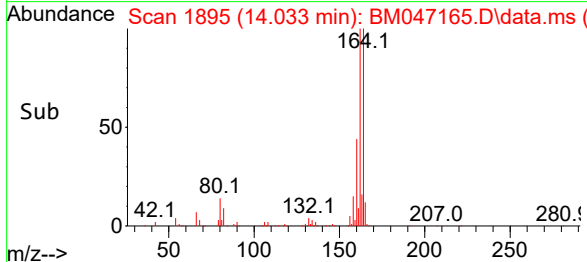
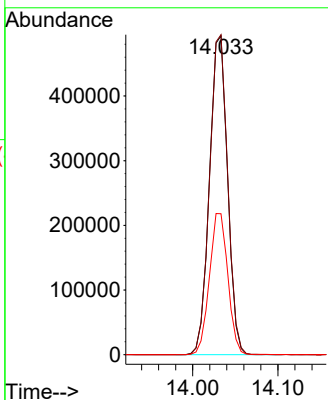
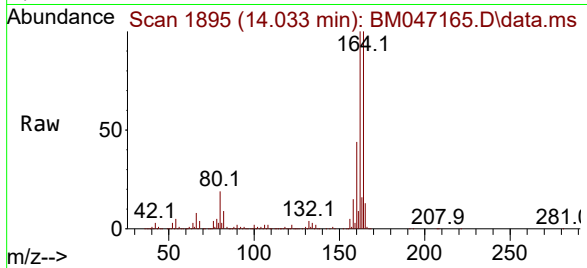




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.033 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

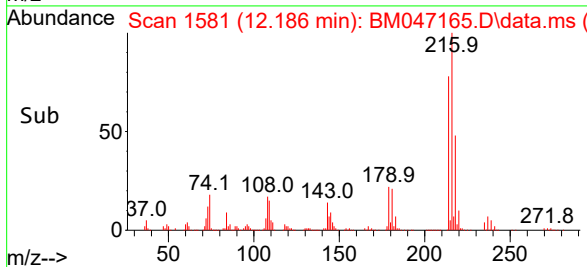
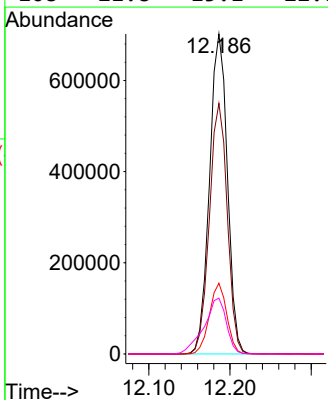
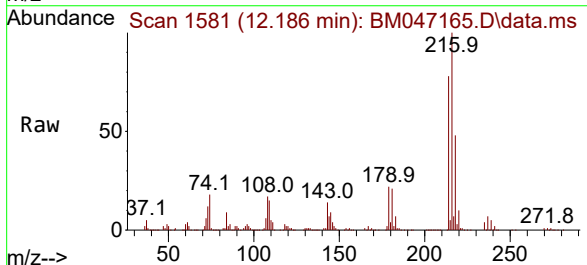
Instrument :
BNA_M
ClientSampleId :
SP6604

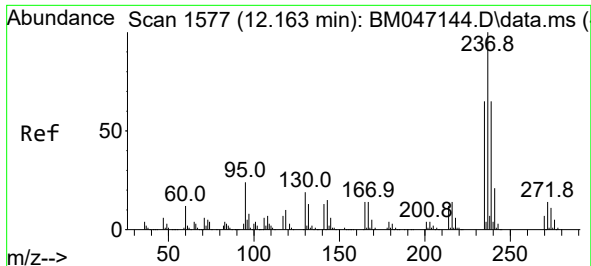
Tgt Ion:164 Resp: 726396
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 44.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.114 ng
RT: 12.186 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:216 Resp: 1072139
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 21.6 17.6 26.4
108 21.8 15.1 22.7

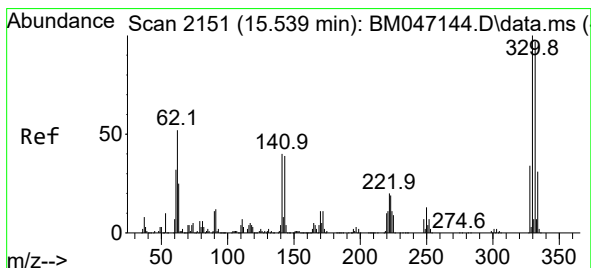
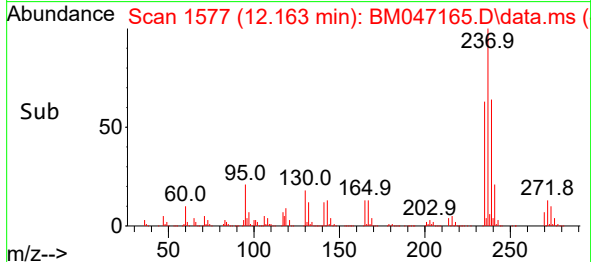
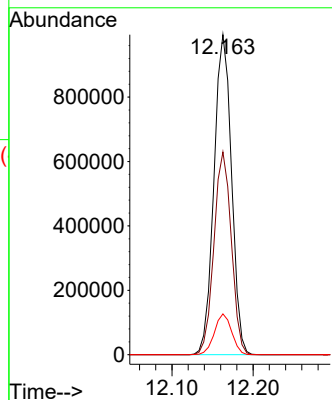
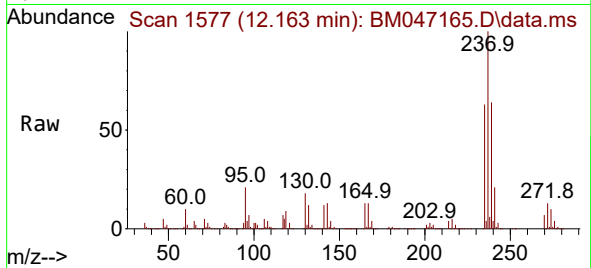




#41
Hexachlorocyclopentadiene
Concen: 215.642 ng
RT: 12.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

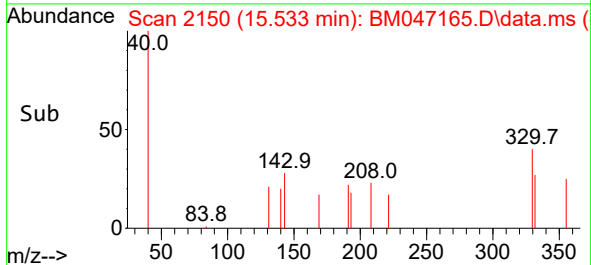
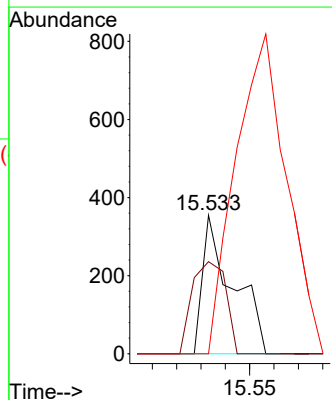
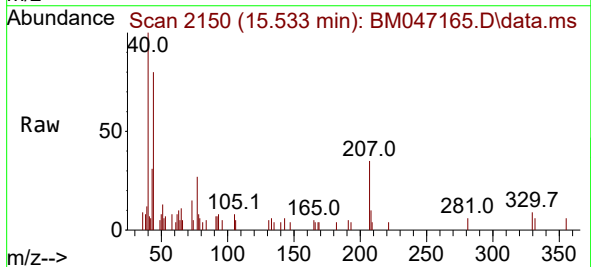
Instrument :
BNA_M
ClientSampleId :
SP6604

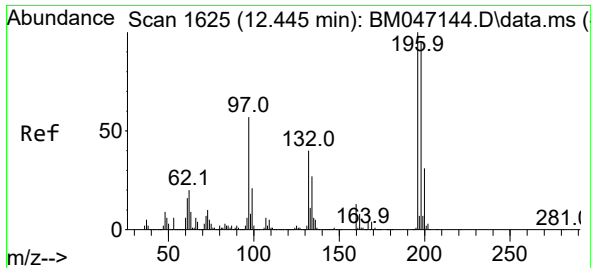
Tgt Ion:237 Resp: 1491895
Ion Ratio Lower Upper
237 100
235 63.3 44.8 84.8
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 0.036 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:330 Resp: 307
Ion Ratio Lower Upper
330 100
332 73.9 77.4 116.2#
141 0.0 31.6 47.4#

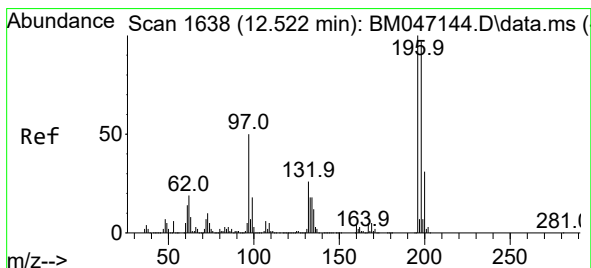
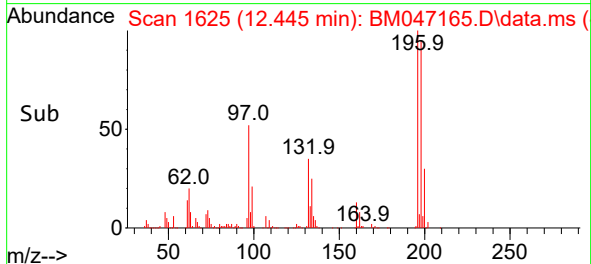
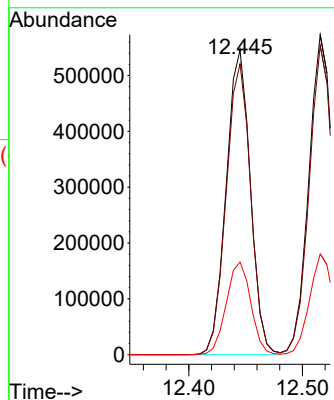
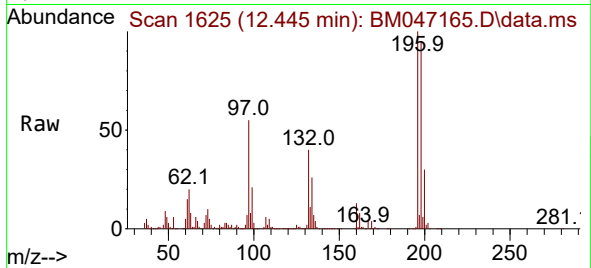




#43
2,4,6-Trichlorophenol
Concen: 57.396 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

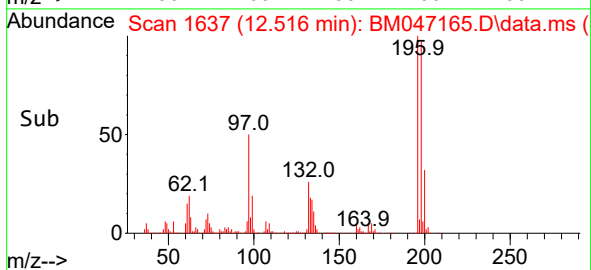
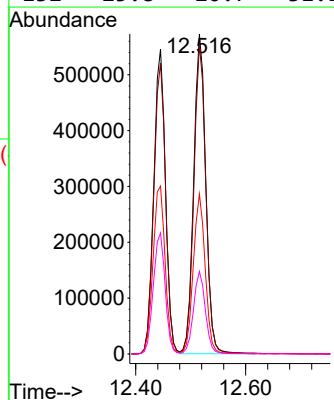
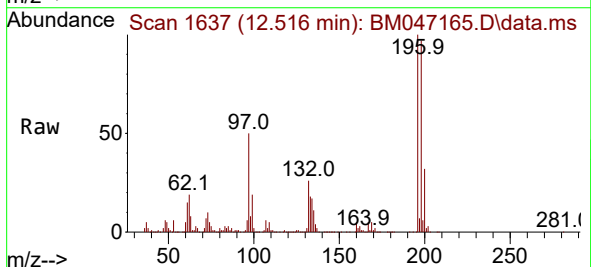
Instrument :
BNA_M
ClientSampleId :
SP6604

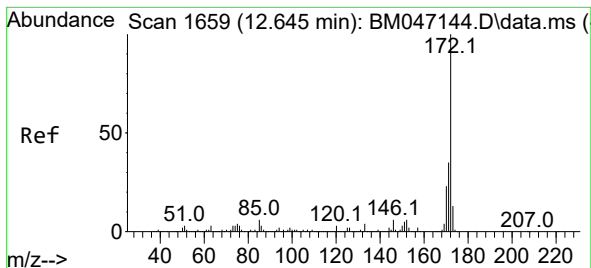
Tgt Ion:196 Resp: 808273
Ion Ratio Lower Upper
196 100
198 95.4 75.6 113.4
200 30.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 55.935 ng
RT: 12.516 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:196 Resp: 874576
Ion Ratio Lower Upper
196 100
198 96.7 77.7 116.5
97 50.0 39.8 59.8
132 25.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 0.001 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

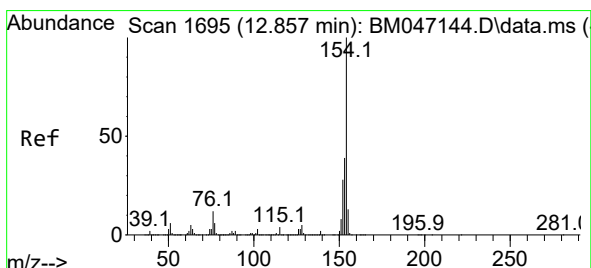
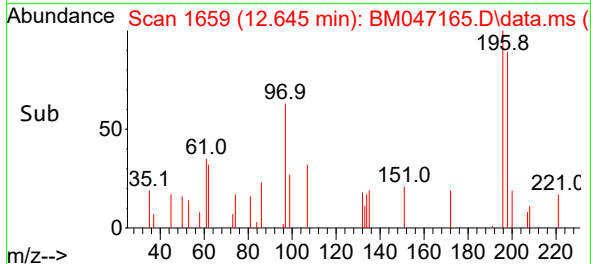
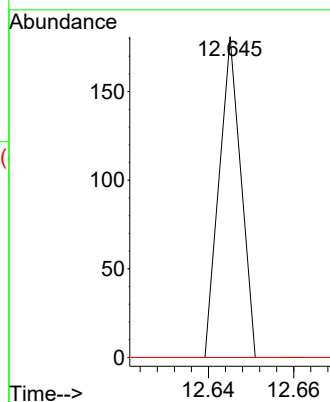
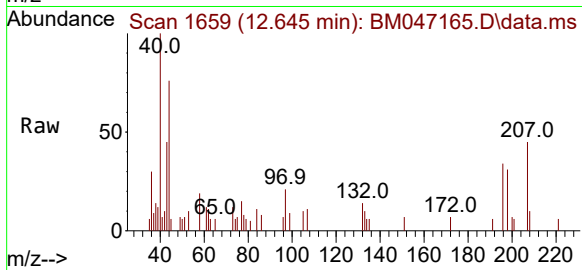
Tgt Ion:172 Resp: 64

Ion Ratio Lower Upper

172 100

171 0.0 27.8 41.6#

170 0.0 18.7 28.1#



#46

1,1'-Biphenyl

Concen: 53.848 ng

RT: 12.851 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

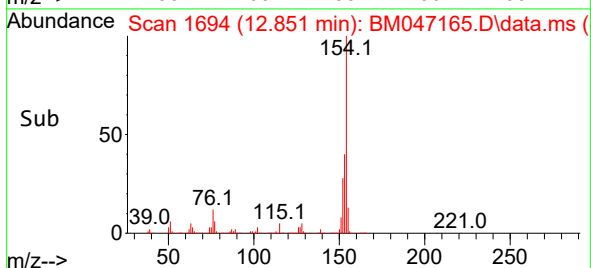
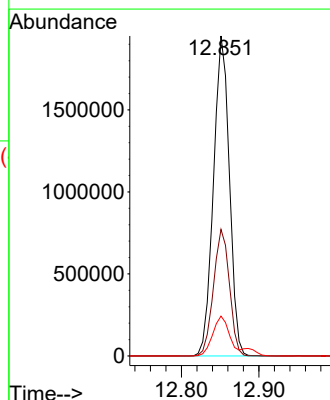
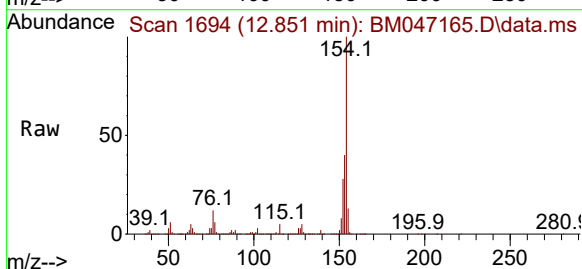
Tgt Ion:154 Resp: 2784661

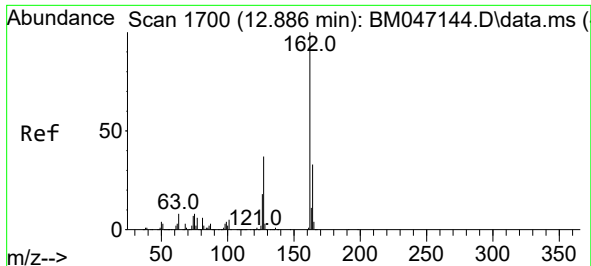
Ion Ratio Lower Upper

154 100

153 39.5 19.0 59.0

76 12.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 52.714 ng

RT: 12.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

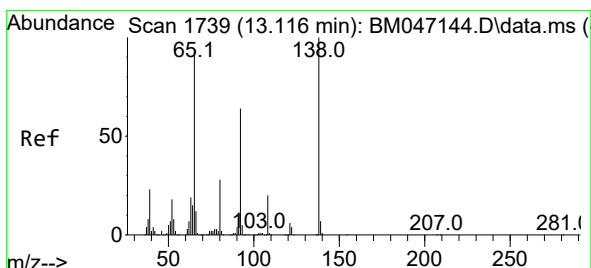
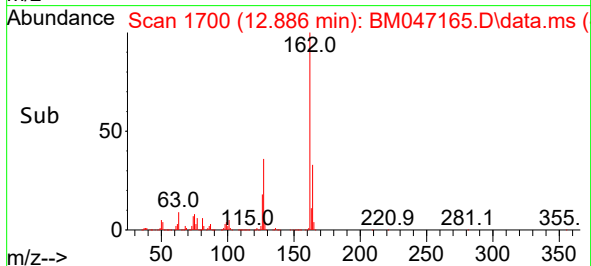
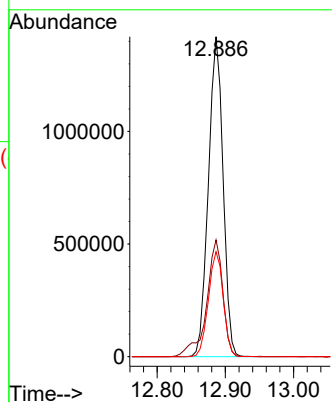
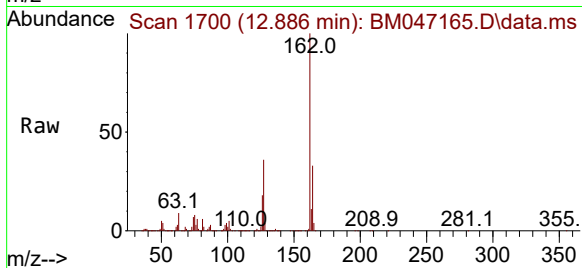
Tgt Ion:162 Resp: 2130675

Ion Ratio Lower Upper

162 100

127 36.5 30.0 45.0

164 32.8 26.3 39.5



#48

2-Nitroaniline

Concen: 54.428 ng

RT: 13.110 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

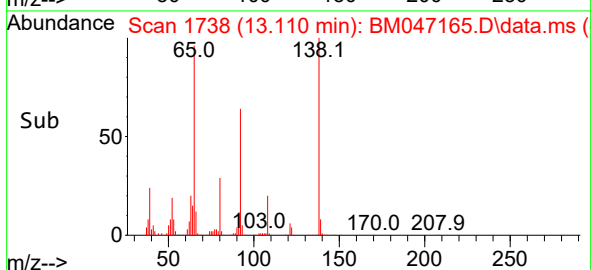
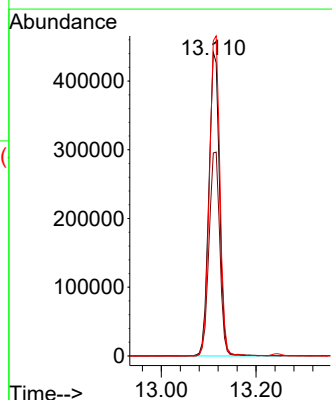
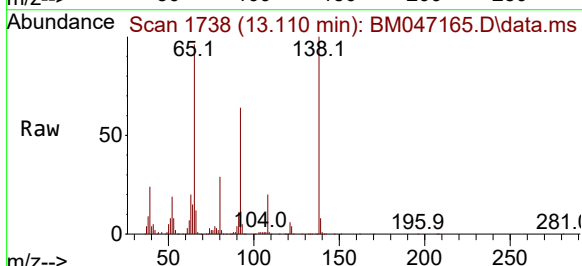
Tgt Ion: 65 Resp: 689208

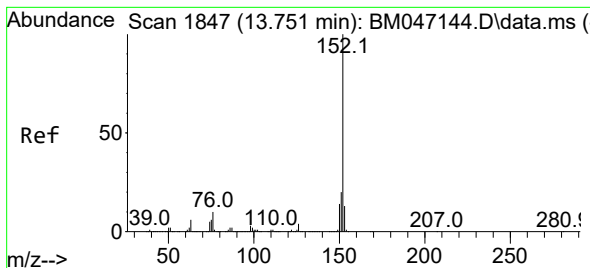
Ion Ratio Lower Upper

65 100

92 66.9 55.1 82.7

138 103.9 85.9 128.9





#49

Acenaphthylene

Concen: 56.854 ng

RT: 13.745 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

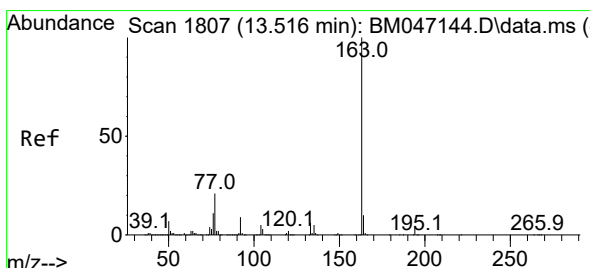
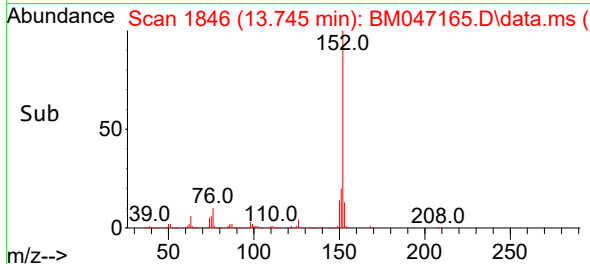
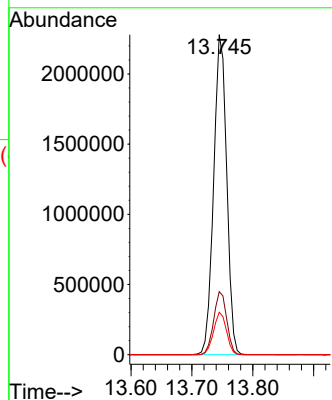
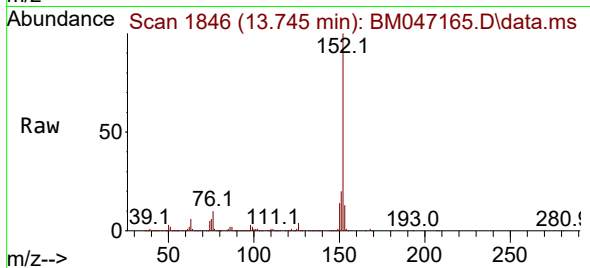
Tgt Ion:152 Resp: 3387308

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 52.365 ng

RT: 13.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

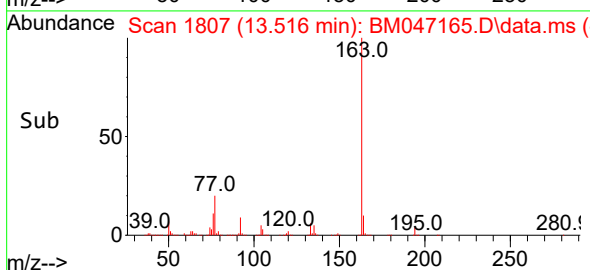
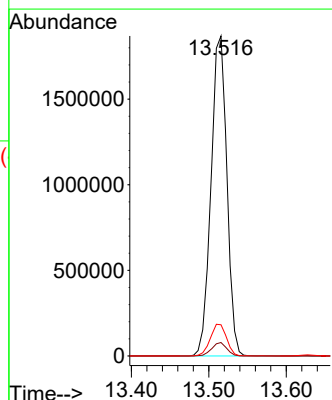
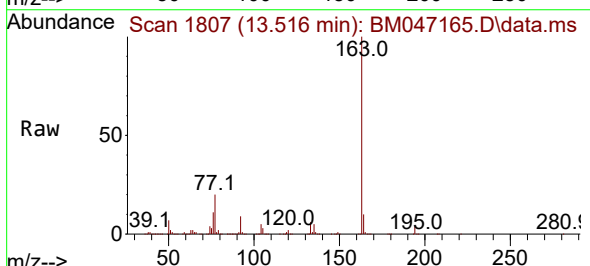
Tgt Ion:163 Resp: 2656594

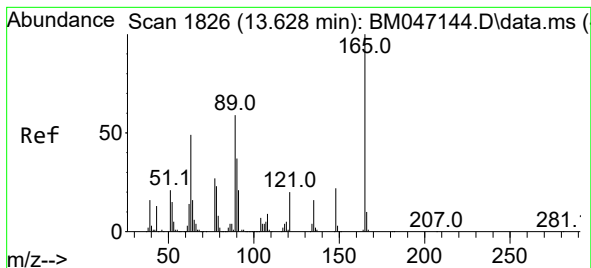
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 9.8 8.0 12.0

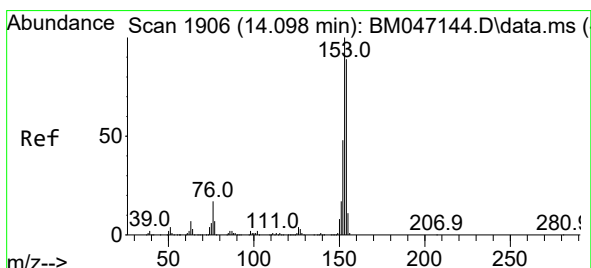
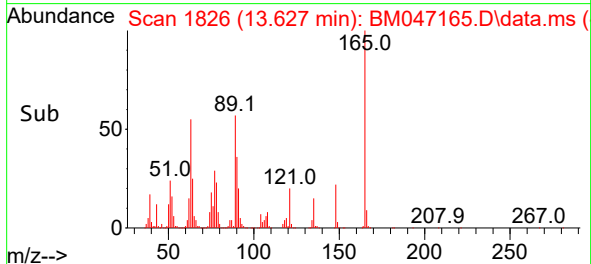
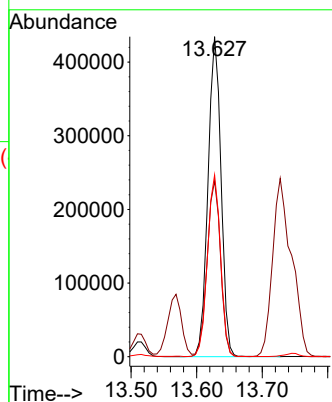
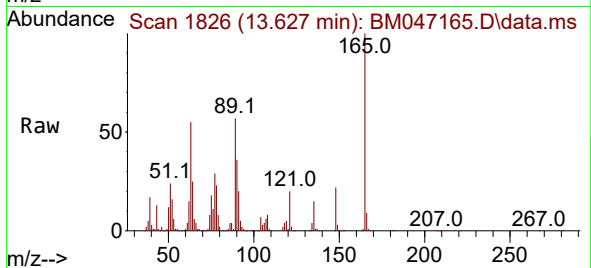




#51
2,6-Dinitrotoluene
Concen: 50.718 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

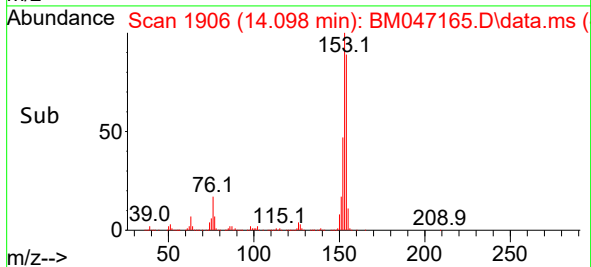
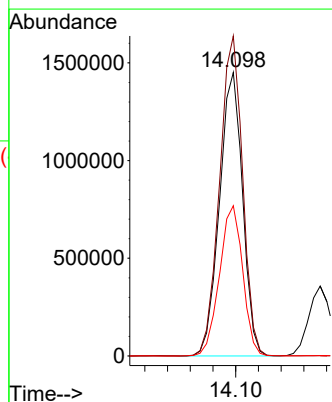
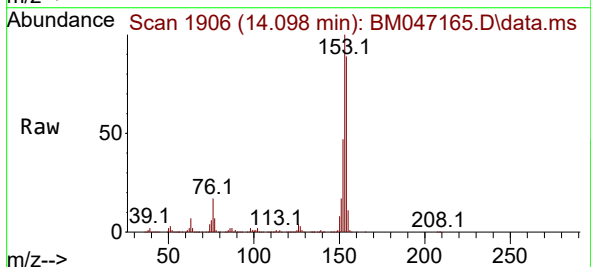
Instrument :
BNA_M
ClientSampleId :
SP6604

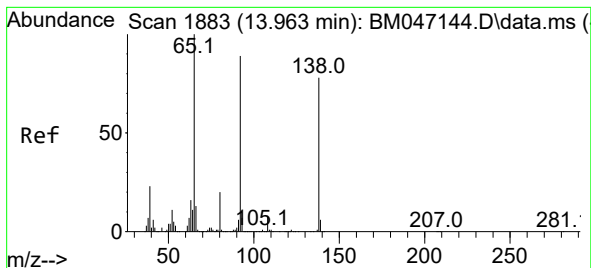
Tgt Ion:165 Resp: 601483
Ion Ratio Lower Upper
165 100
63 54.9 46.5 69.7
89 56.8 47.3 70.9



#52
Acenaphthene
Concen: 54.227 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:154 Resp: 2049386
Ion Ratio Lower Upper
154 100
153 112.8 90.3 135.5
152 53.0 42.9 64.3

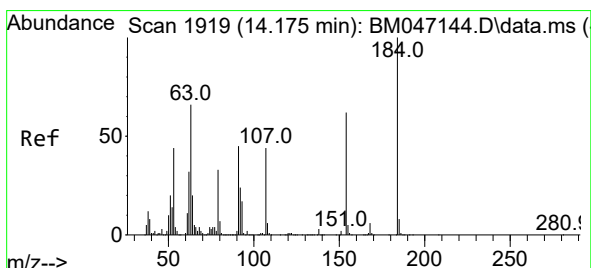
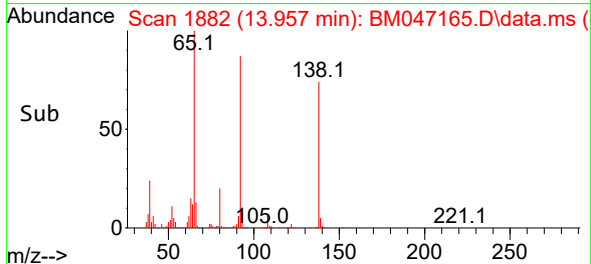
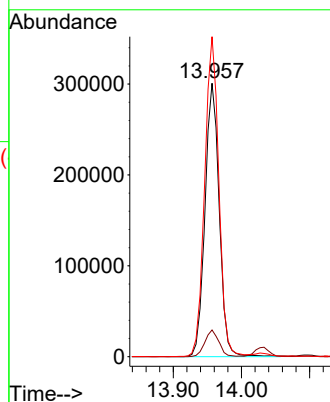
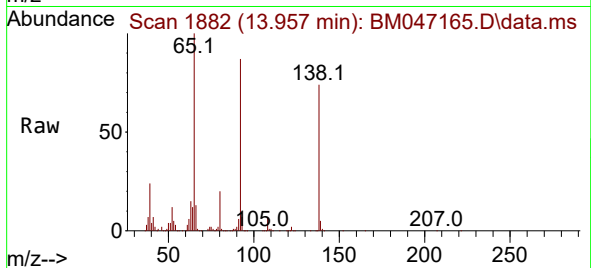




#53
3-Nitroaniline
Concen: 36.853 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

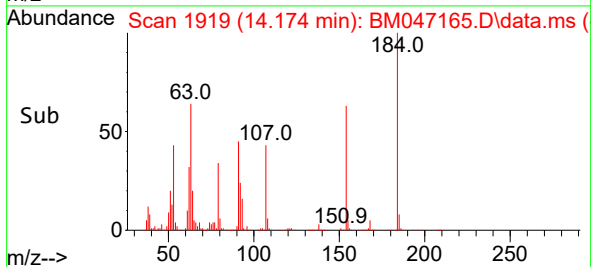
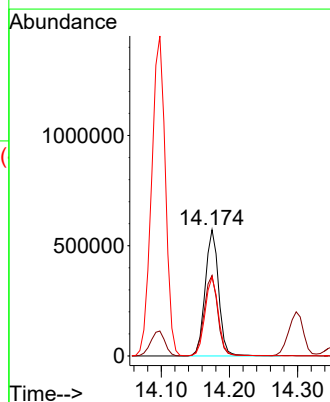
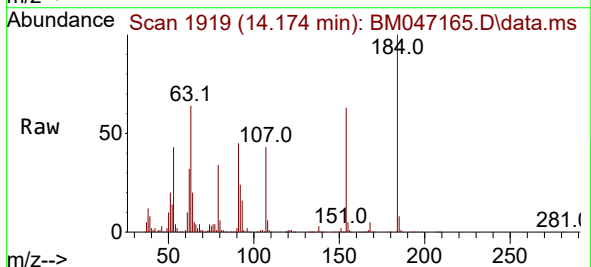
Instrument :
BNA_M
ClientSampleId :
SP6604

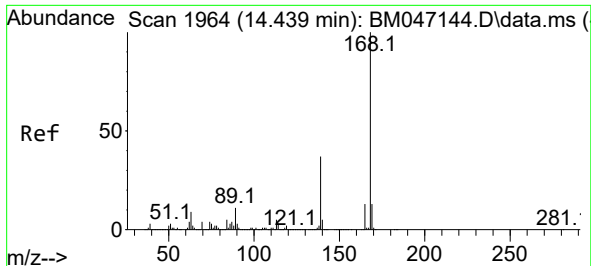
Tgt Ion:138 Resp: 437943
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 117.0 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 110.525 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:184 Resp: 785594
Ion Ratio Lower Upper
184 100
63 63.7 52.7 79.1
154 62.5 50.4 75.6

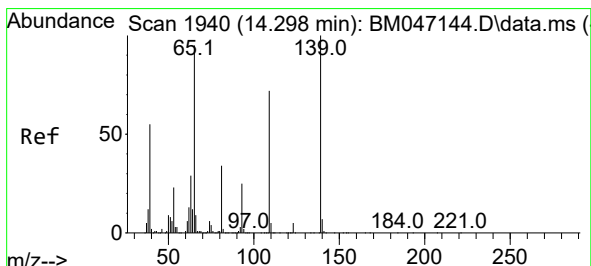
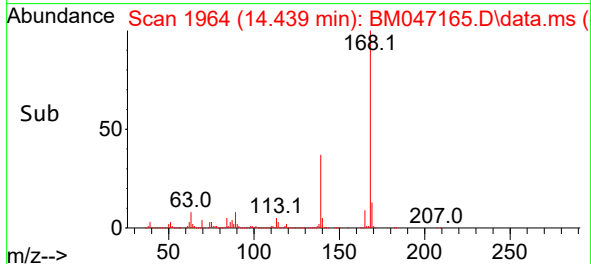
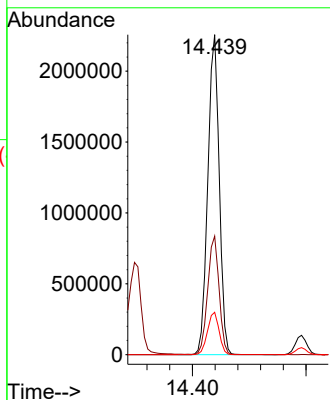
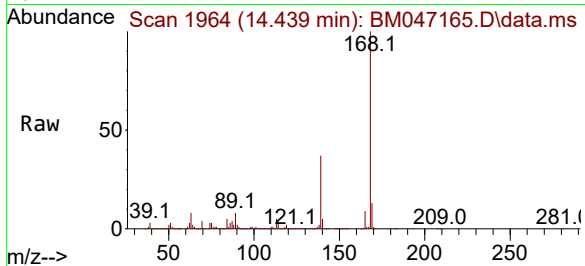




#55
Dibenzenofuran
Concen: 52.348 ng
RT: 14.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

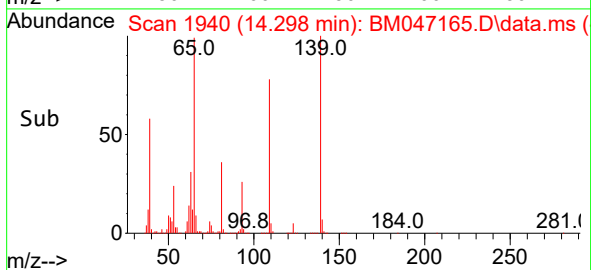
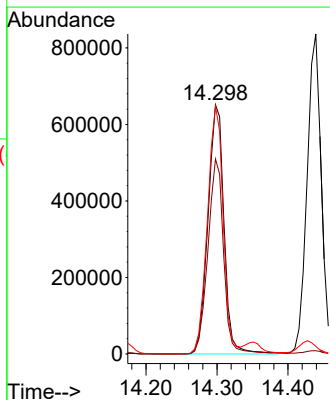
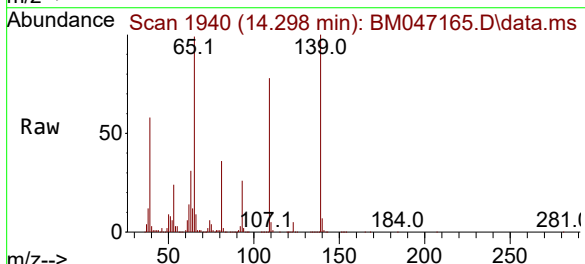
Instrument :
BNA_M
ClientSampleId :
SP6604

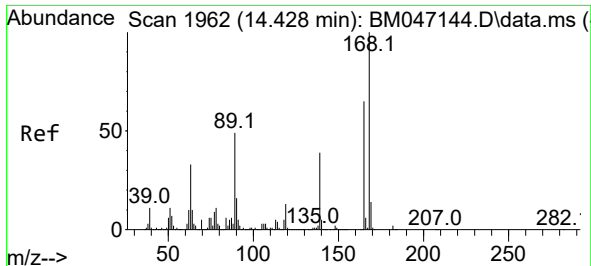
Tgt Ion:168 Resp: 3124944
Ion Ratio Lower Upper
168 100
139 37.1 29.6 44.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 99.758 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:139 Resp: 1022239
Ion Ratio Lower Upper
139 100
109 78.2 52.5 92.5
65 99.4 75.4 115.4

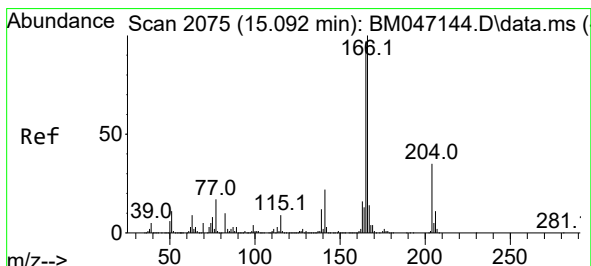
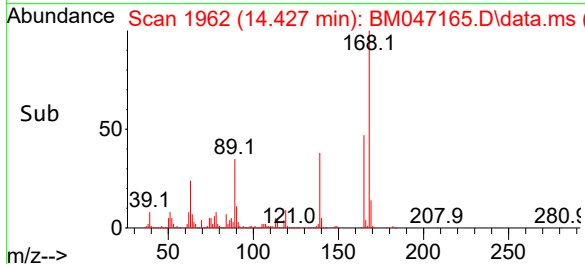
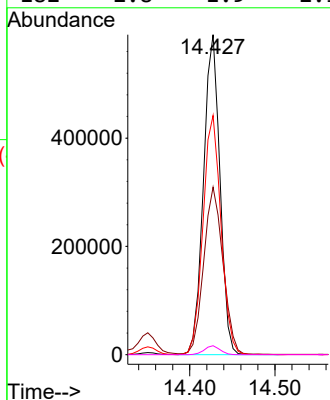
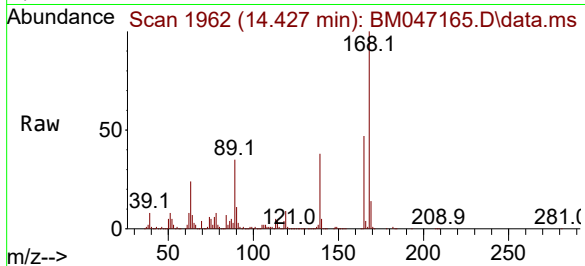




#57
2,4-Dinitrotoluene
Concen: 49.943 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

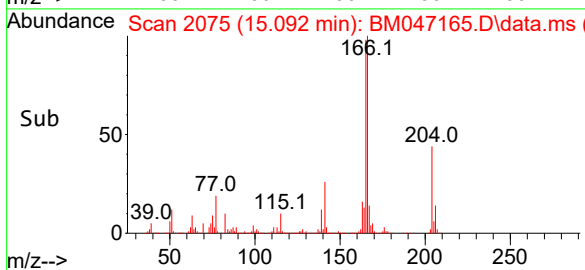
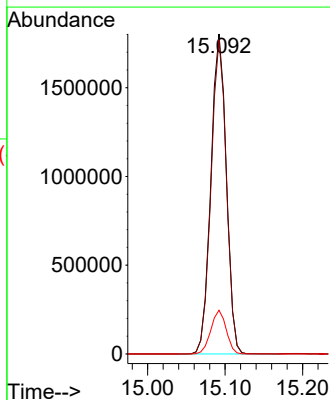
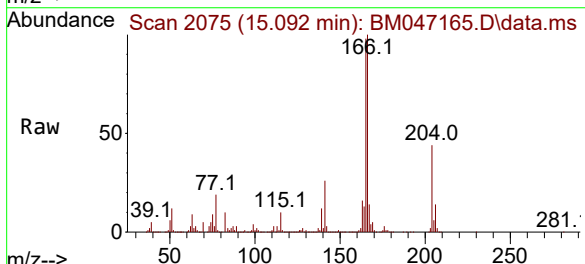
Instrument :
BNA_M
ClientSampleId :
SP6604

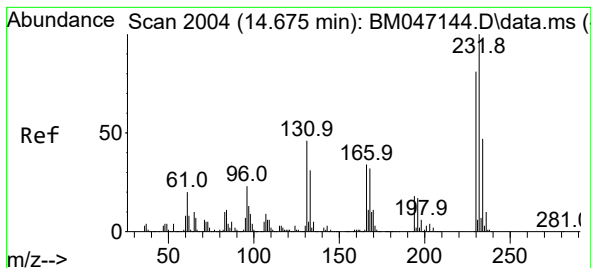
Tgt Ion:	165	Resp:	790570
Ion	Ratio	Lower	Upper
165	100		
63	52.4	40.3	60.5
89	74.8	61.0	91.6
182	2.8	1.9	2.9



#58
Fluorene
Concen: 50.877 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:	166	Resp:	2505970
Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.4	116.0
167	13.6	11.0	16.6

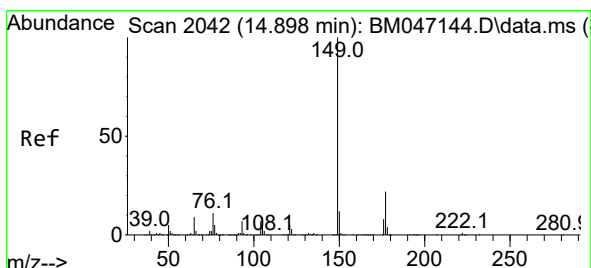
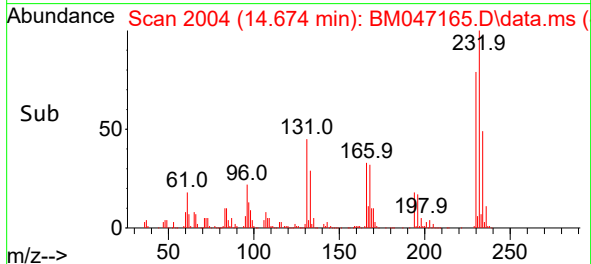
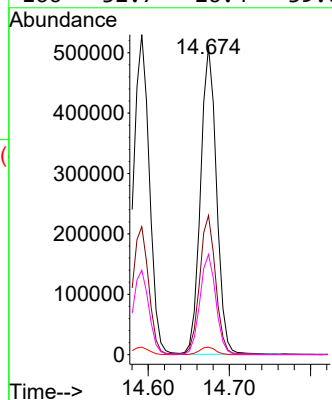
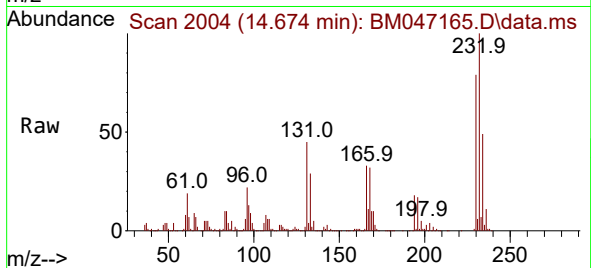




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.155 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

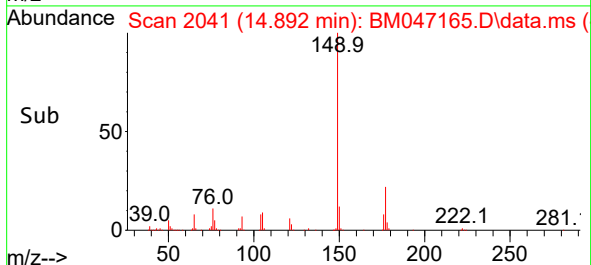
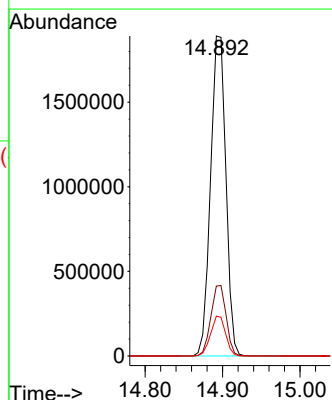
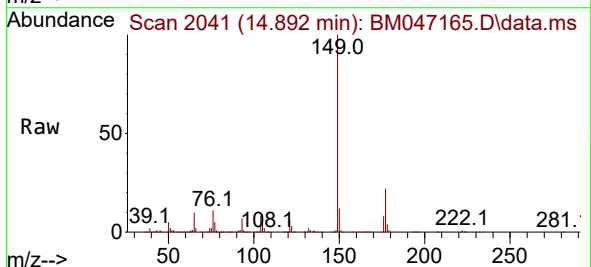
Instrument :
BNA_M
ClientSampleId :
SP6604

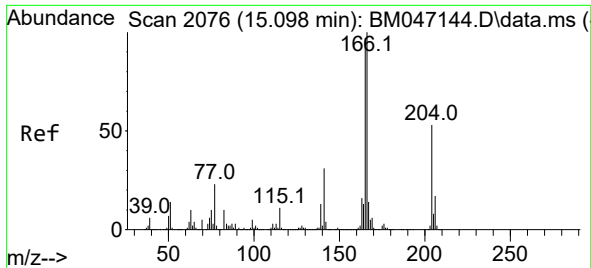
Tgt Ion:232 Resp: 695905
Ion Ratio Lower Upper
232 100
131 45.5 36.9 55.3
130 2.5 2.0 3.0
166 32.7 26.4 39.6



#60
Diethylphthalate
Concen: 50.113 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:149 Resp: 2596179
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.5 9.8 14.6

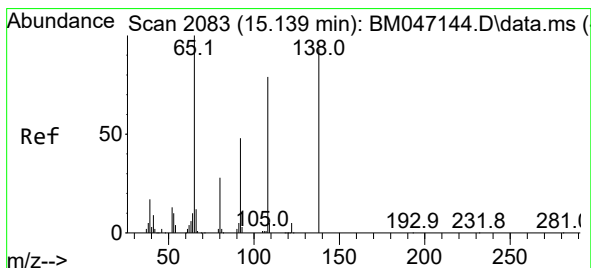
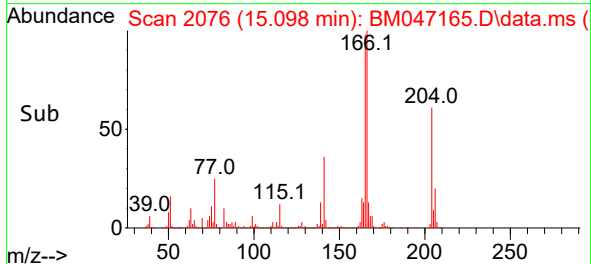
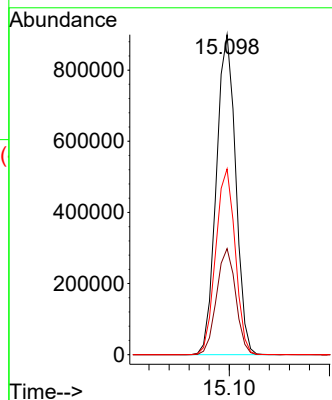
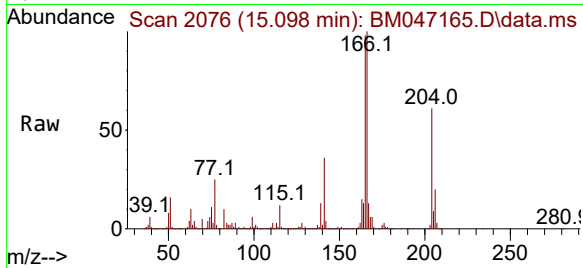




#61
4-Chlorophenyl-phenylether
Concen: 51.359 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

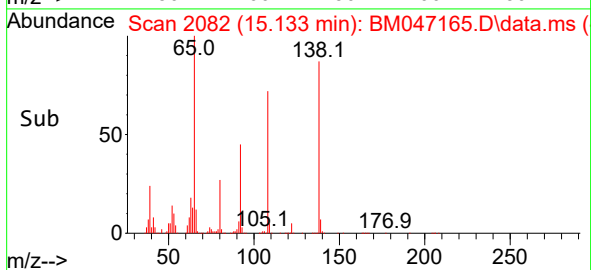
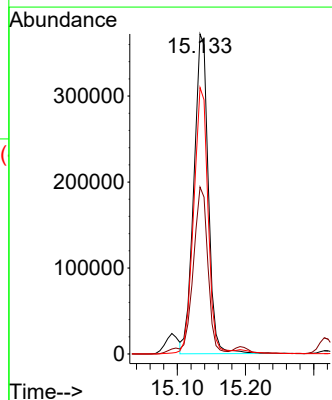
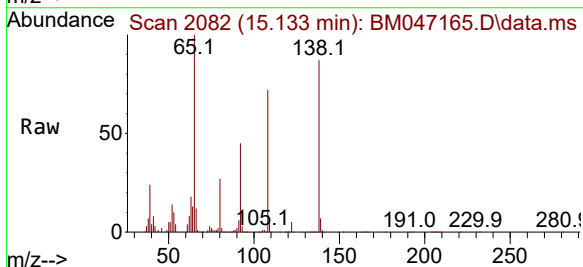
Instrument :
BNA_M
ClientSampleId :
SP6604

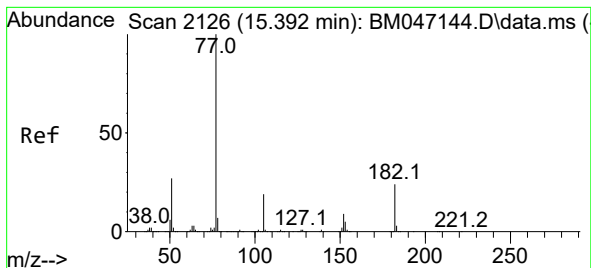
Tgt Ion:204 Resp: 1204348
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 58.0 47.2 70.8



#62
4-Nitroaniline
Concen: 46.564 ng
RT: 15.133 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:138 Resp: 545144
Ion Ratio Lower Upper
138 100
92 52.2 31.9 71.9
108 83.3 63.8 103.8





#63

Azobenzene

Concen: 51.792 ng

RT: 15.392 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

Tgt Ion: 77 Resp: 2544109

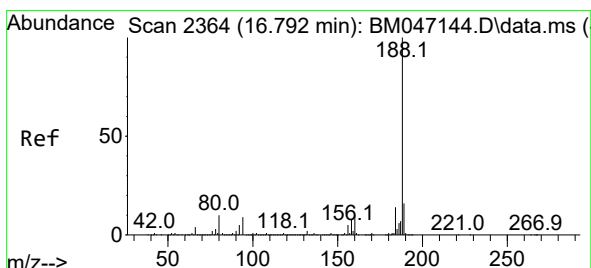
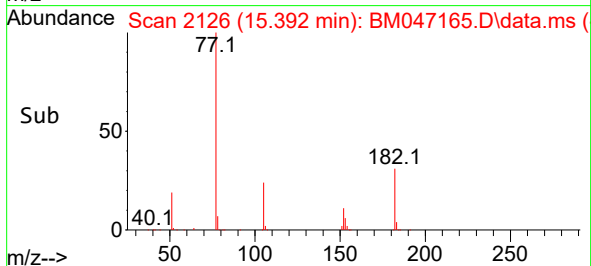
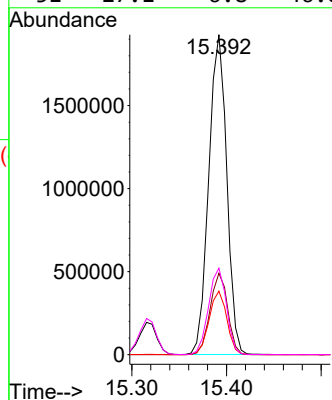
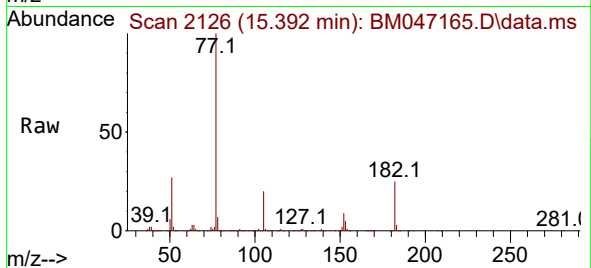
Ion Ratio Lower Upper

77 100

182 25.5 3.8 43.8

105 19.9 0.0 39.5

51 27.1 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

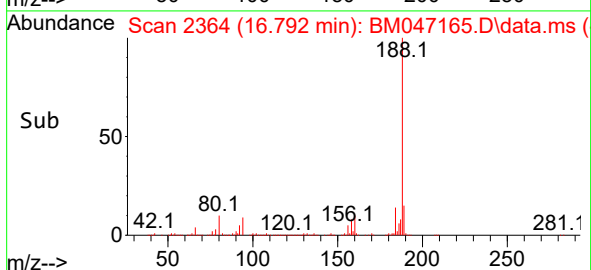
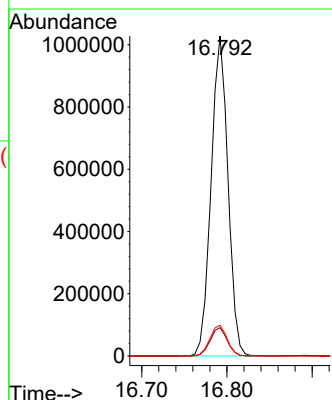
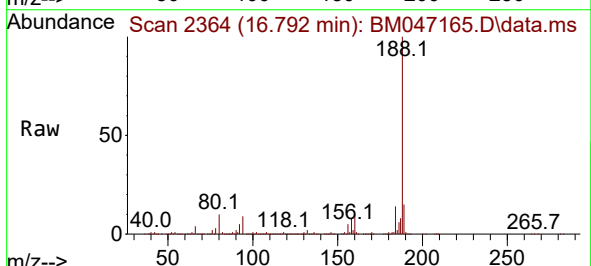
Tgt Ion:188 Resp: 1410395

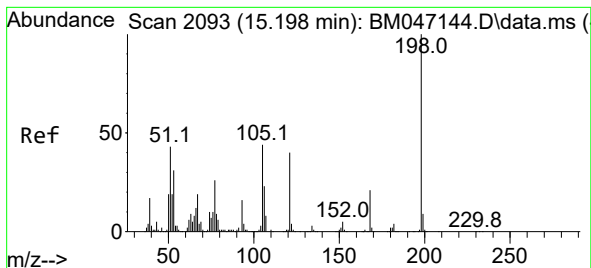
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.6 8.0 12.0

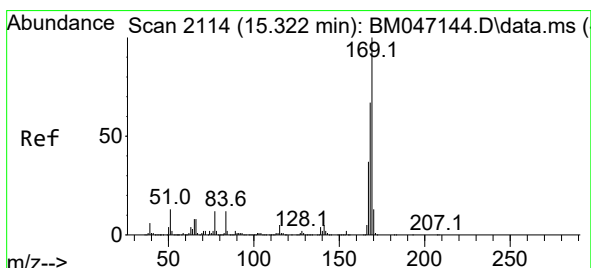
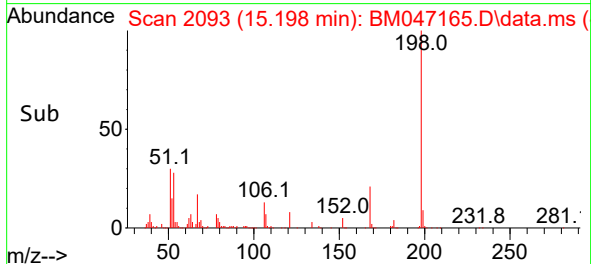
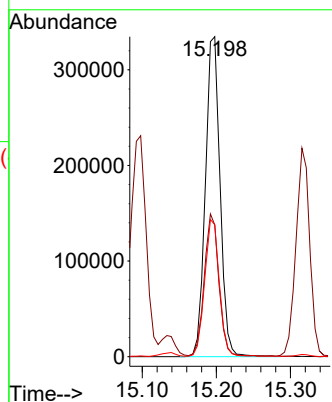
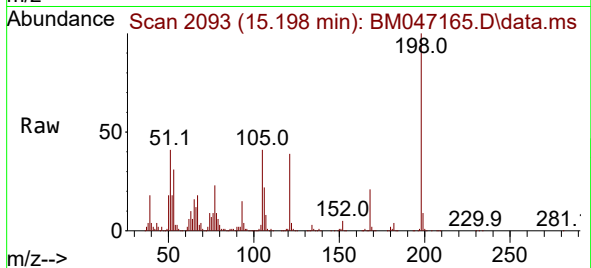




#65
4,6-Dinitro-2-methylphenol
Concen: 55.802 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

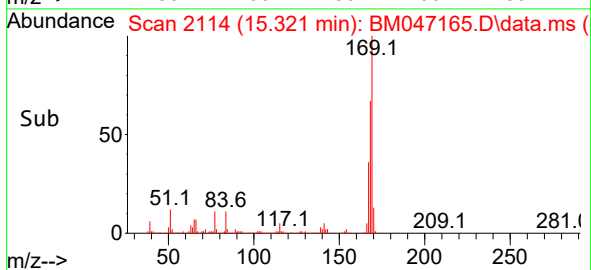
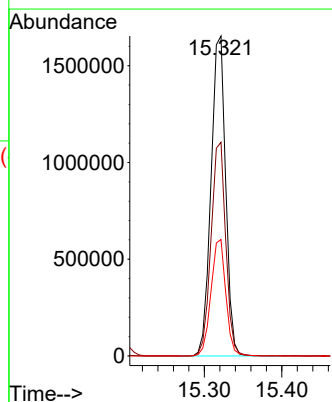
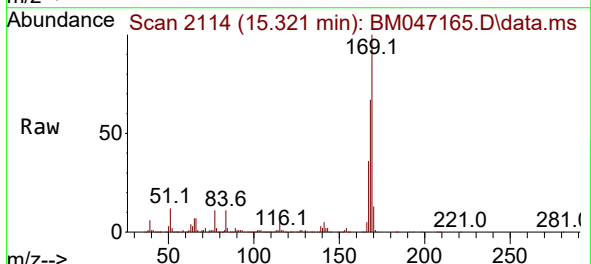
Instrument :
BNA_M
ClientSampleId :
SP6604

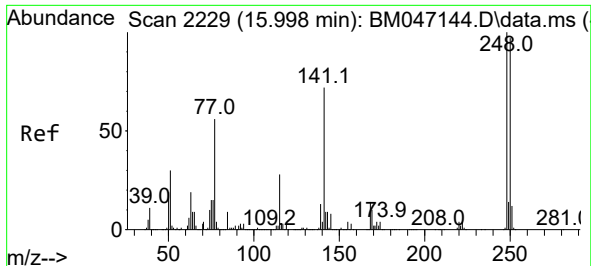
Tgt Ion:198 Resp: 460794
Ion Ratio Lower Upper
198 100
51 41.1 23.9 63.9
105 41.2 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 56.466 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:169 Resp: 2169191
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 36.4 29.3 43.9

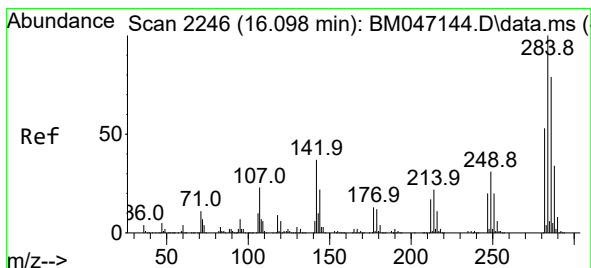
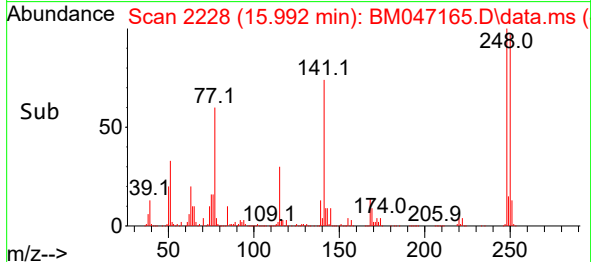
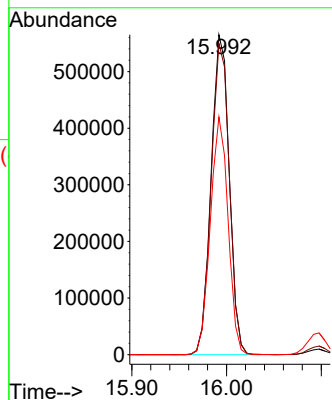
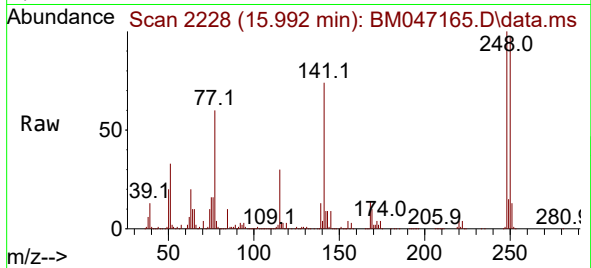




#67
4-Bromophenyl-phenylether
Concen: 55.054 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

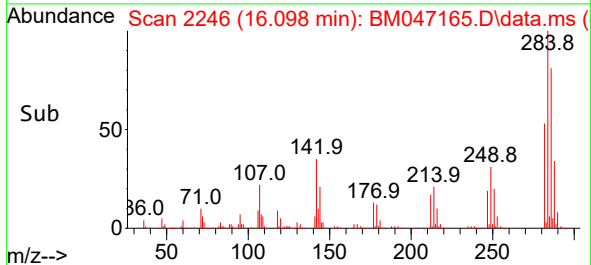
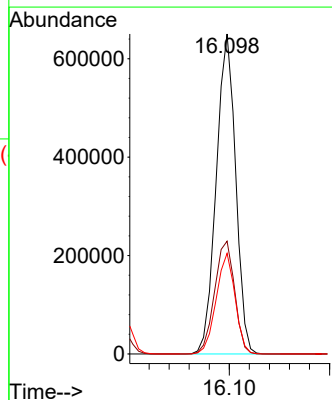
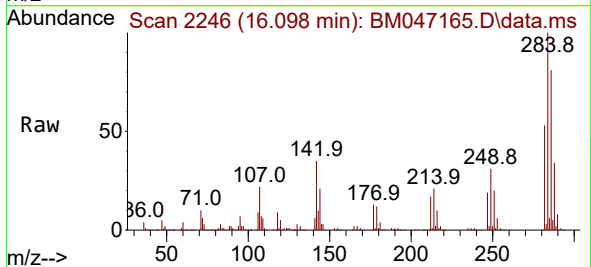
Instrument :
BNA_M
ClientSampleId :
SP6604

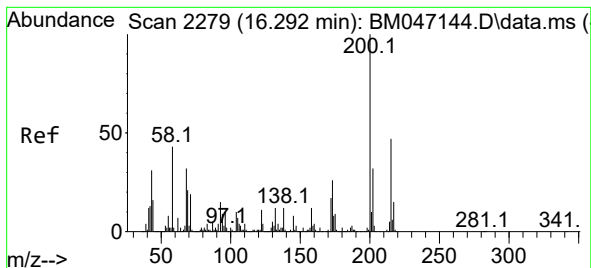
Tgt Ion:248 Resp: 748221
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 74.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 53.609 ng
RT: 16.098 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BM047165.D
Acq: 12 Aug 2024 21:30

Tgt Ion:284 Resp: 872599
Ion Ratio Lower Upper
284 100
142 35.3 29.4 44.0
249 31.5 25.1 37.7





#69

Atrazine

Concen: 64.793 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

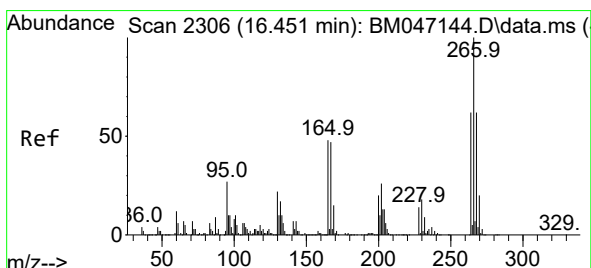
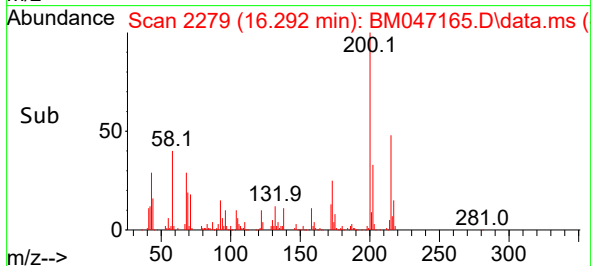
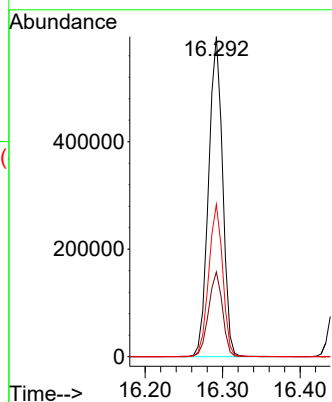
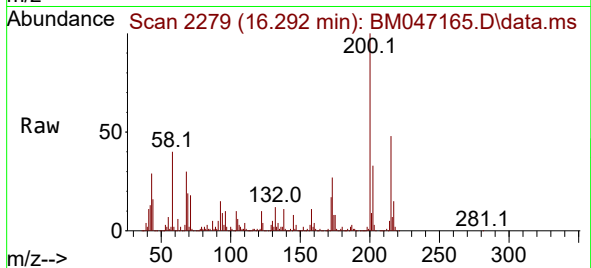
Tgt Ion:200 Resp: 749001

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

215 47.5 26.8 66.8



#70

Pentachlorophenol

Concen: 101.378 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

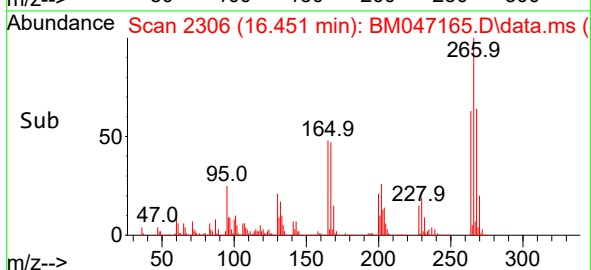
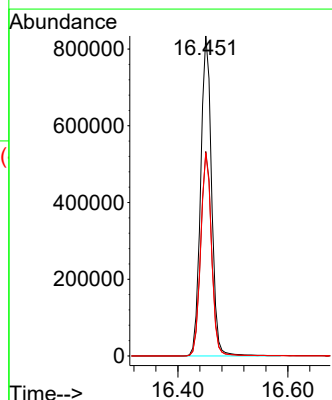
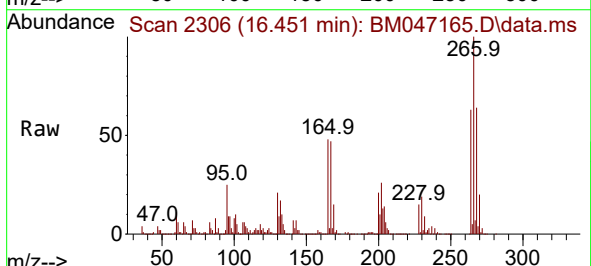
Tgt Ion:266 Resp: 1156723

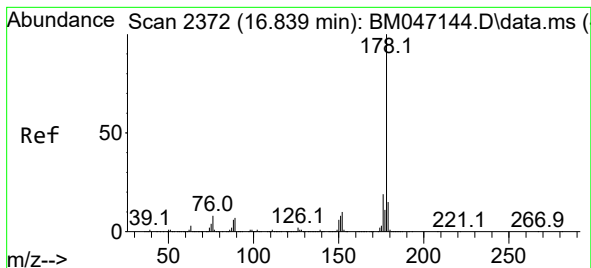
Ion Ratio Lower Upper

266 100

268 63.9 49.8 74.6

264 63.4 49.6 74.4





#71

Phenanthrene

Concen: 54.001 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

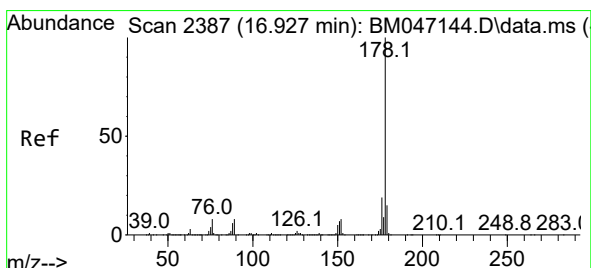
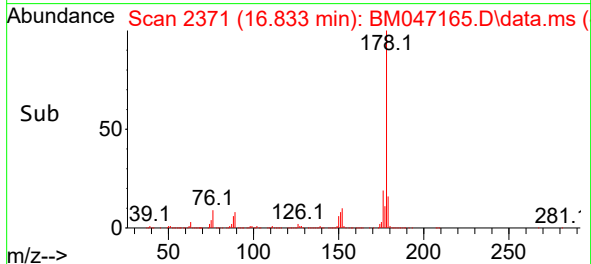
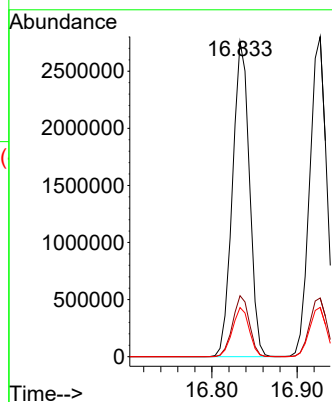
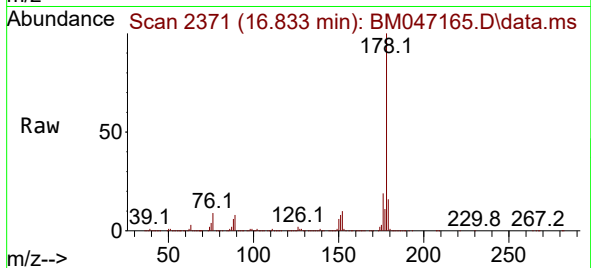
Tgt Ion:178 Resp: 3822278

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 12.4 18.6



#72

Anthracene

Concen: 56.499 ng

RT: 16.927 min Scan# 2387

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

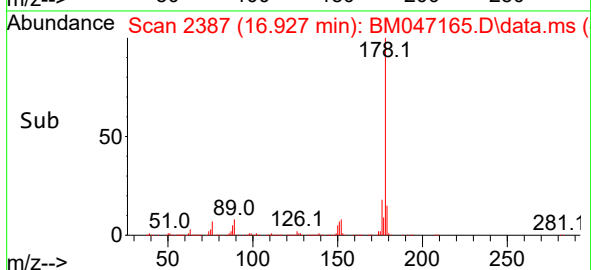
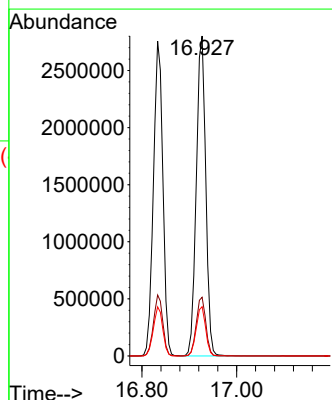
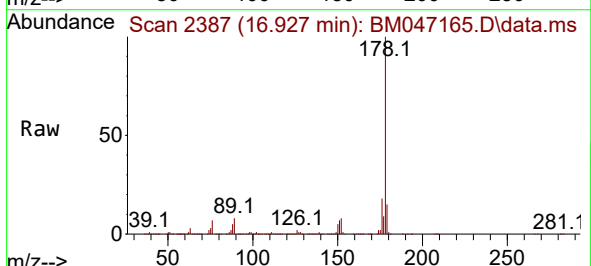
Tgt Ion:178 Resp: 3891233

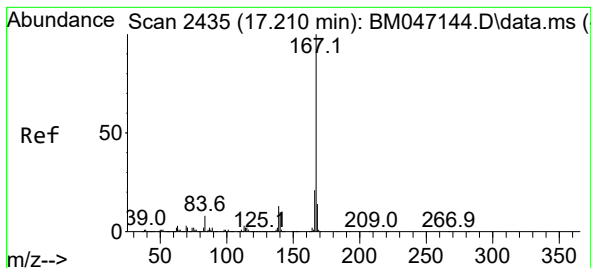
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.4 12.4 18.6





#73

Carbazole

Concen: 50.045 ng

RT: 17.204 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

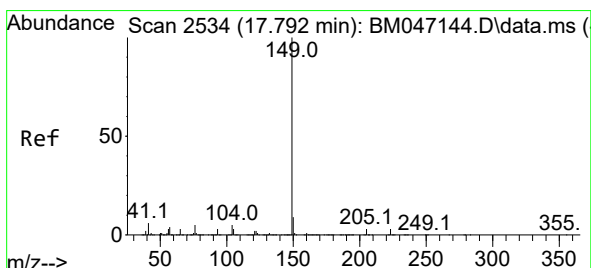
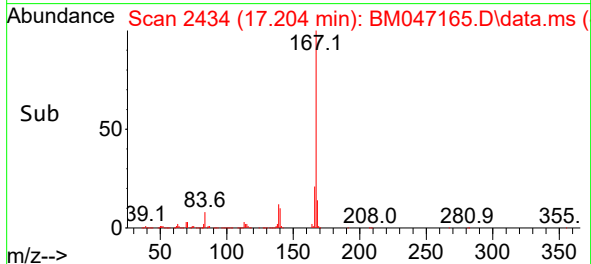
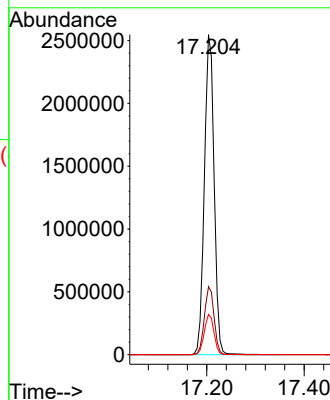
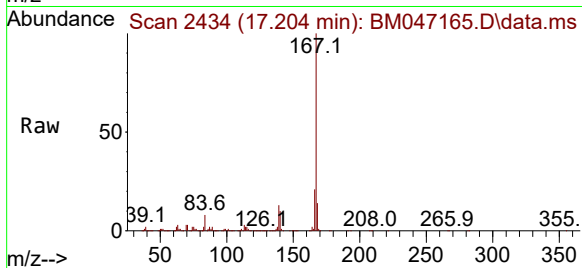
Tgt Ion:167 Resp: 3519217

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.6 10.0 15.0



#74

Di-n-butylphthalate

Concen: 51.352 ng

RT: 17.792 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

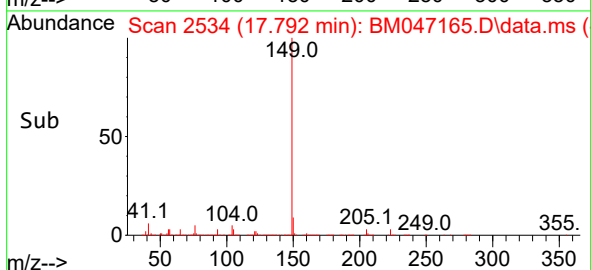
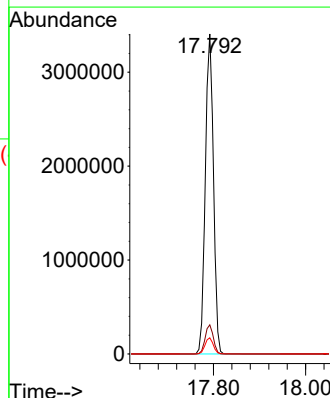
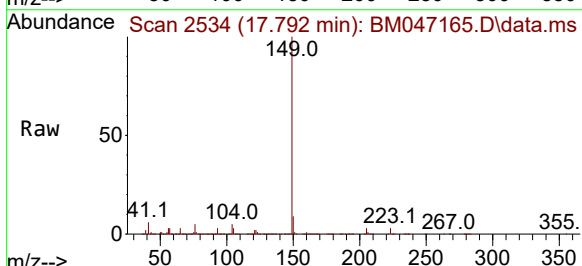
Tgt Ion:149 Resp: 4201785

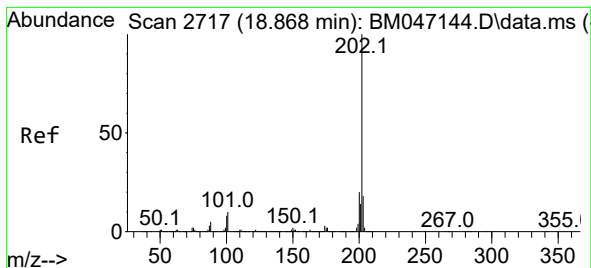
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 48.400 ng

RT: 18.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

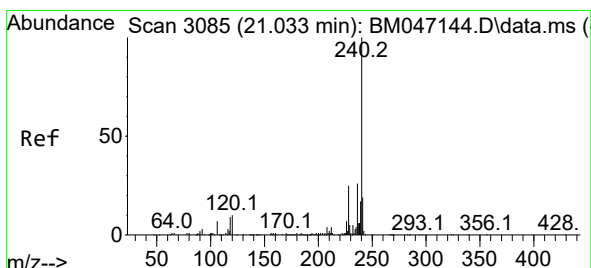
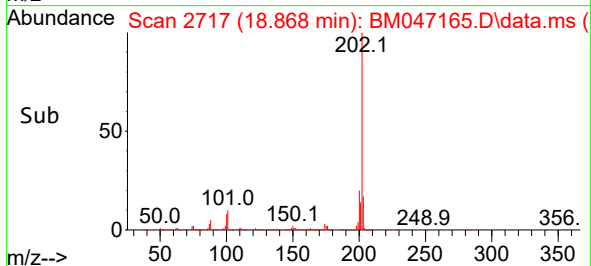
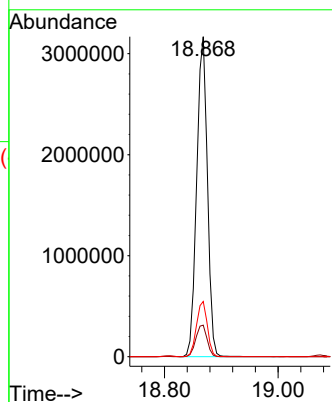
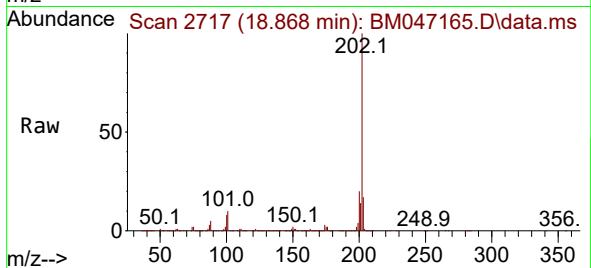
Tgt Ion:202 Resp: 4166972

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.2 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

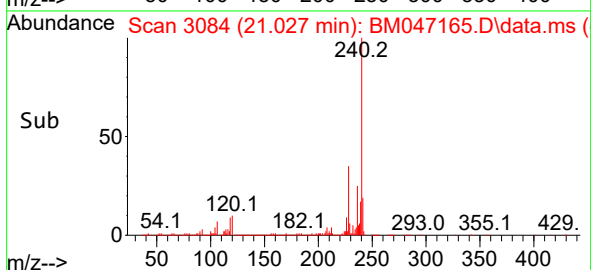
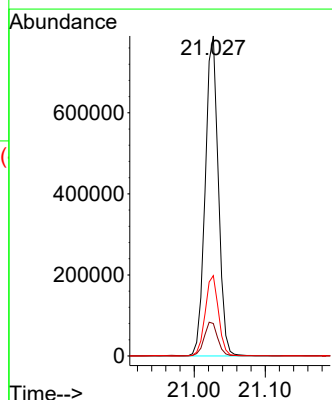
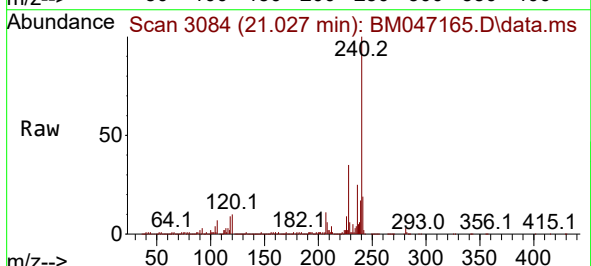
Tgt Ion:240 Resp: 1015578

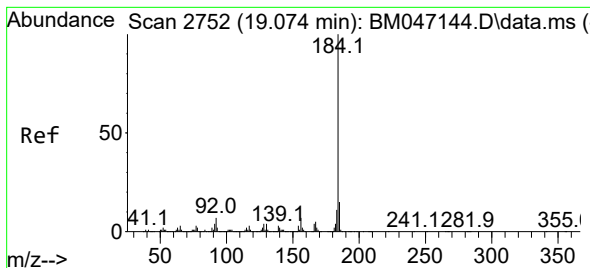
Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 25.1 20.6 30.8





#77

Benzidine

Concen: 180.546 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

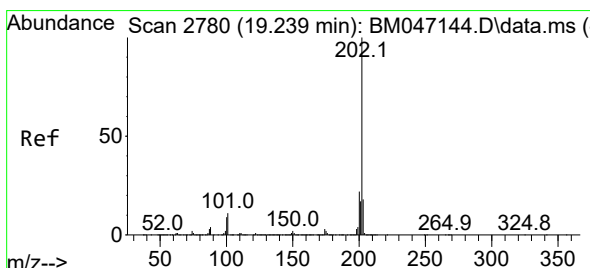
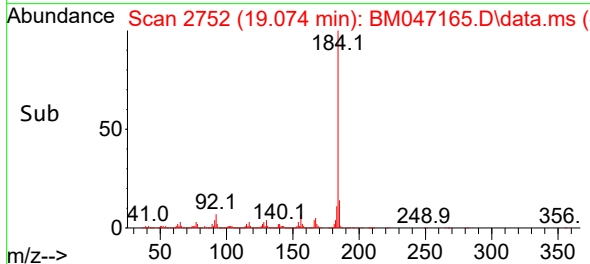
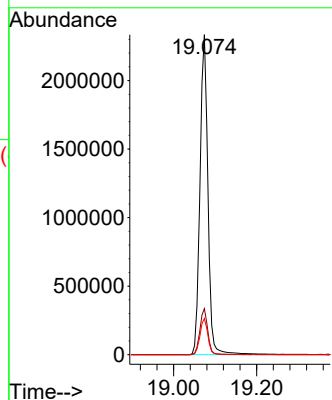
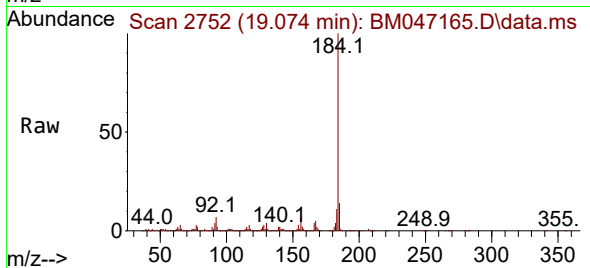
Tgt Ion:184 Resp: 3109478

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 11.3 9.0 13.6



#78

Pyrene

Concen: 59.292 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

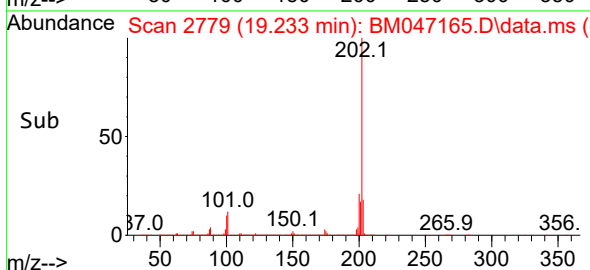
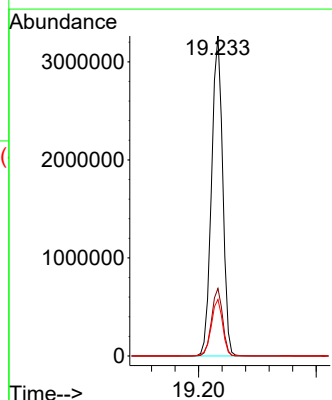
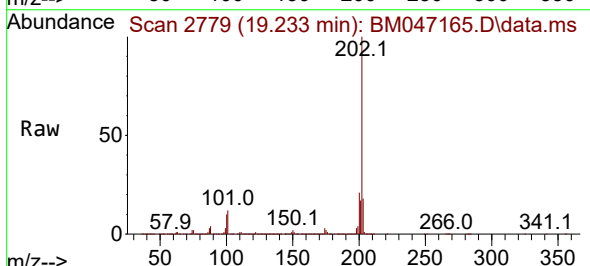
Tgt Ion:202 Resp: 4299534

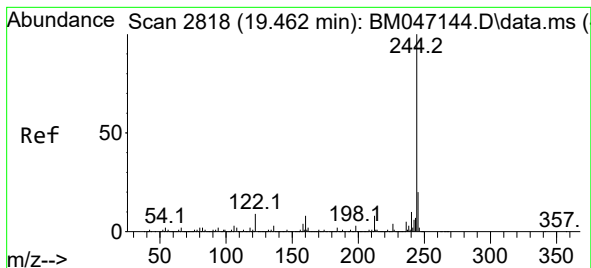
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 0.117 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

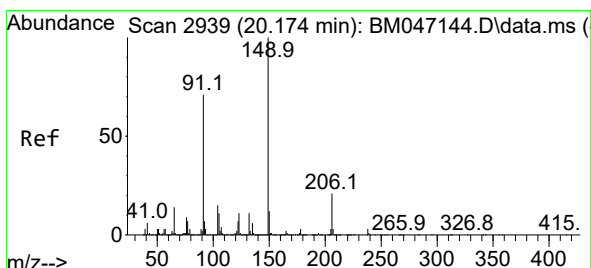
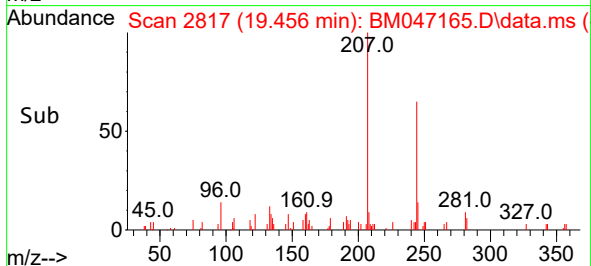
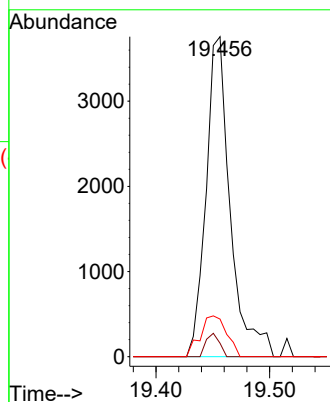
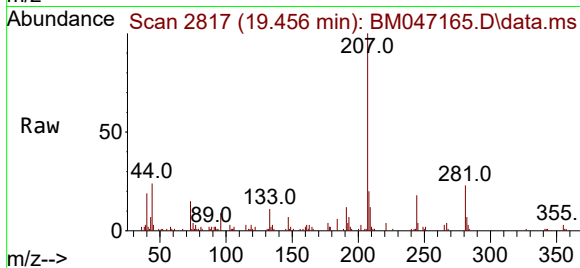
Tgt Ion:244 Resp: 5560

Ion Ratio Lower Upper

244 100

212 4.2 6.2 9.4#

122 11.8 7.1 10.7#



#80

Butylbenzylphthalate

Concen: 60.428 ng

RT: 20.174 min Scan# 2939

Delta R.T. -0.000 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

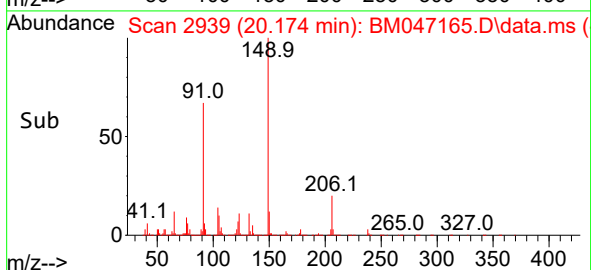
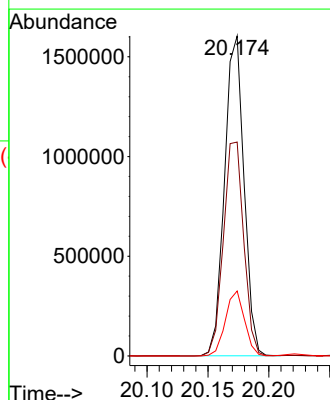
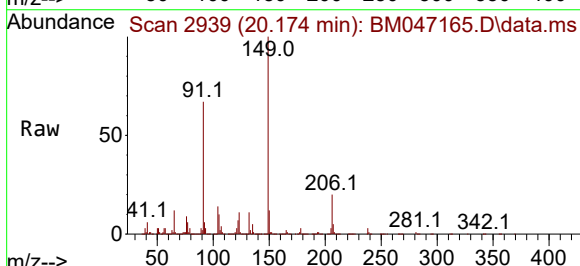
Tgt Ion:149 Resp: 1788285

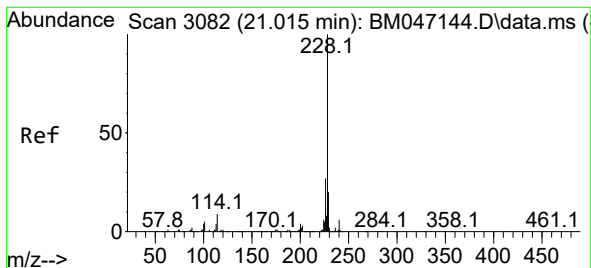
Ion Ratio Lower Upper

149 100

91 66.8 57.0 85.4

206 20.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 55.401 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

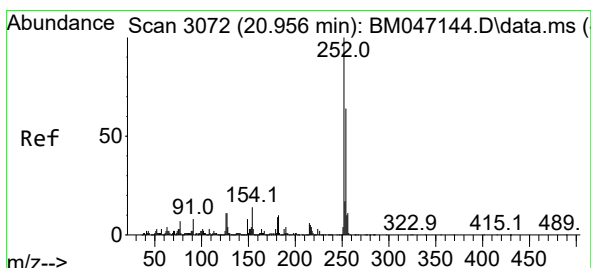
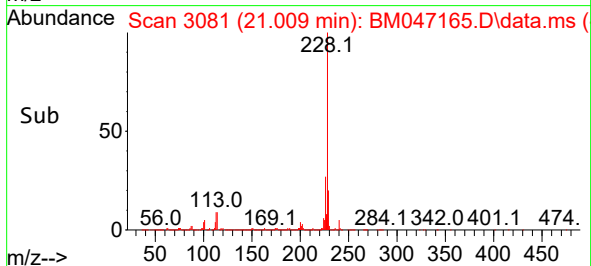
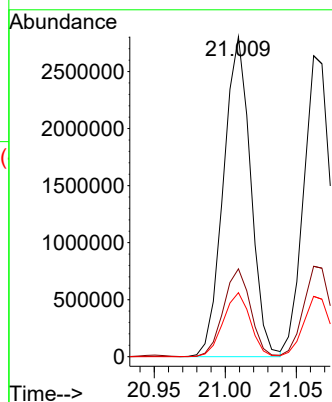
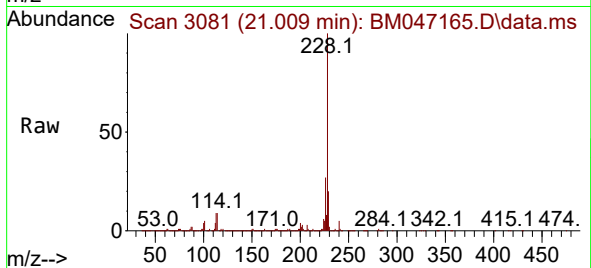
Tgt Ion:228 Resp: 3735131

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 46.555 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

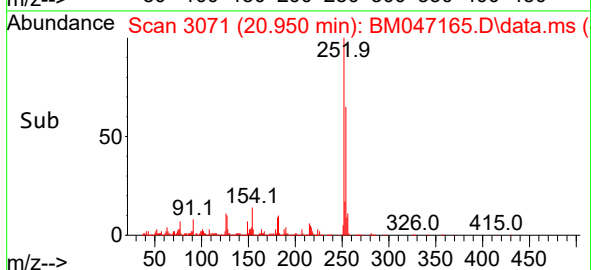
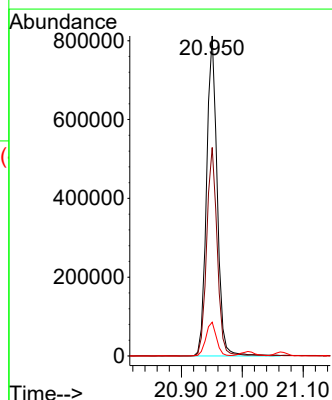
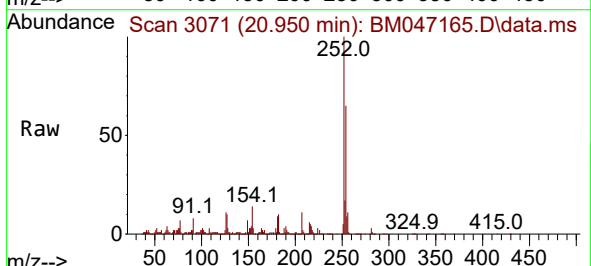
Tgt Ion:252 Resp: 982057

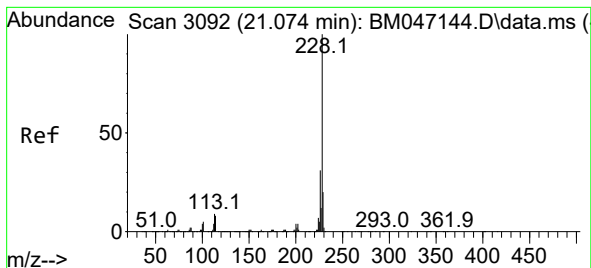
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 10.5 8.5 12.7





#83

Chrysene

Concen: 54.359 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

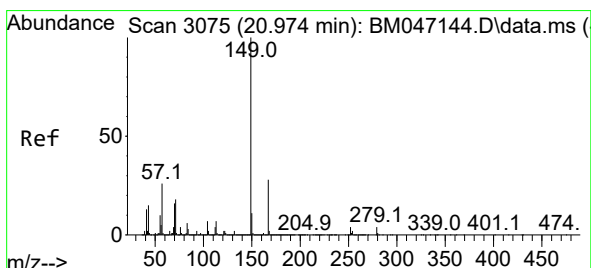
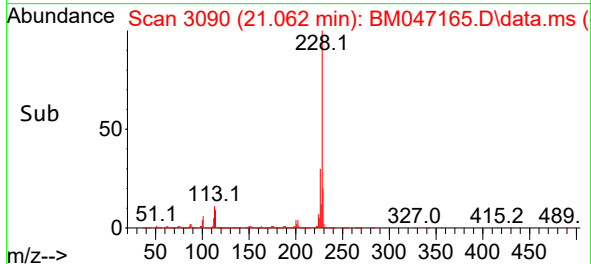
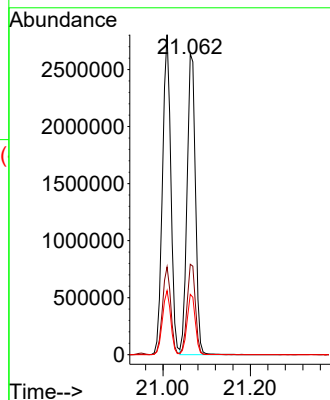
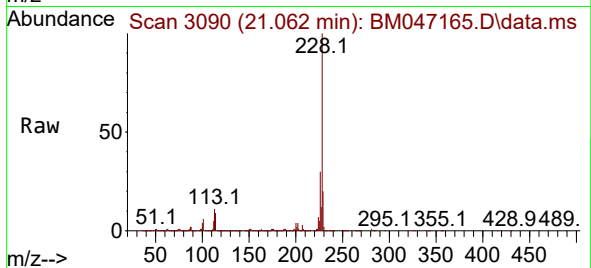
Tgt Ion:228 Resp: 3477134

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.911 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

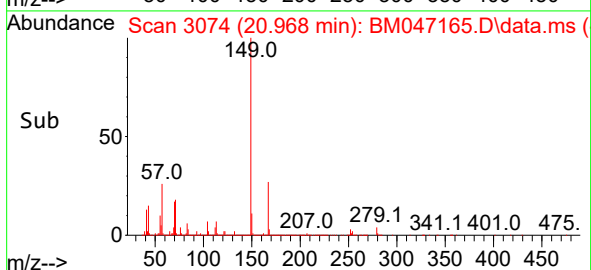
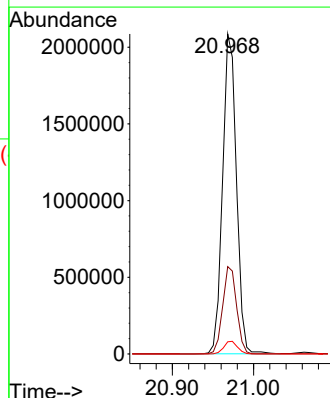
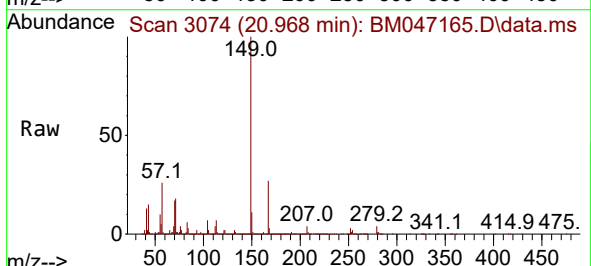
Tgt Ion:149 Resp: 2472422

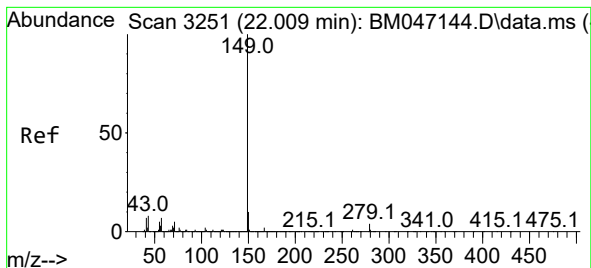
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 56.987 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

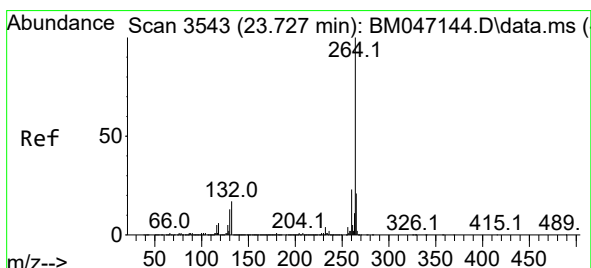
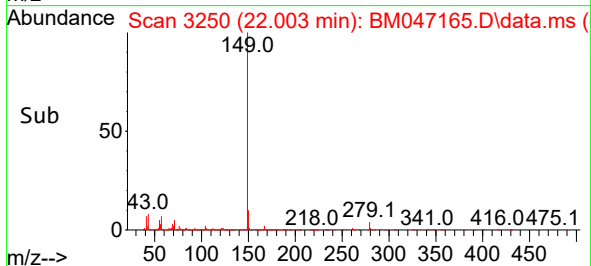
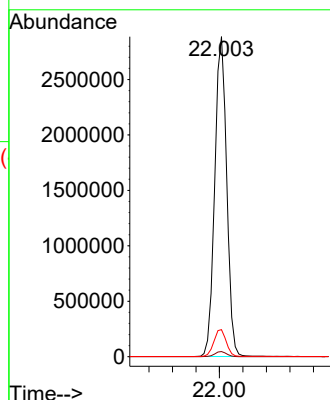
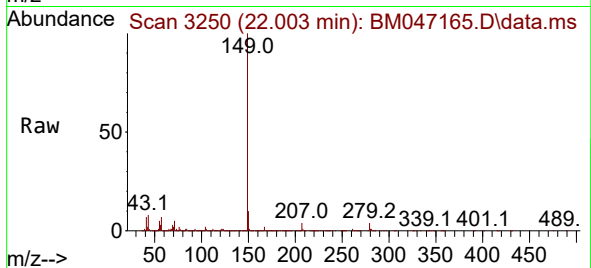
Tgt Ion:149 Resp: 4065131

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

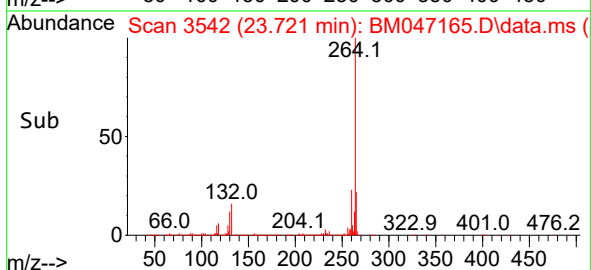
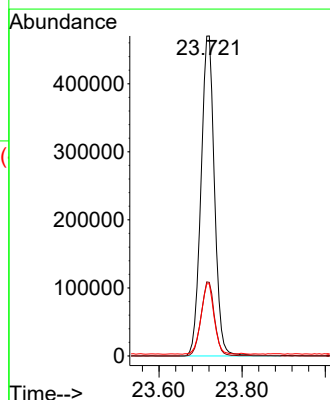
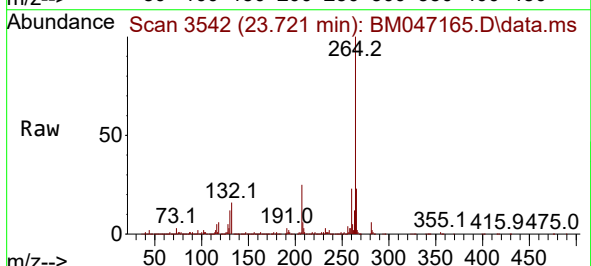
Tgt Ion:264 Resp: 1059589

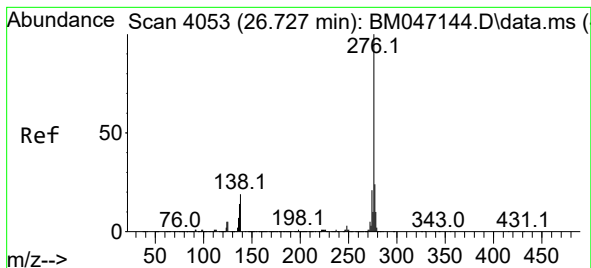
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.177 ng

RT: 26.715 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

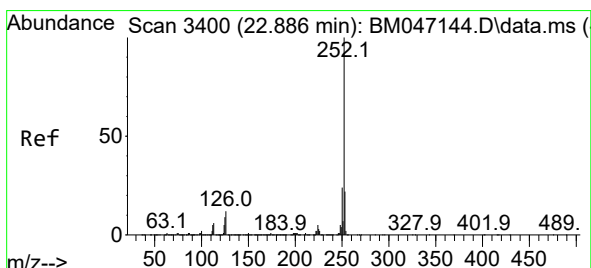
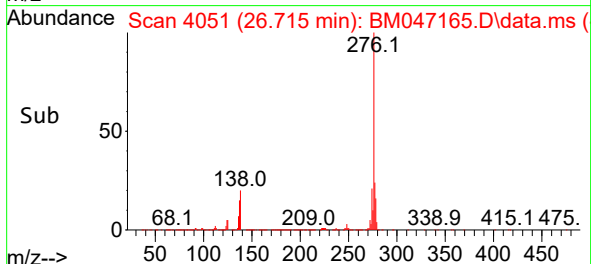
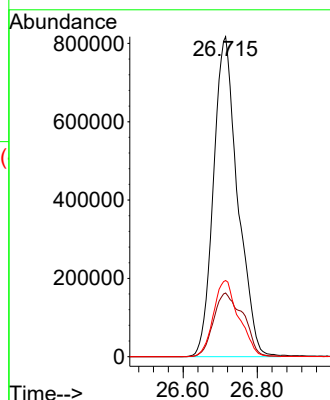
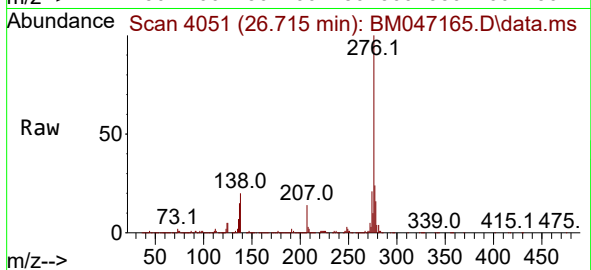
Tgt Ion:276 Resp: 3710539

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 55.330 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

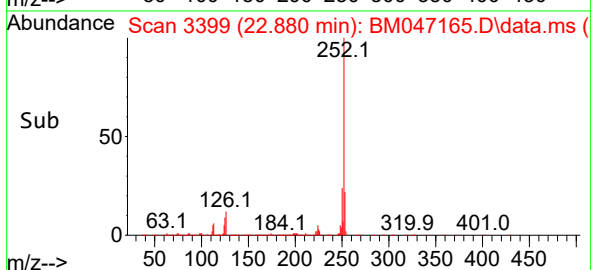
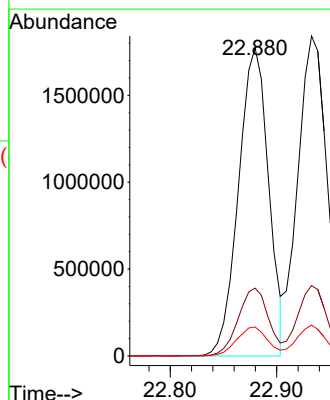
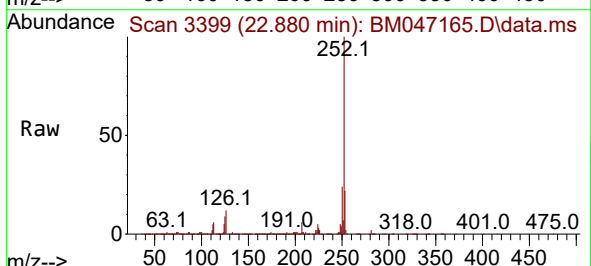
Tgt Ion:252 Resp: 3481605

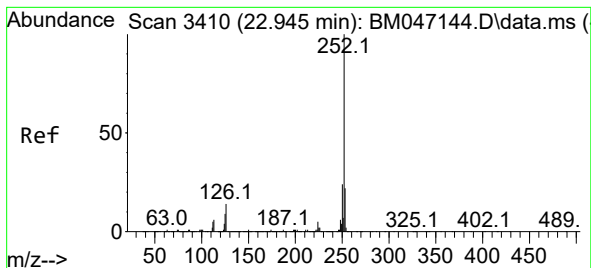
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 59.150 ng

RT: 22.933 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

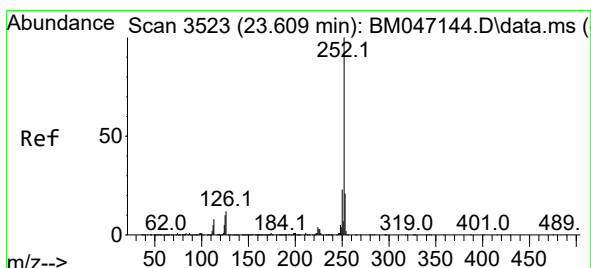
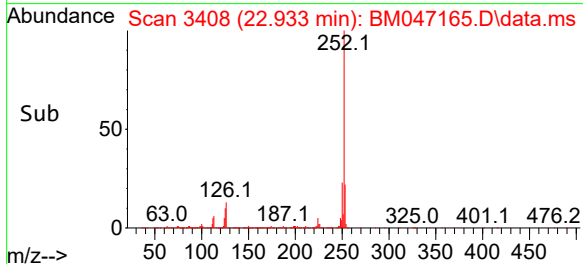
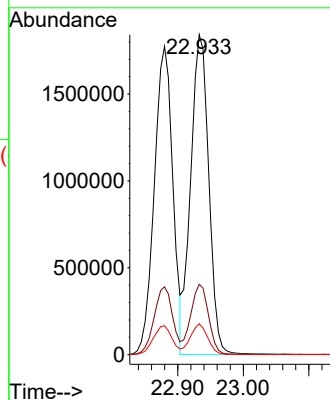
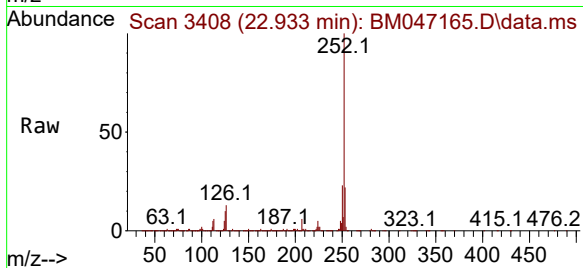
Tgt Ion:252 Resp: 3515578

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 60.475 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

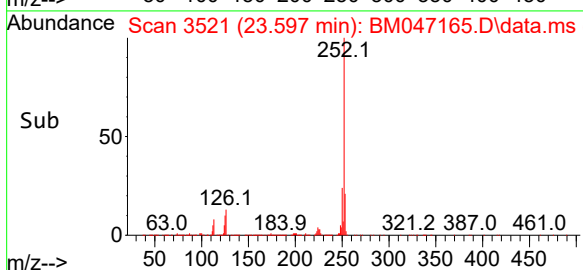
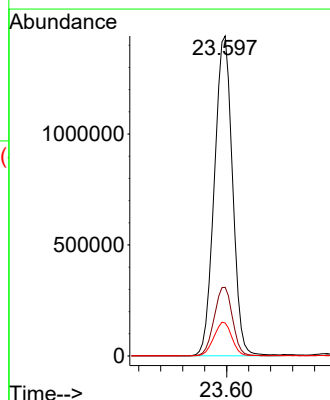
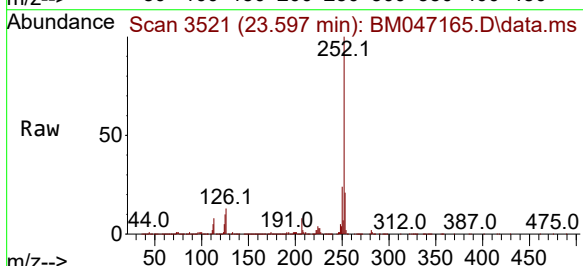
Tgt Ion:252 Resp: 3296464

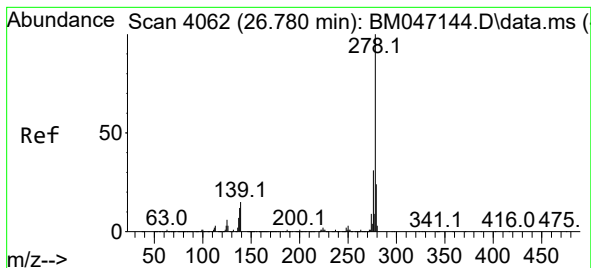
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 10.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 54.494 ng

RT: 26.762 min Scan# 4062

Delta R.T. -0.018 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Instrument :

BNA_M

ClientSampleId :

SP6604

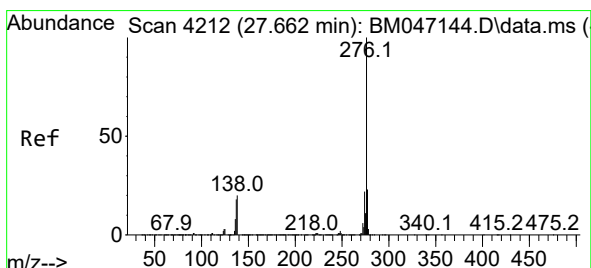
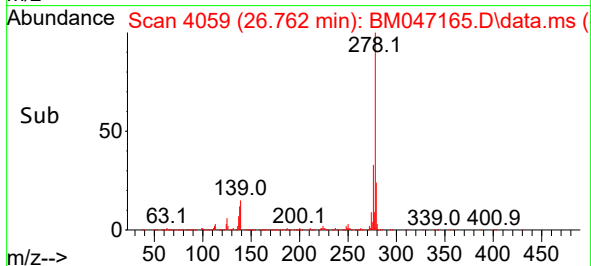
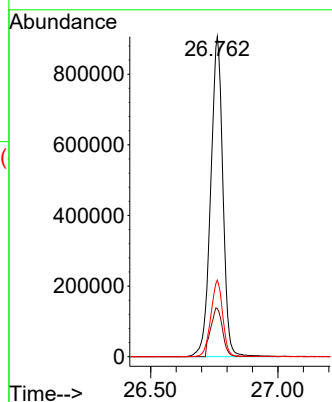
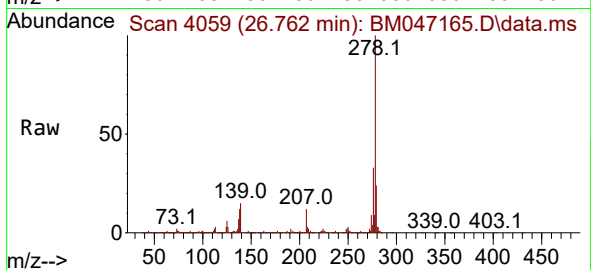
Tgt Ion:278 Resp: 3020408

Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.144 ng

RT: 27.632 min Scan# 4207

Delta R.T. -0.030 min

Lab File: BM047165.D

Acq: 12 Aug 2024 21:30

Tgt Ion:276 Resp: 2828088

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 20.2 16.2 24.4

