

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090624\
 Data File : BM047458.D
 Acq On : 06 Sep 2024 15:01
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Sep 07 00:33:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 07 00:29:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.334	152	209869	20.000	ng	0.00
21) Naphthalene-d8	10.092	136	782228	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	457877	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	900326	20.000	ng	0.00
76) Chrysene-d12	21.021	240	729571	20.000	ng	0.00
86) Perylene-d12	23.733	264	868876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	972574	80.037	ng	0.00
7) Phenol-d6	6.569	99	1235339	80.329	ng	0.00
23) Nitrobenzene-d5	8.492	82	1233918	82.455	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	420637	84.939	ng	0.00
45) 2-Fluorobiphenyl	12.604	172	2410765	82.210	ng	0.00
79) Terphenyl-d14	19.439	244	3010668	82.637	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.010	88	202904	39.460	ng	100
3) Pyridine	3.387	79	538037	44.955	ng	100
4) n-Nitrosodimethylamine	3.310	42	294463	40.838	ng	100
6) Aniline	6.692	93	578318	42.658	ng	100
8) 2-Chlorophenol	6.916	128	514805	40.478	ng	100
9) Benzaldehyde	6.510	77	358278	37.947	ng	100
10) Phenol	6.592	94	609481	40.934	ng	100
11) bis(2-Chloroethyl)ether	6.792	93	532222	40.726	ng	100
12) 1,3-Dichlorobenzene	7.222	146	618821	40.281	ng	100
13) 1,4-Dichlorobenzene	7.369	146	625627	40.554	ng	100
14) 1,2-Dichlorobenzene	7.675	146	580748	40.250	ng	100
15) Benzyl Alcohol	7.598	79	472296	41.857	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.875	45	947147	40.961	ng	100
17) 2-Methylphenol	7.816	107	418280	41.636	ng	100
18) Hexachloroethane	8.381	117	248302	40.361	ng	100
19) n-Nitroso-di-n-propyla...	8.145	70	392755	41.031	ng	100
20) 3+4-Methylphenols	8.145	107	556047	41.570	ng	100
22) Acetophenone	8.163	105	753330	40.703	ng	100
24) Nitrobenzene	8.533	77	634227	41.251	ng	100
25) Isophorone	9.051	82	1083457	41.351	ng	100
26) 2-Nitrophenol	9.239	139	292839	41.901	ng	100
27) 2,4-Dimethylphenol	9.322	122	332821	41.680	ng	100
28) bis(2-Chloroethoxy)met...	9.539	93	667399	41.527	ng	100
29) 2,4-Dichlorophenol	9.792	162	477156	42.028	ng	100
30) 1,2,4-Trichlorobenzene	9.963	180	540521	40.804	ng	100
31) Naphthalene	10.139	128	1589718	40.344	ng	100
32) Benzoic acid	9.528	122	337716	50.200	ng	100
33) 4-Chloroaniline	10.286	127	564620	41.933	ng	100
34) Hexachlorobutadiene	10.416	225	347107	40.635	ng	100
35) Caprolactam	11.098	113	151042	41.414	ng	100
36) 4-Chloro-3-methylphenol	11.451	107	503875	40.847	ng	100
37) 2-Methylnaphthalene	11.769	142	1052963	40.714	ng	100
38) 1-Methylnaphthalene	11.992	142	1036015	40.441	ng	100
40) 1,2,4,5-Tetrachloroben...	12.157	216	565354	42.145	ng	100
41) Hexachlorocyclopentadiene	12.121	237	108888	49.864	ng	100
43) 2,4,6-Trichlorophenol	12.433	196	366909	42.844	ng	100

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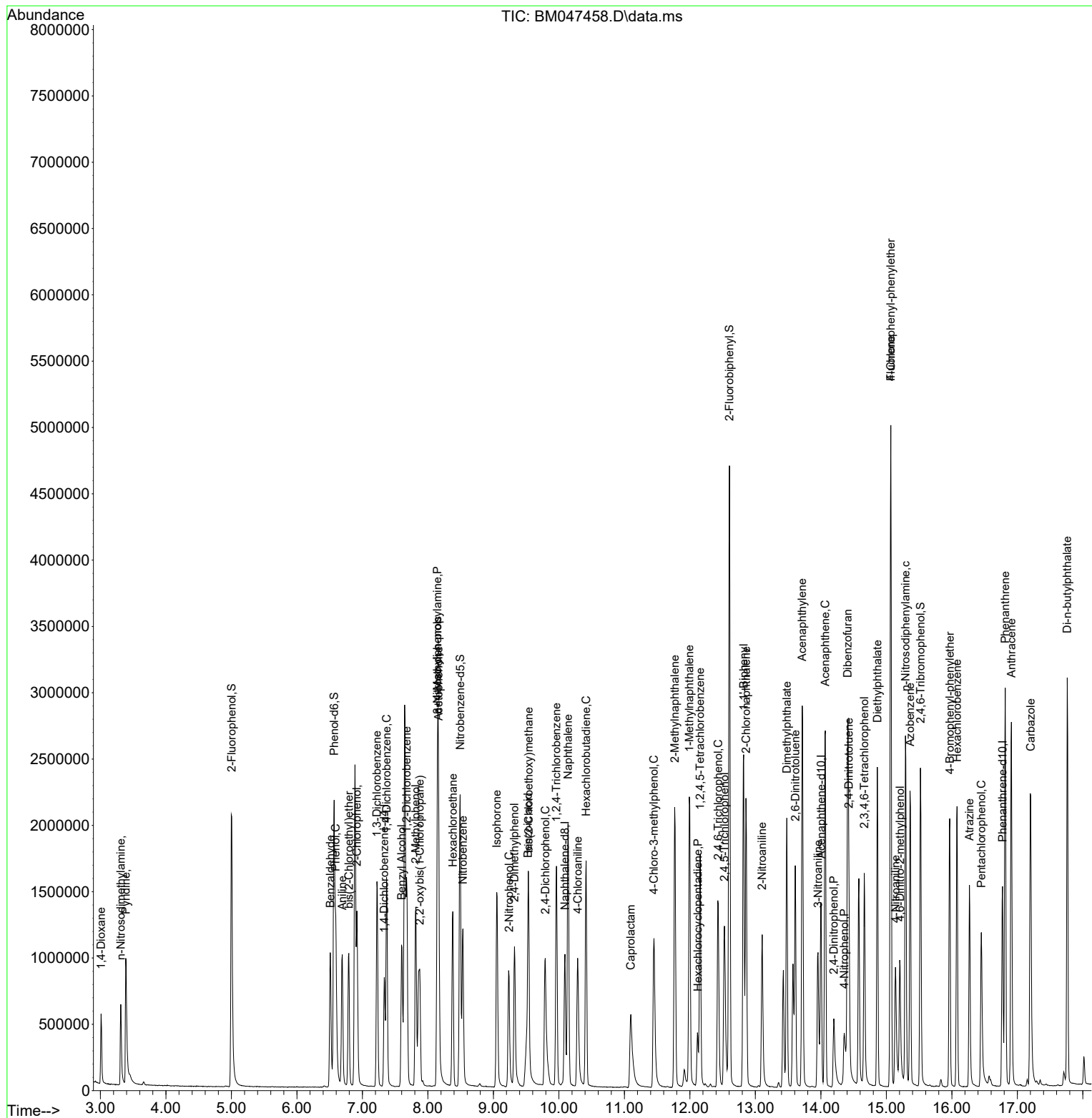
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	398610	42.899	ng	100
46) 1,1'-Biphenyl	12.821	154	1337516	41.420	ng	100
47) 2-Chloronaphthalene	12.857	162	1048790	41.822	ng	100
48) 2-Nitroaniline	13.104	65	366529	42.887	ng	100
49) Acenaphthylene	13.716	152	1540399	41.961	ng	100
50) Dimethylphthalate	13.480	163	1265003	42.058	ng	100
51) 2,6-Dinitrotoluene	13.610	165	300519	42.695	ng	100
52) Acenaphthene	14.068	154	960134	41.261	ng	100
53) 3-Nitroaniline	13.957	138	299039	43.166	ng	100
54) 2,4-Dinitrophenol	14.198	184	157588	49.225	ng	100
55) Dibenzofuran	14.410	168	1511208	41.451	ng	100
56) 4-Nitrophenol	14.357	139	121912	12.360	ng	100
57) 2,4-Dinitrotoluene	14.427	165	393819	42.952	ng	100
58) Fluorene	15.068	166	1191137	41.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	319813	42.623	ng	100
60) Diethylphthalate	14.862	149	1272469	41.718	ng	100
61) 4-Chlorophenyl-phenyle...	15.068	204	581734	40.919	ng	100
62) 4-Nitroaniline	15.139	138	290572	43.595	ng	100
63) Azobenzene	15.362	77	1238576	41.678	ng	100
65) 4,6-Dinitro-2-methylph...	15.210	198	221242	45.120	ng	100
66) n-Nitrosodiphenylamine	15.292	169	1018285	41.741	ng	100
67) 4-Bromophenyl-phenylether	15.968	248	365505	41.601	ng	100
68) Hexachlorobenzene	16.080	284	419604	41.157	ng	100
69) Atrazine	16.268	200	271644	45.046	ng	100
70) Pentachlorophenol	16.451	266	252316	43.604	ng	100
71) Phenanthrene	16.815	178	1760663	40.888	ng	100
72) Anthracene	16.909	178	1763061	41.533	ng	100
73) Carbazole	17.204	167	1754222	41.451	ng	100
74) Di-n-butylphthalate	17.762	149	2117184	41.268	ng	100
75) Fluoranthene	18.856	202	2061684	40.275	ng	100
77) Benzidine	19.074	184	865466	60.578	ng	100
78) Pyrene	19.227	202	2164035	41.952	ng	100
80) Butylbenzylphthalate	20.150	149	926604	41.957	ng	100
81) Benzo(a)anthracene	21.003	228	1922813	41.828	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	689490	42.337	ng	100
83) Chrysene	21.062	228	1854811	41.052	ng	100
84) Bis(2-ethylhexyl)phtha...	20.950	149	1291551	41.762	ng	100
85) Di-n-octyl phthalate	21.974	149	2269529	41.659	ng	100
87) Indeno(1,2,3-cd)pyrene	26.744	276	2302843	41.398	ng	100
88) Benzo(b)fluoranthene	22.880	252	1948326	41.392	ng	100
89) Benzo(k)fluoranthene	22.938	252	1951346	41.190	ng	100
90) Benzo(a)pyrene	23.603	252	1778699	41.345	ng	100
91) Dibenzo(a,h)anthracene	26.779	278	1872999	41.364	ng	100
92) Benzo(g,h,i)perylene	27.685	276	1980437	41.483	ng	100

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

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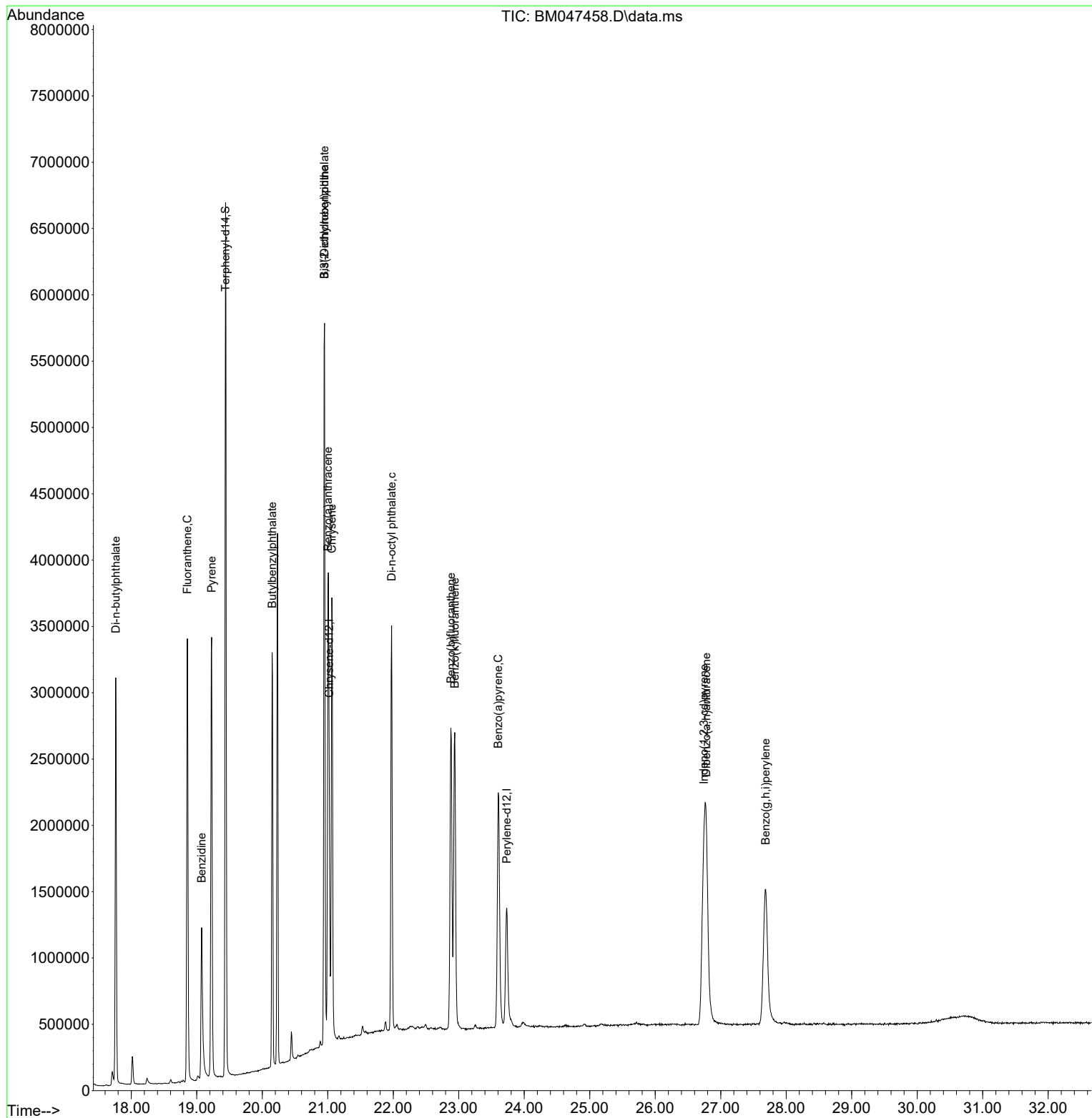
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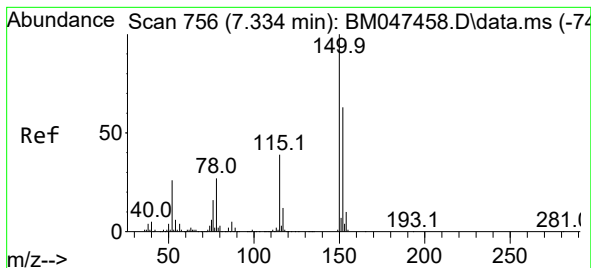


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.334 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

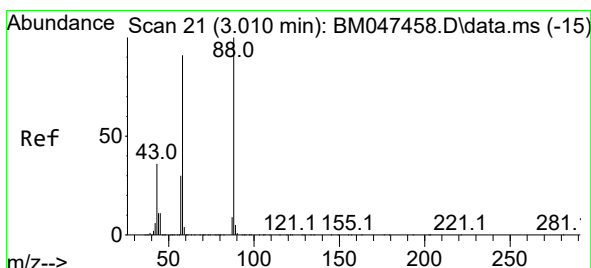
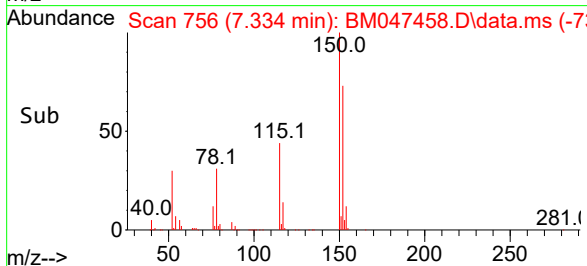
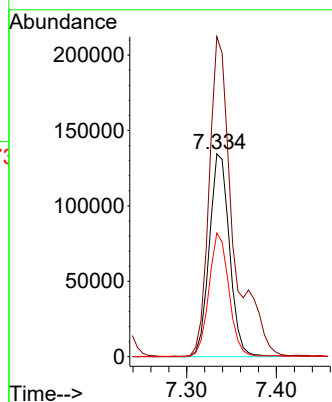
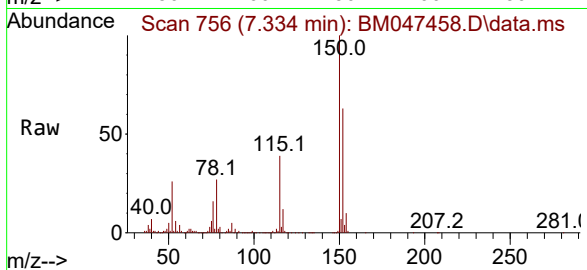
Tgt Ion:152 Resp: 209869

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.4

115 60.9 48.7 73.1



#2

1,4-Dioxane

Concen: 39.460 ng

RT: 3.010 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

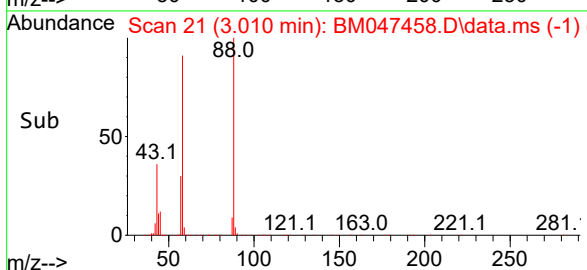
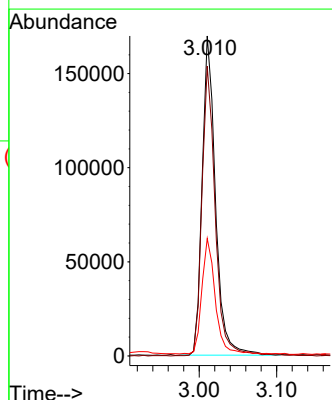
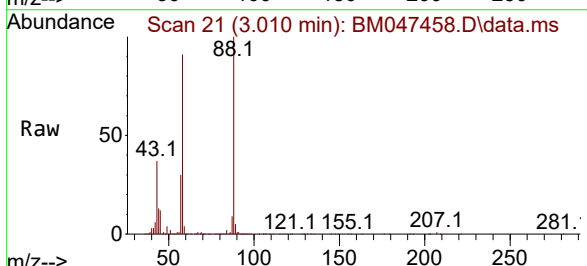
Tgt Ion: 88 Resp: 202904

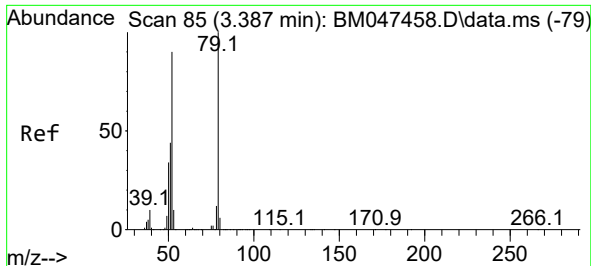
Ion Ratio Lower Upper

88 100

58 91.3 73.0 109.6

43 36.2 29.0 43.4

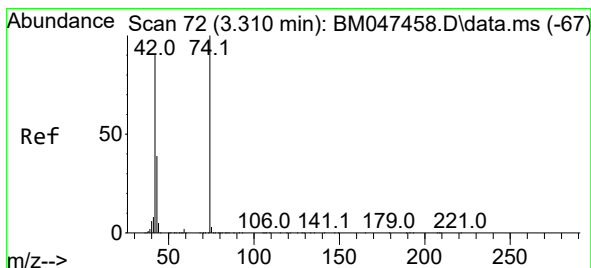
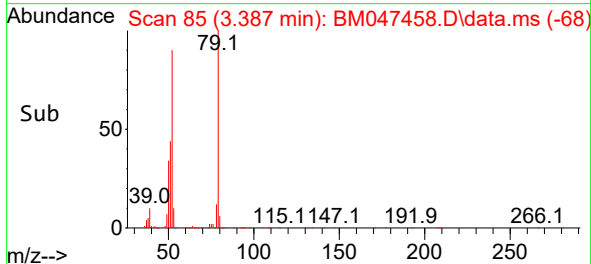
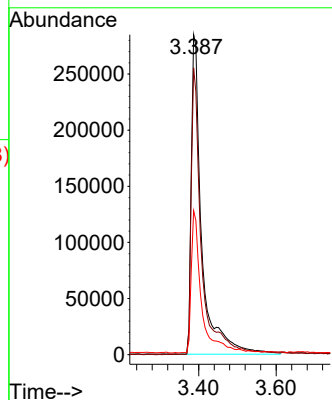
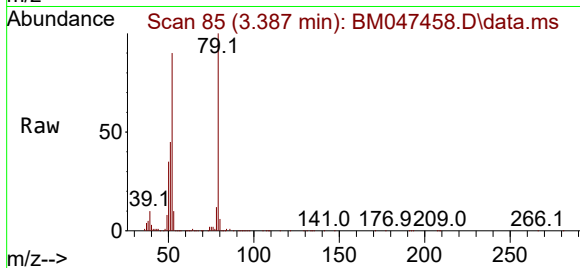




#3
 Pyridine
 Concen: 44.955 ng
 RT: 3.387 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: BM047458.D
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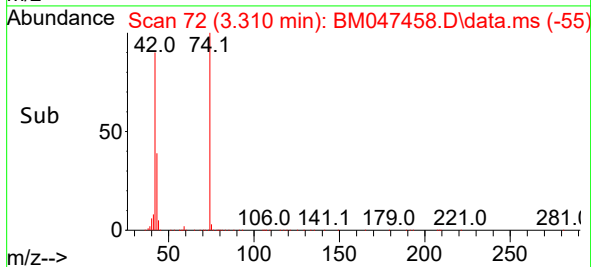
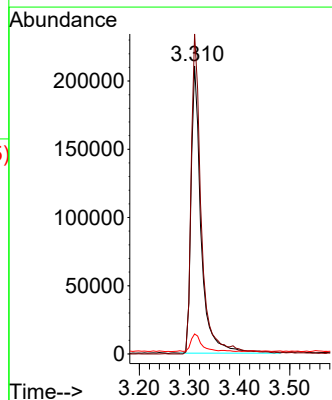
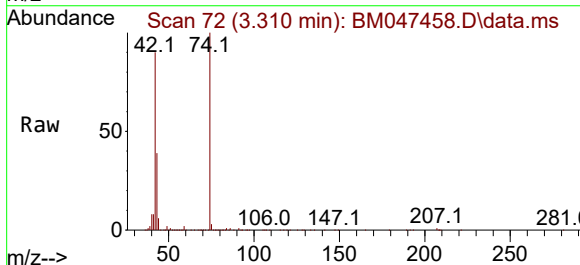
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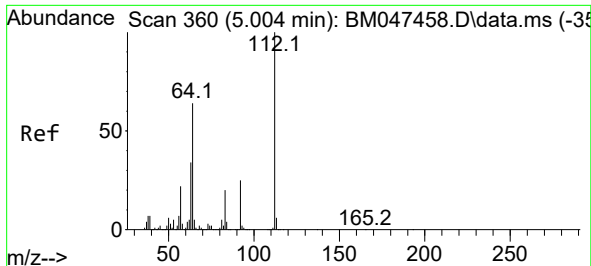
Tgt Ion: 79 Resp: 538037
 Ion Ratio Lower Upper
 79 100
 52 89.7 71.8 107.6
 51 45.0 36.0 54.0



#4
 n-Nitrosodimethylamine
 Concen: 40.838 ng
 RT: 3.310 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: BM047458.D
 Acq: 06 Sep 2024 15:01

Tgt Ion: 42 Resp: 294463
 Ion Ratio Lower Upper
 42 100
 74 111.1 88.9 133.3
 44 7.0 5.6 8.4

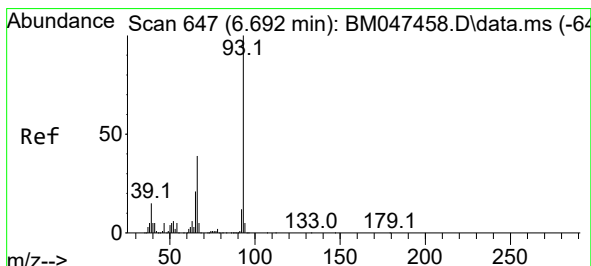
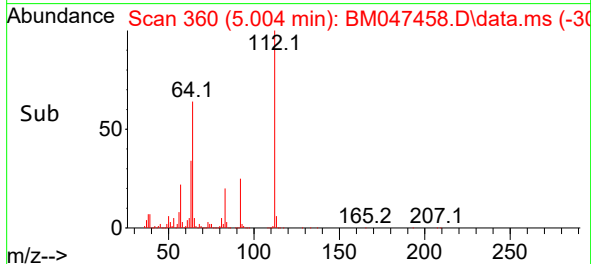
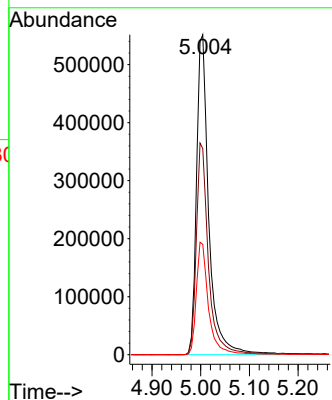
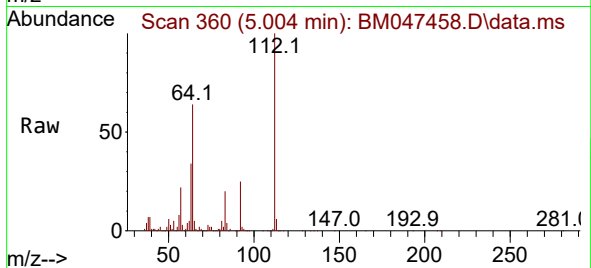




#5
2-Fluorophenol
Concen: 80.037 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047458.D
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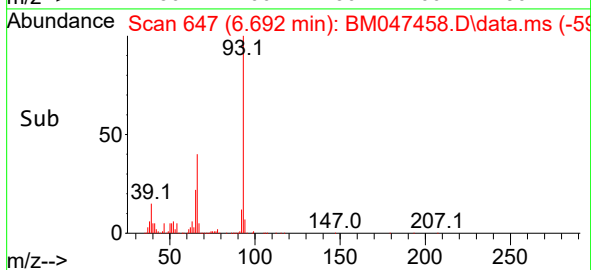
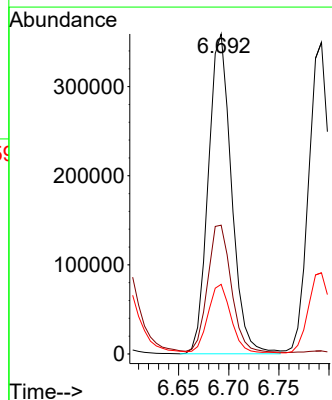
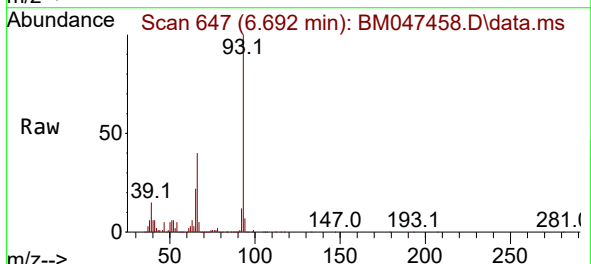
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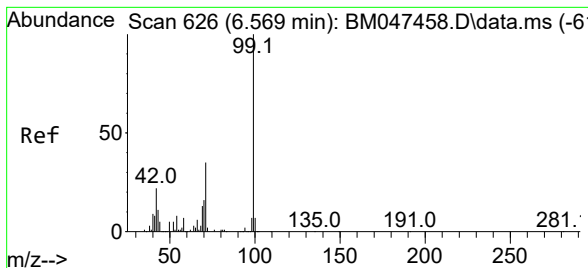
Tgt Ion:112 Resp: 972574
Ion Ratio Lower Upper
112 100
64 64.4 51.5 77.3
63 34.5 27.6 41.4



#6
Aniline
Concen: 42.658 ng
RT: 6.692 min Scan# 647
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 93 Resp: 578318
Ion Ratio Lower Upper
93 100
66 40.2 32.2 48.2
65 21.8 17.4 26.2





#7

Phenol-d6

Concen: 80.329 ng

RT: 6.569 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

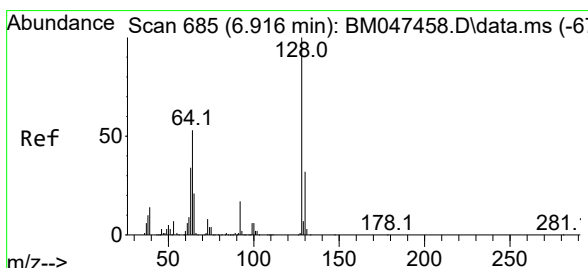
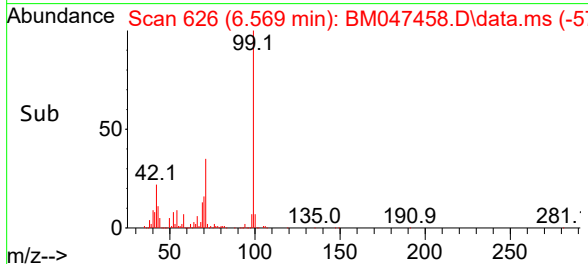
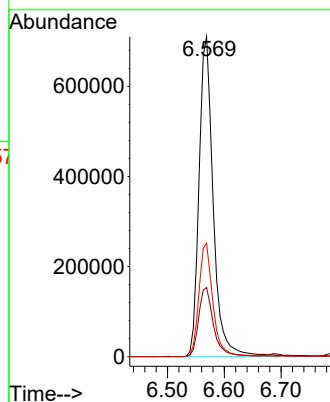
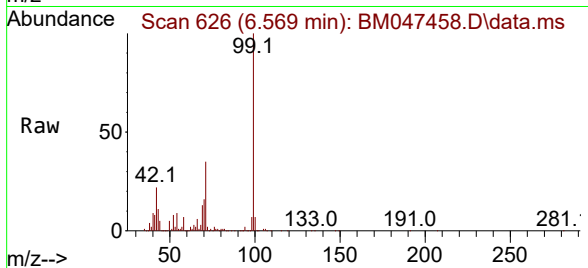
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 1235339

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.3	25.9
71	35.5	28.4	42.6



#8

2-Chlorophenol

Concen: 40.478 ng

RT: 6.916 min Scan# 685

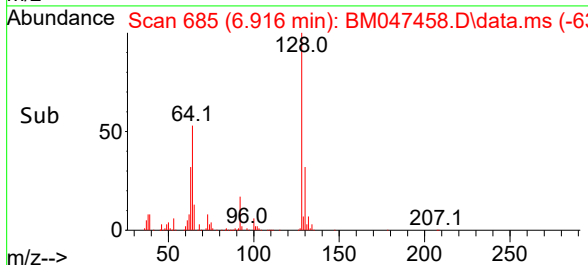
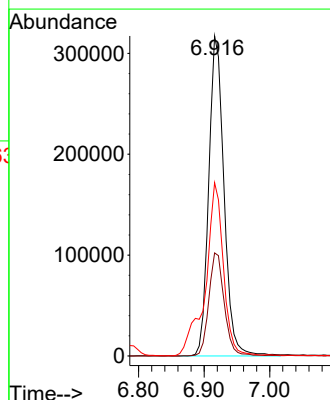
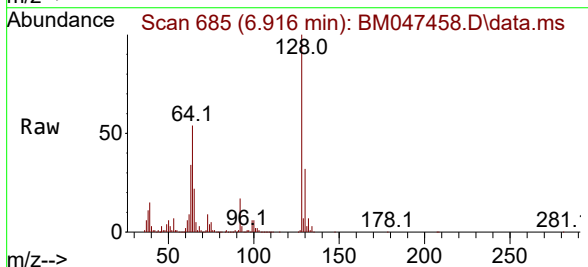
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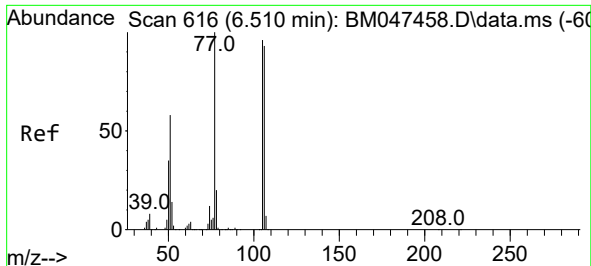
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Tgt Ion: 128 Resp: 514805

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	54.2	34.2	74.2

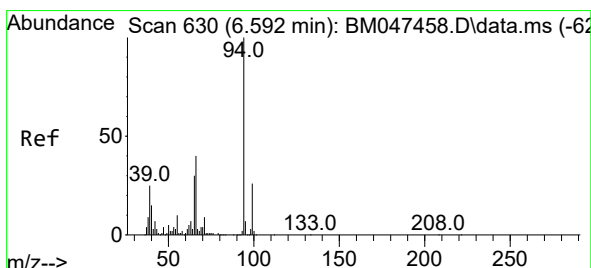
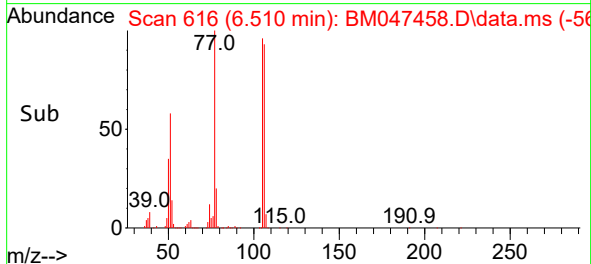
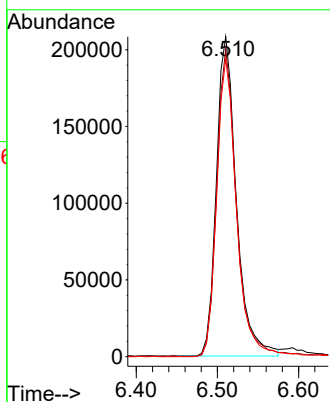
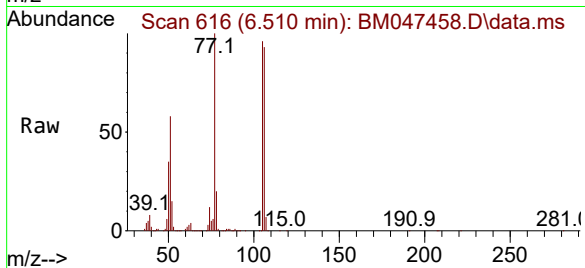




#9
Benzaldehyde
Concen: 37.947 ng
RT: 6.510 min Scan# 616
Delta R.T. 0.000 min
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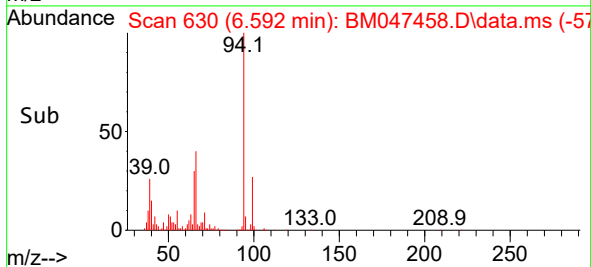
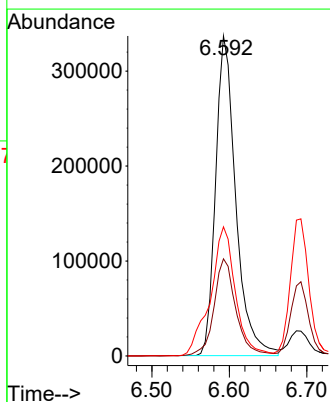
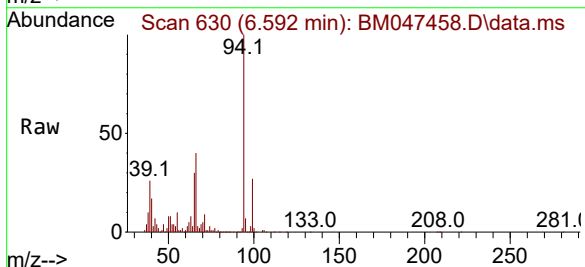
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

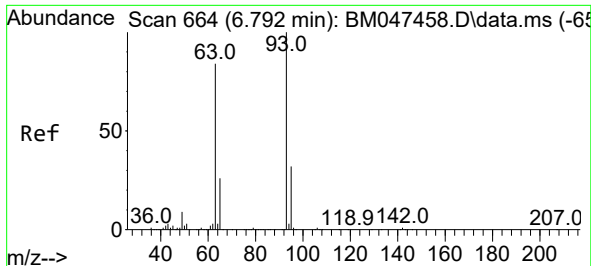
Tgt Ion: 77 Resp: 358278
Ion Ratio Lower Upper
77 100
105 96.1 76.1 116.1
106 93.1 73.1 113.1



#10
Phenol
Concen: 40.934 ng
RT: 6.592 min Scan# 630
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 94 Resp: 609481
Ion Ratio Lower Upper
94 100
65 30.4 10.4 50.4
66 40.3 20.3 60.3

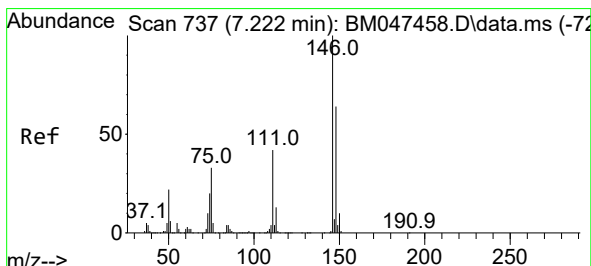
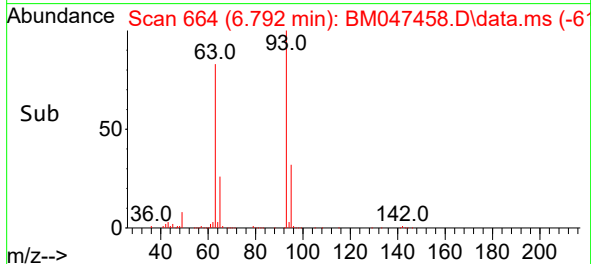
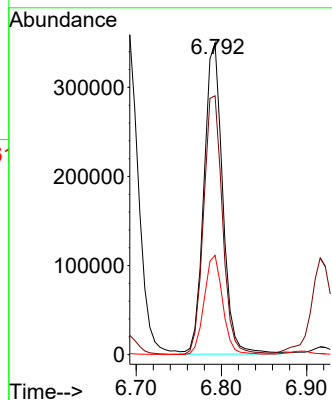
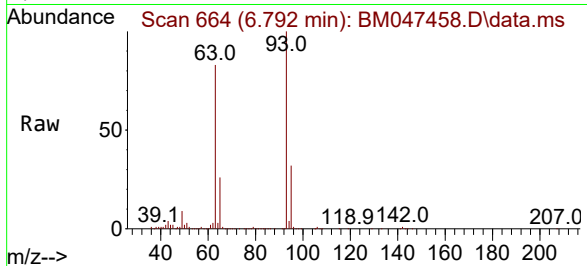




#11
bis(2-Chloroethyl)ether
Concen: 40.726 ng
RT: 6.792 min Scan# 664
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

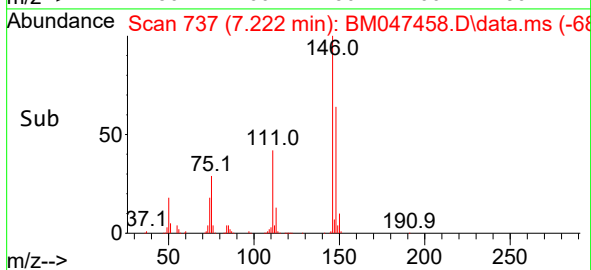
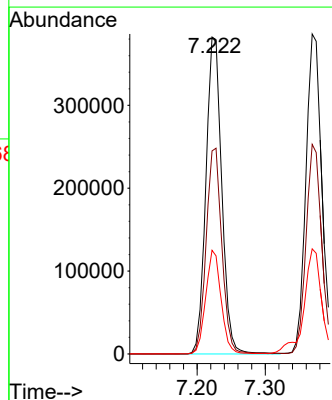
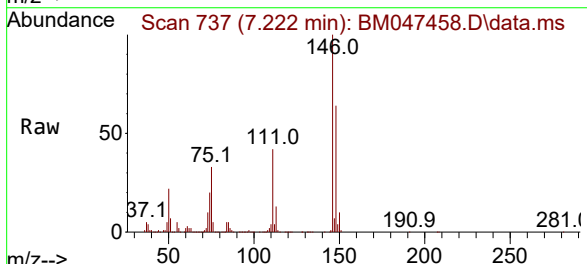
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

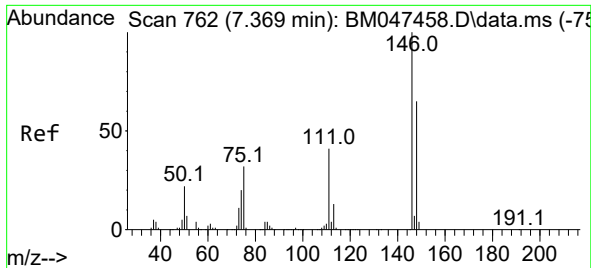
Tgt Ion: 93 Resp: 532222
Ion Ratio Lower Upper
93 100
63 83.0 63.0 103.0
95 31.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.281 ng
RT: 7.222 min Scan# 737
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 146 Resp: 618821
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 32.7 26.2 39.2

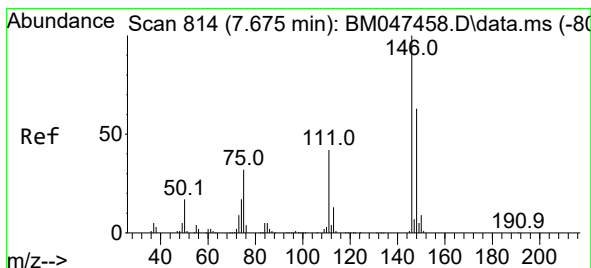
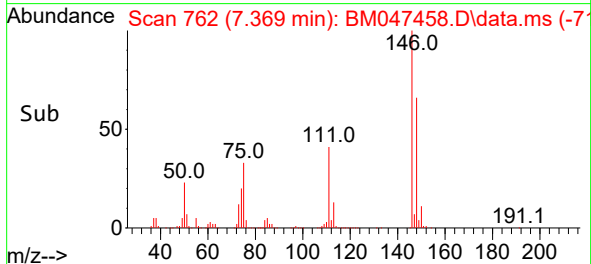
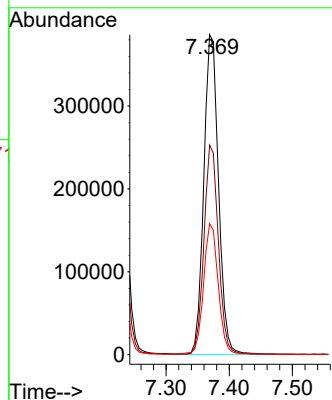
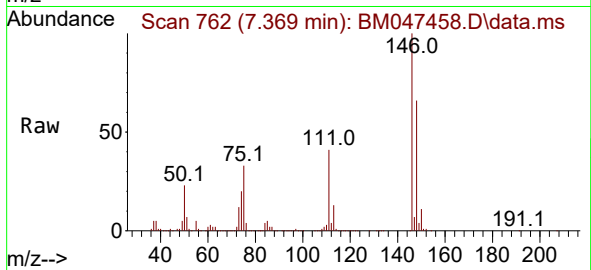




#13
1,4-Dichlorobenzene
Concen: 40.554 ng
RT: 7.369 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

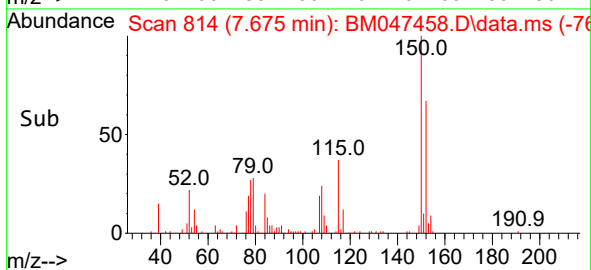
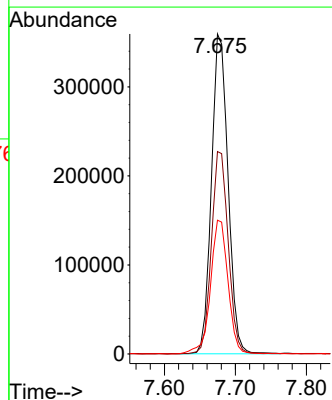
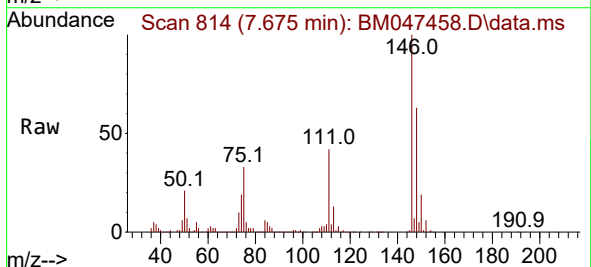
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

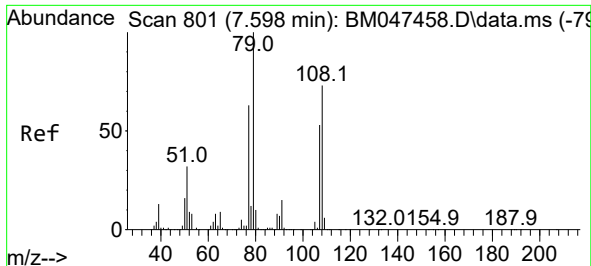
Tgt Ion:146 Resp: 625627
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
111 41.0 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 40.250 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:146 Resp: 580748
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
111 41.8 33.4 50.2

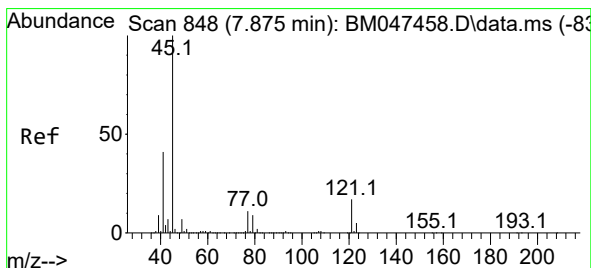
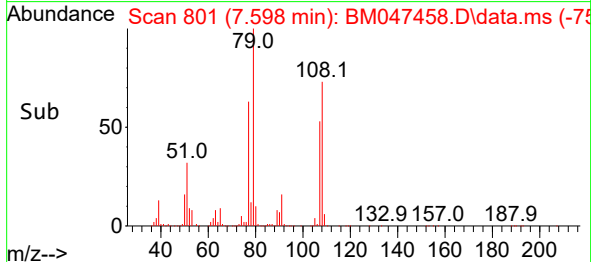
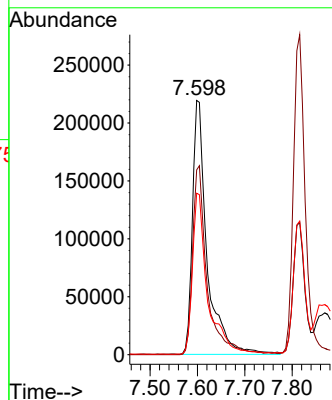
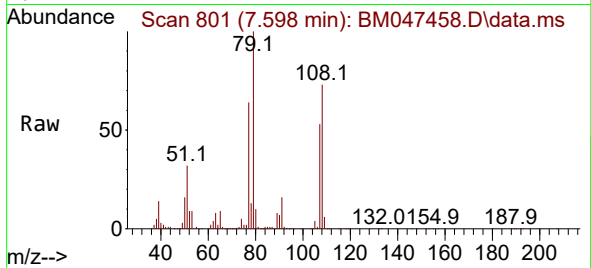




#15
Benzyl Alcohol
Concen: 41.857 ng
RT: 7.598 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

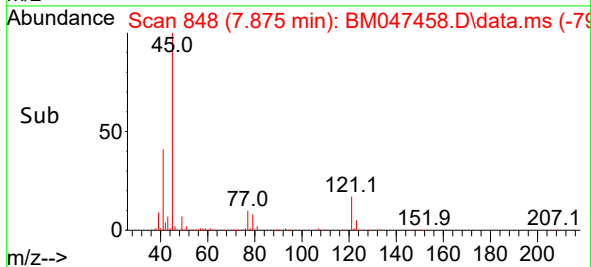
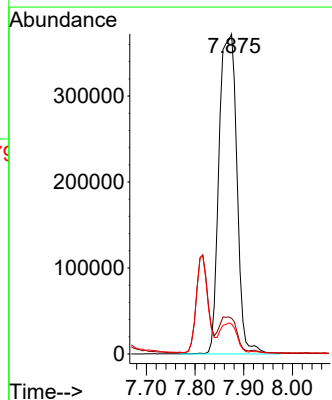
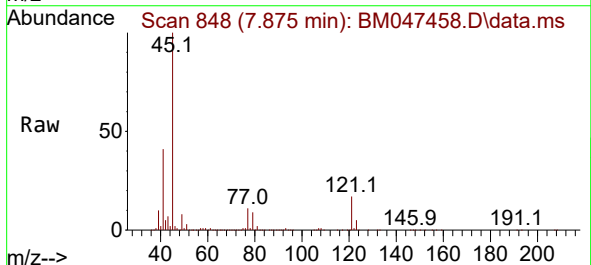
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

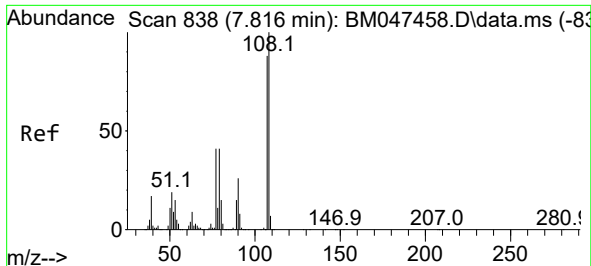
Tgt Ion: 79 Resp: 472296
Ion Ratio Lower Upper
79 100
108 72.7 58.2 87.2
77 63.5 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.961 ng
RT: 7.875 min Scan# 848
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 45 Resp: 947147
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 9.3 0.0 29.3

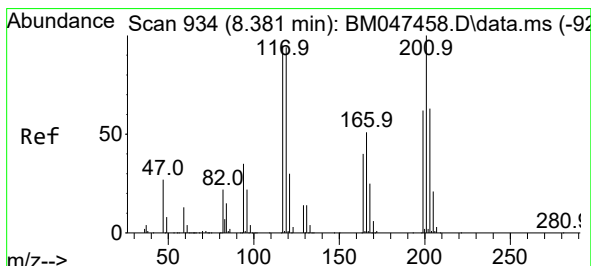
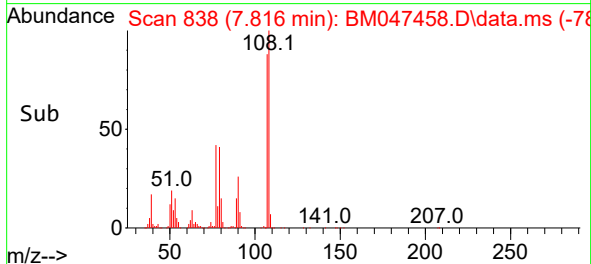
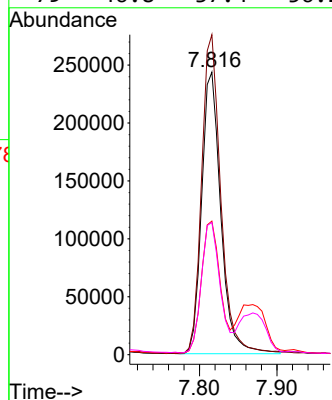
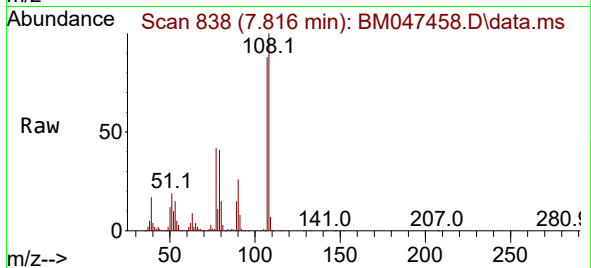




#17
2-Methylphenol
Concen: 41.636 ng
RT: 7.816 min Scan# 838
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

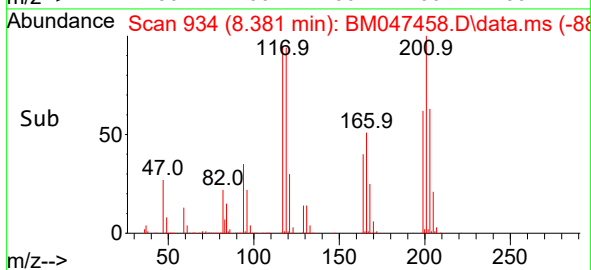
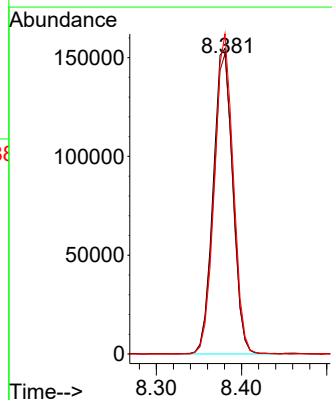
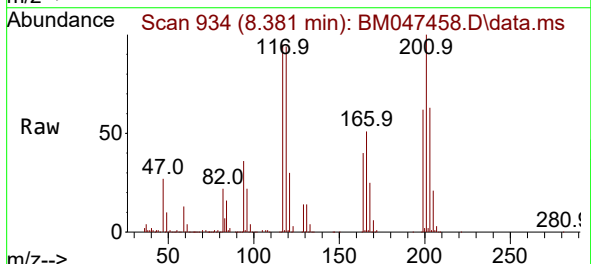
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

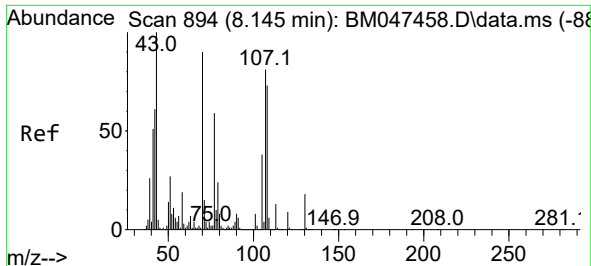
Tgt Ion:	107	Resp:	418280
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	135.8
77	47.3	37.8	56.8
79	46.8	37.4	56.2



#18
Hexachloroethane
Concen: 40.361 ng
RT: 8.381 min Scan# 934
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:	117	Resp:	248302
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.6	118.0
201	104.8	83.8	125.8

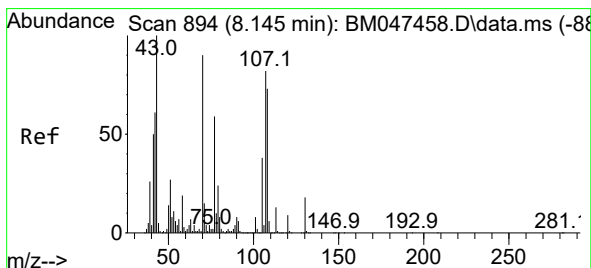
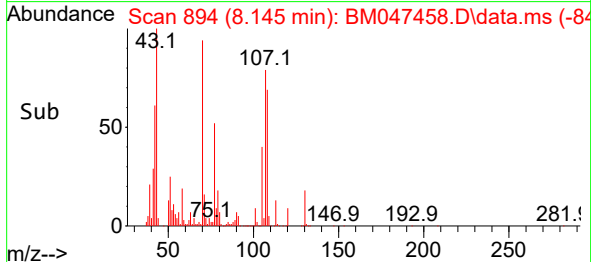
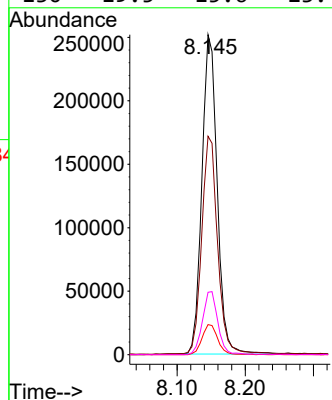
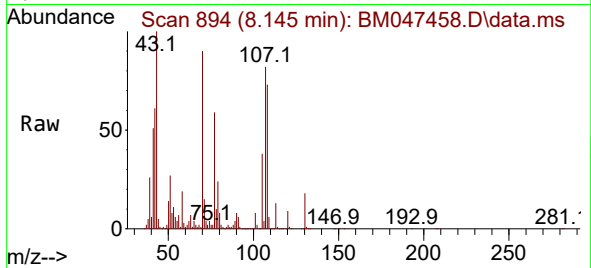




#19
n-Nitroso-di-n-propylamine
Concen: 41.031 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

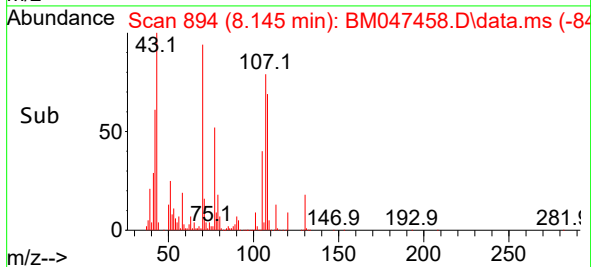
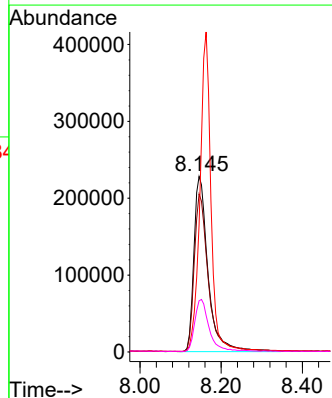
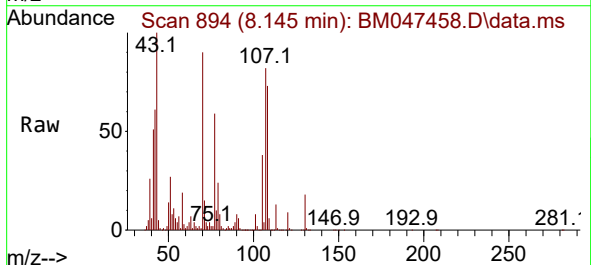
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

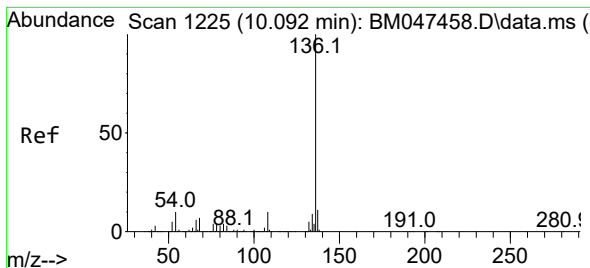
Tgt Ion:	70	Resp:	392755
Ion	Ratio	Lower	Upper
70	100		
42	68.2	54.6	81.8
101	9.4	7.5	11.3
130	19.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.570 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:	107	Resp:	556047
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	72.4	52.4	92.4
79	29.1	9.1	49.1

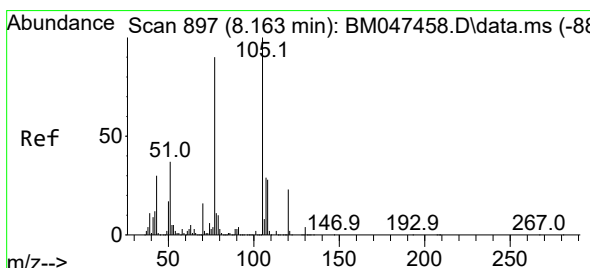
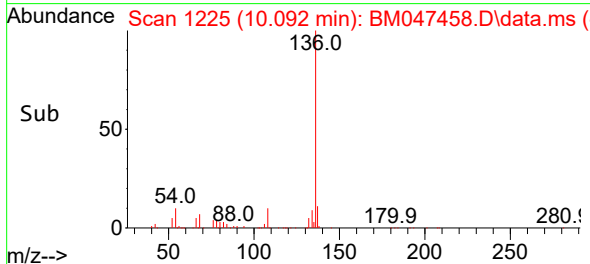
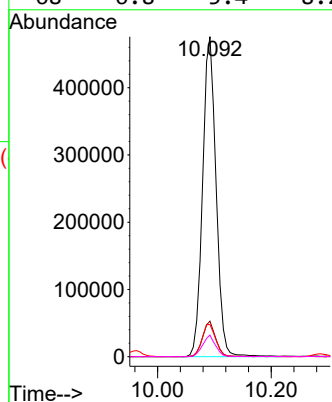
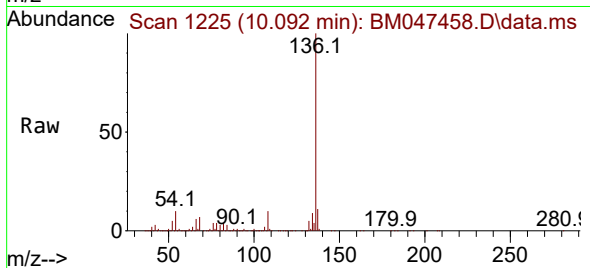




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.092 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

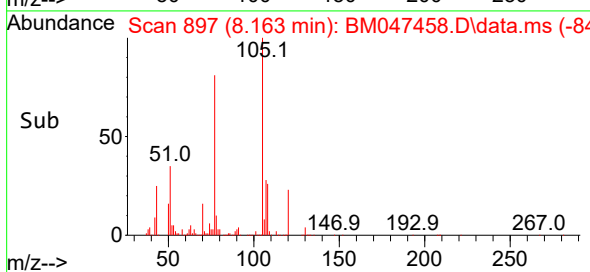
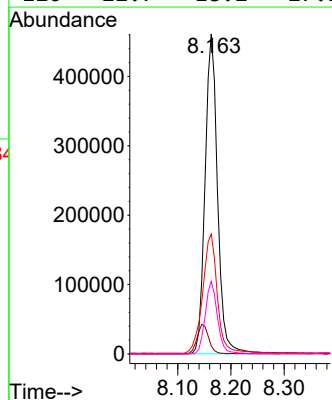
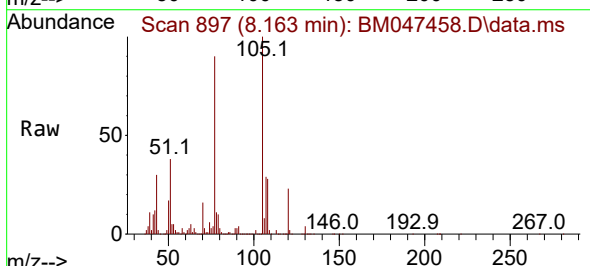
Instrument :
BNA_M
ClientSampleId :
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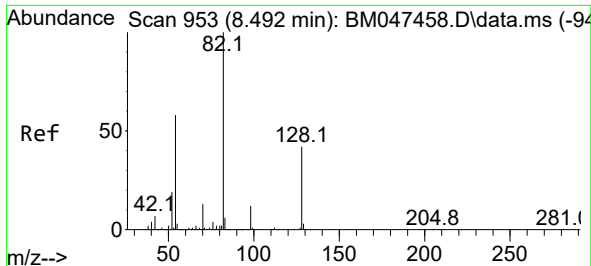
Tgt Ion:	136	Resp:	782228
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	8.1	12.1
68	6.8	5.4	8.2



#22
Acetophenone
Concen: 40.703 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:	105	Resp:	753330
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	37.5	30.0	45.0
120	22.7	18.2	27.2

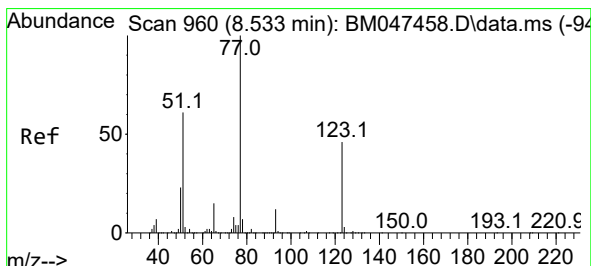
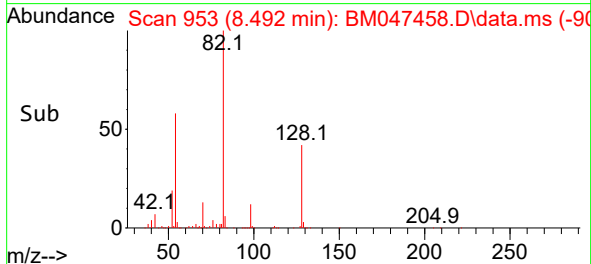
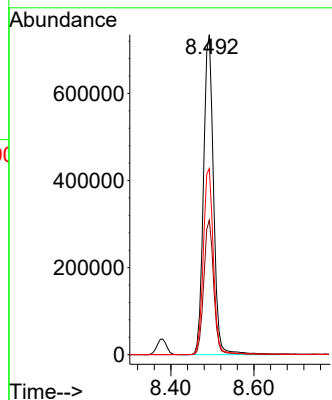
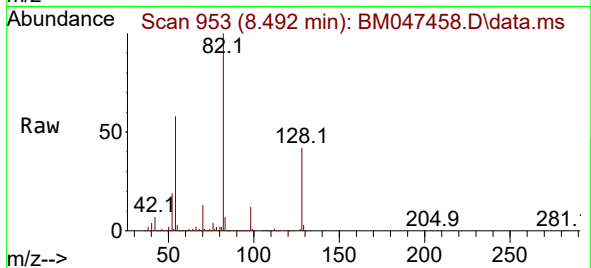




#23
Nitrobenzene-d5
Concen: 82.455 ng
RT: 8.492 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

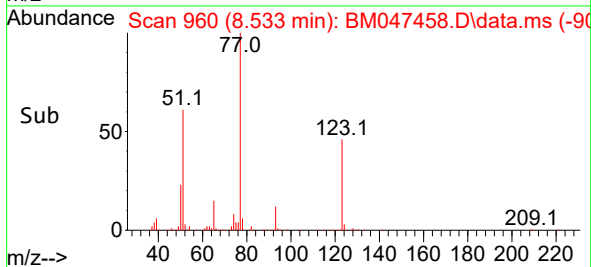
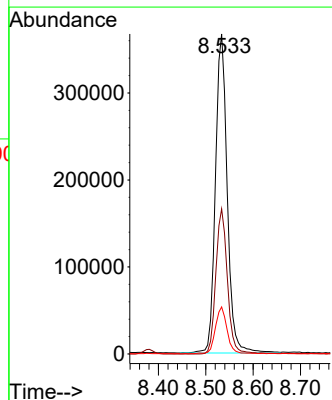
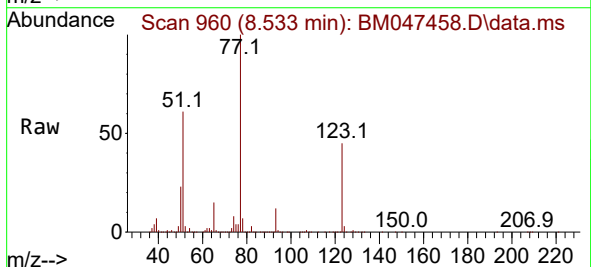
Instrument :
BNA_M
ClientSampleId :
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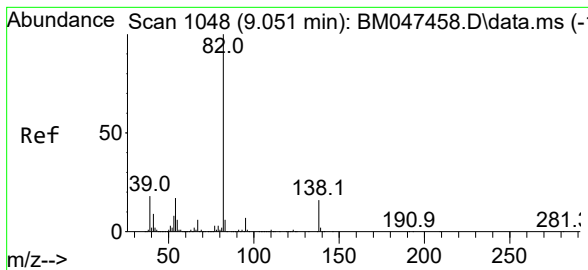
Tgt Ion: 82 Resp: 1233918
Ion Ratio Lower Upper
82 100
128 42.1 33.7 50.5
54 58.2 46.6 69.8



#24
Nitrobenzene
Concen: 41.251 ng
RT: 8.533 min Scan# 960
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 77 Resp: 634227
Ion Ratio Lower Upper
77 100
123 45.4 36.3 54.5
65 14.7 11.8 17.6

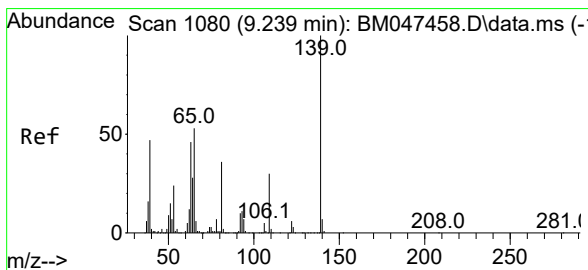
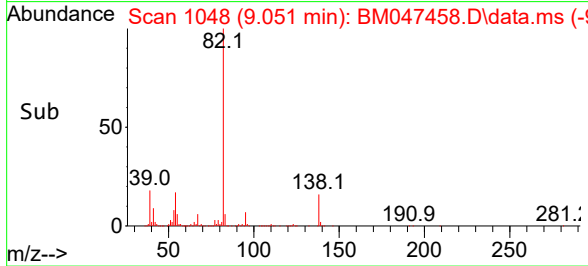
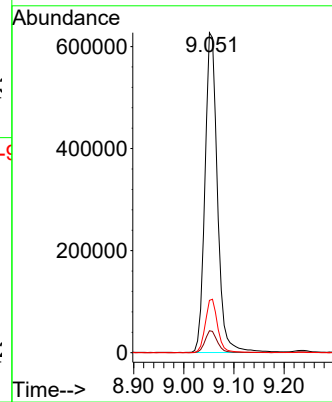
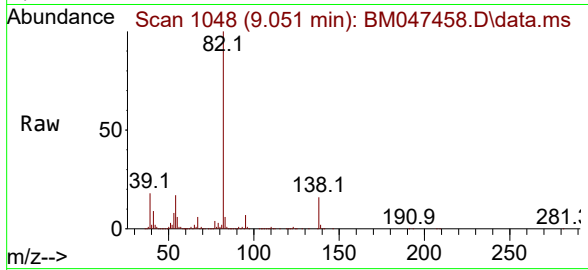




#25
Isophorone
Concen: 41.351 ng
RT: 9.051 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

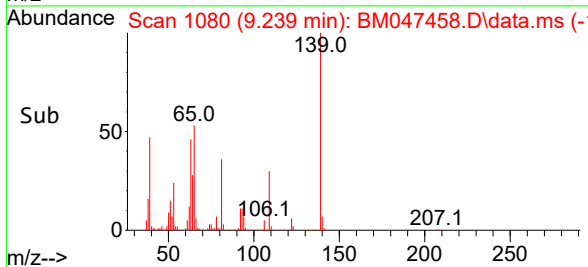
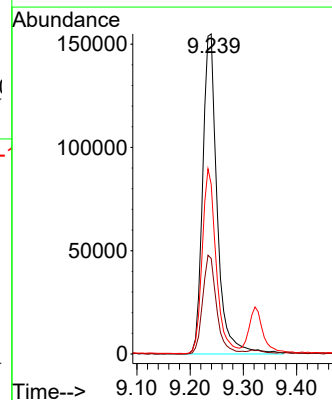
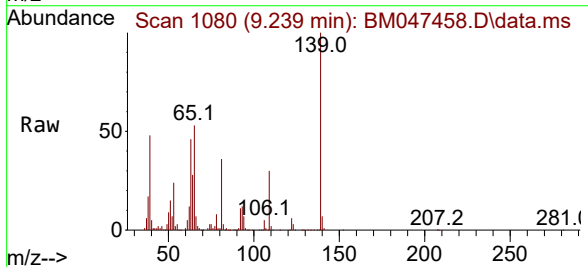
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

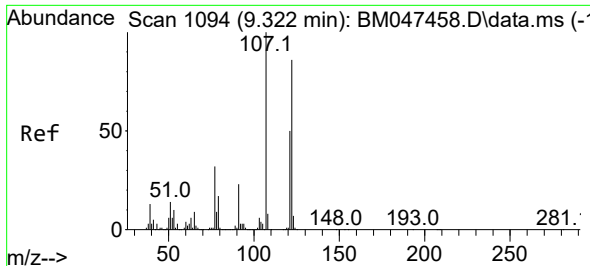
Tgt Ion: 82 Resp: 1083457
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 41.901 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 139 Resp: 292839
Ion Ratio Lower Upper
139 100
109 29.9 23.9 35.9
65 53.0 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 41.680 ng

RT: 9.322 min Scan# 1094

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

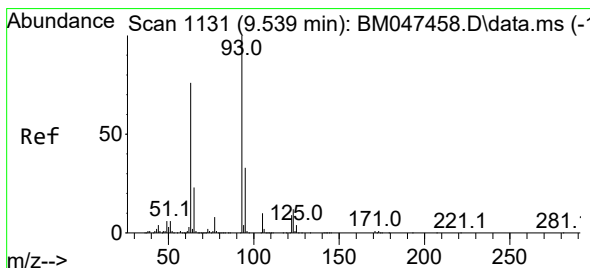
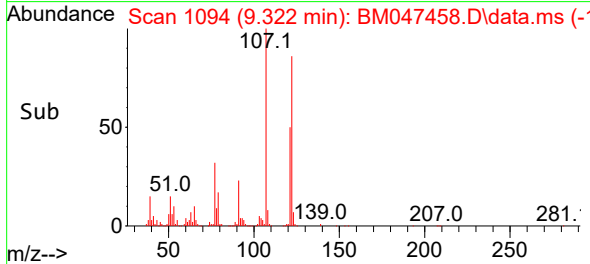
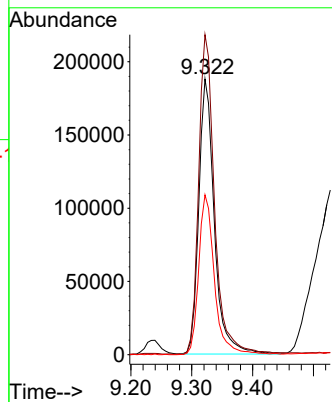
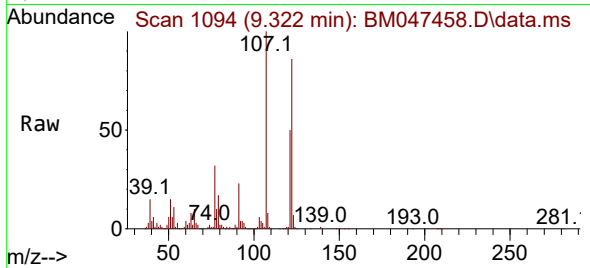
Tgt Ion:122 Resp: 332821

Ion Ratio Lower Upper

122 100

107 116.1 92.9 139.3

121 58.0 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.527 ng

RT: 9.539 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

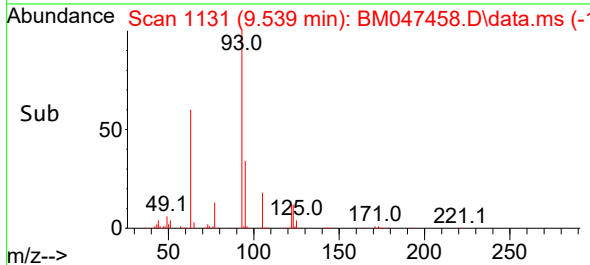
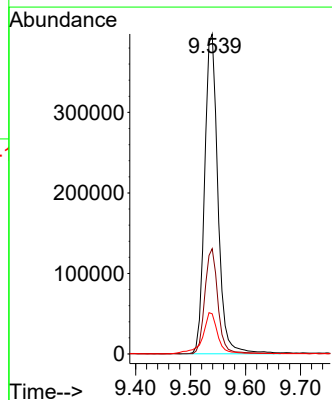
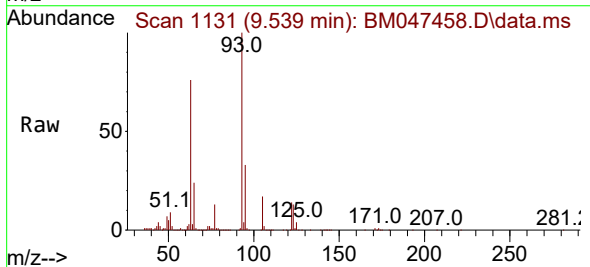
Tgt Ion: 93 Resp: 667399

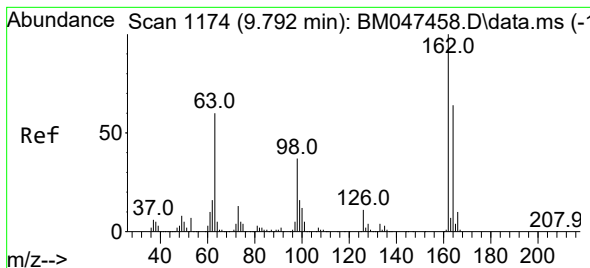
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 12.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 42.028 ng

RT: 9.792 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

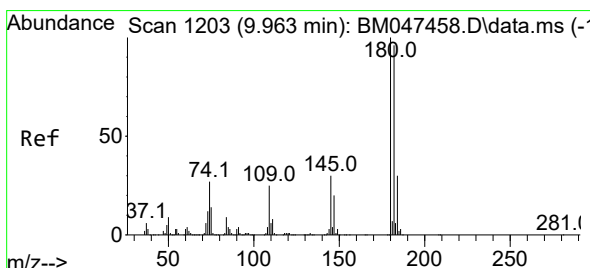
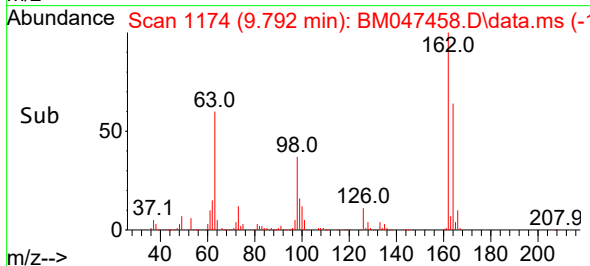
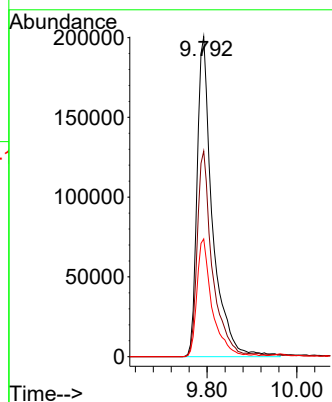
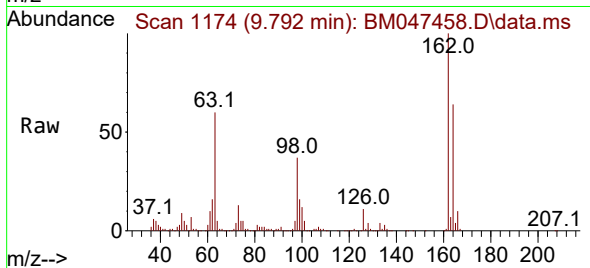
Tgt Ion:162 Resp: 477156

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 36.8 16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 40.804 ng

RT: 9.963 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

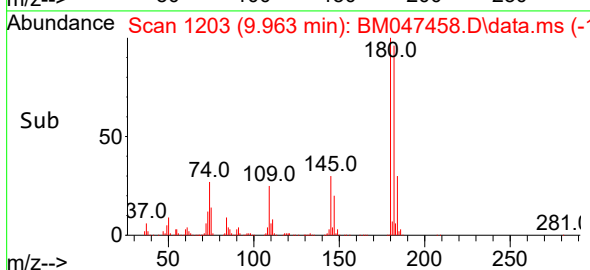
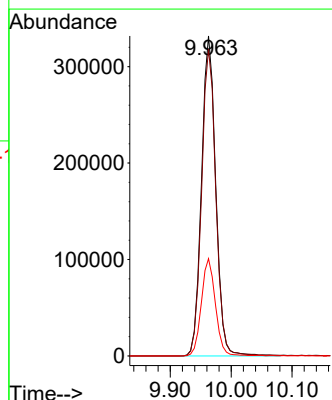
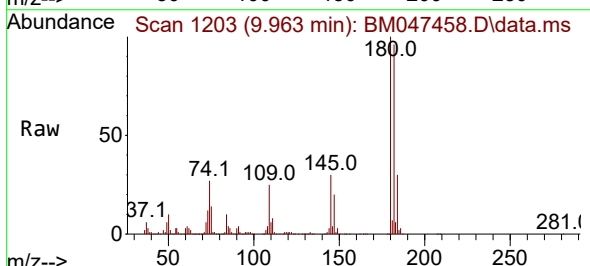
Tgt Ion:180 Resp: 540521

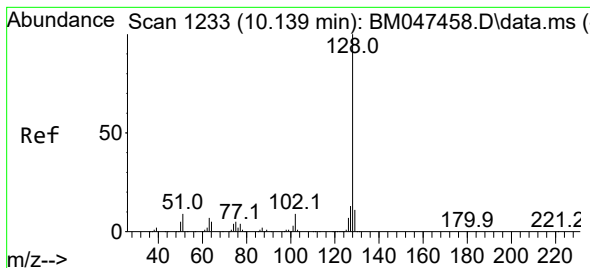
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

145 30.4 24.3 36.5

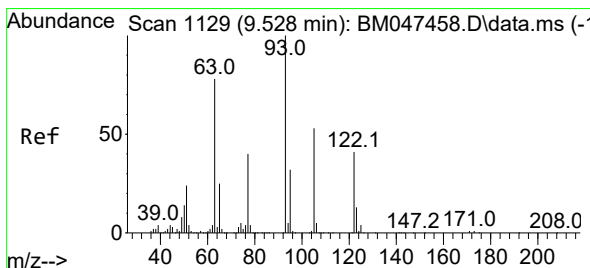
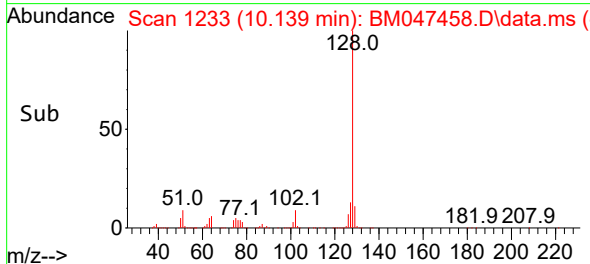
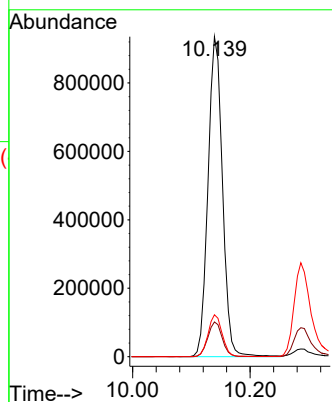
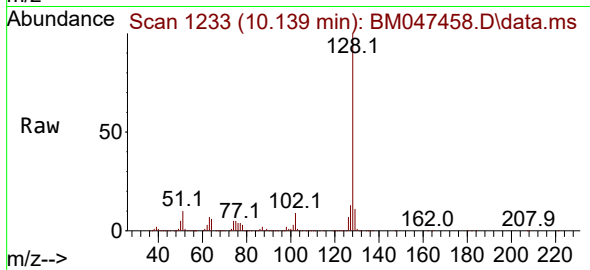




#31
Naphthalene
Concen: 40.344 ng
RT: 10.139 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

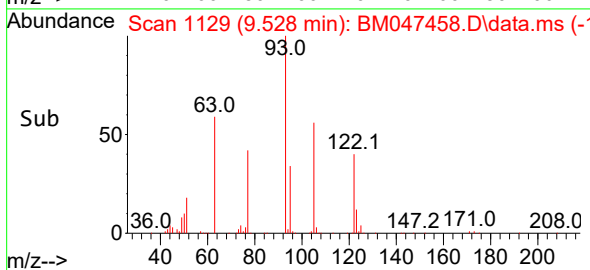
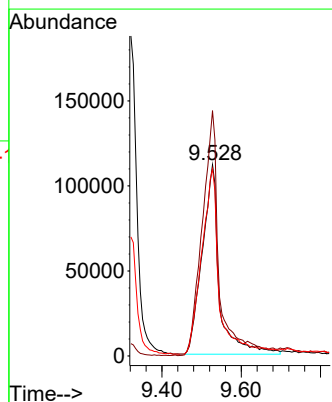
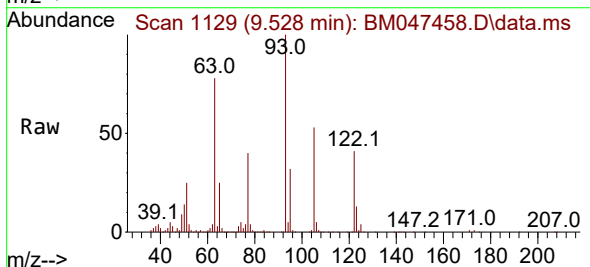
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

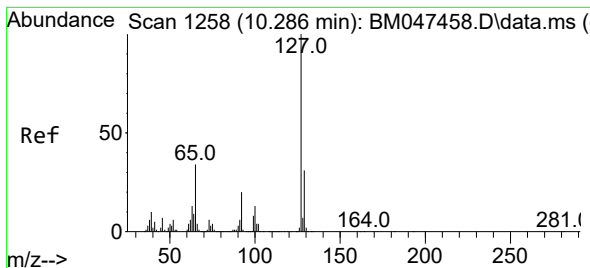
Tgt Ion:128 Resp: 1589718
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 50.200 ng
RT: 9.528 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:122 Resp: 337716
Ion Ratio Lower Upper
122 100
105 128.3 108.3 148.3
77 97.9 77.9 117.9

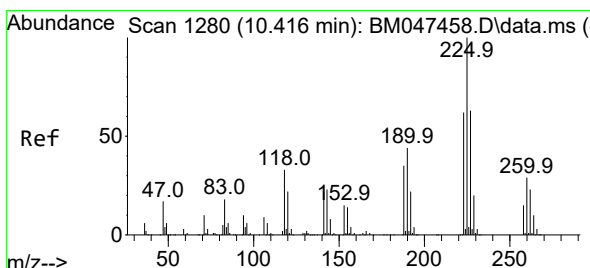
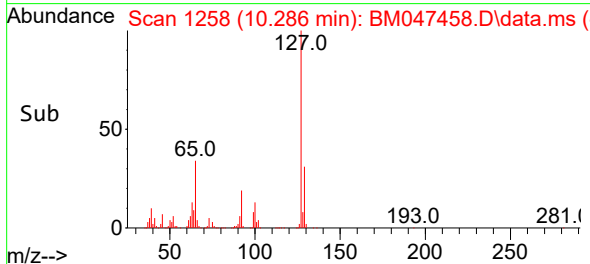
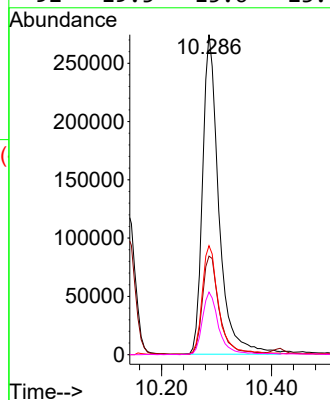
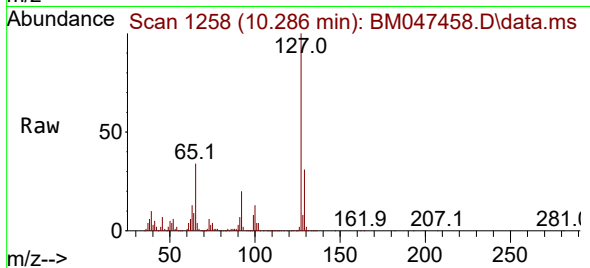




#33
4-Chloroaniline
Concen: 41.933 ng
RT: 10.286 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

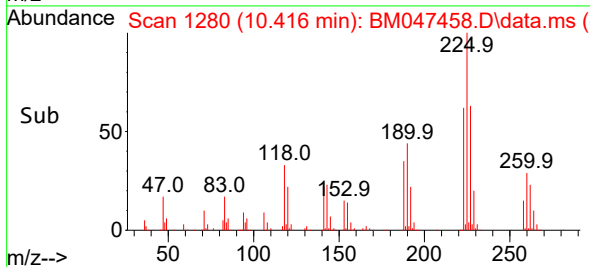
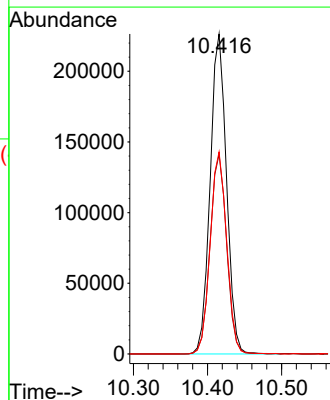
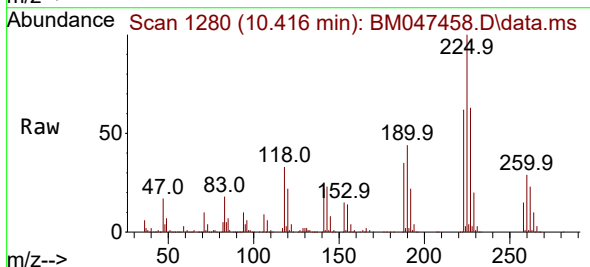
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

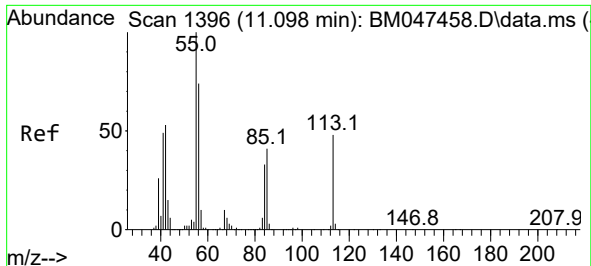
Tgt Ion:	127	Resp:	564620
Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.6	37.0
65	34.1	27.3	40.9
92	19.5	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.635 ng
RT: 10.416 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:	225	Resp:	347107
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.2	50.6	75.8

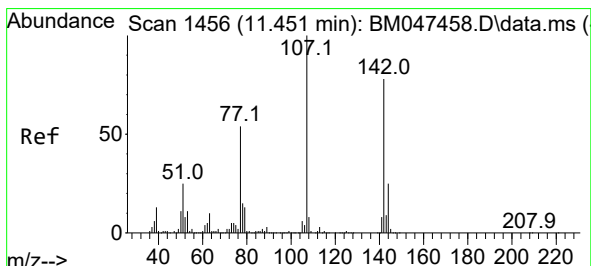
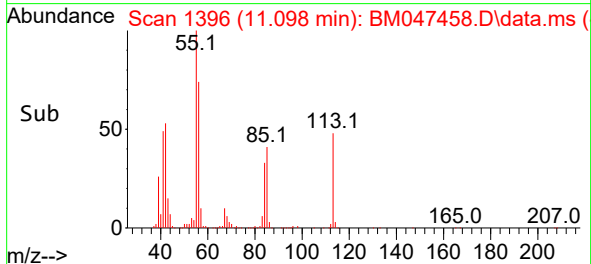
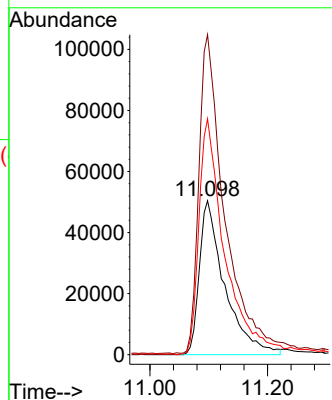
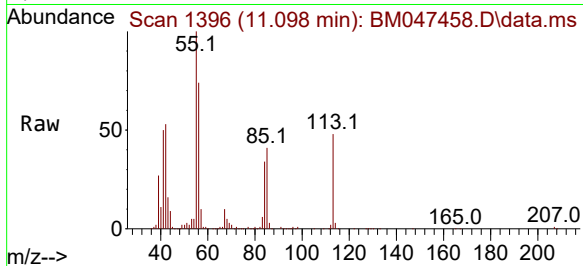




#35
 Caprolactam
 Concen: 41.414 ng
 RT: 11.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047458.D
 Acq: 06 Sep 2024 15:01

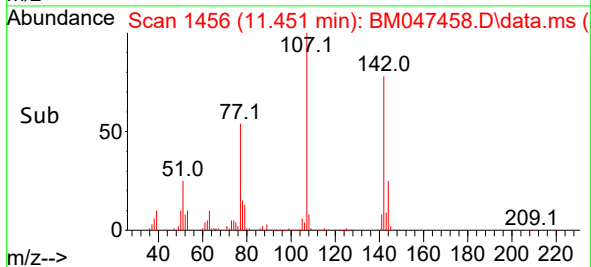
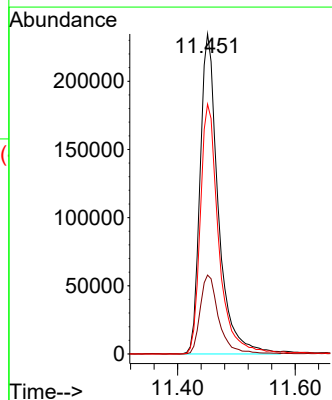
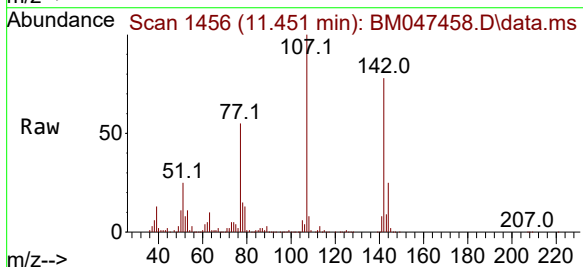
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

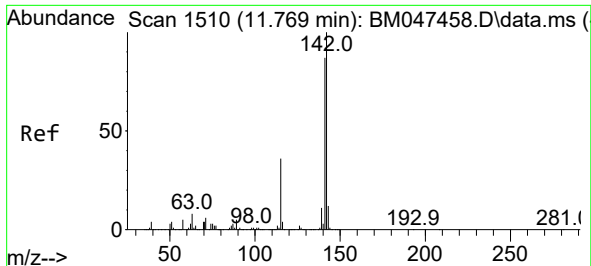
Tgt Ion:113 Resp: 151042
 Ion Ratio Lower Upper
 113 100
 55 207.9 187.9 227.9
 56 153.3 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.847 ng
 RT: 11.451 min Scan# 1456
 Delta R.T. 0.000 min
 Lab File: BM047458.D
 Acq: 06 Sep 2024 15:01

Tgt Ion:107 Resp: 503875
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.7 29.5
 142 78.0 62.4 93.6





#37

2-Methylnaphthalene

Concen: 40.714 ng

RT: 11.769 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

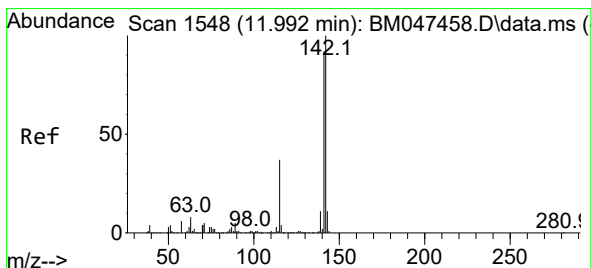
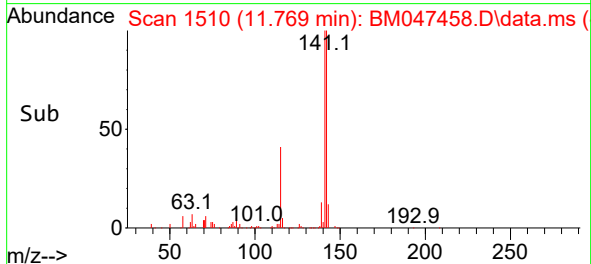
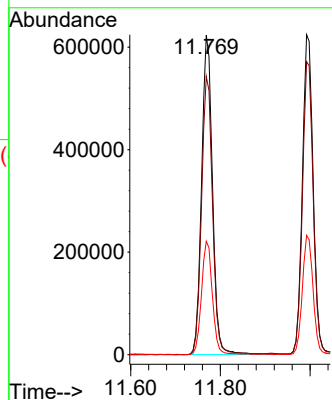
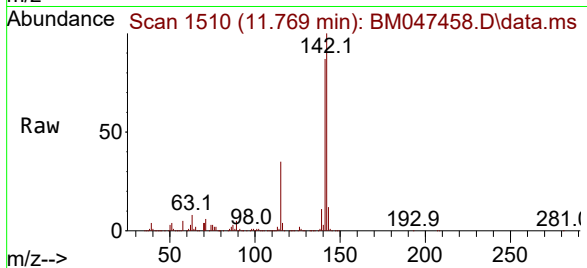
Tgt Ion:142 Resp: 1052963

Ion Ratio Lower Upper

142 100

141 87.1 69.7 104.5

115 35.5 28.4 42.6



#38

1-Methylnaphthalene

Concen: 40.441 ng

RT: 11.992 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

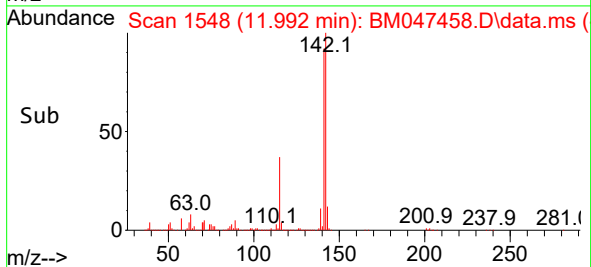
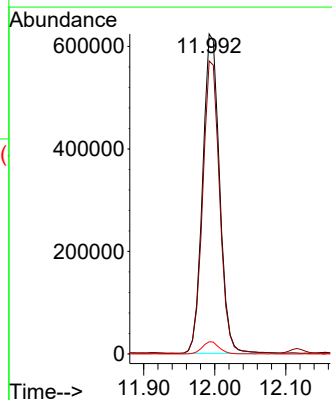
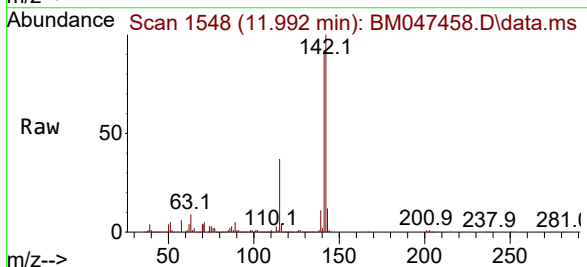
Tgt Ion:142 Resp: 1036015

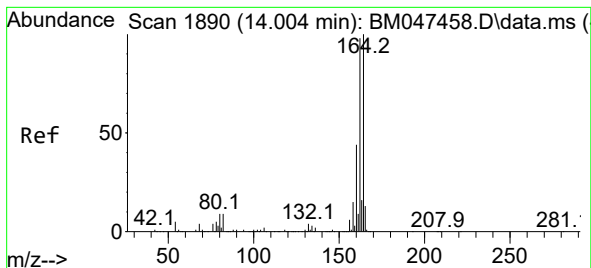
Ion Ratio Lower Upper

142 100

141 91.6 73.3 109.9

116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.004 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

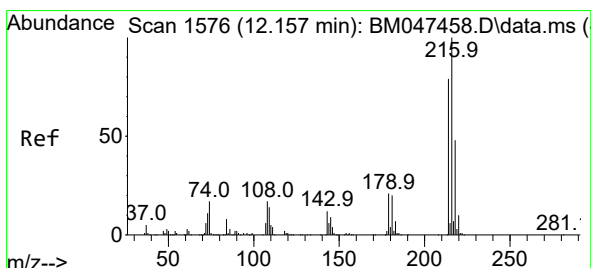
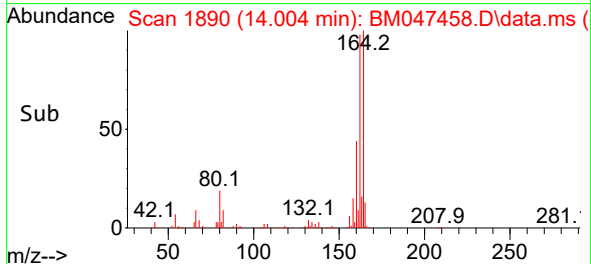
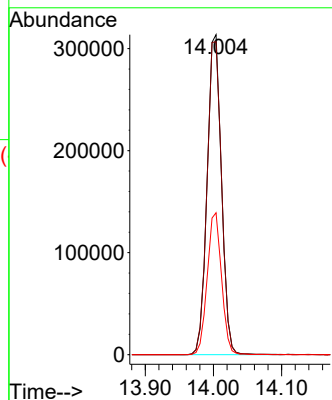
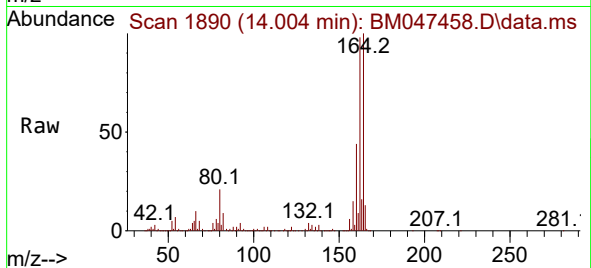
Tgt Ion:164 Resp: 457877

Ion Ratio Lower Upper

164 100

162 97.8 78.2 117.4

160 44.4 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.145 ng

RT: 12.157 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Tgt Ion:216 Resp: 565354

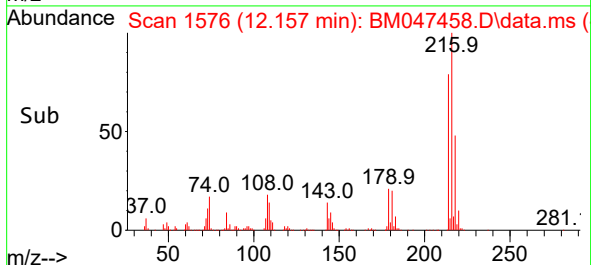
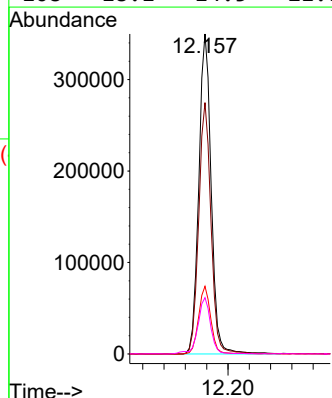
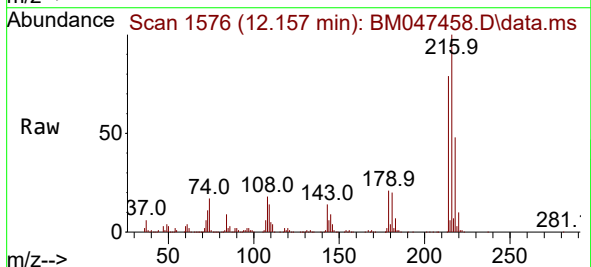
Ion Ratio Lower Upper

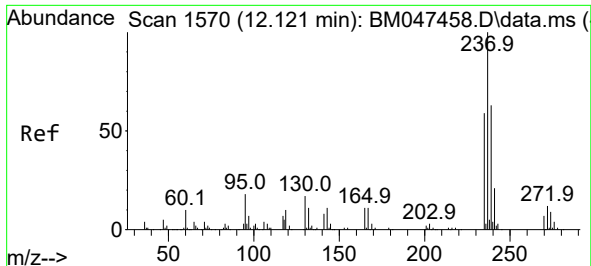
216 100

214 77.9 62.3 93.5

179 20.9 16.7 25.1

108 18.1 14.5 21.7

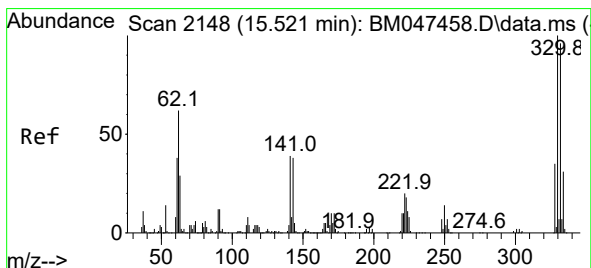
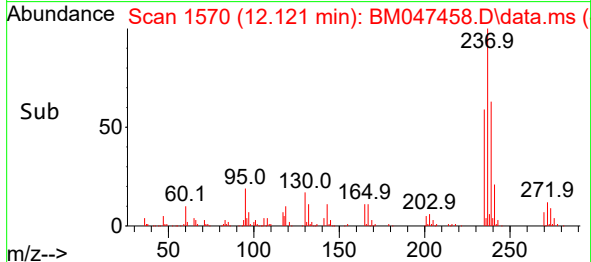
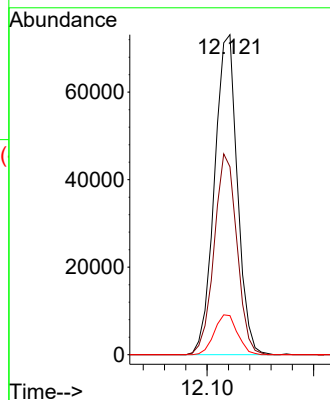
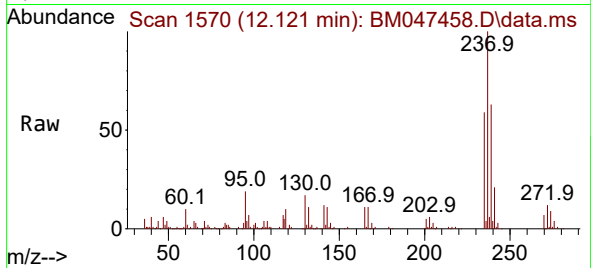




#41
Hexachlorocyclopentadiene
Concen: 49.864 ng
RT: 12.121 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

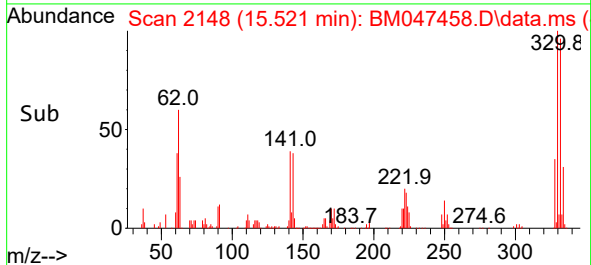
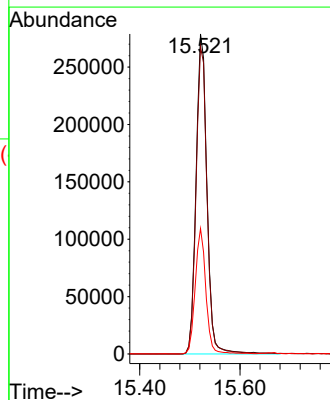
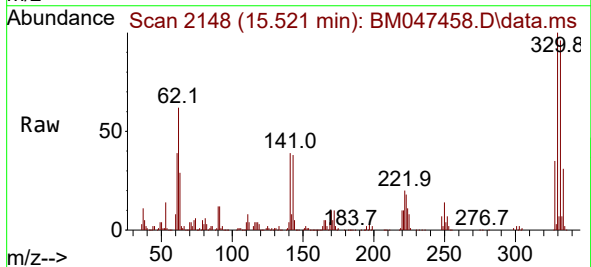
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

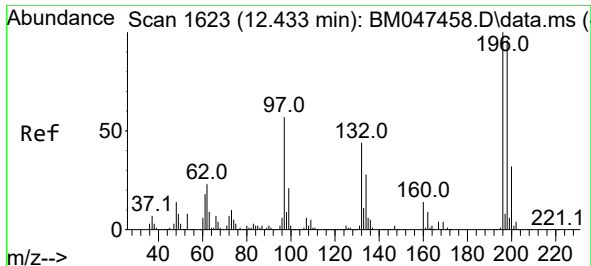
Tgt Ion:237 Resp: 108888
Ion Ratio Lower Upper
237 100
235 58.7 38.7 78.7
272 12.2 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 84.939 ng
RT: 15.521 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:330 Resp: 420637
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 38.3 30.6 46.0

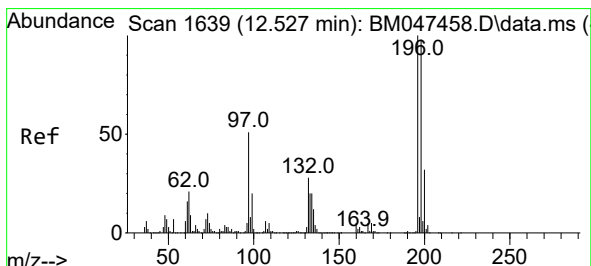
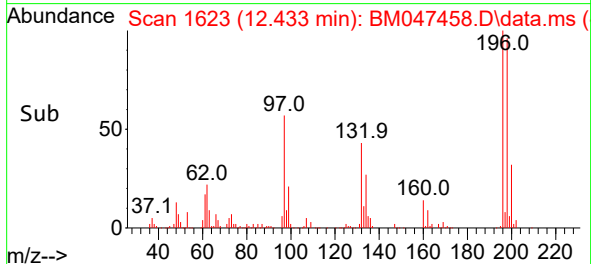
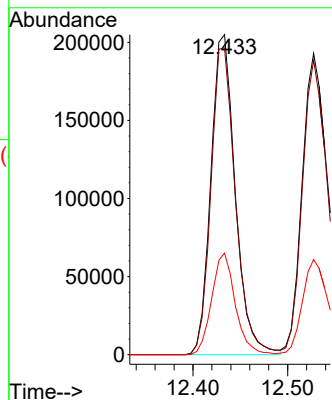
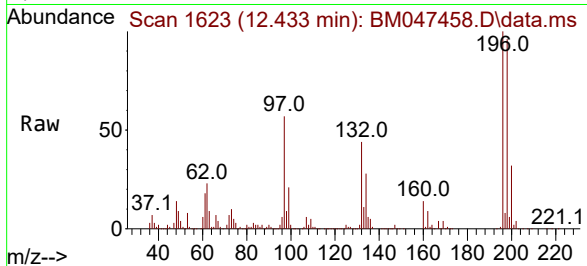




#43
2,4,6-Trichlorophenol
Concen: 42.844 ng
RT: 12.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

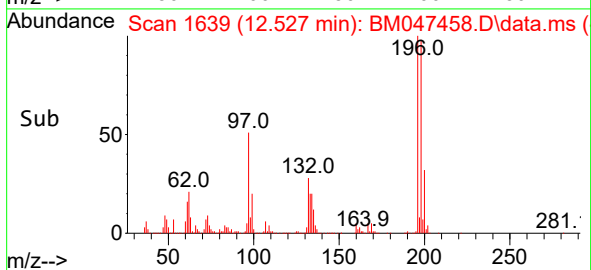
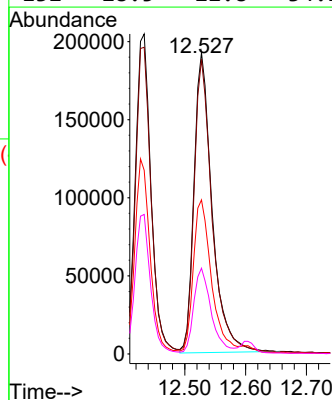
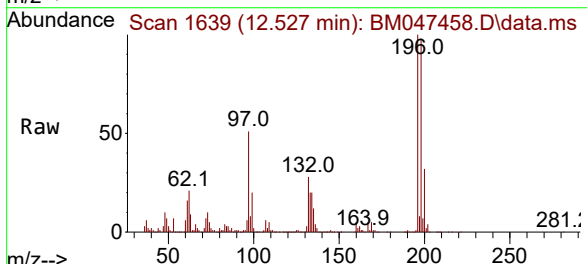
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

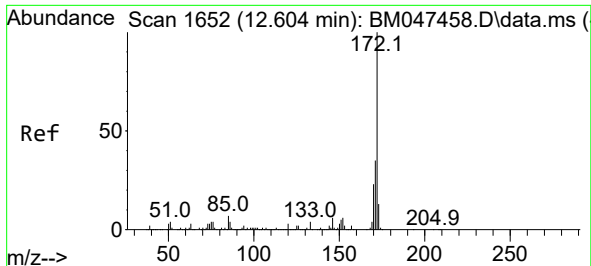
Tgt Ion:196 Resp: 366909
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
200 31.7 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 42.899 ng
RT: 12.527 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:196 Resp: 398610
Ion Ratio Lower Upper
196 100
198 97.8 78.2 117.4
97 51.2 41.0 61.4
132 28.5 22.8 34.2

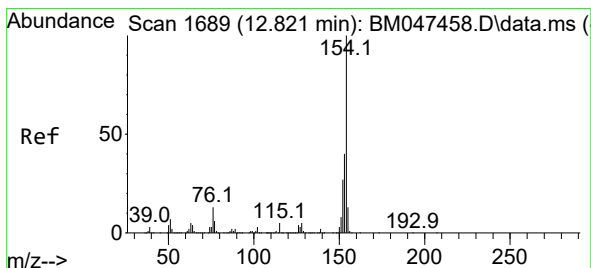
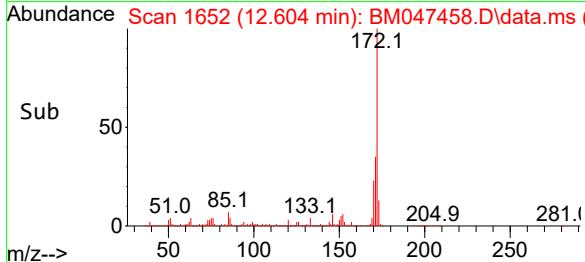
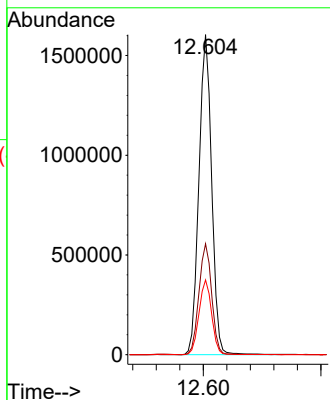
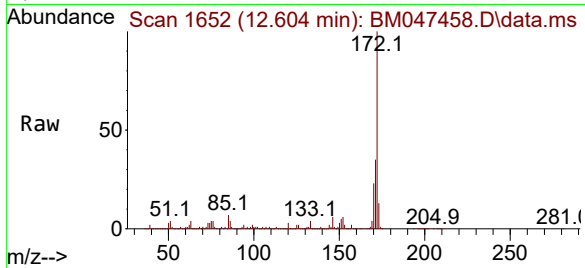




#45
2-Fluorobiphenyl
Concen: 82.210 ng
RT: 12.604 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

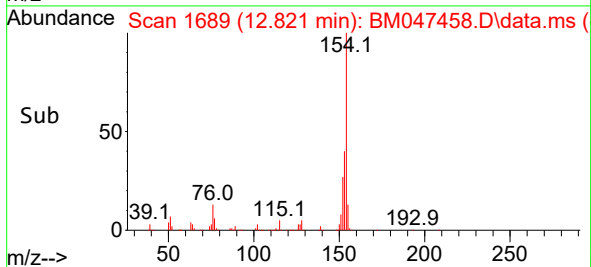
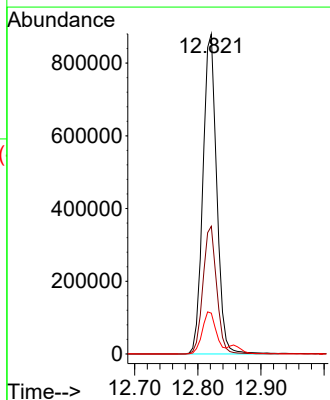
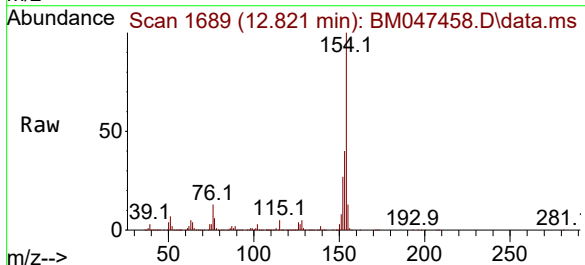
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

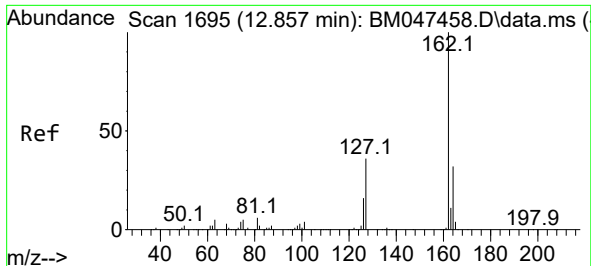
Tgt Ion:172 Resp: 2410765
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 41.420 ng
RT: 12.821 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:154 Resp: 1337516
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 12.8 0.0 32.8

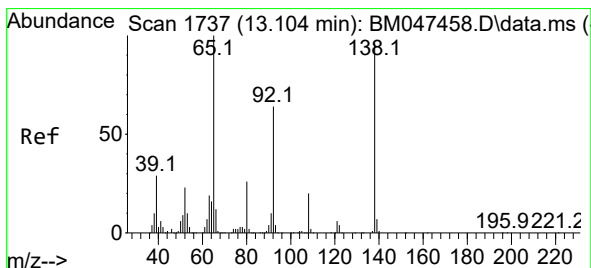
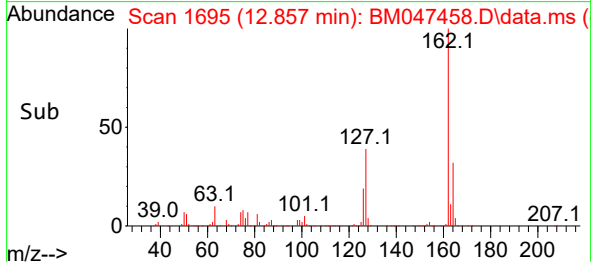
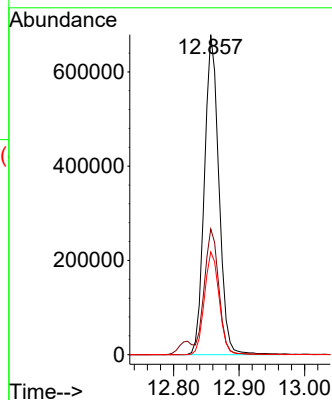
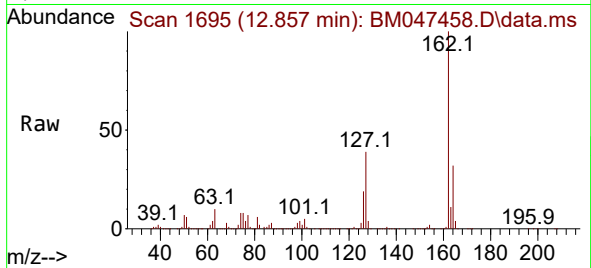




#47
2-Chloronaphthalene
Concen: 41.822 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

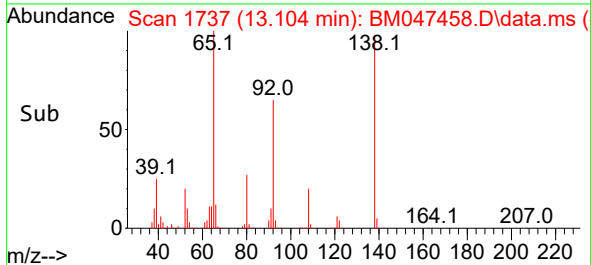
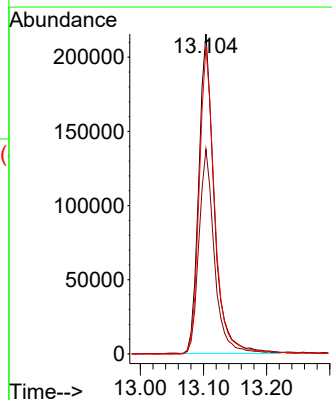
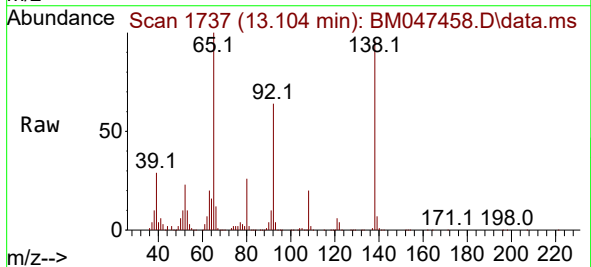
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

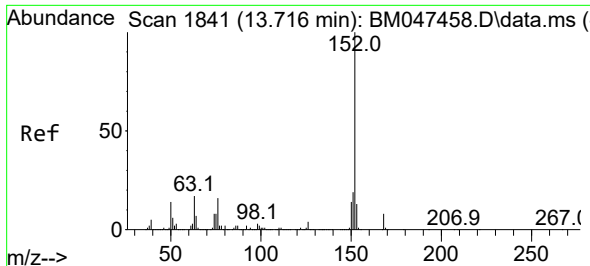
Tgt Ion:162 Resp: 1048790
Ion Ratio Lower Upper
162 100
127 39.3 31.4 47.2
164 32.1 25.7 38.5



#48
2-Nitroaniline
Concen: 42.887 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 65 Resp: 366529
Ion Ratio Lower Upper
65 100
92 64.0 51.2 76.8
138 96.0 76.8 115.2

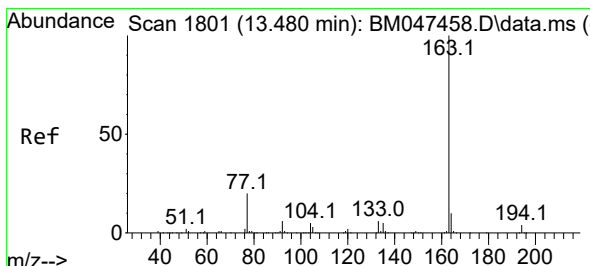
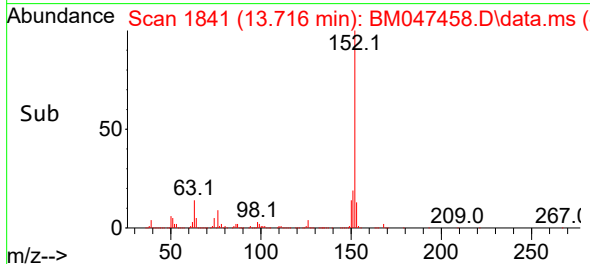
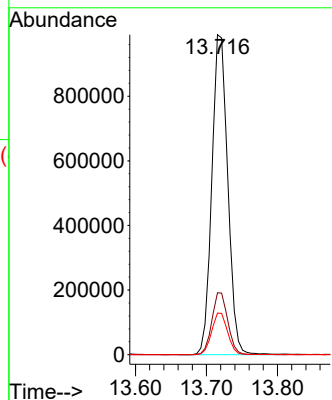
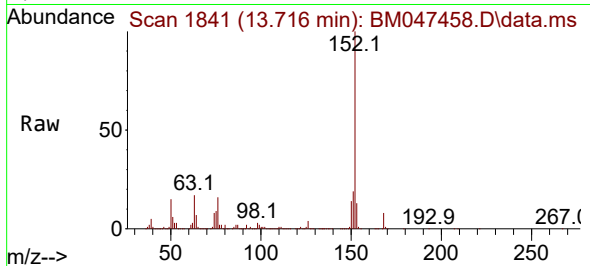




#49
Acenaphthylene
Concen: 41.961 ng
RT: 13.716 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

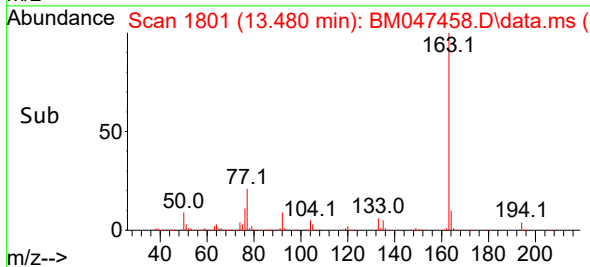
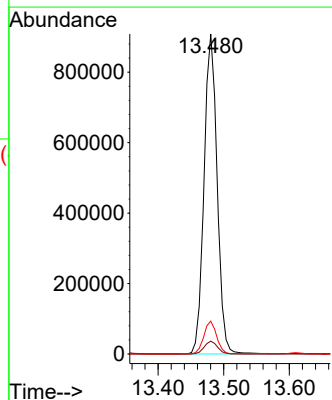
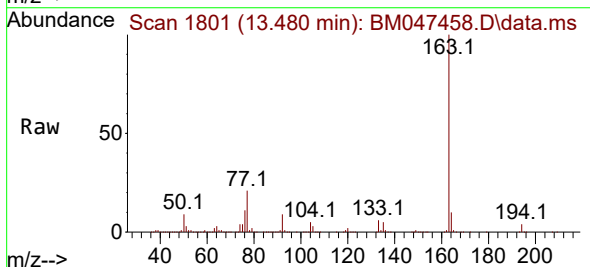
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

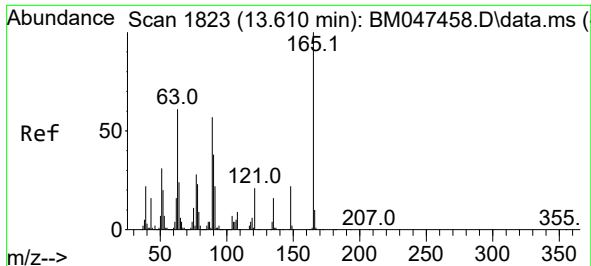
Tgt Ion:152 Resp: 1540399
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 42.058 ng
RT: 13.480 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:163 Resp: 1265003
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.4

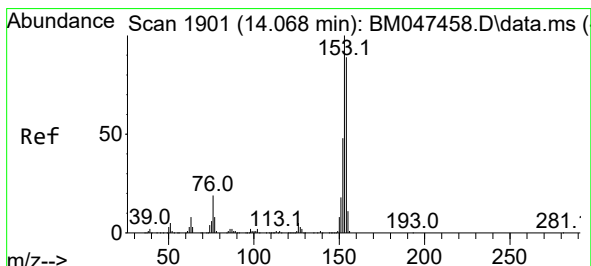
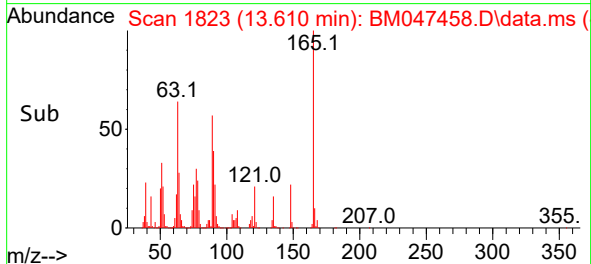
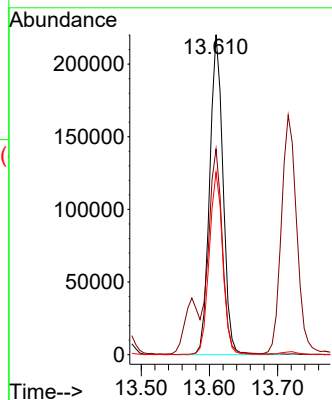
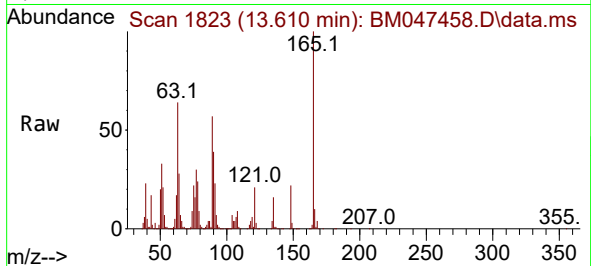




#51
2,6-Dinitrotoluene
Concen: 42.695 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

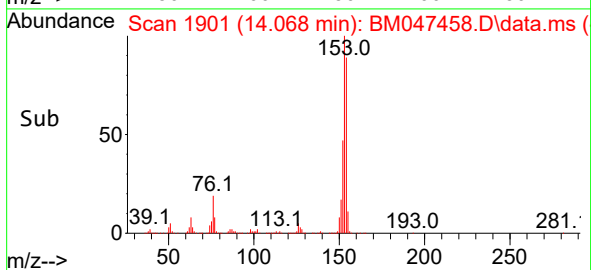
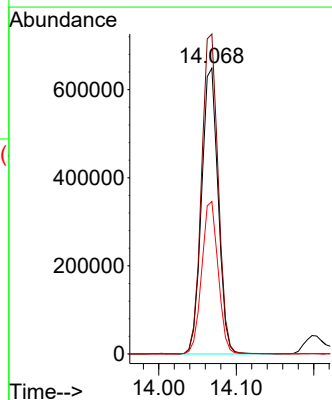
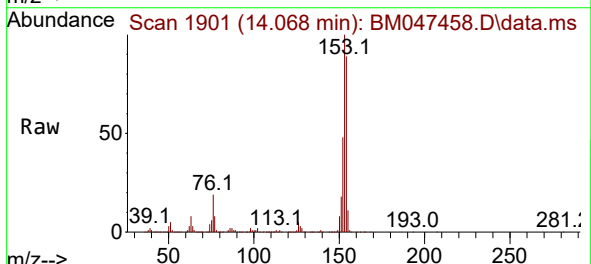
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

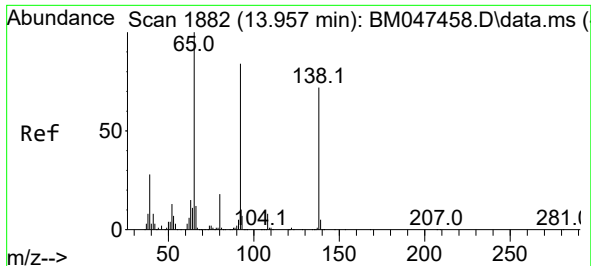
Tgt Ion:165 Resp: 300519
Ion Ratio Lower Upper
165 100
63 64.2 51.4 77.0
89 57.0 45.6 68.4



#52
Acenaphthene
Concen: 41.261 ng
RT: 14.068 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:154 Resp: 960134
Ion Ratio Lower Upper
154 100
153 112.0 89.6 134.4
152 53.4 42.7 64.1

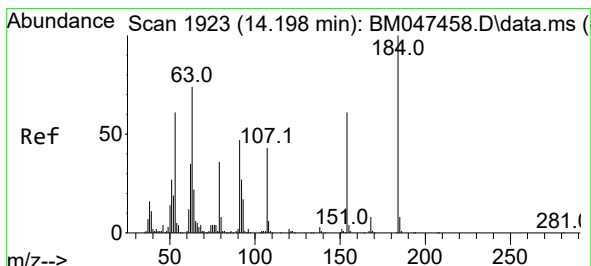
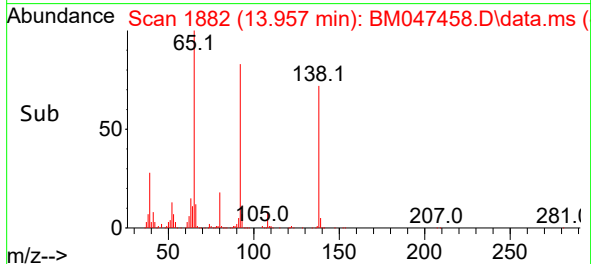
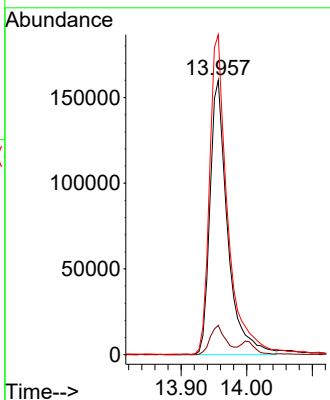
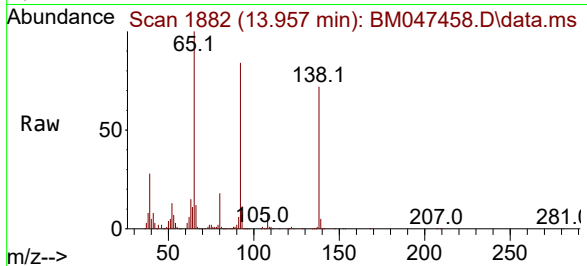




#53
3-Nitroaniline
Concen: 43.166 ng
RT: 13.957 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

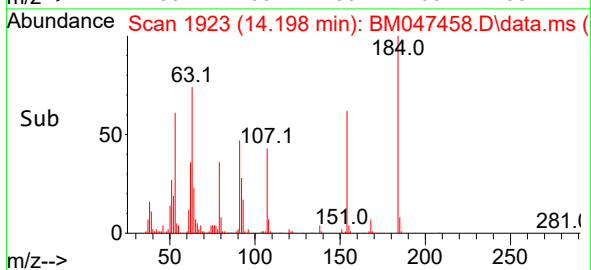
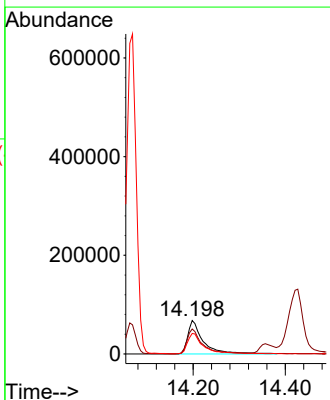
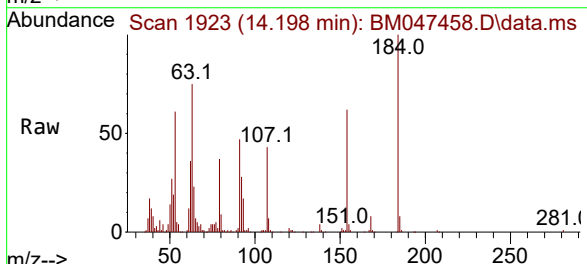
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

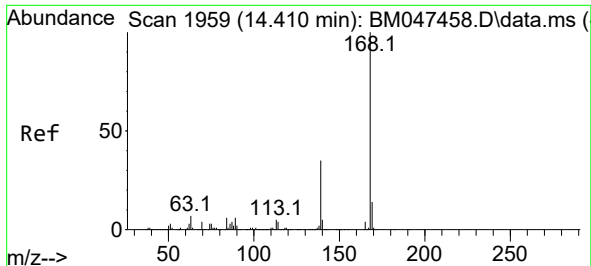
Tgt Ion:138 Resp: 299039
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 116.6 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 49.225 ng
RT: 14.198 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:184 Resp: 157588
Ion Ratio Lower Upper
184 100
63 74.8 59.8 89.8
154 61.6 49.3 73.9

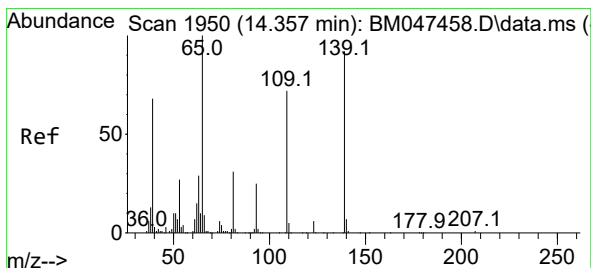
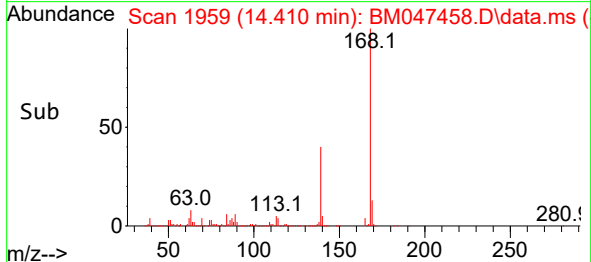
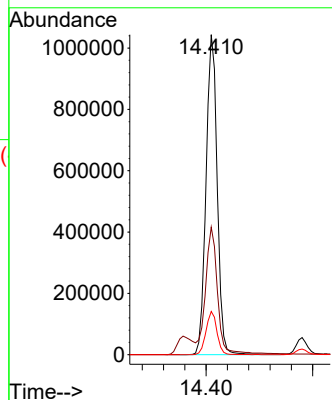
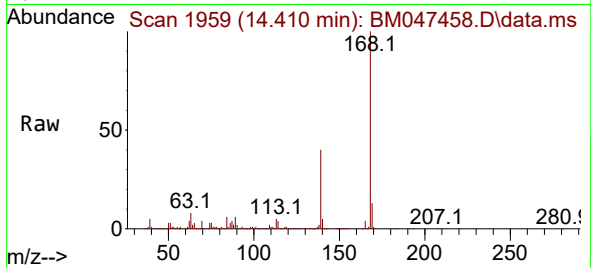




#55
Dibenzenofuran
Concen: 41.451 ng
RT: 14.410 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

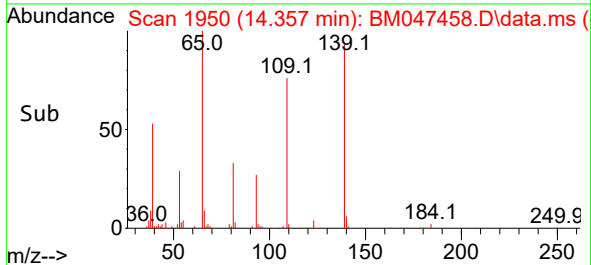
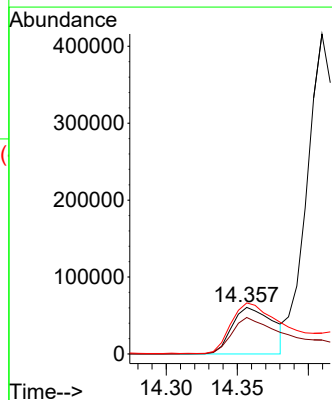
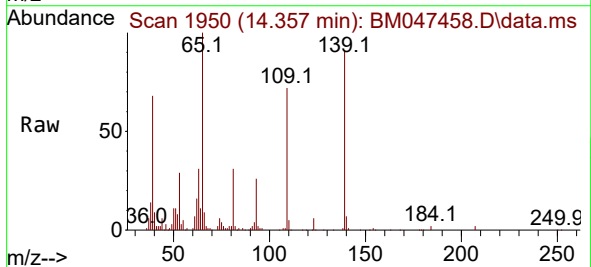
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

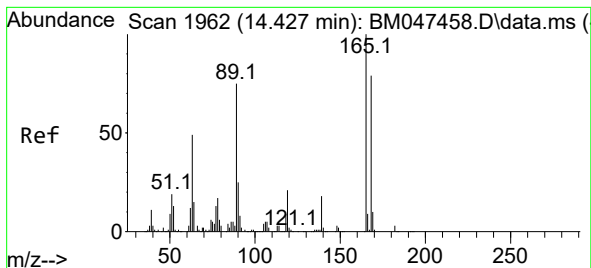
Tgt Ion:168 Resp: 1511208
Ion Ratio Lower Upper
168 100
139 39.9 31.9 47.9
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 12.360 ng
RT: 14.357 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:139 Resp: 121912
Ion Ratio Lower Upper
139 100
109 78.3 58.3 98.3
65 109.4 89.4 129.4

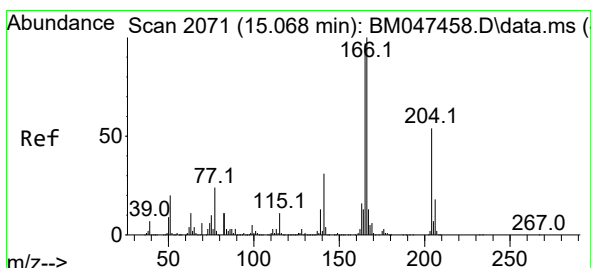
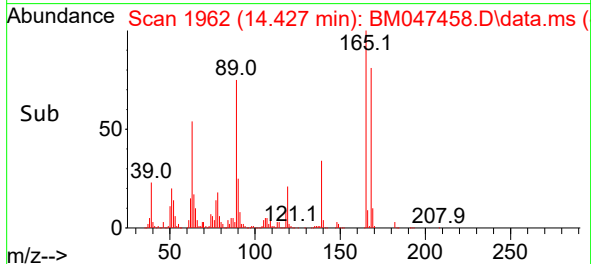
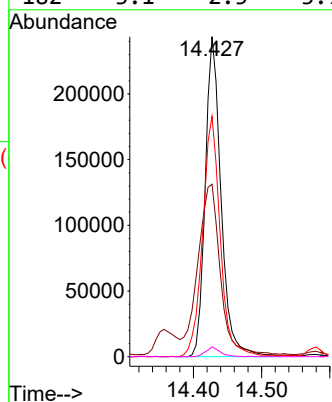
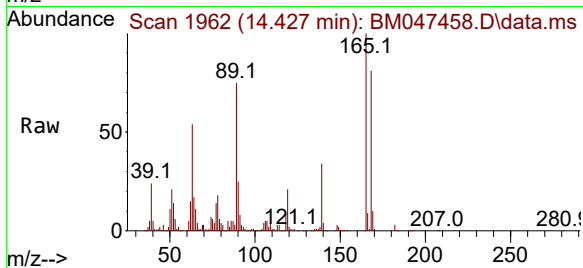




#57
2,4-Dinitrotoluene
Concen: 42.952 ng
RT: 14.427 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

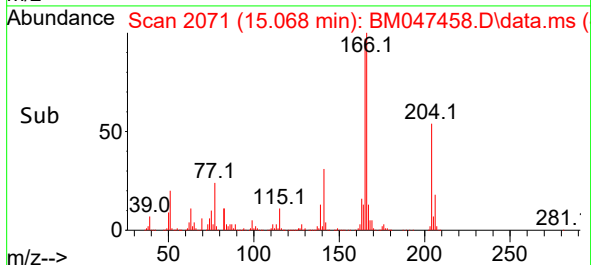
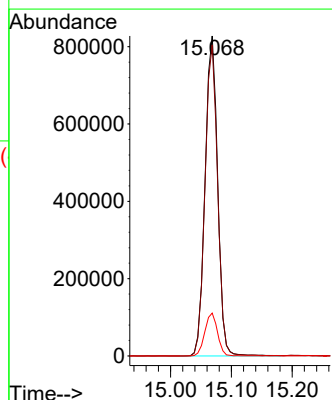
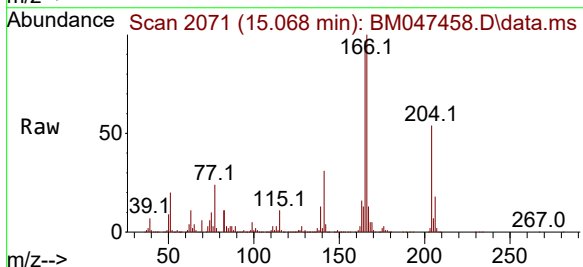
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

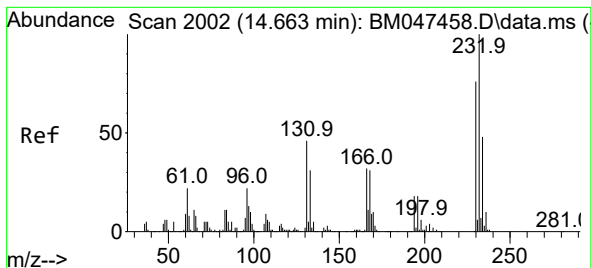
Tgt Ion:165 Resp: 393819
Ion Ratio Lower Upper
165 100
63 53.9 43.1 64.7
89 75.1 60.1 90.1
182 3.1 2.5 3.7



#58
Fluorene
Concen: 41.134 ng
RT: 15.068 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:166 Resp: 1191137
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.4 10.7 16.1

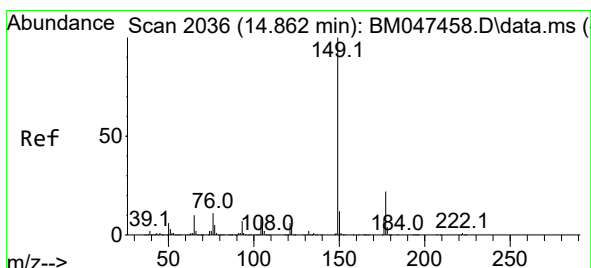
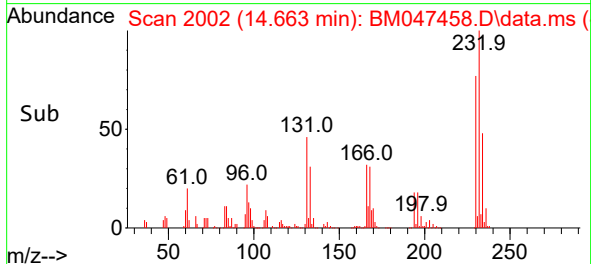
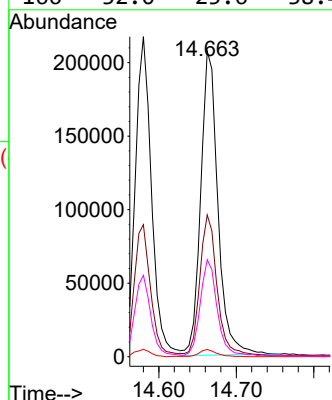
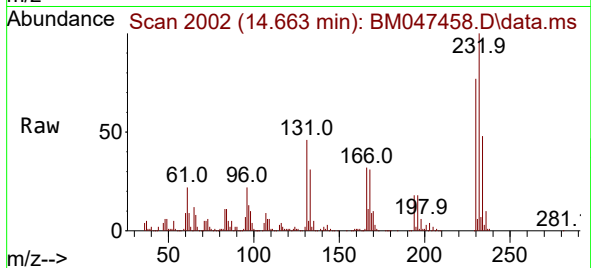




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.623 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

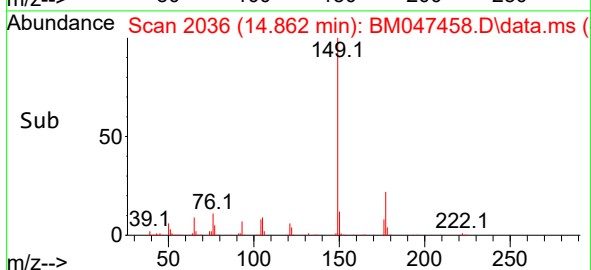
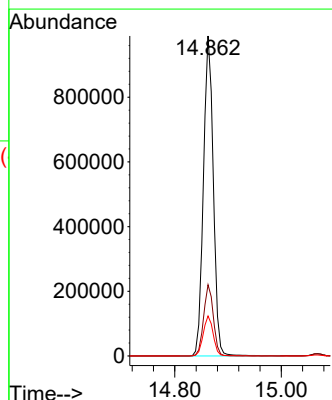
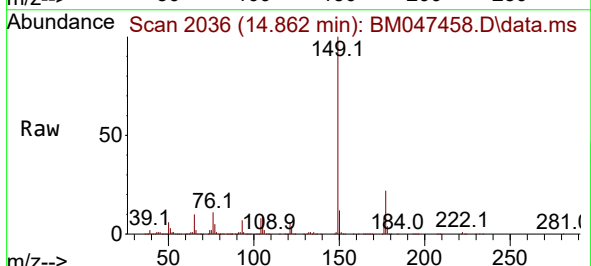
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

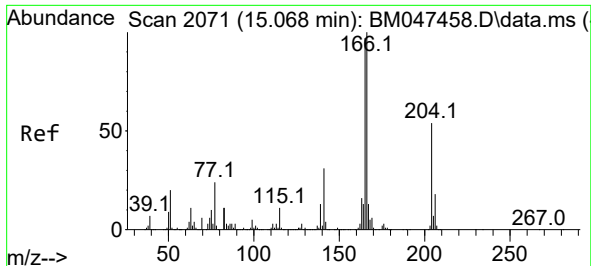
Tgt Ion:232 Resp: 319813
Ion Ratio Lower Upper
232 100
131 47.2 37.8 56.6
130 2.4 1.9 2.9
166 32.0 25.6 38.4



#60
Diethylphthalate
Concen: 41.718 ng
RT: 14.862 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:149 Resp: 1272469
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.5 10.0 15.0

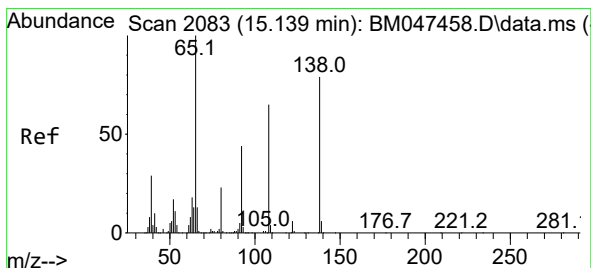
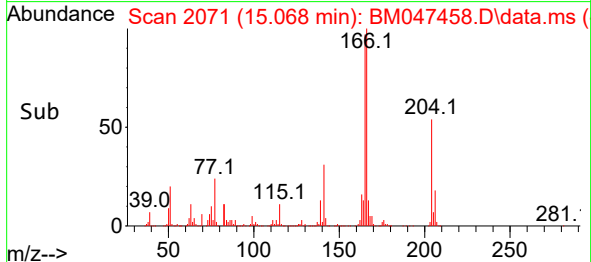
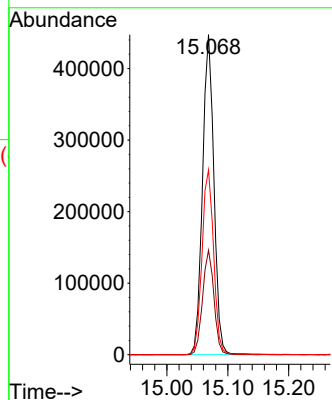
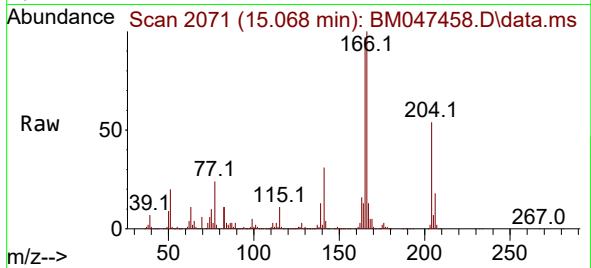




#61
4-Chlorophenyl-phenylether
Concen: 40.919 ng
RT: 15.068 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

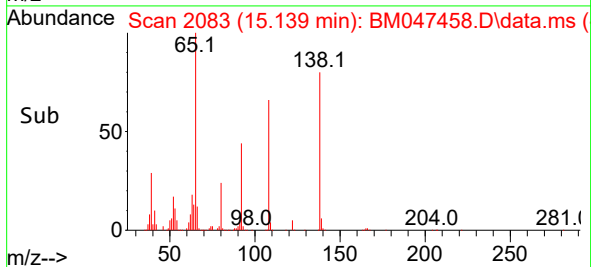
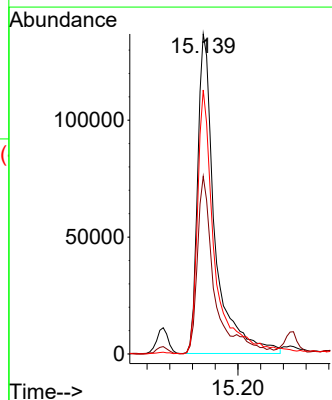
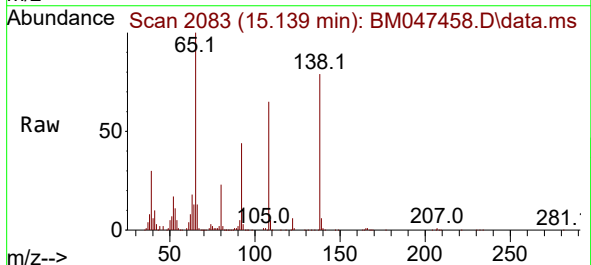
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

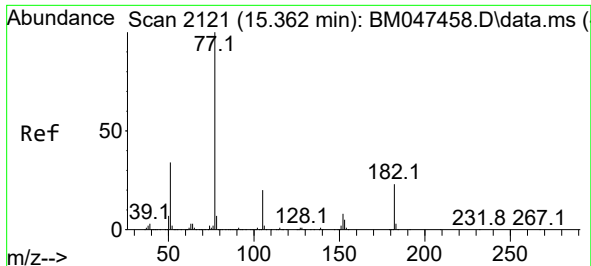
Tgt Ion:204 Resp: 581734
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 57.7 46.2 69.2



#62
4-Nitroaniline
Concen: 43.595 ng
RT: 15.139 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:138 Resp: 290572
Ion Ratio Lower Upper
138 100
92 55.5 35.5 75.5
108 82.5 62.5 102.5

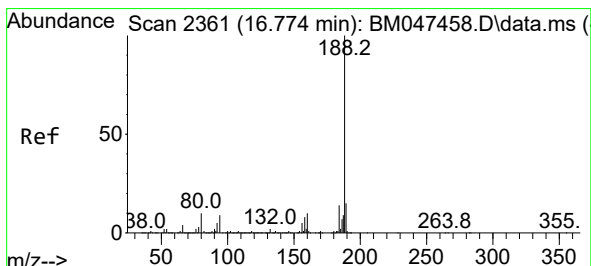
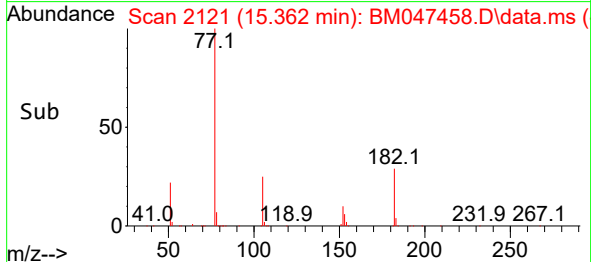
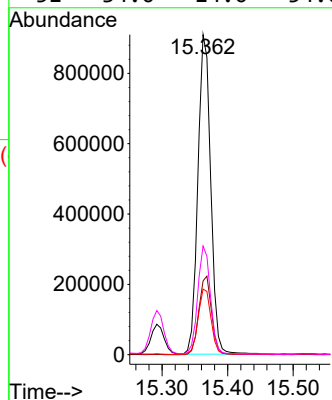
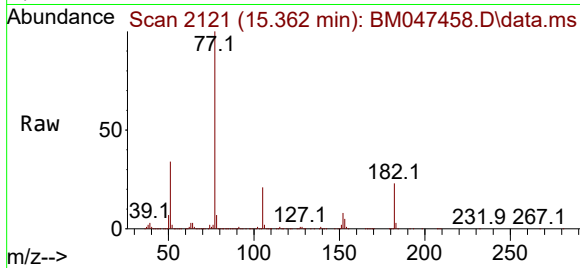




#63
Azobenzene
Concen: 41.678 ng
RT: 15.362 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

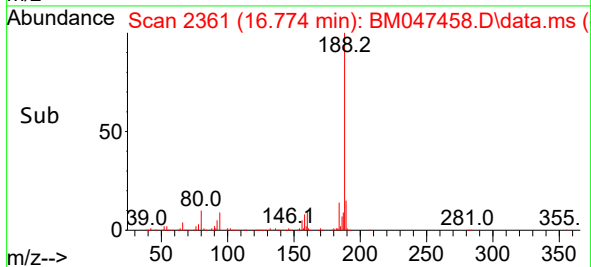
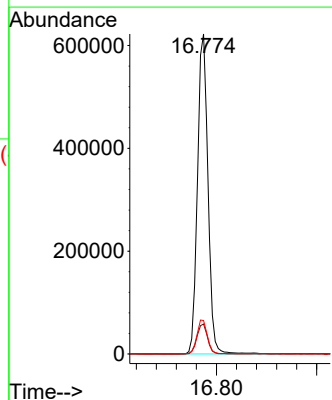
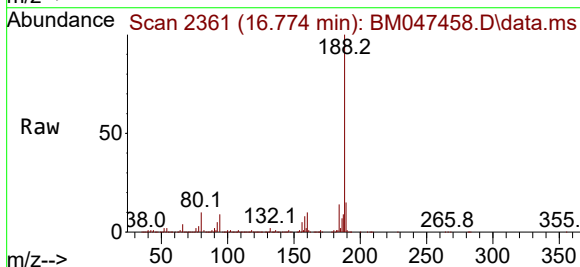
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

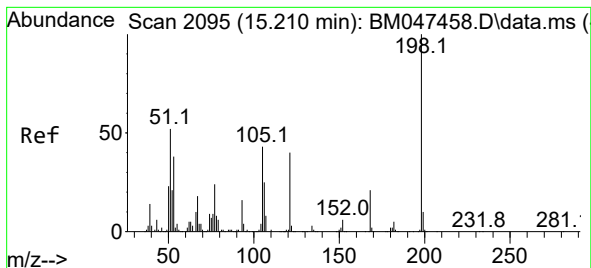
Tgt Ion: 77 Resp: 1238576
Ion Ratio Lower Upper
77 100
182 23.0 3.0 43.0
105 20.5 0.5 40.5
51 34.0 14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:188 Resp: 900326
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.5 8.4 12.6

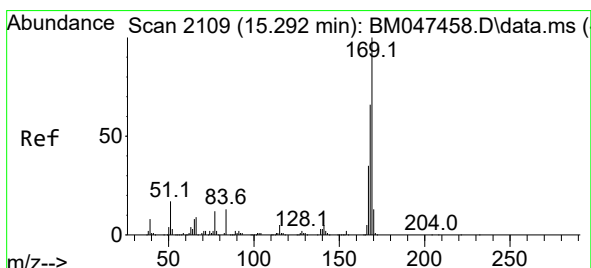
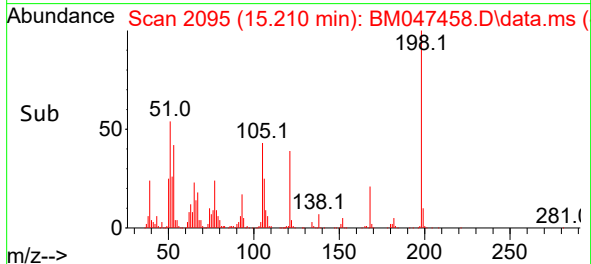
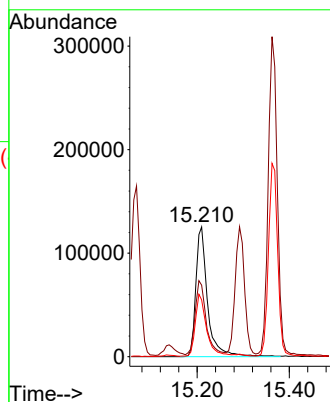
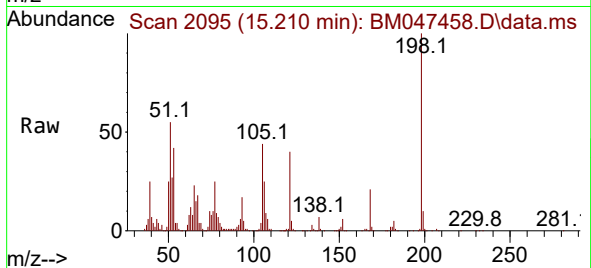




#65
4,6-Dinitro-2-methylphenol
Concen: 45.120 ng
RT: 15.210 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

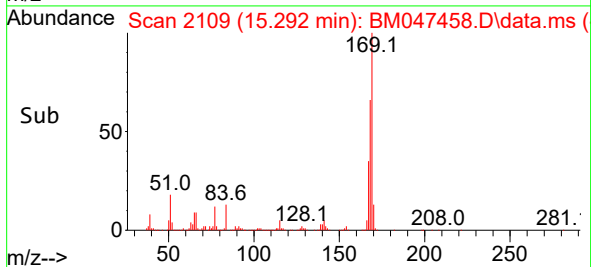
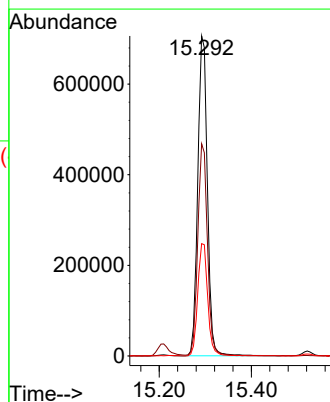
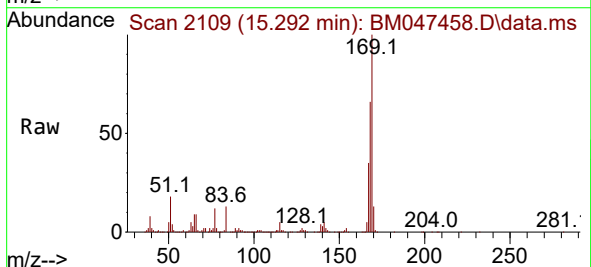
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

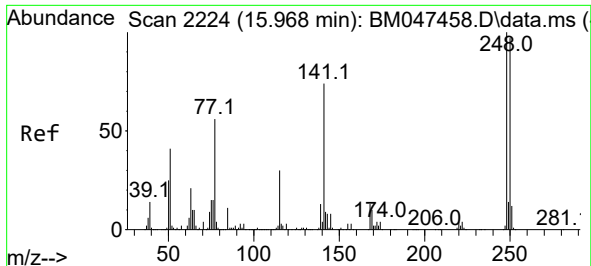
Tgt Ion:198 Resp: 221242
Ion Ratio Lower Upper
198 100
51 55.1 35.1 75.1
105 43.8 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 41.741 ng
RT: 15.292 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:169 Resp: 1018285
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.1 28.1 42.1

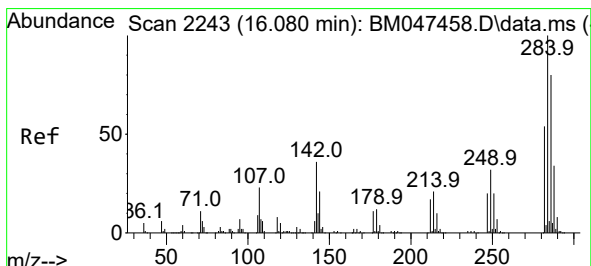
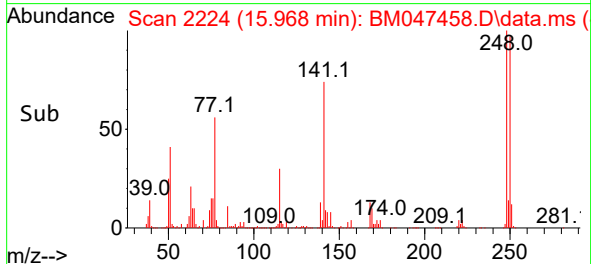
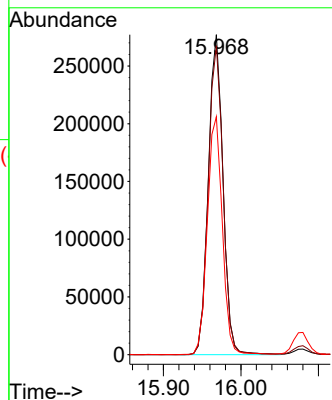
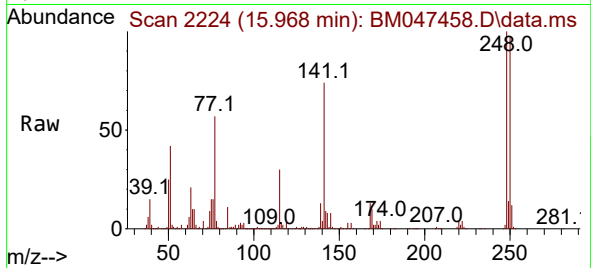




#67
4-Bromophenyl-phenylether
Concen: 41.601 ng
RT: 15.968 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

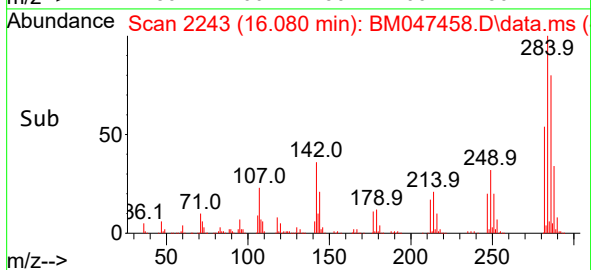
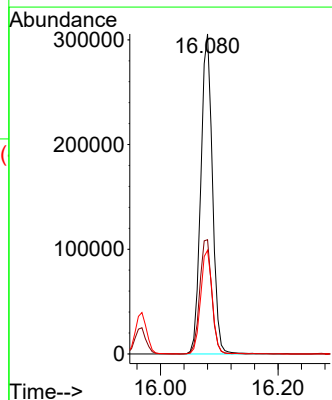
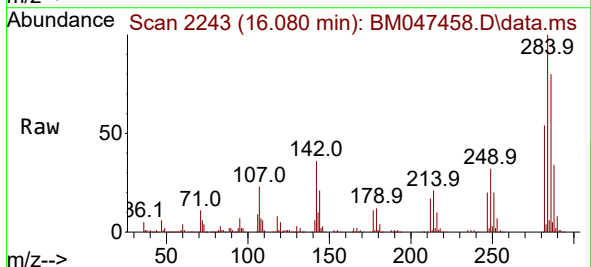
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

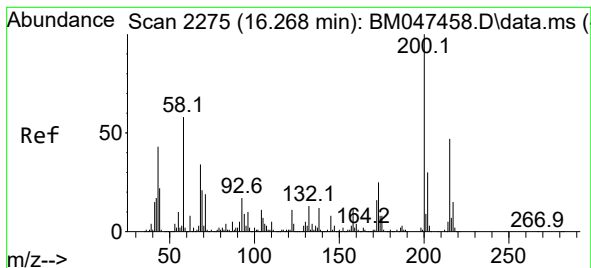
Tgt Ion:248 Resp: 365505
Ion Ratio Lower Upper
248 100
250 96.6 77.3 115.9
141 74.4 59.5 89.3



#68
Hexachlorobenzene
Concen: 41.157 ng
RT: 16.080 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:284 Resp: 419604
Ion Ratio Lower Upper
284 100
142 35.7 28.6 42.8
249 32.4 25.9 38.9





#69

Atrazine

Concen: 45.046 ng

RT: 16.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

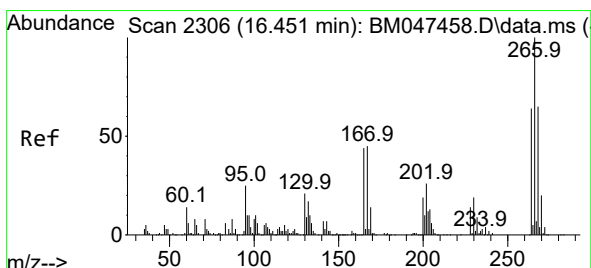
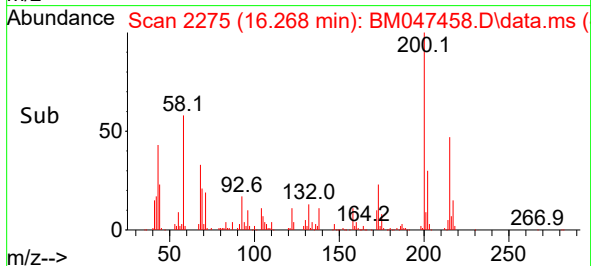
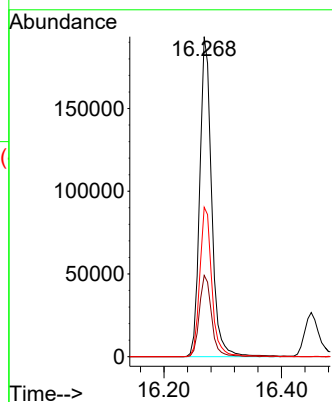
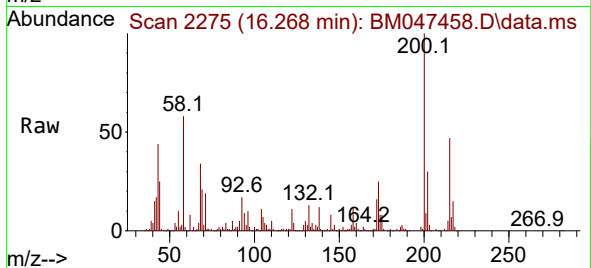
Tgt Ion:200 Resp: 271644

Ion Ratio Lower Upper

200 100

173 25.4 5.4 45.4

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 43.604 ng

RT: 16.451 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

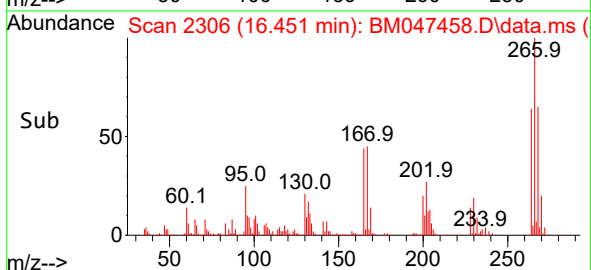
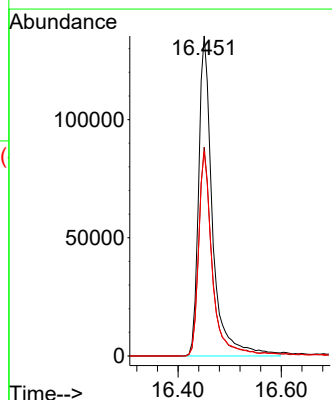
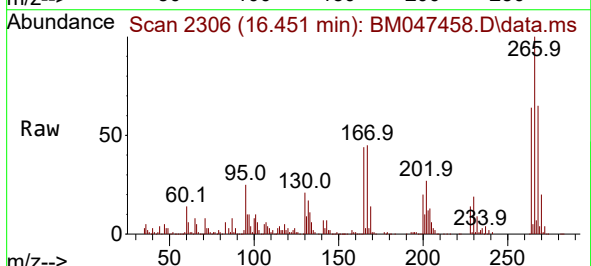
Tgt Ion:266 Resp: 252316

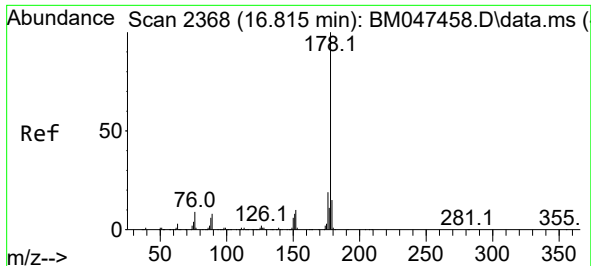
Ion Ratio Lower Upper

266 100

268 65.2 52.2 78.2

264 63.8 51.0 76.6

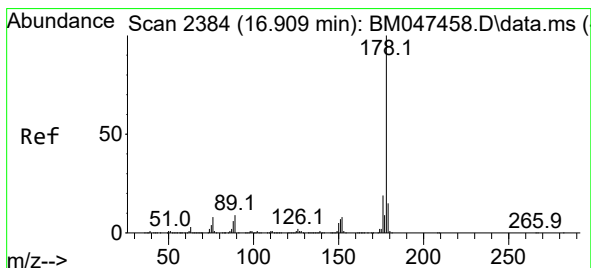
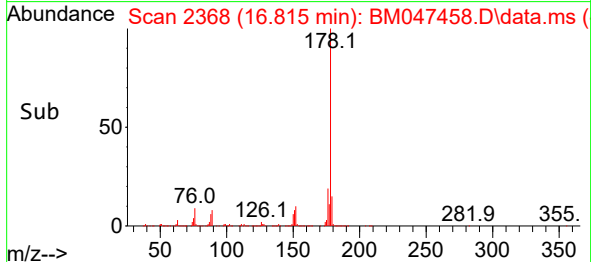
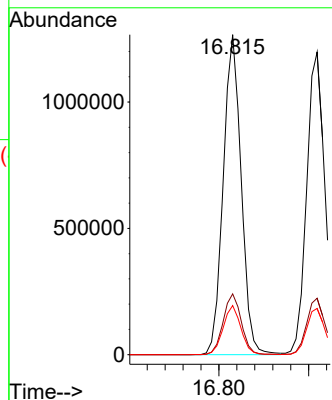
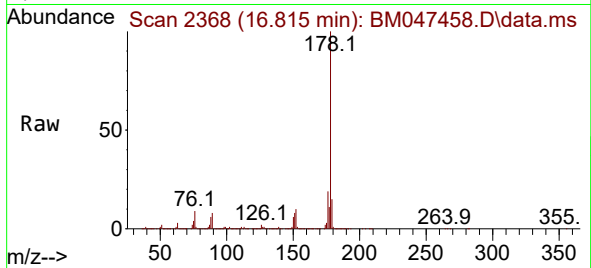




#71
Phenanthrene
Concen: 40.888 ng
RT: 16.815 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

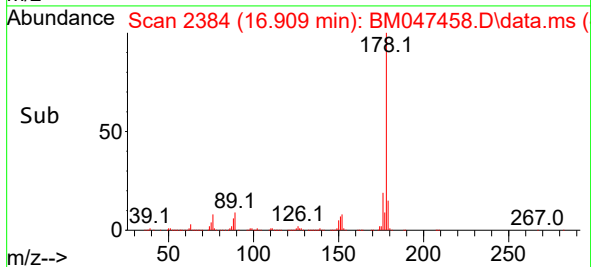
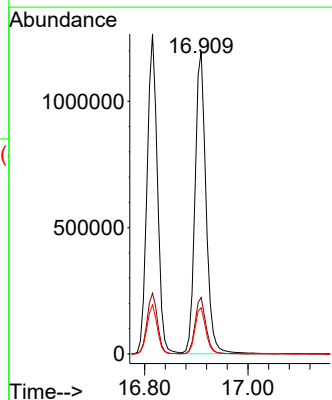
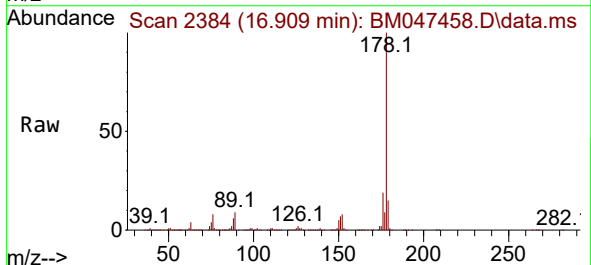
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

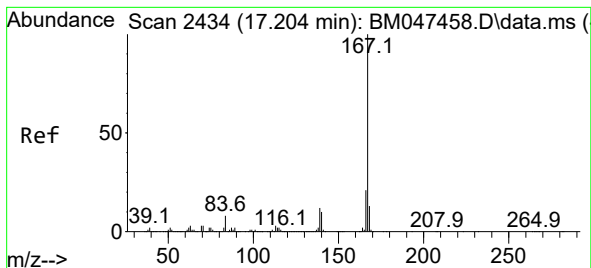
Tgt Ion:178 Resp: 1760663
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.4 12.3 18.5



#72
Anthracene
Concen: 41.533 ng
RT: 16.909 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BM047458.D
Acq: 06 Sep 2024 15:01

Tgt Ion:178 Resp: 1763061
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





#73

Carbazole

Concen: 41.451 ng

RT: 17.204 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

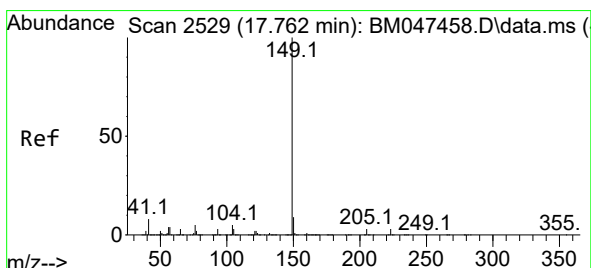
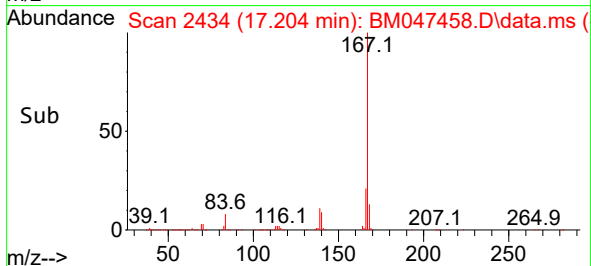
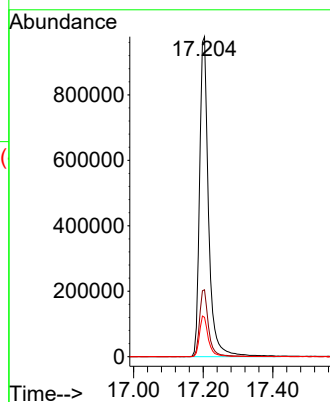
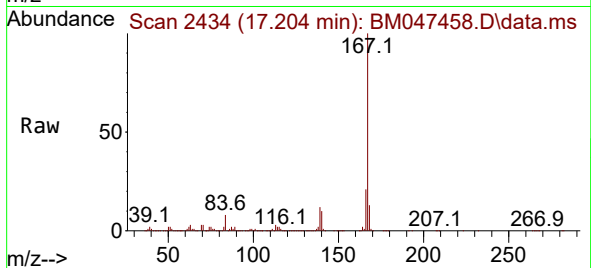
Tgt Ion:167 Resp: 1754222

Ion Ratio Lower Upper

167 100

166 20.9 16.7 25.1

139 12.3 9.8 14.8



#74

Di-n-butylphthalate

Concen: 41.268 ng

RT: 17.762 min Scan# 2529

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

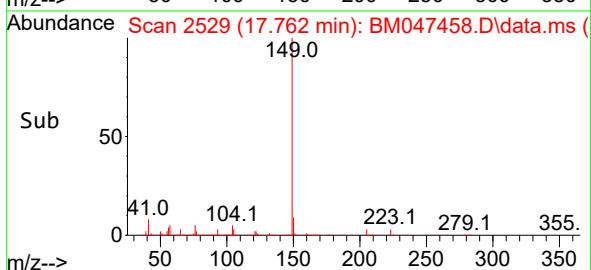
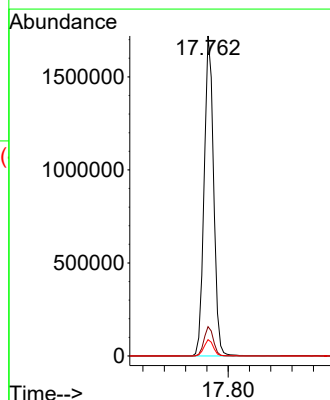
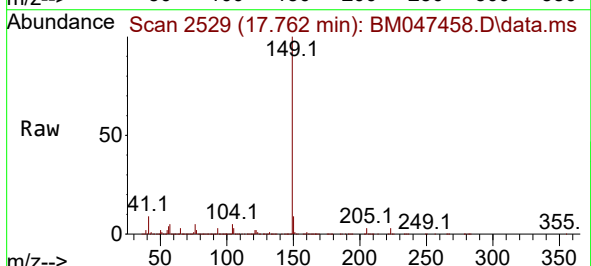
Tgt Ion:149 Resp: 2117184

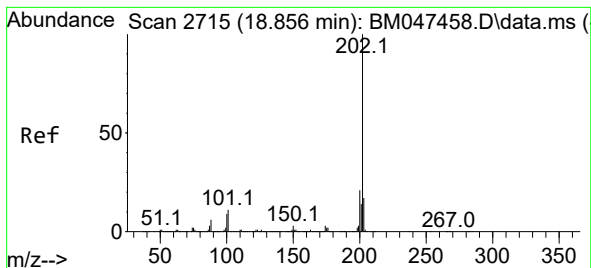
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 40.275 ng

RT: 18.856 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

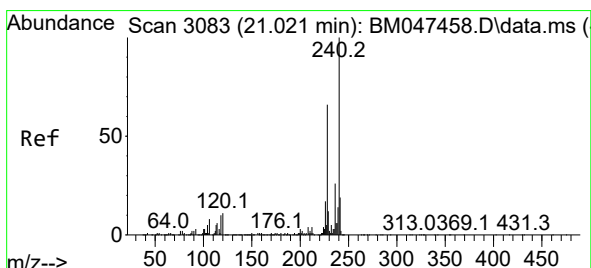
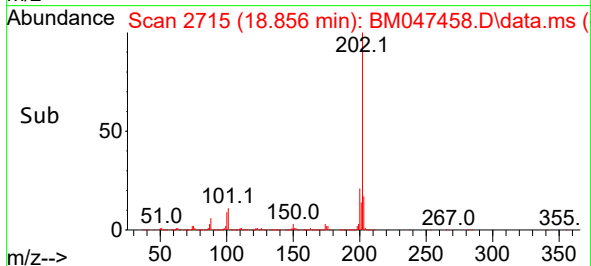
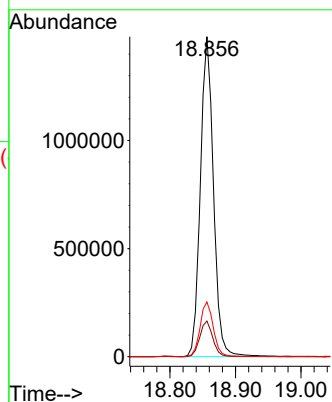
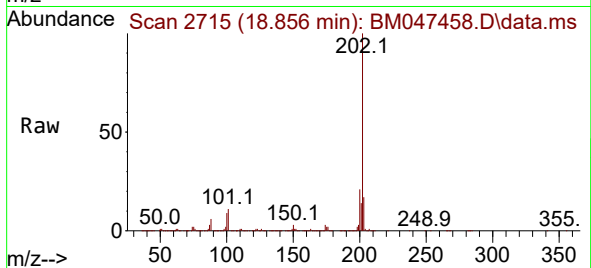
Tgt Ion:202 Resp: 2061684

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.2

203 17.1 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

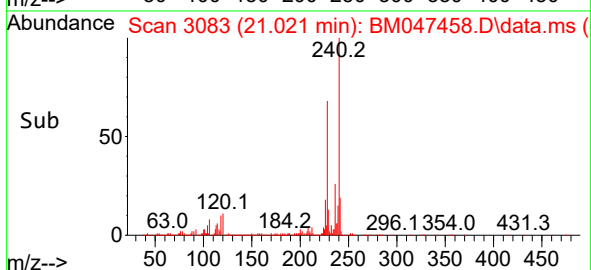
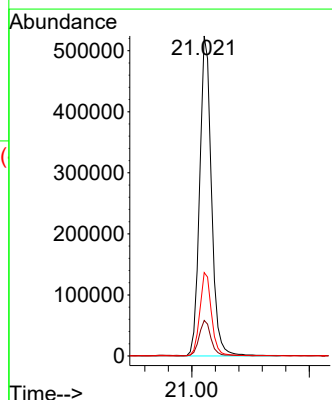
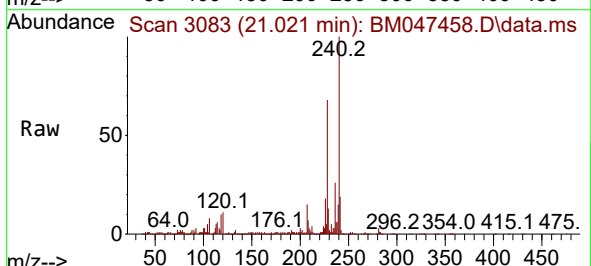
Tgt Ion:240 Resp: 729571

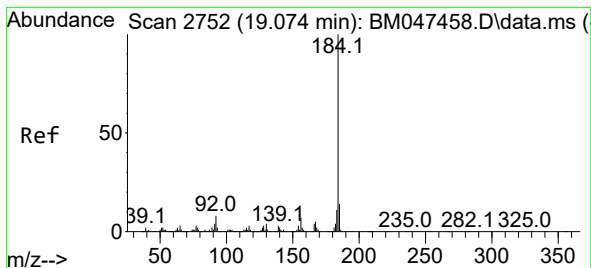
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 26.0 20.8 31.2





#77

Benzidine

Concen: 60.578 ng

RT: 19.074 min Scan# 2752

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

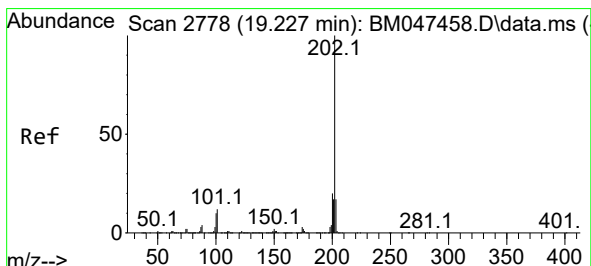
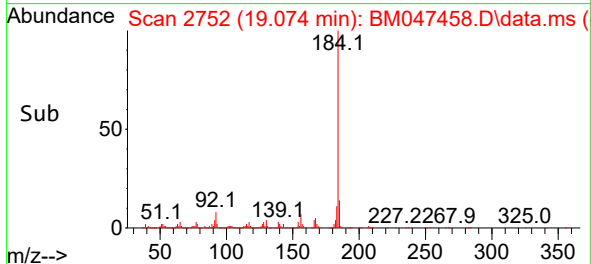
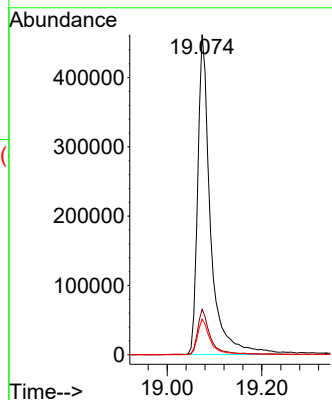
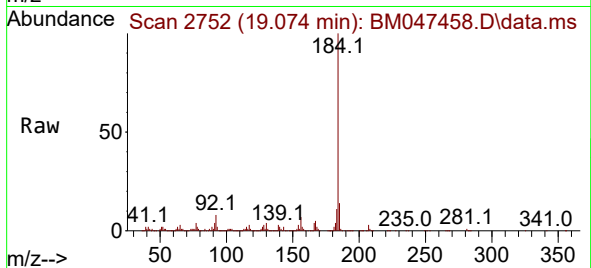
Tgt Ion:184 Resp: 865466

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.1 8.9 13.3



#78

Pyrene

Concen: 41.952 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

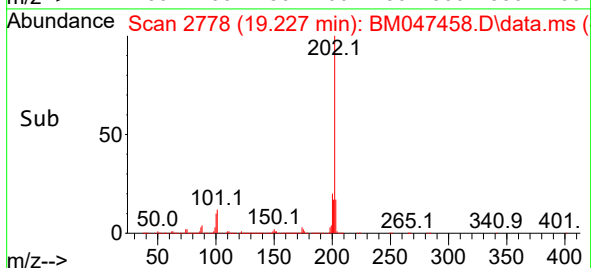
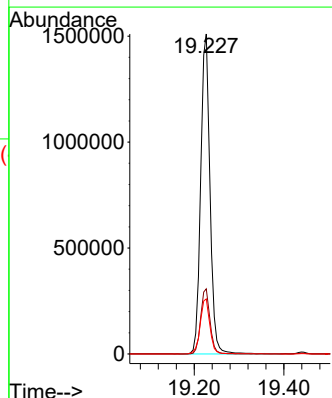
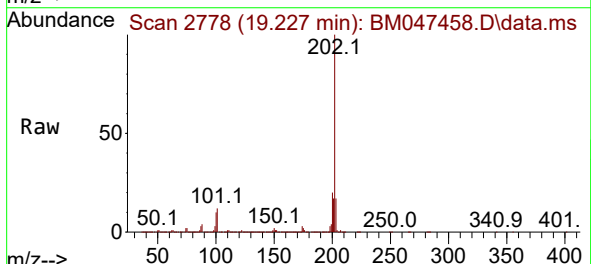
Tgt Ion:202 Resp: 2164035

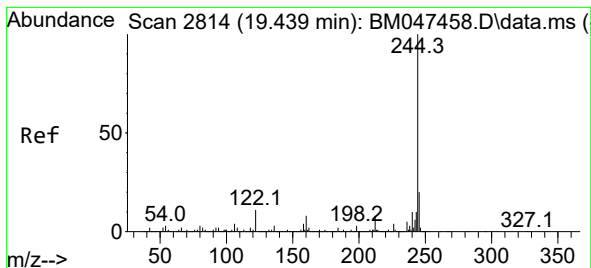
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 82.637 ng

RT: 19.439 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

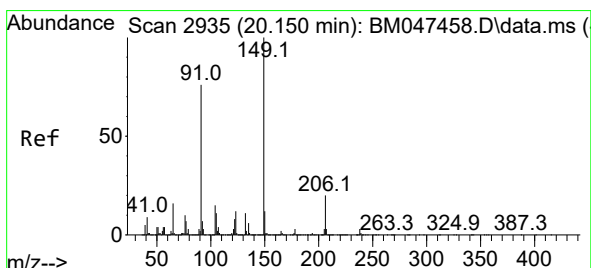
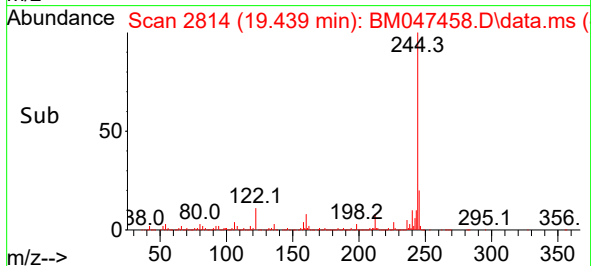
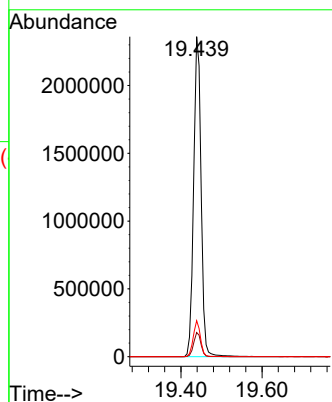
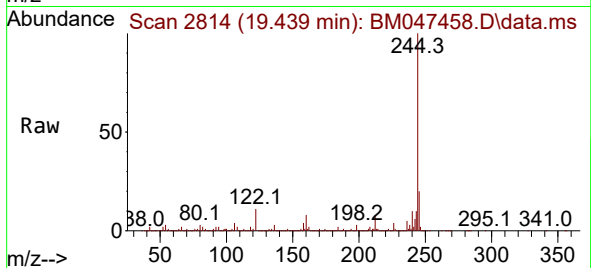
Tgt Ion:244 Resp: 3010668

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 11.3 9.0 13.6



#80

Butylbenzylphthalate

Concen: 41.957 ng

RT: 20.150 min Scan# 2935

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

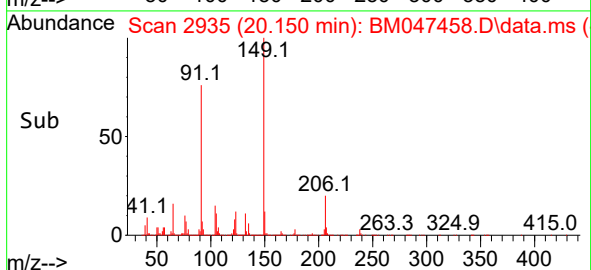
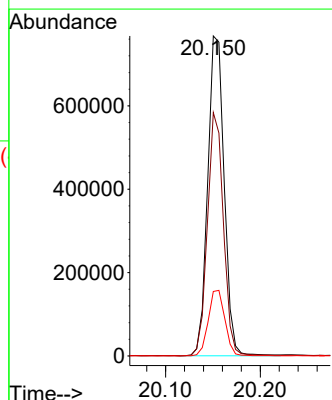
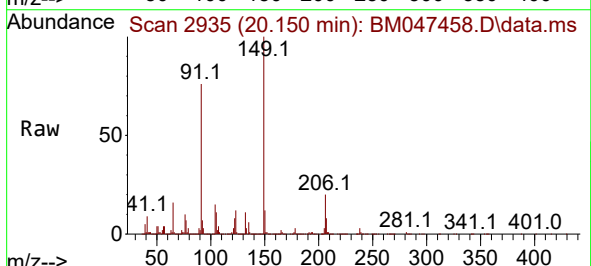
Tgt Ion:149 Resp: 926604

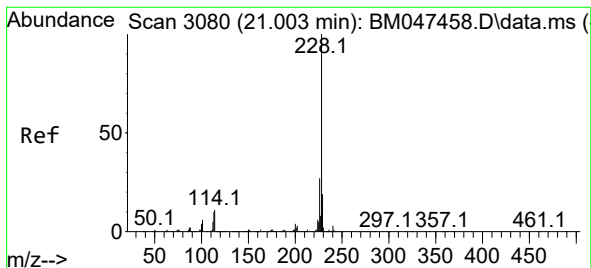
Ion Ratio Lower Upper

149 100

91 76.0 60.8 91.2

206 20.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.828 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

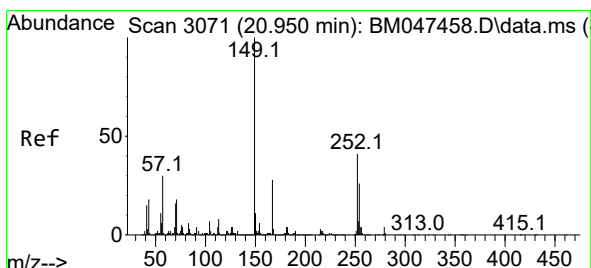
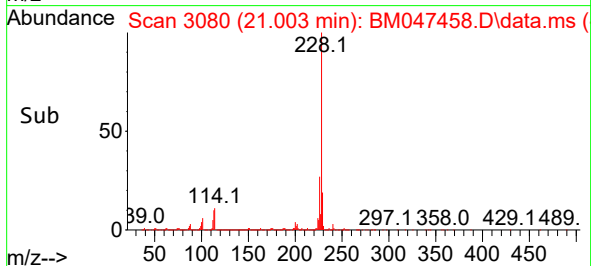
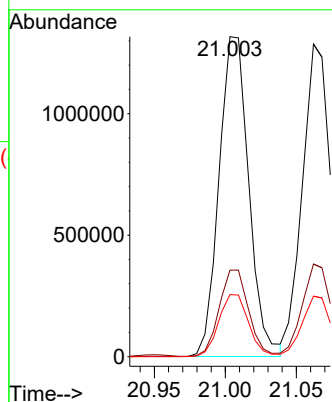
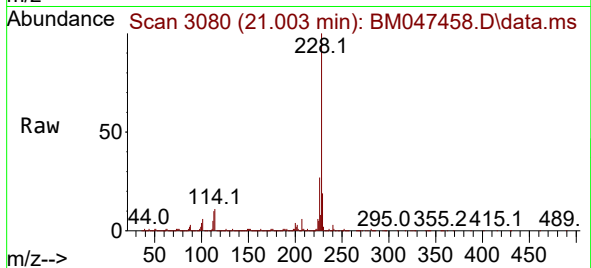
Tgt Ion:228 Resp: 1922813

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.337 ng

RT: 20.950 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

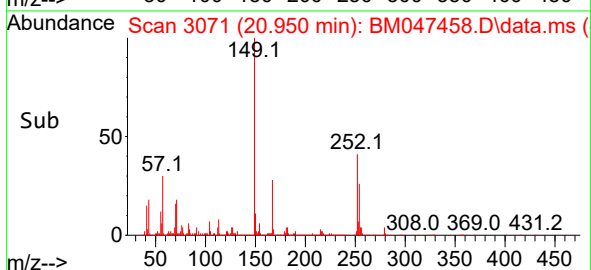
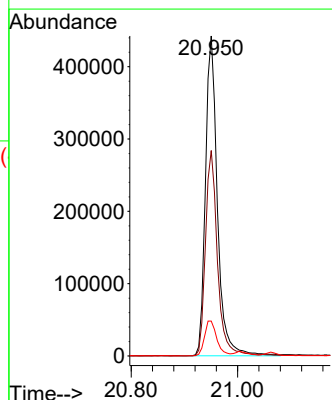
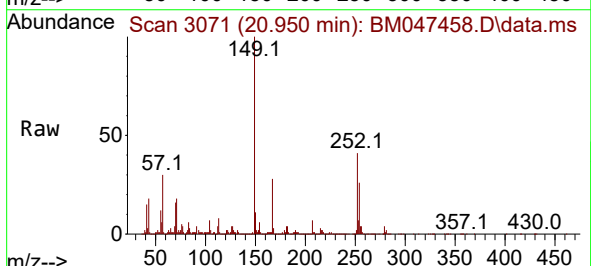
Tgt Ion:252 Resp: 689490

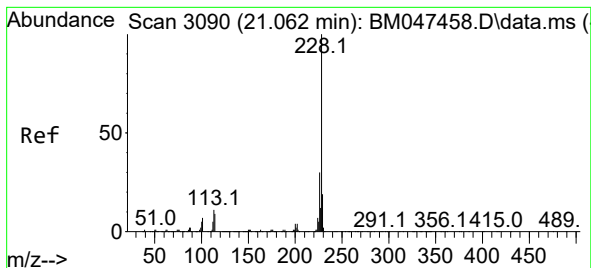
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.0

126 10.9 8.7 13.1





#83

Chrysene

Concen: 41.052 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

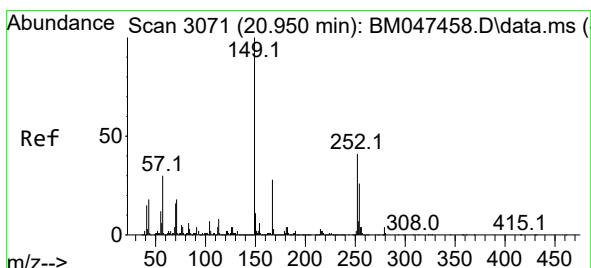
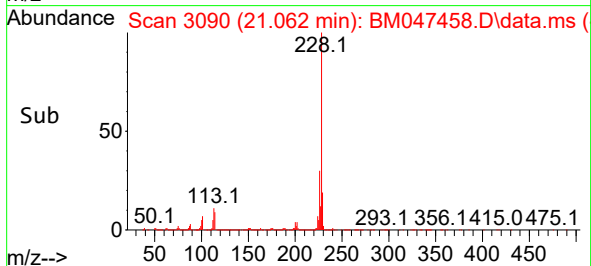
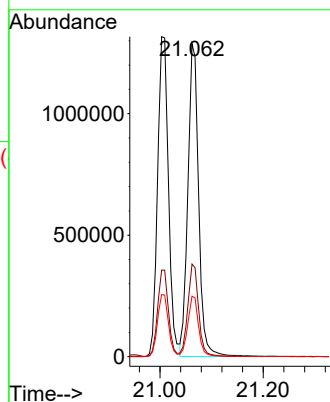
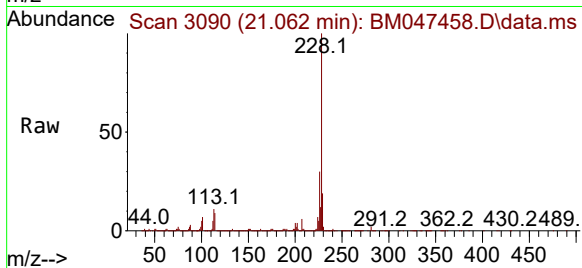
Tgt Ion:228 Resp: 1854811

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.762 ng

RT: 20.950 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

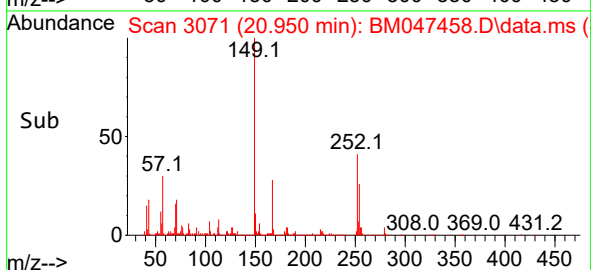
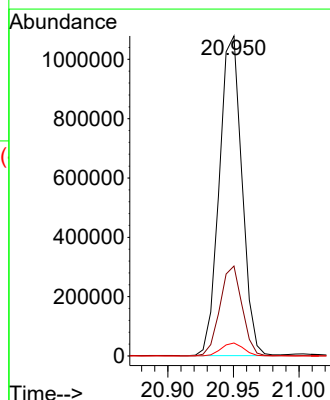
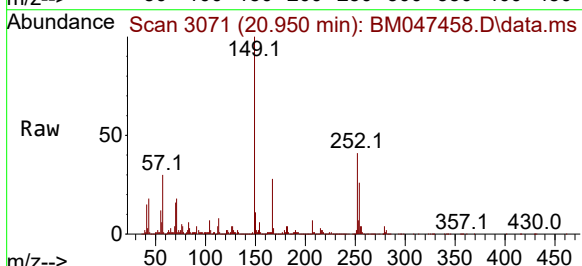
Tgt Ion:149 Resp: 1291551

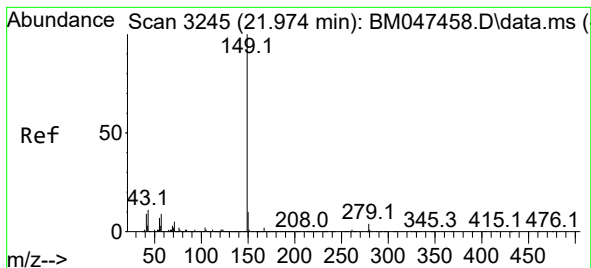
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.659 ng

RT: 21.974 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

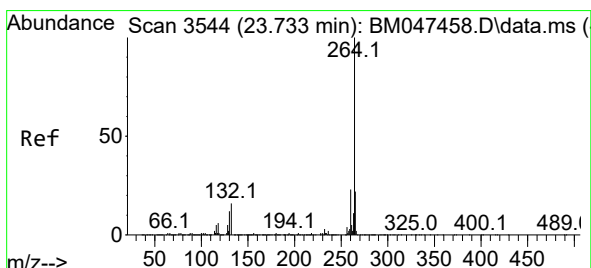
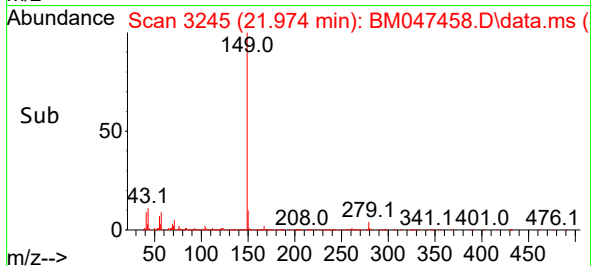
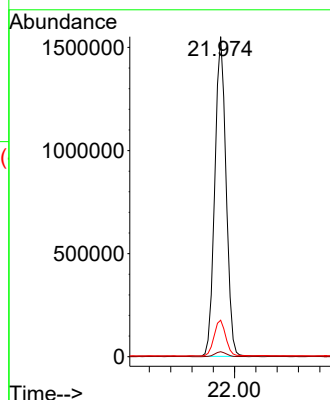
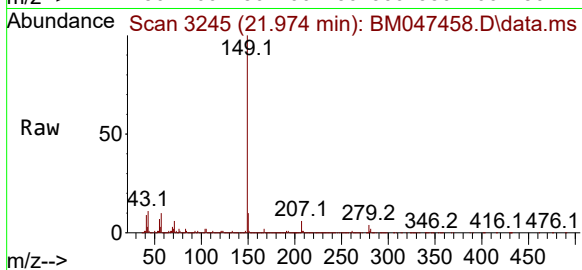
Tgt Ion:149 Resp: 2269529

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3544

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

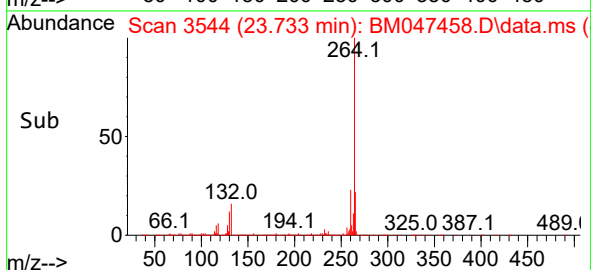
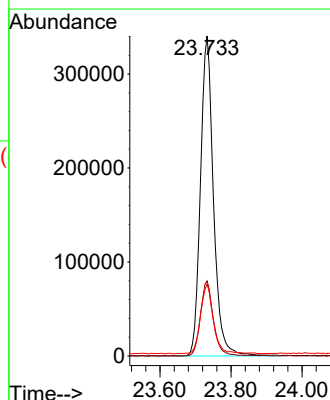
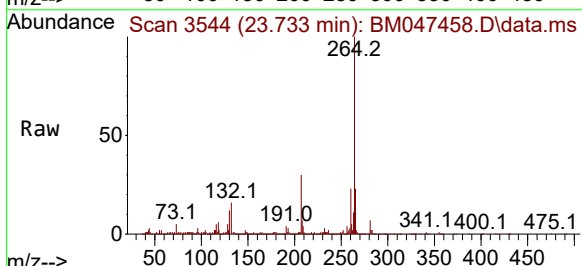
Tgt Ion:264 Resp: 868876

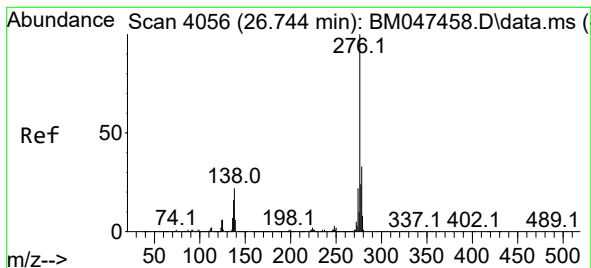
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.5 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.398 ng

RT: 26.744 min Scan# 4056

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

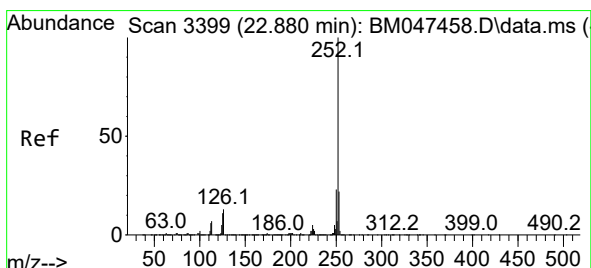
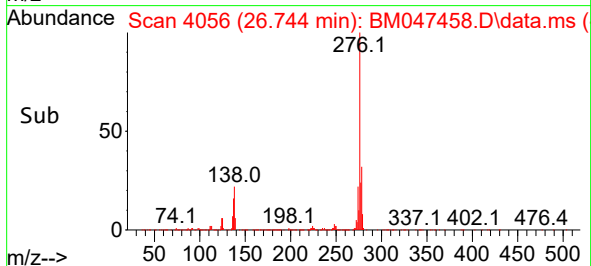
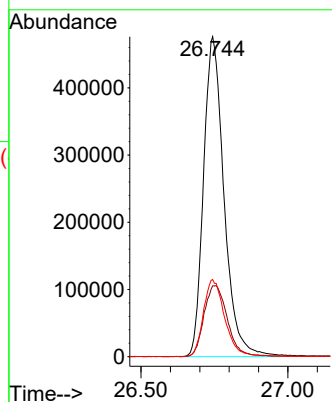
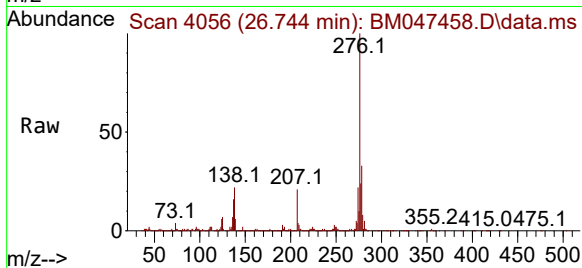
Tgt Ion:276 Resp: 2302843

Ion Ratio Lower Upper

276 100

138 25.1 20.1 30.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 41.392 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

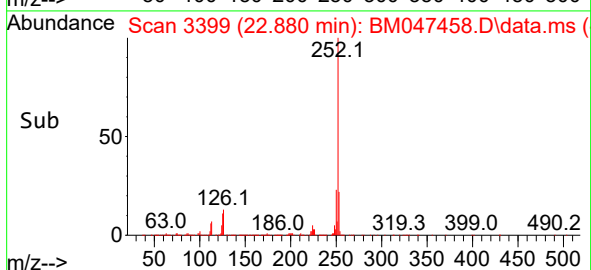
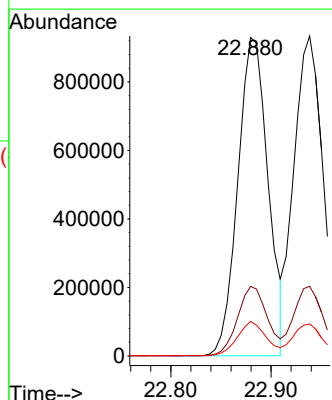
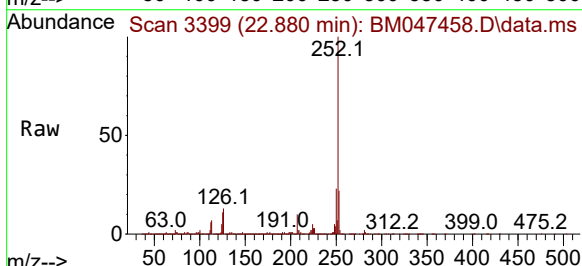
Tgt Ion:252 Resp: 1948326

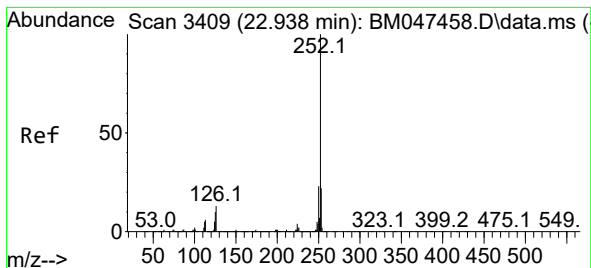
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.9 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 41.190 ng

RT: 22.938 min Scan# 3409

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

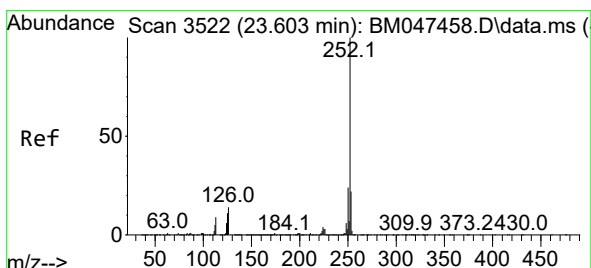
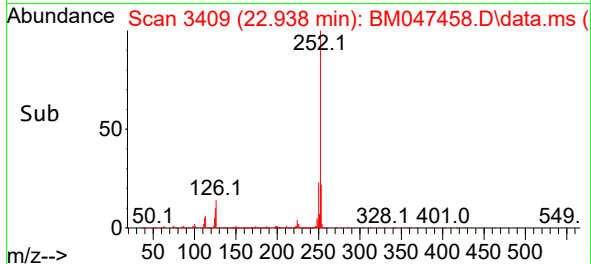
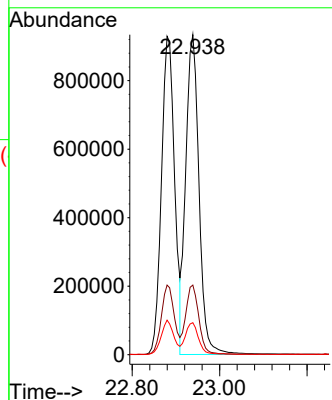
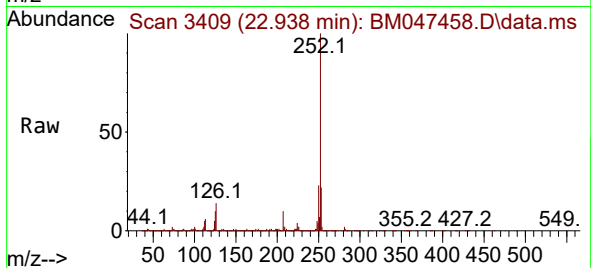
Tgt Ion:252 Resp: 1951346

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.0 8.0 12.0



#90

Benzo(a)pyrene

Concen: 41.345 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

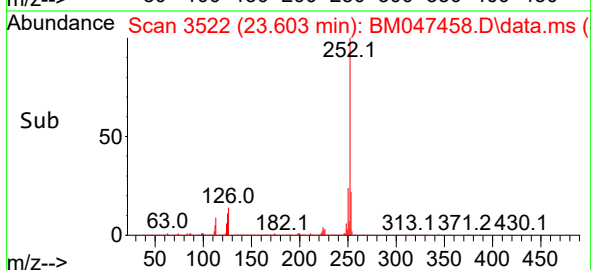
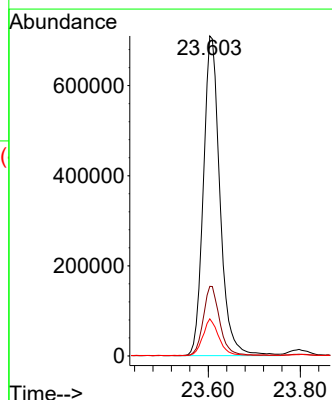
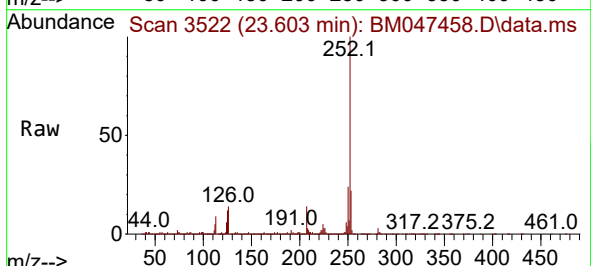
Tgt Ion:252 Resp: 1778699

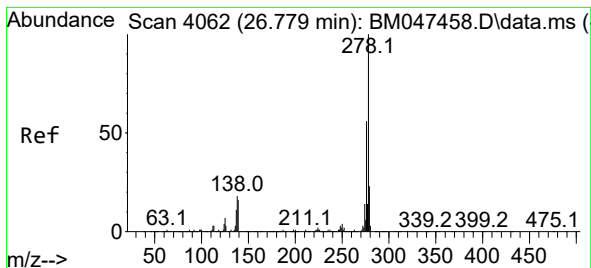
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.6 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 41.364 ng

RT: 26.779 min Scan# 4062

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

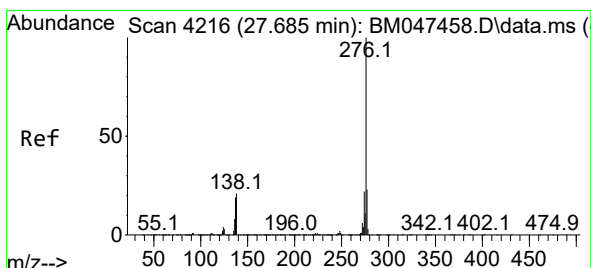
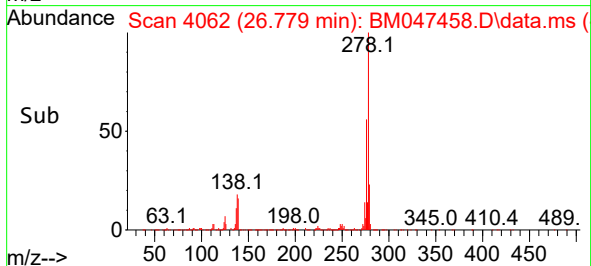
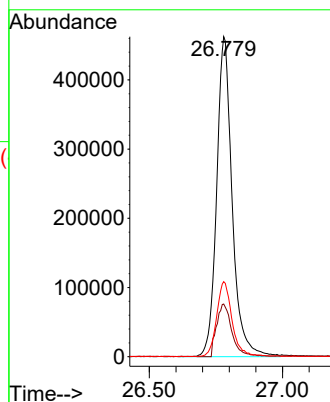
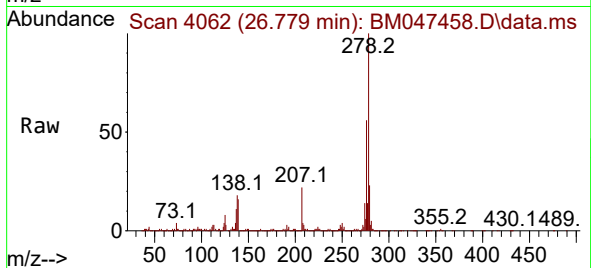
Tgt Ion:278 Resp: 1872999

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.483 ng

RT: 27.685 min Scan# 4216

Delta R.T. 0.000 min

Lab File: BM047458.D

Acq: 06 Sep 2024 15:01

Tgt Ion:276 Resp: 1980437

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 21.1 16.9 25.3

