

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047225.D
 Acq On : 15 Aug 2024 21:33
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 16 01:20:47 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	7.369	152	516834	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1870541	20.000	ng	-0.01
39) Acenaphthene-d10	14.028	164	1178977	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	2394128	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1927603	20.000	ng	0.00
86) Perylene-d12	23.727	264	2309693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2132159	73.715	ng	0.00
7) Phenol-d6	6.587	99	2820295	70.763	ng	0.00
23) Nitrobenzene-d5	8.522	82	2782583	74.905	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	1099806	80.451	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	6139450	80.326	ng	-0.01
79) Terphenyl-d14	19.457	244	7600497	84.489	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	417873	34.868	ng	98
3) Pyridine	3.411	79	1119501	31.856	ng	97
4) n-Nitrosodimethylamine	3.328	42	518772	33.788	ng	98
6) Aniline	6.716	93	1310549	34.789	ng	99
8) 2-Chlorophenol	6.946	128	1155468	36.627	ng	99
9) Benzaldehyde	6.534	77	841828	40.446	ng	99
10) Phenol	6.610	94	1396507	35.116	ng	98
11) bis(2-Chloroethyl)ether	6.822	93	1197030	35.148	ng	99
12) 1,3-Dichlorobenzene	7.257	146	1437902	38.356	ng	98
13) 1,4-Dichlorobenzene	7.404	146	1439998	37.939	ng	98
14) 1,2-Dichlorobenzene	7.710	146	1335003	37.277	ng	99
15) Benzyl Alcohol	7.622	79	996880	35.145	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.904	45	1437439	32.892	ng	99
17) 2-Methylphenol	7.828	107	935101	35.245	ng	99
18) Hexachloroethane	8.416	117	537446	36.555	ng	96
19) n-Nitroso-di-n-propyla...	8.181	70	866155	32.264	ng	99
20) 3+4-Methylphenols	8.163	107	1301919	35.100	ng	98
22) Acetophenone	8.193	105	1693018	37.496	ng	99
24) Nitrobenzene	8.563	77	1387836	37.102	ng	97
25) Isophorone	9.087	82	2435138	37.648	ng	98
26) 2-Nitrophenol	9.257	139	693622	41.870	ng	96
27) 2,4-Dimethylphenol	9.340	122	779206	40.155	ng	99
28) bis(2-Chloroethoxy)met...	9.569	93	1520936	37.370	ng	100
29) 2,4-Dichlorophenol	9.792	162	1207464	41.936	ng	99
30) 1,2,4-Trichlorobenzene	9.992	180	1368159	41.989	ng	100
31) Naphthalene	10.175	128	3601581	38.650	ng	100
32) Benzoic acid	9.551	122	992552	44.025	ng	98
33) 4-Chloroaniline	10.298	127	1359399	37.936	ng	100
34) Hexachlorobutadiene	10.457	225	863988	45.302	ng	99
35) Caprolactam	11.128	113	375495	37.553	ng	95
36) 4-Chloro-3-methylphenol	11.451	107	1168745	38.114	ng	100
37) 2-Methylnaphthalene	11.798	142	2550924	38.448	ng	99
38) 1-Methylnaphthalene	12.028	142	2494030	38.036	ng	98
40) 1,2,4,5-Tetrachloroben...	12.181	216	1433228	44.570	ng	98
41) Hexachlorocyclopentadiene	12.157	237	259378	23.099	ng	96
43) 2,4,6-Trichlorophenol	12.445	196	985990	43.139	ng	98

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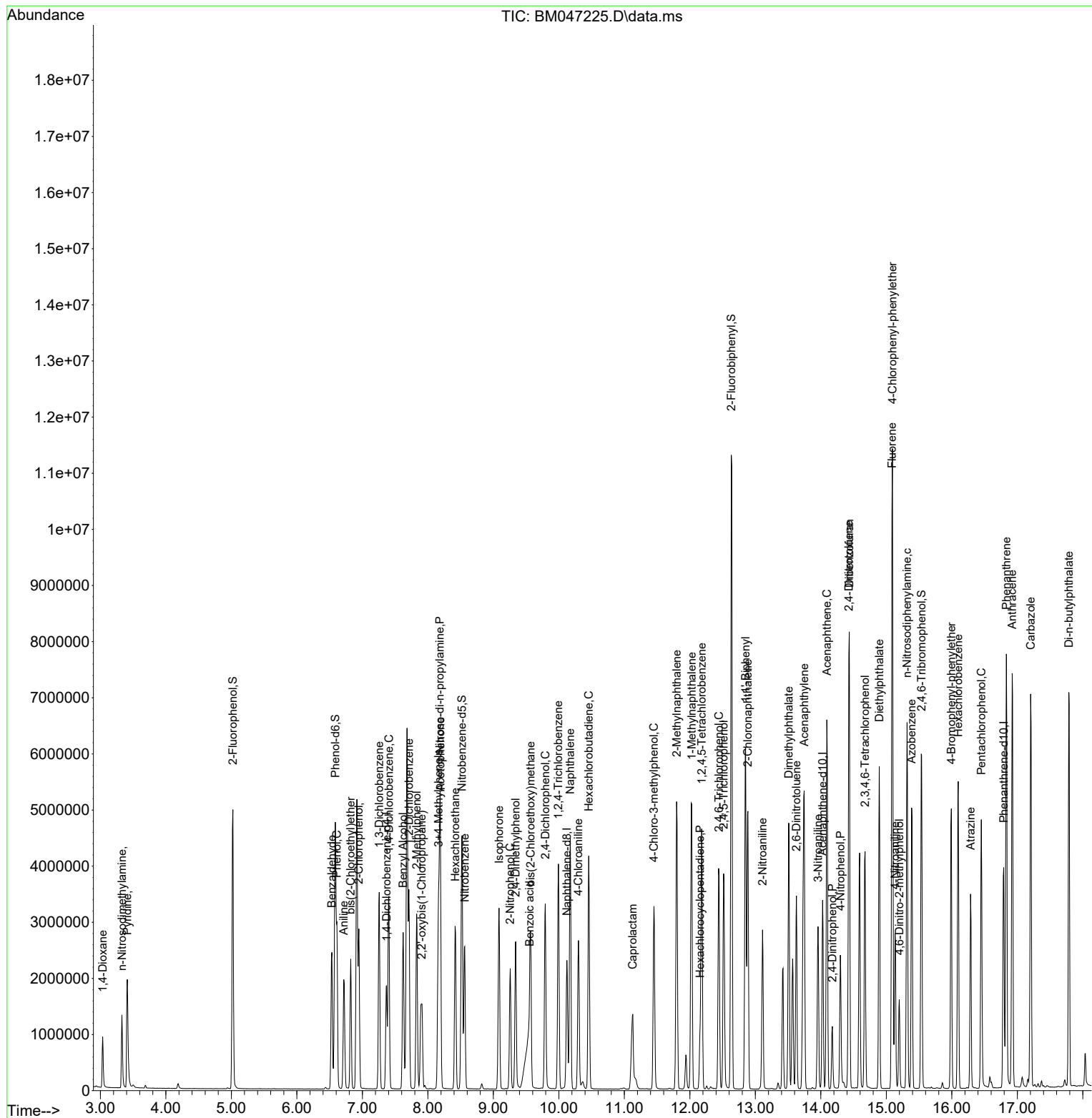
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	1085916	42.791	ng	98
46) 1,1'-Biphenyl	12.851	154	3272721	38.992	ng	98
47) 2-Chloronaphthalene	12.886	162	2574267	39.240	ng	98
48) 2-Nitroaniline	13.110	65	770470	37.489	ng	98
49) Acenaphthylene	13.745	152	3736039	38.635	ng	100
50) Dimethylphthalate	13.510	163	3133613	38.057	ng	99
51) 2,6-Dinitrotoluene	13.628	165	758896	39.427	ng	89
52) Acenaphthene	14.092	154	2361643	38.501	ng	99
53) 3-Nitroaniline	13.957	138	747765	38.769	ng	99
54) 2,4-Dinitrophenol	14.175	184	246722	21.386	ng	95
55) Dibenzofuran	14.433	168	3720316	38.398	ng	98
56) 4-Nitrophenol	14.298	139	638580	38.395	ng	99
57) 2,4-Dinitrotoluene	14.427	165	986702	38.405	ng	97
58) Fluorene	15.086	166	3016667	37.735	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.675	232	869528	41.691	ng	95
60) Diethylphthalate	14.892	149	3139562	37.338	ng	98
61) 4-Chlorophenyl-phenyle...	15.092	204	1518688	39.903	ng	96
62) 4-Nitroaniline	15.133	138	723296	38.065	ng	97
63) Azobenzene	15.386	77	2856596	35.830	ng	97
65) 4,6-Dinitro-2-methylph...	15.198	198	351171	25.053	ng	93
66) n-Nitrosodiphenylamine	15.316	169	2579371	39.555	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	978487	42.414	ng	97
68) Hexachlorobenzene	16.098	284	1138425	41.202	ng	95
69) Atrazine	16.286	200	624917	31.846	ng	98
70) Pentachlorophenol	16.451	266	823166	42.501	ng	99
71) Phenanthrene	16.833	178	4584320	38.154	ng	99
72) Anthracene	16.921	178	4591535	39.274	ng	100
73) Carbazole	17.204	167	4485605	37.578	ng	100
74) Di-n-butylphthalate	17.786	149	5397231	38.859	ng	100
75) Fluoranthene	18.868	202	5584280	38.211	ng	99
77) Benzidine	19.074	184	2344229	71.713	ng	99
78) Pyrene	19.233	202	5760711	41.855	ng	100
80) Butylbenzylphthalate	20.168	149	2453501	43.680	ng	99
81) Benzo(a)anthracene	21.015	228	5031024	39.315	ng	100
82) 3,3'-Dichlorobenzidine	20.951	252	1820351	45.466	ng	99
83) Chrysene	21.068	228	4686626	38.602	ng	100
84) Bis(2-ethylhexyl)phtha...	20.968	149	3338704	41.913	ng	99
85) Di-n-octyl phthalate	22.003	149	5983430	44.192	ng	99
87) Indeno(1,2,3-cd)pyrene	26.733	276	6085902	40.765	ng	99
88) Benzo(b)fluoranthene	22.886	252	5308336	38.701	ng	100
89) Benzo(k)fluoranthene	22.945	252	4931265	38.062	ng	99
90) Benzo(a)pyrene	23.603	252	4689493	39.467	ng	99
91) Dibenzo(a,h)anthracene	26.780	278	4863800	40.257	ng	100
92) Benzo(g,h,i)perylene	27.668	276	5159474	41.131	ng	99

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

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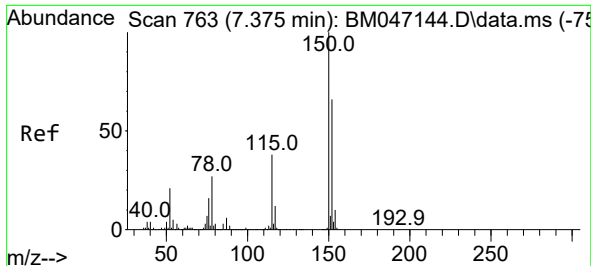
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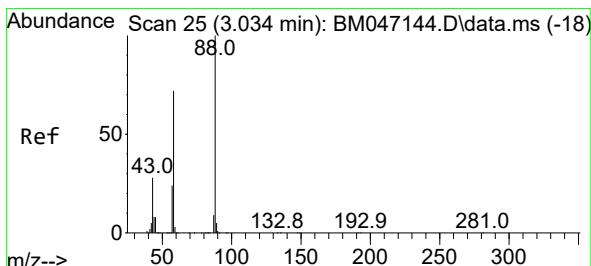
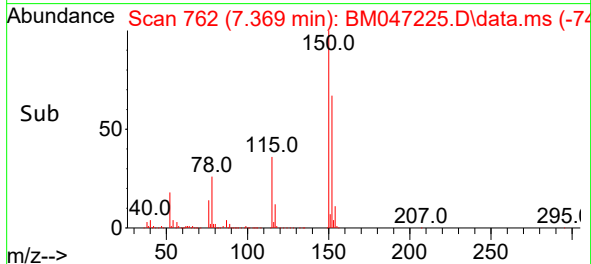
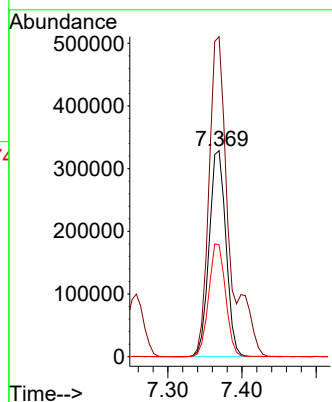
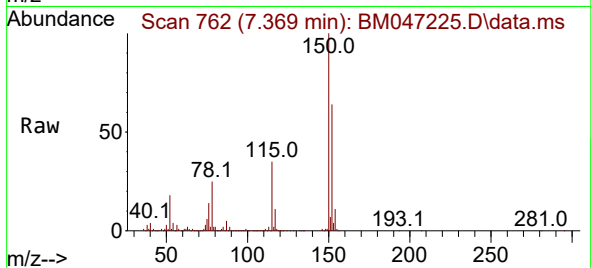




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

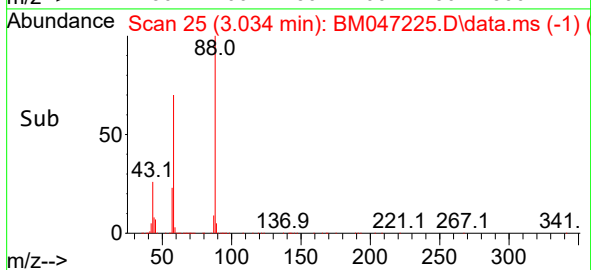
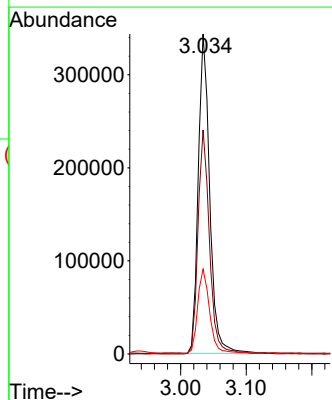
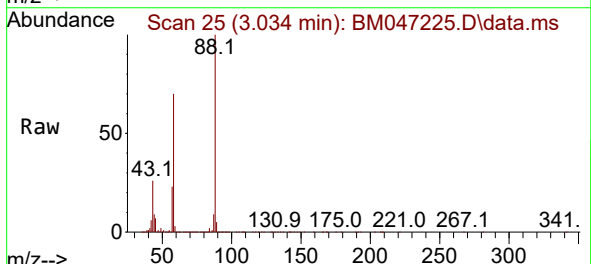
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ClientSampleId :
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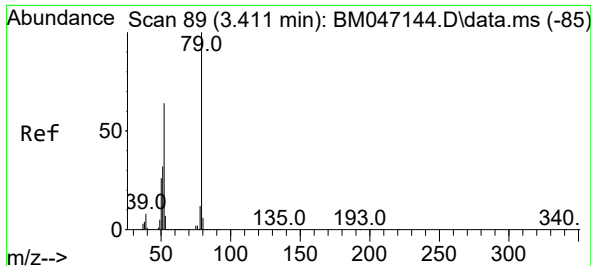
Tgt Ion:152 Resp: 516834
Ion Ratio Lower Upper
152 100
150 155.2 120.5 180.7
115 54.3 45.5 68.3



#2
1,4-Dioxane
Concen: 34.868 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 88 Resp: 417873
Ion Ratio Lower Upper
88 100
58 70.4 58.2 87.4
43 27.5 22.5 33.7

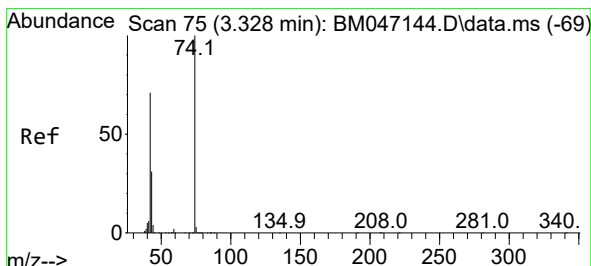
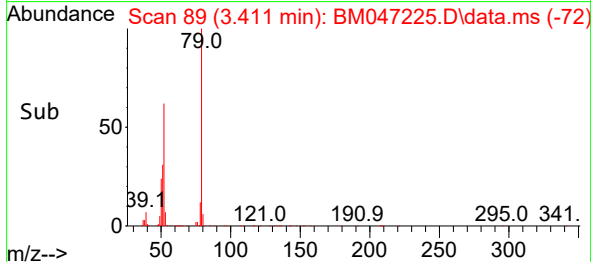
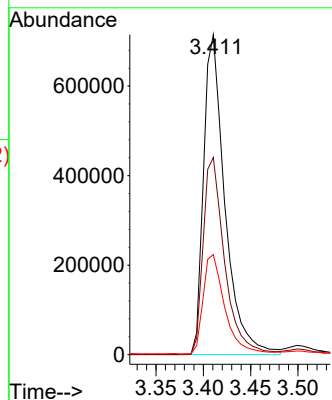
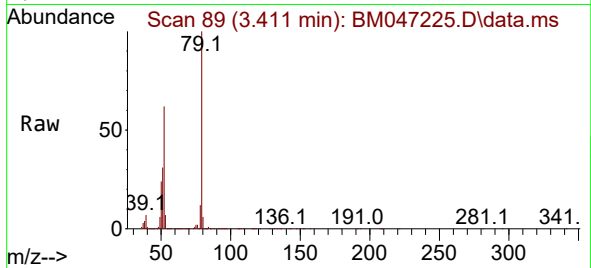




#3
Pyridine
Concen: 31.856 ng
RT: 3.411 min Scan# 89
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

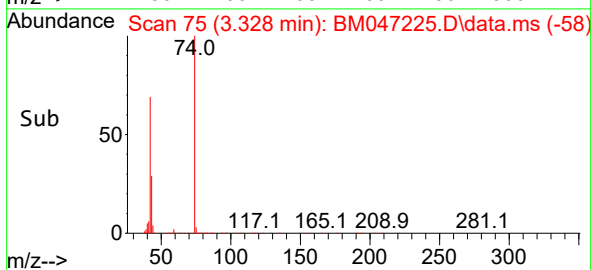
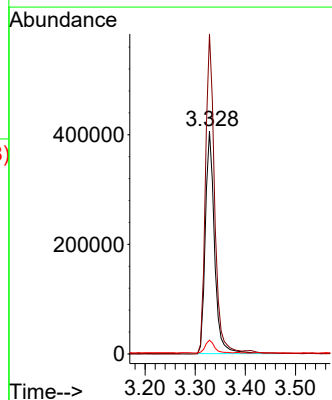
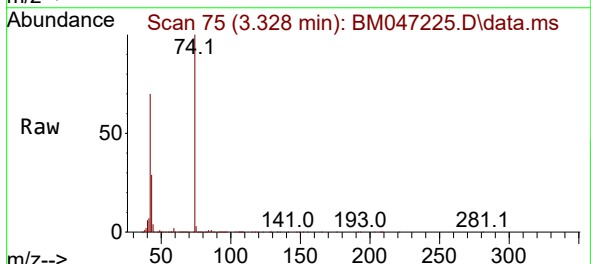
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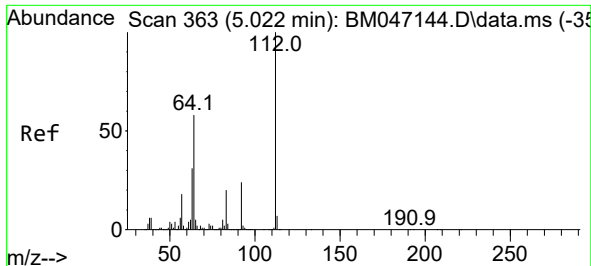
Tgt Ion: 79 Resp: 1119501
Ion Ratio Lower Upper
79 100
52 61.6 51.2 76.8
51 31.3 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 33.788 ng
RT: 3.328 min Scan# 75
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 42 Resp: 518772
Ion Ratio Lower Upper
42 100
74 143.7 112.9 169.3
44 6.2 5.3 7.9

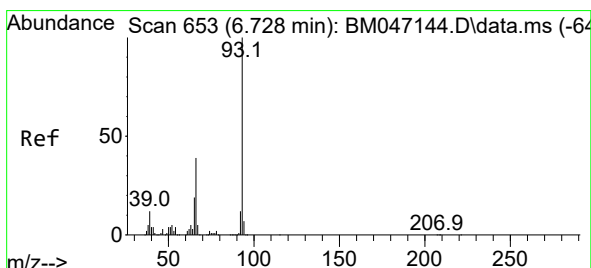
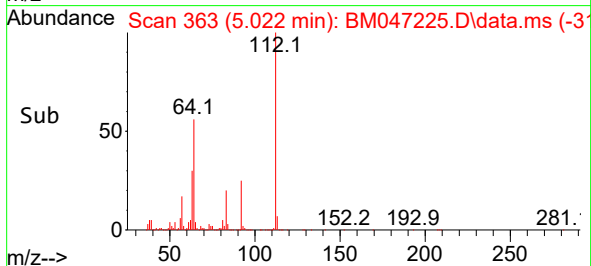
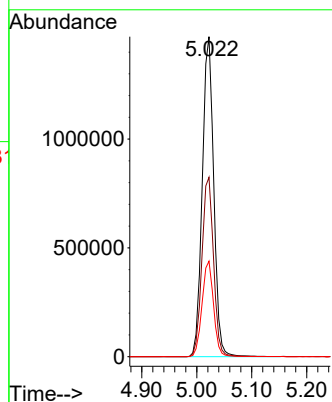
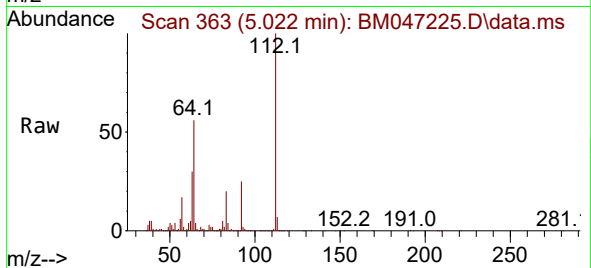




#5
2-Fluorophenol
Concen: 73.715 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047225.D
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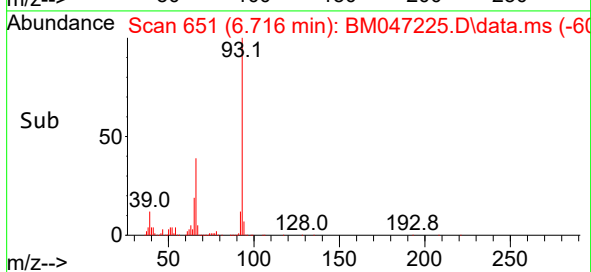
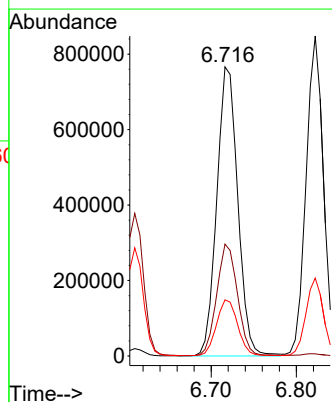
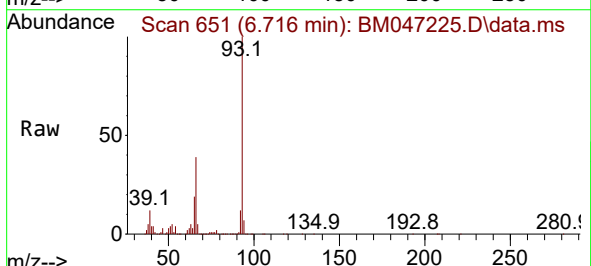
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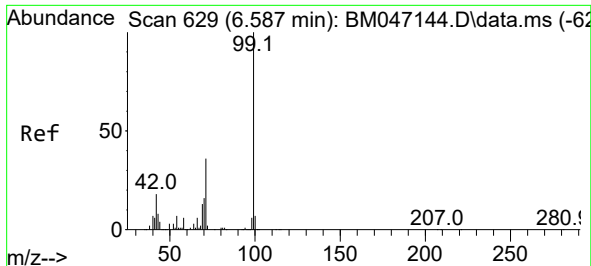
Tgt Ion:112 Resp: 2132159
Ion Ratio Lower Upper
112 100
64 56.0 46.7 70.1
63 29.8 24.8 37.2



#6
Aniline
Concen: 34.789 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 93 Resp: 1310549
Ion Ratio Lower Upper
93 100
66 38.7 31.4 47.2
65 19.4 15.6 23.4

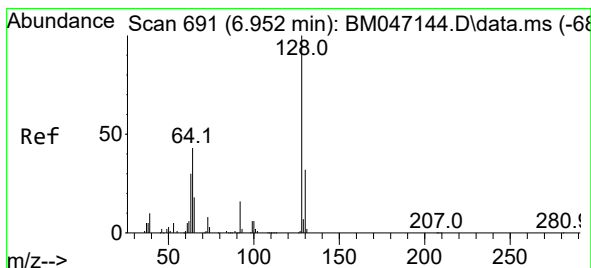
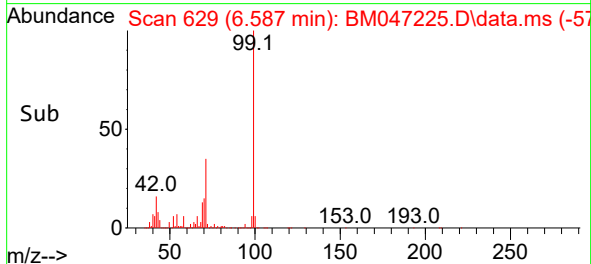
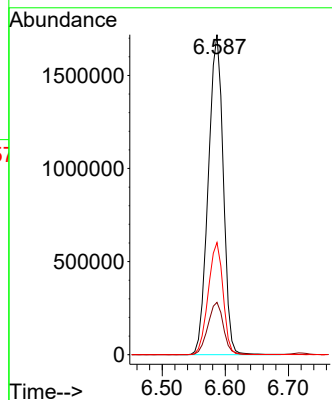
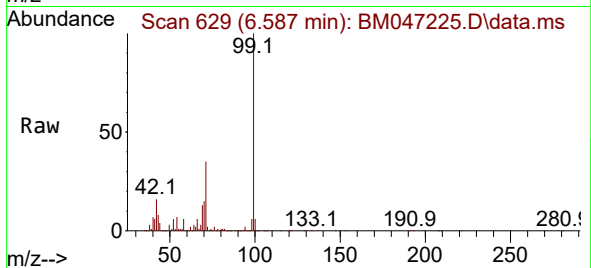




#7
Phenol-d6
Concen: 70.763 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
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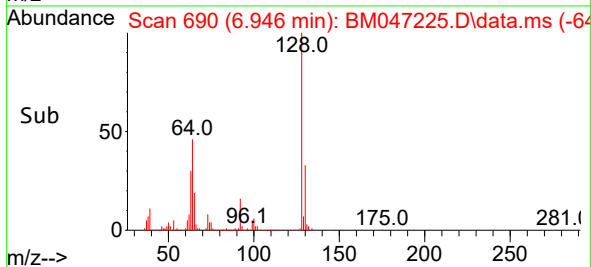
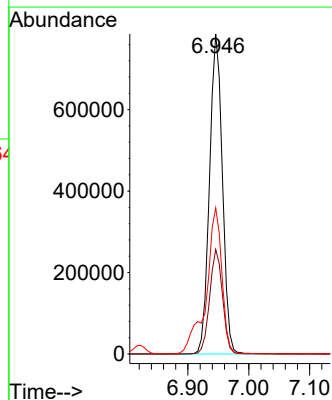
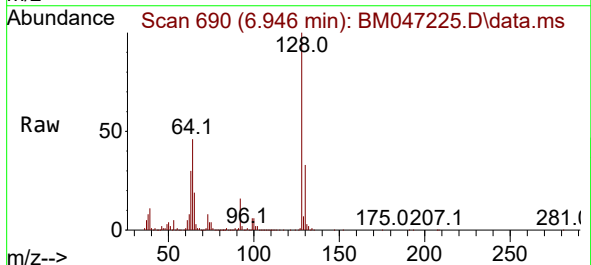
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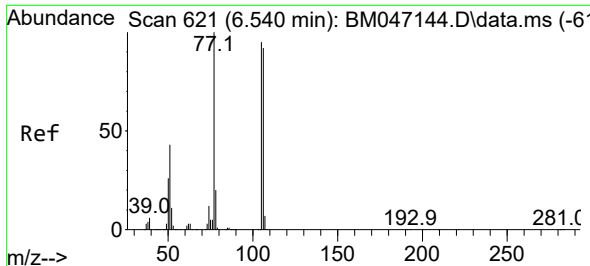
Tgt Ion: 99 Resp: 2820295
Ion Ratio Lower Upper
99 100
42 16.4 14.1 21.1
71 35.1 28.5 42.7



#8
2-Chlorophenol
Concen: 36.627 ng
RT: 6.946 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 128 Resp: 1155468
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 45.7 26.6 66.6

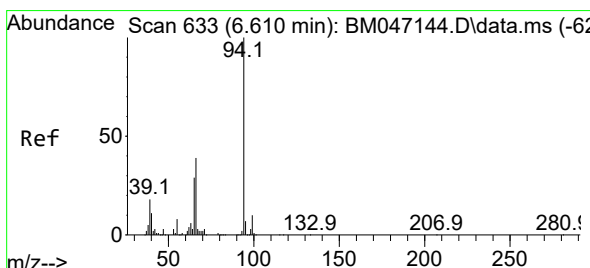
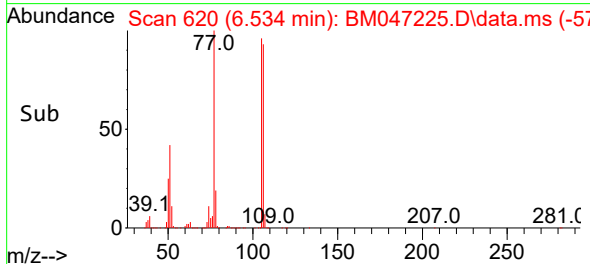
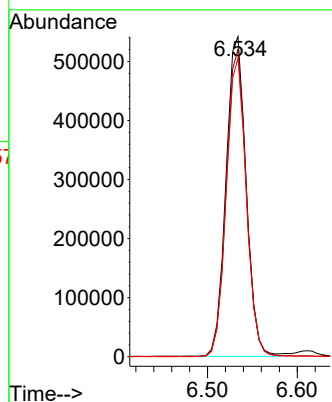
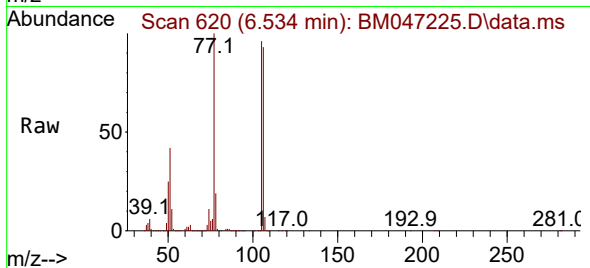




#9
Benzaldehyde
Concen: 40.446 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
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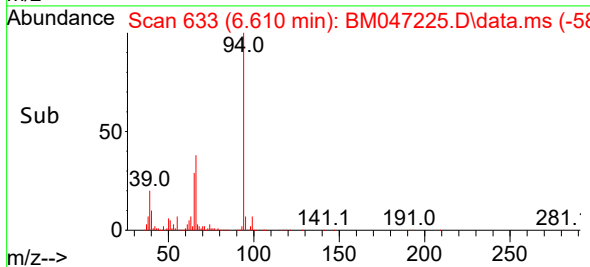
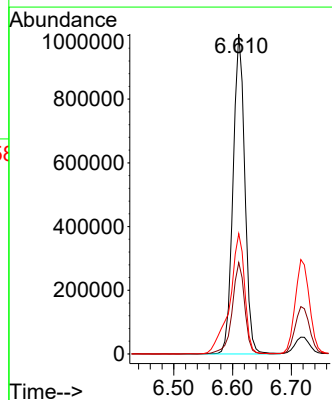
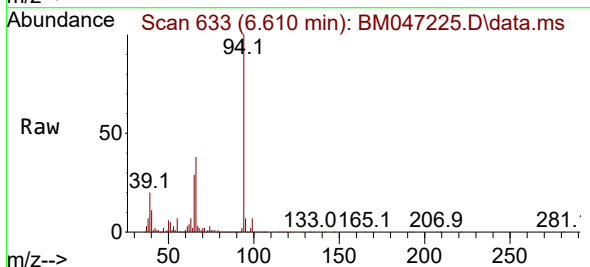
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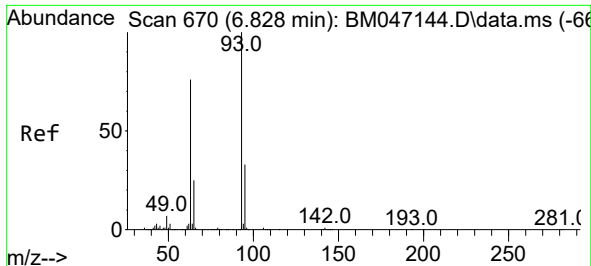
Tgt Ion: 77 Resp: 841828
Ion Ratio Lower Upper
77 100
105 96.0 74.5 114.5
106 93.2 72.3 112.3



#10
Phenol
Concen: 35.116 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 94 Resp: 1396507
Ion Ratio Lower Upper
94 100
65 28.5 9.0 49.0
66 37.6 18.9 58.9

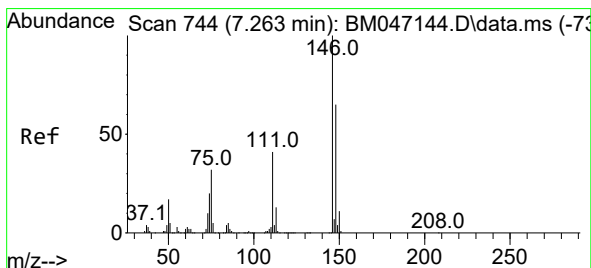
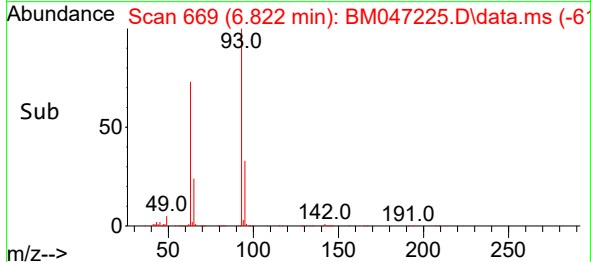
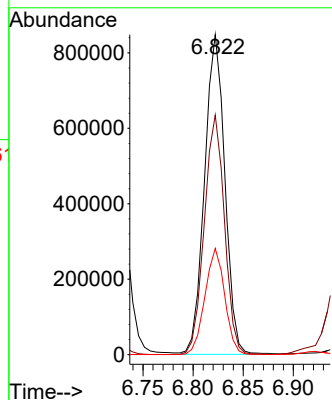
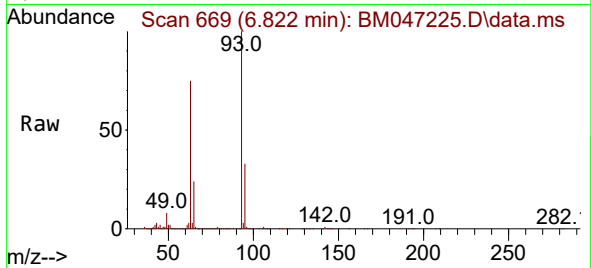




#11
bis(2-Chloroethyl)ether
Concen: 35.148 ng
RT: 6.822 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

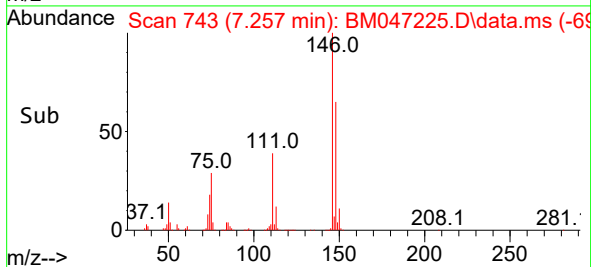
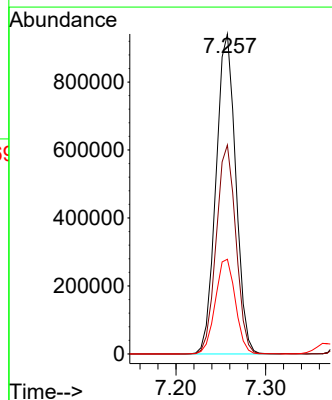
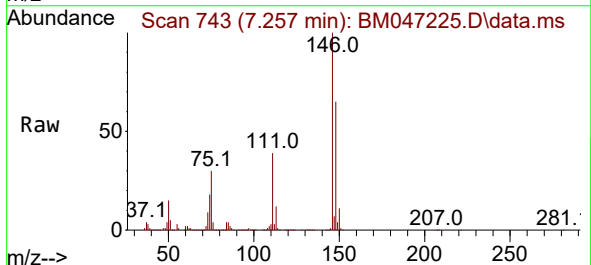
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

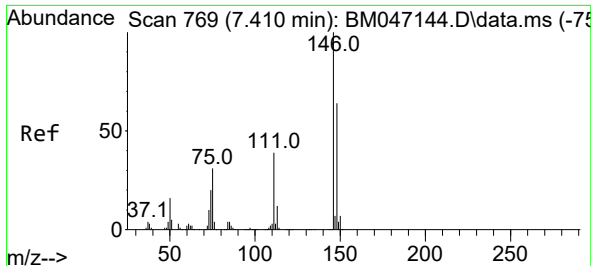
Tgt Ion: 93 Resp: 1197030
Ion Ratio Lower Upper
93 100
63 74.9 55.8 95.8
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.356 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:146 Resp: 1437902
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
75 29.6 25.8 38.6

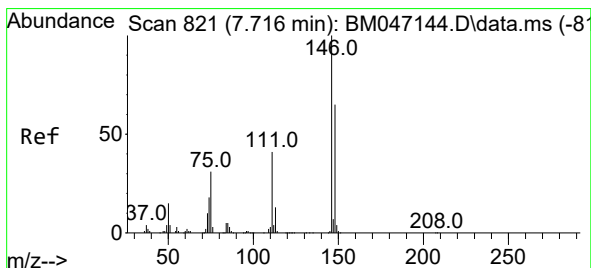
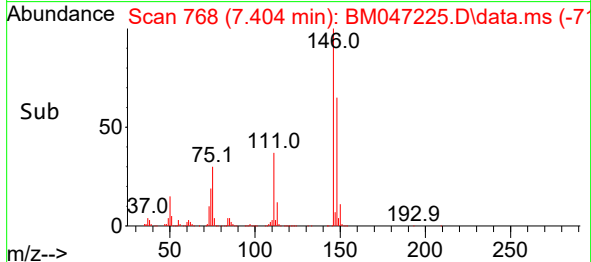
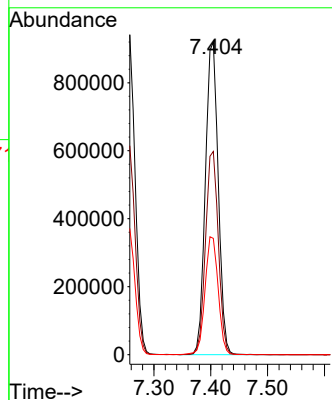
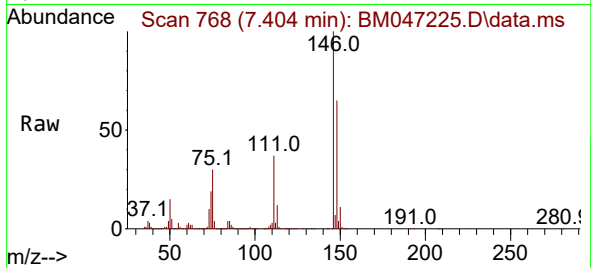




#13
1,4-Dichlorobenzene
Concen: 37.939 ng
RT: 7.404 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

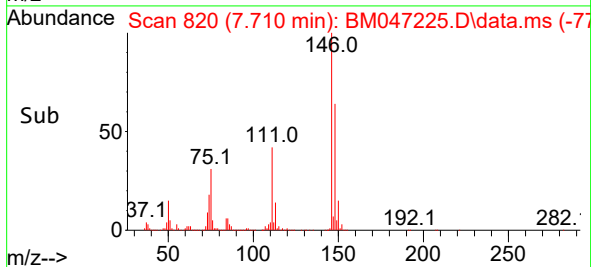
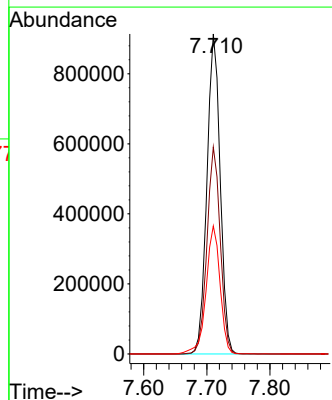
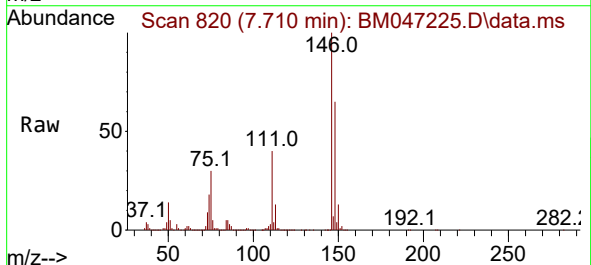
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

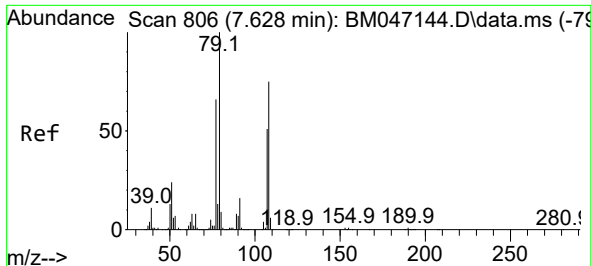
Tgt Ion:146 Resp: 1439998
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
111 37.2 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 37.277 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:146 Resp: 1335003
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 40.0 33.3 49.9

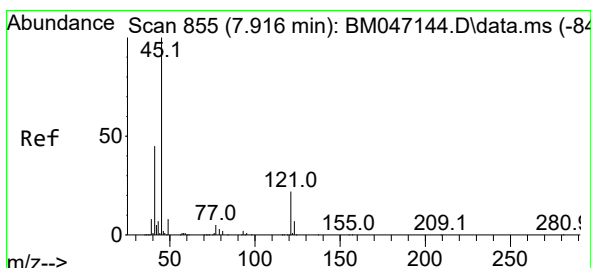
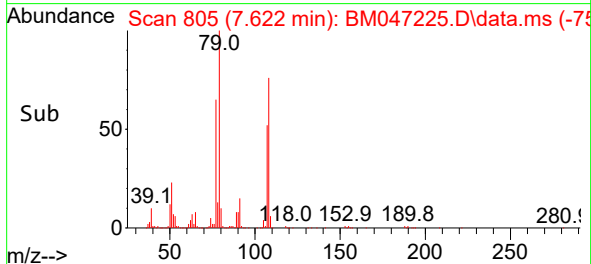
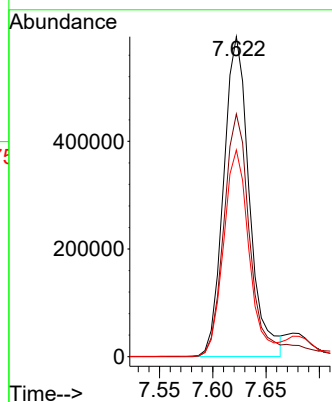
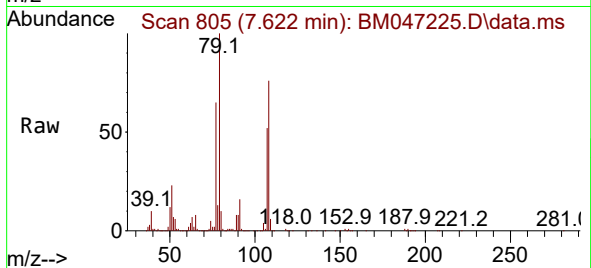




#15
Benzyl Alcohol
Concen: 35.145 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

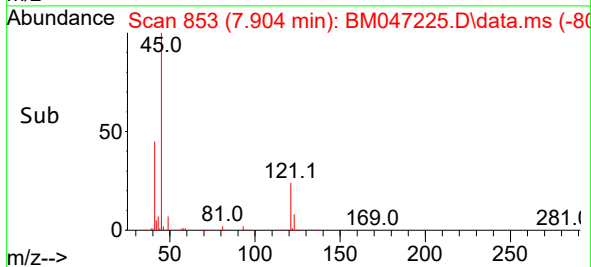
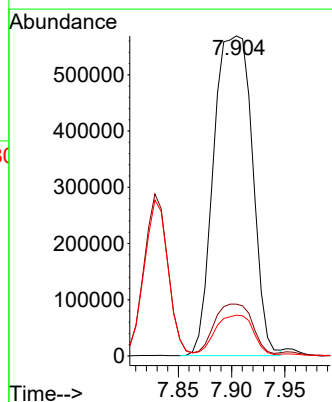
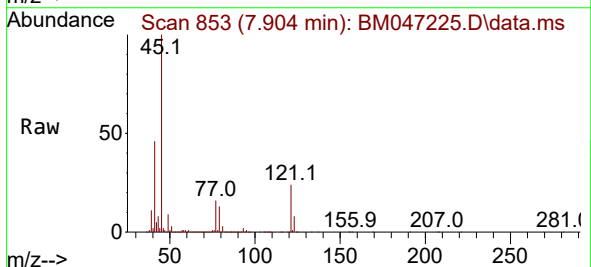
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

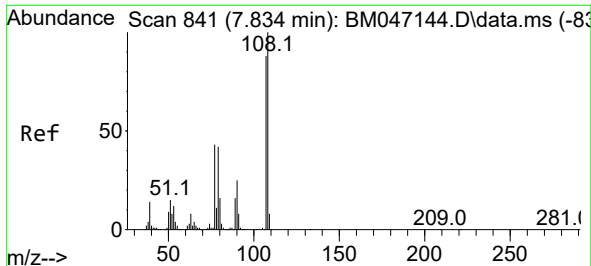
Tgt Ion: 79 Resp: 996880
Ion Ratio Lower Upper
79 100
108 75.9 59.7 89.5
77 64.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.892 ng
RT: 7.904 min Scan# 853
Delta R.T. -0.012 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 45 Resp: 1437439
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.6
79 12.7 0.0 32.4





#17

2-Methylphenol

Concen: 35.245 ng

RT: 7.828 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM047225.D

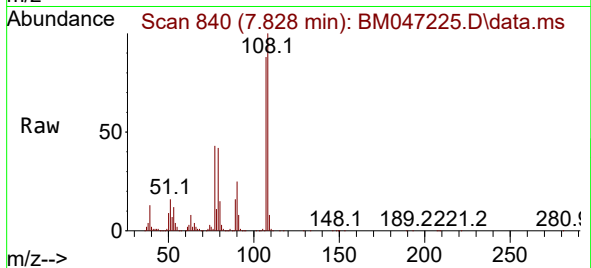
Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:107 Resp: 935101

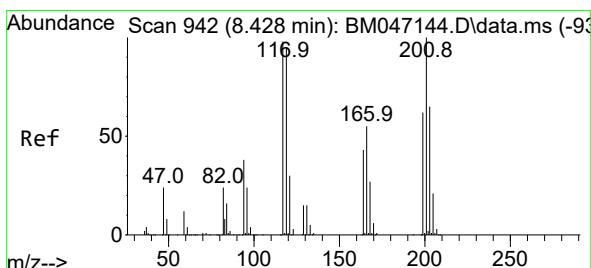
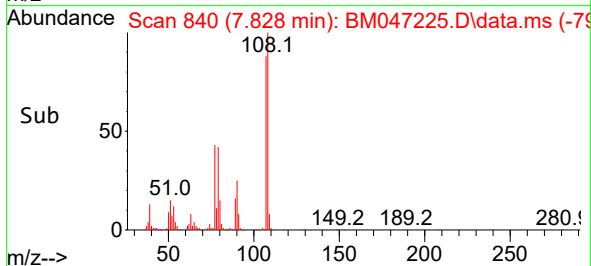
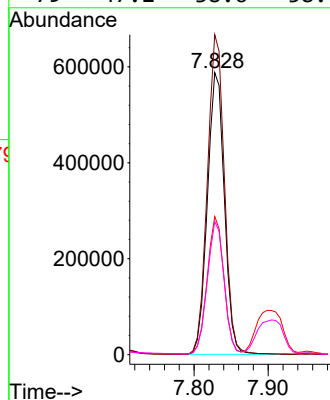
Ion Ratio Lower Upper

107 100

108 113.4 90.6 135.8

77 49.0 39.3 58.9

79 47.2 38.6 58.0



#18

Hexachloroethane

Concen: 36.555 ng

RT: 8.416 min Scan# 940

Delta R.T. -0.012 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

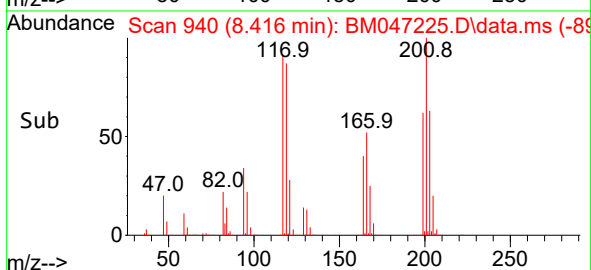
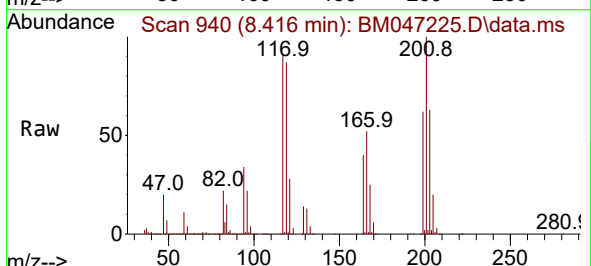
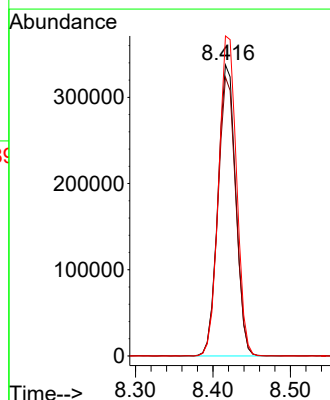
Tgt Ion:117 Resp: 537446

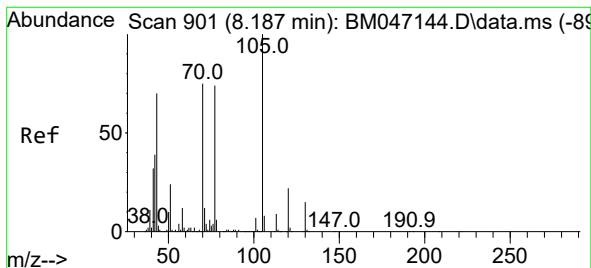
Ion Ratio Lower Upper

117 100

119 95.8 77.0 115.4

201 110.0 81.3 121.9

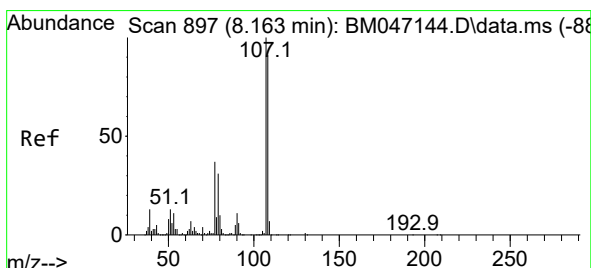
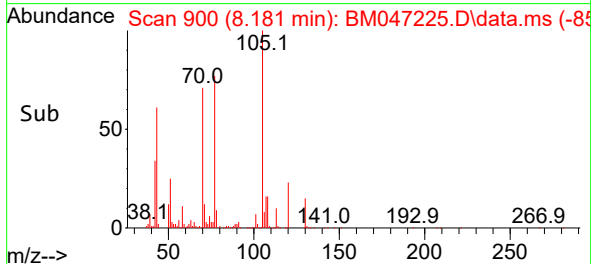
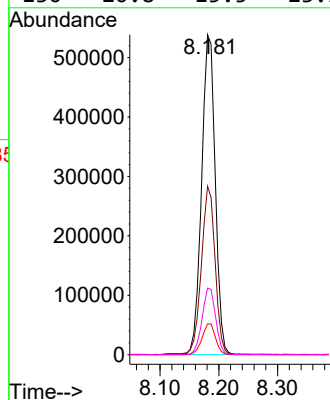
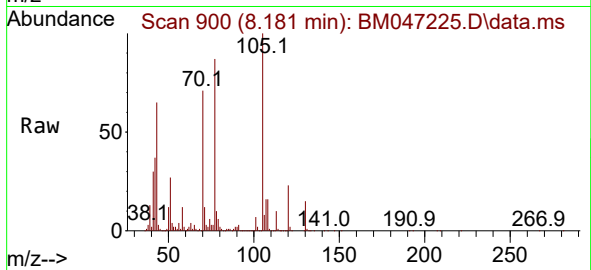




#19
n-Nitroso-di-n-propylamine
Concen: 32.264 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

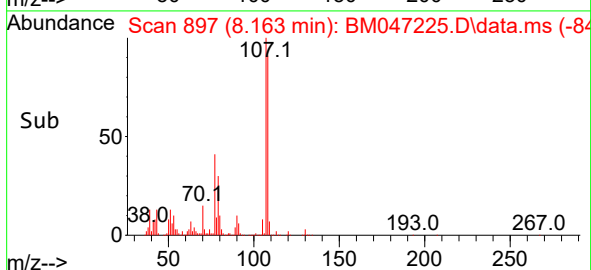
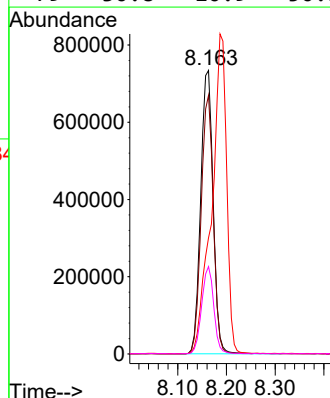
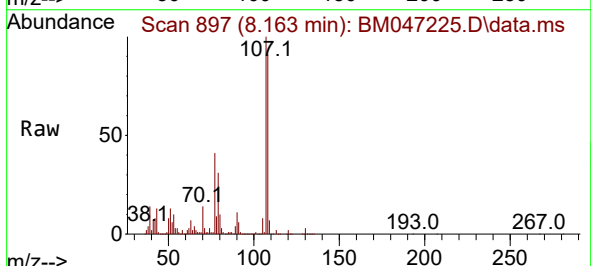
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

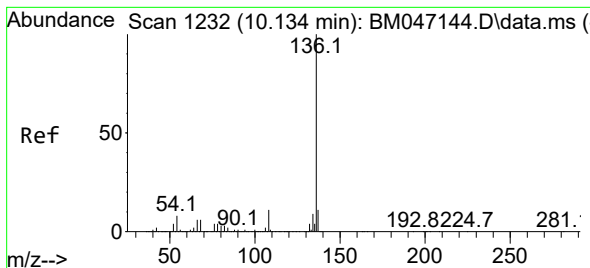
Tgt Ion: 70 Resp: 866155
Ion Ratio Lower Upper
70 100
42 52.7 42.0 63.0
101 9.6 7.2 10.8
130 20.8 15.5 23.3



#20
3+4-Methylphenols
Concen: 35.100 ng
RT: 8.163 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 107 Resp: 1301919
Ion Ratio Lower Upper
107 100
108 91.2 70.7 110.7
77 41.0 17.4 57.4
79 30.8 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 1870541

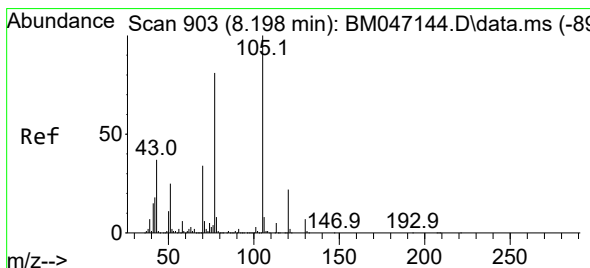
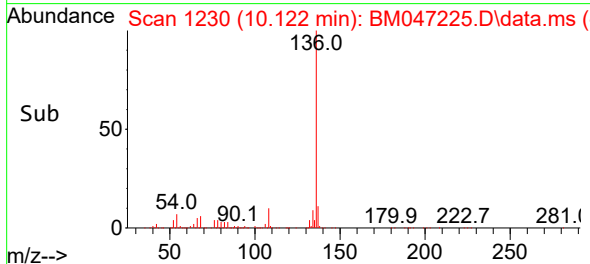
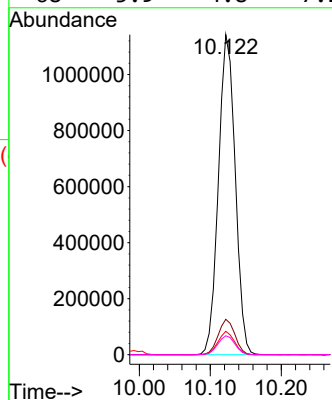
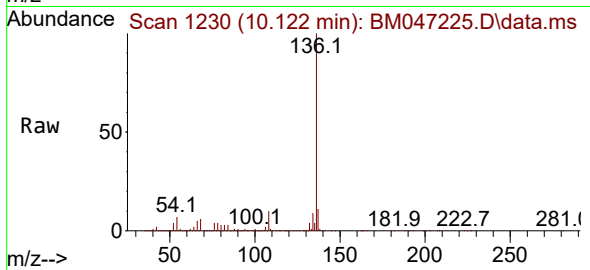
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 6.0 9.0

68 5.9 4.8 7.2



#22

Acetophenone

Concen: 37.496 ng

RT: 8.193 min Scan# 902

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Tgt Ion:105 Resp: 1693018

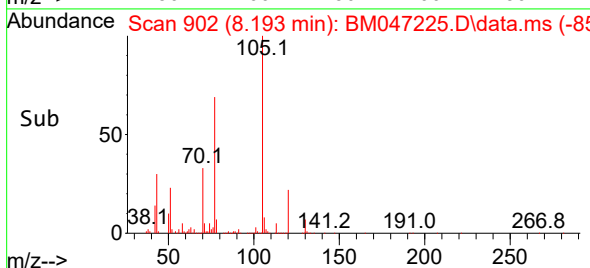
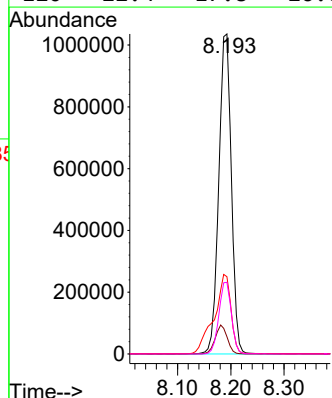
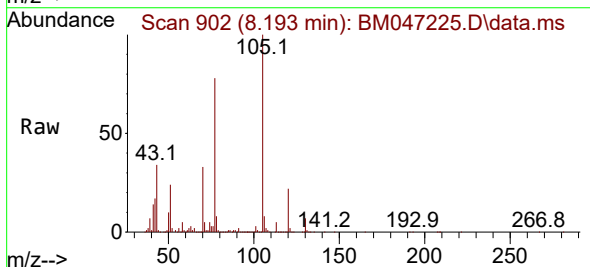
Ion Ratio Lower Upper

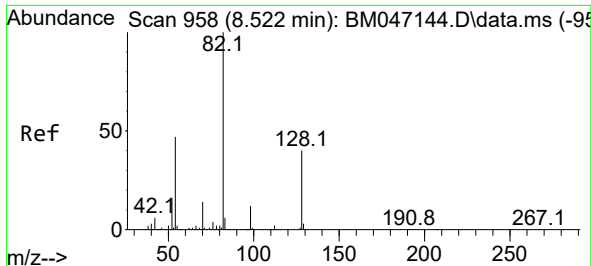
105 100

71 5.4 4.5 6.7

51 24.2 20.1 30.1

120 22.4 17.8 26.6

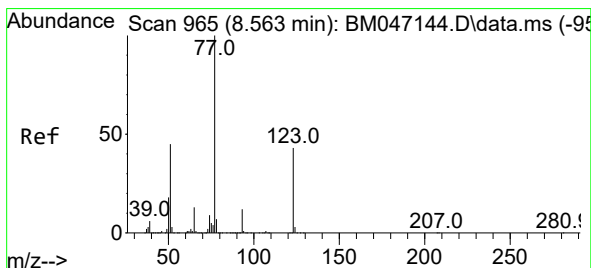
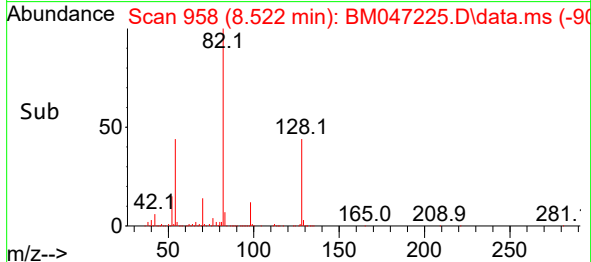
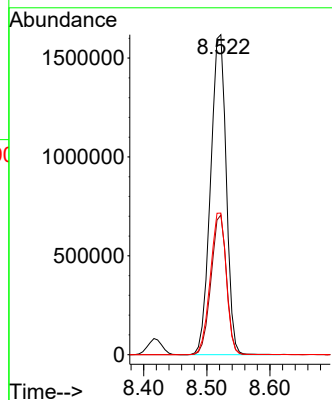
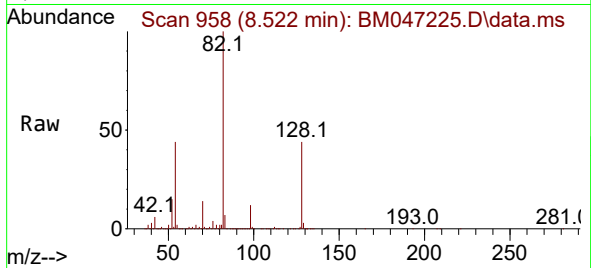




#23
Nitrobenzene-d5
Concen: 74.905 ng
RT: 8.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

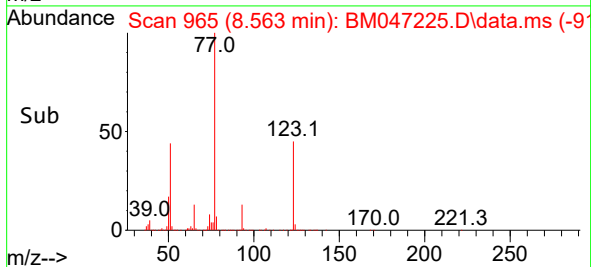
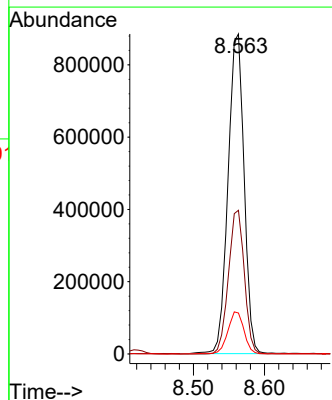
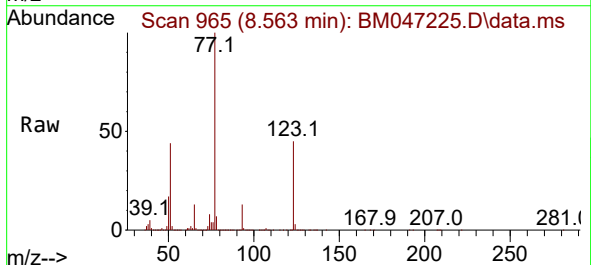
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

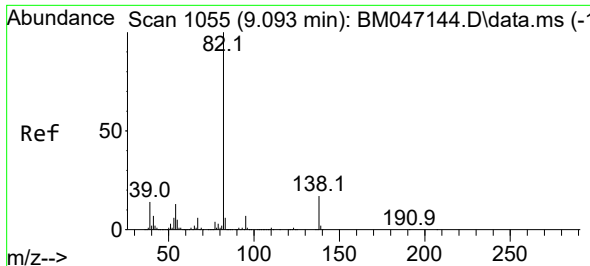
Tgt Ion: 82 Resp: 2782583
Ion Ratio Lower Upper
82 100
128 43.7 32.3 48.5
54 44.3 37.4 56.2



#24
Nitrobenzene
Concen: 37.102 ng
RT: 8.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 77 Resp: 1387836
Ion Ratio Lower Upper
77 100
123 44.9 34.0 51.0
65 12.8 10.5 15.7

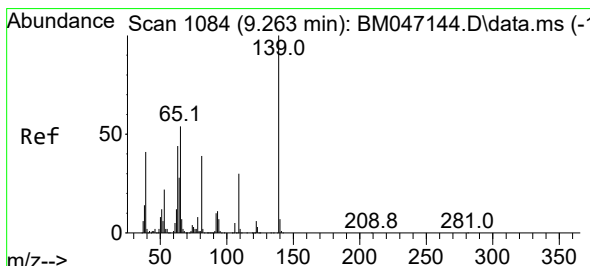
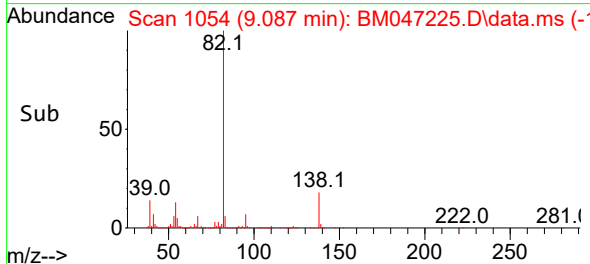
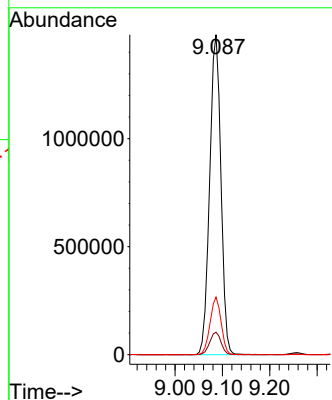
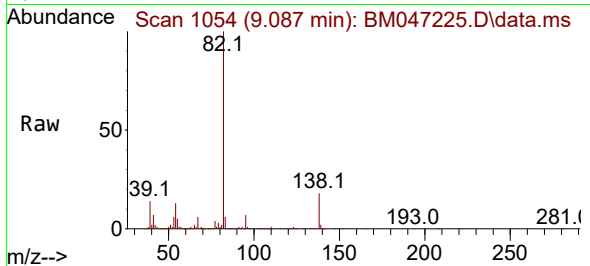




#25
Isophorone
Concen: 37.648 ng
RT: 9.087 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

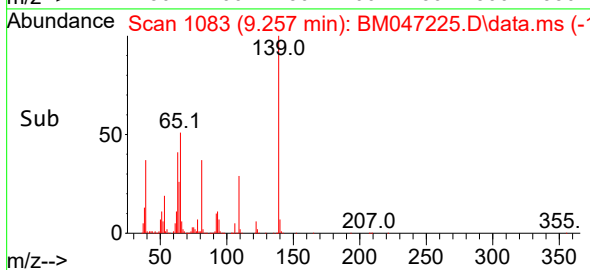
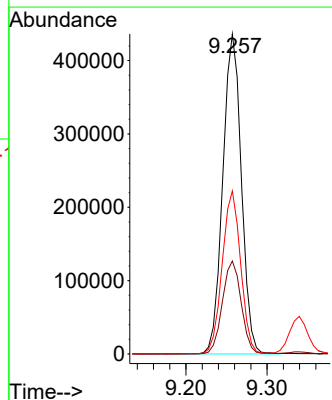
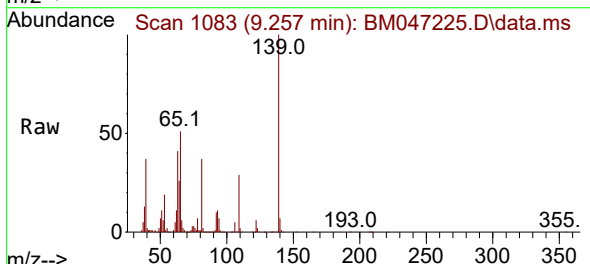
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

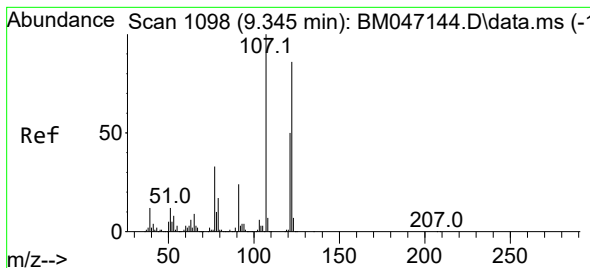
Tgt Ion: 82 Resp: 2435138
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 13.5 20.3



#26
2-Nitrophenol
Concen: 41.870 ng
RT: 9.257 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 139 Resp: 693622
Ion Ratio Lower Upper
139 100
109 29.1 24.4 36.6
65 50.9 43.0 64.6

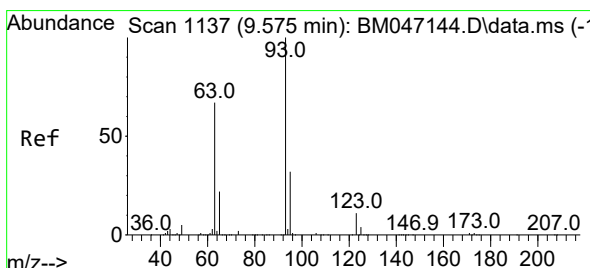
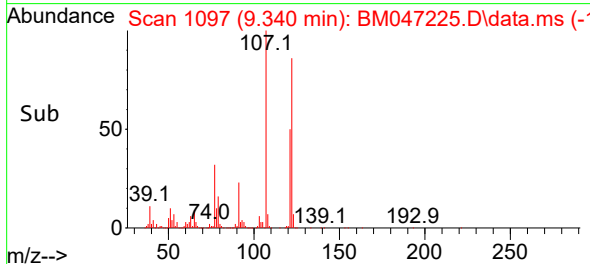
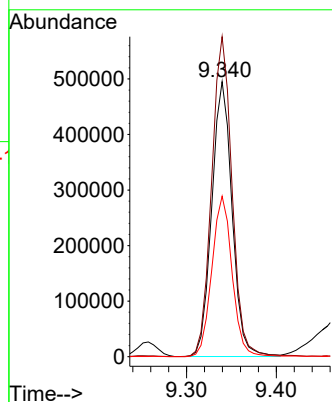
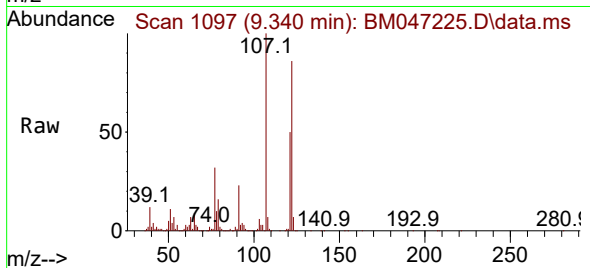




#27
2,4-Dimethylphenol
Concen: 40.155 ng
RT: 9.340 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

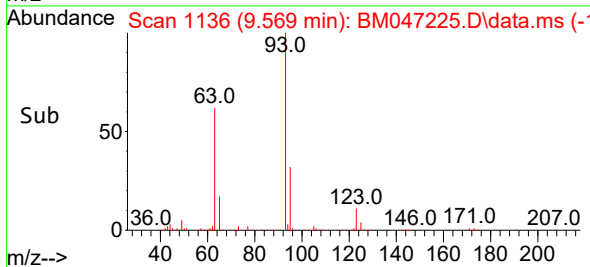
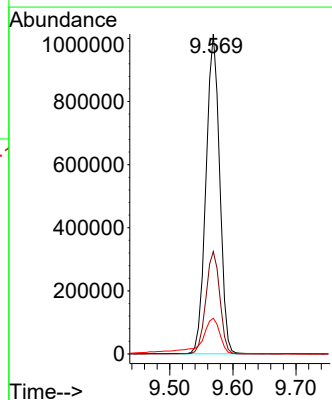
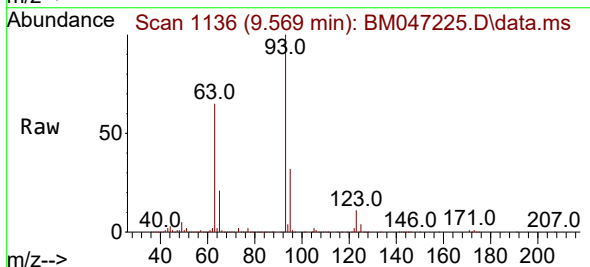
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

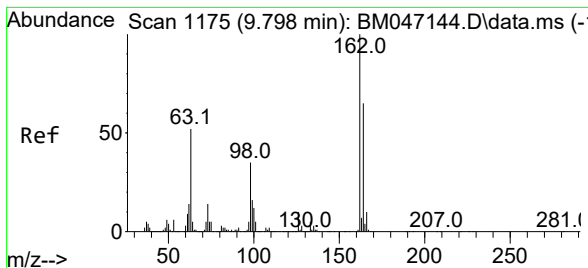
Tgt Ion:122 Resp: 779206
Ion Ratio Lower Upper
122 100
107 116.3 92.8 139.2
121 58.3 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 37.370 ng
RT: 9.569 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 93 Resp: 1520936
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.936 ng

RT: 9.792 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

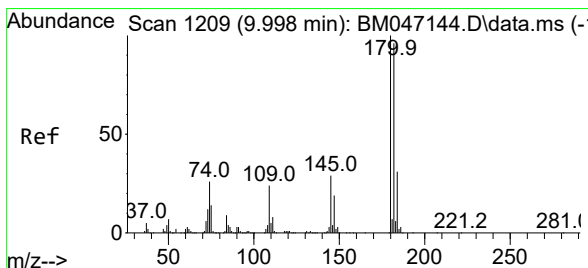
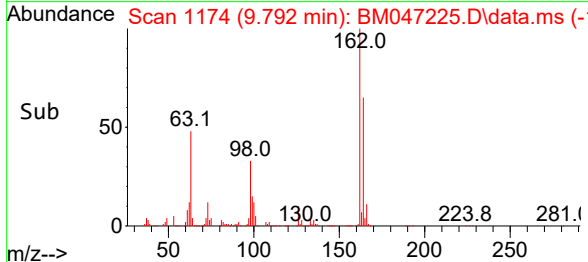
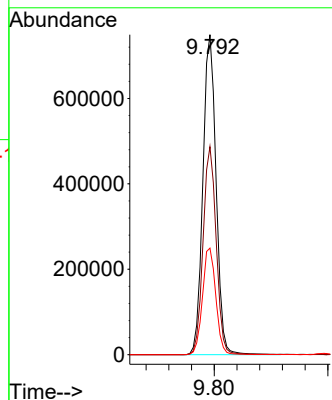
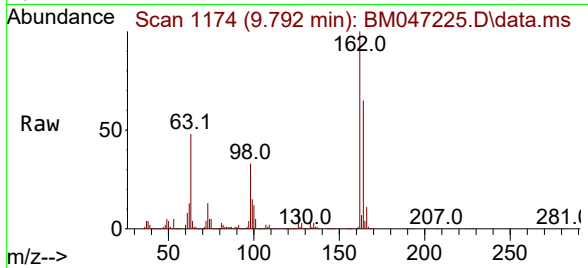
Tgt Ion:162 Resp: 1207464

Ion Ratio Lower Upper

162 100

164 65.0 44.7 84.7

98 33.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 41.989 ng

RT: 9.992 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

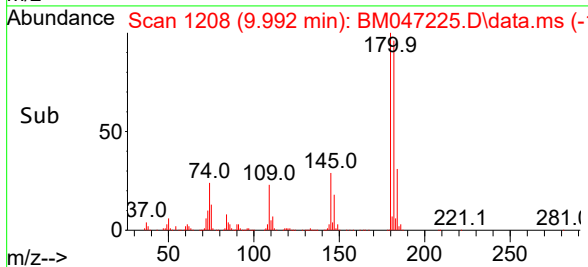
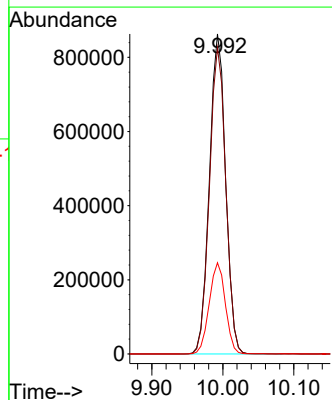
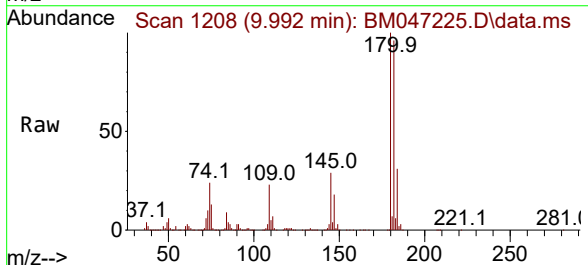
Tgt Ion:180 Resp: 1368159

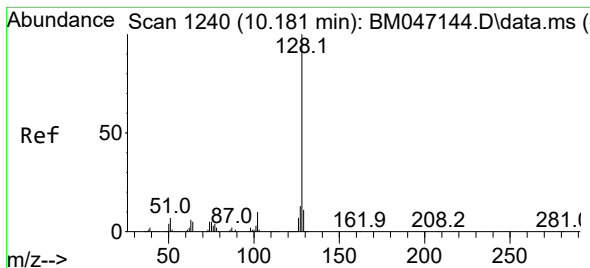
Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

145 28.5 23.4 35.2

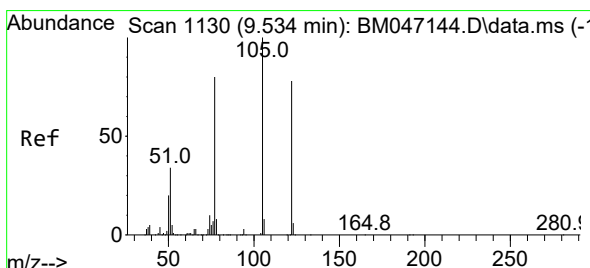
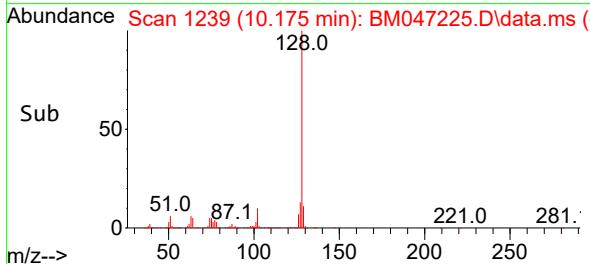
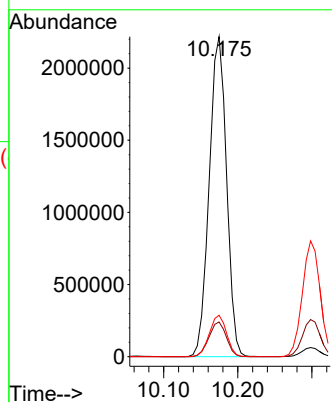
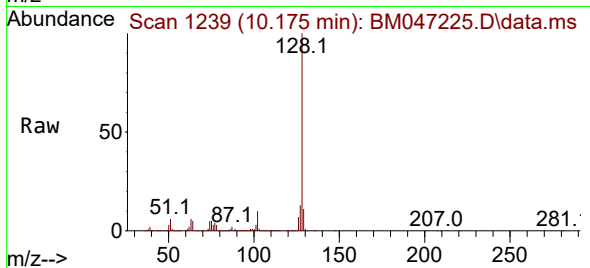




#31
Naphthalene
Concen: 38.650 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

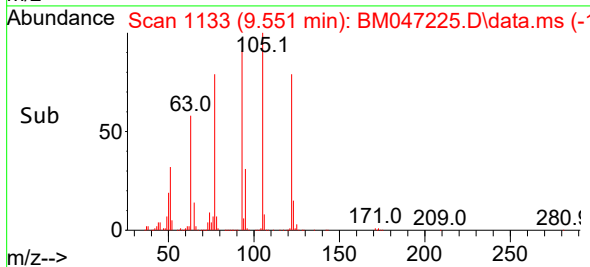
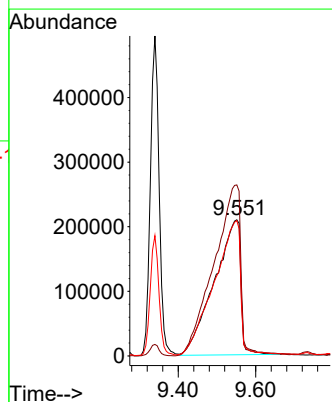
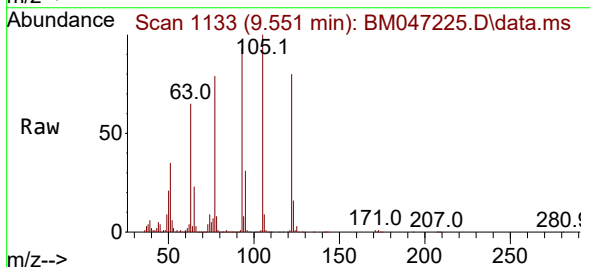
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

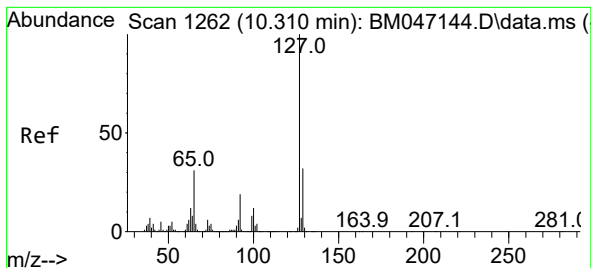
Tgt Ion:128 Resp: 3601581
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 44.025 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.018 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:122 Resp: 992552
Ion Ratio Lower Upper
122 100
105 125.6 107.1 147.1
77 99.4 82.1 122.1





#33

4-Chloroaniline

Concen: 37.936 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 1359399

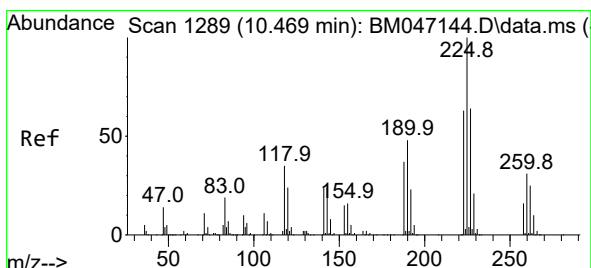
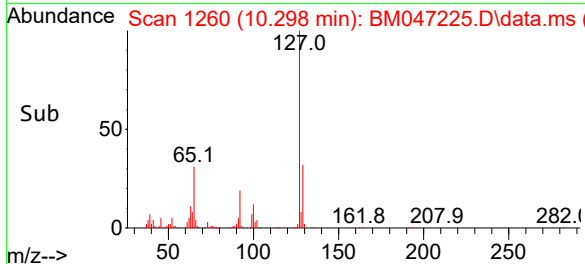
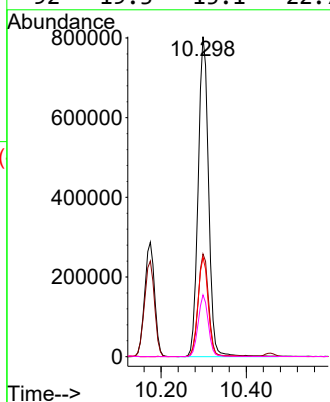
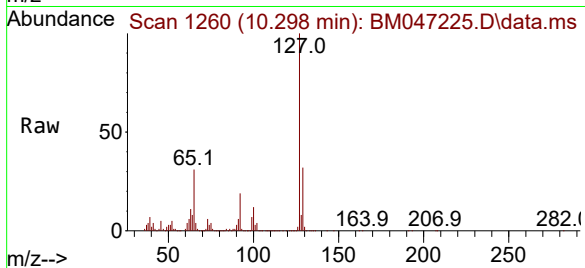
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 31.0 24.9 37.3

92 19.3 15.1 22.7



#34

Hexachlorobutadiene

Concen: 45.302 ng

RT: 10.457 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

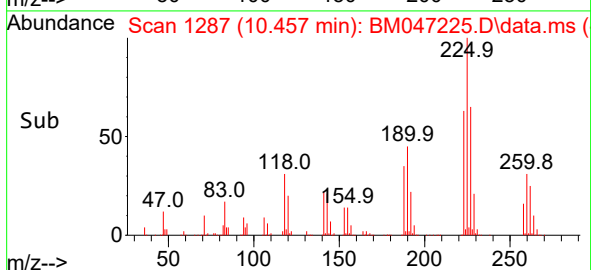
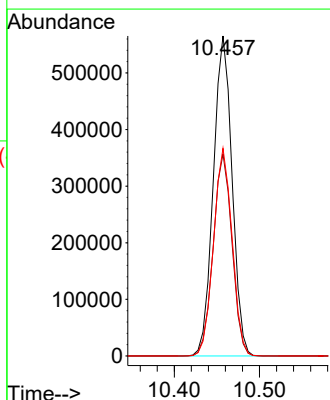
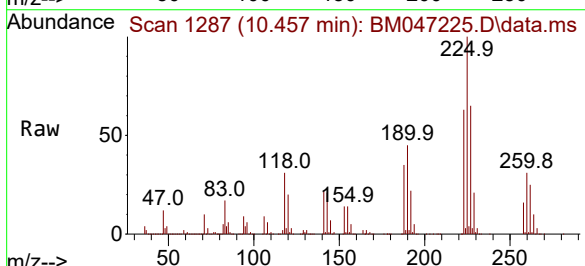
Tgt Ion:225 Resp: 863988

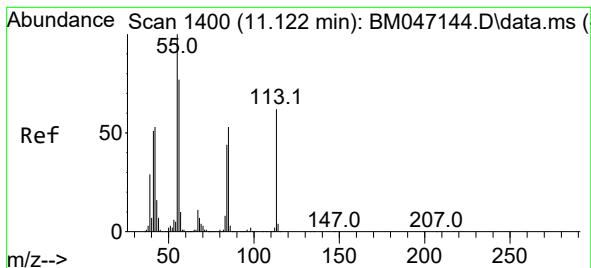
Ion Ratio Lower Upper

225 100

223 63.1 50.2 75.2

227 64.9 51.4 77.0

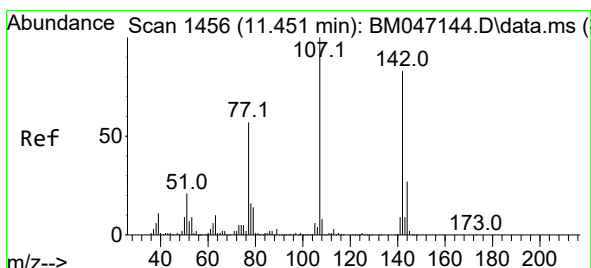
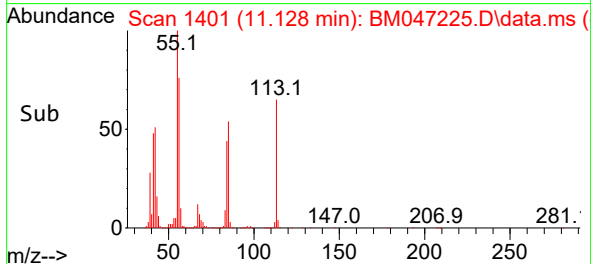
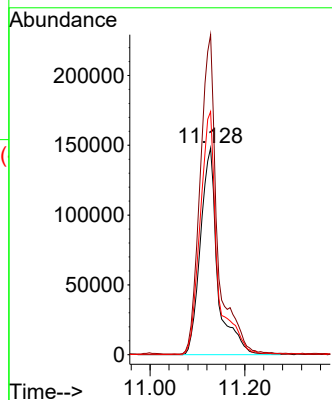
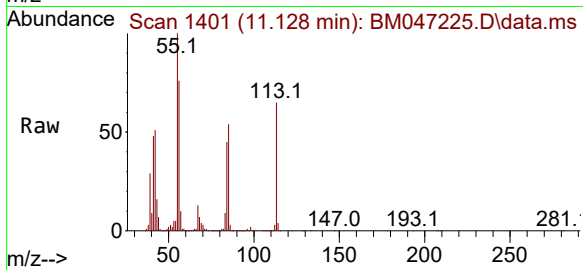




#35
Caprolactam
Concen: 37.553 ng
RT: 11.128 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

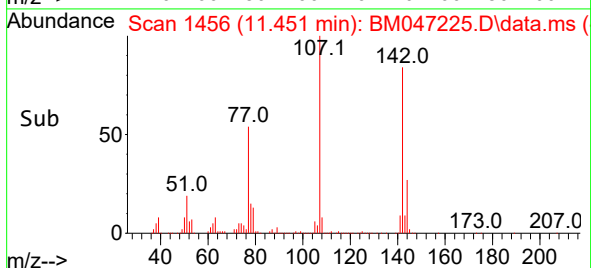
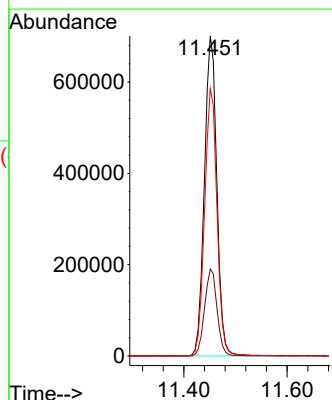
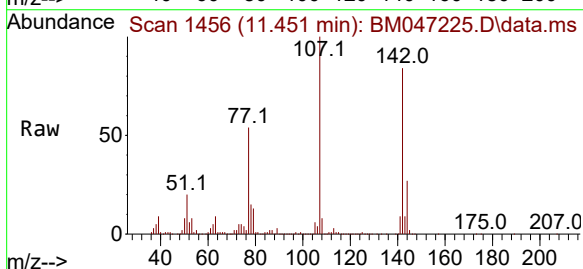
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

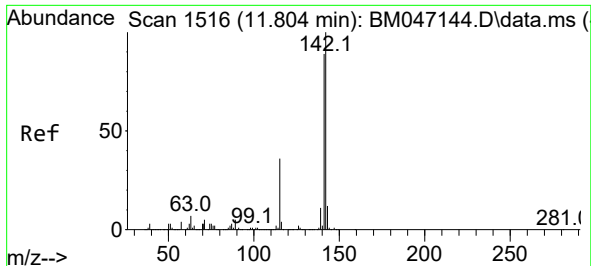
Tgt Ion:113 Resp: 375495
Ion Ratio Lower Upper
113 100
55 154.9 140.5 180.5
56 117.6 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 38.114 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:107 Resp: 1168745
Ion Ratio Lower Upper
107 100
144 27.2 21.8 32.6
142 83.6 66.8 100.2





#37

2-Methylnaphthalene

Concen: 38.448 ng

RT: 11.798 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

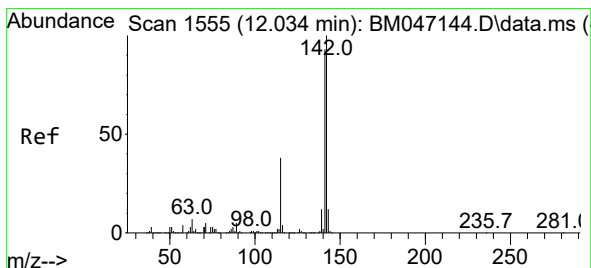
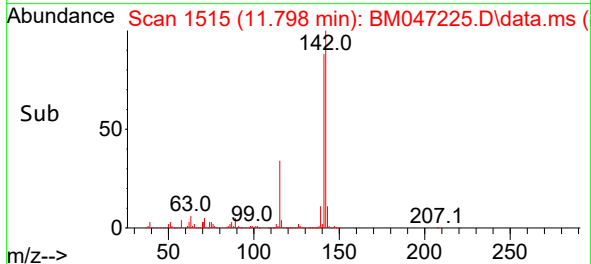
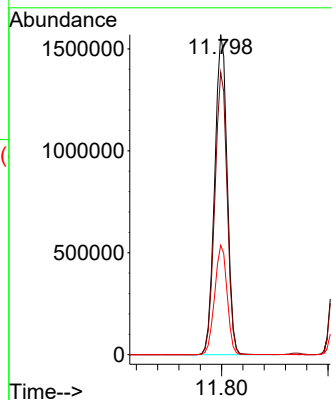
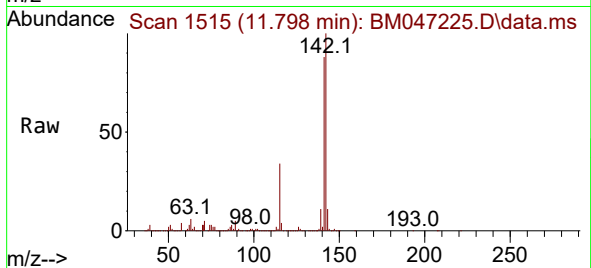
Tgt Ion:142 Resp: 2550924

Ion Ratio Lower Upper

142 100

141 88.3 70.9 106.3

115 34.2 28.7 43.1



#38

1-Methylnaphthalene

Concen: 38.036 ng

RT: 12.028 min Scan# 1554

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

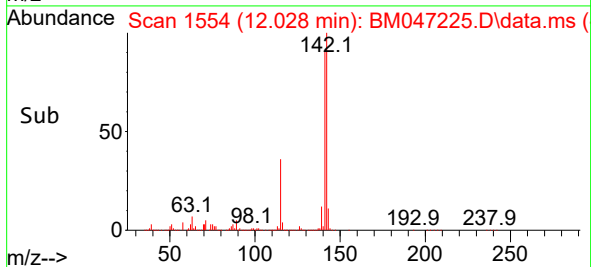
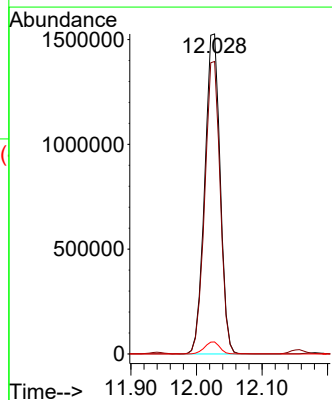
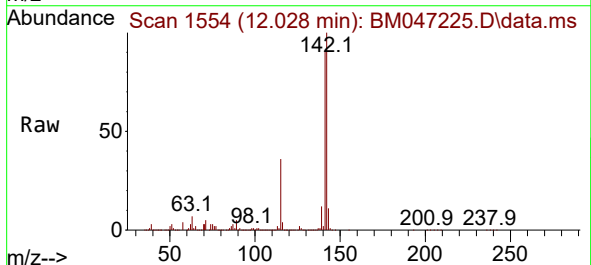
Tgt Ion:142 Resp: 2494030

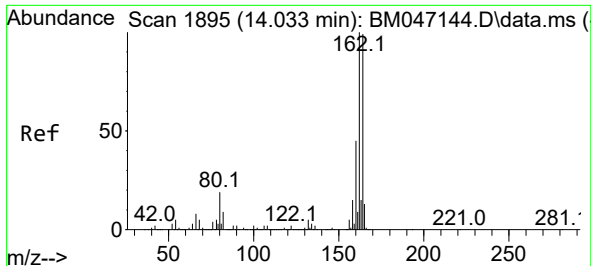
Ion Ratio Lower Upper

142 100

141 91.4 74.6 111.8

116 3.7 3.1 4.7

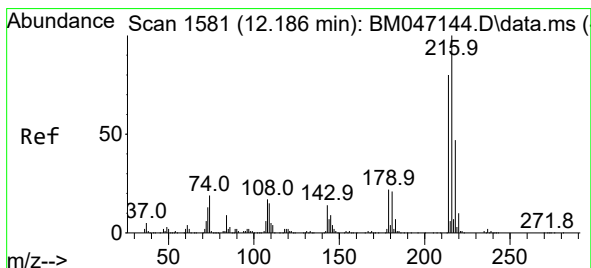
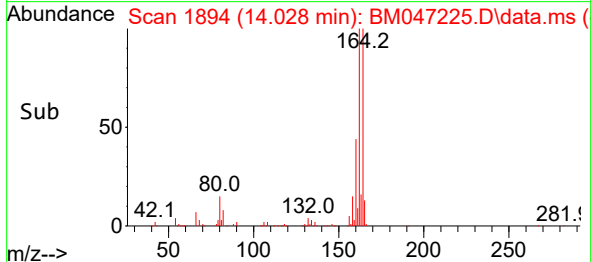
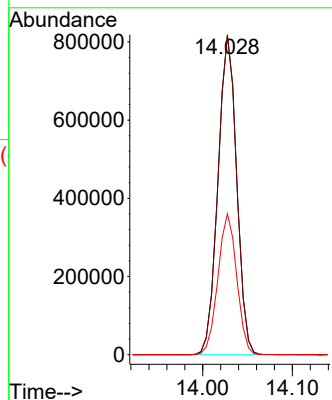
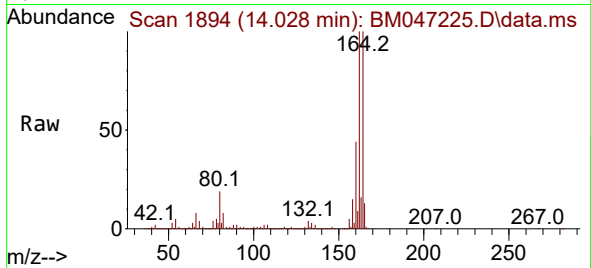




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

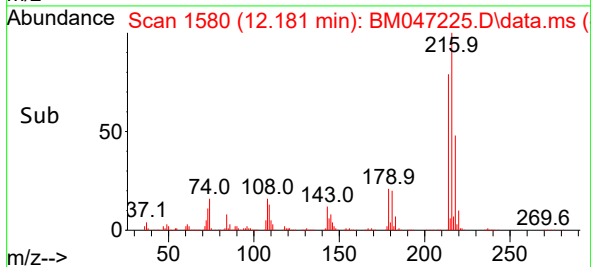
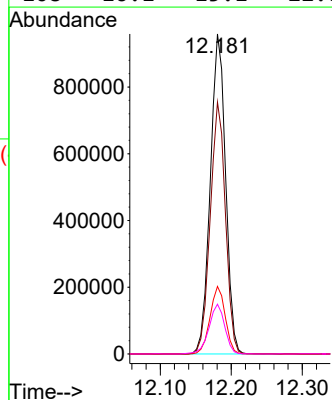
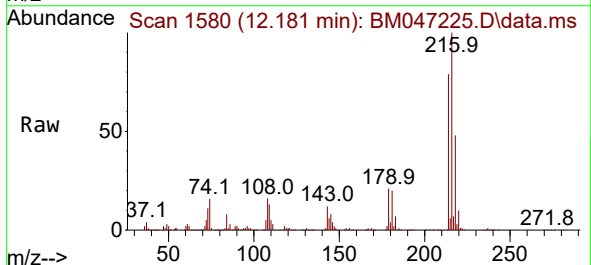
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

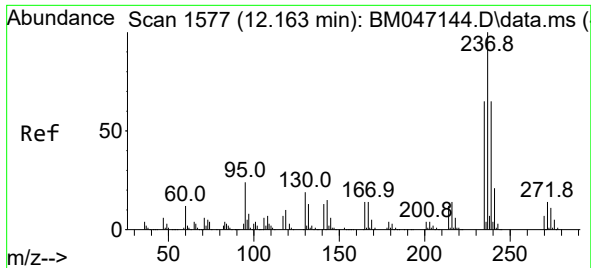
Tgt Ion:164 Resp: 1178977
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 44.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.570 ng
RT: 12.181 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:216 Resp: 1433228
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 21.0 17.6 26.4
108 16.1 15.1 22.7

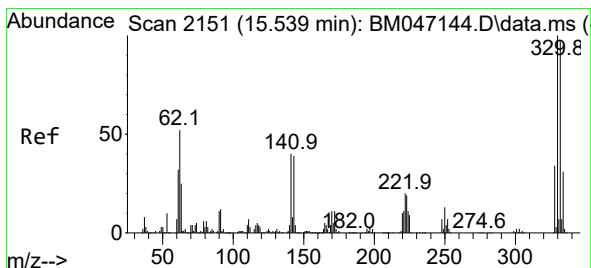
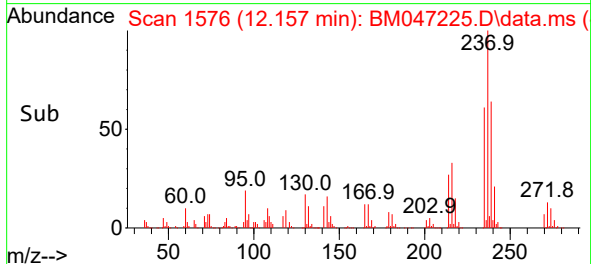
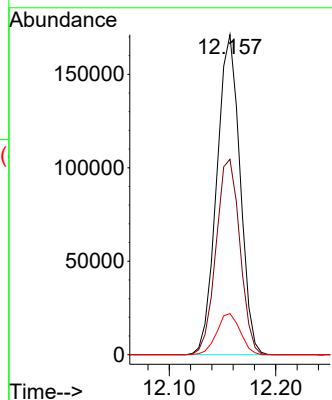
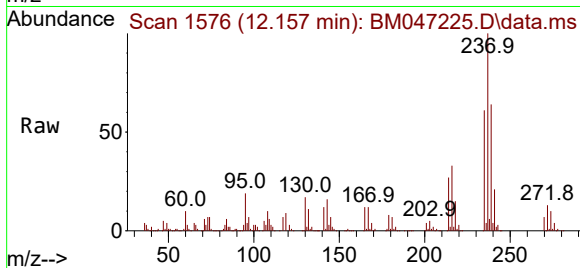




#41
Hexachlorocyclopentadiene
Concen: 23.099 ng
RT: 12.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

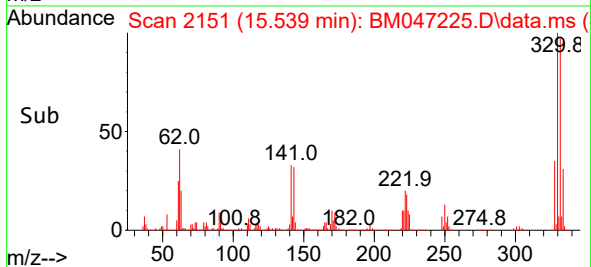
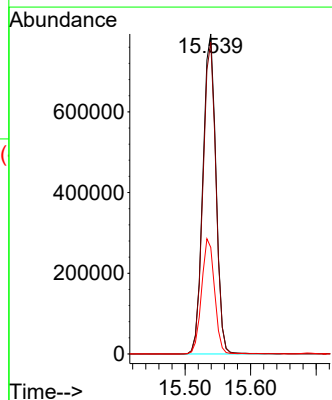
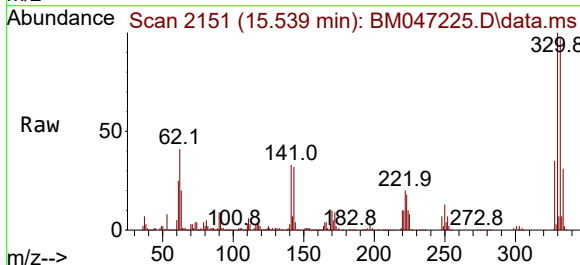
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

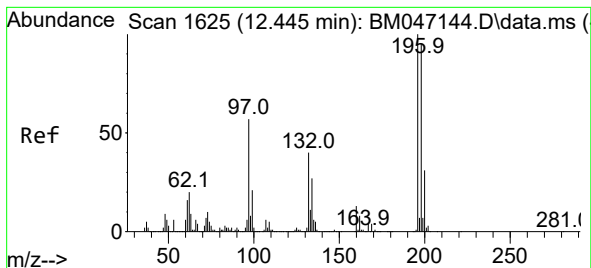
Tgt Ion:237 Resp: 259378
Ion Ratio Lower Upper
237 100
235 61.1 44.8 84.8
272 12.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 80.451 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:330 Resp: 1099806
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 35.9 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 43.139 ng

RT: 12.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

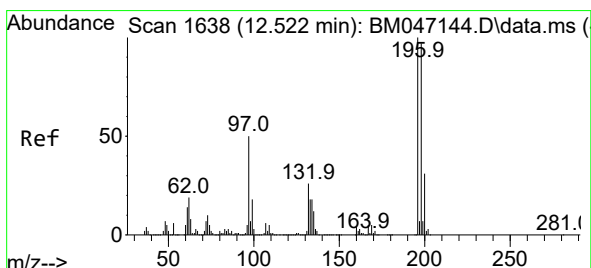
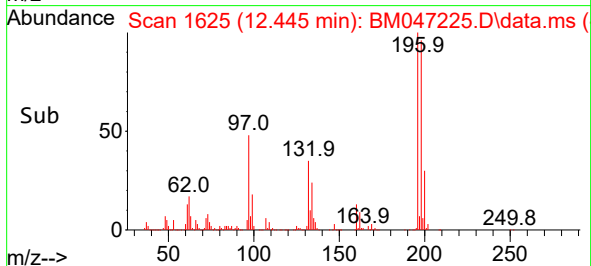
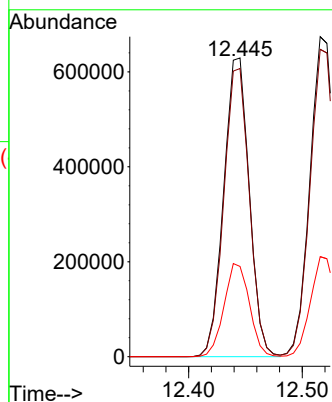
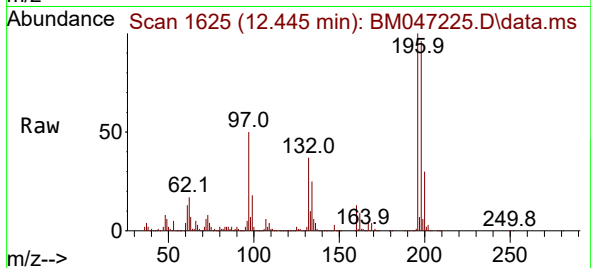
Tgt Ion:196 Resp: 985990

Ion Ratio Lower Upper

196 100

198 96.4 75.6 113.4

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.791 ng

RT: 12.516 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Tgt Ion:196 Resp: 1085916

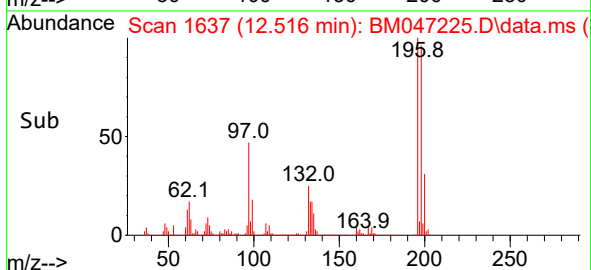
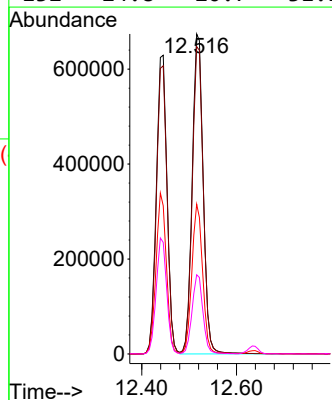
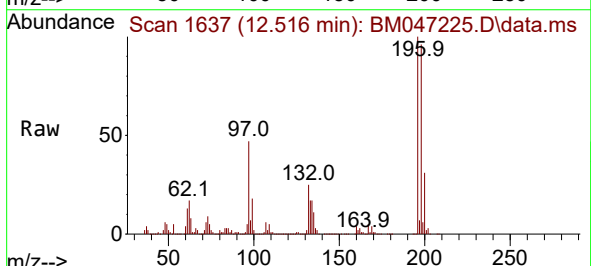
Ion Ratio Lower Upper

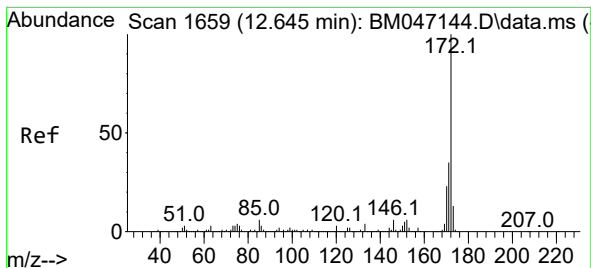
196 100

198 96.1 77.7 116.5

97 46.8 39.8 59.8

132 24.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 80.326 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

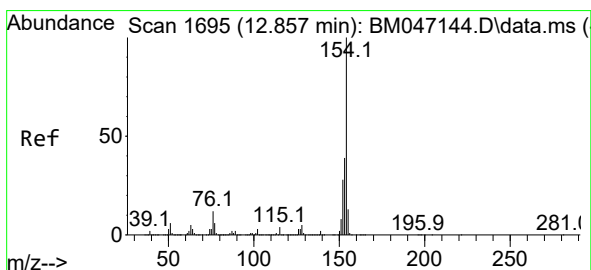
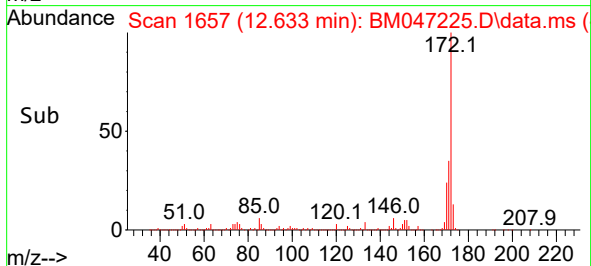
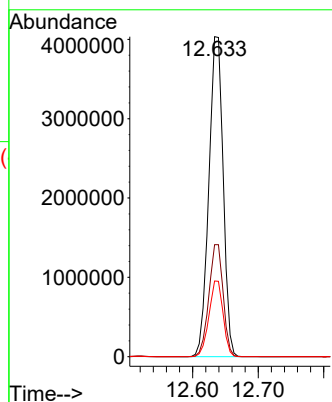
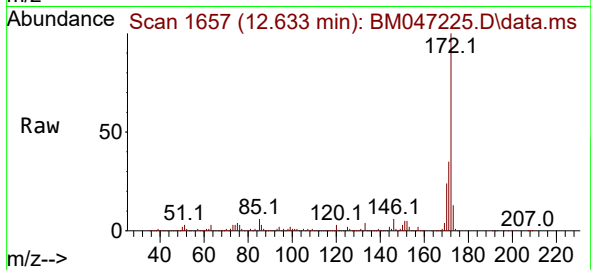
Tgt Ion:172 Resp: 6139450

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 38.992 ng

RT: 12.851 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

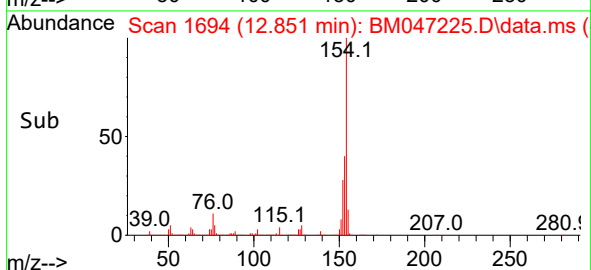
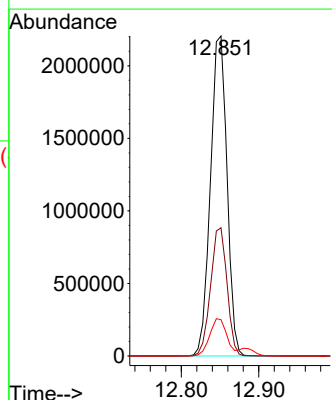
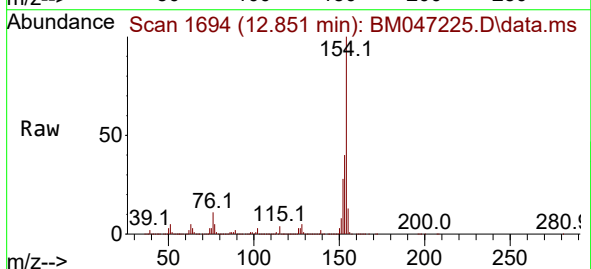
Tgt Ion:154 Resp: 3272721

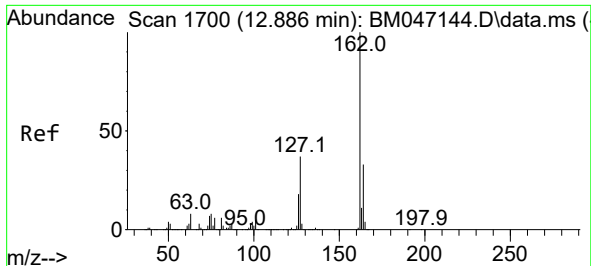
Ion Ratio Lower Upper

154 100

153 40.1 19.0 59.0

76 11.4 0.0 31.9

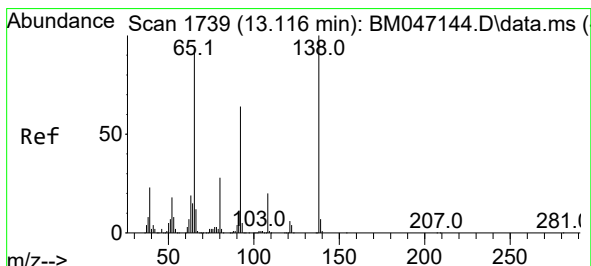
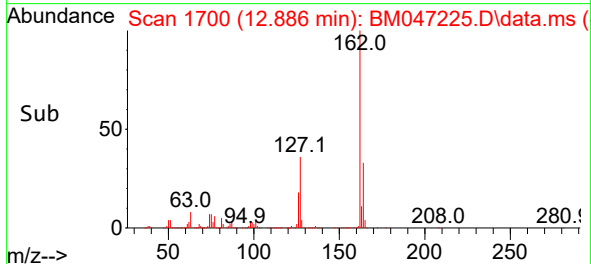
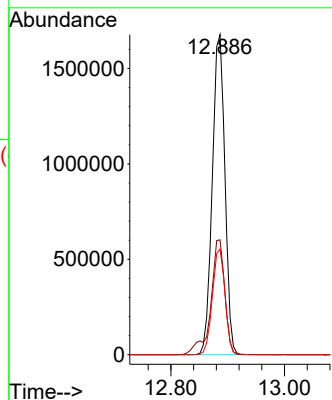
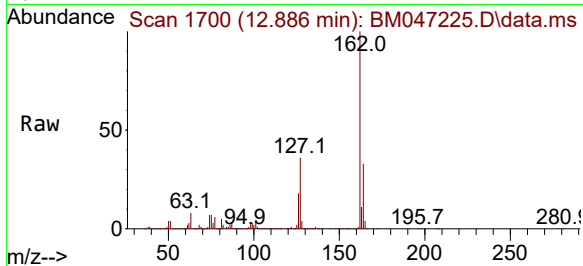




#47
2-Chloronaphthalene
Concen: 39.240 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

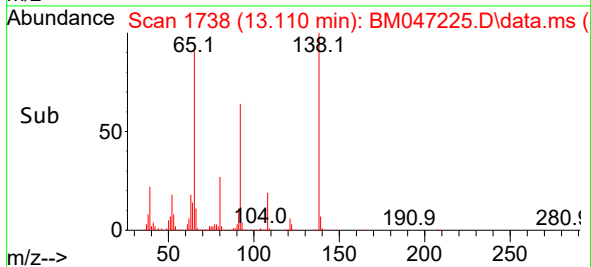
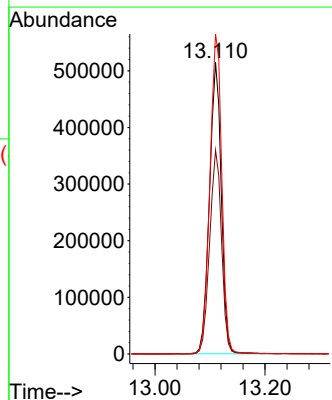
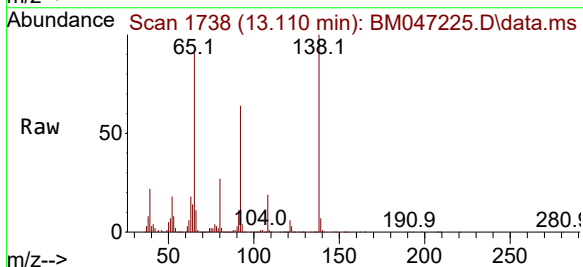
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

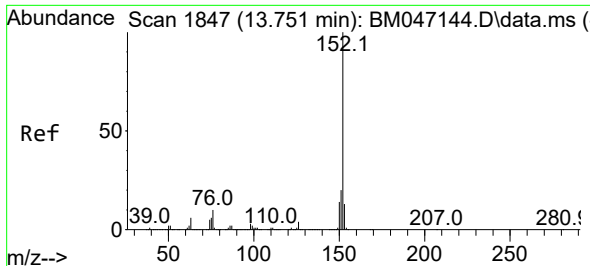
Tgt Ion:162 Resp: 2574267
Ion Ratio Lower Upper
162 100
127 35.9 30.0 45.0
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 37.489 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion: 65 Resp: 770470
Ion Ratio Lower Upper
65 100
92 69.9 55.1 82.7
138 109.8 85.9 128.9

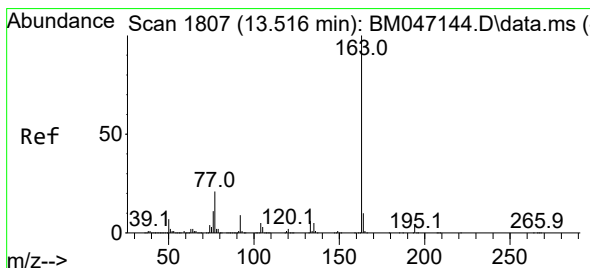
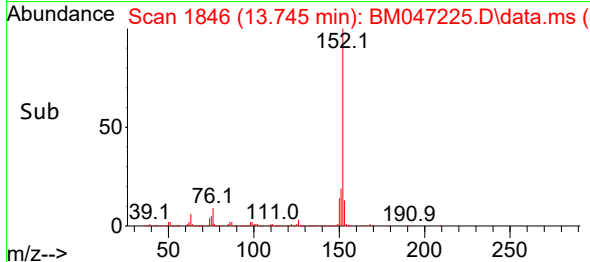
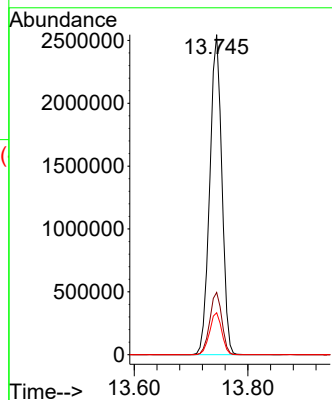
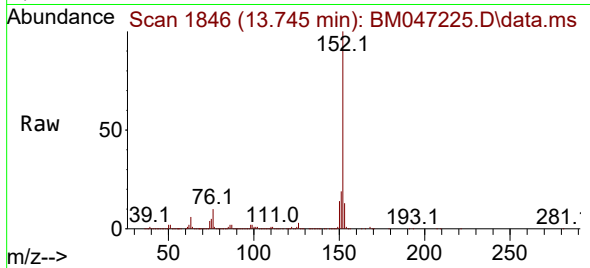




#49
Acenaphthylene
Concen: 38.635 ng
RT: 13.745 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

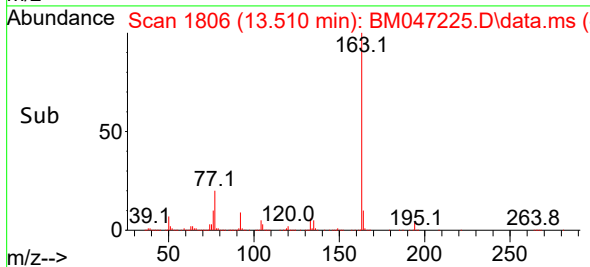
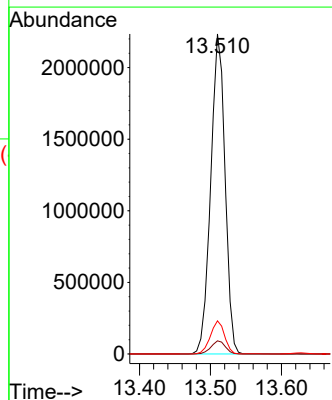
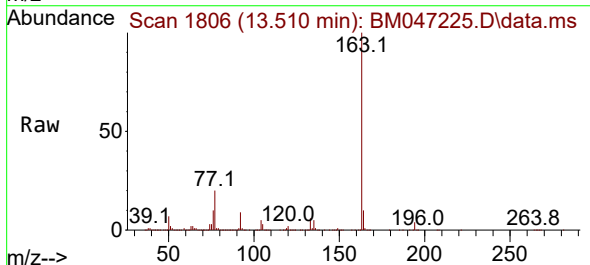
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

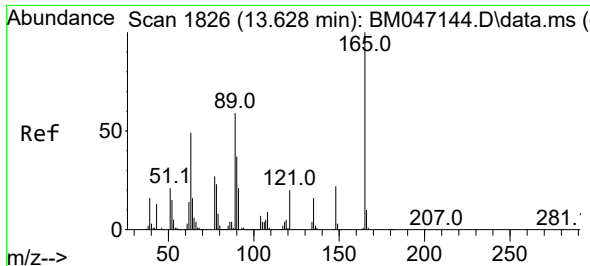
Tgt Ion:152 Resp: 3736039
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 38.057 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:163 Resp: 3133613
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 39.427 ng

RT: 13.628 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

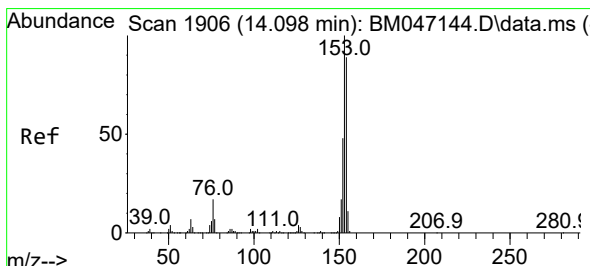
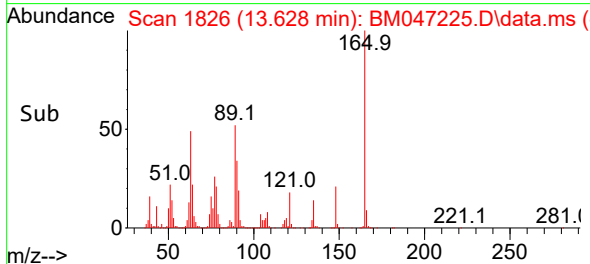
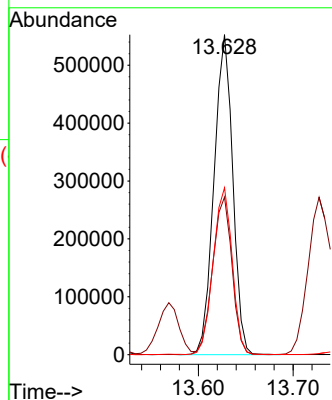
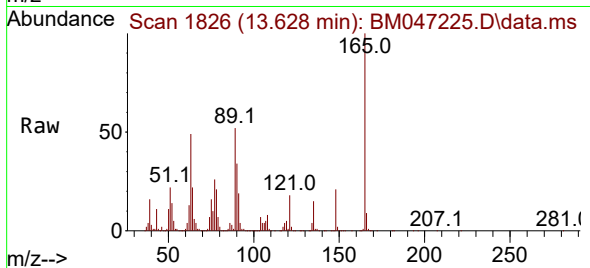
Tgt Ion:165 Resp: 758896

Ion Ratio Lower Upper

165 100

63 49.2 46.5 69.7

89 52.2 47.3 70.9



#52

Acenaphthene

Concen: 38.501 ng

RT: 14.092 min Scan# 1905

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

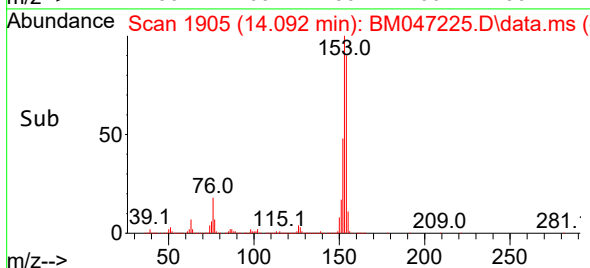
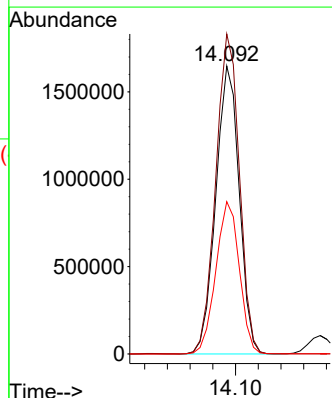
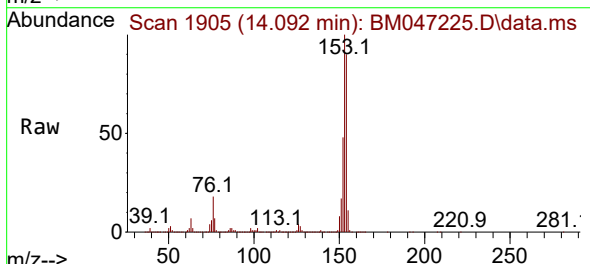
Tgt Ion:154 Resp: 2361643

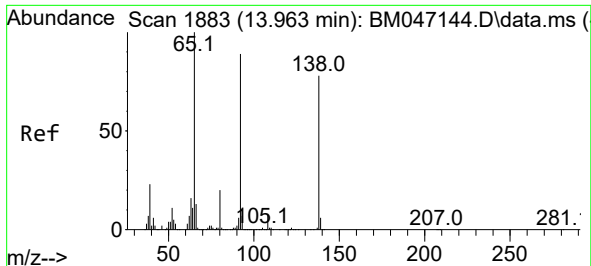
Ion Ratio Lower Upper

154 100

153 111.1 90.3 135.5

152 52.9 42.9 64.3

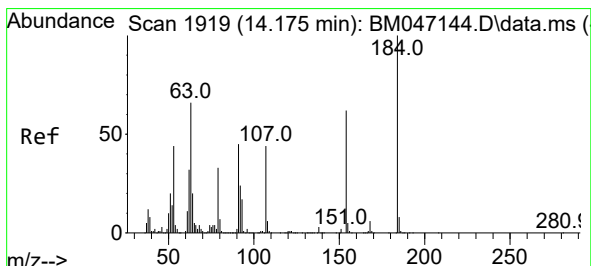
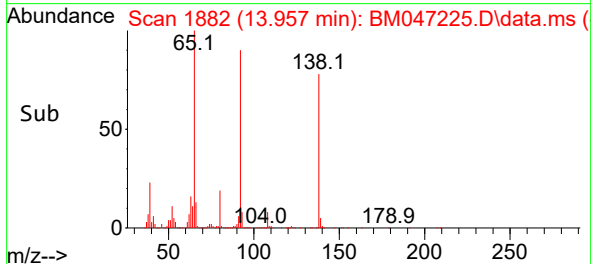
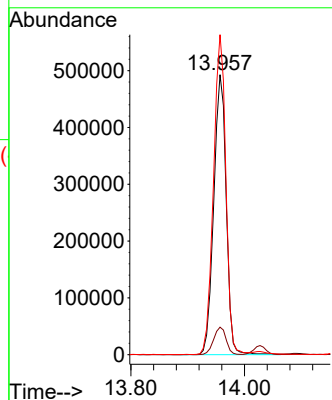
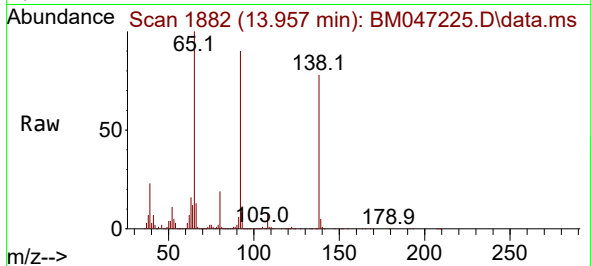




#53
3-Nitroaniline
Concen: 38.769 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

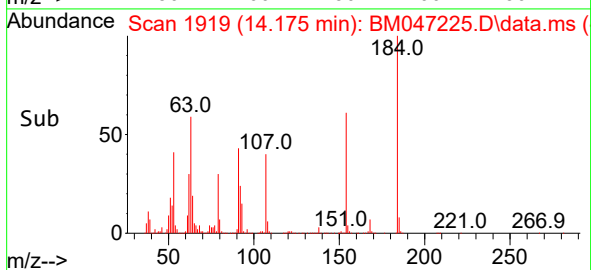
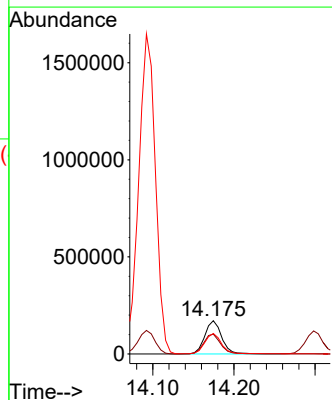
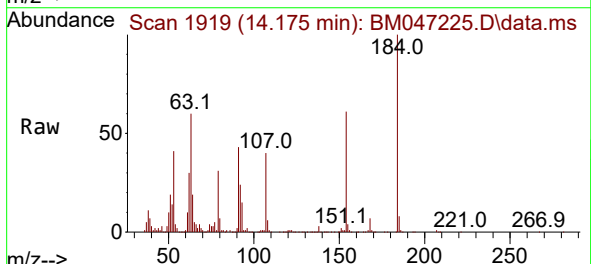
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

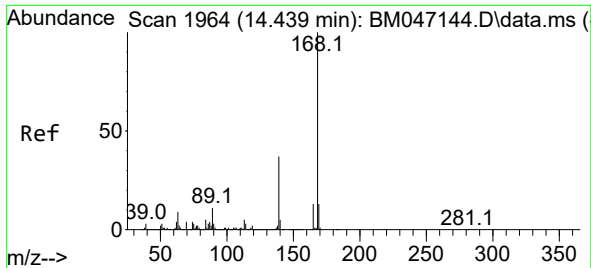
Tgt Ion:138 Resp: 747765
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 114.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 21.386 ng
RT: 14.175 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:184 Resp: 246722
Ion Ratio Lower Upper
184 100
63 59.6 52.7 79.1
154 61.4 50.4 75.6

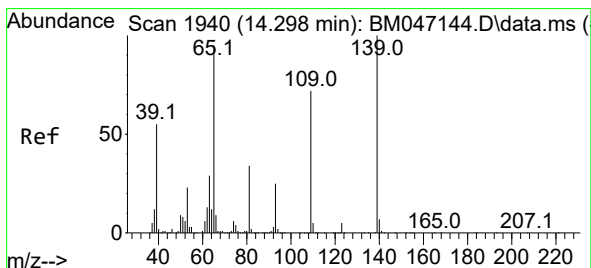
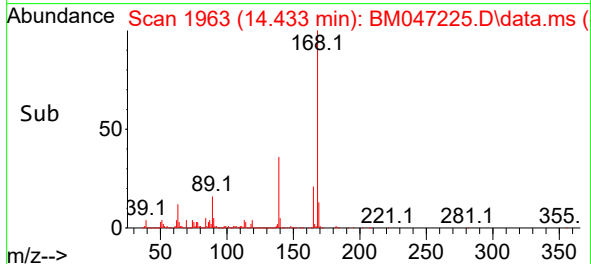
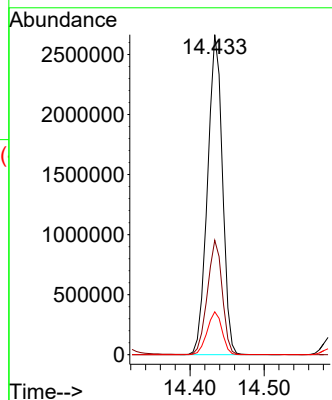
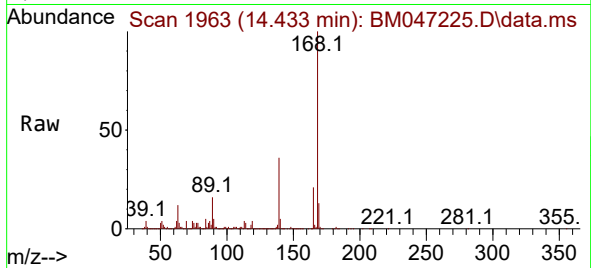




#55
Dibenzenofuran
Concen: 38.398 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

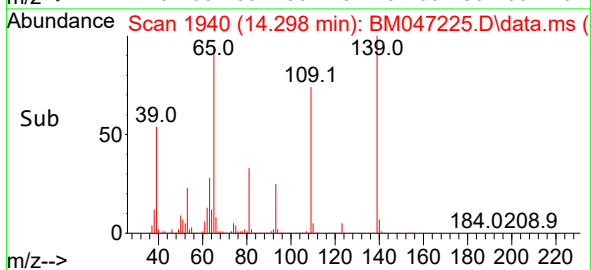
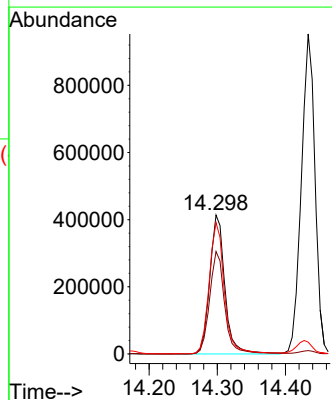
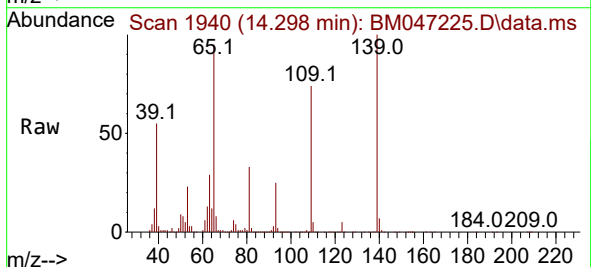
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

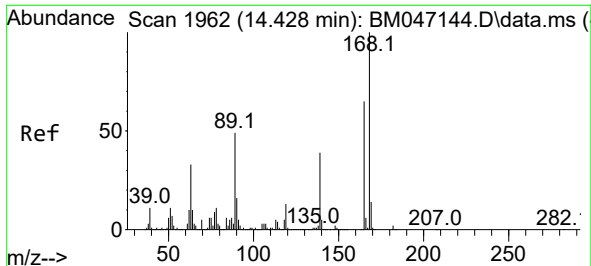
Tgt Ion:168 Resp: 3720316
Ion Ratio Lower Upper
168 100
139 35.8 29.6 44.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 38.395 ng
RT: 14.298 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:139 Resp: 638580
Ion Ratio Lower Upper
139 100
109 73.7 52.5 92.5
65 94.6 75.4 115.4





#57

2,4-Dinitrotoluene

Concen: 38.405 ng

RT: 14.427 min Scan# 1962

Delta R.T. -0.000 min

Lab File: BM047225.D

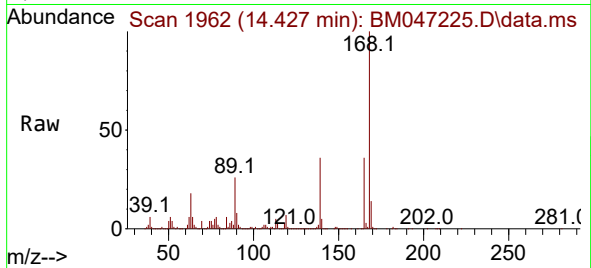
Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:165 Resp: 986702

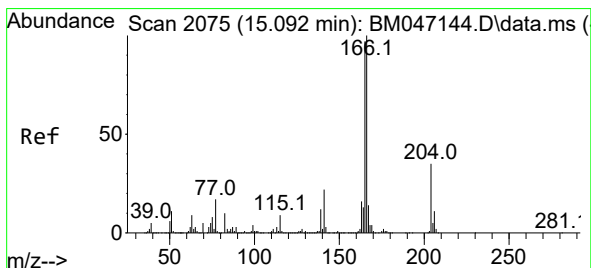
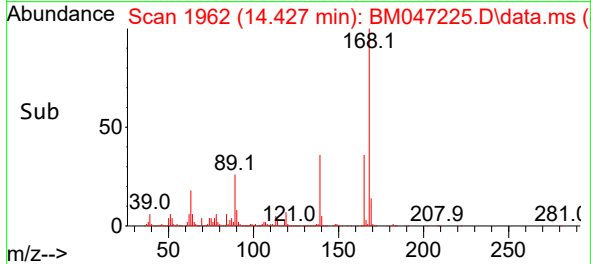
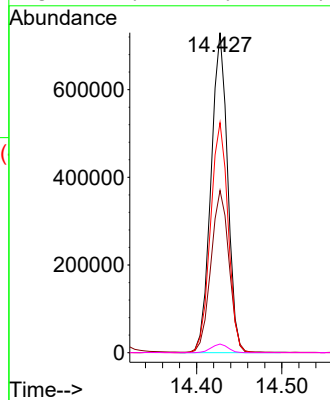
Ion Ratio Lower Upper

165 100

63 50.7 40.3 60.5

89 71.9 61.0 91.6

182 2.7 1.9 2.9



#58

Fluorene

Concen: 37.735 ng

RT: 15.086 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

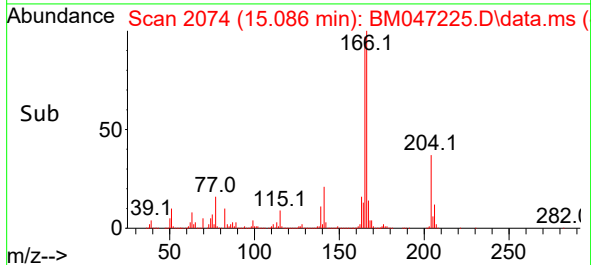
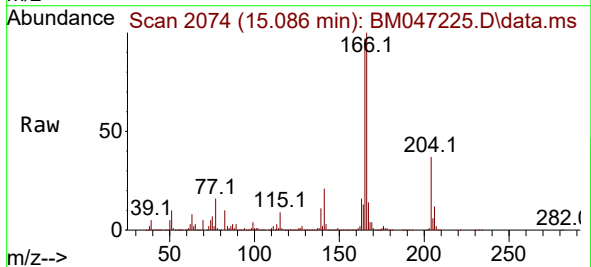
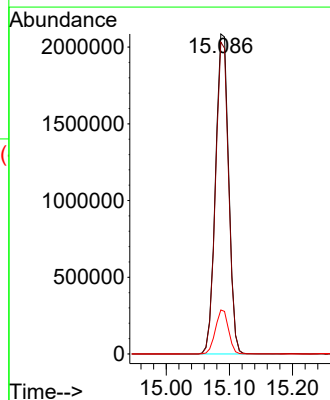
Tgt Ion:166 Resp: 3016667

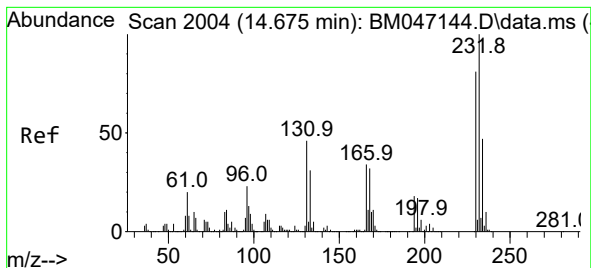
Ion Ratio Lower Upper

166 100

165 97.5 77.4 116.0

167 13.8 11.0 16.6

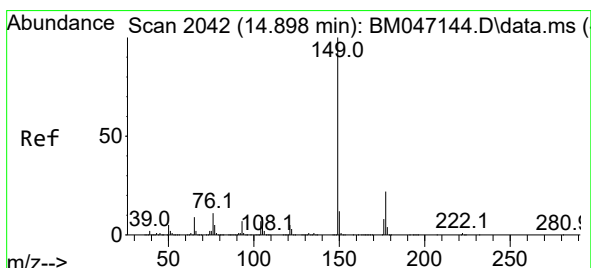
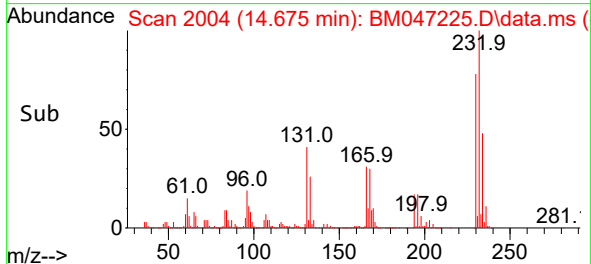
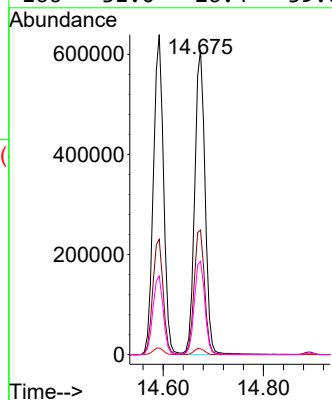
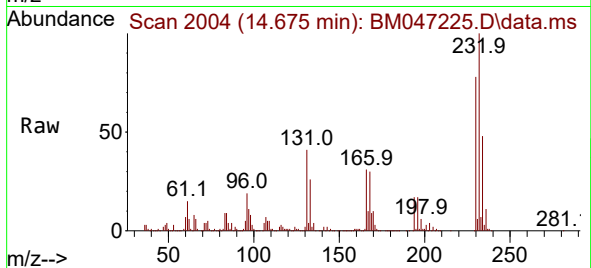




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.691 ng
RT: 14.675 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

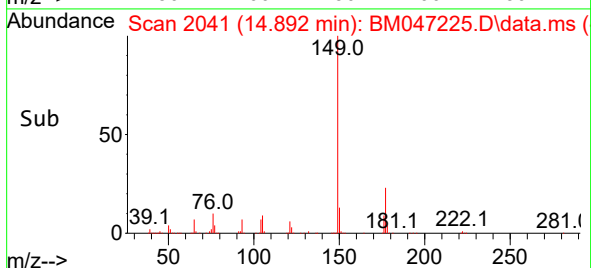
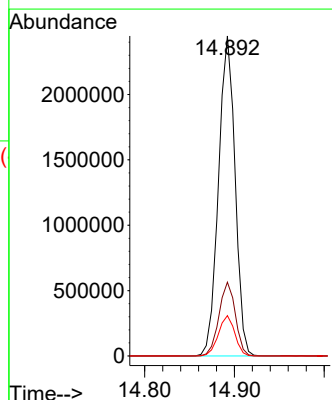
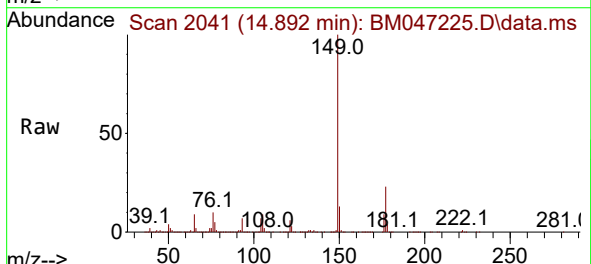
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

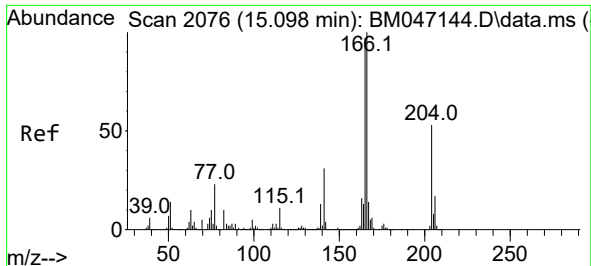
Tgt Ion:232 Resp: 869528
Ion Ratio Lower Upper
232 100
131 42.0 36.9 55.3
130 2.1 2.0 3.0
166 31.0 26.4 39.6



#60
Diethylphthalate
Concen: 37.338 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:149 Resp: 3139562
Ion Ratio Lower Upper
149 100
177 23.1 17.6 26.4
150 12.6 9.8 14.6

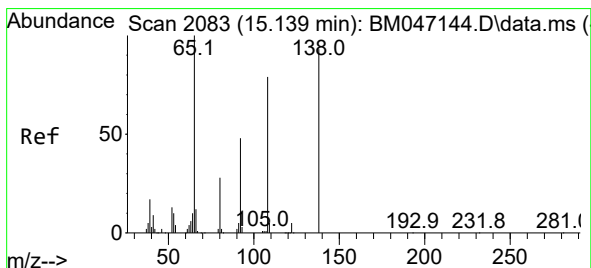
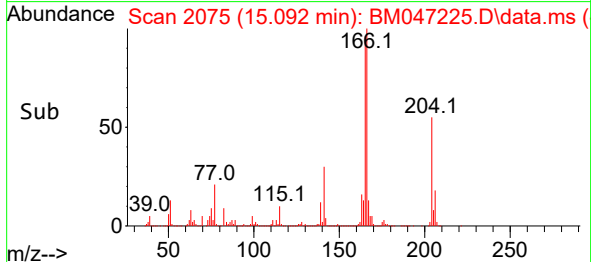
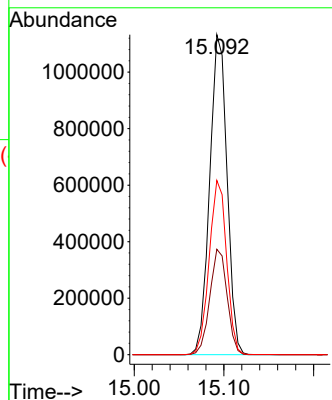
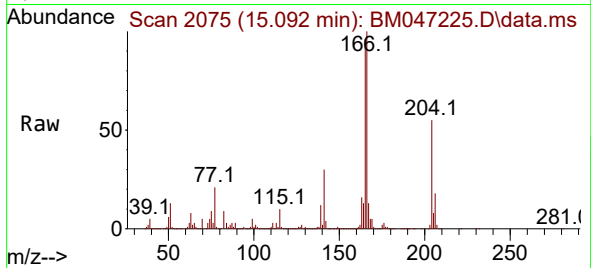




#61
4-Chlorophenyl-phenylether
Concen: 39.903 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

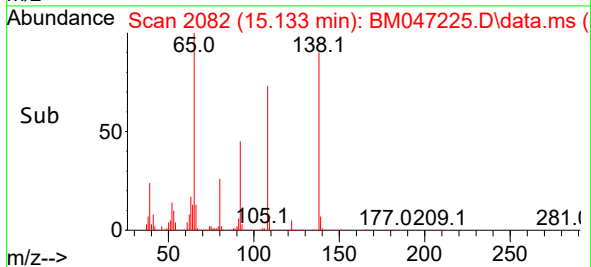
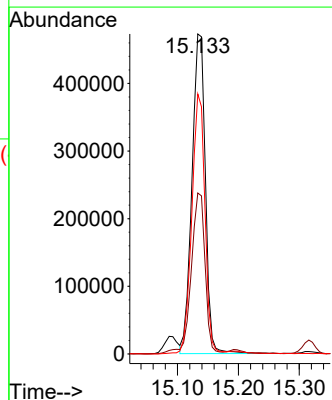
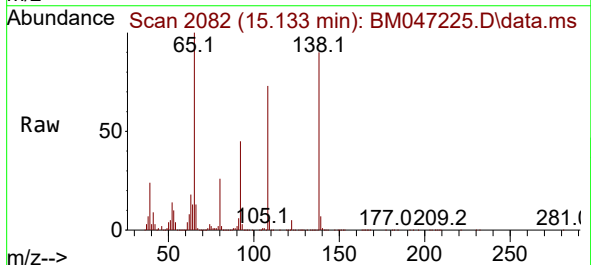
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

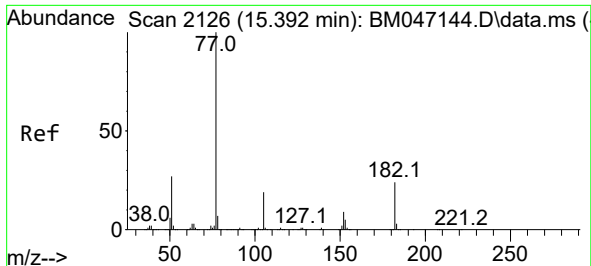
Tgt Ion:204 Resp: 1518688
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 54.5 47.2 70.8



#62
4-Nitroaniline
Concen: 38.065 ng
RT: 15.133 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:138 Resp: 723296
Ion Ratio Lower Upper
138 100
92 50.3 31.9 71.9
108 81.2 63.8 103.8

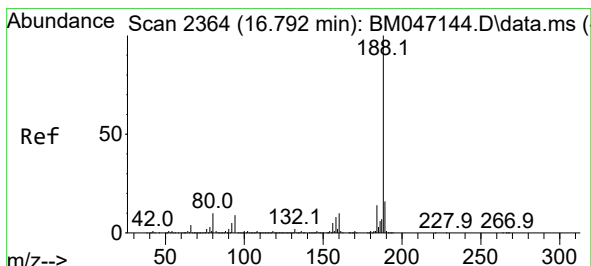
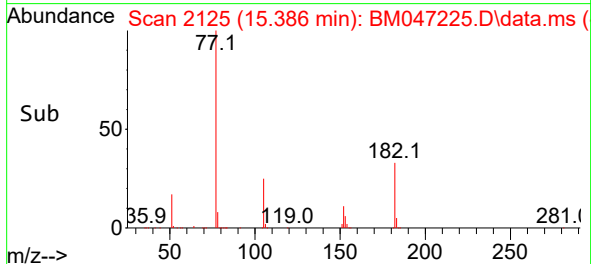
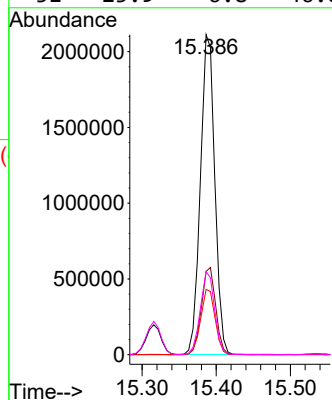
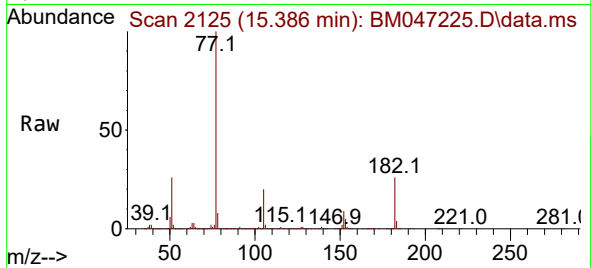




#63
Azobenzene
Concen: 35.830 ng
RT: 15.386 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

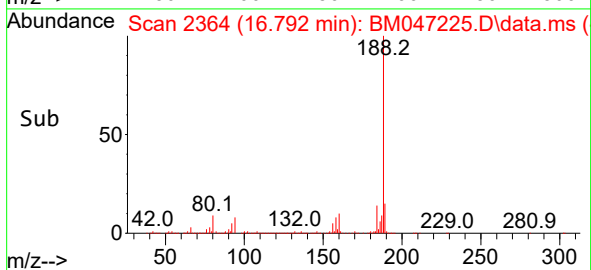
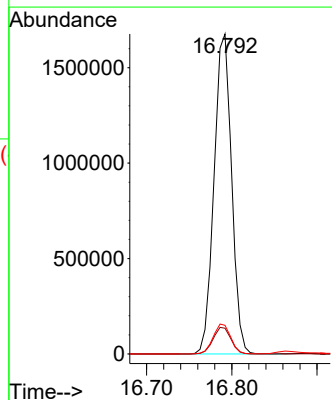
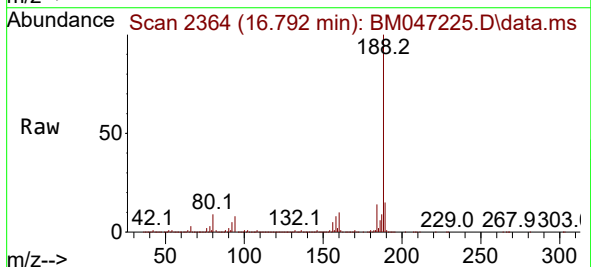
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

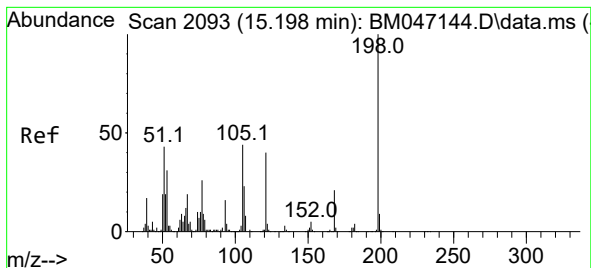
Tgt Ion: 77 Resp: 2856596
Ion Ratio Lower Upper
77 100
182 26.0 3.8 43.8
105 20.4 0.0 39.5
51 25.9 6.8 46.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:188 Resp: 2394128
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.9 8.0 12.0

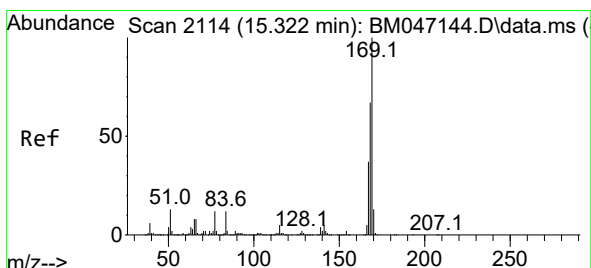
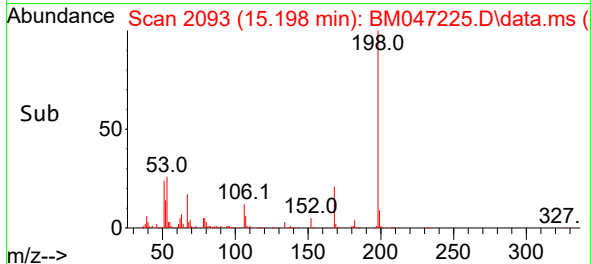
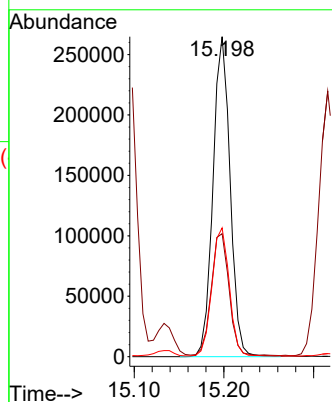
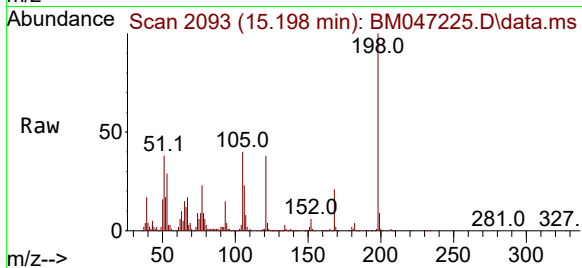




#65
4,6-Dinitro-2-methylphenol
Concen: 25.053 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

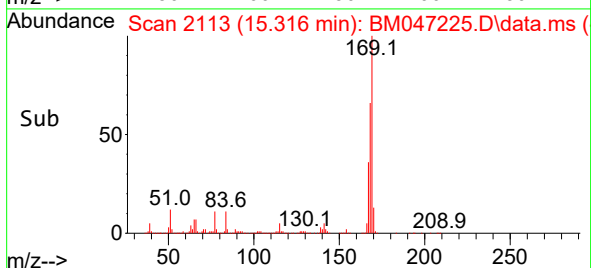
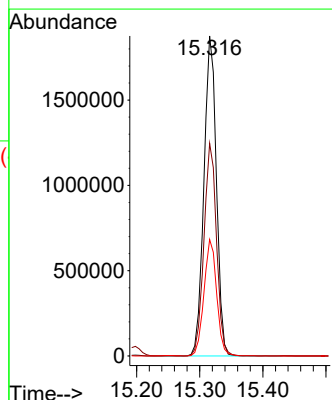
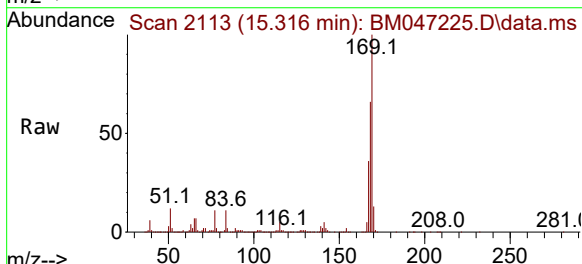
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

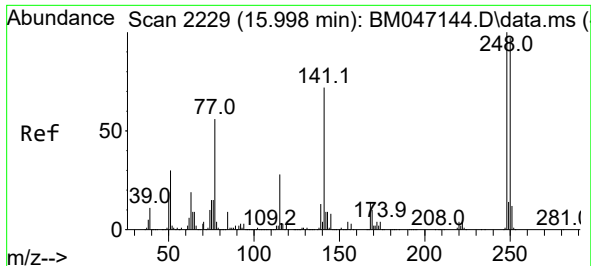
Tgt Ion:198 Resp: 351171
Ion Ratio Lower Upper
198 100
51 38.5 23.9 63.9
105 40.2 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 39.555 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:169 Resp: 2579371
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.4 29.3 43.9

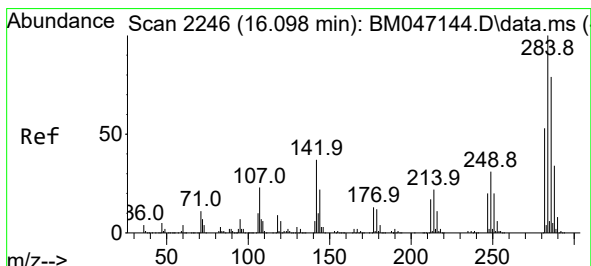
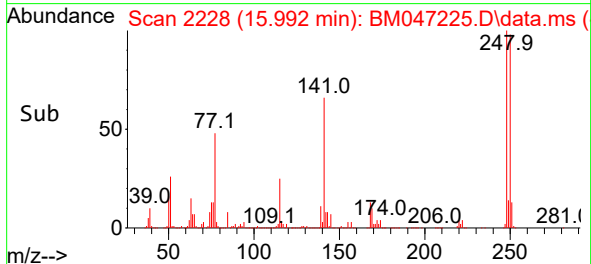
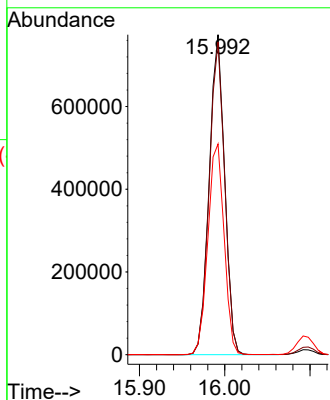
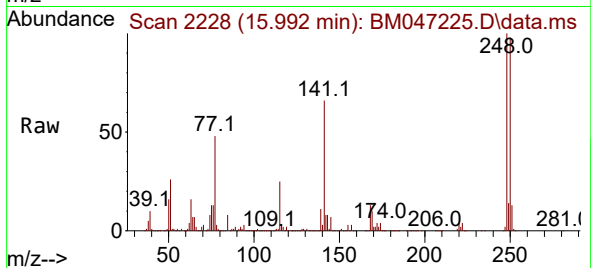




#67
4-Bromophenyl-phenylether
Concen: 42.414 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

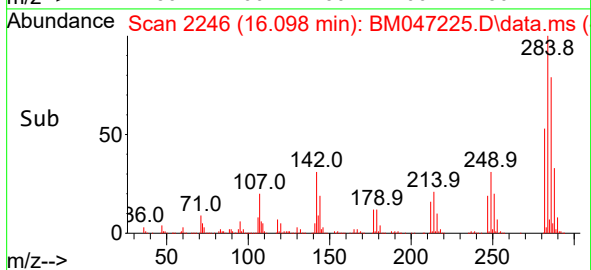
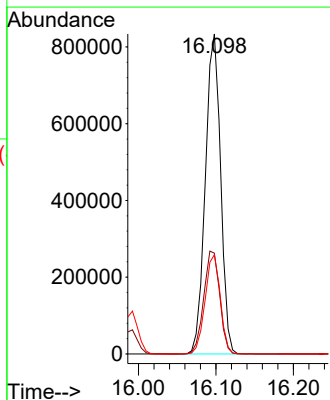
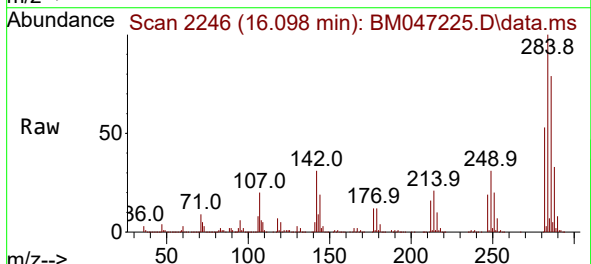
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

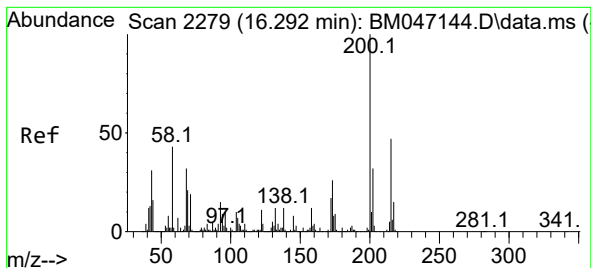
Tgt Ion:248 Resp: 978487
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 65.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 41.202 ng
RT: 16.098 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BM047225.D
Acq: 15 Aug 2024 21:33

Tgt Ion:284 Resp: 1138425
Ion Ratio Lower Upper
284 100
142 31.5 29.4 44.0
249 31.0 25.1 37.7





#69

Atrazine

Concen: 31.846 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

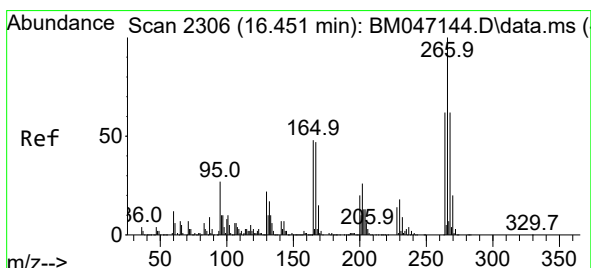
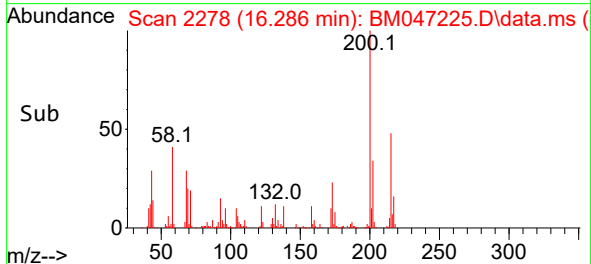
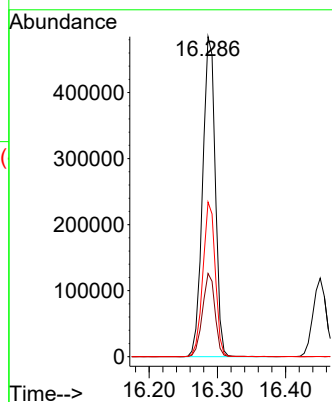
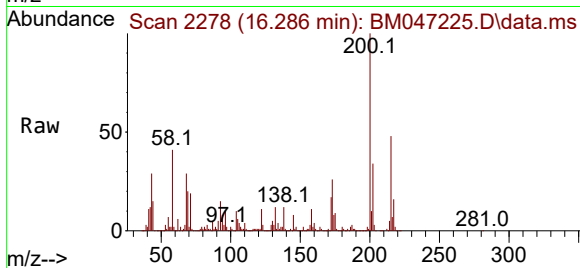
Tgt Ion:200 Resp: 624917

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 48.3 26.8 66.8



#70

Pentachlorophenol

Concen: 42.501 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

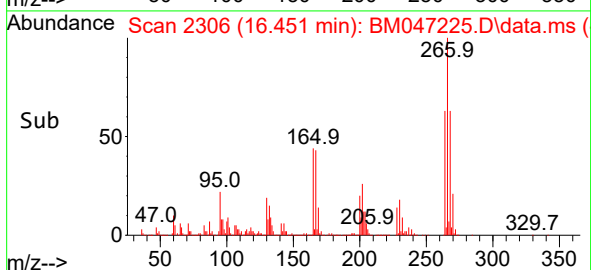
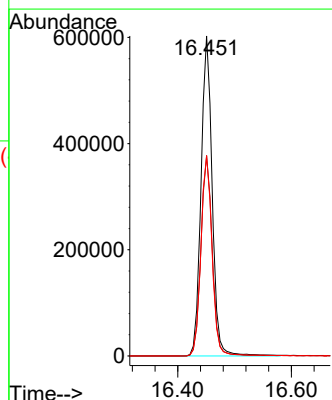
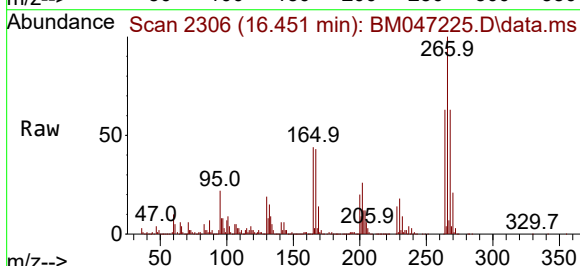
Tgt Ion:266 Resp: 823166

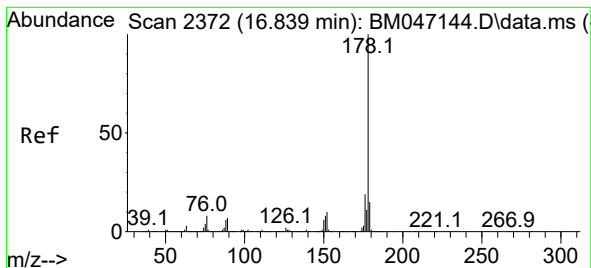
Ion Ratio Lower Upper

266 100

268 62.6 49.8 74.6

264 62.6 49.6 74.4





#71

Phenanthrene

Concen: 38.154 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

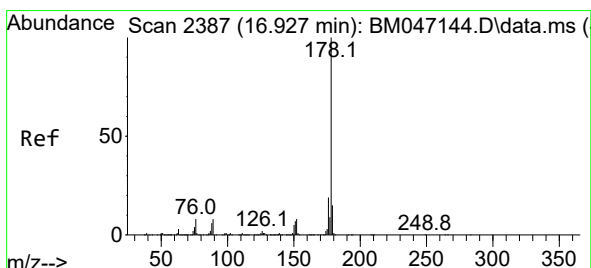
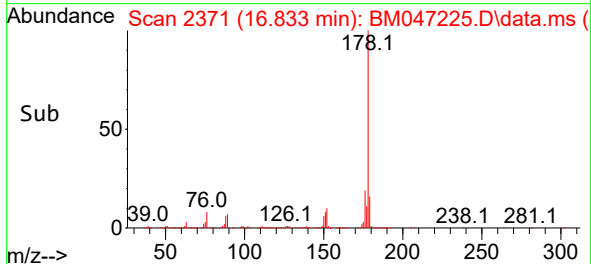
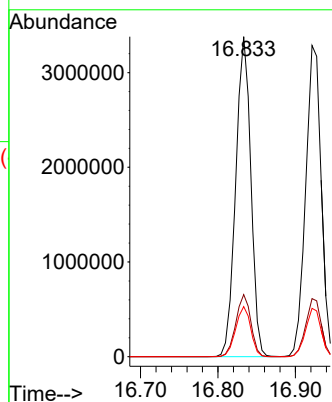
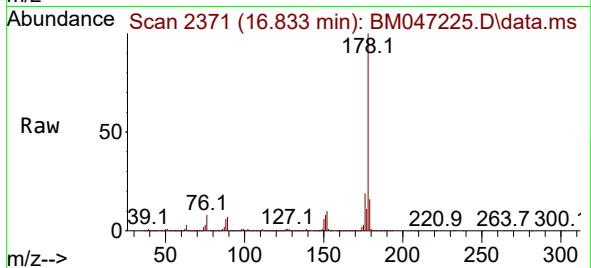
Tgt Ion:178 Resp: 4584320

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.7 12.4 18.6



#72

Anthracene

Concen: 39.274 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

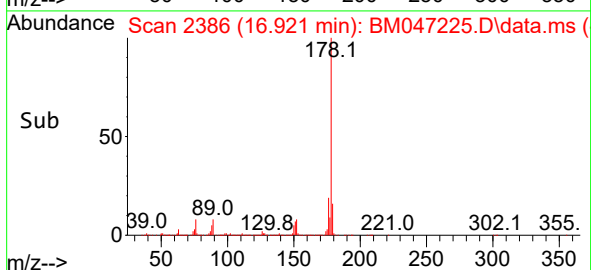
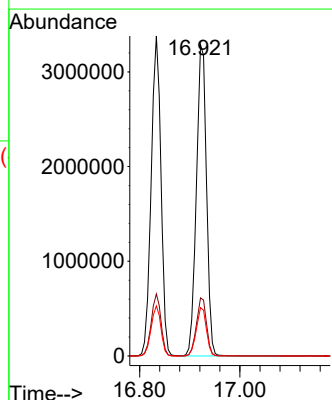
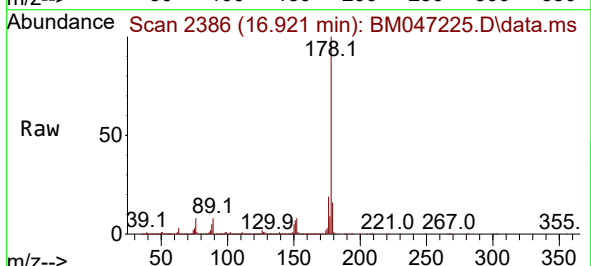
Tgt Ion:178 Resp: 4591535

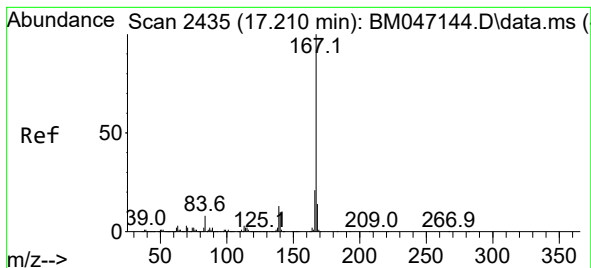
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.5 12.4 18.6





#73

Carbazole

Concen: 37.578 ng

RT: 17.204 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

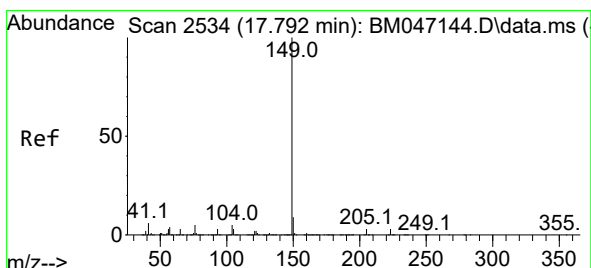
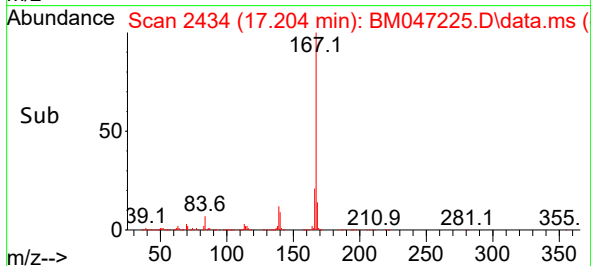
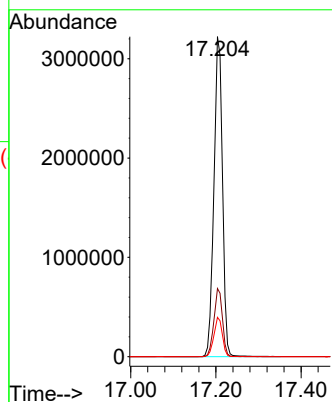
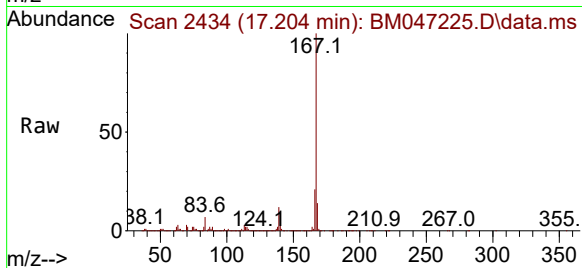
Tgt Ion:167 Resp: 4485605

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 12.3 10.0 15.0



#74

Di-n-butylphthalate

Concen: 38.859 ng

RT: 17.786 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

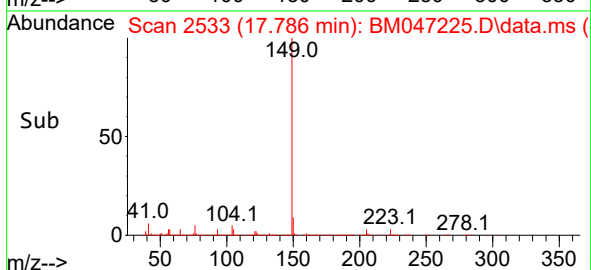
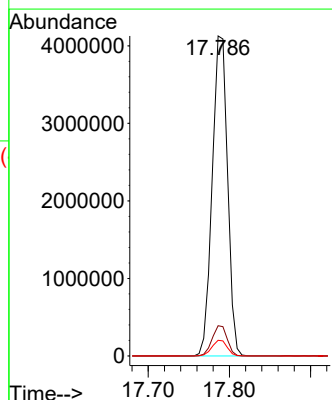
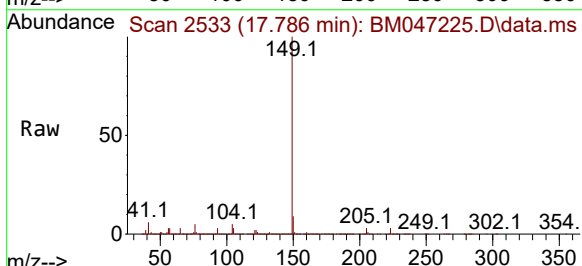
Tgt Ion:149 Resp: 5397231

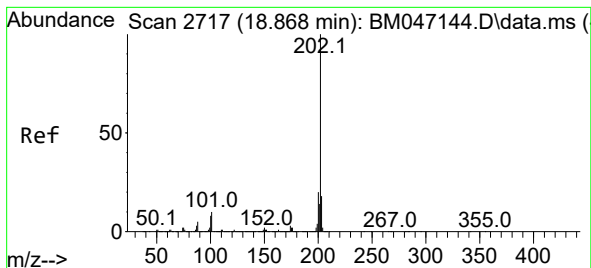
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 38.211 ng

RT: 18.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

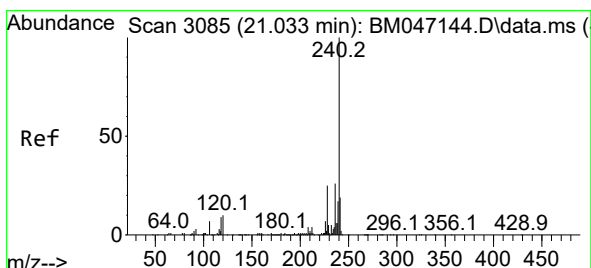
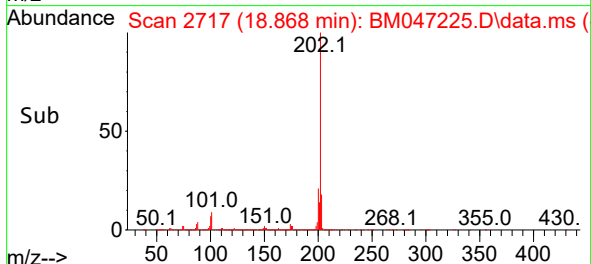
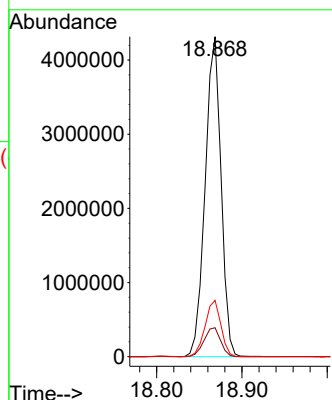
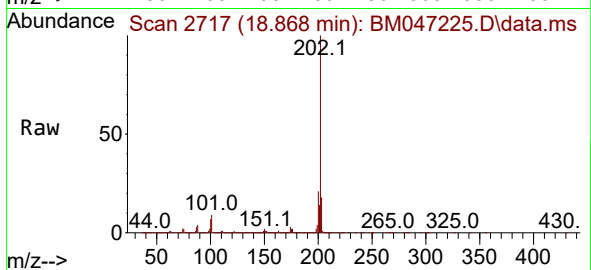
Tgt Ion:202 Resp: 5584280

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.2

203 17.6 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: BM047225.D

Acq: 15 Aug 2024 21:33

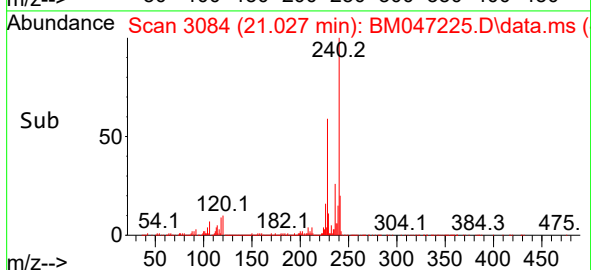
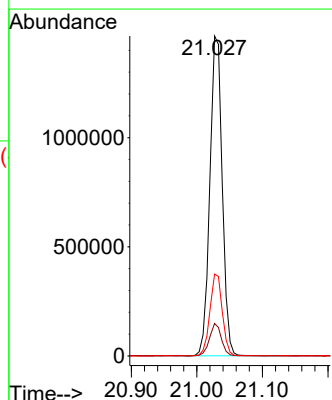
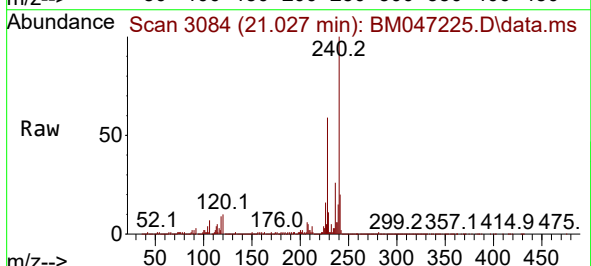
Tgt Ion:240 Resp: 1927603

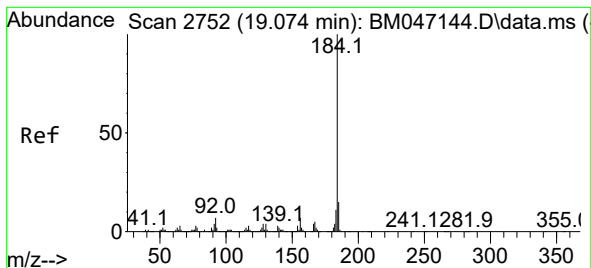
Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 25.6 20.6 30.8





#77

Benzidine

Concen: 71.713 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

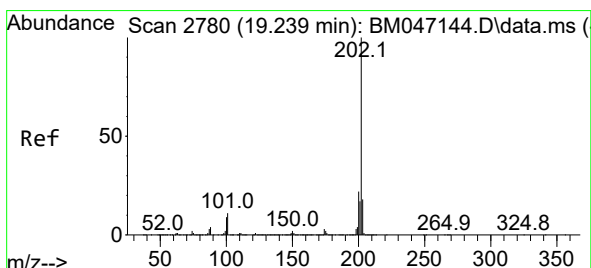
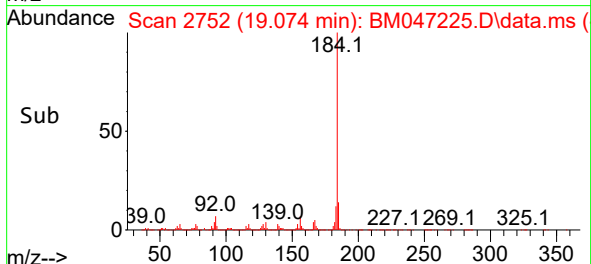
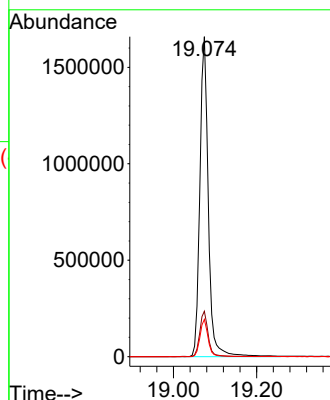
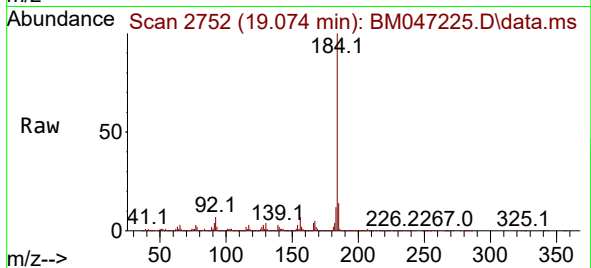
Tgt Ion:184 Resp: 2344229

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

183 11.6 9.0 13.6



#78

Pyrene

Concen: 41.855 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

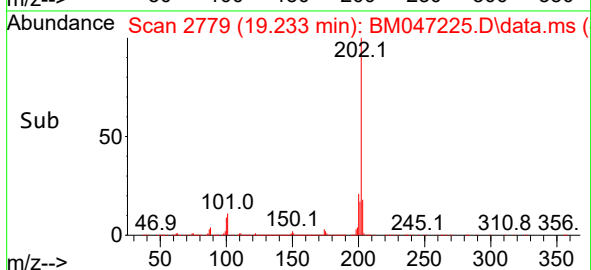
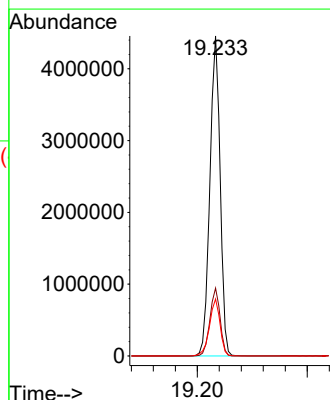
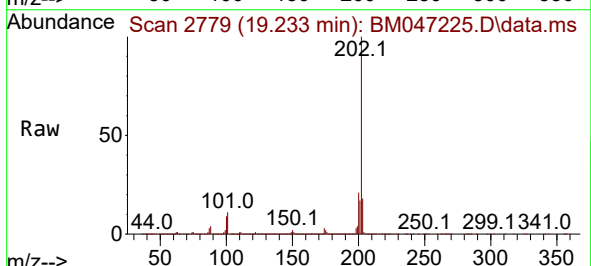
Tgt Ion:202 Resp: 5760711

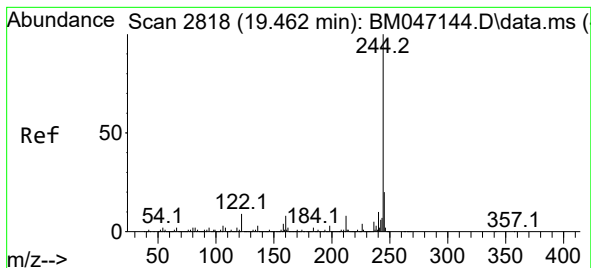
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 84.489 ng

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

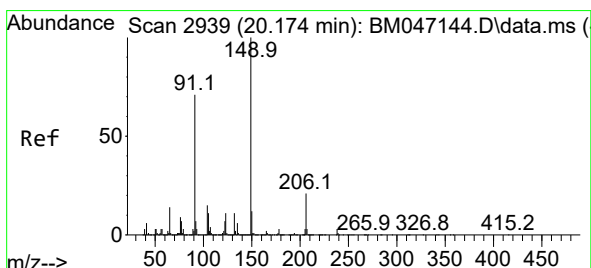
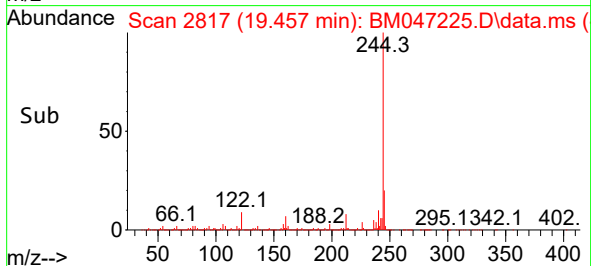
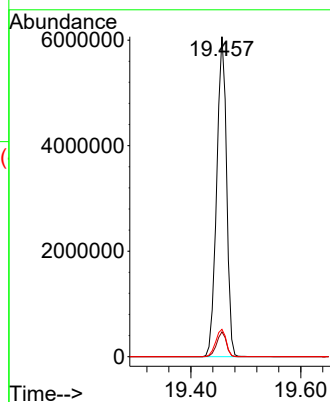
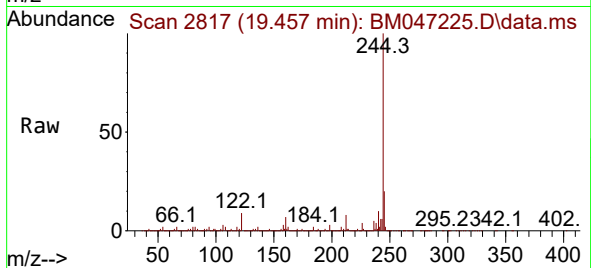
Tgt Ion:244 Resp: 7600497

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 8.5 7.1 10.7



#80

Butylbenzylphthalate

Concen: 43.680 ng

RT: 20.168 min Scan# 2938

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

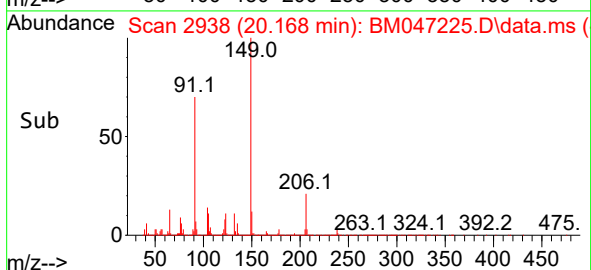
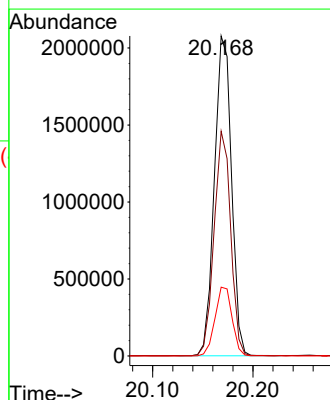
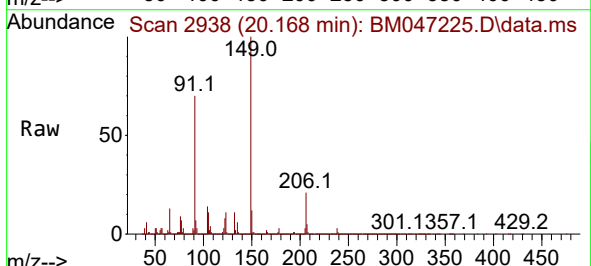
Tgt Ion:149 Resp: 2453501

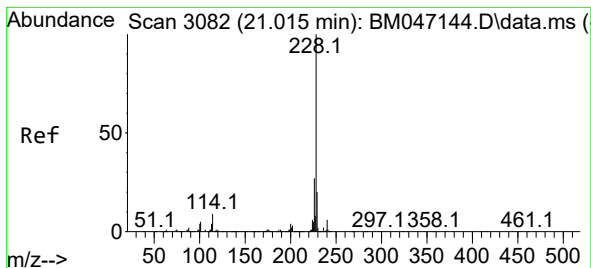
Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.4

206 21.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.315 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

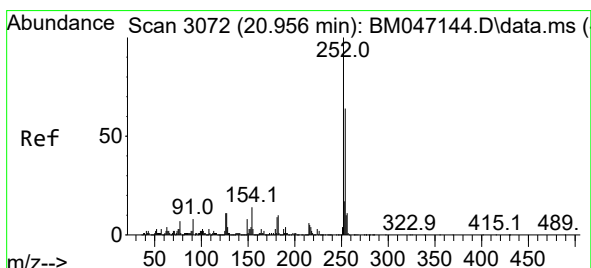
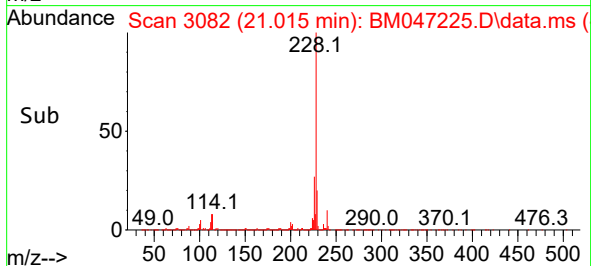
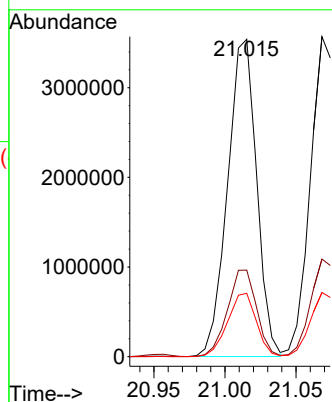
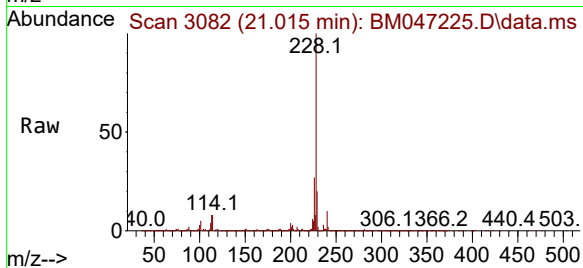
Tgt Ion:228 Resp: 5031024

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.466 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

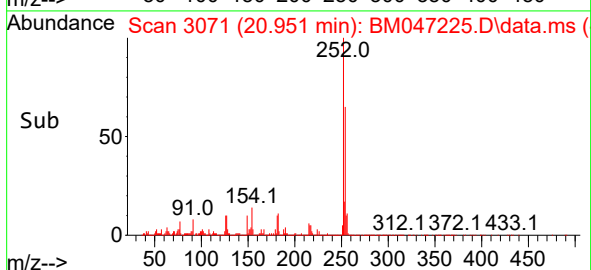
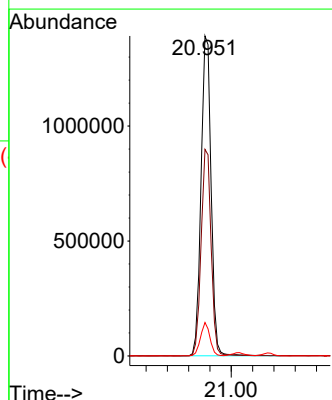
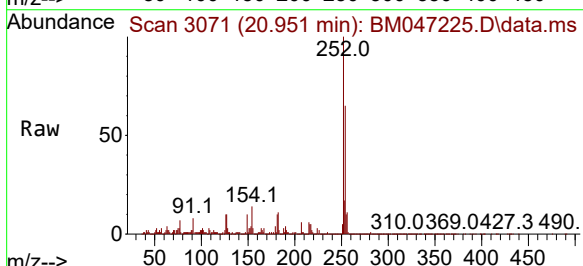
Tgt Ion:252 Resp: 1820351

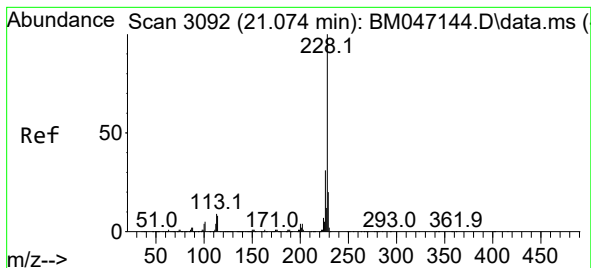
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.6

126 10.4 8.5 12.7





#83

Chrysene

Concen: 38.602 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

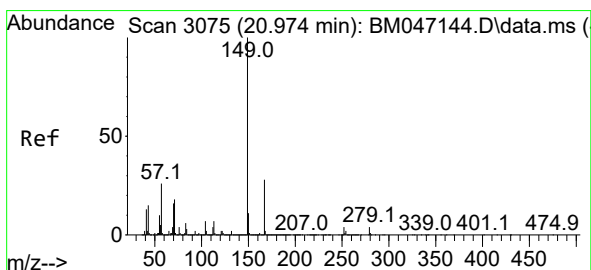
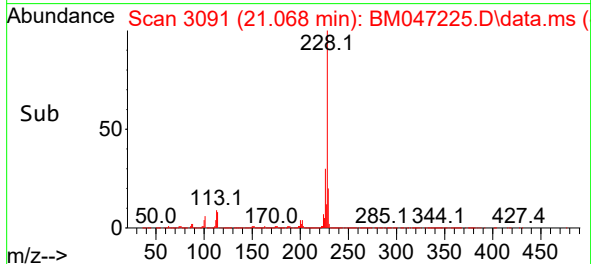
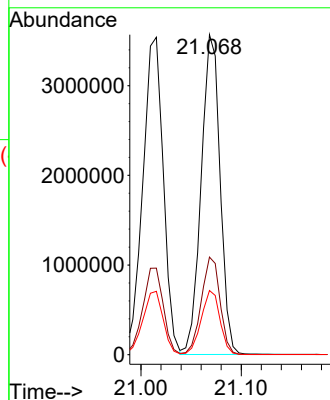
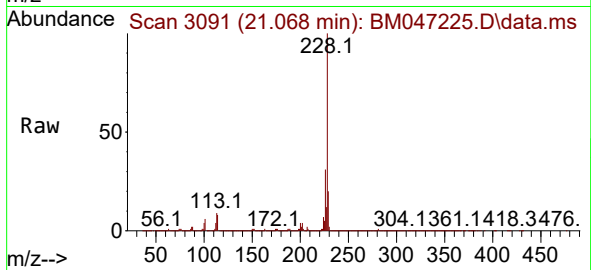
Tgt Ion:228 Resp: 4686626

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.913 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

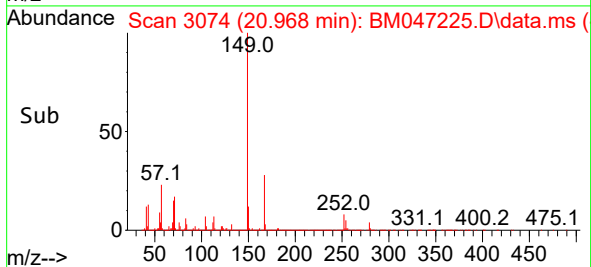
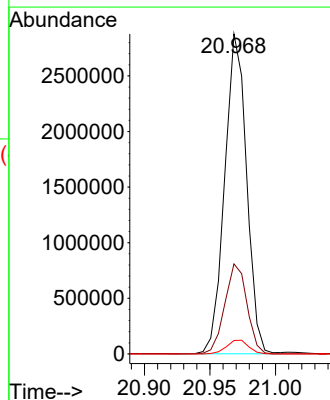
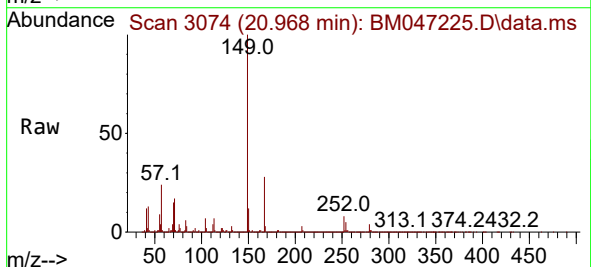
Tgt Ion:149 Resp: 3338704

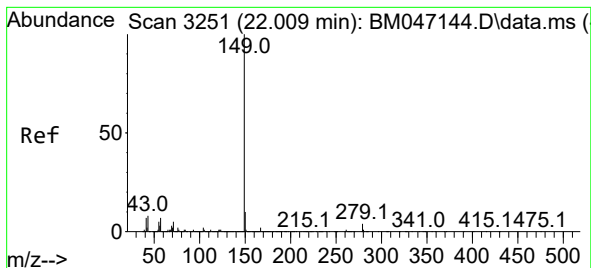
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.192 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

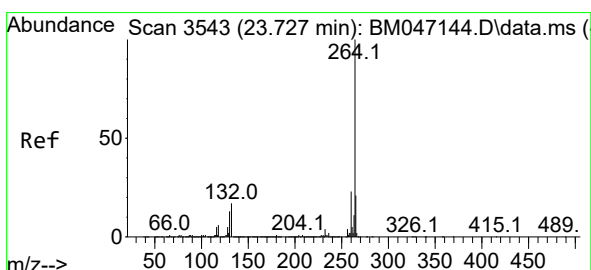
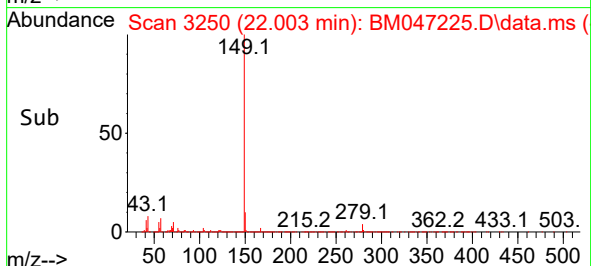
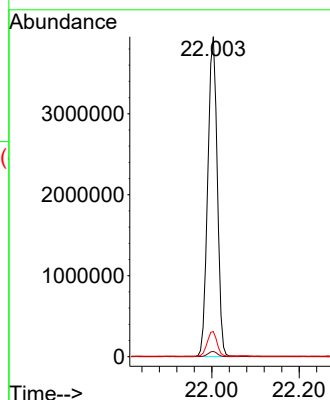
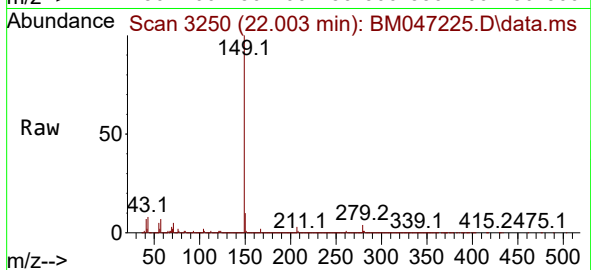
Tgt Ion:149 Resp: 5983430

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3543

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

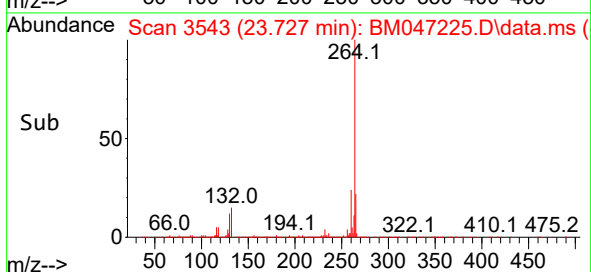
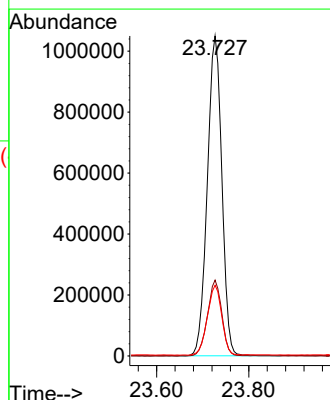
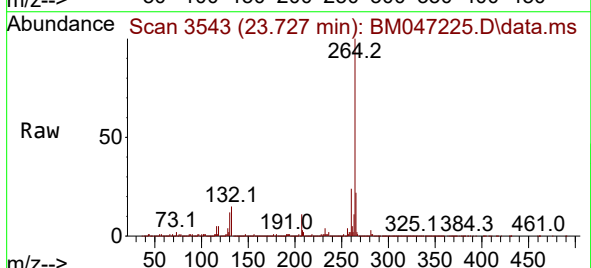
Tgt Ion:264 Resp: 2309693

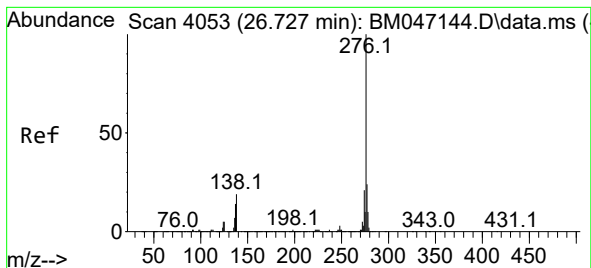
Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.765 ng

RT: 26.733 min Scan# 40

Delta R.T. 0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

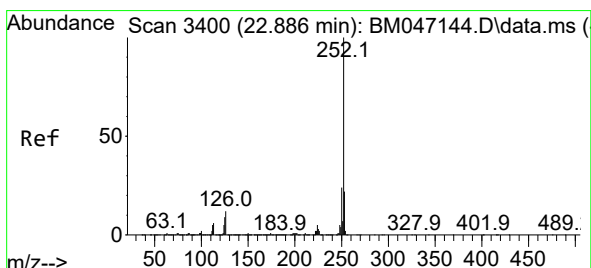
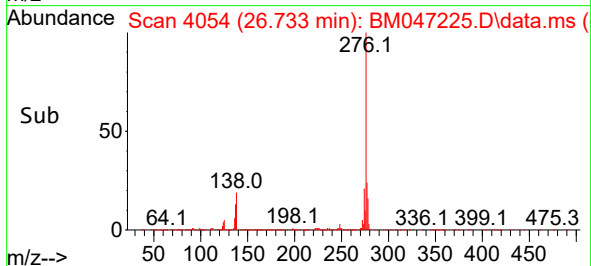
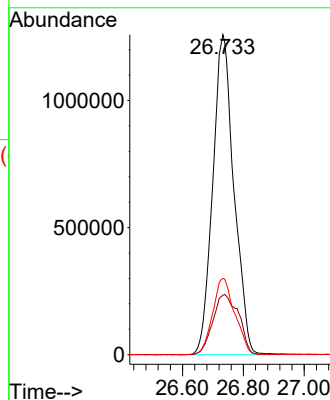
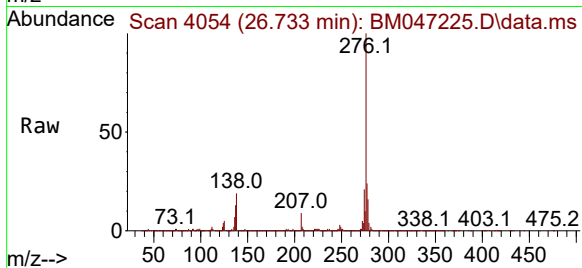
Tgt Ion:276 Resp: 6085902

Ion Ratio Lower Upper

276 100

138 22.9 19.4 29.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 38.701 ng

RT: 22.886 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

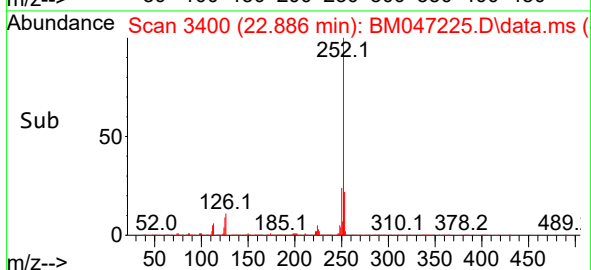
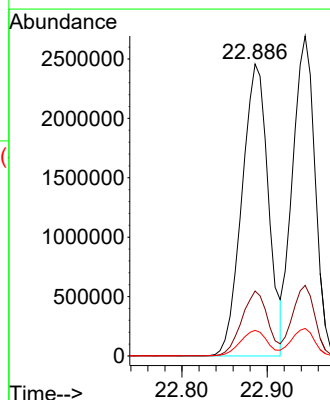
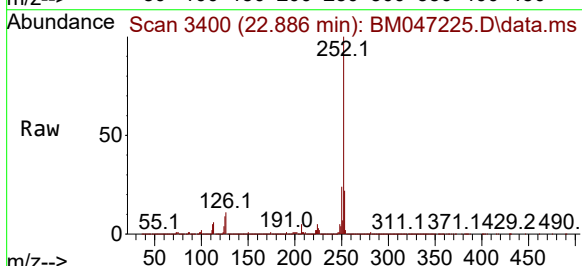
Tgt Ion:252 Resp: 5308336

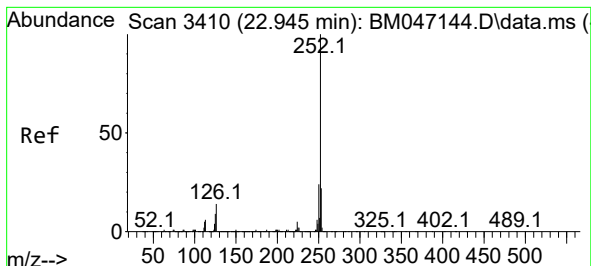
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 38.062 ng

RT: 22.945 min Scan# 3410

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

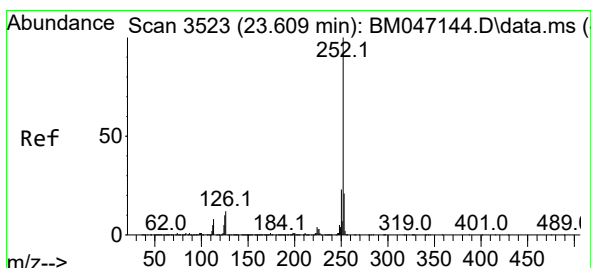
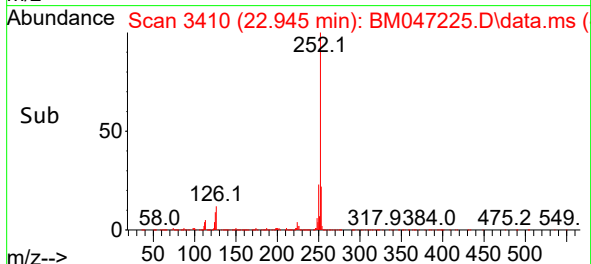
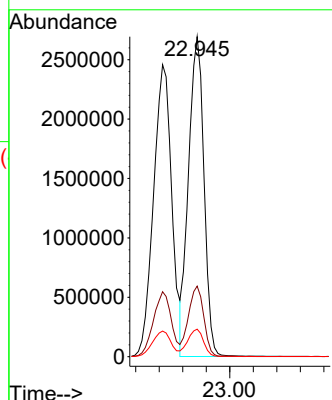
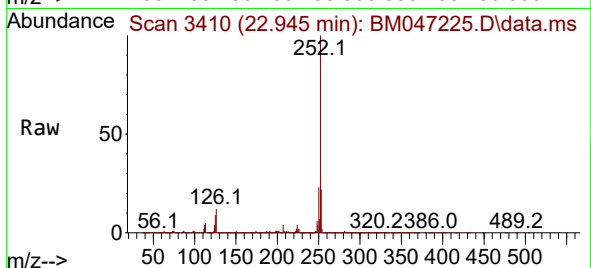
Tgt Ion:252 Resp: 4931265

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.467 ng

RT: 23.603 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

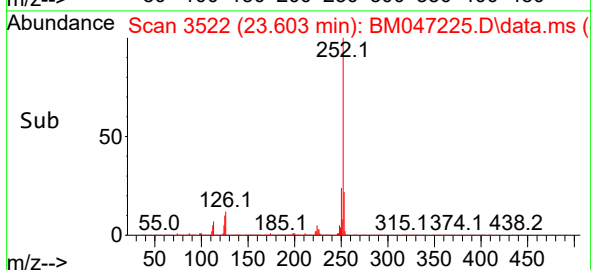
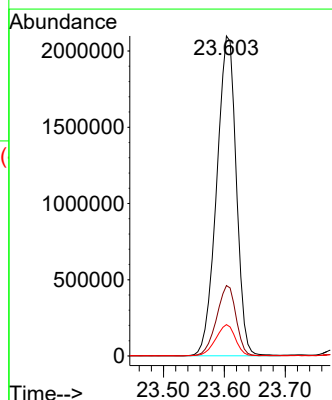
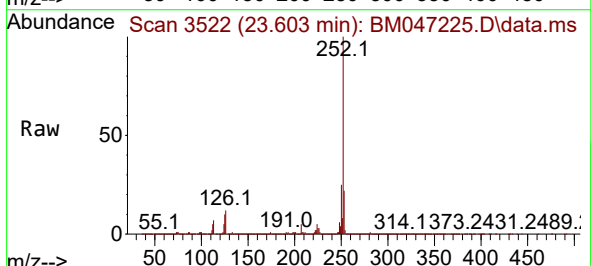
Tgt Ion:252 Resp: 4689493

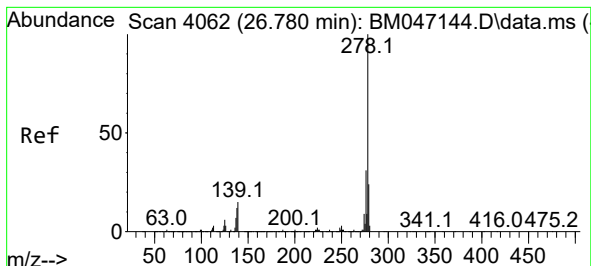
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.8 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 40.257 ng

RT: 26.780 min Scan# 4062

Delta R.T. -0.000 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

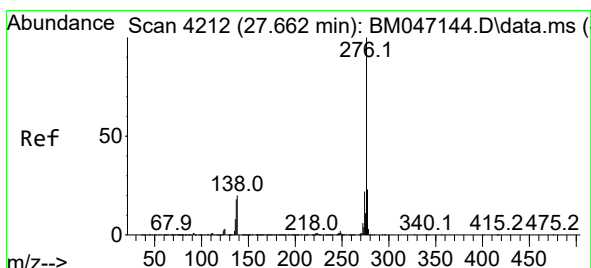
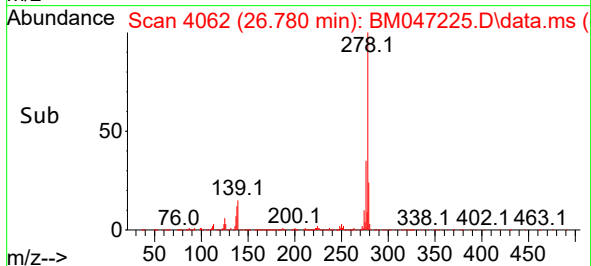
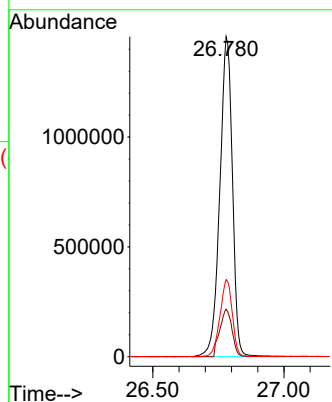
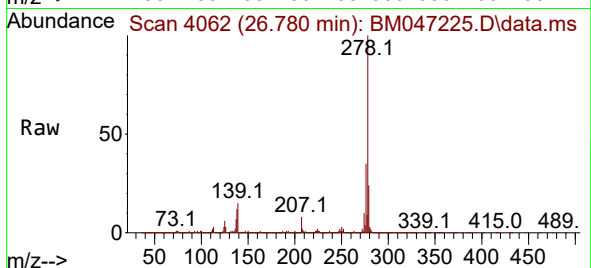
Tgt Ion:278 Resp: 4863800

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

279 24.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 41.131 ng

RT: 27.668 min Scan# 4213

Delta R.T. 0.006 min

Lab File: BM047225.D

Acq: 15 Aug 2024 21:33

Tgt Ion:276 Resp: 5159474

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 20.0 16.2 24.4

