

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
 Data File : BM047470.D
 Acq On : 10 Sep 2024 20:42
 Operator : RC/JU
 Sample : SSTD16035
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD160018

Quant Time: Sep 11 00:12:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:00:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	484902	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	2109420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	1240776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2437824	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	2048852	20.000	ng/u1	0.01
88) Perylene-d12	24.533	264	1750763	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	751075	61.364	ng/uL	0.00
4) Pyridine-d5	3.716	84	6356225	190.388	ng/u1	0.00
7) Phenol-d5	7.040	99	7877895	213.867	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.210	67	4519667	186.478	ng/u1	0.01
11) 2-Chlorophenol-d4	7.416	132	6283235	201.368	ng/u1	0.01
15) 4-Methylphenol-d8	8.593	113	5997592	205.535	ng/u1	0.02
21) Nitrobenzene-d5	9.040	128	2928259	172.995	ng/u1	0.02
24) 2-Nitrophenol-d4	9.763	143	3194634	172.823	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.304	165	5977331	168.421	ng/u1	0.02
31) 4-Chloroaniline-d4	10.810	131	8340533	178.816	ng/u1	0.02
46) Dimethylphthalate-d6	13.927	166	15012070	158.236	ng/u1	0.02
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	14.716	143	3161527	172.352	ng/u1	0.04
60) Fluorene-d10	15.504	176	13004367	160.239	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	2663634	172.941	ng/u1	0.03
73) Anthracene-d10	17.345	188	16925524	146.455	ng/u1	0.01
81) Pyrene-d10	0.000	212	0	0.000	ng/u1	
92) Benzo(a)pyrene-d12	24.344	264	16980227	184.188	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	800717	58.792	ng/uL	99
5) Pyridine	3.734	79	6425547	194.405	ng/u1	99
6) Benzaldehyde	7.010	77	2724486	128.770	ng/u1	97
8) Phenol	7.069	94	7980207	215.124	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.304	93	5926540	187.437	ng/u1	98
12) 2-Chlorophenol	7.446	128	6351867	200.936	ng/u1	97
13) 2-Methylphenol	8.316	108	6016007	212.891	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	8190364	216.166	ng/u1	97
16) Acetophenone	8.710	105	9162830	199.502	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.728	70	4679960	193.228	ng/u1	95
18) 4-Methylphenol	8.669	108	6341151	207.686	ng/u1	97
19) Hexachloroethane	8.963	117	2522875	163.838	ng/u1	98
22) Nitrobenzene	9.087	77	6662194	147.316	ng/u1	95
23) Isophorone	9.634	82	13186575	170.411	ng/u1	97
25) 2-Nitrophenol	9.792	139	3466418	171.424	ng/u1	97
26) 2,4-Dimethylphenol	9.857	107	6294216	157.914	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.098	93	7864858	164.873	ng/u1	98
29) 2,4-Dichlorophenol	10.328	162	5930372	167.540	ng/u1	98
30) Naphthalene	10.834	128	644411	5.770	ng/u1#	1
32) 4-Chloroaniline	10.839	127	8080922	178.404	ng/u1	99
33) Hexachlorobutadiene	11.022	225	3334810	130.587	ng/u1	99
34) Caprolactam	11.663	113	1040191	97.041	ng/u1	94
35) 4-Chloro-3-methylphenol	11.969	107	6245004	171.098	ng/u1	97
36) 2-Methylnaphthalene	12.339	142	13473126	172.765	ng/u1	99

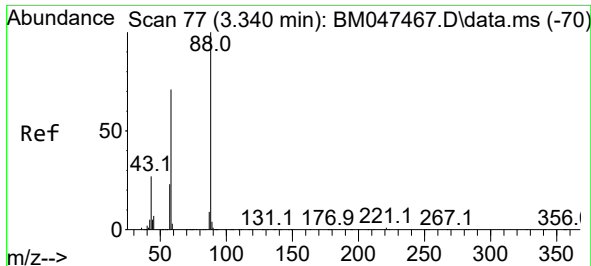
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	13376633	169.442	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	6471257	166.300	ng/ul	97
40) Hexachlorocyclopentadiene	12.692	237	4127449	161.018	ng/ul	97
41) 2,4,6-Trichlorophenol	12.945	196	4437211	174.212	ng/ul	100
42) 2,4,5-Trichlorophenol	13.016	196	4765564	173.293	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	14390984	155.032	ng/ul	95
44) 2-Chloronaphthalene	13.392	162	12452222	168.923	ng/ul	100
45) 2-Nitroaniline	13.592	65	3901679	174.173	ng/ul	88
47) Dimethylphthalate	13.975	163	14624577	153.623	ng/ul#	97
48) 2,6-Dinitrotoluene	14.092	165	3303821	178.525	ng/ul	93
51) 3-Nitroaniline	14.416	138	3321211	176.220	ng/ul#	90
52) Acenaphthene	14.575	153	13674188	169.593	ng/ul	96
53) 2,4-Dinitrophenol	14.616	184	2061042	157.841	ng/ul#	83
55) 4-Nitrophenol	14.733	109	2471577	133.129	ng/ul	93
57) 2,4-Dinitrotoluene	14.874	165	4634489	163.875	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.133	232	3756054	153.640	ng/ul	95
59) Diethylphthalate	15.339	149	15526224	151.610	ng/ul	95
61) Fluorene	15.563	166	13418645	143.768	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	6755061	147.015	ng/ul	99
63) 4-Nitroaniline	15.592	138	2773499	148.911	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.645	198	2891489	171.570	ng/ul#	89
67) N-Nitrosodiphenylamine	15.763	169	12305925	170.304	ng/ul	98
68) 4-Bromophenyl-phenylether	16.445	248	4539398	172.035	ng/ul	95
69) Hexachlorobenzene	16.563	284	4949065	159.285	ng/ul	93
70) Atrazine	16.721	200	4196838	148.034	ng/ul	99
71) Pentachlorophenol	16.892	266	3442772	163.662	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	6534039	186.286	ng/uL	99
76) Pentachlorobenzene	14.833	250	6095975	167.903	ng/uL	97
77) Carbazole	17.639	167	17083020	133.710	ng/ul#	85
80) Fluoranthene	19.233	202	43849	0.313	ng/ul#	51
83) Butylbenzylphthalate	20.551	149	11960509	183.222	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.380	252	7376785	146.869	ng/ul	99
85) Benzo(a)anthracene	21.521	228	3094291	20.679	ng/ul#	83
86) Bis(2-ethylhexyl)phtha...	21.392	149	14552111	152.700	ng/ul#	80
87) Chrysene	21.521	228	3094291	21.682	ng/ul#	87
90) Benzo(b)fluoranthene	23.580	252	20655146	190.728	ng/ul	98
91) Benzo(k)fluoranthene	23.650	252	19673090	183.827	ng/ul	97
93) Benzo(a)pyrene	24.415	252	18017496	178.582	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.027	276	20513859	158.695	ng/ul	100
95) Dibenzo(a,h)anthracene	28.097	278	16618989	160.060	ng/ul	99
96) Benzo(g,h,i)perylene	29.115	276	15418952	150.970	ng/ul	99

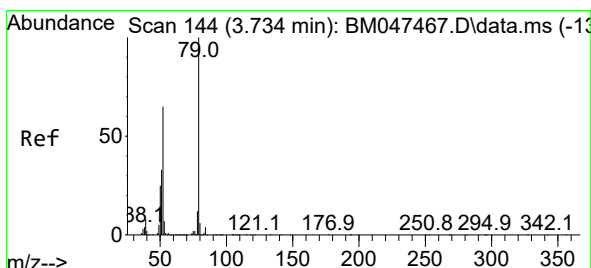
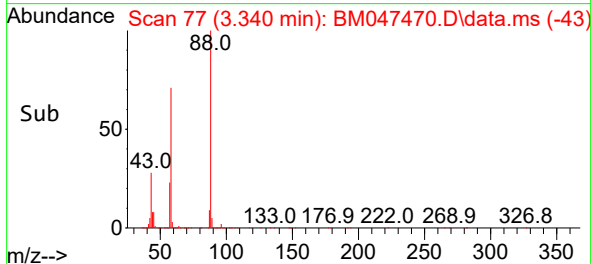
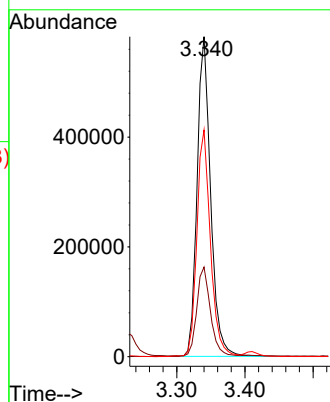
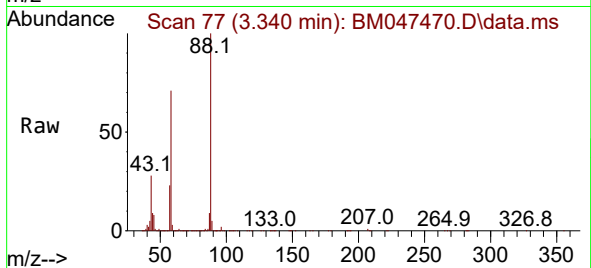
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#2
1,4-Dioxane
Concen: 58.792 ng/uL
RT: 3.340 min Scan# 77
Delta R.T. -0.000 min
Lab File: BM047470.D
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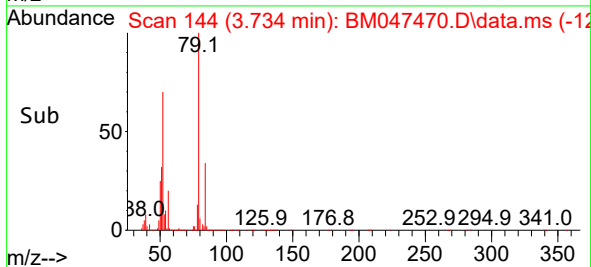
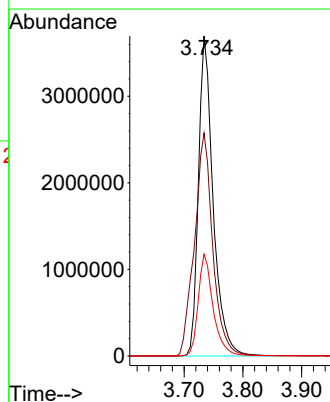
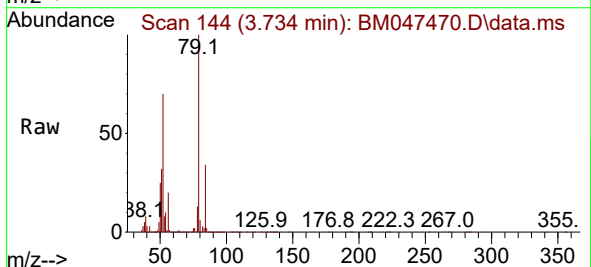
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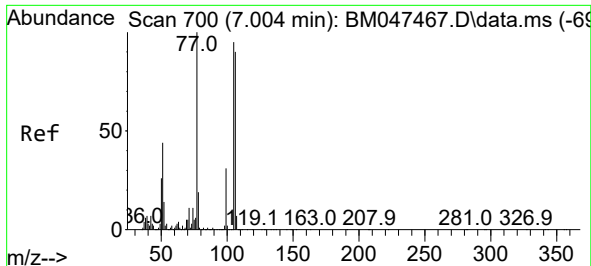
Tgt Ion: 88 Resp: 800717
Ion Ratio Lower Upper
88 100
43 28.0 24.1 36.1
58 70.9 57.0 85.4



#5
Pyridine
Concen: 194.405 ng/uL
RT: 3.734 min Scan# 144
Delta R.T. -0.000 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion: 79 Resp: 6425547
Ion Ratio Lower Upper
79 100
52 69.6 55.6 83.4
51 31.8 26.6 39.8

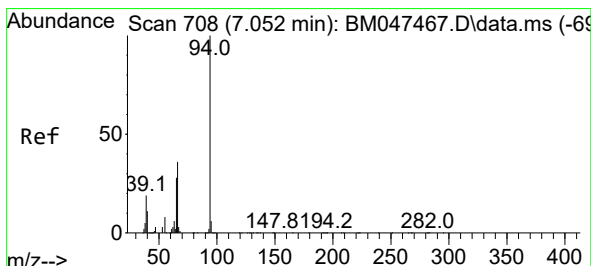
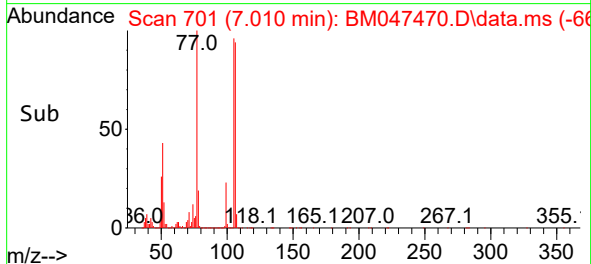
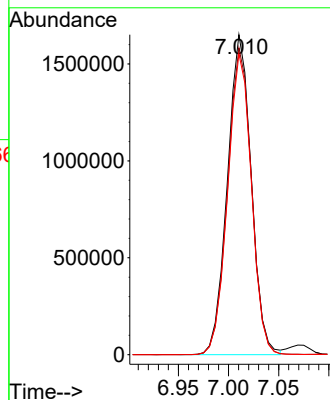
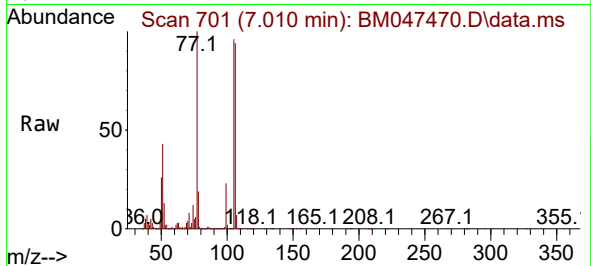




#6
Benzaldehyde
Concen: 128.770 ng/ul
RT: 7.010 min Scan# 701
Delta R.T. 0.006 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

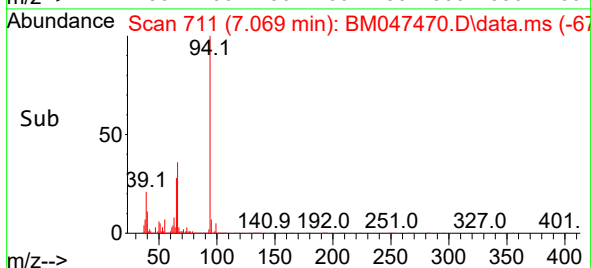
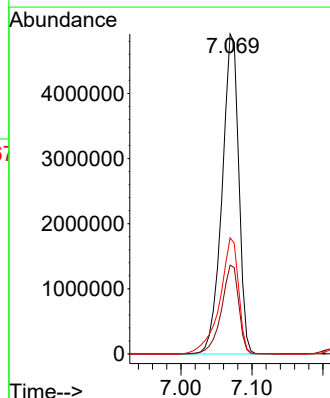
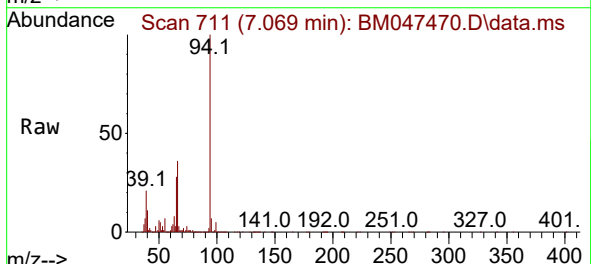
Instrument :
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ClientSampleId :
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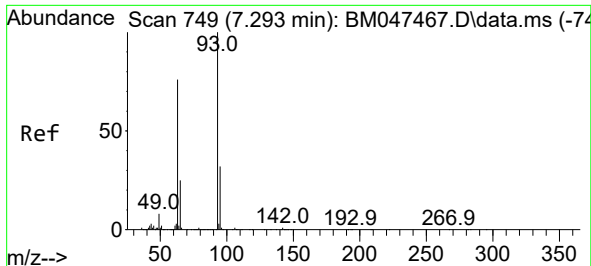
Tgt Ion: 77 Resp: 2724486
Ion Ratio Lower Upper
77 100
105 95.9 75.6 113.4
106 94.0 72.1 108.1



#8
Phenol
Concen: 215.124 ng/ul
RT: 7.069 min Scan# 711
Delta R.T. 0.018 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion: 94 Resp: 7980207
Ion Ratio Lower Upper
94 100
65 27.7 22.2 33.2
66 36.3 28.7 43.1

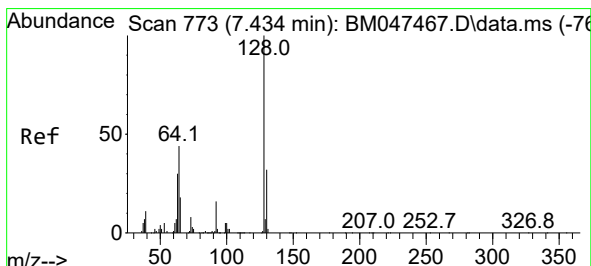
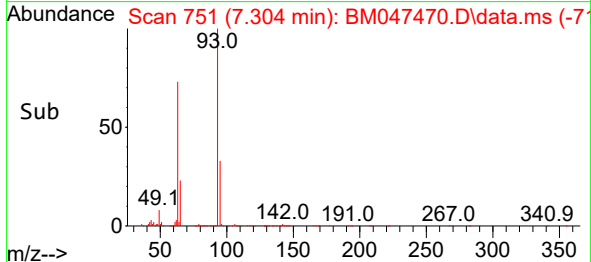
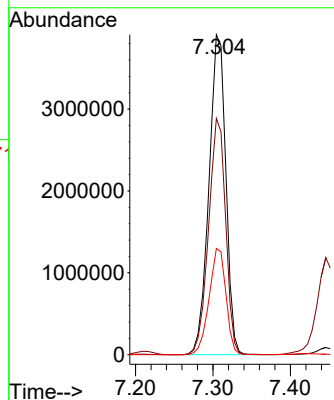
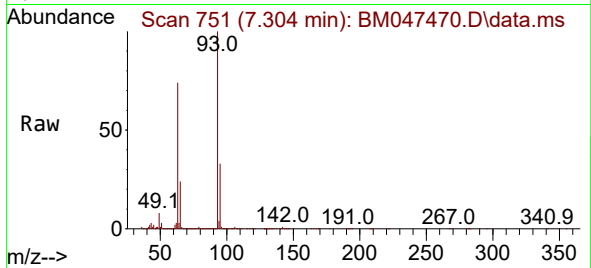




#10
Bis(2-Chloroethyl)ether
Concen: 187.437 ng/ul
RT: 7.304 min Scan# 749
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

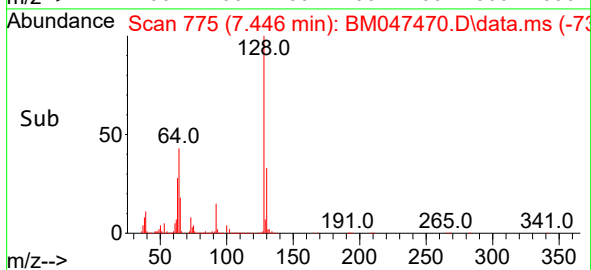
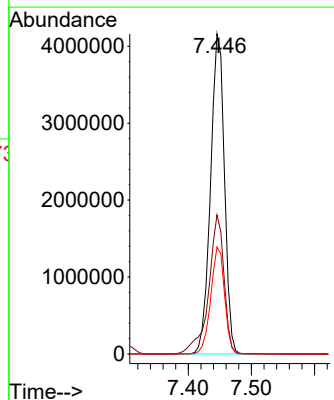
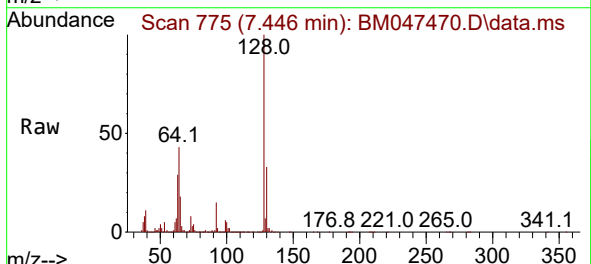
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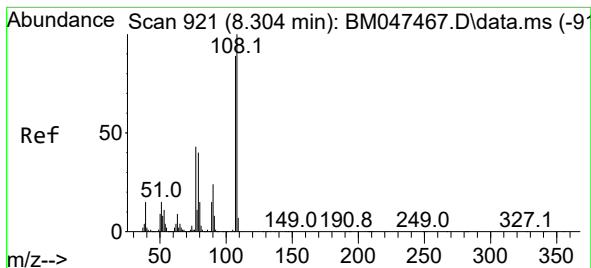
Tgt Ion: 93 Resp: 5926540
Ion Ratio Lower Upper
93 100
63 73.8 60.9 91.3
95 33.2 25.8 38.6



#12
2-Chlorophenol
Concen: 200.936 ng/ul
RT: 7.446 min Scan# 775
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:128 Resp: 6351867
Ion Ratio Lower Upper
128 100
64 43.5 36.7 55.1
130 33.4 25.9 38.9

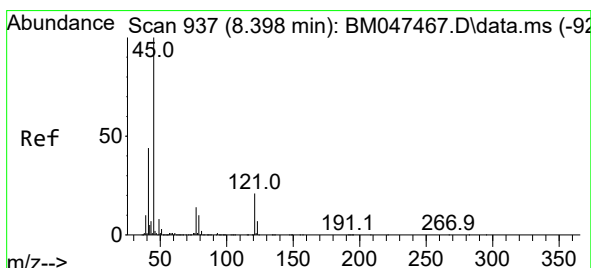
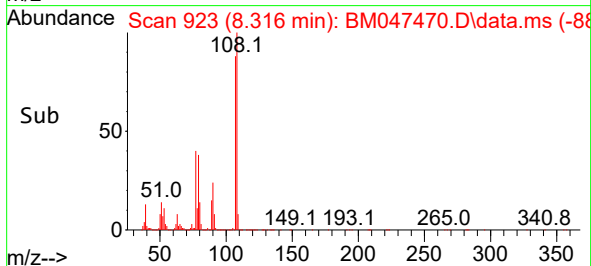
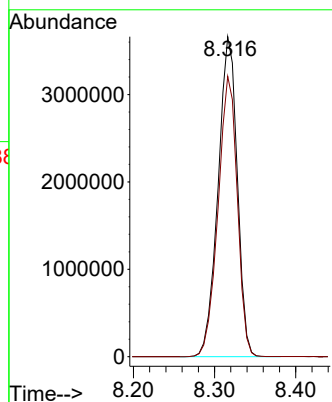
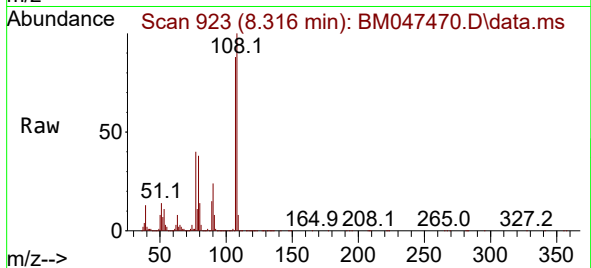




#13
2-Methylphenol
Concen: 212.891 ng/ul
RT: 8.316 min Scan# 91
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

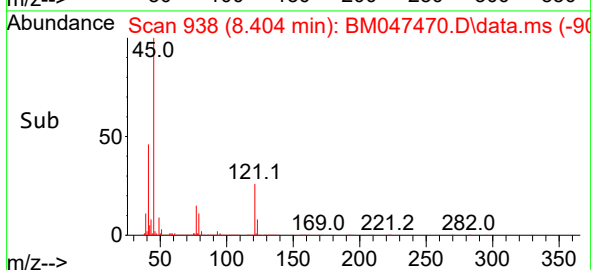
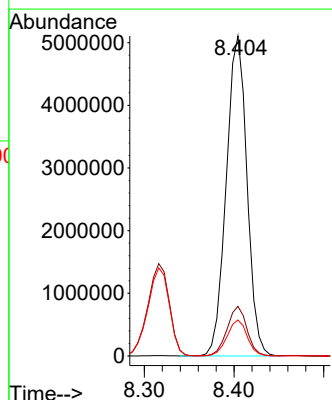
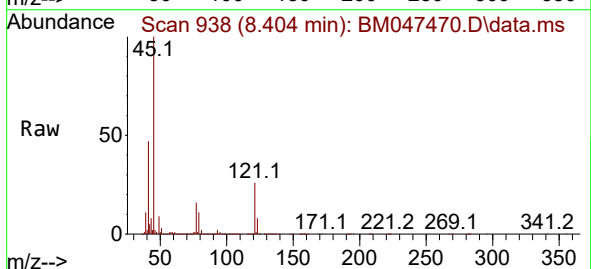
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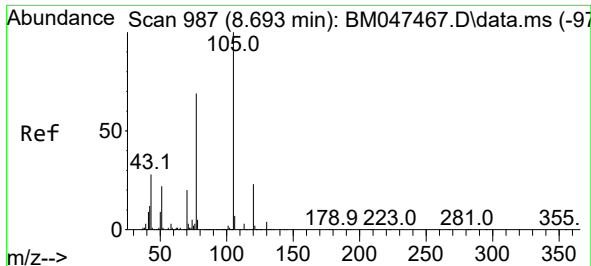
Tgt Ion:108 Resp: 6016007
Ion Ratio Lower Upper
108 100
107 87.6 71.1 106.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 216.166 ng/ul
RT: 8.404 min Scan# 938
Delta R.T. 0.006 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion: 45 Resp: 8190364
Ion Ratio Lower Upper
45 100
77 15.5 11.2 16.8
79 11.3 8.2 12.2

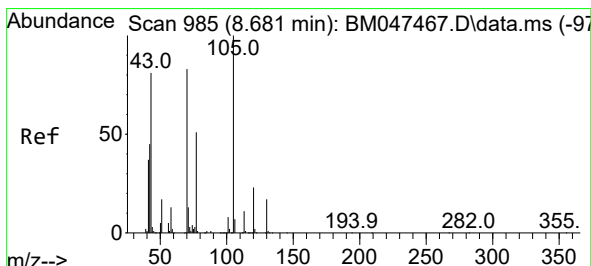
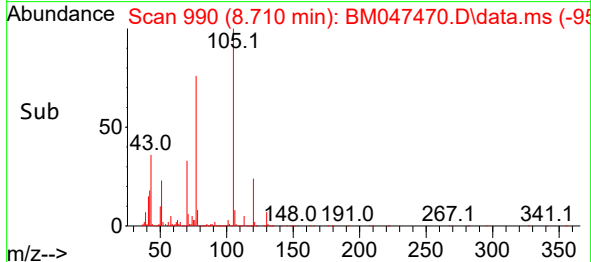
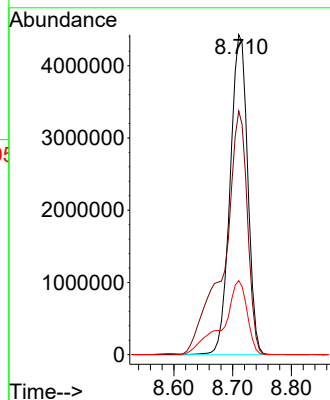
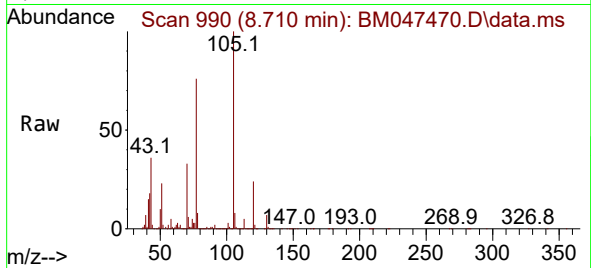




#16
Acetophenone
Concen: 199.502 ng/ul
RT: 8.710 min Scan# 991
Delta R.T. 0.018 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

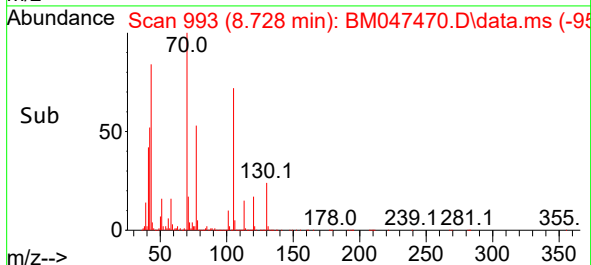
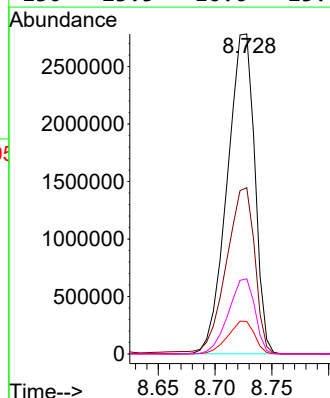
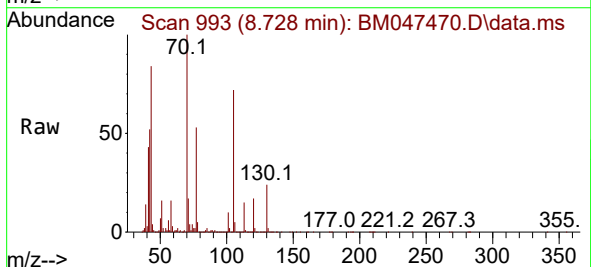
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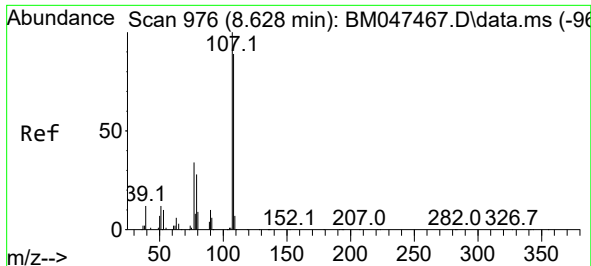
Tgt Ion:105 Resp: 9162830
Ion Ratio Lower Upper
105 100
77 76.1 63.0 94.4
51 23.2 20.3 30.5



#17
N-Nitroso-di-n-propylamine
Concen: 193.228 ng/ul
RT: 8.728 min Scan# 993
Delta R.T. 0.047 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion: 70 Resp: 4679960
Ion Ratio Lower Upper
70 100
42 52.0 44.5 66.7
101 10.1 7.3 10.9
130 23.5 16.6 25.0

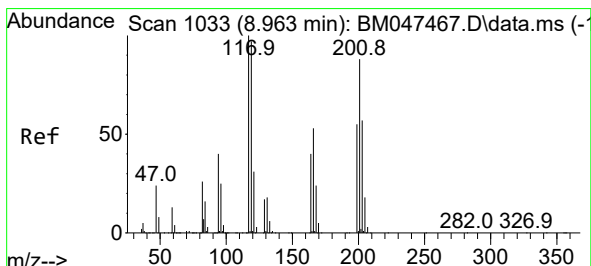
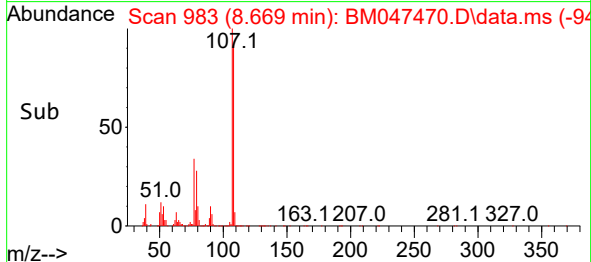
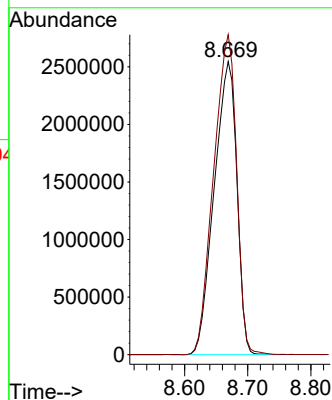
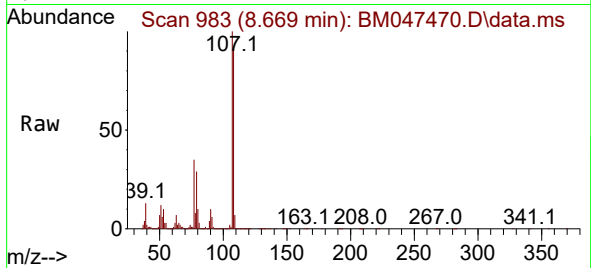




#18
4-Methylphenol
Concen: 207.686 ng/ul
RT: 8.669 min Scan# 983
Delta R.T. 0.041 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

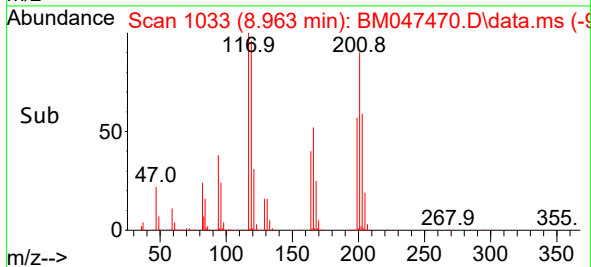
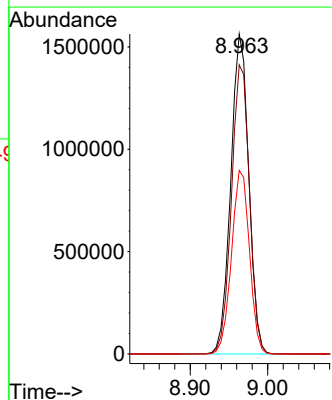
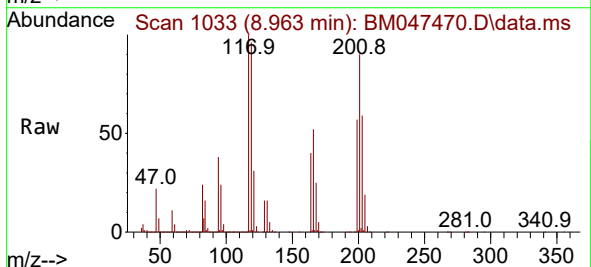
Instrument :
BNA_M
ClientSampleId :
SSTD160018

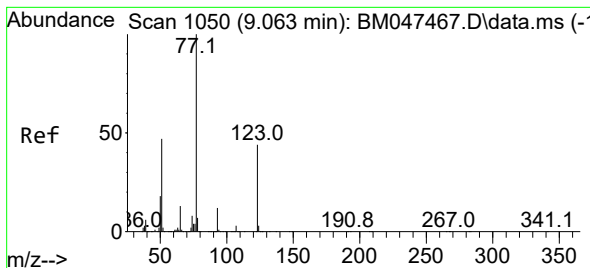
Tgt Ion:108 Resp: 6341151
Ion Ratio Lower Upper
108 100
107 109.2 90.2 135.4



#19
Hexachloroethane
Concen: 163.838 ng/ul
RT: 8.963 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:117 Resp: 2522875
Ion Ratio Lower Upper
117 100
201 90.3 70.7 106.1
199 57.4 44.2 66.4

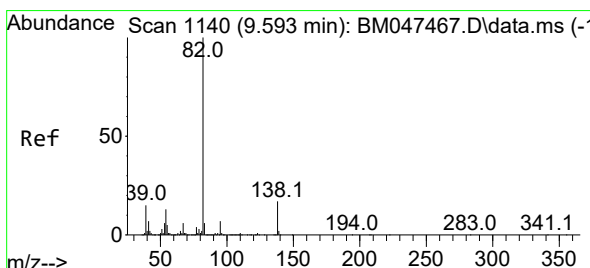
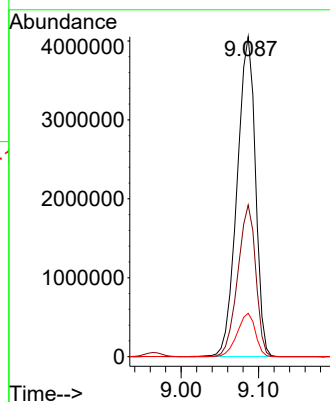
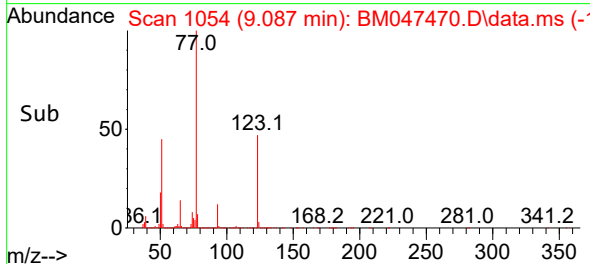
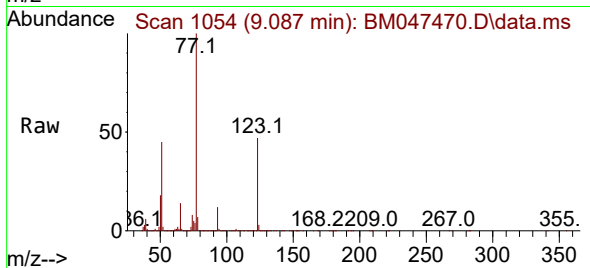




#22
Nitrobenzene
Concen: 147.316 ng/ul
RT: 9.087 min Scan# 1054
Delta R.T. 0.023 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

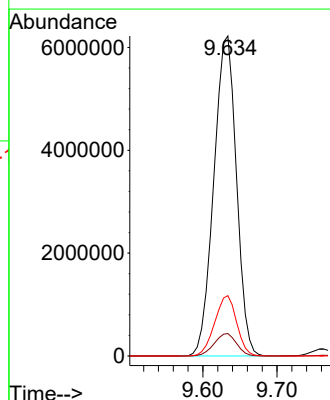
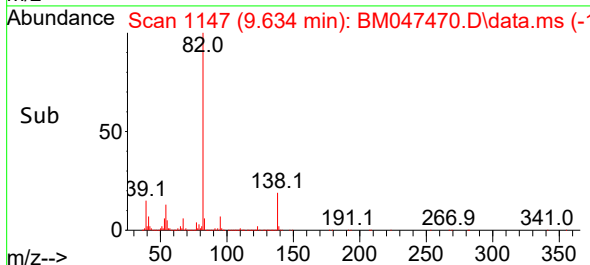
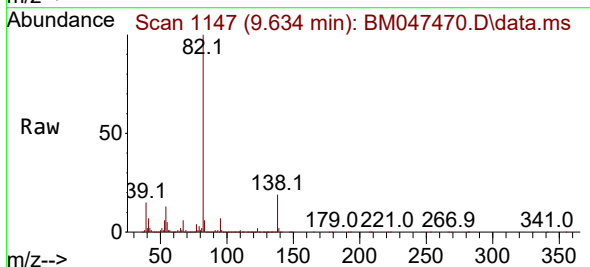
Instrument :
BNA_M
ClientSampleId :
SSTD160018

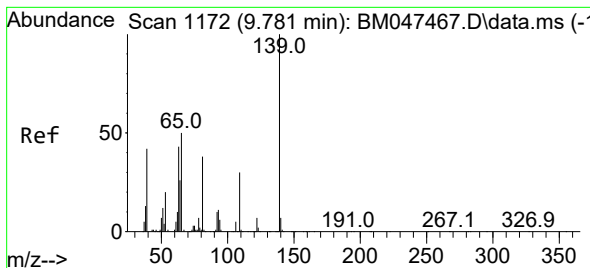
Tgt Ion: 77 Resp: 6662194
Ion Ratio Lower Upper
77 100
123 47.4 34.8 52.2
65 13.6 10.7 16.1



#23
Isophorone
Concen: 170.411 ng/ul
RT: 9.634 min Scan# 1147
Delta R.T. 0.041 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion: 82 Resp: 13186575
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 18.9 13.7 20.5

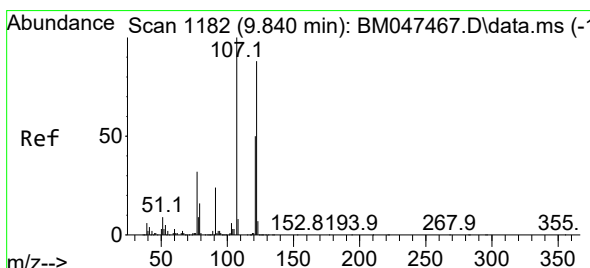
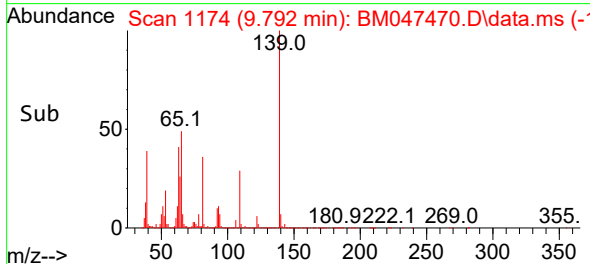
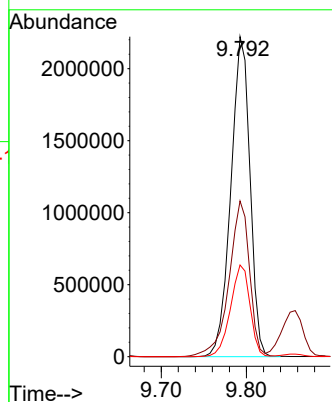
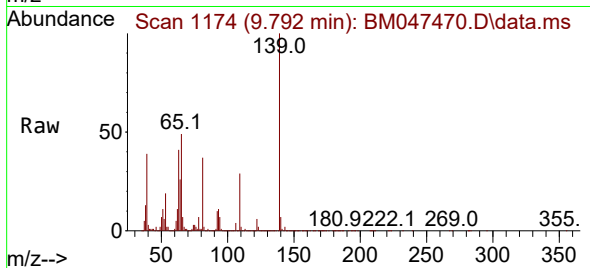




#25
2-Nitrophenol
Concen: 171.424 ng/ul
RT: 9.792 min Scan# 1174
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

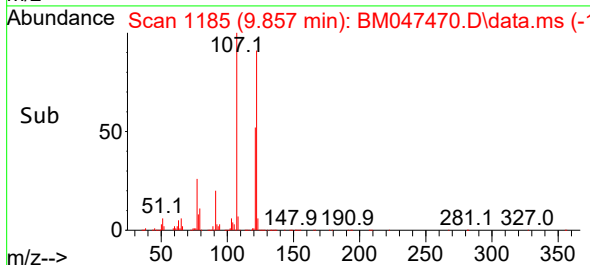
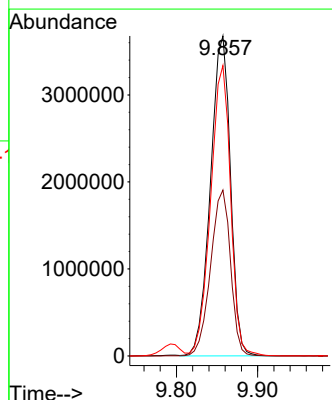
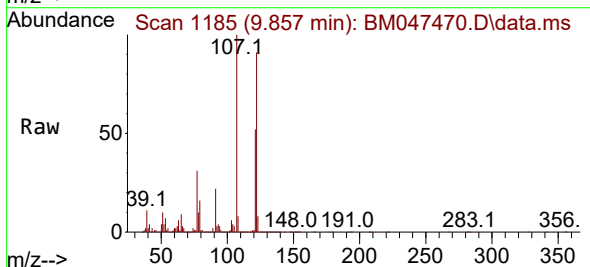
Instrument :
BNA_M
ClientSampleId :
SSTD160018

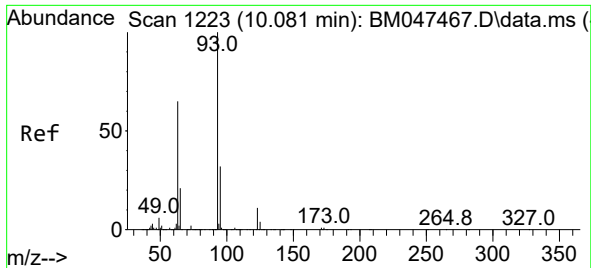
Tgt Ion:139 Resp: 3466418
Ion Ratio Lower Upper
139 100
65 48.7 40.6 60.8
109 28.7 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 157.914 ng/ul
RT: 9.857 min Scan# 1185
Delta R.T. 0.018 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:107 Resp: 6294216
Ion Ratio Lower Upper
107 100
121 51.8 40.1 60.1
122 90.7 71.2 106.8

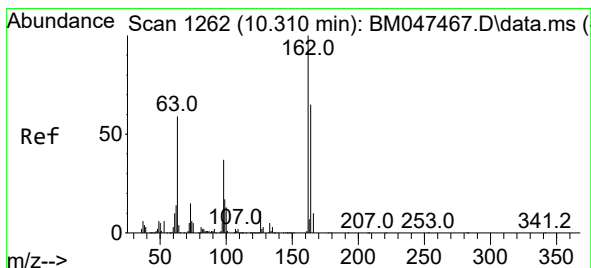
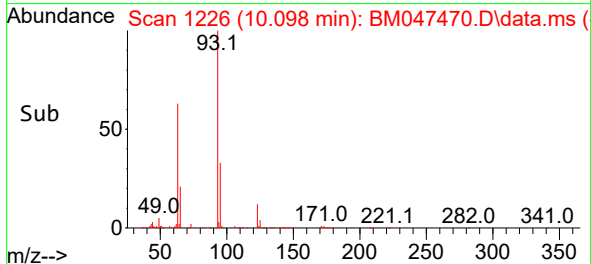
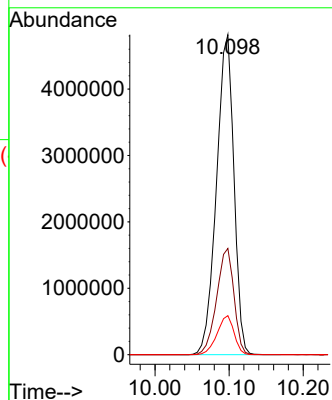
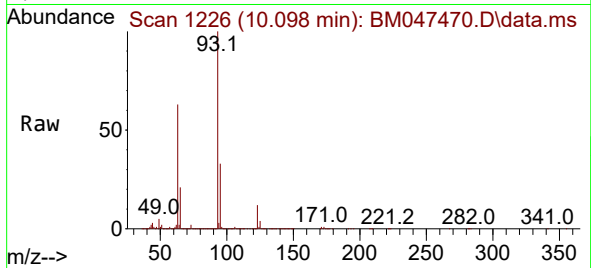




#27
 Bis(2-Chloroethoxy)methane
 Concen: 164.873 ng/ul
 RT: 10.098 min Scan# 1226
 Delta R.T. 0.018 min
 Lab File: BM047470.D
 Acq: 10 Sep 2024 20:42

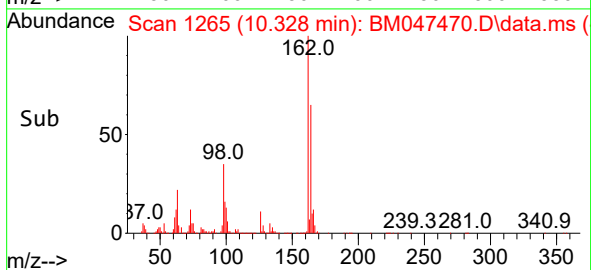
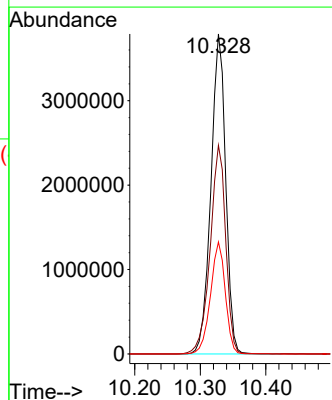
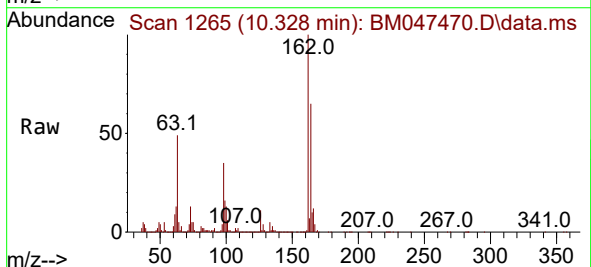
Instrument :
 BNA_M
 ClientSampleId :
 SSTD160018

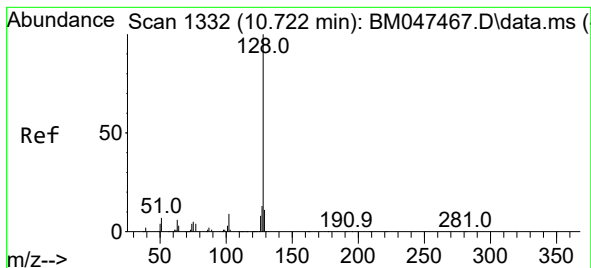
Tgt Ion: 93 Resp: 7864858
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.9 38.9
 123 12.2 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 167.540 ng/ul
 RT: 10.328 min Scan# 1265
 Delta R.T. 0.018 min
 Lab File: BM047470.D
 Acq: 10 Sep 2024 20:42

Tgt Ion:162 Resp: 5930372
 Ion Ratio Lower Upper
 162 100
 164 65.2 51.8 77.8
 98 35.0 29.7 44.5

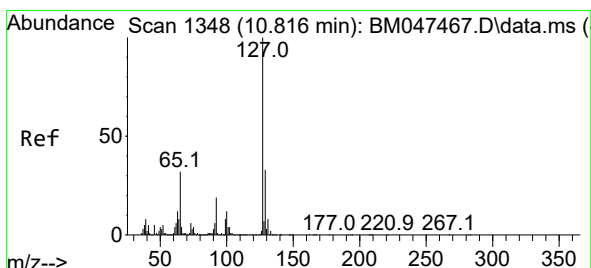
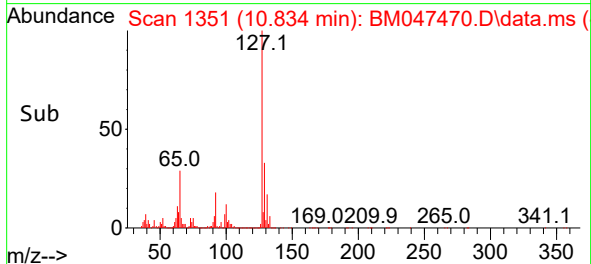
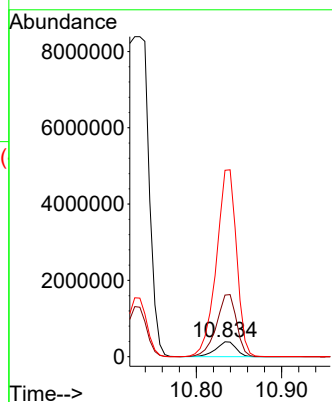
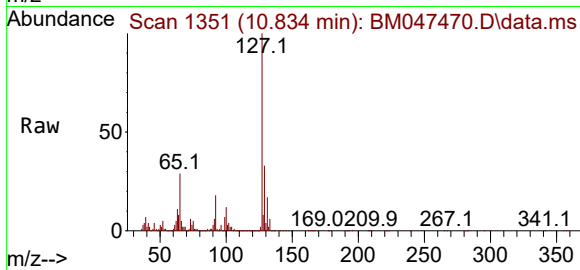




#30
Naphthalene
Concen: 5.770 ng/ul
RT: 10.834 min Scan# 1351
Delta R.T. 0.112 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

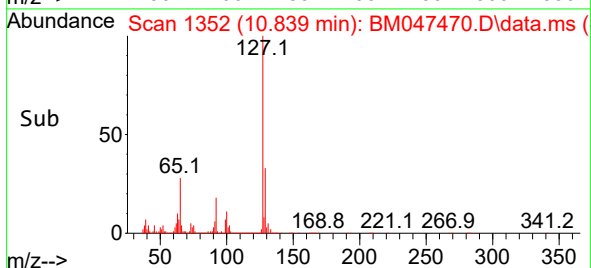
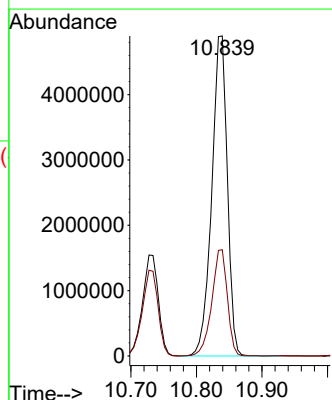
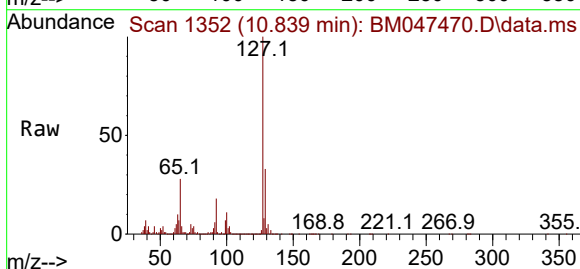
Instrument :
BNA_M
ClientSampleId :
SSTD160018

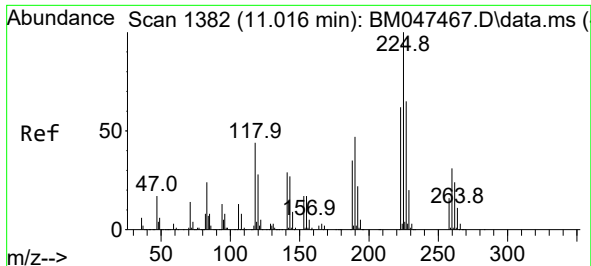
Tgt Ion:128 Resp: 644411
Ion Ratio Lower Upper
128 100
129 415.0 8.6 13.0#
127 1254.5 10.1 15.1#



#32
4-Chloroaniline
Concen: 178.404 ng/ul
RT: 10.839 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:127 Resp: 8080922
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.2

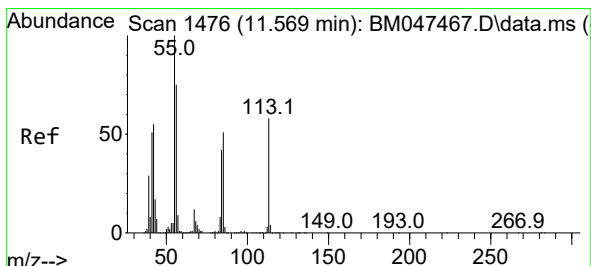
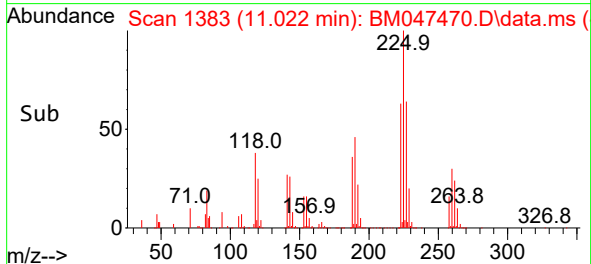
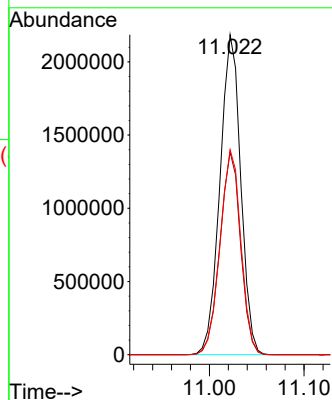
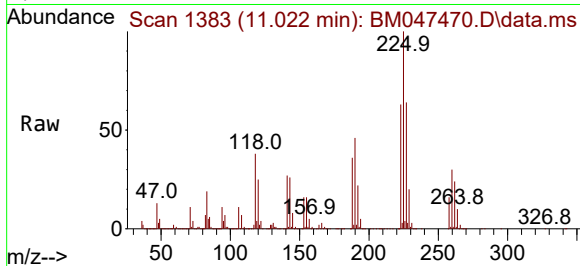




#33
Hexachlorobutadiene
Concen: 130.587 ng/ul
RT: 11.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

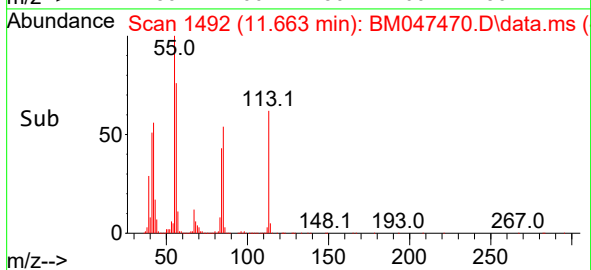
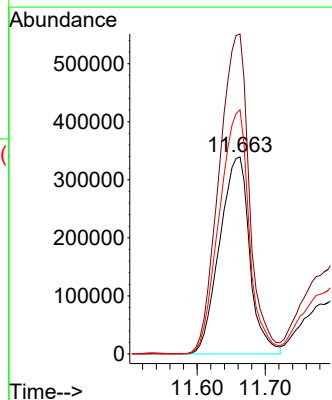
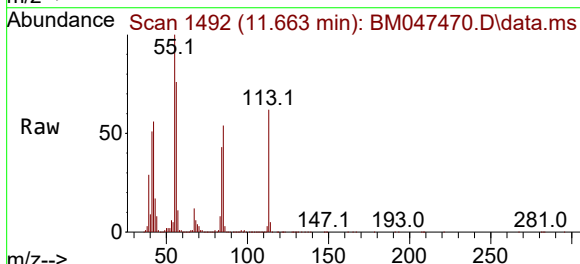
Instrument :
BNA_M
ClientSampleId :
SSTD160018

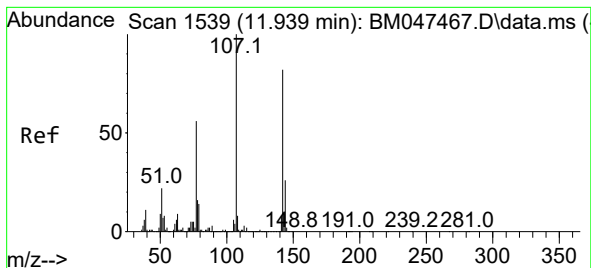
Tgt Ion:225 Resp: 3334810
Ion Ratio Lower Upper
225 100
223 63.3 50.1 75.1
227 64.0 51.8 77.8



#34
Caprolactam
Concen: 97.041 ng/ul
RT: 11.663 min Scan# 1492
Delta R.T. 0.094 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:113 Resp: 1040191
Ion Ratio Lower Upper
113 100
55 162.3 138.0 207.0
56 123.9 103.4 155.0

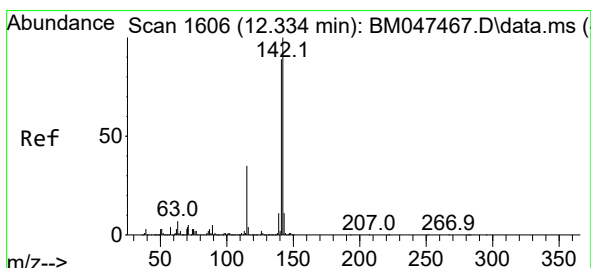
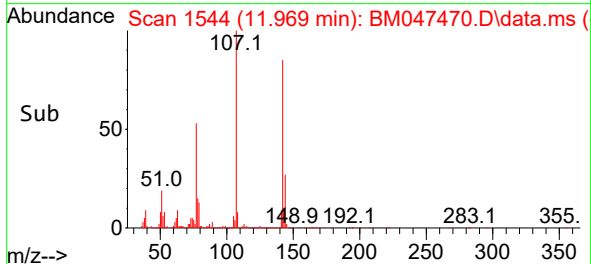
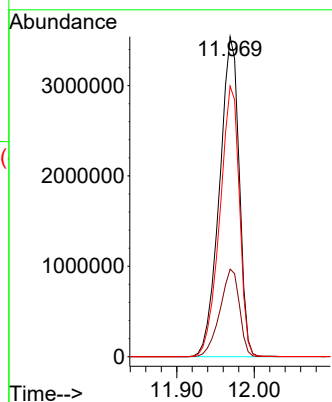
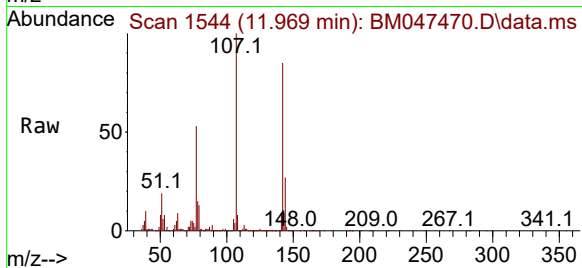




#35
4-Chloro-3-methylphenol
Concen: 171.098 ng/ul
RT: 11.969 min Scan# 11
Delta R.T. 0.029 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

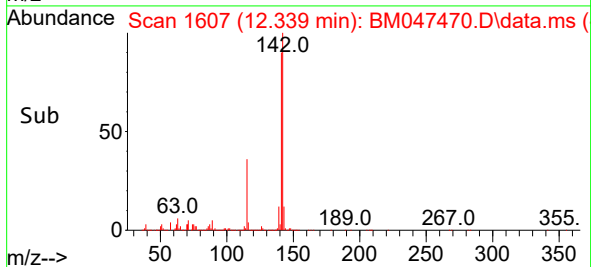
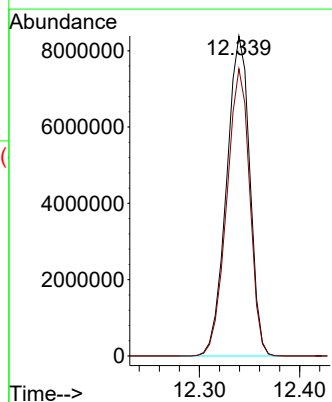
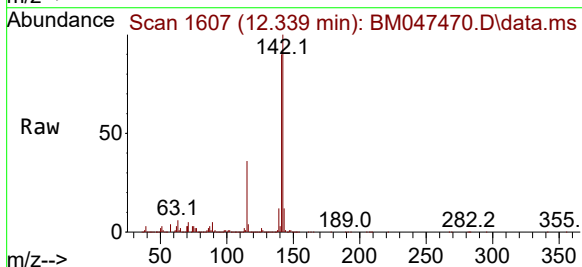
Instrument :
BNA_M
ClientSampleId :
SSTD160018

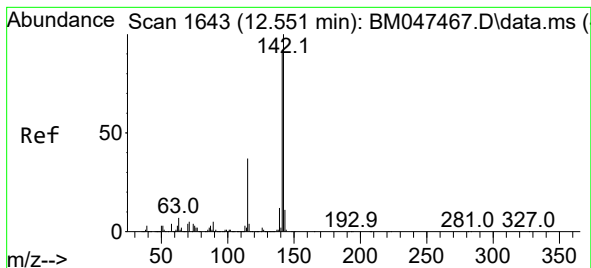
Tgt Ion:107 Resp: 6245004
Ion Ratio Lower Upper
107 100
144 27.4 21.2 31.8
142 84.6 65.5 98.3



#36
2-Methylnaphthalene
Concen: 172.765 ng/ul
RT: 12.339 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:142 Resp:13473126
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9





#37

1-Methylnaphthalene

Concen: 169.442 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

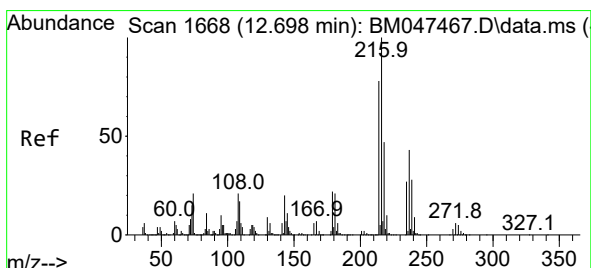
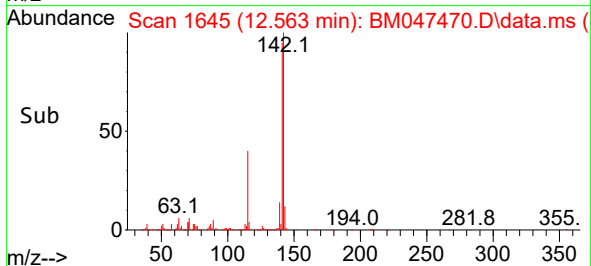
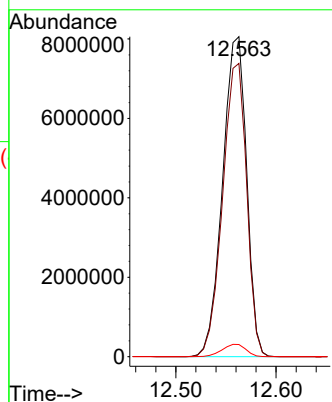
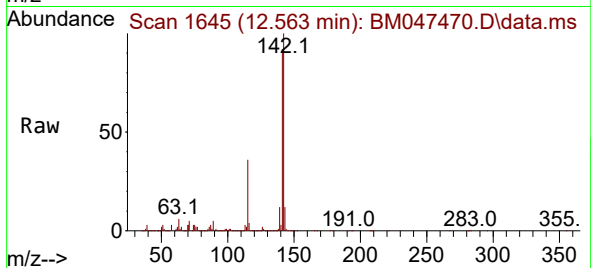
Tgt Ion:142 Resp:13376633

Ion Ratio Lower Upper

142 100

141 91.7 72.9 109.3

116 3.8 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 166.300 ng/ul

RT: 12.710 min Scan# 1670

Delta R.T. 0.012 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Tgt Ion:216 Resp: 6471257

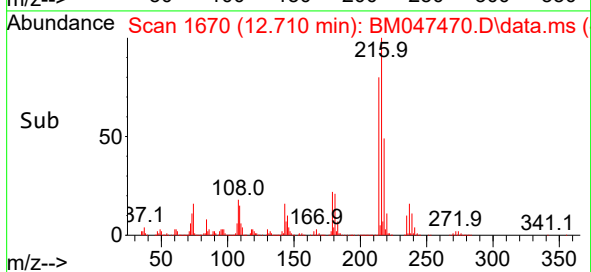
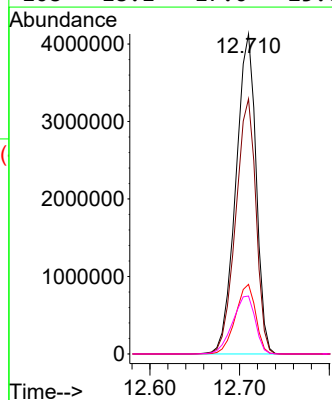
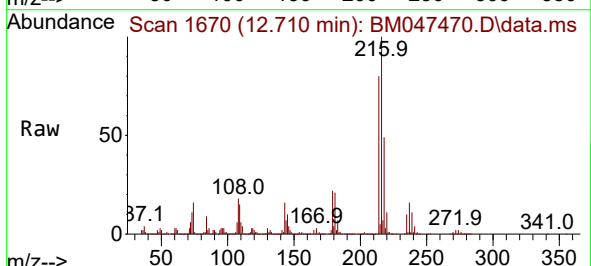
Ion Ratio Lower Upper

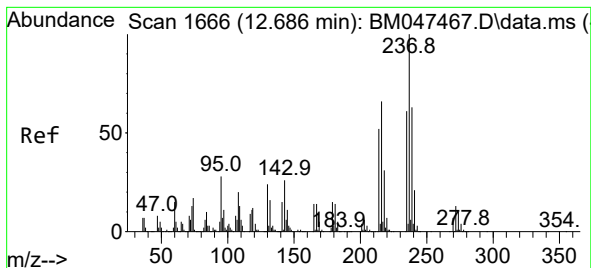
216 100

214 79.7 62.2 93.4

179 21.7 17.2 25.8

108 18.1 17.0 25.6





#40

Hexachlorocyclopentadiene

Concen: 161.018 ng/ul

RT: 12.692 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

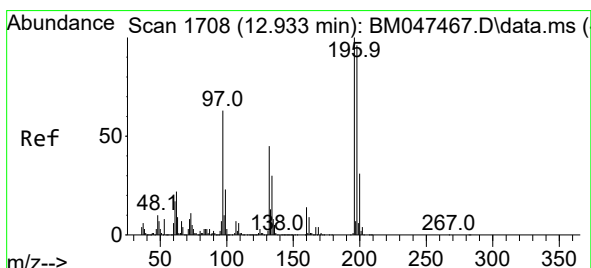
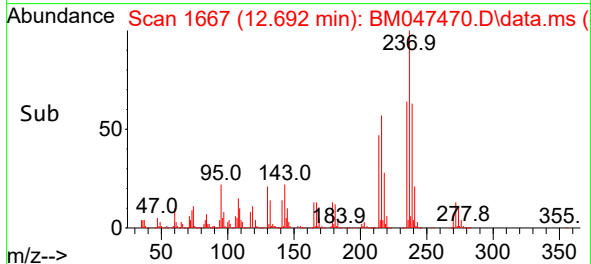
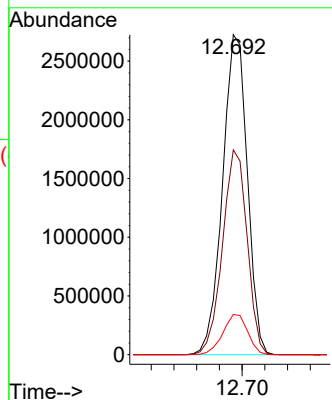
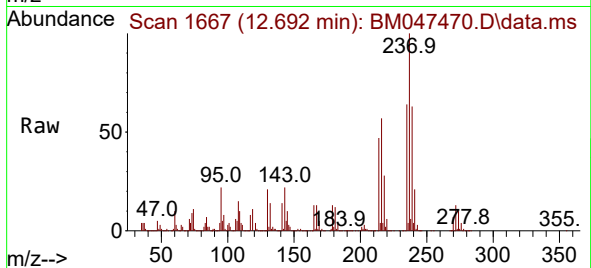
Tgt Ion:237 Resp: 4127449

Ion Ratio Lower Upper

237 100

235 64.0 48.9 73.3

272 12.5 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 174.212 ng/ul

RT: 12.945 min Scan# 1710

Delta R.T. 0.012 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

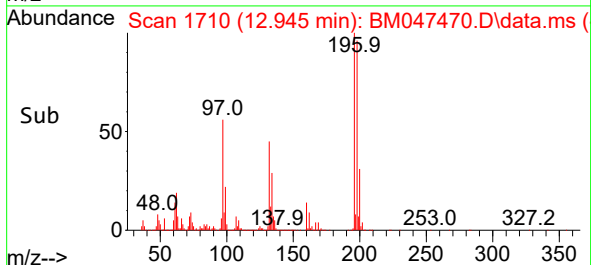
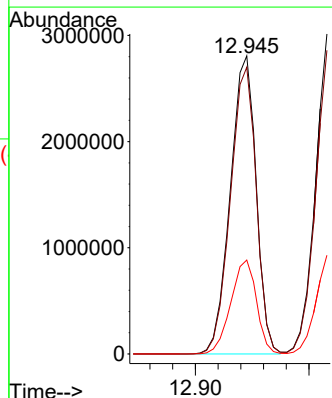
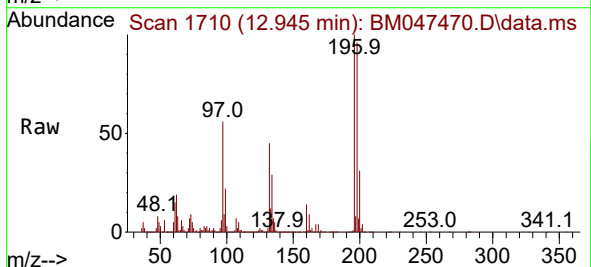
Tgt Ion:196 Resp: 4437211

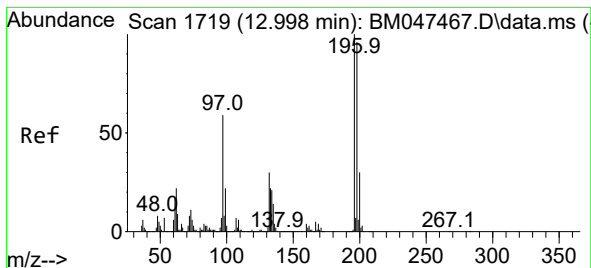
Ion Ratio Lower Upper

196 100

198 96.2 77.0 115.6

200 31.5 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 173.293 ng/ul

RT: 13.016 min Scan# 1

Delta R.T. 0.018 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

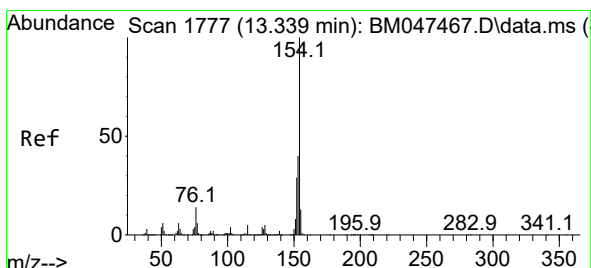
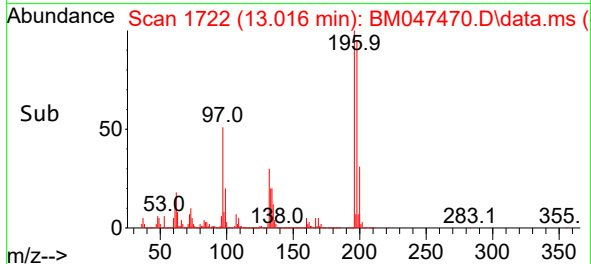
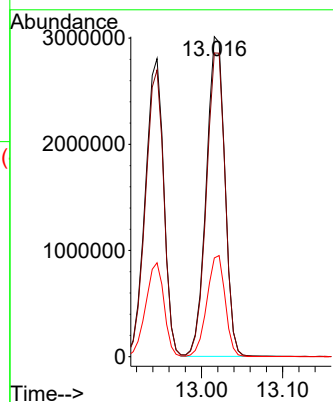
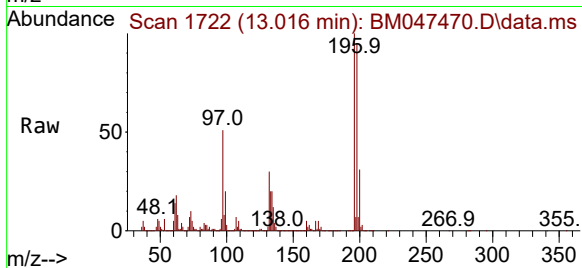
Tgt Ion:196 Resp: 4765564

Ion Ratio Lower Upper

196 100

198 94.9 76.8 115.2

200 30.9 24.2 36.4



#43

1,1'-Biphenyl

Concen: 155.032 ng/ul

RT: 13.345 min Scan# 1778

Delta R.T. 0.006 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

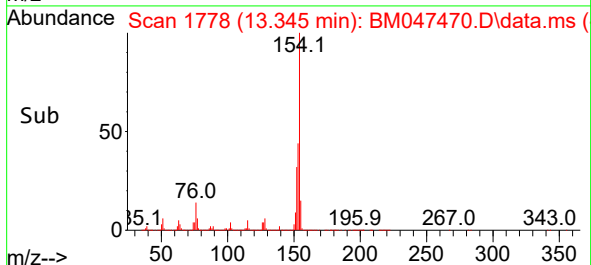
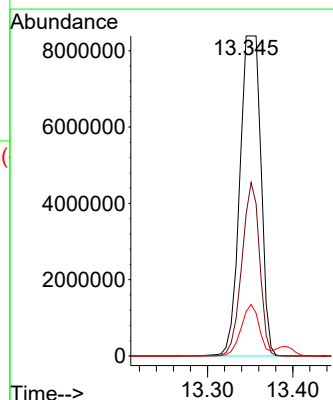
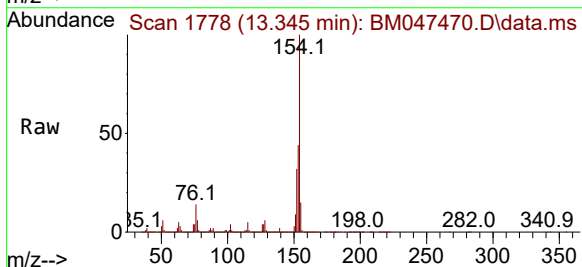
Tgt Ion:154 Resp:14390984

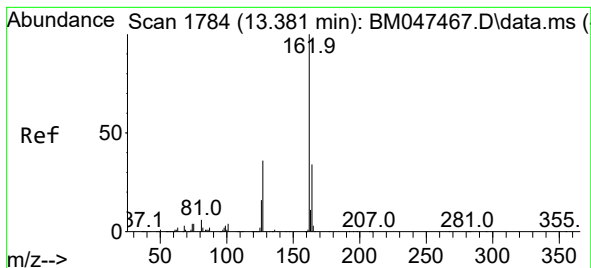
Ion Ratio Lower Upper

154 100

153 44.4 32.3 48.5

76 13.9 11.0 16.4





#44

2-Chloronaphthalene

Concen: 168.923 ng/ul

RT: 13.392 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

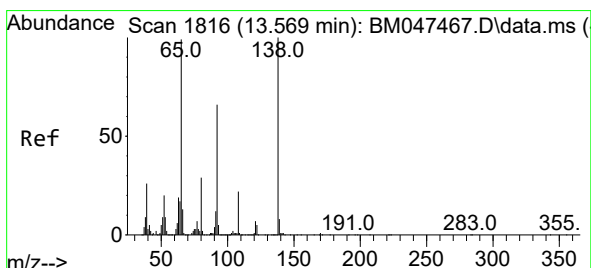
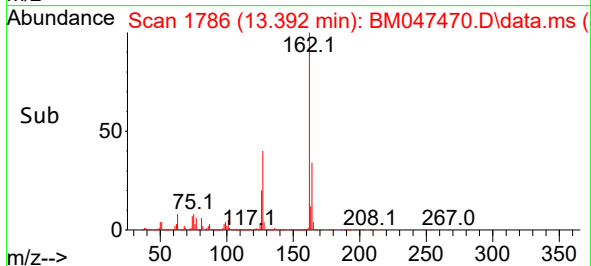
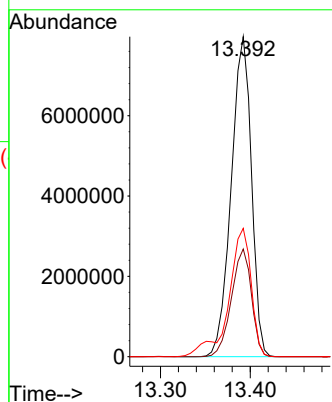
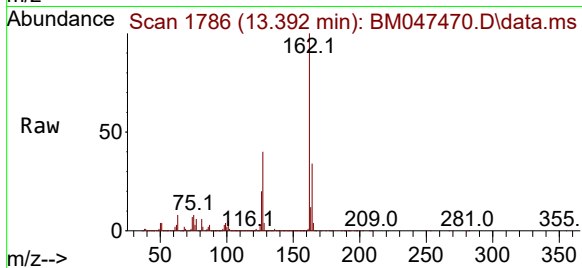
Tgt Ion:162 Resp:12452222

Ion Ratio Lower Upper

162 100

164 33.7 26.9 40.3

127 40.1 32.2 48.2



#45

2-Nitroaniline

Concen: 174.173 ng/ul

RT: 13.592 min Scan# 1820

Delta R.T. 0.023 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

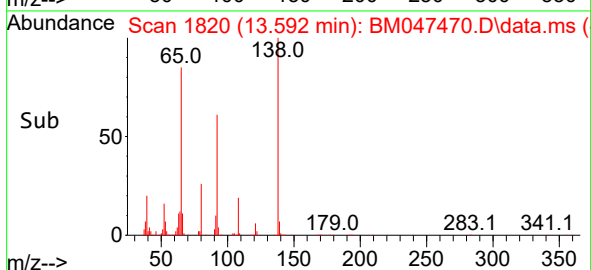
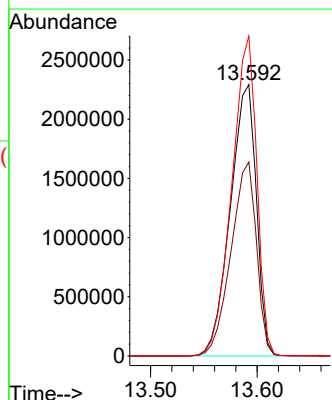
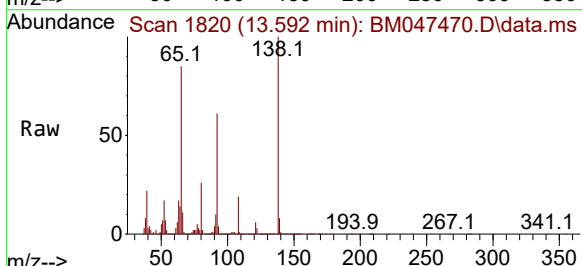
Tgt Ion: 65 Resp: 3901679

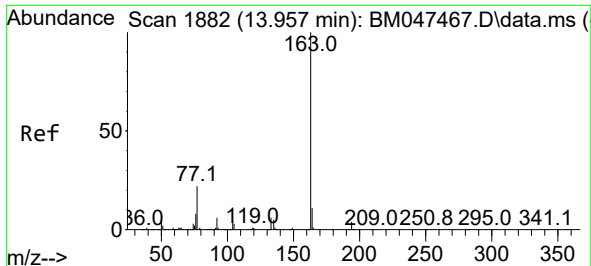
Ion Ratio Lower Upper

65 100

92 71.4 53.4 80.0

138 117.9 81.1 121.7

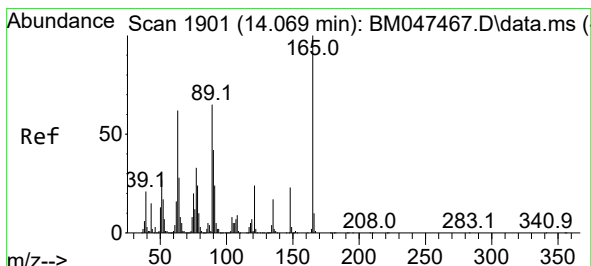
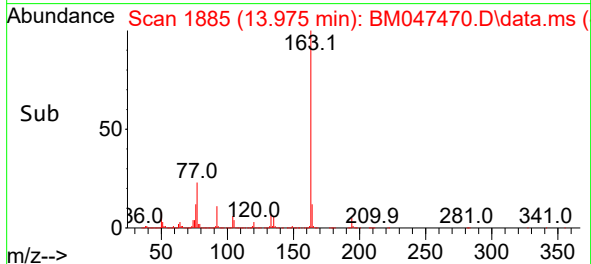
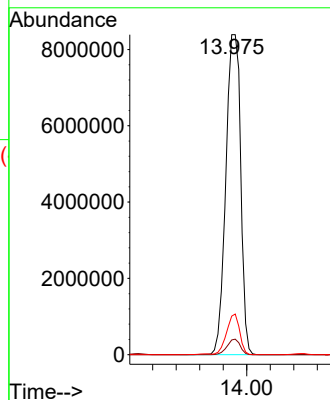
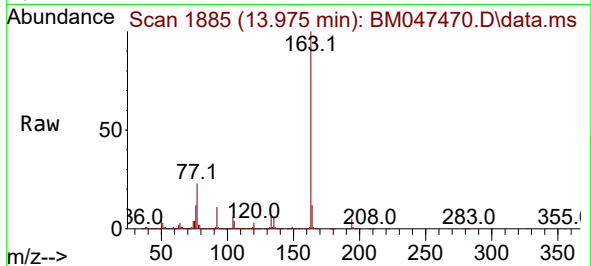




#47
Dimethylphthalate
Concen: 153.623 ng/ul
RT: 13.975 min Scan# 1885
Delta R.T. 0.018 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

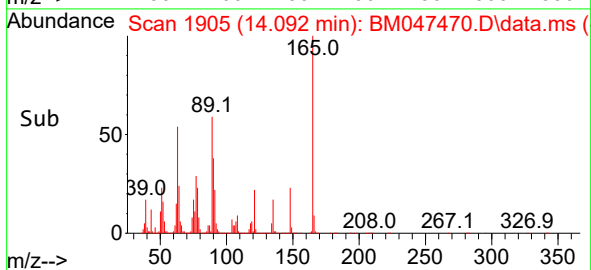
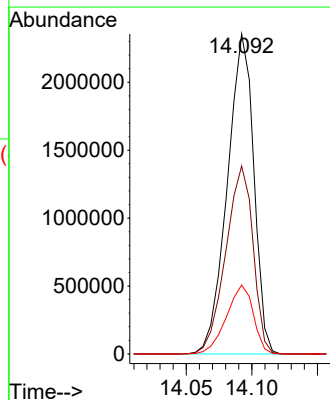
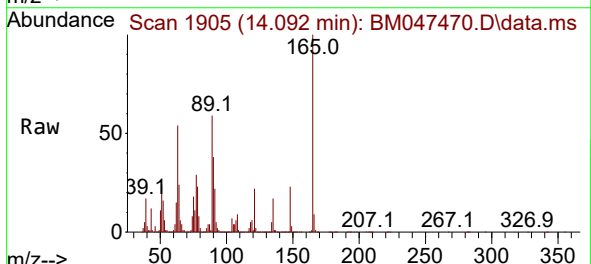
Instrument :
BNA_M
ClientSampleId :
SSTD160018

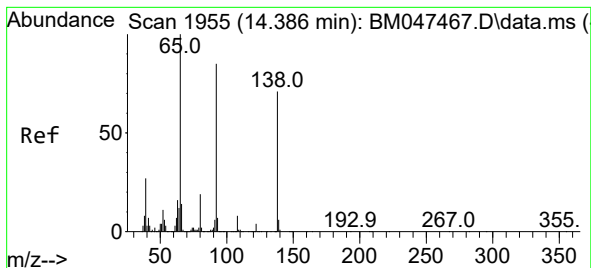
Tgt Ion:163 Resp:14624577
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 12.0 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 178.525 ng/ul
RT: 14.092 min Scan# 1905
Delta R.T. 0.023 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:165 Resp: 3303821
Ion Ratio Lower Upper
165 100
89 58.8 52.2 78.2
121 21.5 19.2 28.8

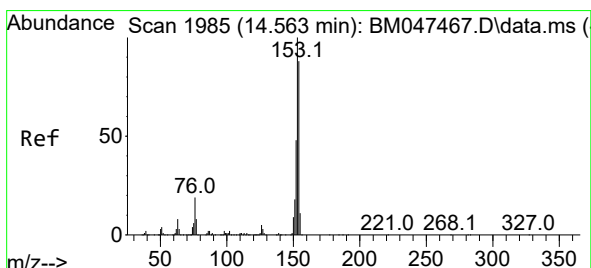
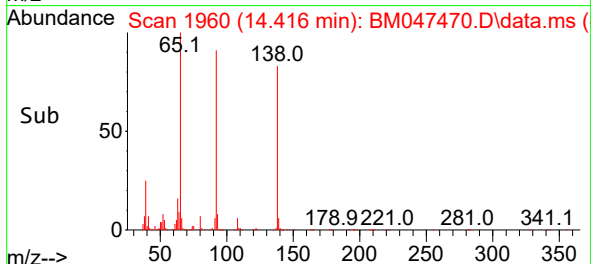
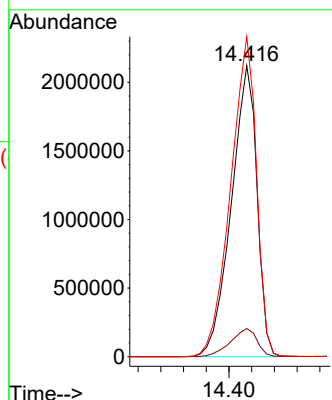
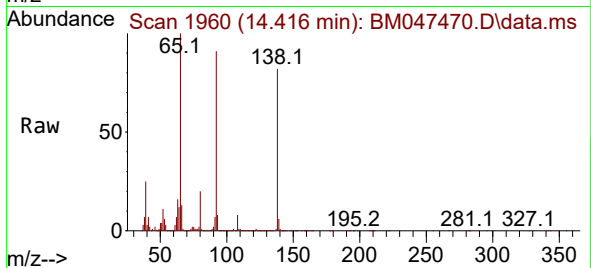




#51
3-Nitroaniline
Concen: 176.220 ng/ul
RT: 14.416 min Scan# 1955
Delta R.T. 0.029 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

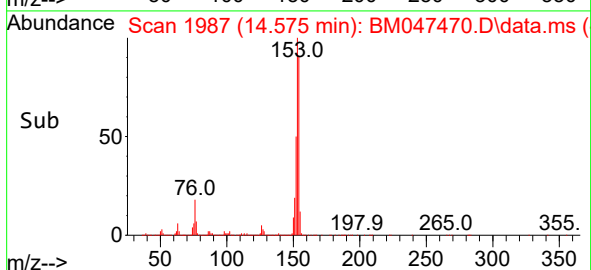
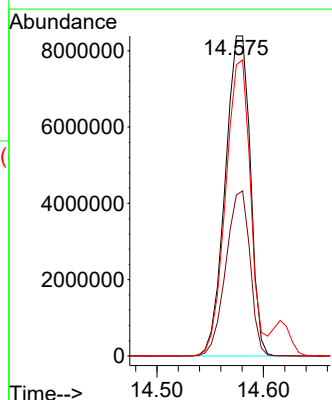
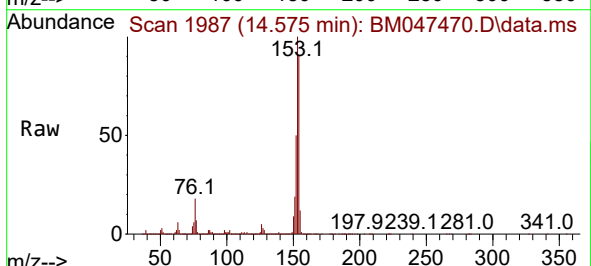
Instrument :
BNA_M
ClientSampleId :
SSTD160018

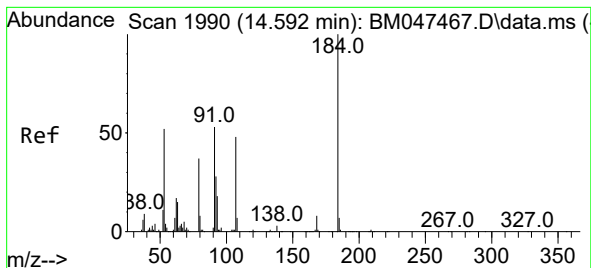
Tgt Ion:138 Resp: 3321211
Ion Ratio Lower Upper
138 100
108 9.7 9.7 14.5#
92 110.0 96.9 145.3



#52
Acenaphthene
Concen: 169.593 ng/ul
RT: 14.575 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:153 Resp:13674188
Ion Ratio Lower Upper
153 100
152 50.3 38.3 57.5
154 91.0 70.2 105.2

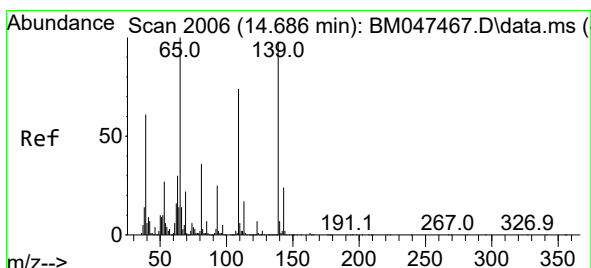
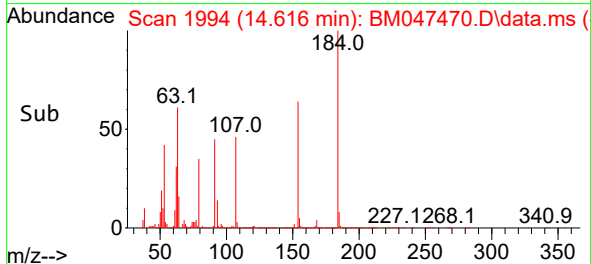
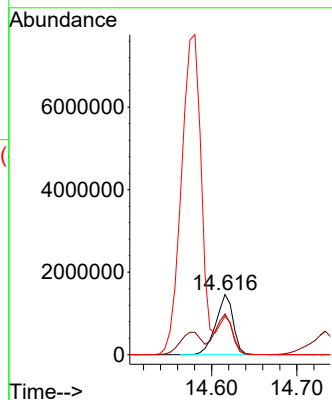
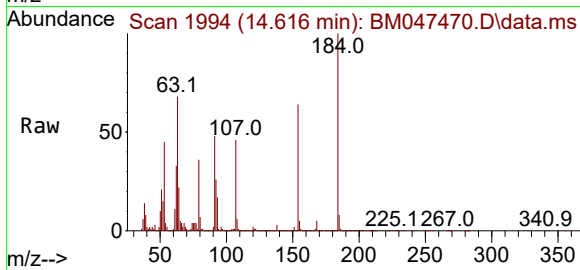




#53
2,4-Dinitrophenol
Concen: 157.841 ng/ul
RT: 14.616 min Scan# 1994
Delta R.T. 0.023 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

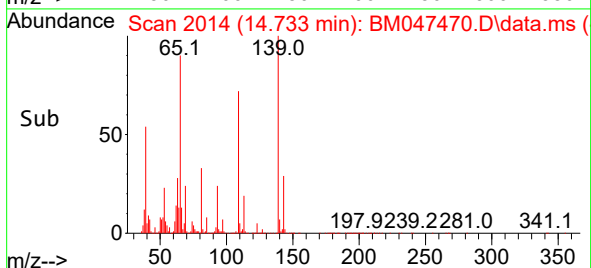
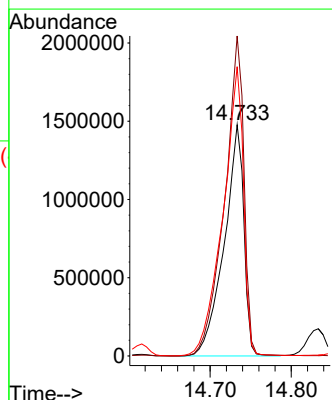
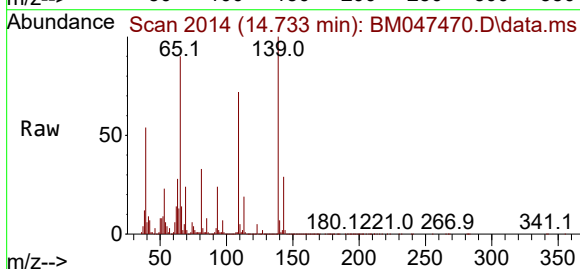
Instrument :
BNA_M
ClientSampleId :
SSTD160018

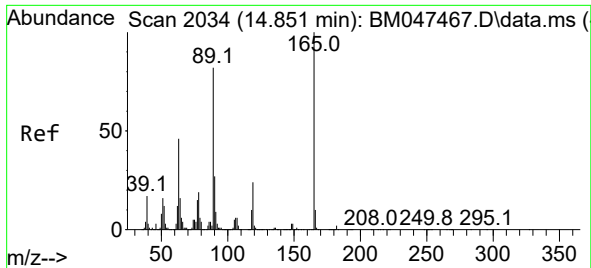
Tgt Ion:184 Resp: 2061042
Ion Ratio Lower Upper
184 100
63 67.6 62.1 93.1
154 64.0 67.0 100.6#



#55
4-Nitrophenol
Concen: 133.129 ng/ul
RT: 14.733 min Scan# 2014
Delta R.T. 0.047 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:109 Resp: 2471577
Ion Ratio Lower Upper
109 100
139 138.4 105.7 158.5
65 125.1 108.5 162.7

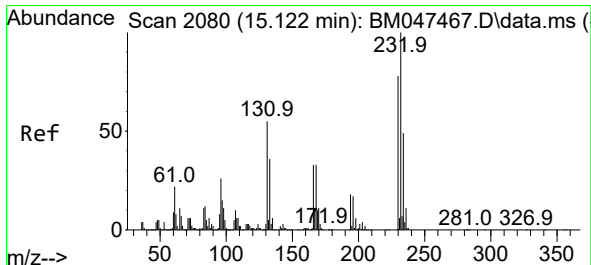
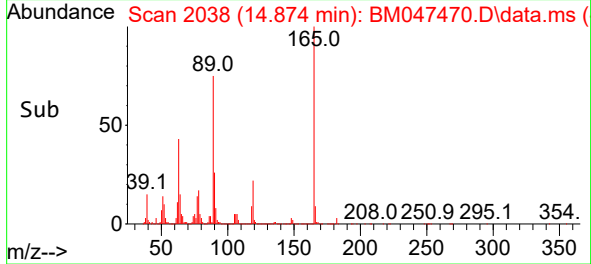
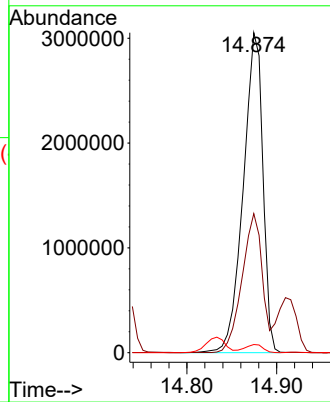
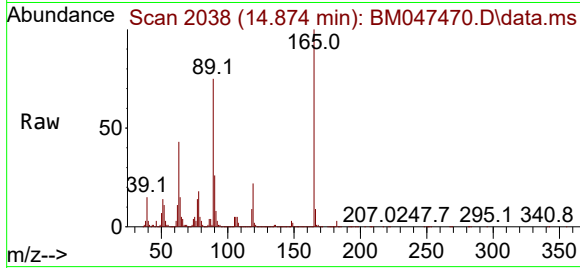




#57
2,4-Dinitrotoluene
Concen: 163.875 ng/ul
RT: 14.874 min Scan# 2038
Delta R.T. 0.023 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

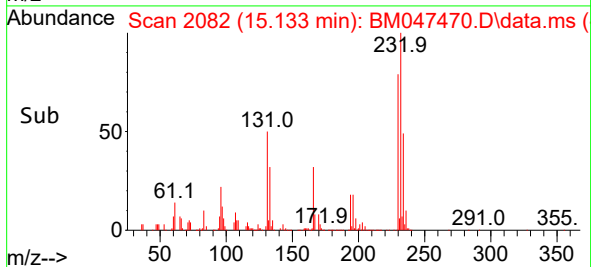
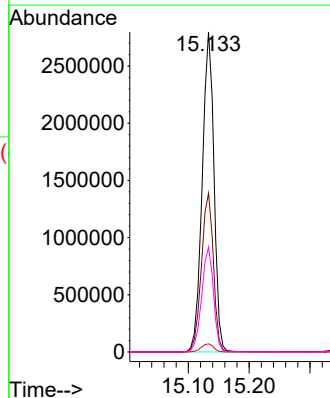
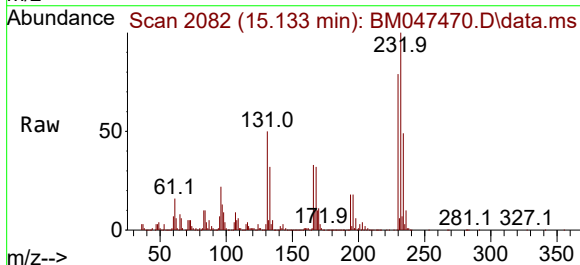
Instrument :
BNA_M
ClientSampleId :
SSTD160018

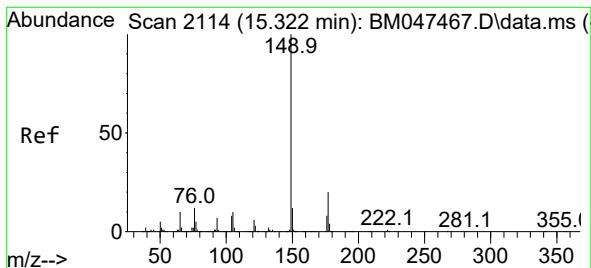
Tgt Ion:165 Resp: 4634489
Ion Ratio Lower Upper
165 100
63 43.4 37.3 55.9
182 2.6 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 153.640 ng/ul
RT: 15.133 min Scan# 2082
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:232 Resp: 3756054
Ion Ratio Lower Upper
232 100
131 49.6 44.3 66.5
130 2.6 2.5 3.7
166 32.8 26.5 39.7





#59

Diethylphthalate

Concen: 151.610 ng/ul

RT: 15.339 min Scan# 2117

Delta R.T. 0.018 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

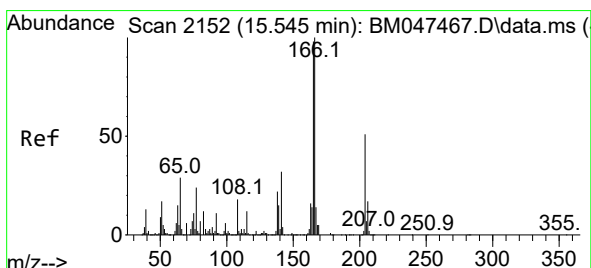
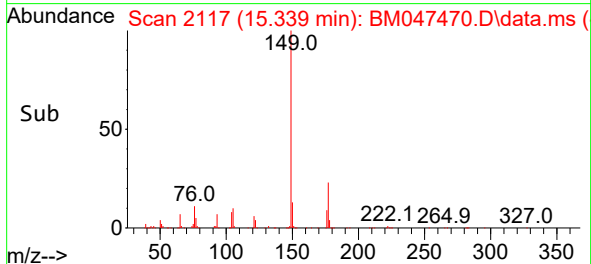
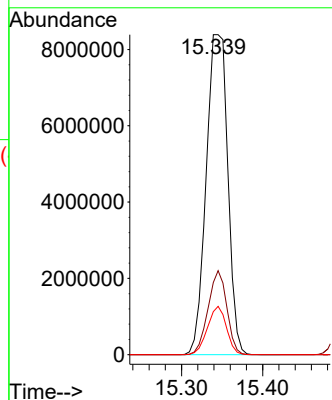
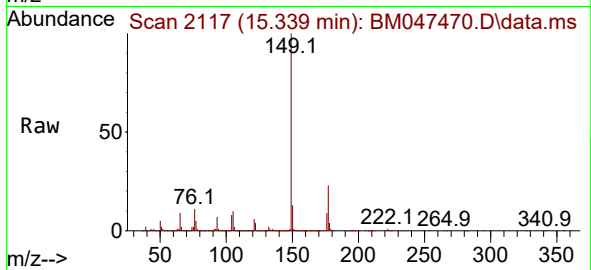
Tgt Ion:149 Resp:15526224

Ion Ratio Lower Upper

149 100

177 22.6 15.8 23.6

150 13.5 9.8 14.6



#61

Fluorene

Concen: 143.768 ng/ul

RT: 15.563 min Scan# 2155

Delta R.T. 0.018 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

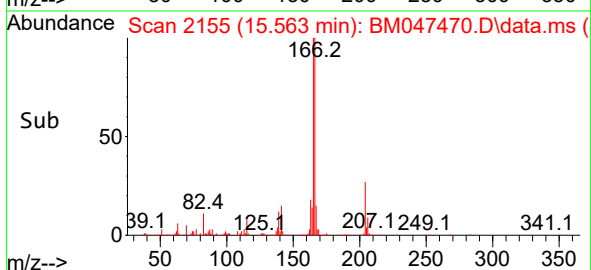
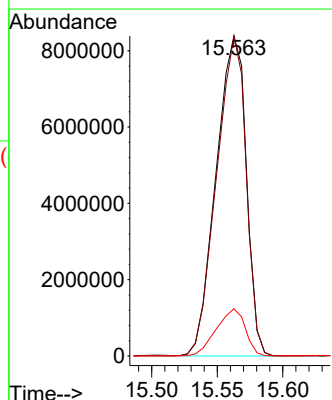
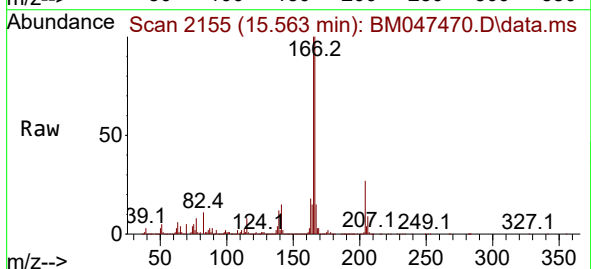
Tgt Ion:166 Resp:13418645

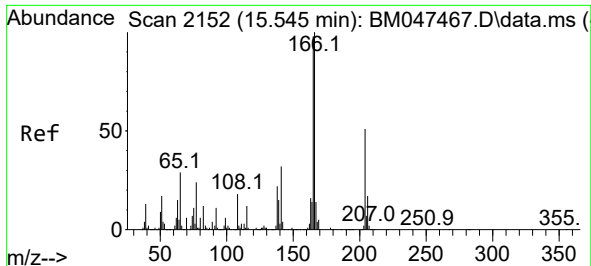
Ion Ratio Lower Upper

166 100

165 100.0 78.5 117.7

167 14.8 11.0 16.6

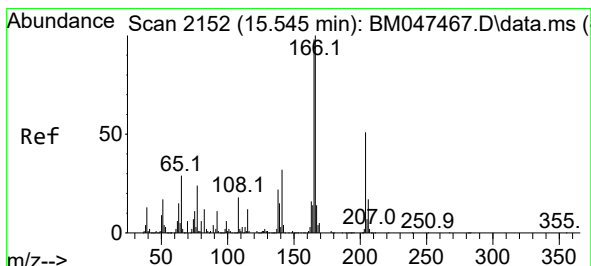
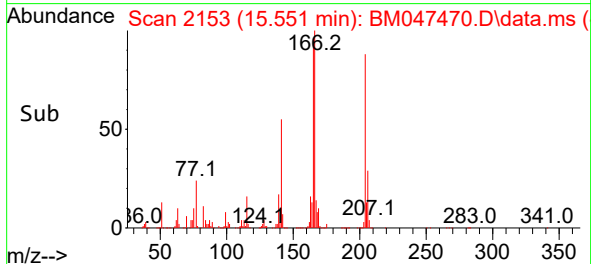
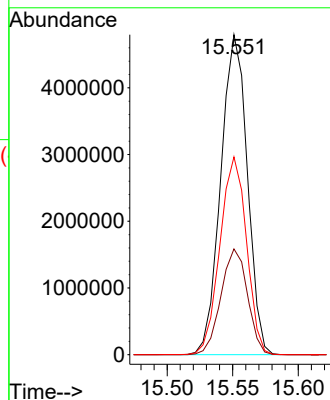
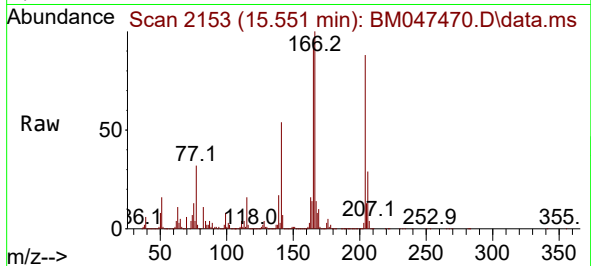




#62
4-Chlorophenyl-phenylether
Concen: 147.015 ng/ul
RT: 15.551 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

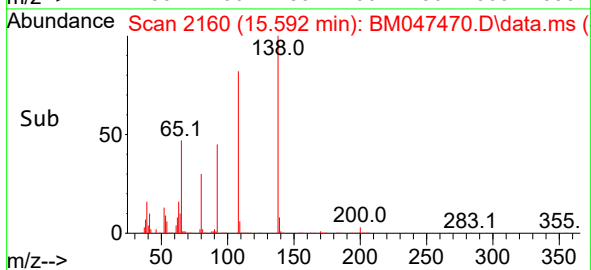
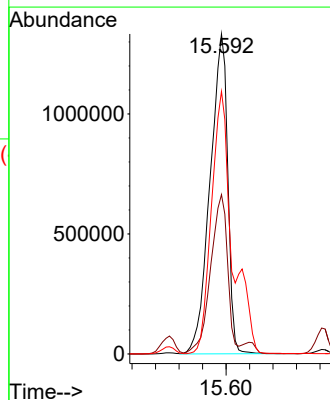
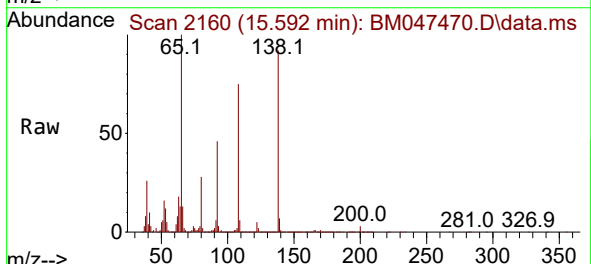
Instrument :
BNA_M
ClientSampleId :
SSTD160018

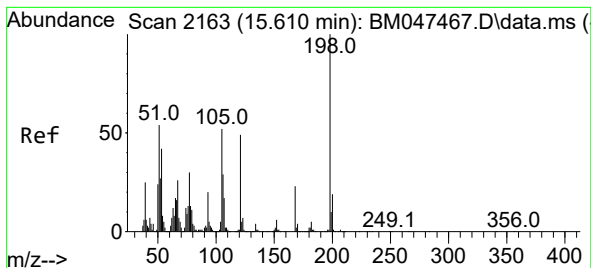
Tgt Ion:204 Resp: 6755061
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 61.8 50.0 75.0



#63
4-Nitroaniline
Concen: 148.911 ng/ul
RT: 15.592 min Scan# 2160
Delta R.T. 0.047 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:138 Resp: 2773499
Ion Ratio Lower Upper
138 100
92 49.8 40.5 60.7
108 82.0 64.5 96.7

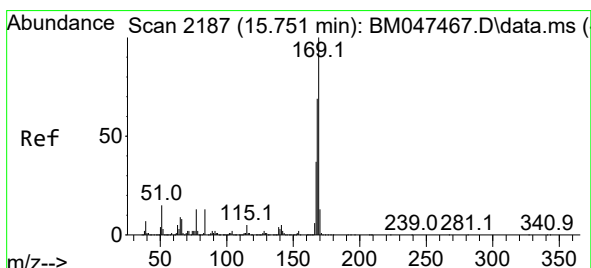
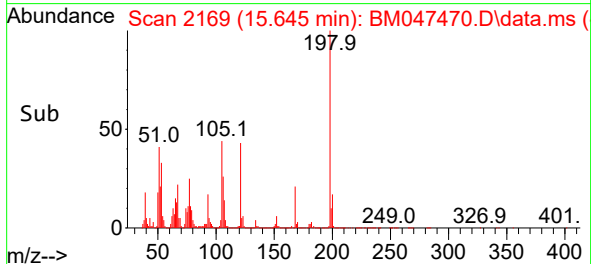
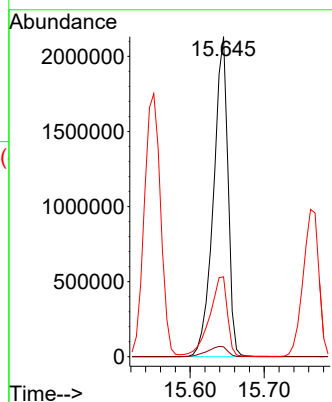
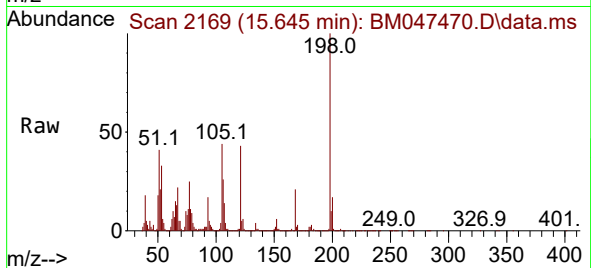




#66
4,6-Dinitro-2-methylphenol
Concen: 171.570 ng/ul
RT: 15.645 min Scan# 2163
Delta R.T. 0.035 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

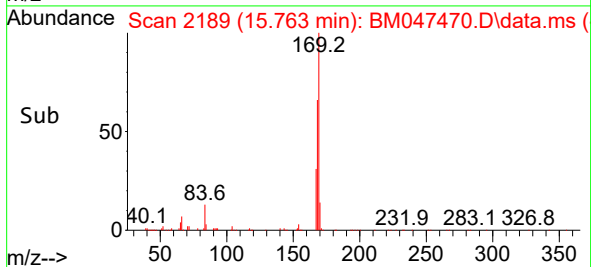
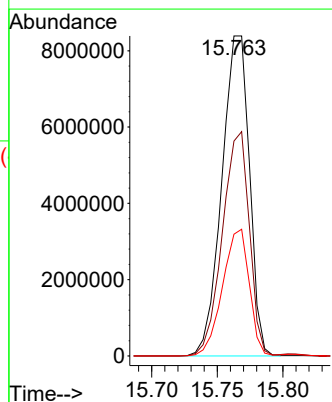
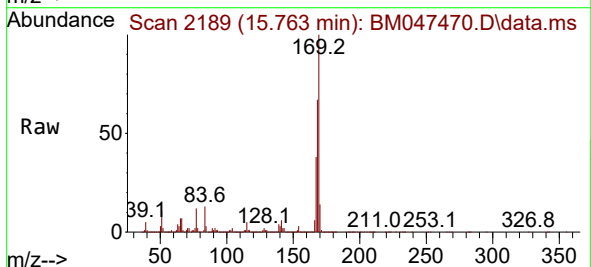
Instrument :
BNA_M
ClientSampleId :
SSTD160018

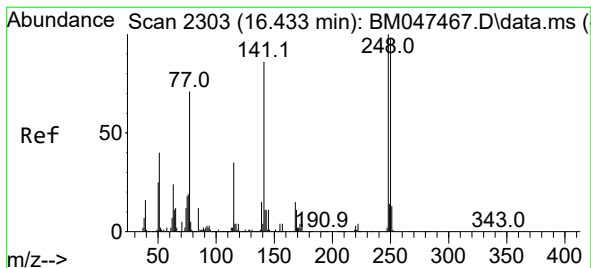
Tgt Ion:198 Resp: 2891489
Ion Ratio Lower Upper
198 100
182 3.1 4.2 6.2#
77 24.9 25.1 37.7#



#67
N-Nitrosodiphenylamine
Concen: 170.304 ng/ul
RT: 15.763 min Scan# 2189
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:169 Resp:12305925
Ion Ratio Lower Upper
169 100
168 67.1 55.3 82.9
167 38.0 29.5 44.3

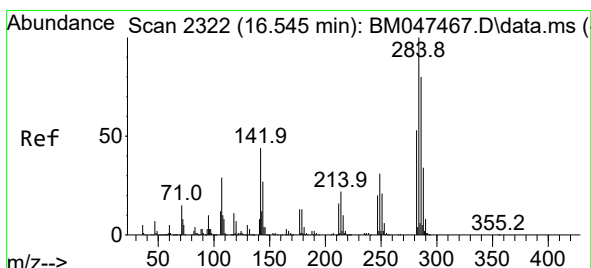
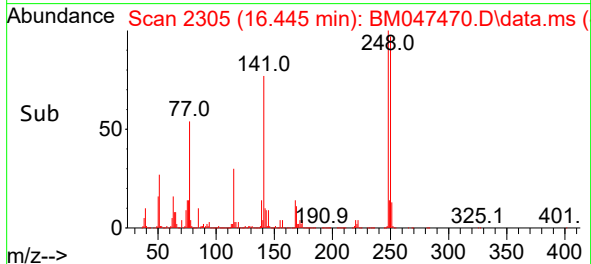
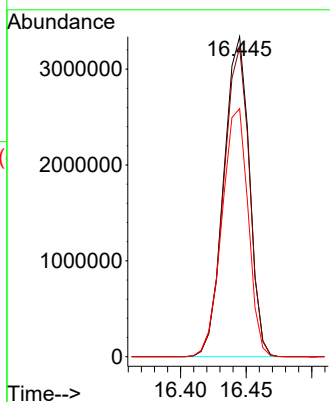
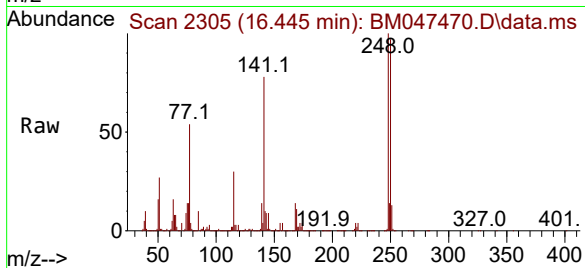




#68
4-Bromophenyl-phenylether
Concen: 172.035 ng/ul
RT: 16.445 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

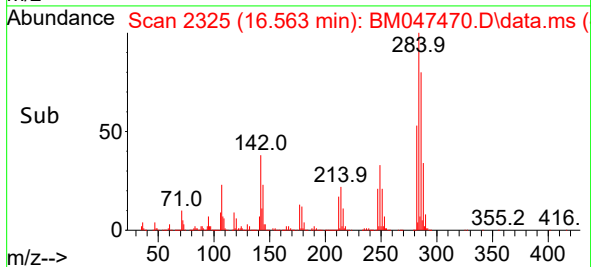
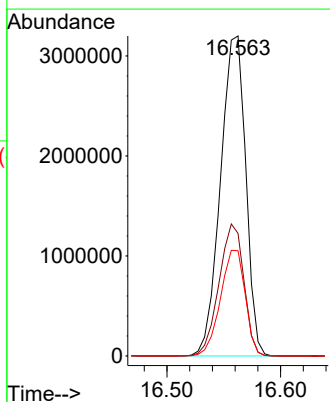
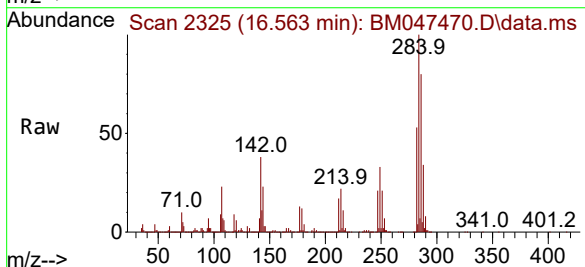
Instrument :
BNA_M
ClientSampleId :
SSTD160018

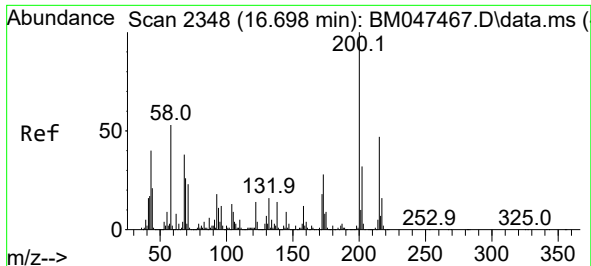
Tgt Ion:248 Resp: 4539398
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 77.5 69.1 103.7



#69
Hexachlorobenzene
Concen: 159.285 ng/ul
RT: 16.563 min Scan# 2325
Delta R.T. 0.018 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:284 Resp: 4949065
Ion Ratio Lower Upper
284 100
142 38.3 35.4 53.2
249 32.9 25.1 37.7

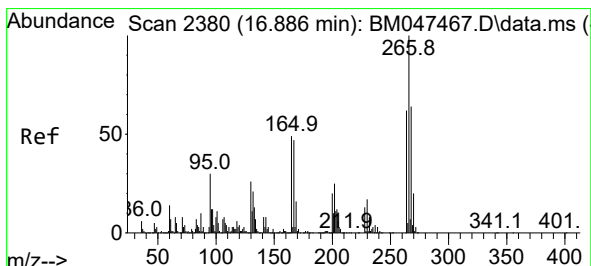
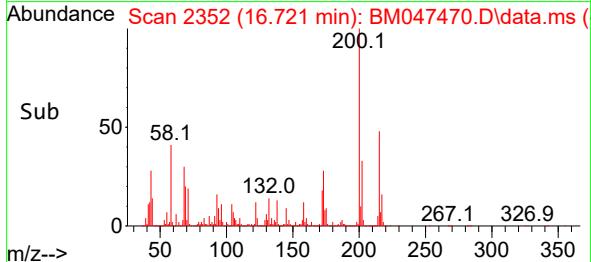
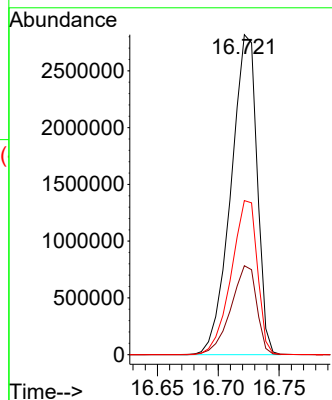
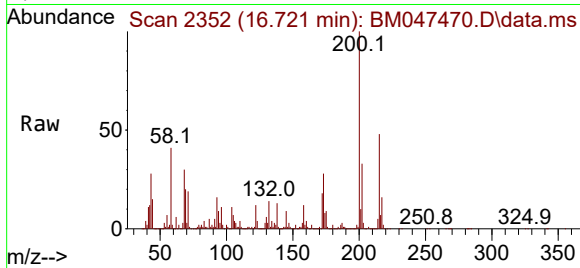




#70
Atrazine
Concen: 148.034 ng/ul
RT: 16.721 min Scan# 21
Delta R.T. 0.023 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

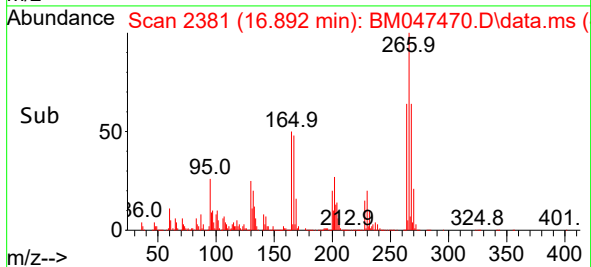
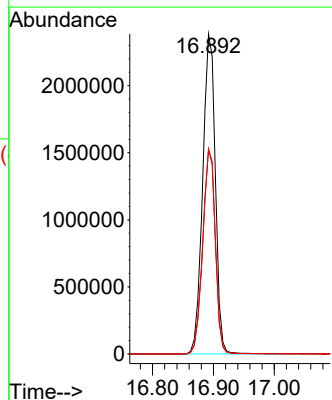
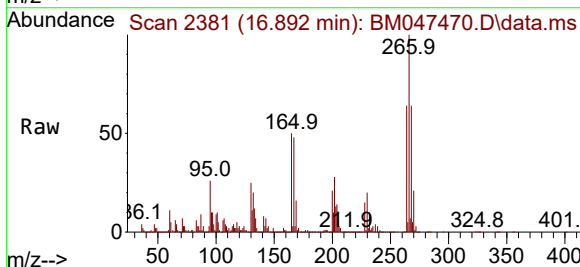
Instrument :
BNA_M
ClientSampleId :
SSTD160018

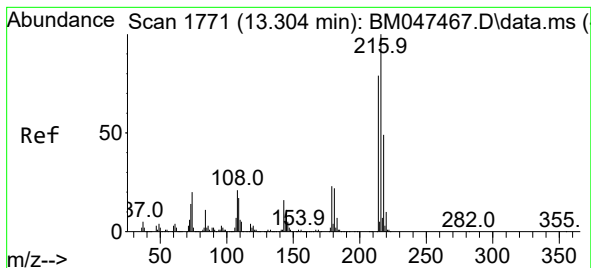
Tgt Ion:200 Resp: 4196838
Ion Ratio Lower Upper
200 100
173 27.8 22.3 33.5
215 48.1 37.9 56.9



#71
Pentachlorophenol
Concen: 163.662 ng/ul
RT: 16.892 min Scan# 2381
Delta R.T. 0.006 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:266 Resp: 3442772
Ion Ratio Lower Upper
266 100
264 64.0 49.5 74.3
268 64.0 51.0 76.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 186.286 ng/uL

RT: 13.310 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

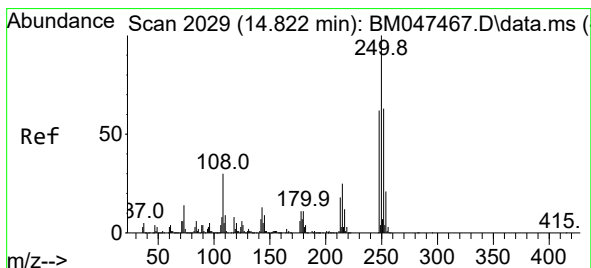
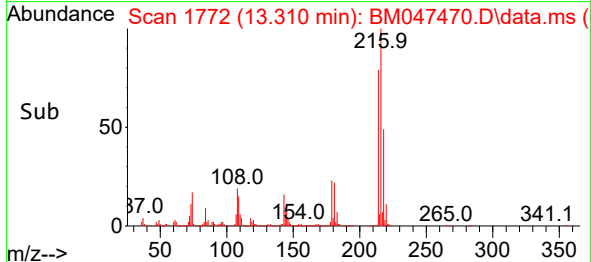
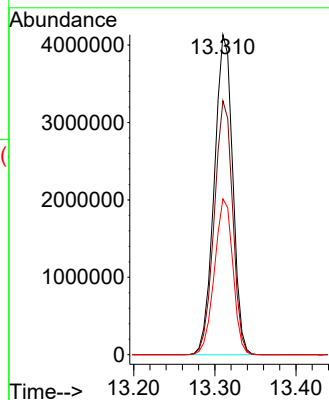
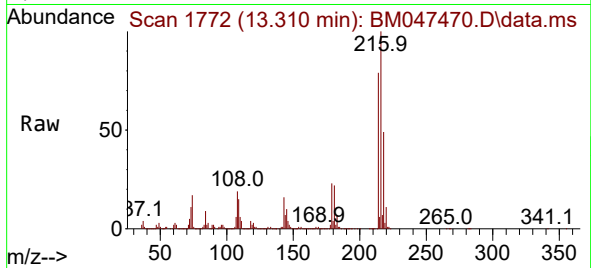
Tgt Ion:216 Resp: 6534039

Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

218 48.7 39.0 58.4



#76

Pentachlorobenzene

Concen: 167.903 ng/uL

RT: 14.833 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

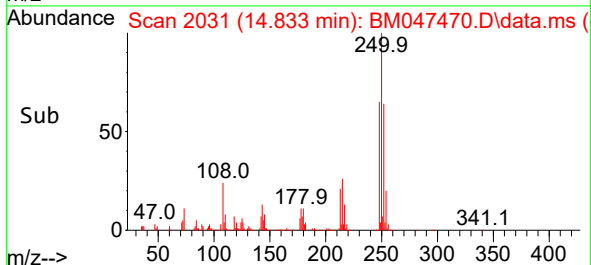
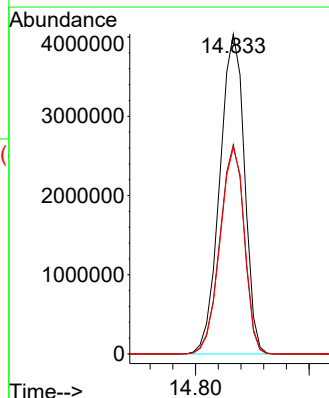
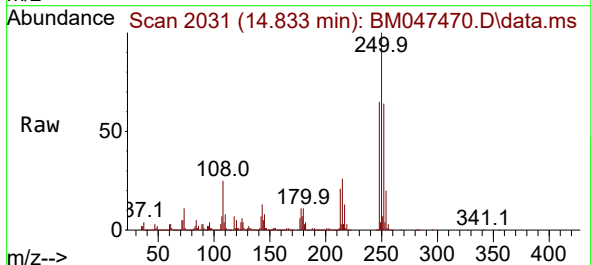
Tgt Ion:250 Resp: 6095975

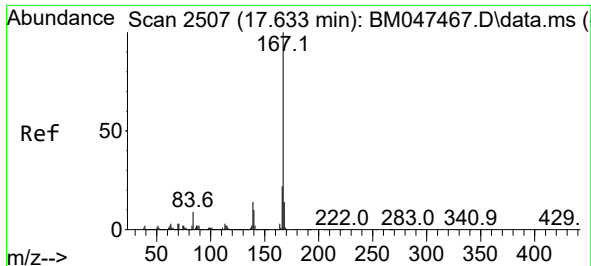
Ion Ratio Lower Upper

250 100

248 65.4 49.5 74.3

252 64.4 50.6 75.8

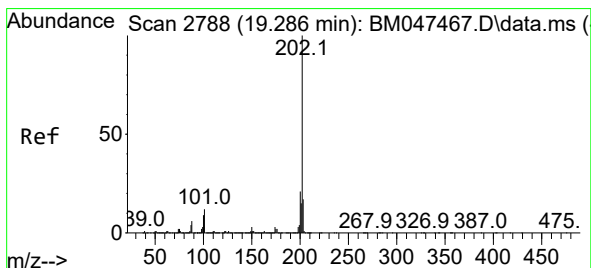
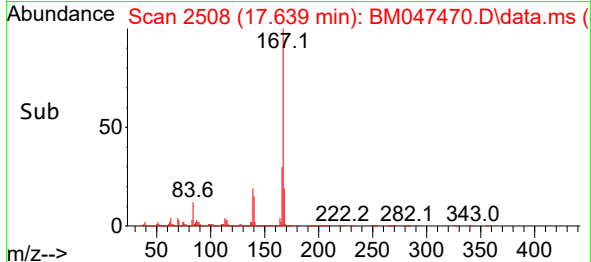
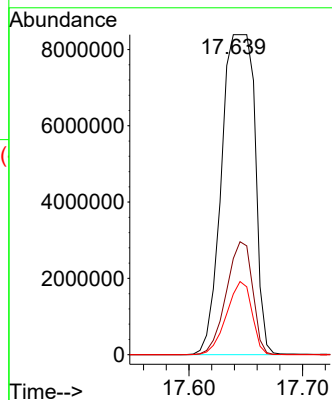
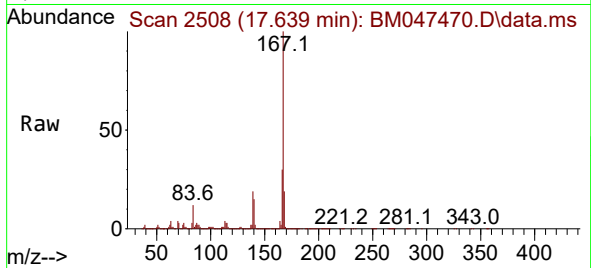




#77
Carbazole
Concen: 133.710 ng/ul
RT: 17.639 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

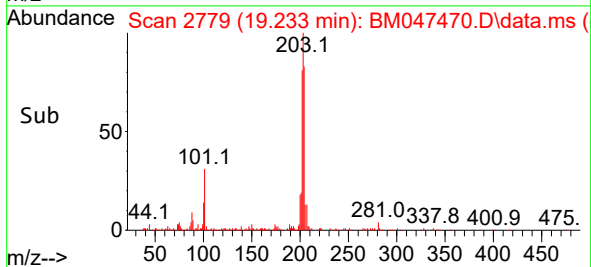
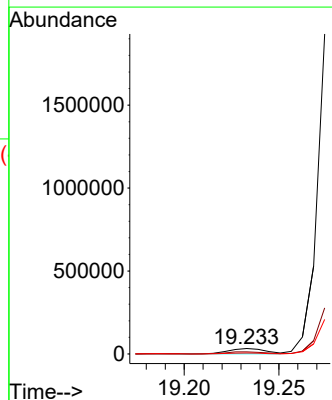
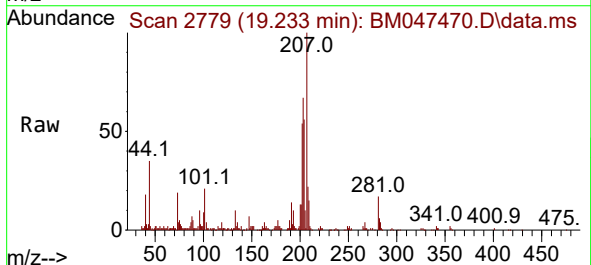
Instrument :
BNA_M
ClientSampleId :
SSTD160018

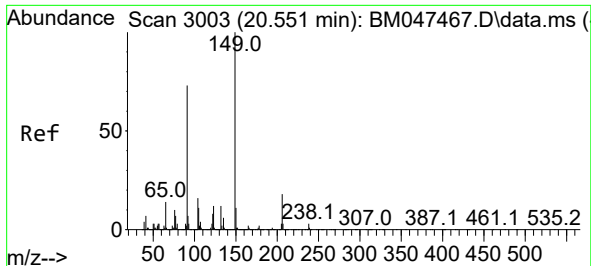
Tgt Ion:167 Resp:17083020
Ion Ratio Lower Upper
167 100
166 30.1 17.6 26.4#
139 18.9 11.0 16.6#



#80
Fluoranthene
Concen: 0.313 ng/ul
RT: 19.233 min Scan# 2779
Delta R.T. -0.053 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:202 Resp: 43849
Ion Ratio Lower Upper
202 100
101 39.4 9.6 14.4#
100 17.0 7.3 10.9#

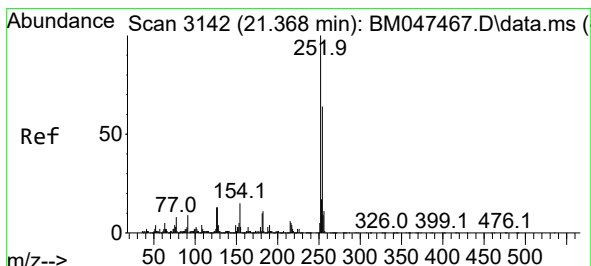
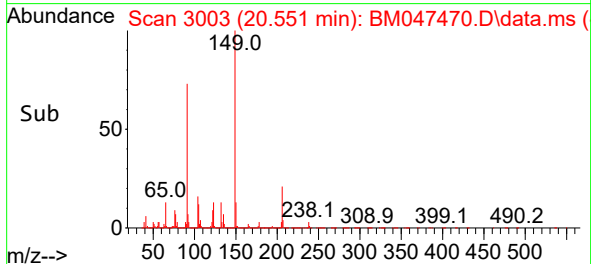
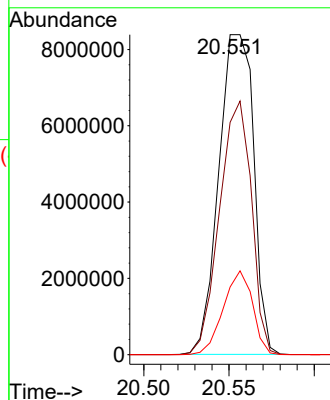
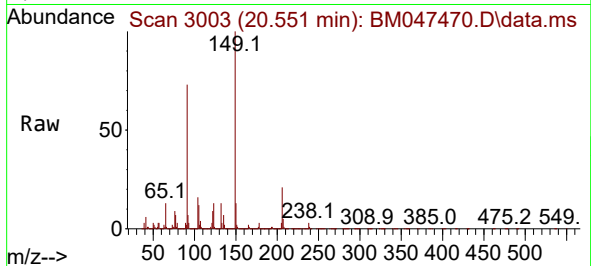




#83
Butylbenzylphthalate
Concen: 183.222 ng/ul
RT: 20.551 min Scan# 3003
Delta R.T. -0.000 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

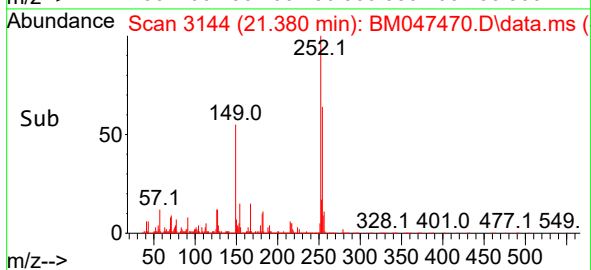
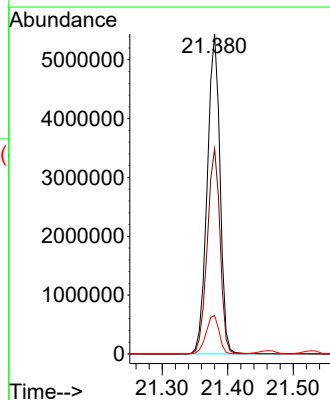
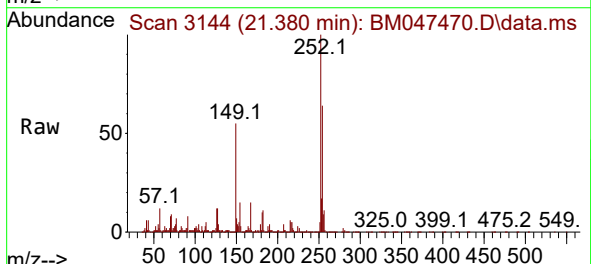
Instrument :
BNA_M
ClientSampleId :
SSTD160018

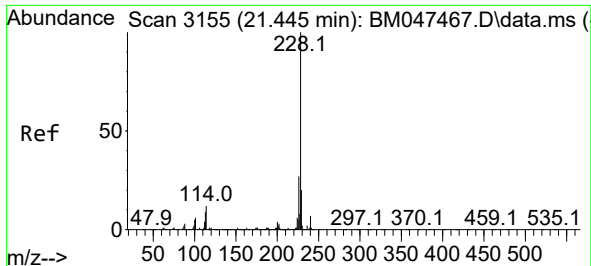
Tgt Ion:149 Resp:11960509
Ion Ratio Lower Upper
149 100
91 72.6 58.2 87.2
206 21.2 14.7 22.1



#84
3,3'-Dichlorobenzidine
Concen: 146.869 ng/ul
RT: 21.380 min Scan# 3144
Delta R.T. 0.012 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:252 Resp: 7376785
Ion Ratio Lower Upper
252 100
254 64.1 50.9 76.3
126 12.0 10.2 15.4

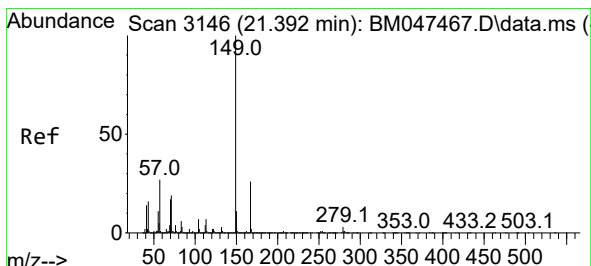
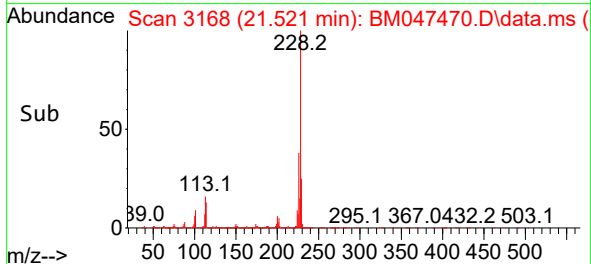
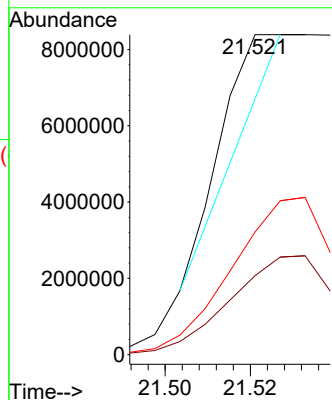
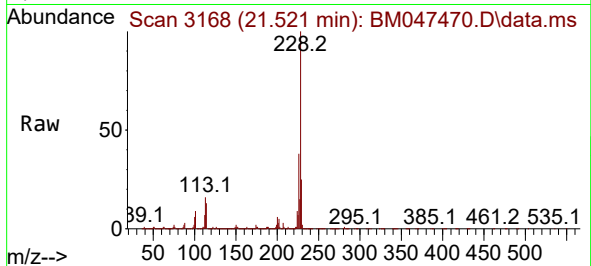




#85
Benzo(a)anthracene
Concen: 20.679 ng/ul
RT: 21.521 min Scan# 3155
Delta R.T. 0.076 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

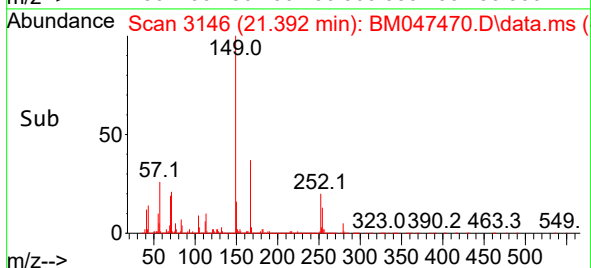
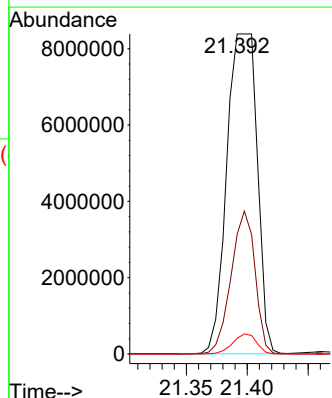
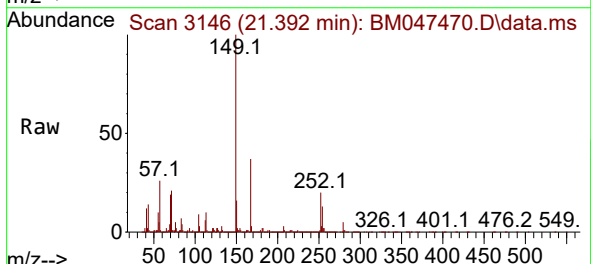
Instrument :
BNA_M
ClientSampleId :
SSTD160018

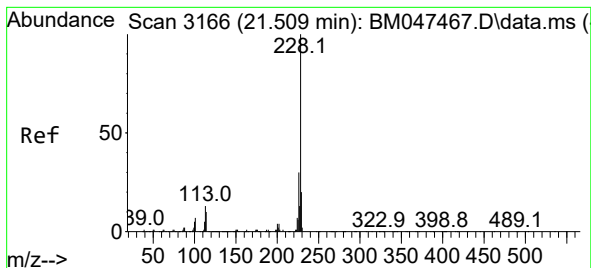
Tgt Ion:228 Resp: 3094291
Ion Ratio Lower Upper
228 100
229 24.7 15.8 23.6#
226 38.4 21.9 32.9#



#86
Bis(2-ethylhexyl)phthalate
Concen: 152.700 ng/ul
RT: 21.392 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BM047470.D
Acq: 10 Sep 2024 20:42

Tgt Ion:149 Resp:14552111
Ion Ratio Lower Upper
149 100
167 37.4 20.9 31.3#
279 4.9 2.6 4.0#





#87

Chrysene

Concen: 21.682 ng/ul

RT: 21.521 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

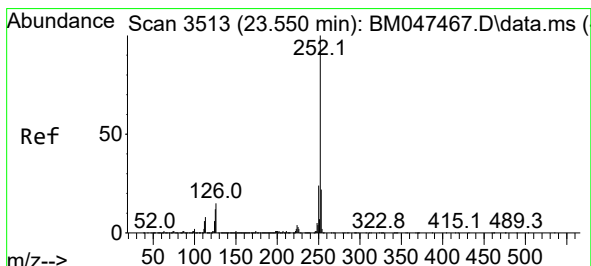
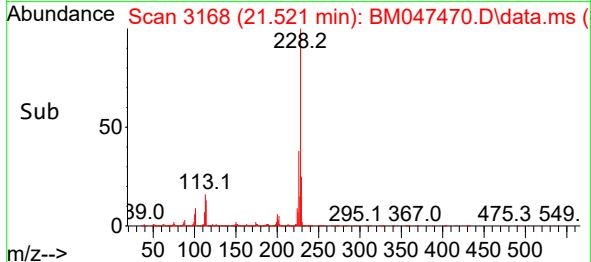
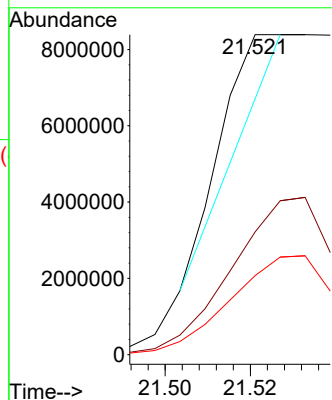
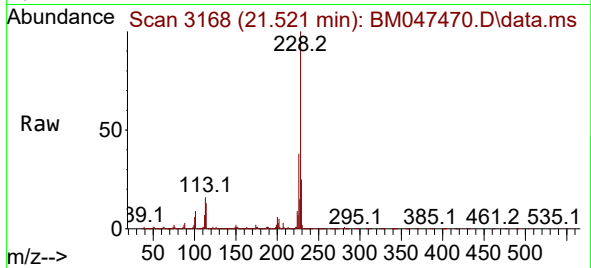
Tgt Ion:228 Resp: 3094291

Ion Ratio Lower Upper

228 100

226 38.4 24.2 36.4#

229 24.7 15.8 23.8#



#90

Benzo(b)fluoranthene

Concen: 190.728 ng/ul

RT: 23.580 min Scan# 3518

Delta R.T. 0.029 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

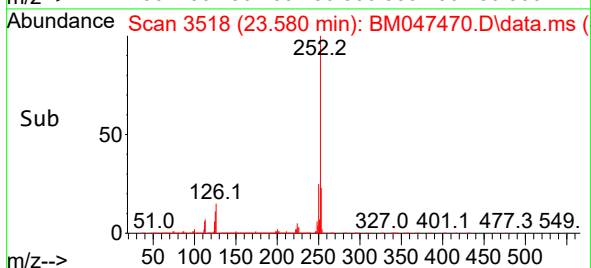
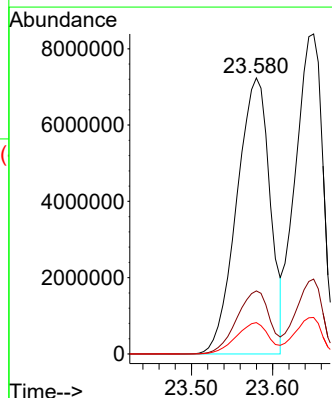
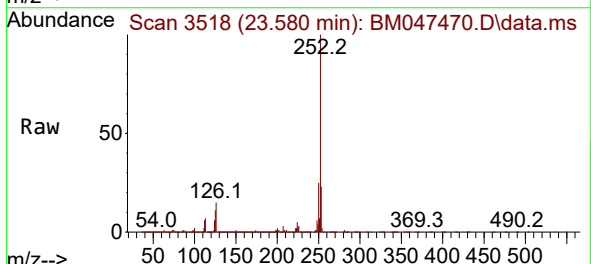
Tgt Ion:252 Resp:20655146

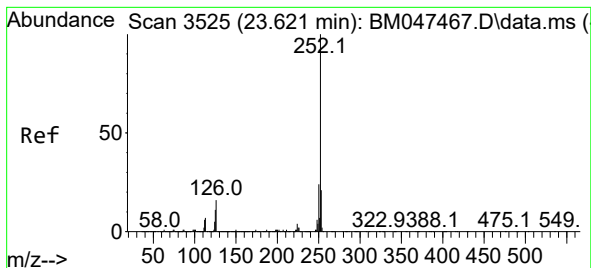
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 11.4 9.4 14.2





#91

Benzo(k)fluoranthene

Concen: 183.827 ng/ul

RT: 23.650 min Scan# 3

Delta R.T. 0.029 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

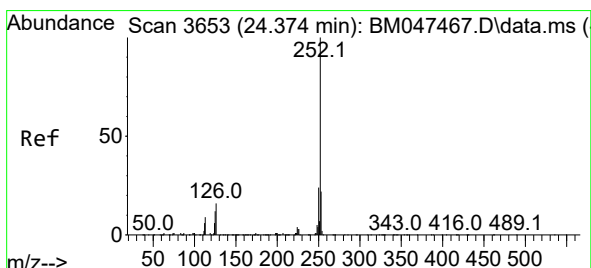
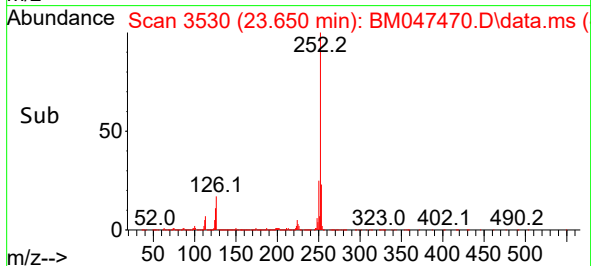
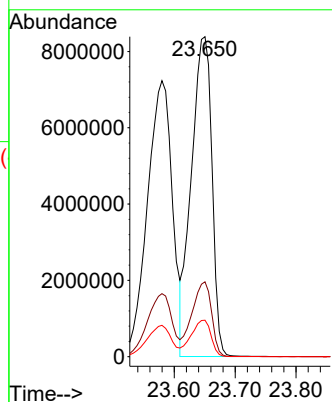
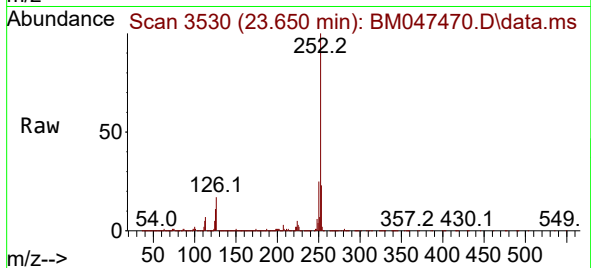
Tgt Ion:252 Resp:19673090

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

125 11.4 8.9 13.3



#93

Benzo(a)pyrene

Concen: 178.582 ng/ul

RT: 24.415 min Scan# 3660

Delta R.T. 0.041 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

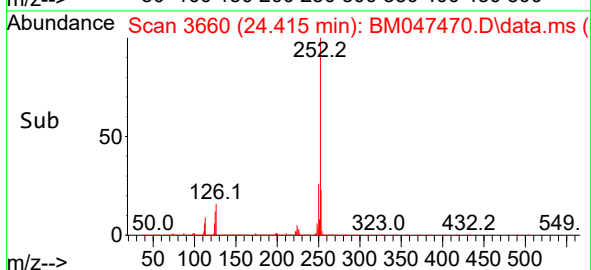
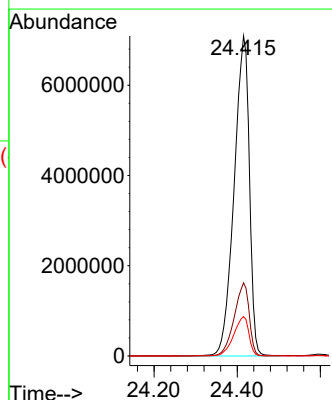
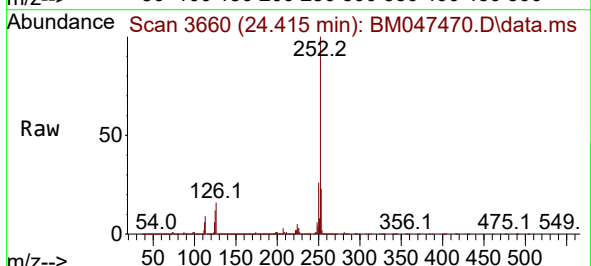
Tgt Ion:252 Resp:18017496

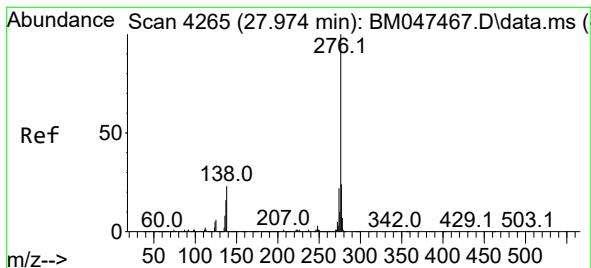
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 12.3 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 158.695 ng/ul

RT: 28.027 min Scan# 41

Delta R.T. 0.053 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SSTD160018

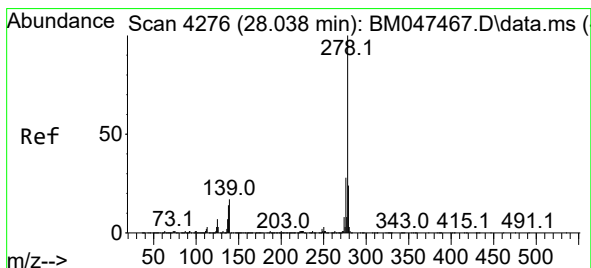
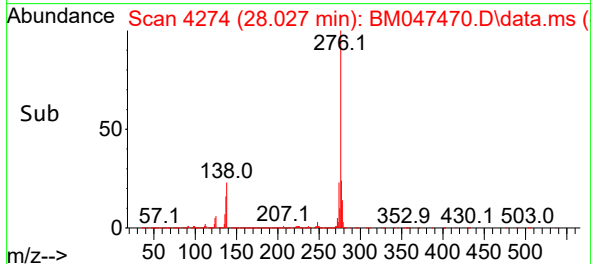
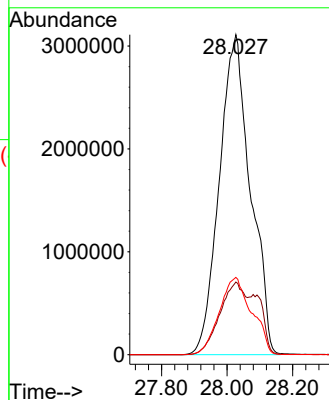
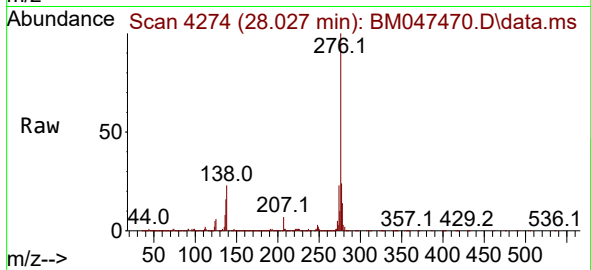
Tgt Ion:276 Resp:20513859

Ion Ratio Lower Upper

276 100

138 22.7 18.1 27.1

277 24.1 19.0 28.6



#95

Dibenzo(a,h)anthracene

Concen: 160.060 ng/ul

RT: 28.097 min Scan# 4286

Delta R.T. 0.059 min

Lab File: BM047470.D

Acq: 10 Sep 2024 20:42

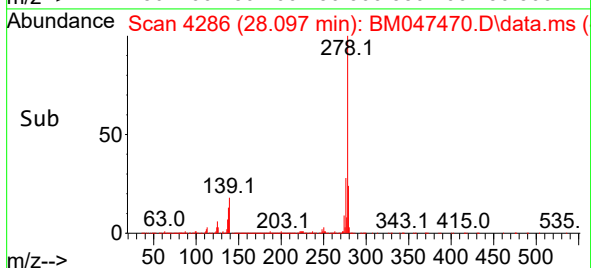
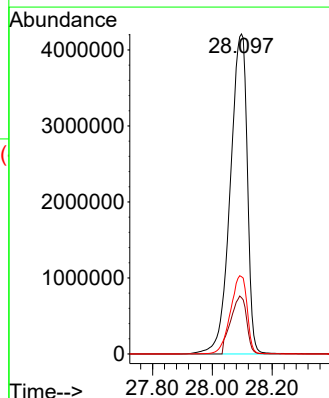
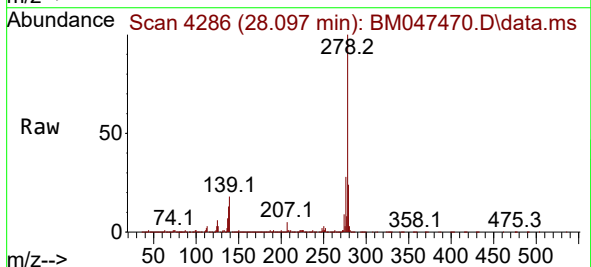
Tgt Ion:278 Resp:16618989

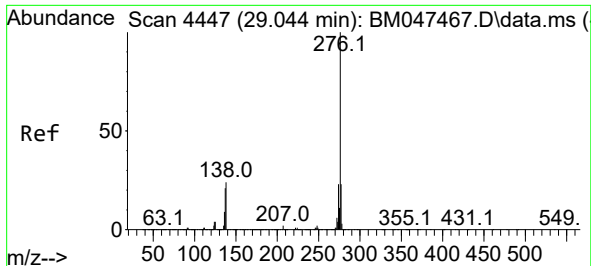
Ion Ratio Lower Upper

278 100

139 17.6 13.8 20.8

279 24.1 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 150.970 ng/ul
 RT: 29.115 min Scan# 44
 Delta R.T. 0.071 min
 Lab File: BM047470.D
 Acq: 10 Sep 2024 20:42

Instrument :
 BNA_M
 ClientSampleId :
 SSTD160018

Tgt Ion:276 Resp:15418952
 Ion Ratio Lower Upper
 276 100
 138 23.6 19.4 29.2
 277 23.9 18.8 28.2

