

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046350.D
 Acq On : 28 Jun 2024 13:25
 Operator : MA/JU
 Sample : P3076-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MS

Quant Time: Jun 28 14:03:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	135032	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	579089	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	352305	20.000	ng	0.00
64) Phenanthrene-d10	16.768	188	699168	20.000	ng	0.00
76) Chrysene-d12	20.992	240	550418	20.000	ng	0.00
86) Perylene-d12	23.662	264	539540	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	774050	92.143	ng	0.00
7) Phenol-d6	6.628	99	1018487	85.345	ng	0.00
23) Nitrobenzene-d5	8.528	82	707766	50.668	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	364195	85.003	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	1189892	45.777	ng	0.00
79) Terphenyl-d14	19.421	244	1681051	50.531	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	121808	37.607	ng	98
3) Pyridine	3.410	79	345159	38.136	ng	96
4) n-Nitrosodimethylamine	3.334	42	309486	44.149	ng	97
6) Aniline	6.746	93	326978	30.170	ng	99
8) 2-Chlorophenol	6.963	128	453833	48.490	ng	99
9) Benzaldehyde	6.551	77	80630	9.195	ng	99
10) Phenol	6.657	94	579904	49.105	ng	97
11) bis(2-Chloroethyl)ether	6.828	93	448917	46.811	ng	100
12) 1,3-Dichlorobenzene	7.257	146	458874	44.223	ng	99
13) 1,4-Dichlorobenzene	7.404	146	468862	43.912	ng	99
14) 1,2-Dichlorobenzene	7.716	146	456521	43.365	ng	99
15) Benzyl Alcohol	7.651	79	444883	45.348	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.898	45	745615	45.685	ng	99
17) 2-Methylphenol	7.869	107	389402	47.285	ng	98
18) Hexachloroethane	8.422	117	207740	43.190	ng	99
19) n-Nitroso-di-n-propyla...	8.193	70	400785	44.237	ng	96
20) 3+4-Methylphenols	8.198	107	542198	45.399	ng	94
22) Acetophenone	8.204	105	678759	41.963	ng	100
24) Nitrobenzene	8.569	77	585730	42.685	ng	98
25) Isophorone	9.098	82	1047942	44.240	ng	99
26) 2-Nitrophenol	9.269	139	244263	49.735	ng	95
27) 2,4-Dimethylphenol	9.375	122	326233	52.983	ng	98
28) bis(2-Chloroethoxy)met...	9.575	93	603882	46.144	ng	99
29) 2,4-Dichlorophenol	9.810	162	421147	50.647	ng	97
30) 1,2,4-Trichlorobenzene	9.992	180	422977	44.922	ng	96
31) Naphthalene	10.175	128	1400460	44.129	ng	99
32) Benzoic acid	9.622	122	292608	39.875	ng	96
33) 4-Chloroaniline	10.345	127	198854	17.888	ng	99
34) Hexachlorobutadiene	10.457	225	255260	43.973	ng	99
35) Caprolactam	11.169	113	58528	19.216	ng	98
36) 4-Chloro-3-methylphenol	11.492	107	480957	46.487	ng	99
37) 2-Methylnaphthalene	11.792	142	954541	44.598	ng	99
38) 1-Methylnaphthalene	12.022	142	888460	41.983	ng	99
40) 1,2,4,5-Tetrachloroben...	12.175	216	418386	44.515	ng	98
41) Hexachlorocyclopentadiene	12.151	237	429107	116.506	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	317985	50.938	ng	98

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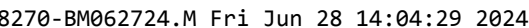
Instrument :
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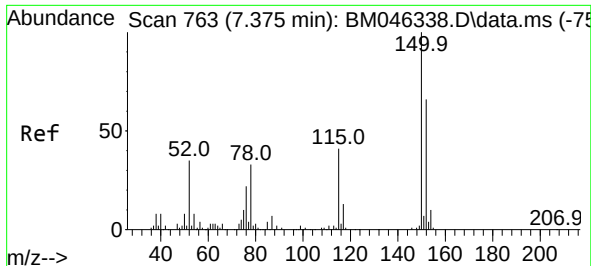
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.539	196	350886	48.780	ng	98
46) 1,1'-Biphenyl	12.839	154	1145926	43.447	ng	99
47) 2-Chloronaphthalene	12.875	162	952427	46.520	ng	99
48) 2-Nitroaniline	13.133	65	392568	48.298	ng	98
49) Acenaphthylene	13.733	152	1615439	51.180	ng	100
50) Dimethylphthalate	13.516	163	1202447	46.689	ng	99
51) 2,6-Dinitrotoluene	13.627	165	254098	44.305	ng	99
52) Acenaphthene	14.080	154	896926	45.717	ng	99
53) 3-Nitroaniline	13.974	138	187172	32.301	ng	95
54) 2,4-Dinitrophenol	14.174	184	263830	77.987	ng	99
55) Dibenzofuran	14.422	168	1474793	46.913	ng	99
56) 4-Nitrophenol	14.345	139	433713	89.869	ng	99
57) 2,4-Dinitrotoluene	14.427	165	377501	45.483	ng	97
58) Fluorene	15.074	166	1244558	46.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	297617	49.089	ng	99
60) Diethylphthalate	14.886	149	1324588	46.754	ng	100
61) 4-Chlorophenyl-phenyle...	15.074	204	585429	46.771	ng	99
62) 4-Nitroaniline	15.163	138	252609	44.422	ng	98
63) Azobenzene	15.374	77	1590125	47.099	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	181749	41.424	ng	91
66) n-Nitrosodiphenylamine	15.304	169	985515	48.528	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	336495	47.135	ng	99
68) Hexachlorobenzene	16.080	284	387447	45.968	ng	98
69) Atrazine	16.286	200	312923	55.745	ng	98
70) Pentachlorophenol	16.445	266	511998	96.577	ng	98
71) Phenanthrene	16.815	178	1829397	49.170	ng	100
72) Anthracene	16.904	178	1808325	49.968	ng	99
73) Carbazole	17.198	167	1663227	46.675	ng	100
74) Di-n-butylphthalate	17.762	149	2405792	50.250	ng	100
75) Fluoranthene	18.839	202	2073321	47.159	ng	99
77) Benzidine	19.062	184	692925	121.332	ng	99
78) Pyrene	19.204	202	2128099	55.662	ng	99
80) Butylbenzylphthalate	20.133	149	1074676	59.741	ng	98
81) Benzo(a)anthracene	20.974	228	1795554	49.729	ng	100
82) 3,3'-Dichlorobenzidine	20.927	252	426807	36.852	ng	98
83) Chrysene	21.033	228	1666730	48.267	ng	99
84) Bis(2-ethylhexyl)phtha...	20.921	149	1636530	52.988	ng	100
85) Di-n-octyl phthalate	21.933	149	2413455	53.070	ng	99
87) Indeno(1,2,3-cd)pyrene	26.621	276	1760736	50.882	ng	99
88) Benzo(b)fluoranthene	22.833	252	1553400	48.609	ng	99
89) Benzo(k)fluoranthene	22.886	252	1543793	48.563	ng	99
90) Benzo(a)pyrene	23.539	252	1425907	50.800	ng	99
91) Dibenzo(a,h)anthracene	26.650	278	1420091	49.148	ng	100
92) Benzo(g,h,i)perylene	27.532	276	1371869	47.935	ng	98

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

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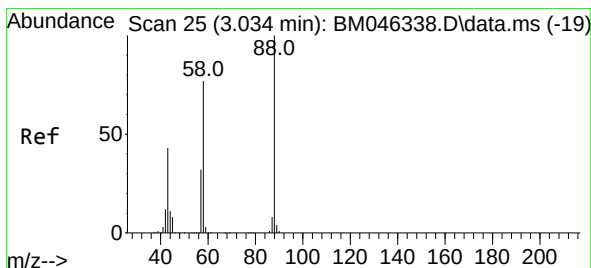
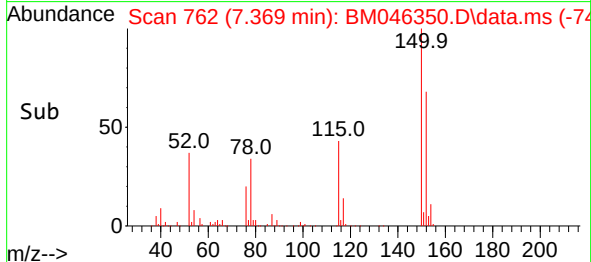
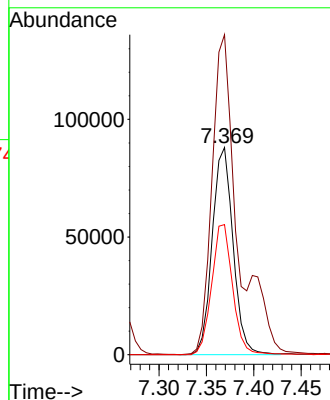
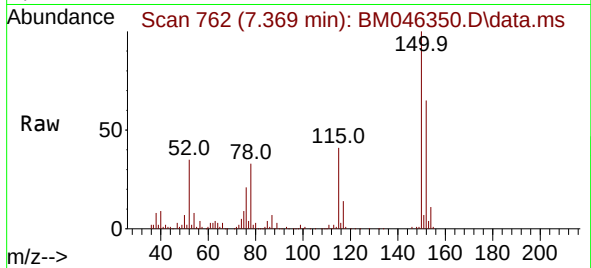




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.369 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BM046350.D
 Acq: 28 Jun 2024 13:25

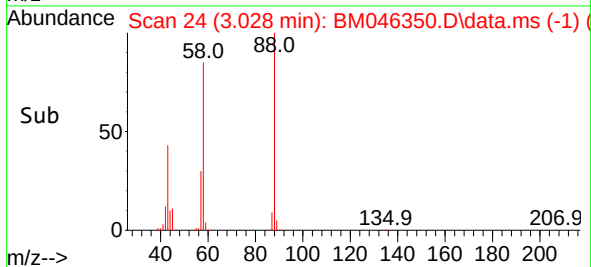
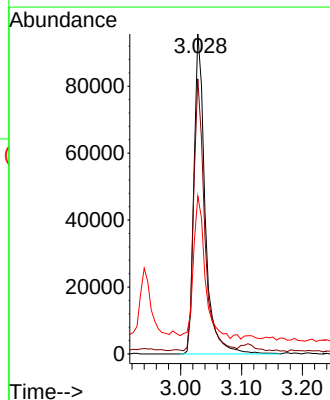
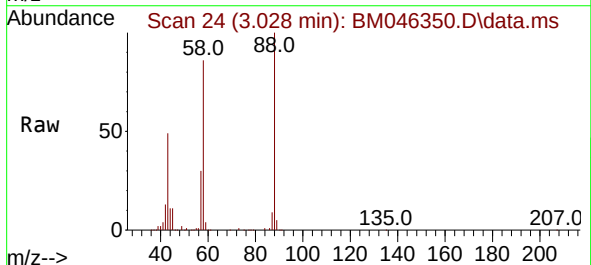
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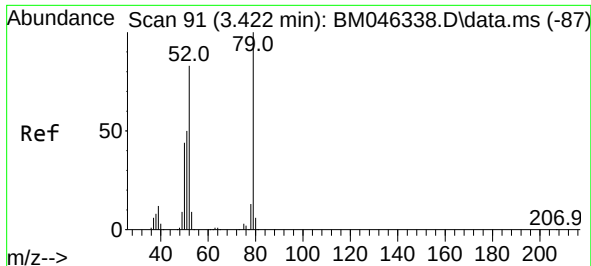
Tgt Ion:152 Resp: 135032
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.1 183.1
 115 62.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 37.607 ng
 RT: 3.028 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM046350.D
 Acq: 28 Jun 2024 13:25

Tgt Ion: 88 Resp: 121808
 Ion Ratio Lower Upper
 88 100
 58 82.8 65.2 97.8
 43 45.9 38.4 57.6

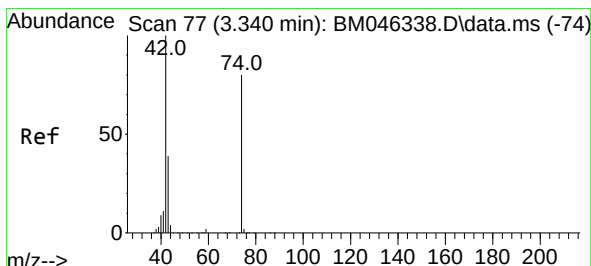
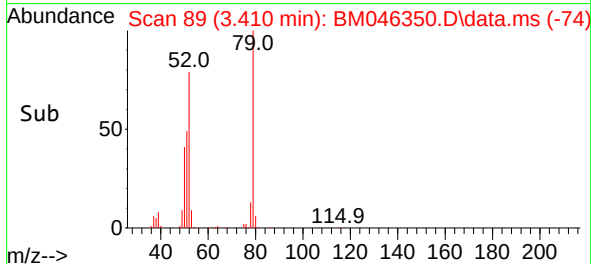
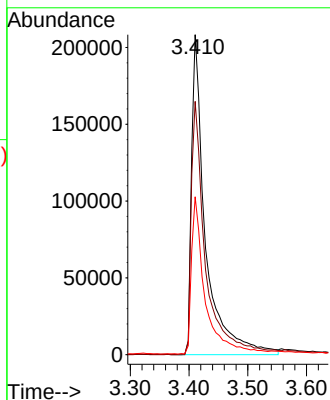
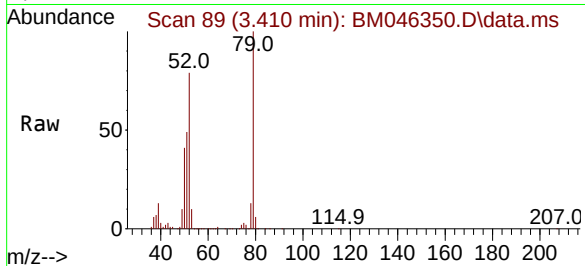




#3
Pyridine
Concen: 38.136 ng
RT: 3.410 min Scan# 89
Delta R.T. -0.012 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

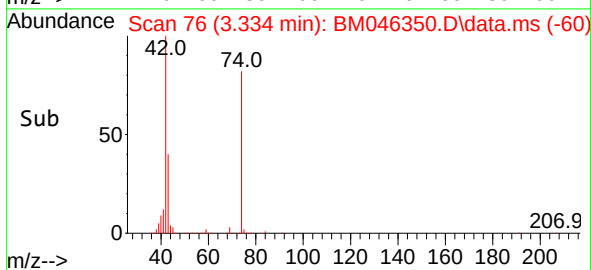
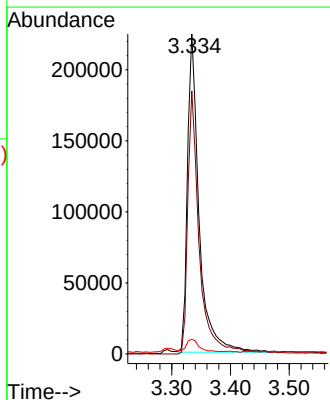
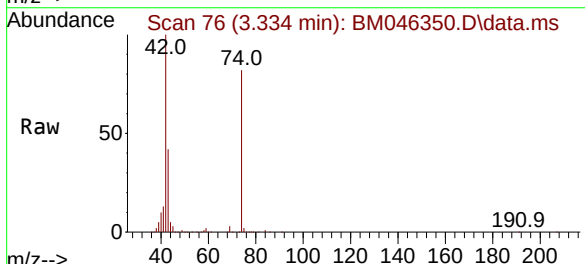
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ClientSampleId :
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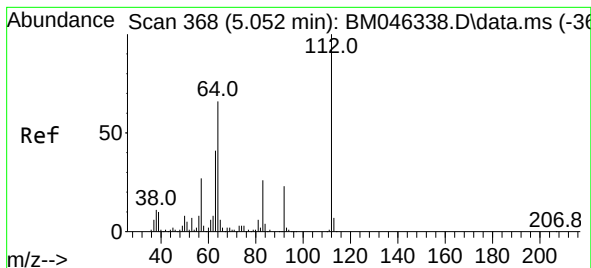
Tgt Ion: 79 Resp: 345159
Ion Ratio Lower Upper
79 100
52 79.1 66.4 99.6
51 49.4 40.8 61.2



#4
n-Nitrosodimethylamine
Concen: 44.149 ng
RT: 3.334 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 42 Resp: 309486
Ion Ratio Lower Upper
42 100
74 82.2 63.6 95.4
44 4.6 3.8 5.6

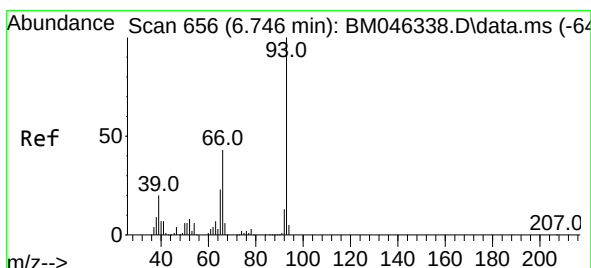
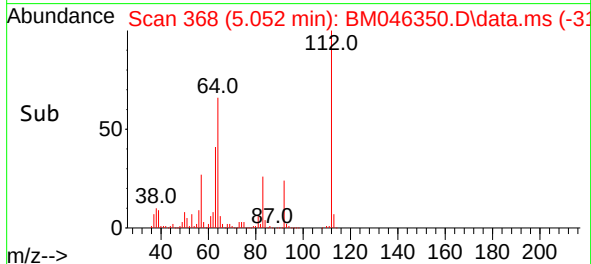
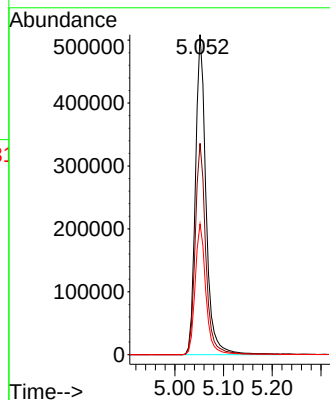
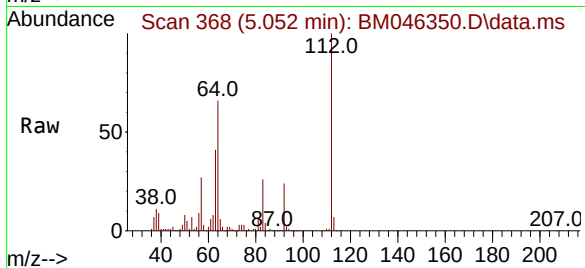




#5
2-Fluorophenol
Concen: 92.143 ng
RT: 5.052 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

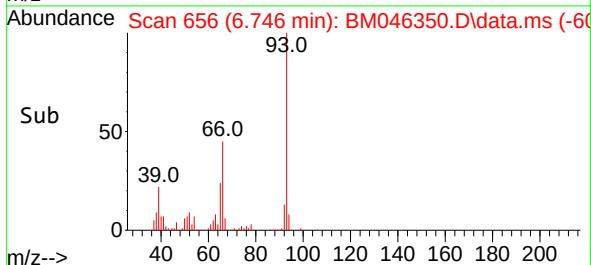
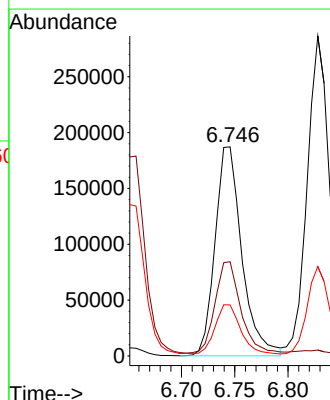
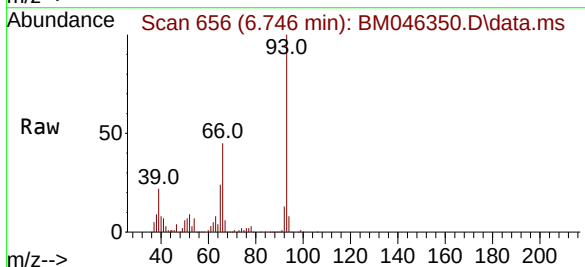
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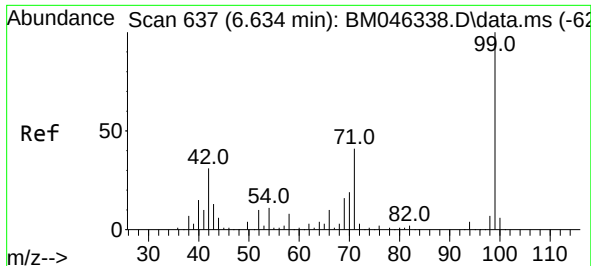
Tgt Ion:112 Resp: 774050
Ion Ratio Lower Upper
112 100
64 66.1 52.8 79.2
63 40.8 32.9 49.3



#6
Aniline
Concen: 30.170 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 93 Resp: 326978
Ion Ratio Lower Upper
93 100
66 45.0 35.5 53.3
65 24.4 19.3 28.9

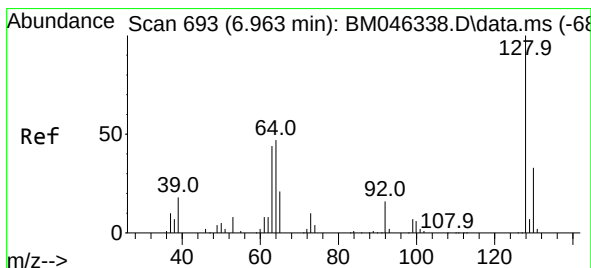
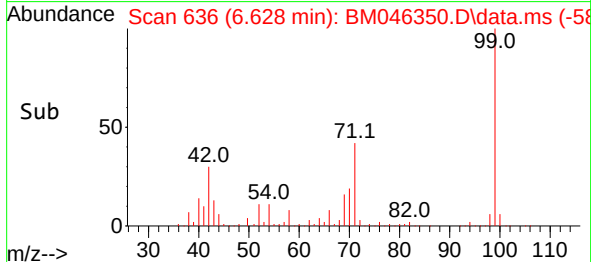
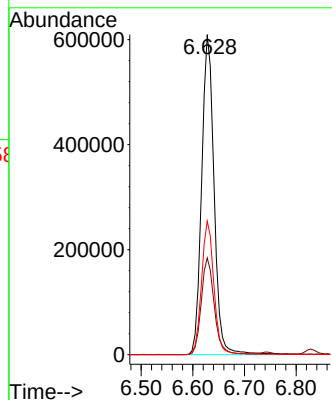
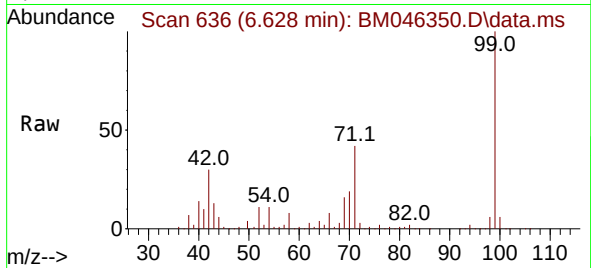




#7
Phenol-d6
Concen: 85.345 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

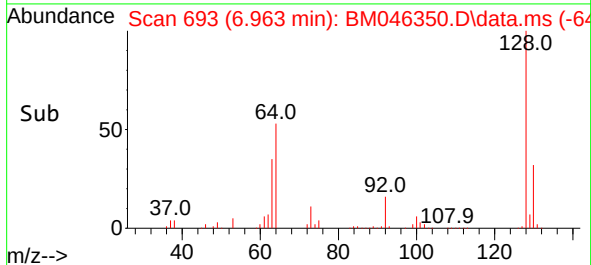
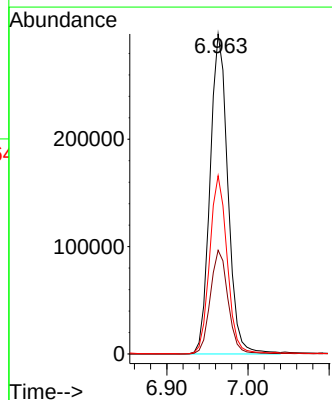
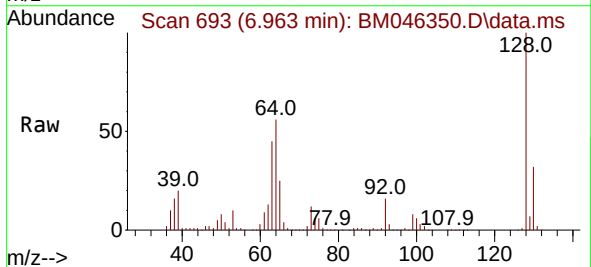
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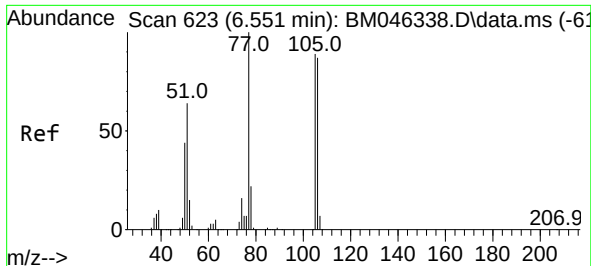
Tgt Ion: 99 Resp: 1018487
Ion Ratio Lower Upper
99 100
42 30.2 24.8 37.2
71 41.7 33.1 49.7



#8
2-Chlorophenol
Concen: 48.490 ng
RT: 6.963 min Scan# 693
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 128 Resp: 453833
Ion Ratio Lower Upper
128 100
130 32.4 13.0 53.0
64 55.7 36.5 76.5

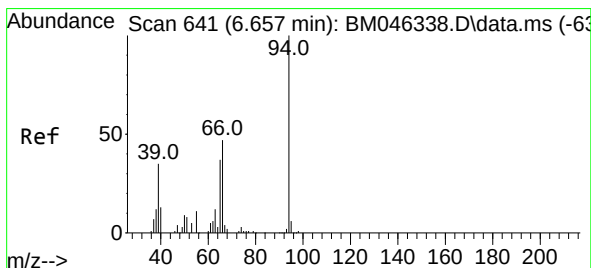
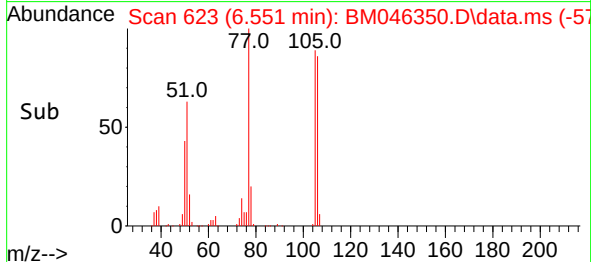
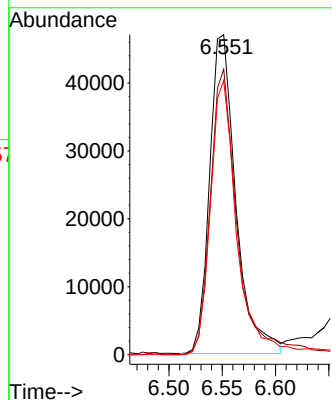
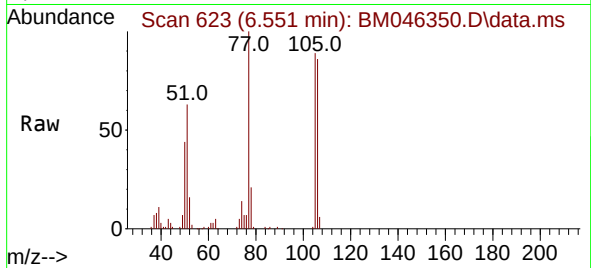




#9
Benzaldehyde
Concen: 9.195 ng
RT: 6.551 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

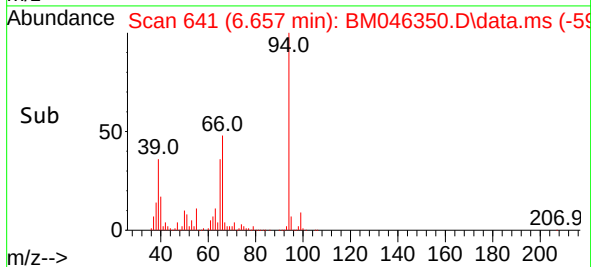
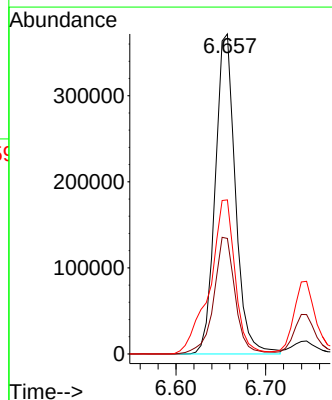
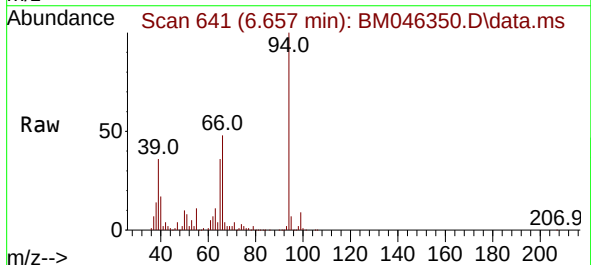
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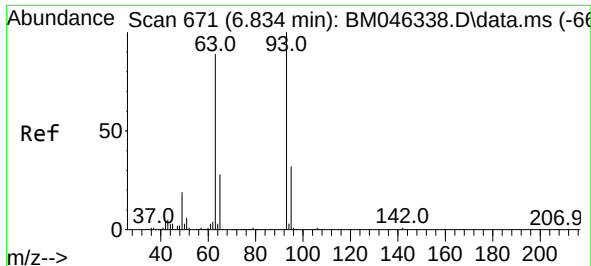
Tgt Ion: 77 Resp: 80630
Ion Ratio Lower Upper
77 100
105 89.2 69.2 109.2
106 85.8 66.9 106.9



#10
Phenol
Concen: 49.105 ng
RT: 6.657 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 94 Resp: 579904
Ion Ratio Lower Upper
94 100
65 36.1 17.6 57.6
66 48.1 29.9 69.9

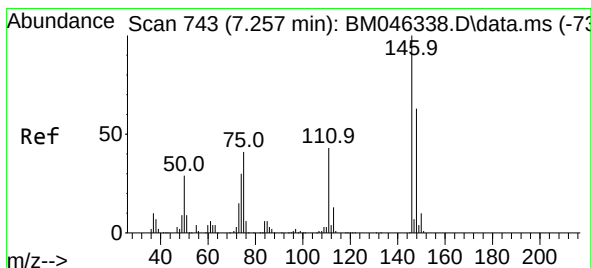
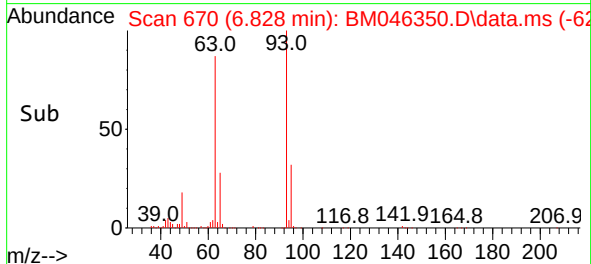
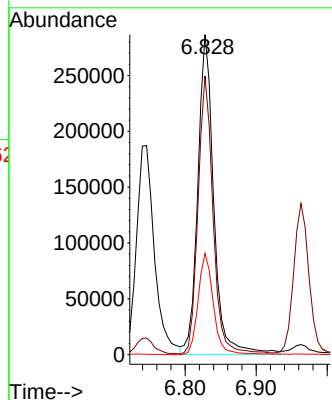
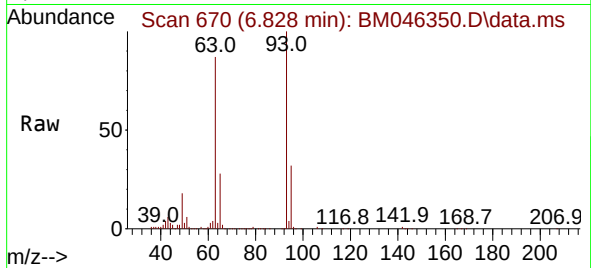




#11
bis(2-Chloroethyl)ether
Concen: 46.811 ng
RT: 6.828 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

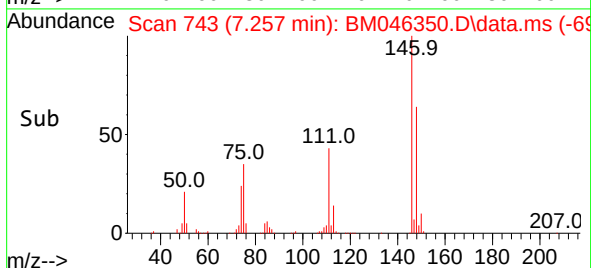
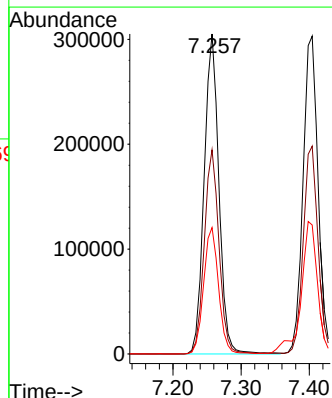
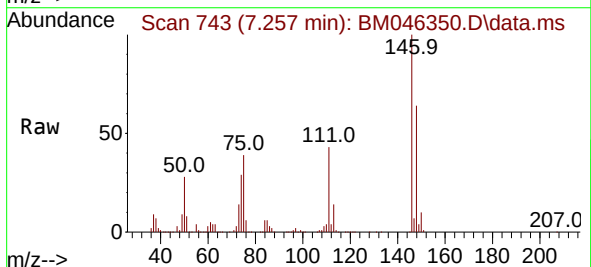
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

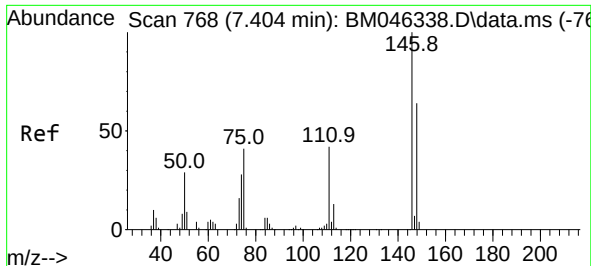
Tgt Ion: 93 Resp: 448917
Ion Ratio Lower Upper
93 100
63 87.1 67.2 107.2
95 31.6 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 44.223 ng
RT: 7.257 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 146 Resp: 458874
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 39.5 32.6 49.0





#13

1,4-Dichlorobenzene

Concen: 43.912 ng

RT: 7.404 min Scan# 768

Delta R.T. 0.000 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

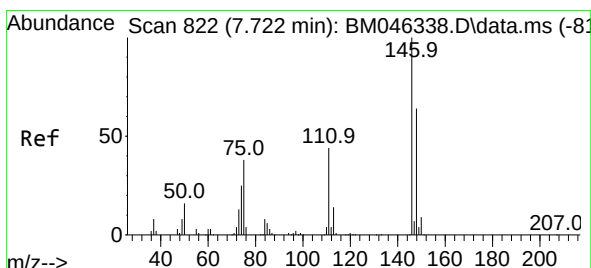
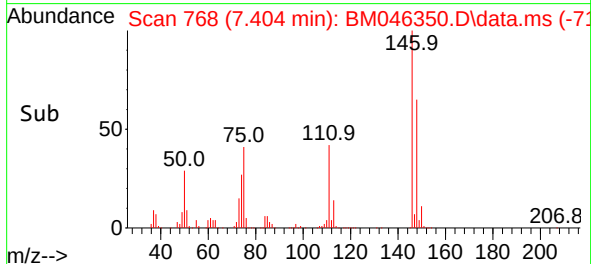
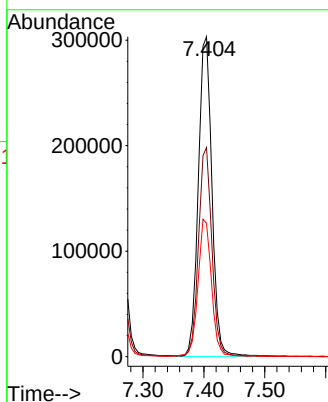
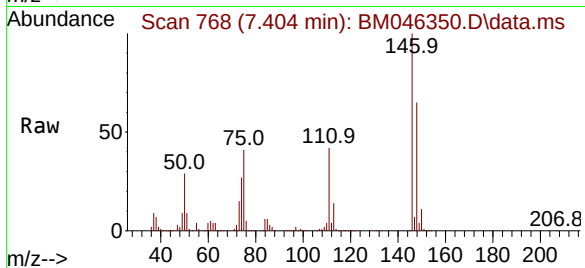
Tgt Ion:146 Resp: 468862

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.0

111 41.7 33.7 50.5



#14

1,2-Dichlorobenzene

Concen: 43.365 ng

RT: 7.716 min Scan# 821

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

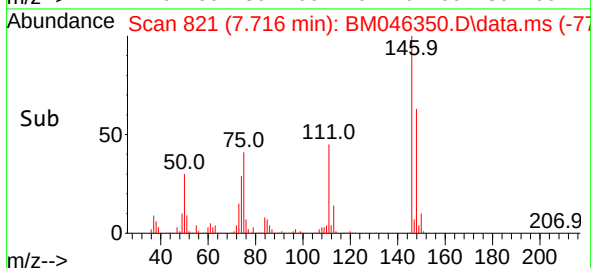
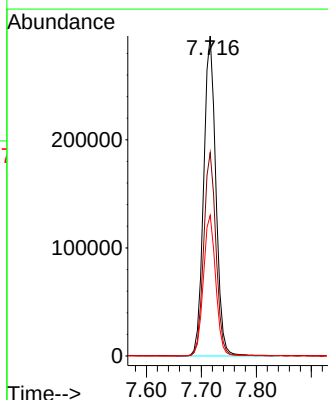
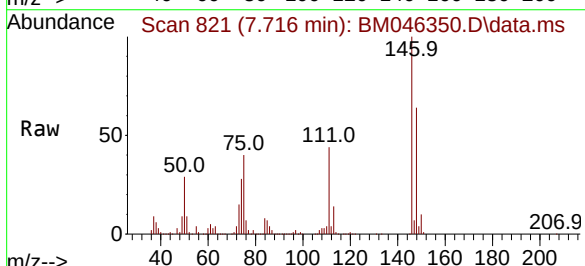
Tgt Ion:146 Resp: 456521

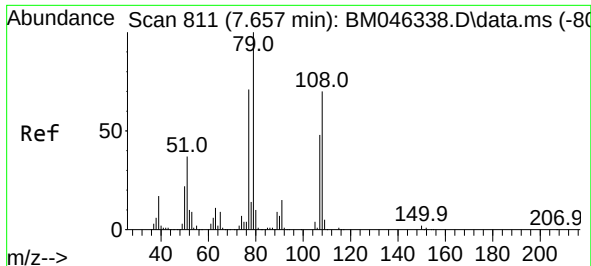
Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 43.9 35.4 53.2

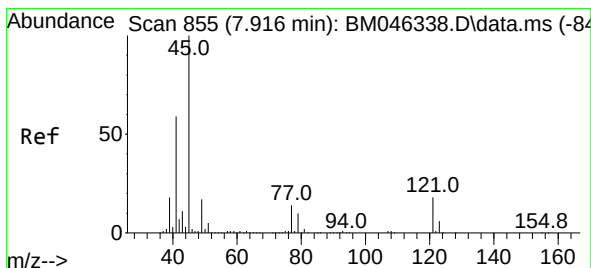
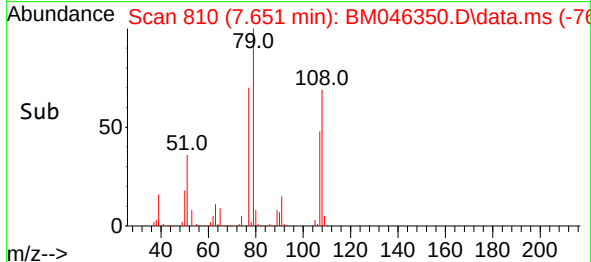
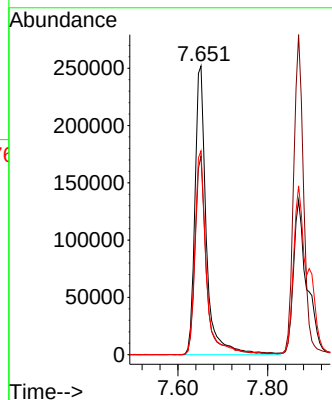
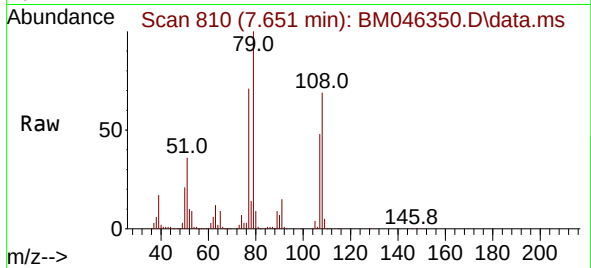




#15
Benzyl Alcohol
Concen: 45.348 ng
RT: 7.651 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

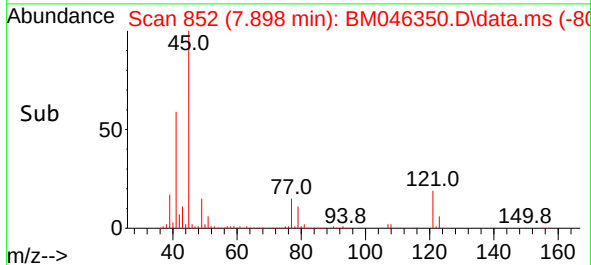
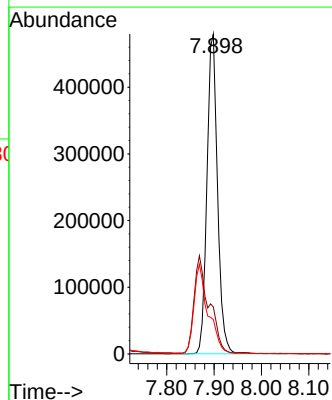
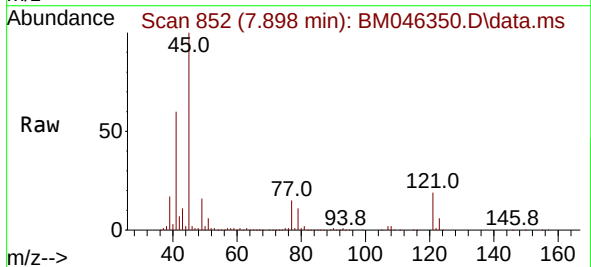
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

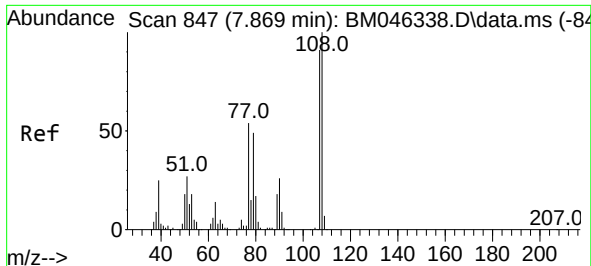
Tgt Ion: 79 Resp: 444883
Ion Ratio Lower Upper
79 100
108 68.8 56.1 84.1
77 70.6 56.9 85.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.685 ng
RT: 7.898 min Scan# 852
Delta R.T. -0.018 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 45 Resp: 745615
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.3
79 10.7 0.0 30.8

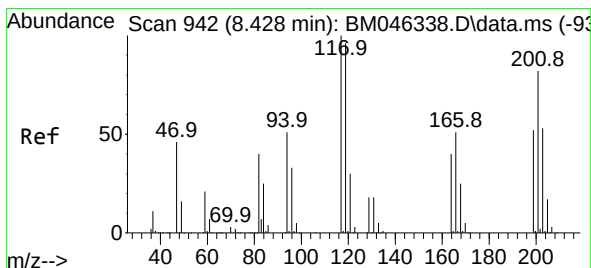
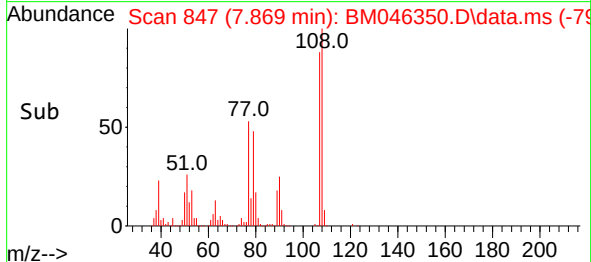
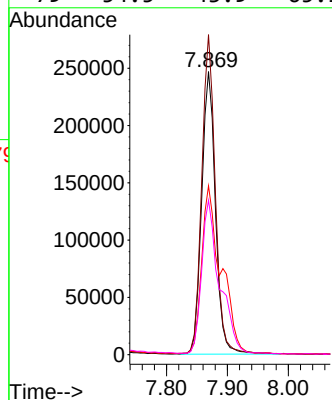
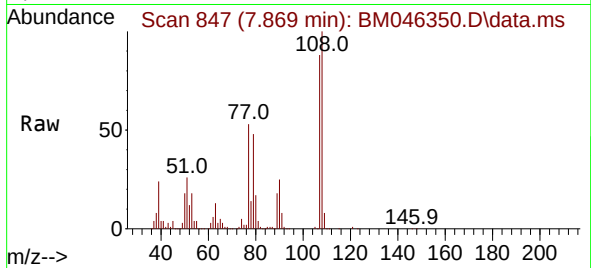




#17
2-Methylphenol
Concen: 47.285 ng
RT: 7.869 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

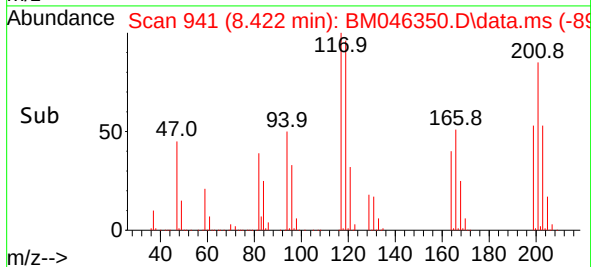
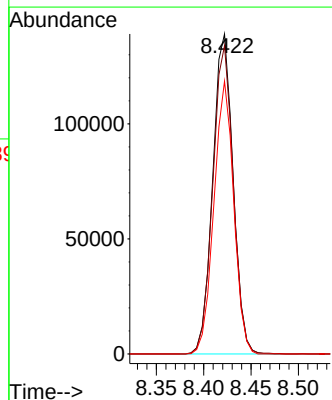
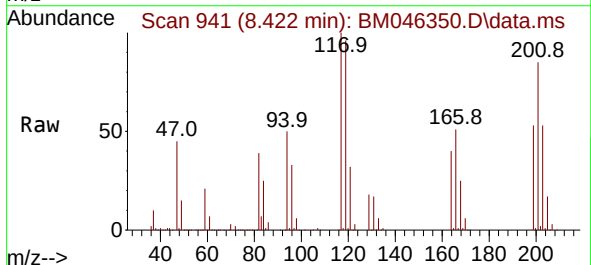
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

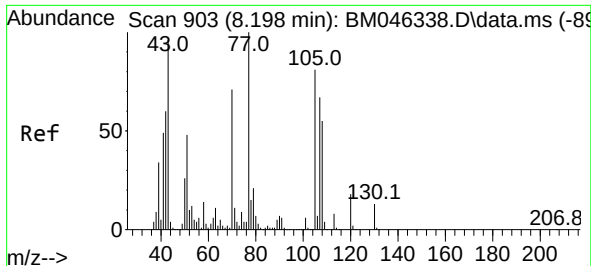
Tgt Ion:	107	Resp:	389402
Ion	Ratio	Lower	Upper
107	100		
108	113.0	88.1	132.1
77	59.6	47.5	71.3
79	54.5	43.9	65.9



#18
Hexachloroethane
Concen: 43.190 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:	117	Resp:	207740
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	85.2	67.2	100.8

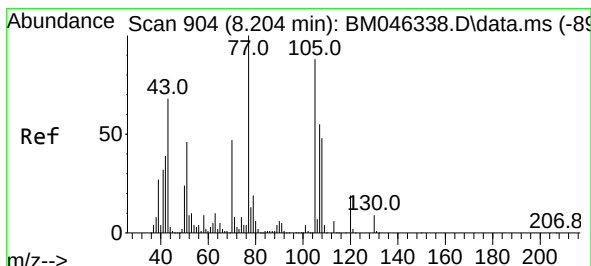
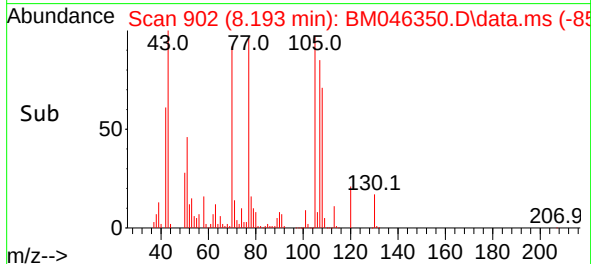
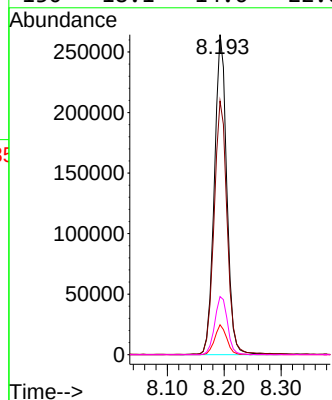
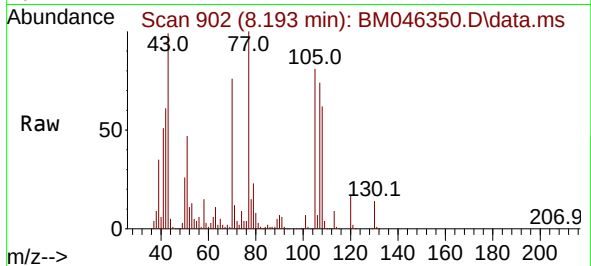




#19
n-Nitroso-di-n-propylamine
Concen: 44.237 ng
RT: 8.193 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

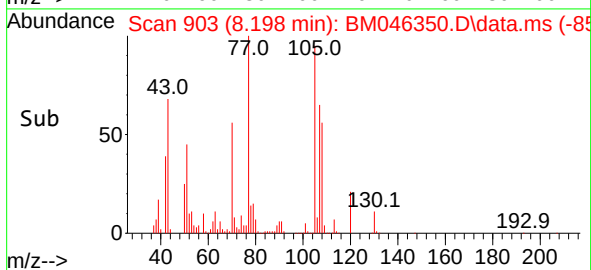
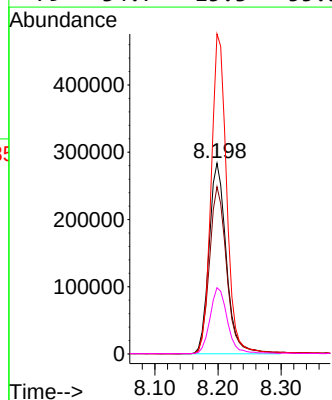
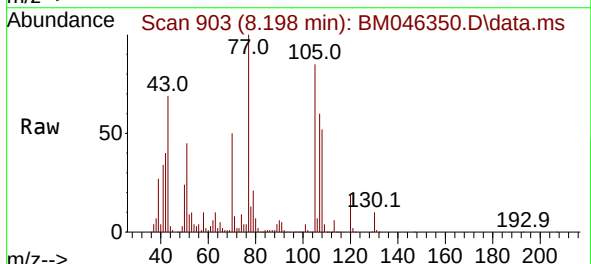
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

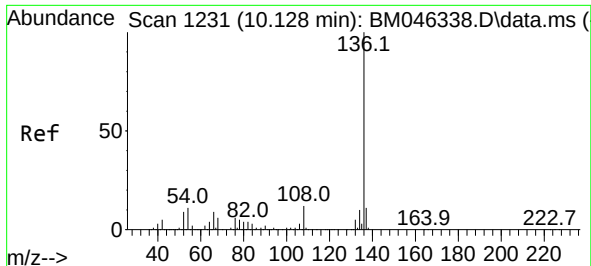
Tgt Ion:	70	Resp:	400785
Ion	Ratio	Lower	Upper
70	100		
42	79.3	67.0	100.6
101	9.3	7.3	10.9
130	18.1	14.6	22.0



#20
3+4-Methylphenols
Concen: 45.399 ng
RT: 8.198 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:	107	Resp:	542198
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.7	107.7
77	167.7	161.4	201.4
79	34.7	15.3	55.3

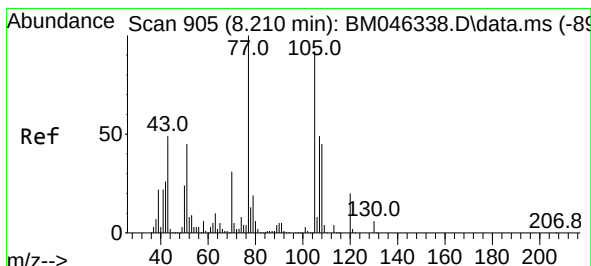
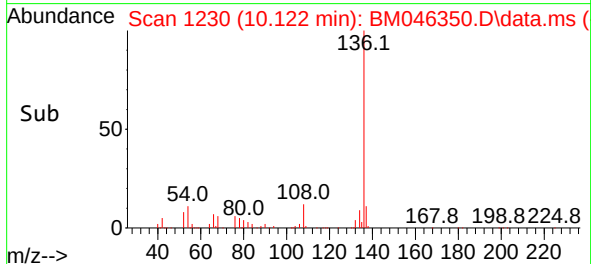
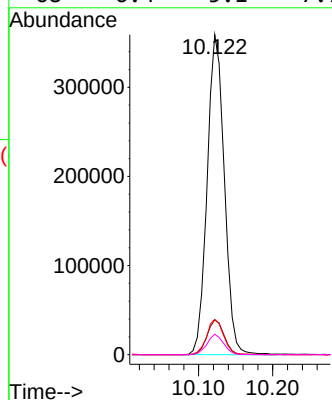
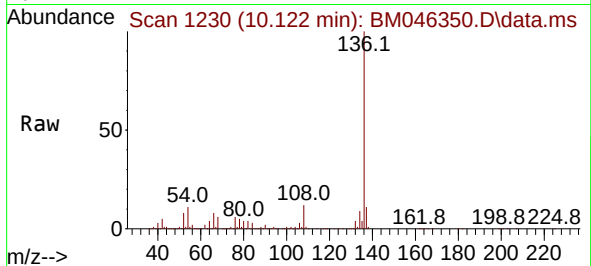




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

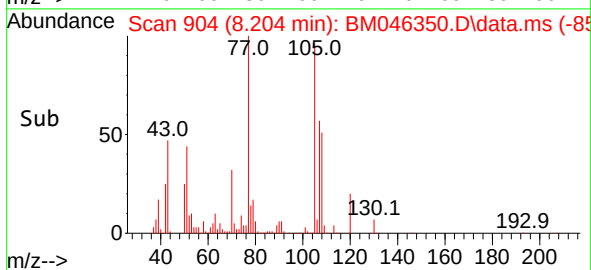
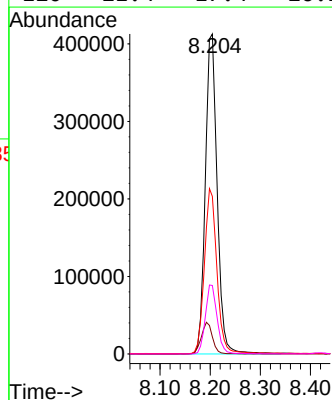
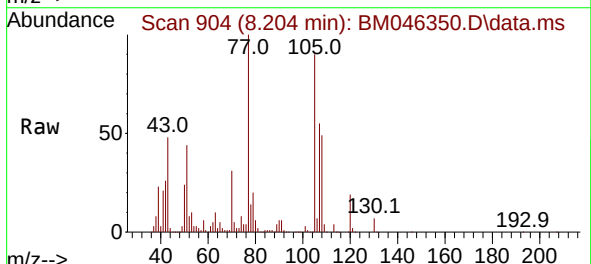
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

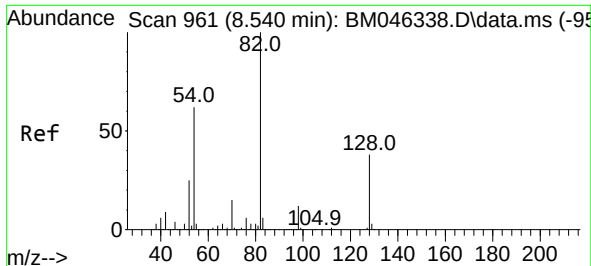
Tgt Ion:	136	Resp:	579089
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	11.1	9.0	13.4
68	6.4	5.1	7.7



#22
Acetophenone
Concen: 41.963 ng
RT: 8.204 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:	105	Resp:	678759
Ion Ratio	Lower	Upper	
105	100		
71	5.4	4.2	6.2
51	49.3	39.4	59.0
120	21.4	17.4	26.2

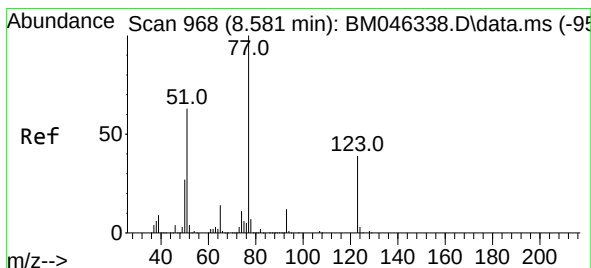
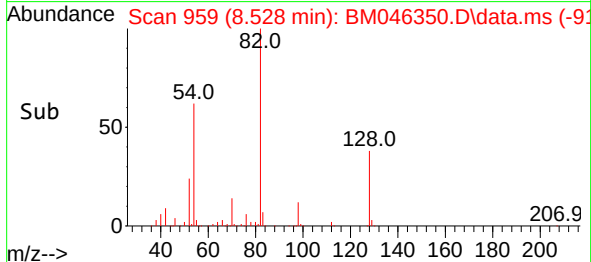
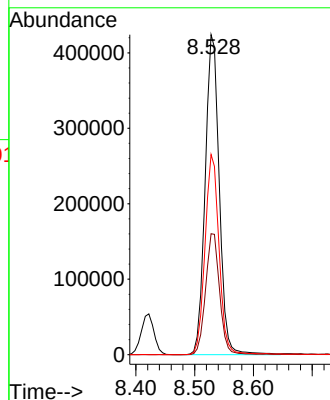
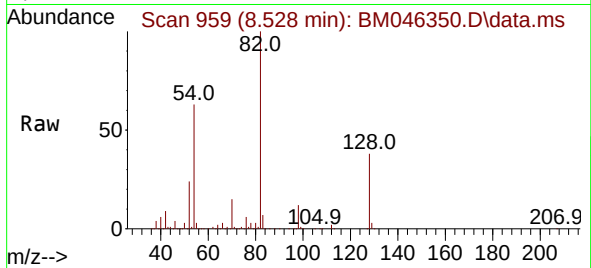




#23
Nitrobenzene-d5
Concen: 50.668 ng
RT: 8.528 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

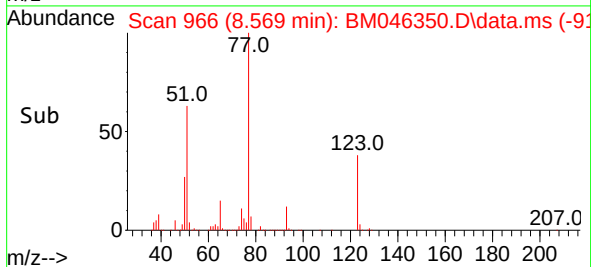
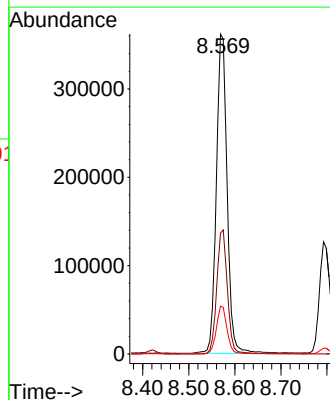
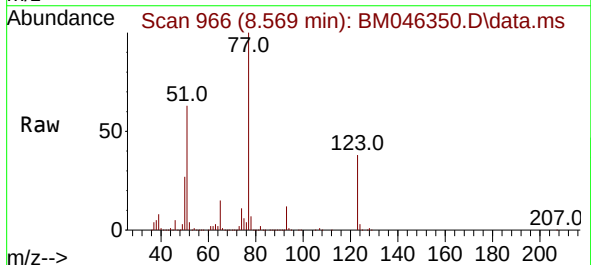
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

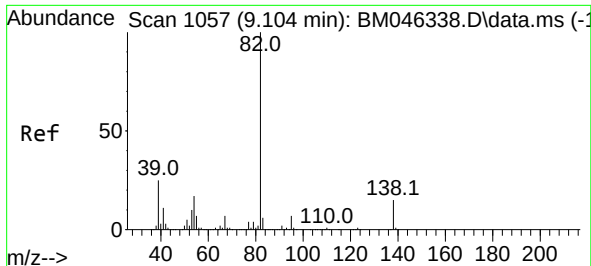
Tgt Ion: 82 Resp: 707766
Ion Ratio Lower Upper
82 100
128 37.8 30.6 46.0
54 62.5 49.6 74.4



#24
Nitrobenzene
Concen: 42.685 ng
RT: 8.569 min Scan# 966
Delta R.T. -0.012 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 77 Resp: 585730
Ion Ratio Lower Upper
77 100
123 37.7 31.4 47.0
65 15.0 11.5 17.3

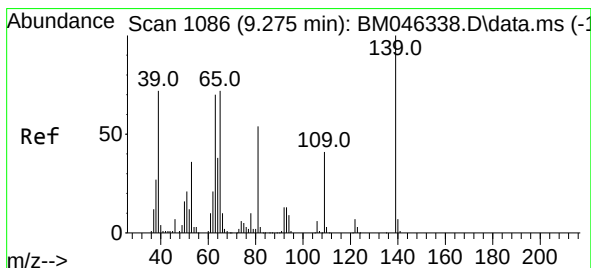
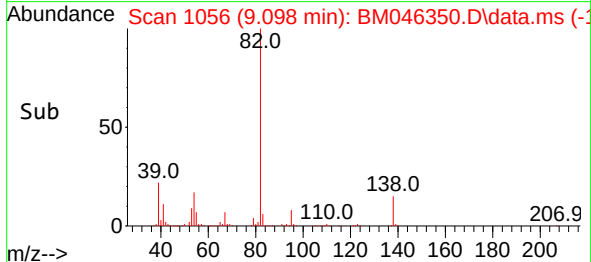
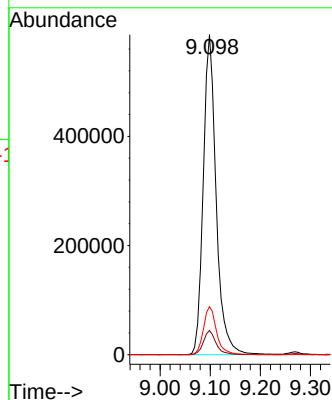
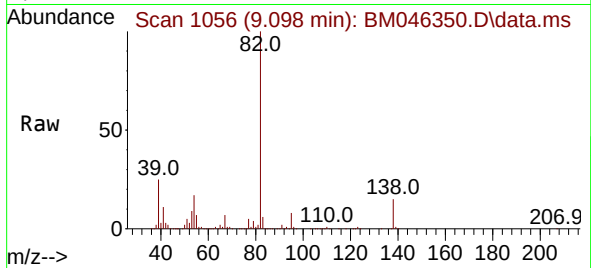




#25
Isophorone
Concen: 44.240 ng
RT: 9.098 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

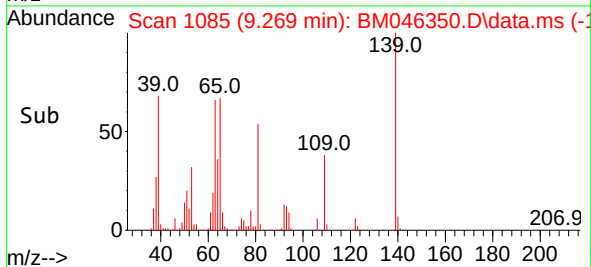
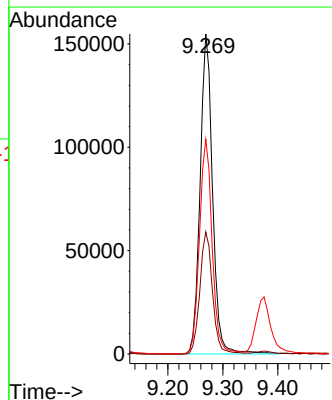
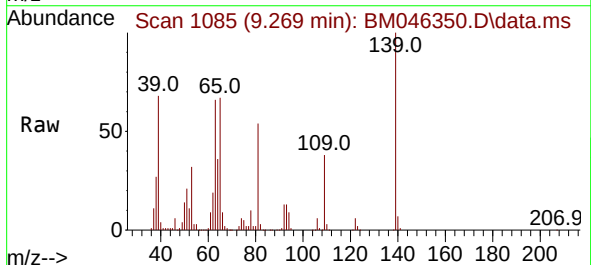
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

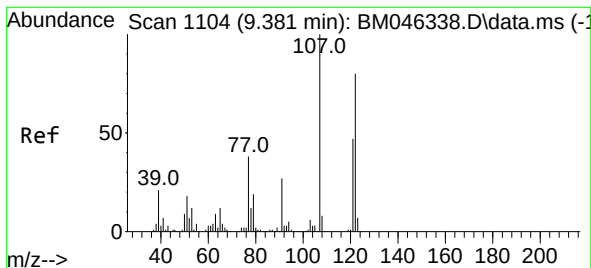
Tgt Ion: 82 Resp: 1047942
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 15.0 12.2 18.2



#26
2-Nitrophenol
Concen: 49.735 ng
RT: 9.269 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:139 Resp: 244263
Ion Ratio Lower Upper
139 100
109 38.1 32.9 49.3
65 67.1 57.4 86.2





#27

2,4-Dimethylphenol

Concen: 52.983 ng

RT: 9.375 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

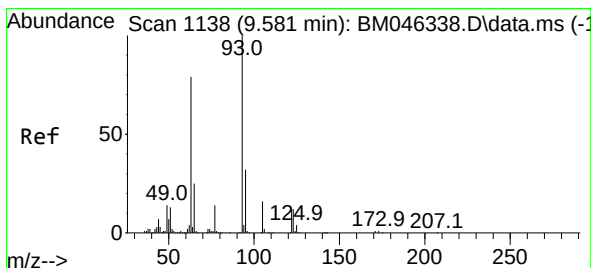
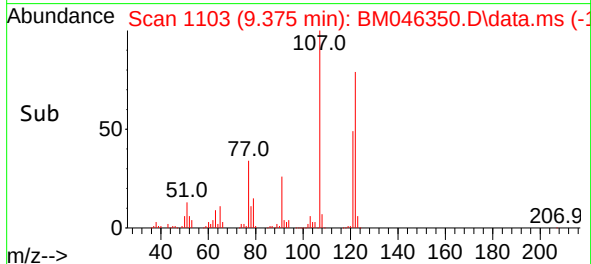
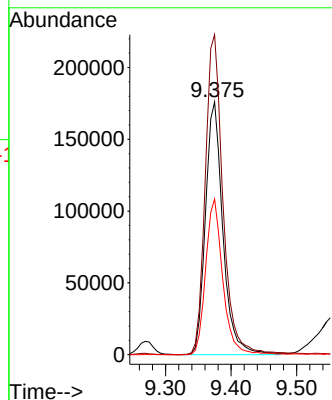
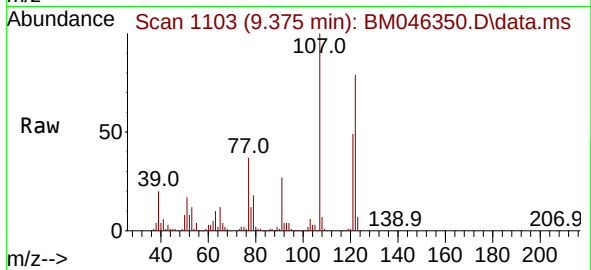
Tgt Ion:122 Resp: 326233

Ion Ratio Lower Upper

122 100

107 126.6 99.5 149.3

121 61.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.144 ng

RT: 9.575 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

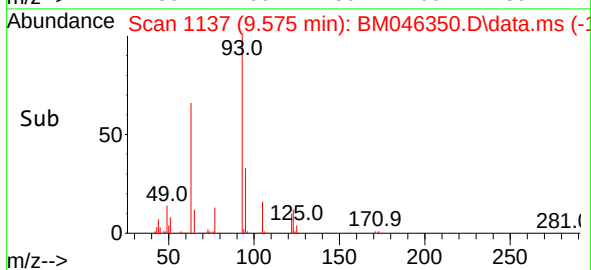
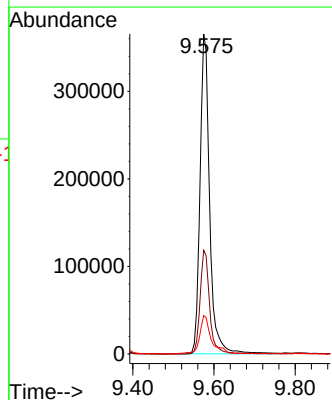
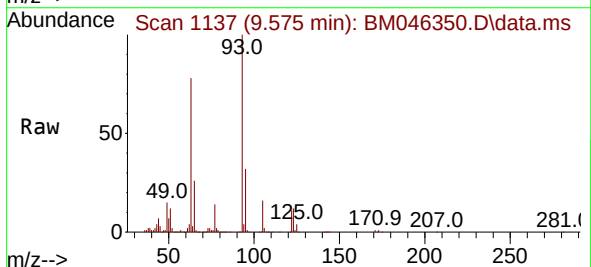
Tgt Ion: 93 Resp: 603882

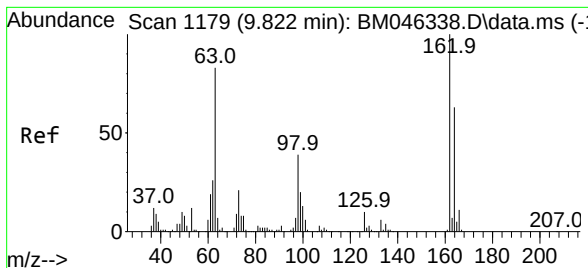
Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 50.647 ng

RT: 9.810 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

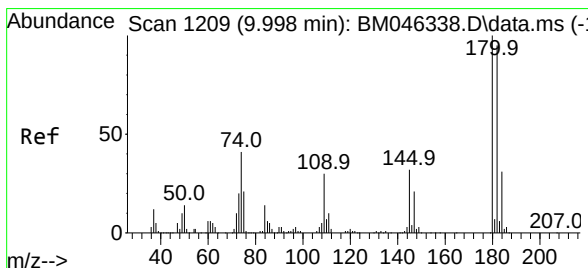
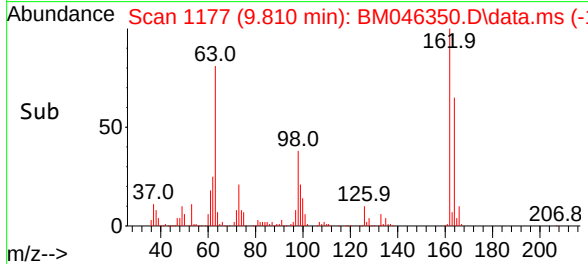
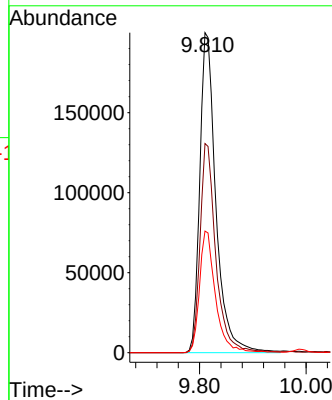
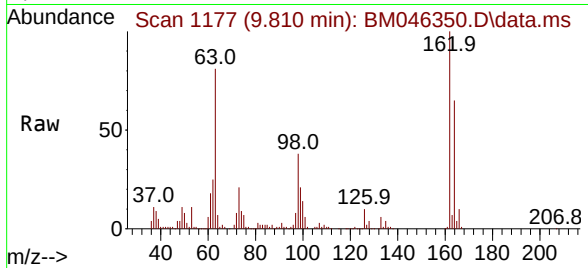
Tgt Ion:162 Resp: 421147

Ion Ratio Lower Upper

162 100

164 65.3 42.7 82.7

98 38.0 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 44.922 ng

RT: 9.992 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

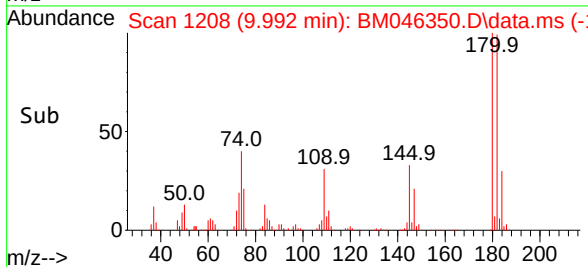
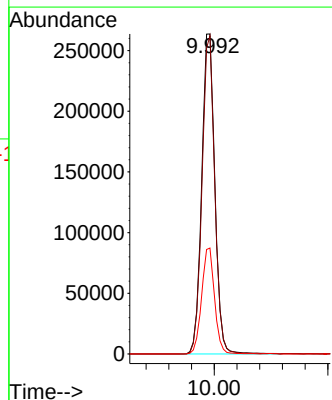
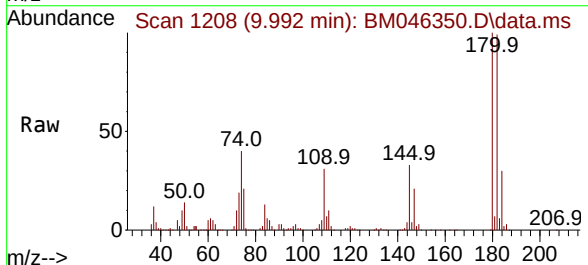
Tgt Ion:180 Resp: 422977

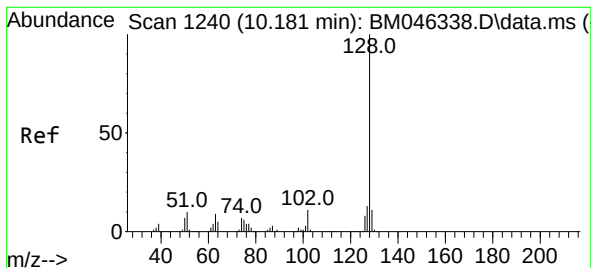
Ion Ratio Lower Upper

180 100

182 99.5 75.6 113.4

145 33.1 26.0 39.0





#31

Naphthalene

Concen: 44.129 ng

RT: 10.175 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

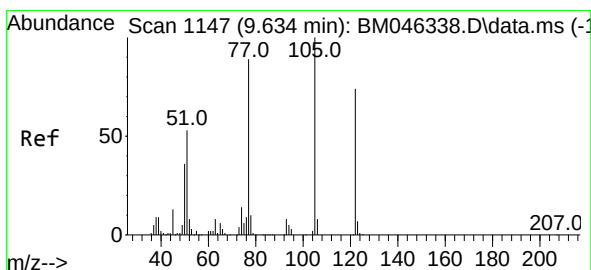
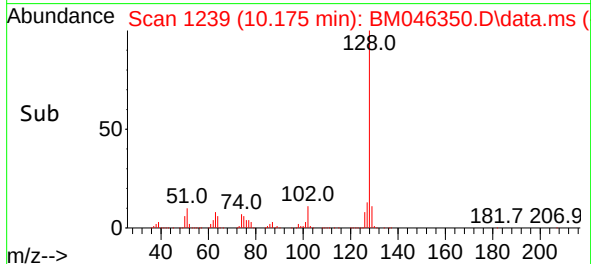
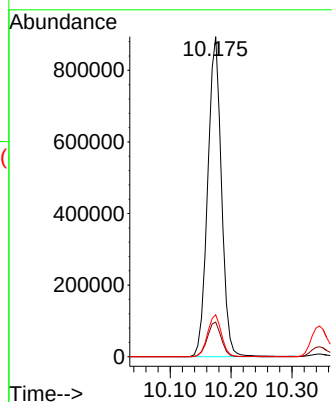
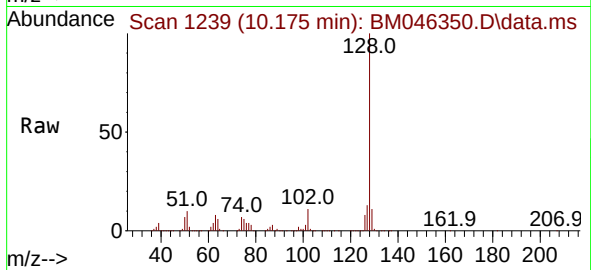
Tgt Ion:128 Resp: 1400460

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 39.875 ng

RT: 9.622 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

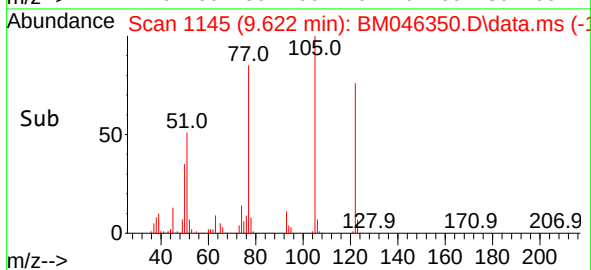
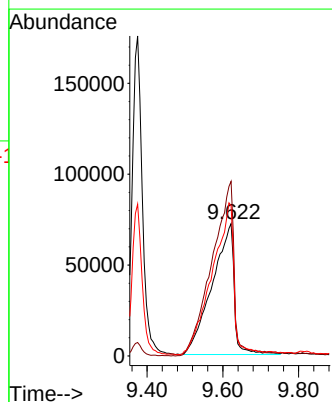
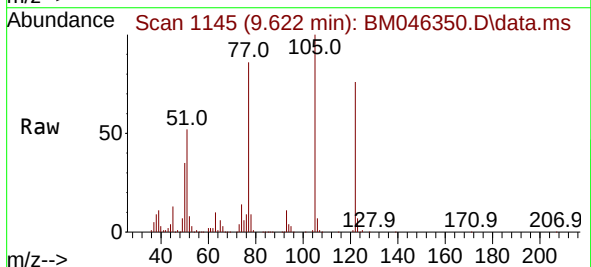
Tgt Ion:122 Resp: 292608

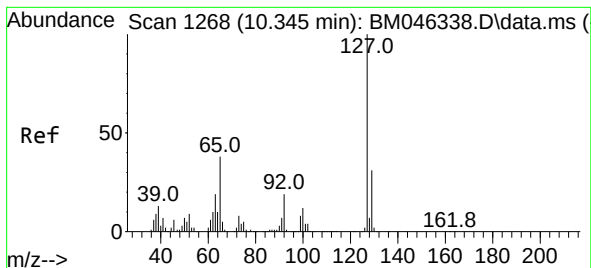
Ion Ratio Lower Upper

122 100

105 131.9 115.0 155.0

77 113.5 100.1 140.1





#33

4-Chloroaniline

Concen: 17.888 ng

RT: 10.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

Tgt Ion:127 Resp: 198854

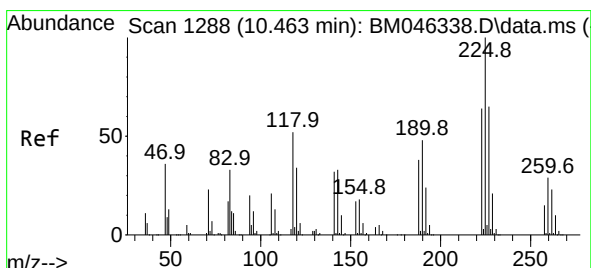
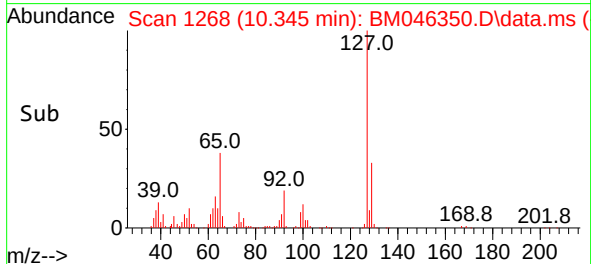
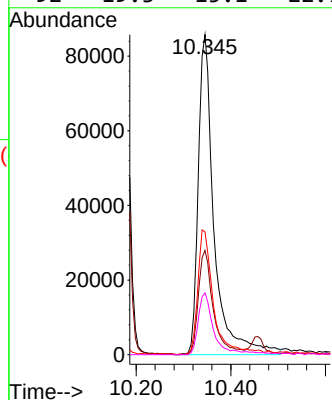
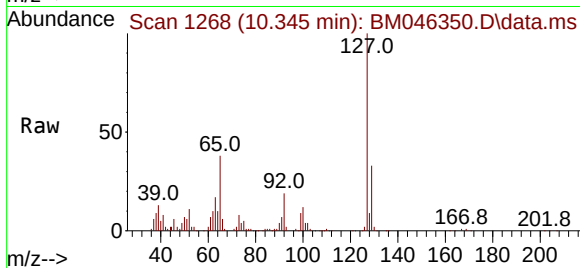
Ion Ratio Lower Upper

127 100

129 32.6 25.0 37.4

65 38.3 30.2 45.4

92 19.3 15.1 22.7



#34

Hexachlorobutadiene

Concen: 43.973 ng

RT: 10.457 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

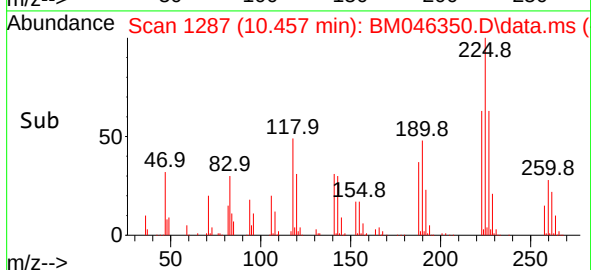
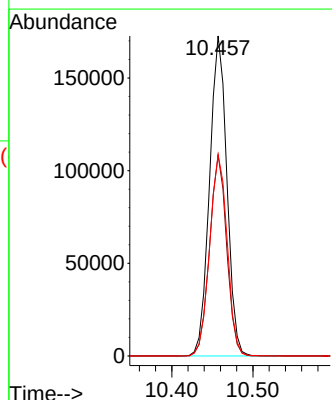
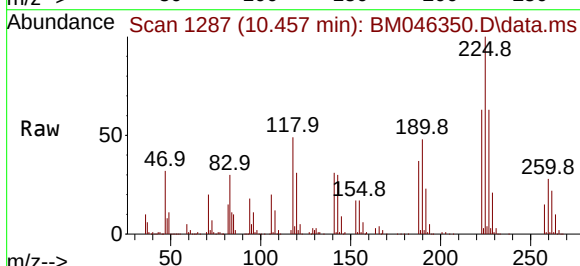
Tgt Ion:225 Resp: 255260

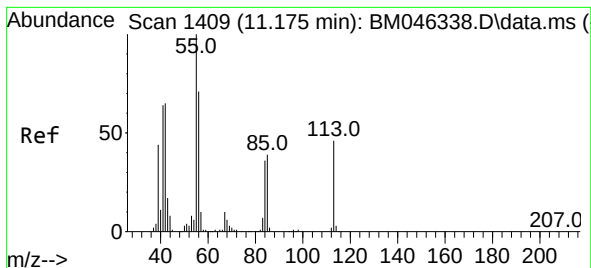
Ion Ratio Lower Upper

225 100

223 62.7 50.8 76.2

227 62.9 51.6 77.4

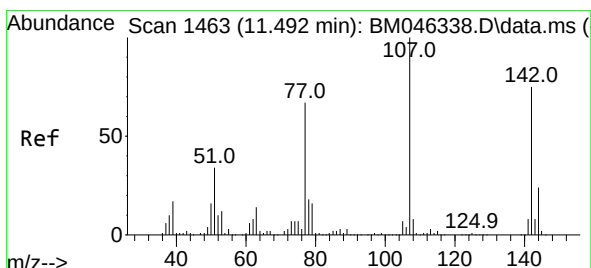
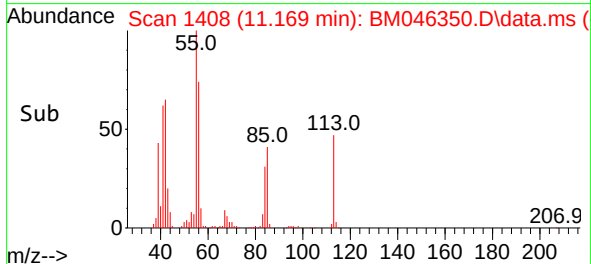
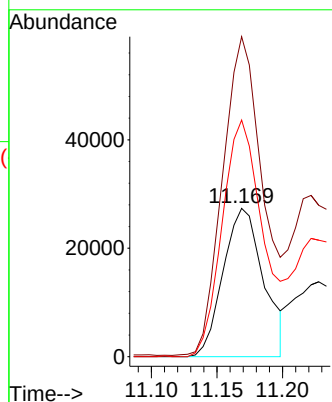
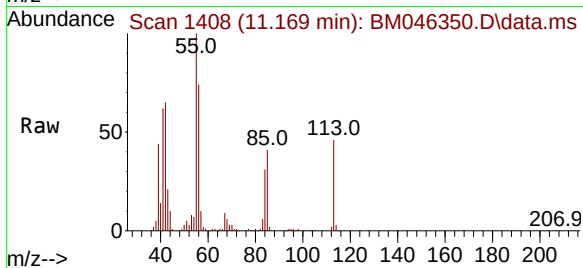




#35
 Caprolactam
 Concen: 19.216 ng
 RT: 11.169 min Scan# 1408
 Delta R.T. -0.006 min
 Lab File: BM046350.D
 Acq: 28 Jun 2024 13:25

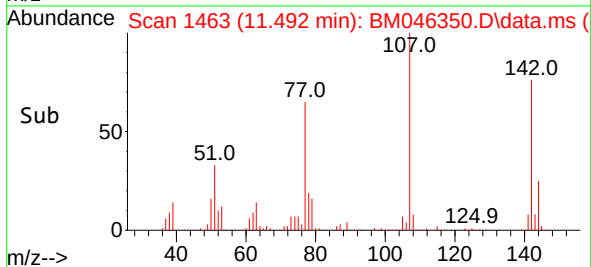
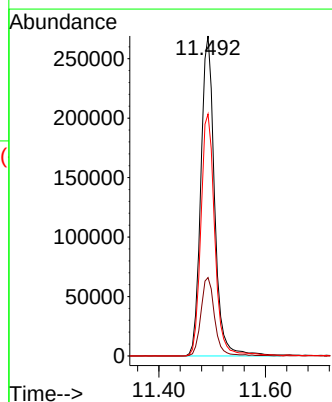
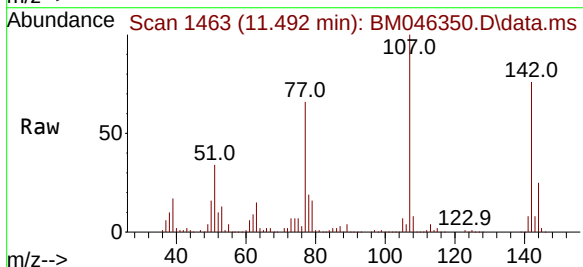
Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MS

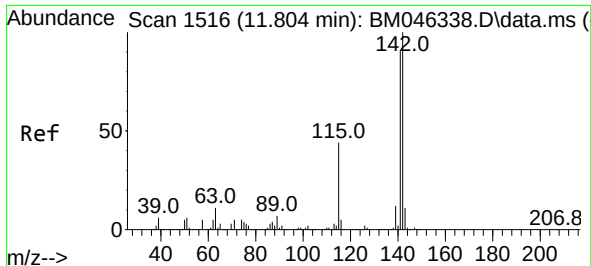
Tgt Ion:113 Resp: 58528
 Ion Ratio Lower Upper
 113 100
 55 215.7 199.3 239.3
 56 159.6 136.8 176.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.487 ng
 RT: 11.492 min Scan# 1463
 Delta R.T. 0.000 min
 Lab File: BM046350.D
 Acq: 28 Jun 2024 13:25

Tgt Ion:107 Resp: 480957
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.4
 142 75.6 60.1 90.1

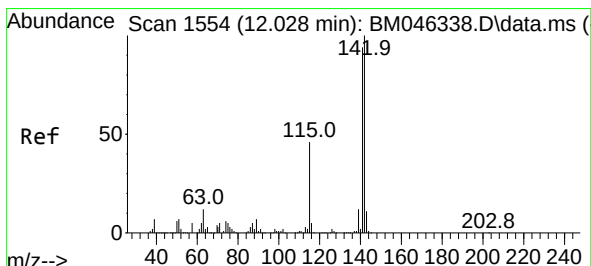
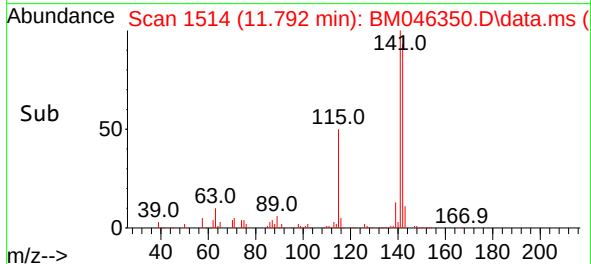
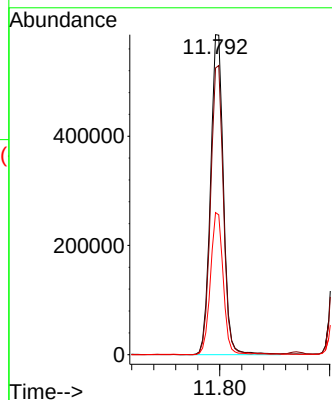
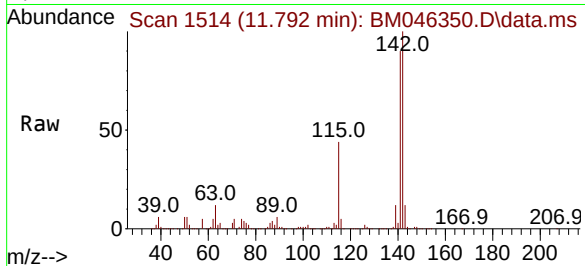




#37
2-Methylnaphthalene
Concen: 44.598 ng
RT: 11.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

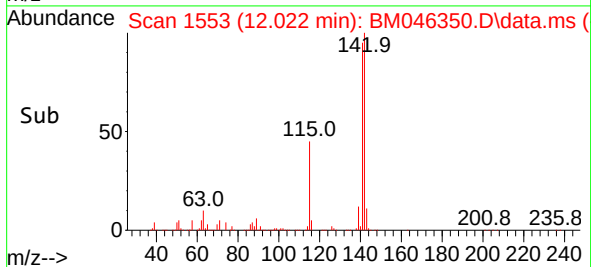
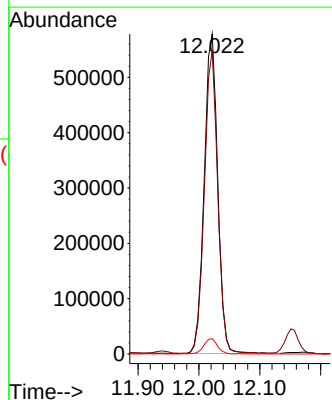
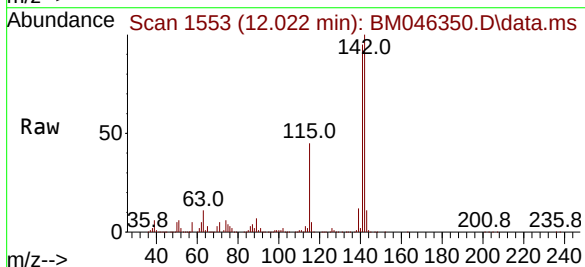
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

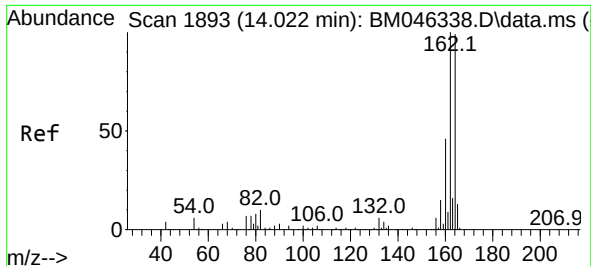
Tgt Ion:142 Resp: 954541
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2
115 44.4 34.8 52.2



#38
1-Methylnaphthalene
Concen: 41.983 ng
RT: 12.022 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:142 Resp: 888460
Ion Ratio Lower Upper
142 100
141 94.8 75.3 112.9
116 4.8 3.8 5.6

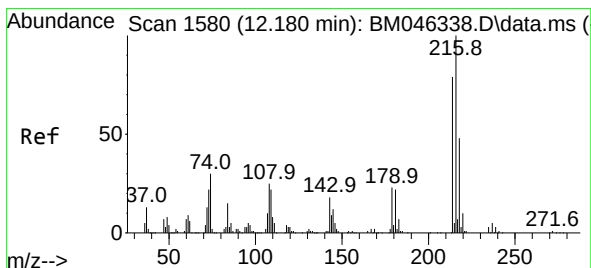
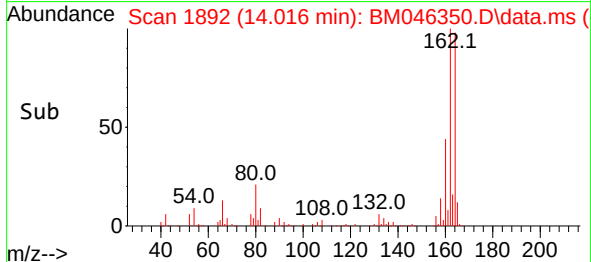
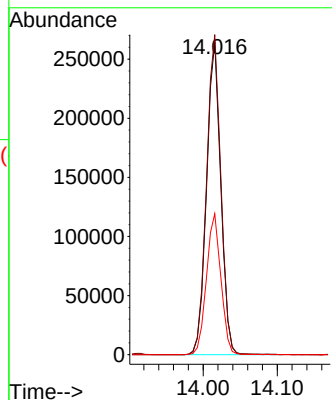
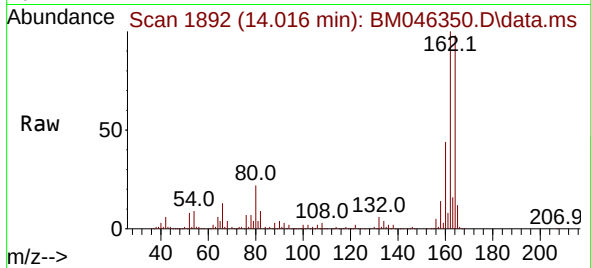




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

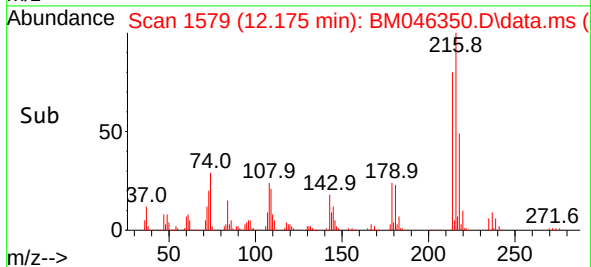
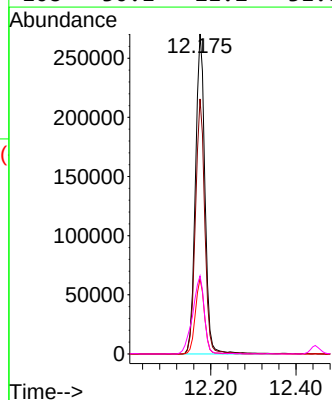
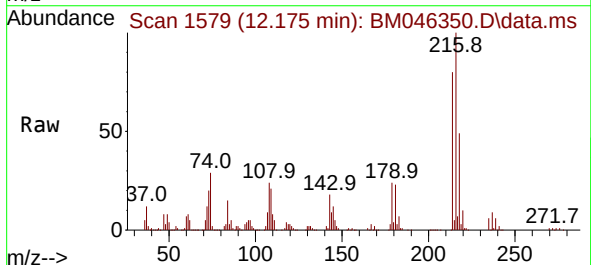
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

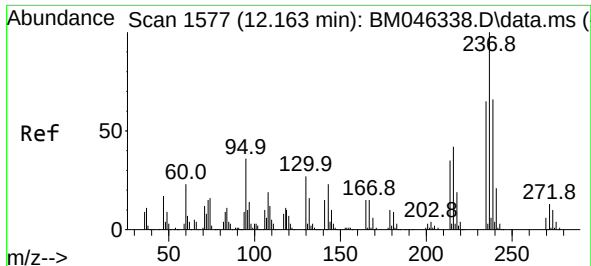
Tgt Ion:164 Resp: 352305
Ion Ratio Lower Upper
164 100
162 102.3 80.5 120.7
160 45.1 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.515 ng
RT: 12.175 min Scan# 1579
Delta R.T. -0.005 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

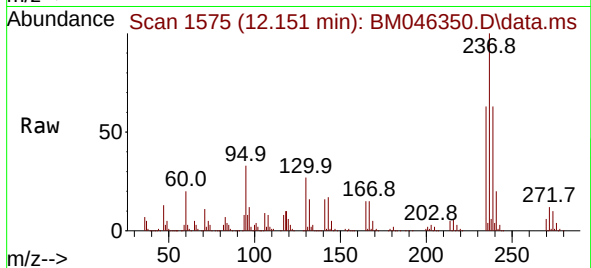
Tgt Ion:216 Resp: 418386
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 22.6 17.9 26.9
108 30.1 21.2 31.8



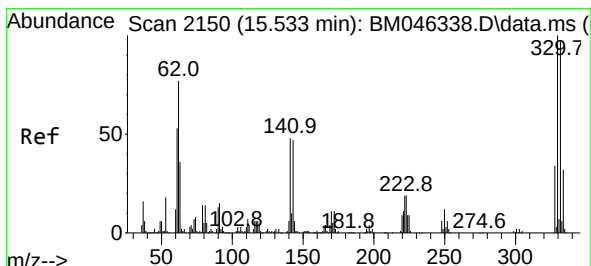
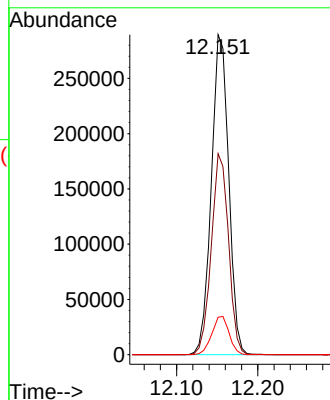
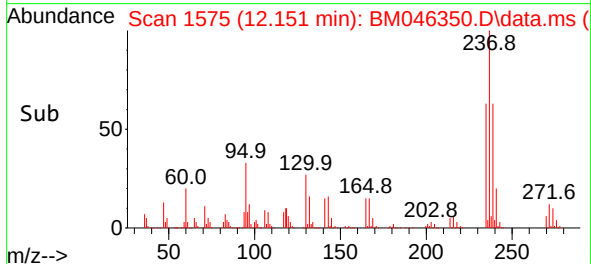


#41
Hexachlorocyclopentadiene
Concen: 116.506 ng
RT: 12.151 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Instrument :
BNA_M
ClientSampleId :
7-S-1MS

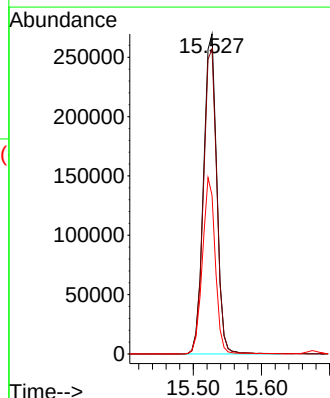
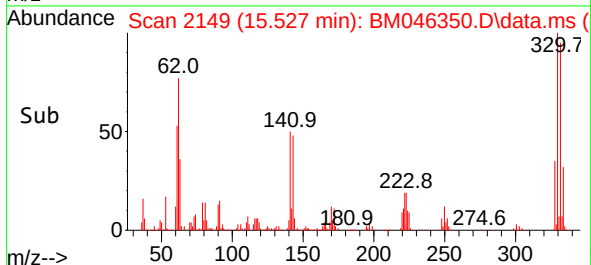
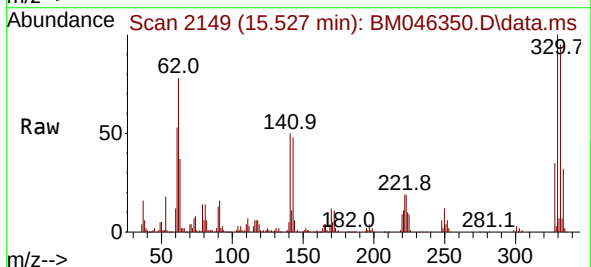


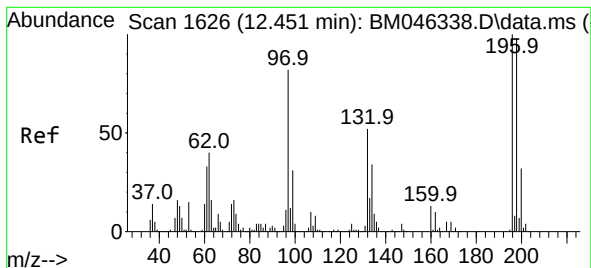
Tgt Ion:237 Resp: 429107
Ion Ratio Lower Upper
237 100
235 62.8 44.5 84.5
272 11.7 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 85.003 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:330 Resp: 364195
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 53.4 43.2 64.8

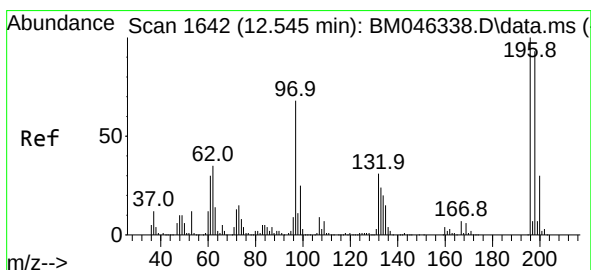
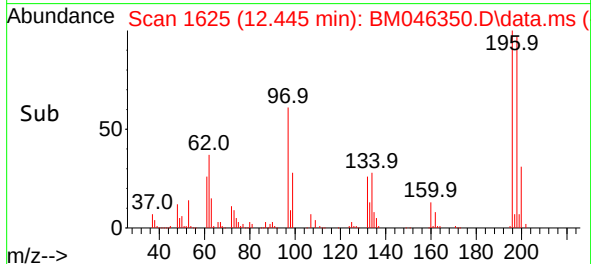
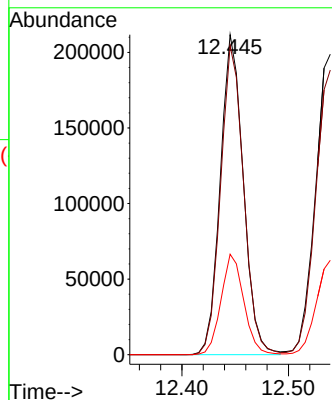
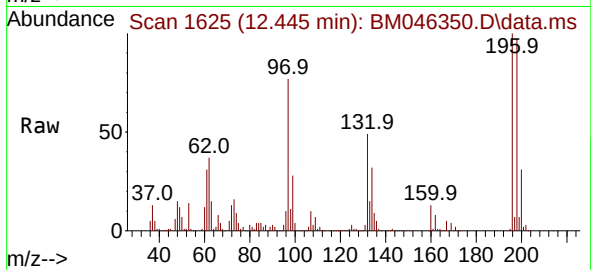




#43
2,4,6-Trichlorophenol
Concen: 50.938 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

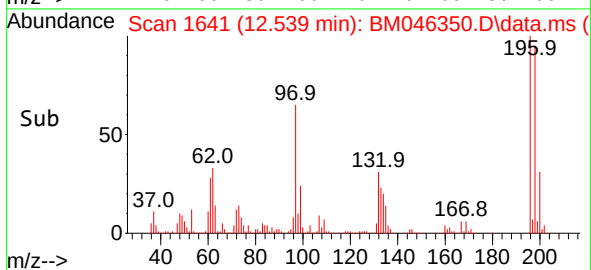
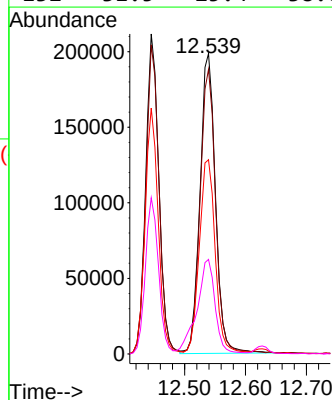
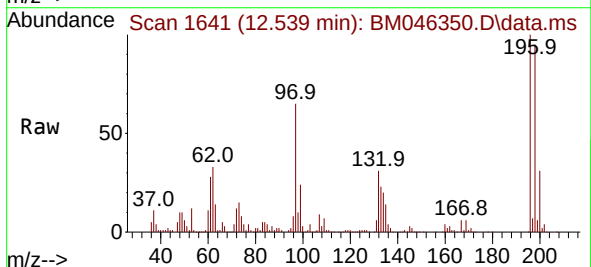
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

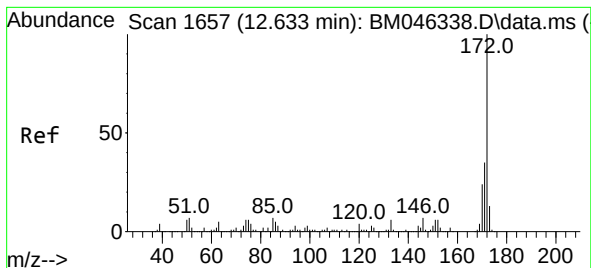
Tgt Ion:196 Resp: 317985
Ion Ratio Lower Upper
196 100
198 96.6 78.7 118.1
200 31.4 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 48.780 ng
RT: 12.539 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:196 Resp: 350886
Ion Ratio Lower Upper
196 100
198 94.7 74.7 112.1
97 64.7 54.6 82.0
132 31.5 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 45.777 ng

RT: 12.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

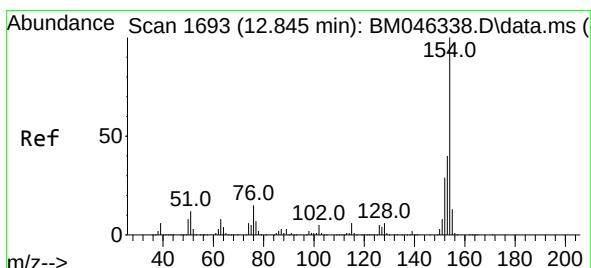
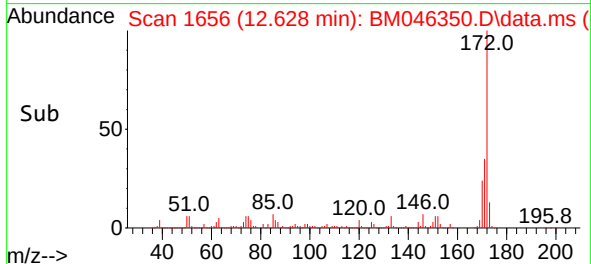
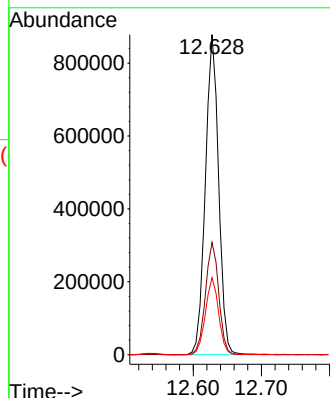
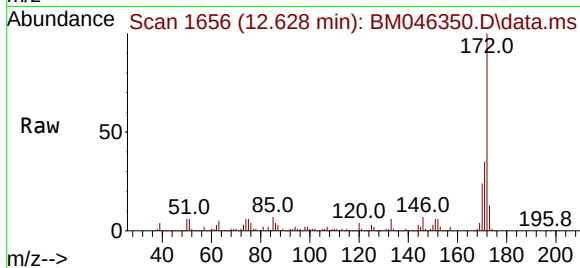
Tgt Ion:172 Resp: 1189892

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 43.447 ng

RT: 12.839 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

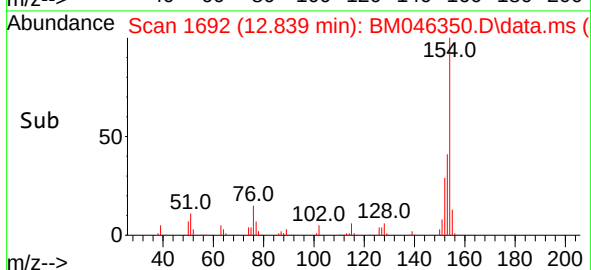
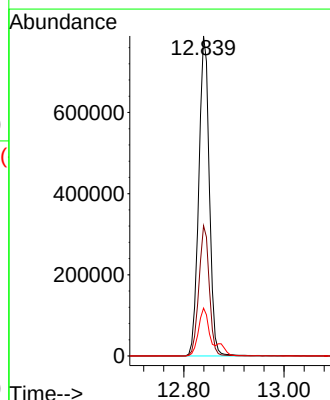
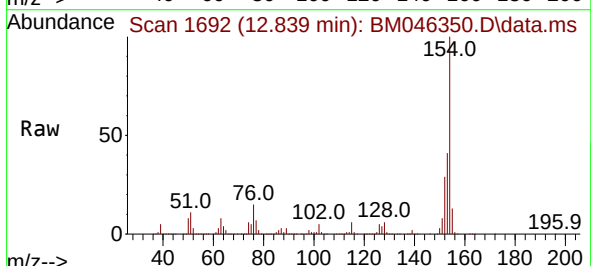
Tgt Ion:154 Resp: 1145926

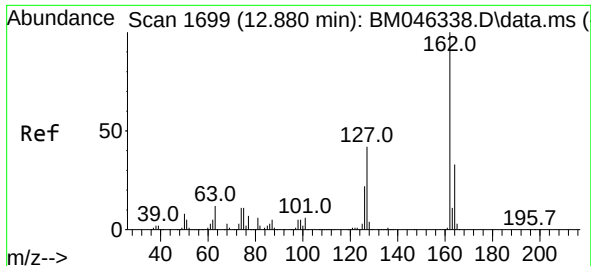
Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

76 15.0 0.0 34.8

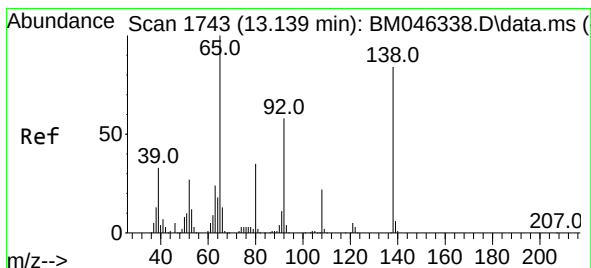
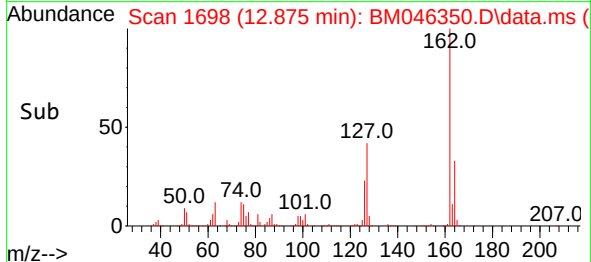
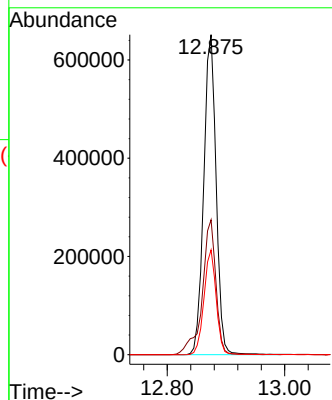
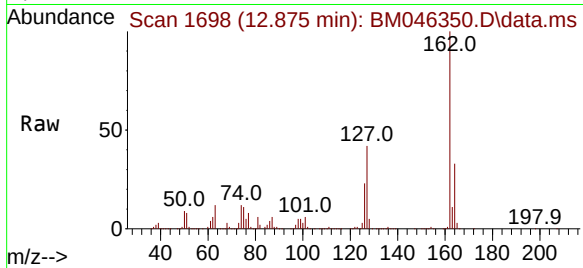




#47
2-Chloronaphthalene
Concen: 46.520 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

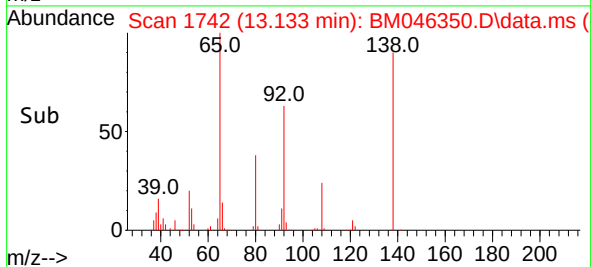
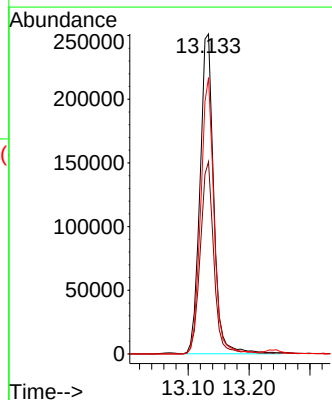
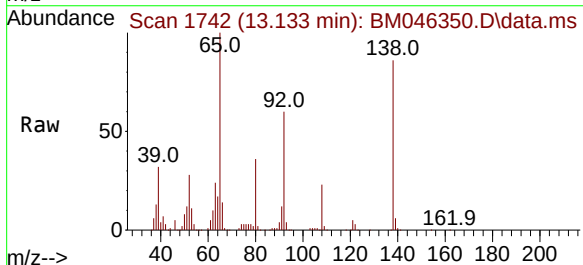
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

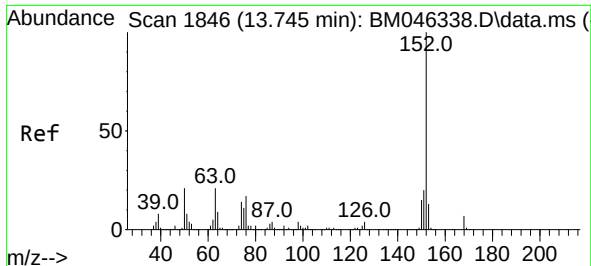
Tgt Ion:162 Resp: 952427
Ion Ratio Lower Upper
162 100
127 42.2 34.1 51.1
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 48.298 ng
RT: 13.133 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion: 65 Resp: 392568
Ion Ratio Lower Upper
65 100
92 60.1 46.7 70.1
138 86.4 67.3 100.9

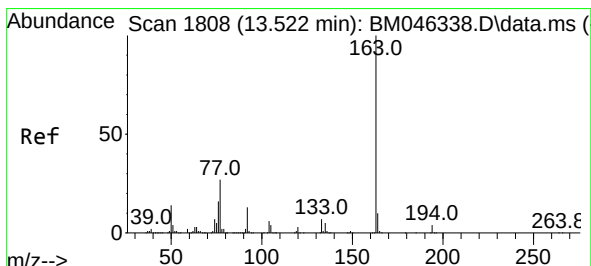
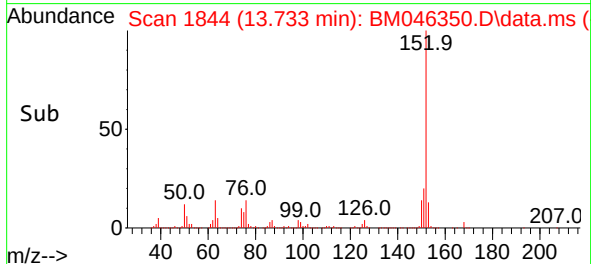
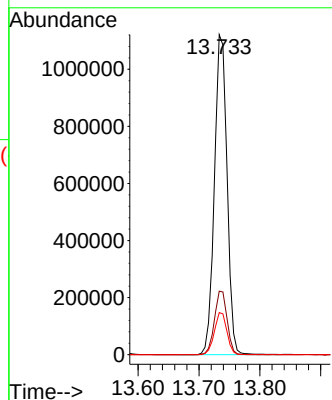
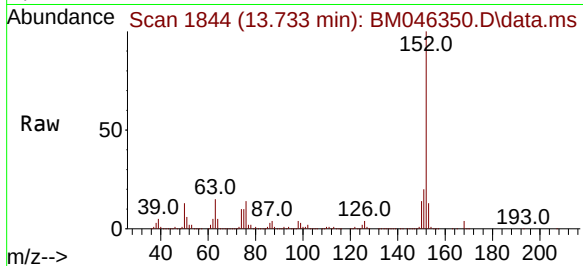




#49
Acenaphthylene
Concen: 51.180 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

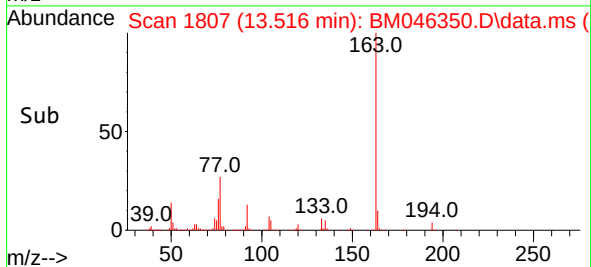
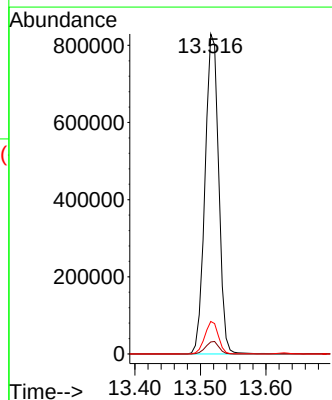
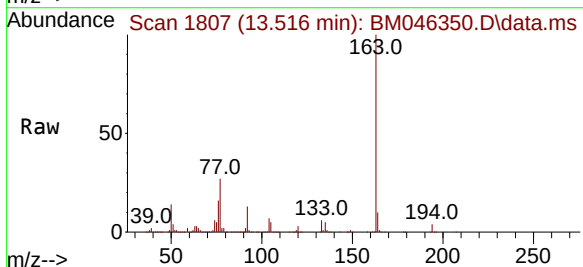
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

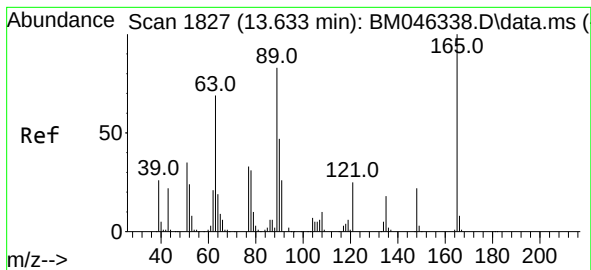
Tgt Ion:152 Resp: 1615439
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 46.689 ng
RT: 13.516 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:163 Resp: 1202447
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 7.8 11.8

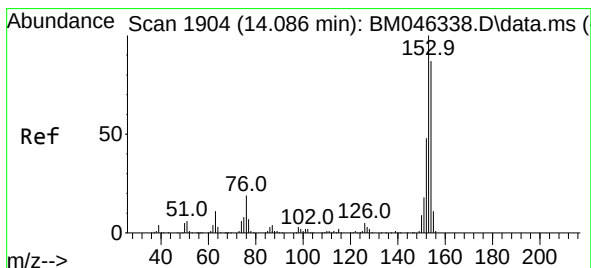
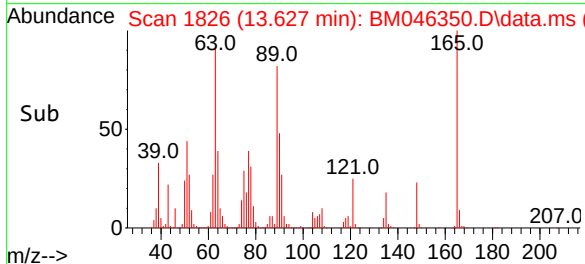
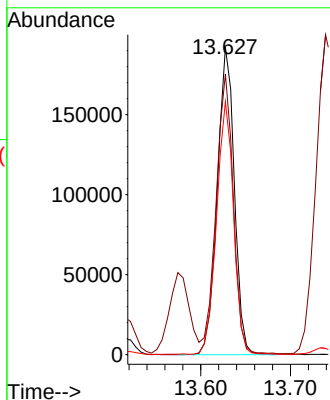
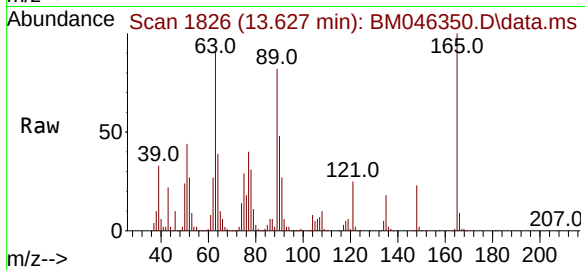




#51
2,6-Dinitrotoluene
Concen: 44.305 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

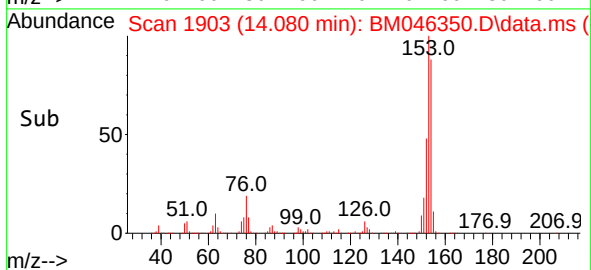
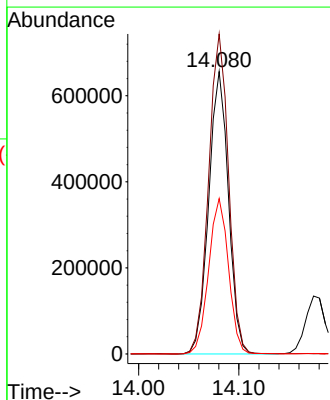
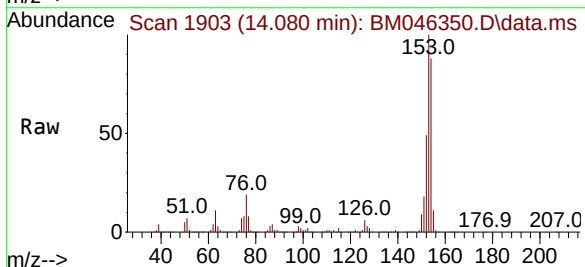
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

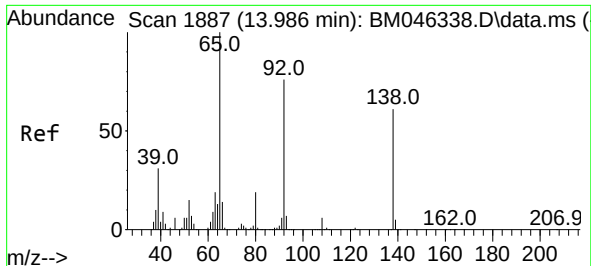
Tgt Ion:165 Resp: 254098
Ion Ratio Lower Upper
165 100
63 91.3 74.4 111.6
89 82.3 66.2 99.2



#52
Acenaphthene
Concen: 45.717 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:154 Resp: 896926
Ion Ratio Lower Upper
154 100
153 113.3 92.0 138.0
152 55.0 44.4 66.6

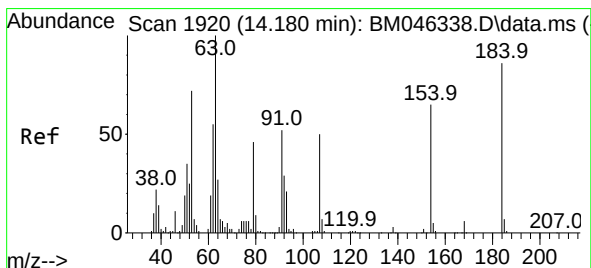
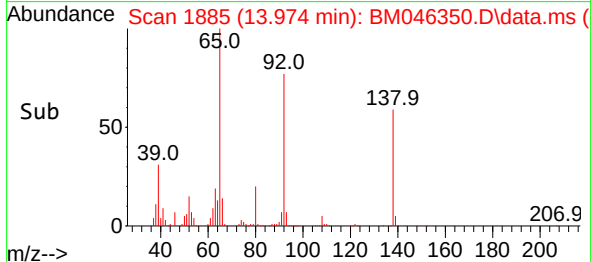
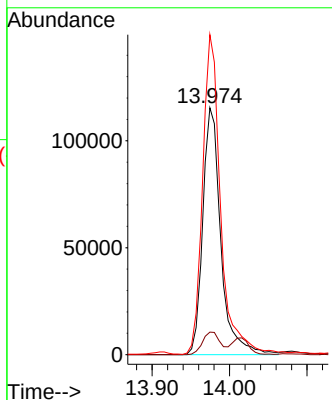
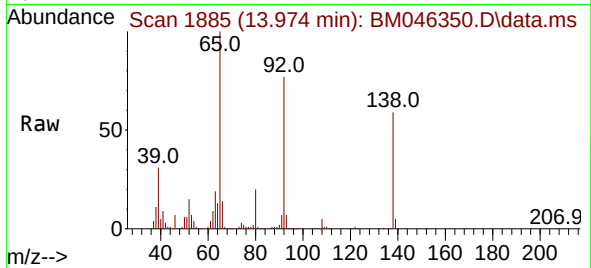




#53
3-Nitroaniline
Concen: 32.301 ng
RT: 13.974 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

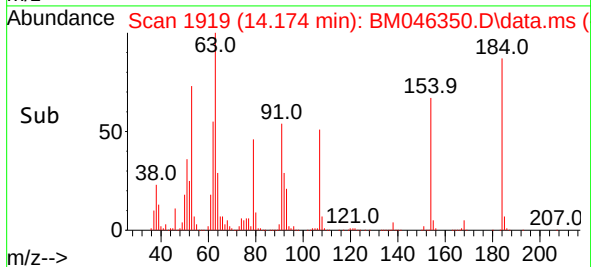
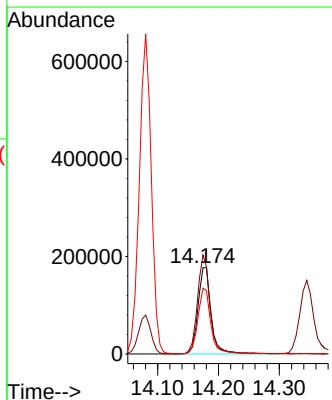
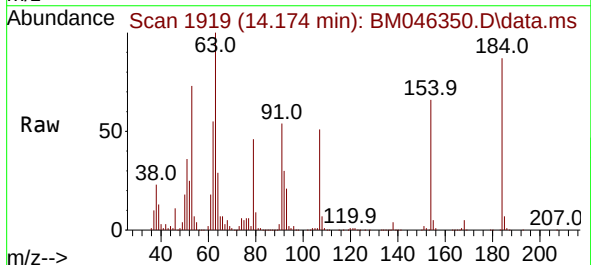
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

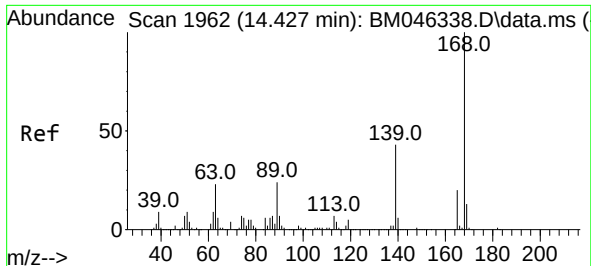
Tgt Ion:138 Resp: 187172
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.0
92 129.6 99.3 148.9



#54
2,4-Dinitrophenol
Concen: 77.987 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:184 Resp: 263830
Ion Ratio Lower Upper
184 100
63 114.5 93.5 140.3
154 76.1 61.2 91.8

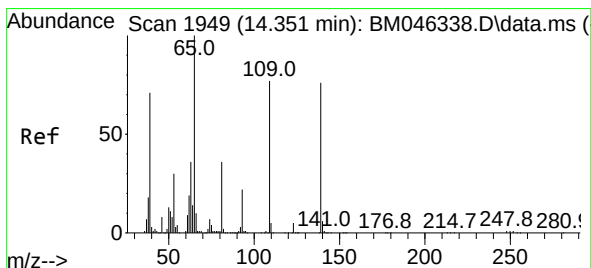
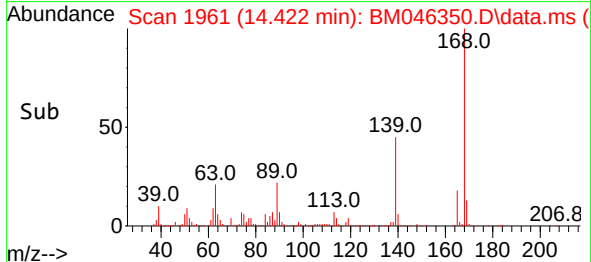
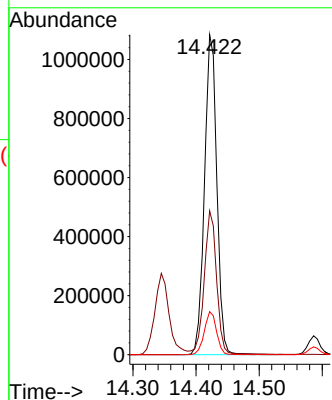
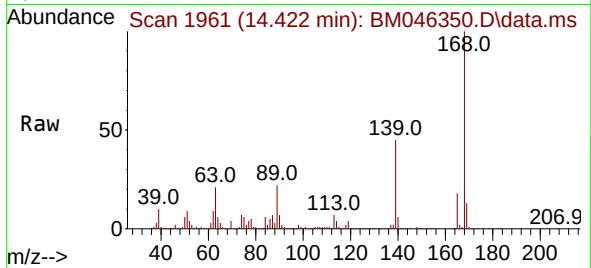




#55
Dibenzenofuran
Concen: 46.913 ng
RT: 14.422 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

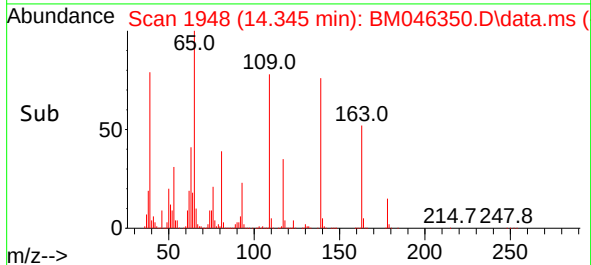
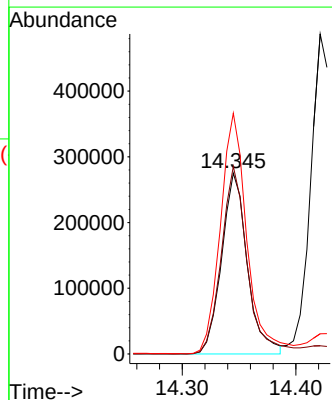
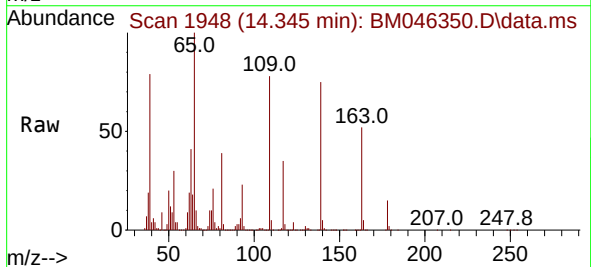
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

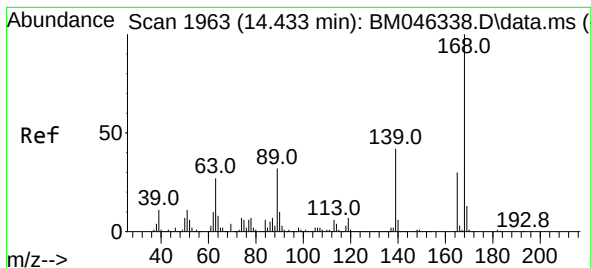
Tgt Ion:168 Resp: 1474793
Ion Ratio Lower Upper
168 100
139 44.9 35.4 53.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 89.869 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:139 Resp: 433713
Ion Ratio Lower Upper
139 100
109 103.8 82.0 122.0
65 133.2 112.0 152.0

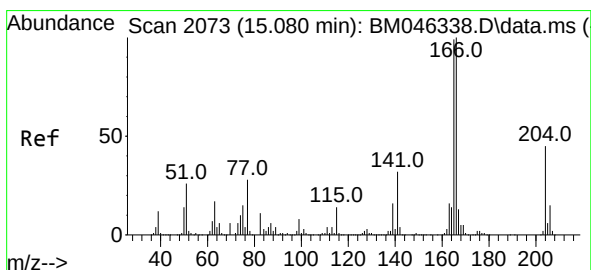
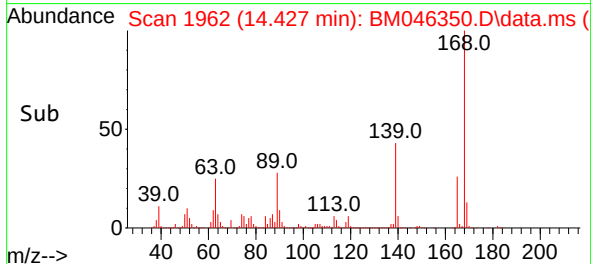
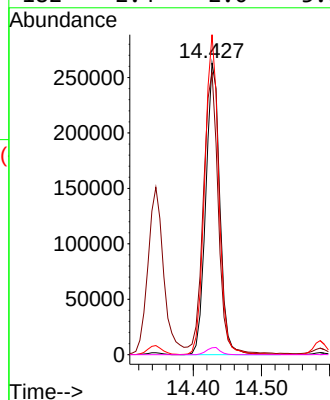
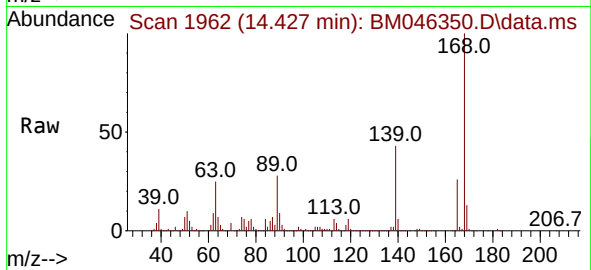




#57
2,4-Dinitrotoluene
Concen: 45.483 ng
RT: 14.427 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

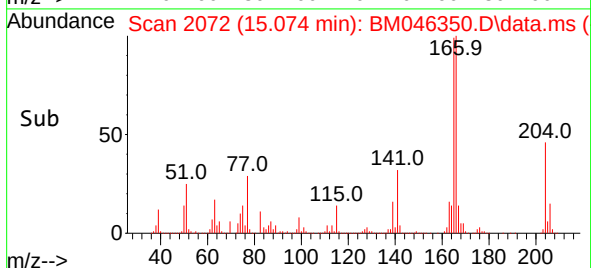
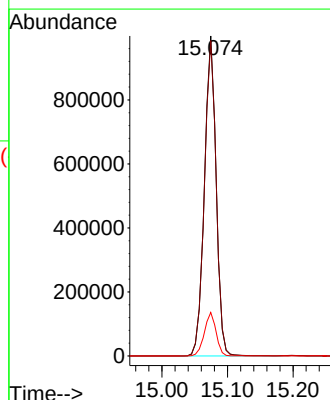
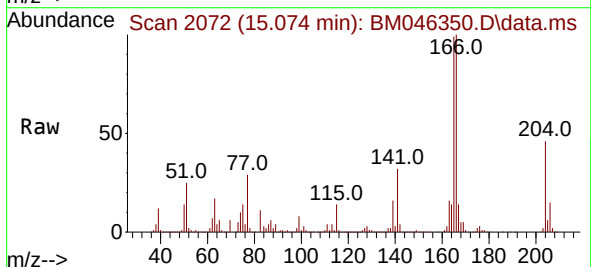
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

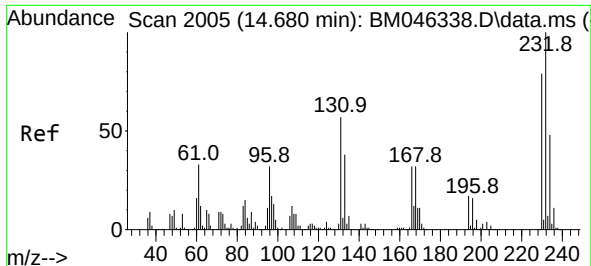
Tgt Ion:165 Resp: 377501
Ion Ratio Lower Upper
165 100
63 96.8 74.2 111.2
89 109.7 86.1 129.1
182 2.4 2.0 3.0



#58
Fluorene
Concen: 46.283 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:166 Resp: 1244558
Ion Ratio Lower Upper
166 100
165 98.5 79.4 119.0
167 13.6 10.7 16.1

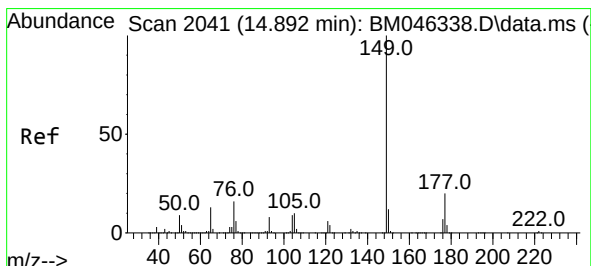
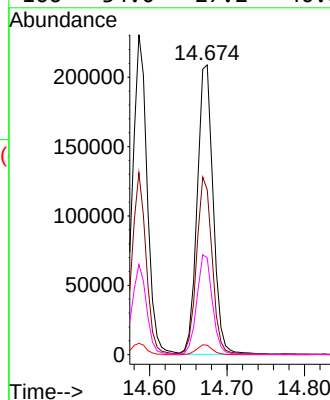
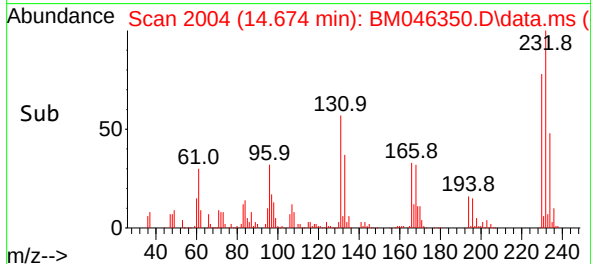
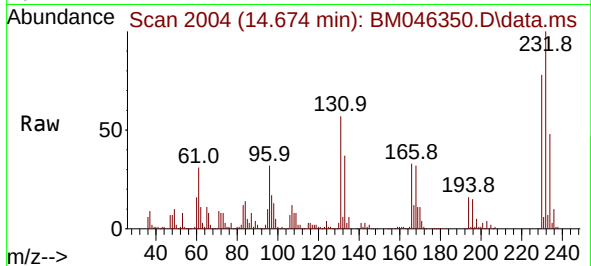




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.089 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

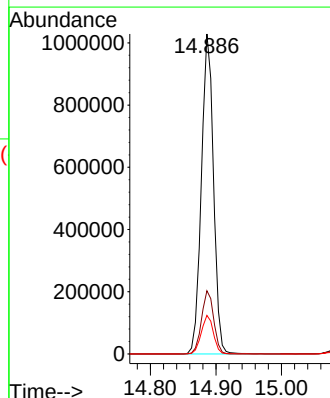
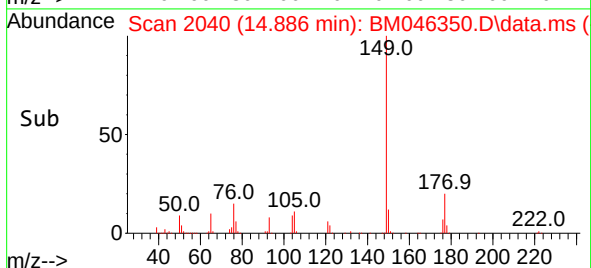
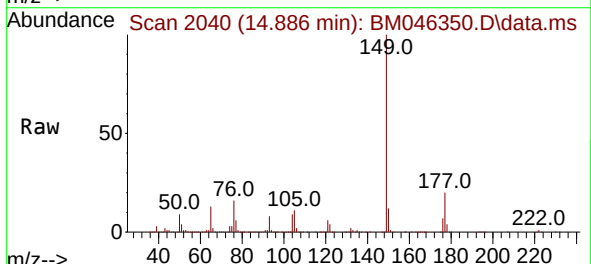
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

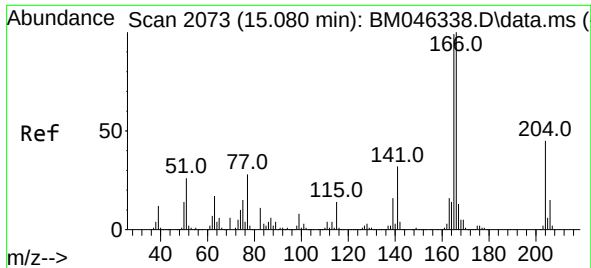
Tgt Ion:232 Resp: 297617
Ion Ratio Lower Upper
232 100
131 59.5 48.3 72.5
130 3.4 2.7 4.1
166 34.0 27.2 40.8



#60
Diethylphthalate
Concen: 46.754 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:149 Resp: 1324588
Ion Ratio Lower Upper
149 100
177 19.7 15.8 23.8
150 12.1 9.9 14.9

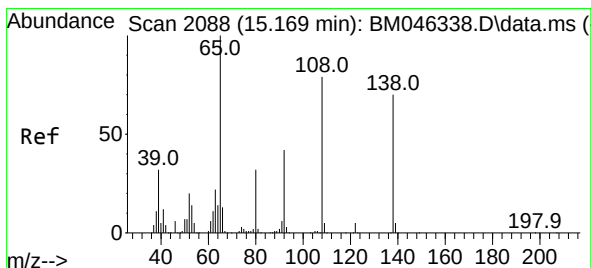
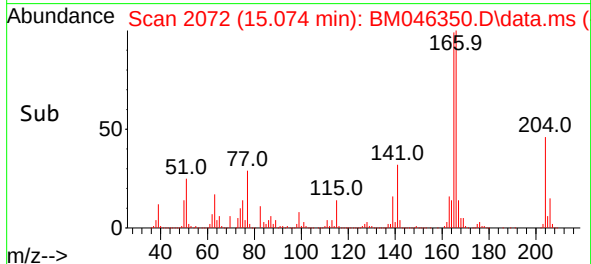
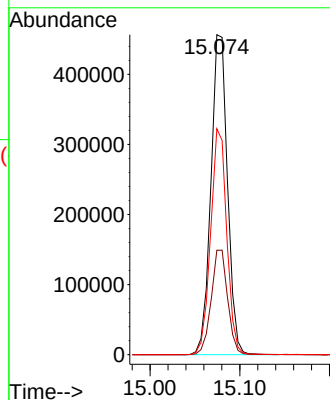
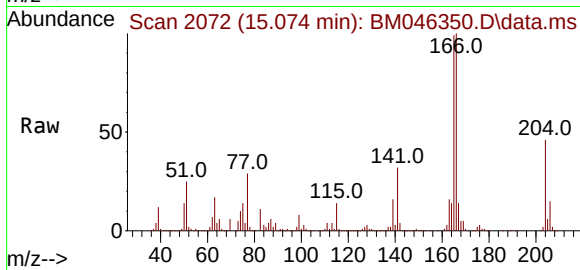




#61
4-Chlorophenyl-phenylether
Concen: 46.771 ng
RT: 15.074 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

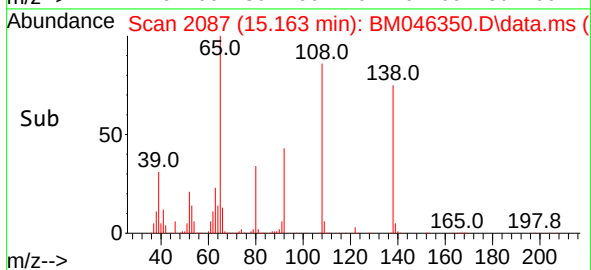
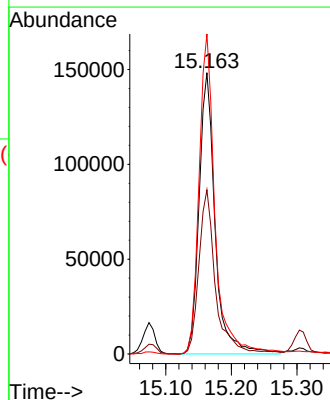
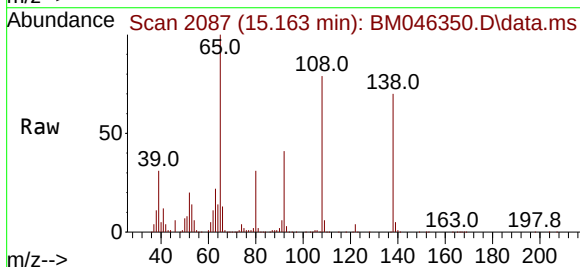
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

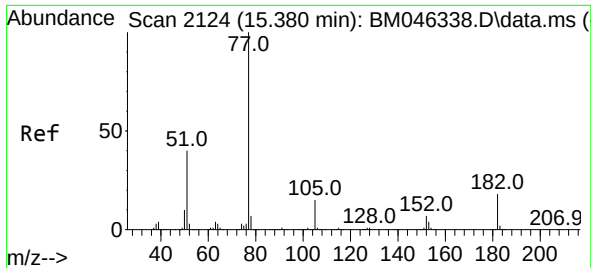
Tgt Ion:204 Resp: 585429
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 70.6 57.4 86.2



#62
4-Nitroaniline
Concen: 44.422 ng
RT: 15.163 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:138 Resp: 252609
Ion Ratio Lower Upper
138 100
92 58.4 39.5 79.5
108 113.8 91.6 131.6

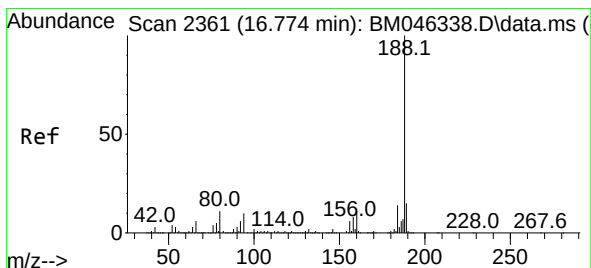
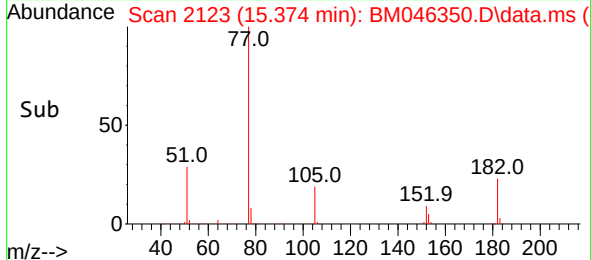
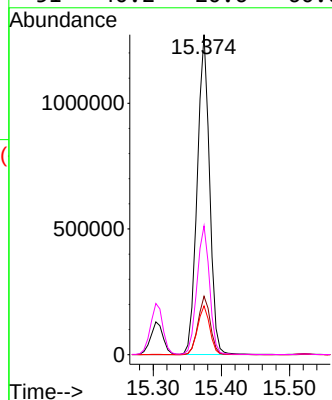
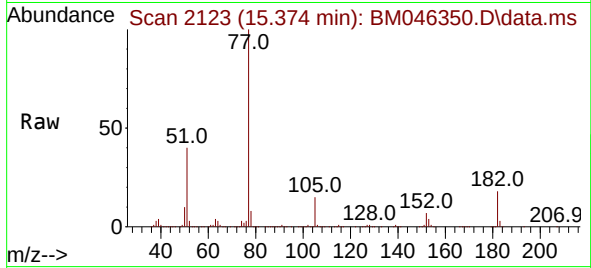




#63
Azobenzene
Concen: 47.099 ng
RT: 15.374 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

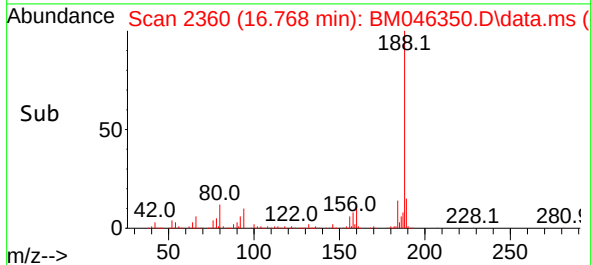
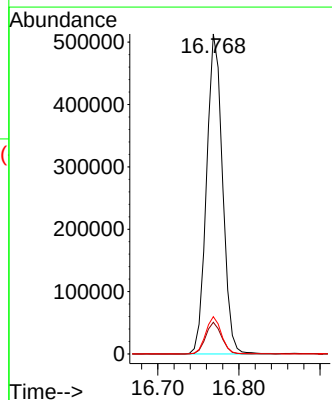
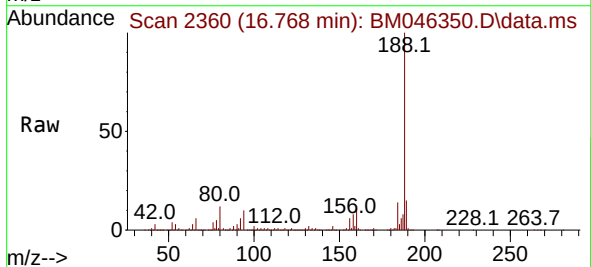
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

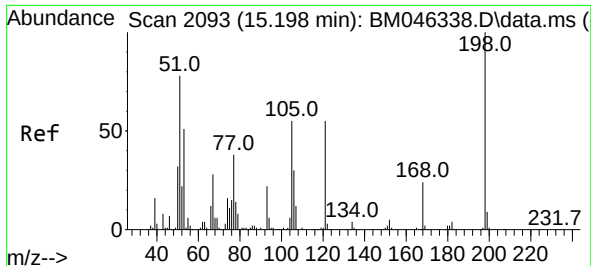
Tgt Ion: 77 Resp: 1590125
Ion Ratio Lower Upper
77 100
182 18.3 0.0 37.9
105 15.3 0.0 35.1
51 40.2 20.6 60.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.768 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:188 Resp: 699168
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.7 9.0 13.6

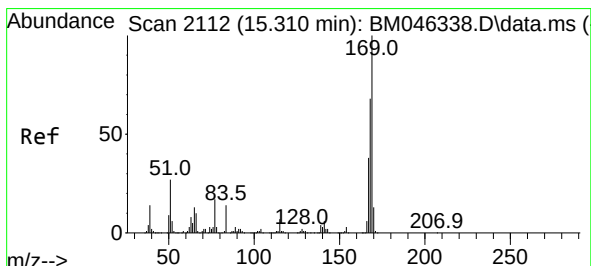
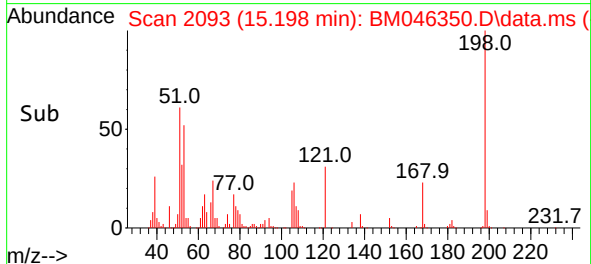
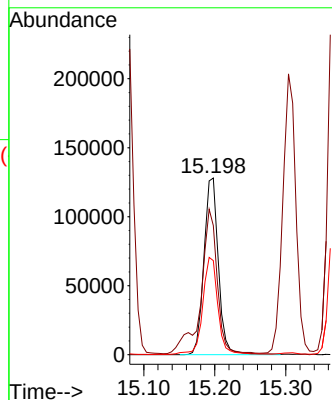
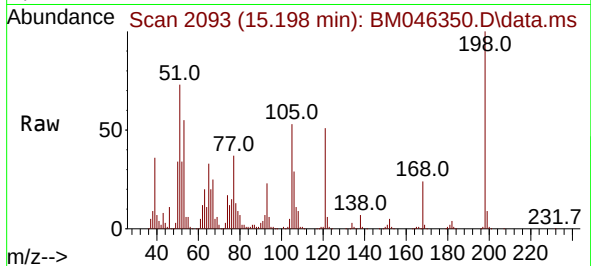




#65
4,6-Dinitro-2-methylphenol
Concen: 41.424 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

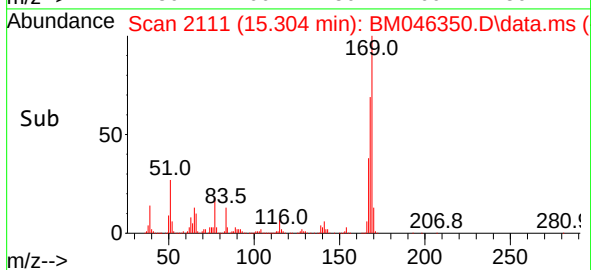
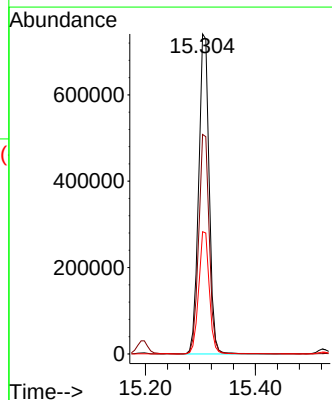
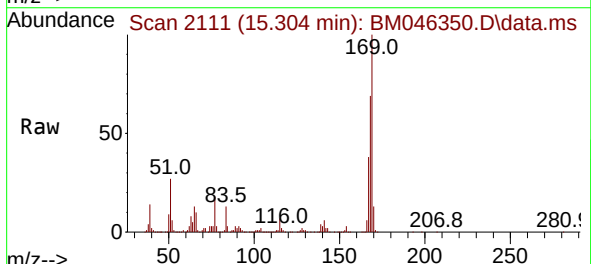
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

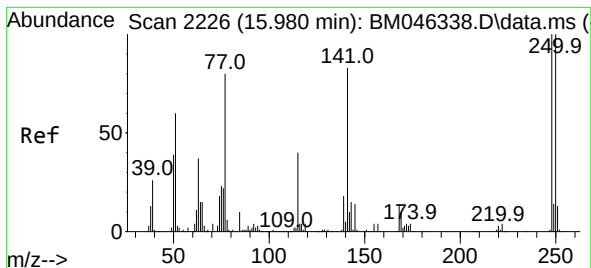
Tgt Ion:198 Resp: 181749
Ion Ratio Lower Upper
198 100
51 73.2 65.1 105.1
105 53.2 36.0 76.0



#66
n-Nitrosodiphenylamine
Concen: 48.528 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:169 Resp: 985515
Ion Ratio Lower Upper
169 100
168 68.6 54.2 81.4
167 38.2 30.2 45.2

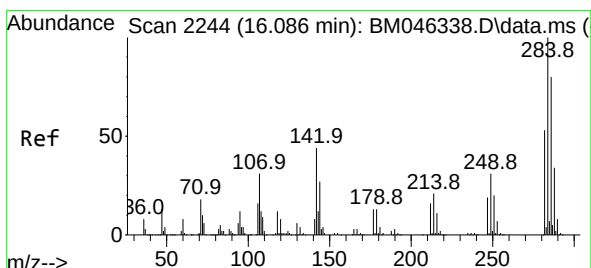
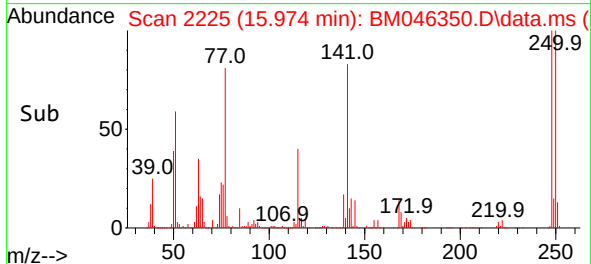
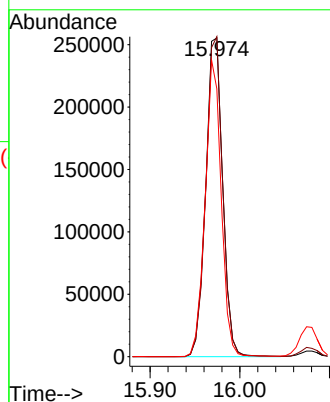
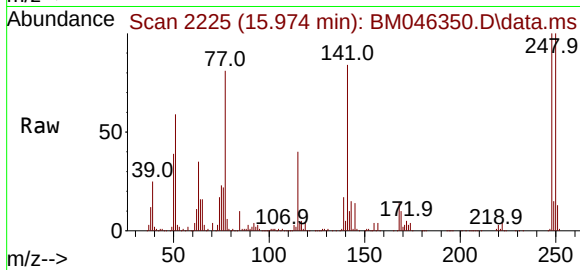




#67
4-Bromophenyl-phenylether
Concen: 47.135 ng
RT: 15.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

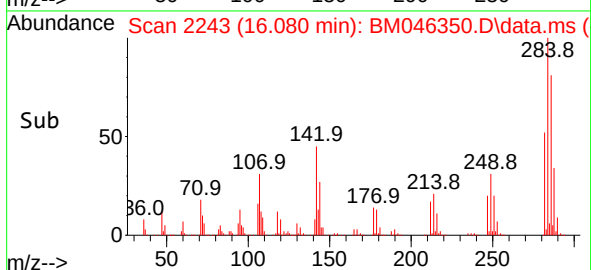
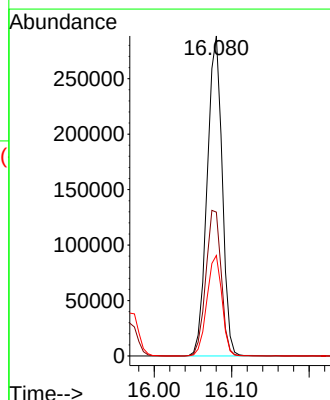
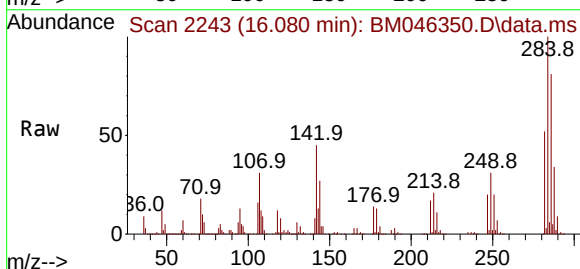
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

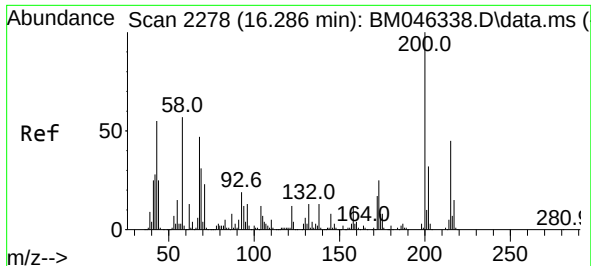
Tgt Ion:248 Resp: 336495
Ion Ratio Lower Upper
248 100
250 100.4 79.8 119.6
141 84.1 66.2 99.2



#68
Hexachlorobenzene
Concen: 45.968 ng
RT: 16.080 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:284 Resp: 387447
Ion Ratio Lower Upper
284 100
142 45.0 34.8 52.2
249 31.4 24.5 36.7

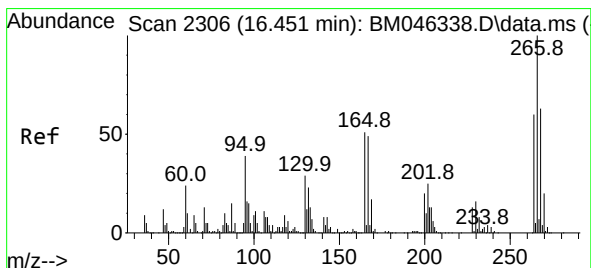
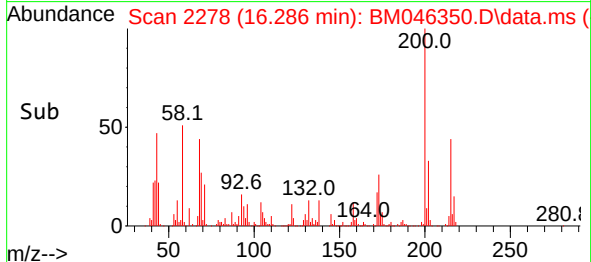
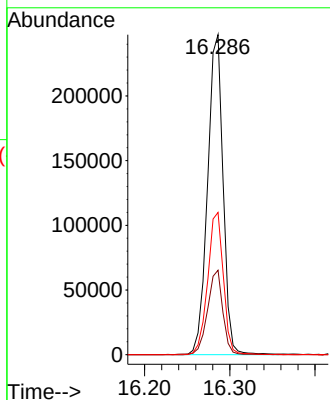
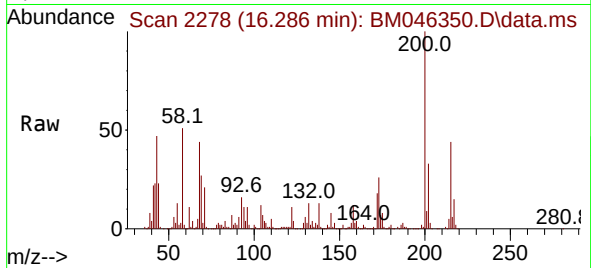




#69
Atrazine
Concen: 55.745 ng
RT: 16.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

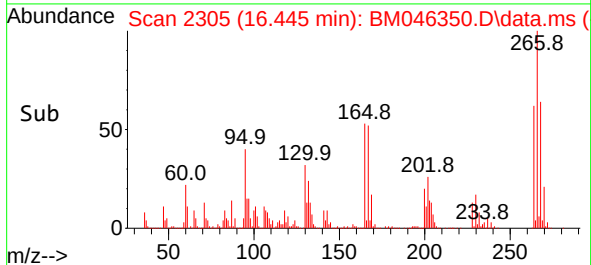
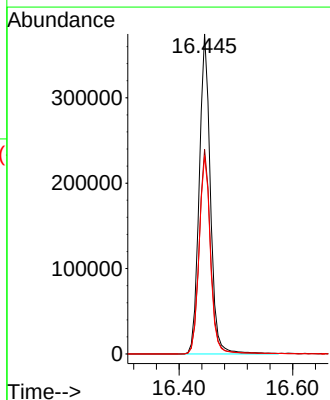
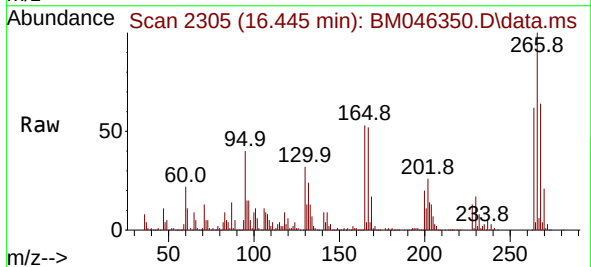
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

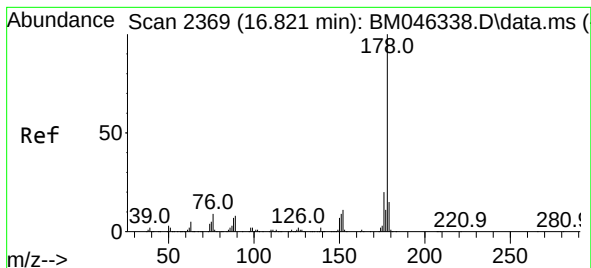
Tgt Ion:200 Resp: 312923
Ion Ratio Lower Upper
200 100
173 26.4 4.9 44.9
215 44.5 25.0 65.0



#70
Pentachlorophenol
Concen: 96.577 ng
RT: 16.445 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:266 Resp: 511998
Ion Ratio Lower Upper
266 100
268 63.9 50.3 75.5
264 62.0 48.4 72.6





#71

Phenanthrene

Concen: 49.170 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

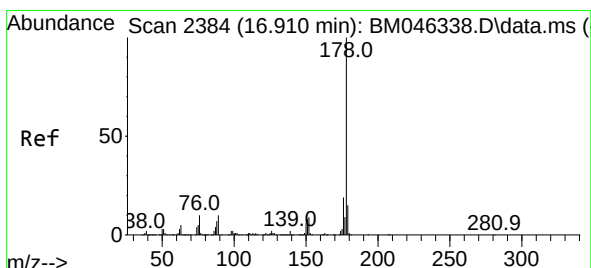
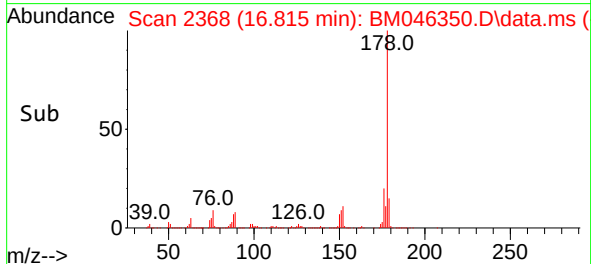
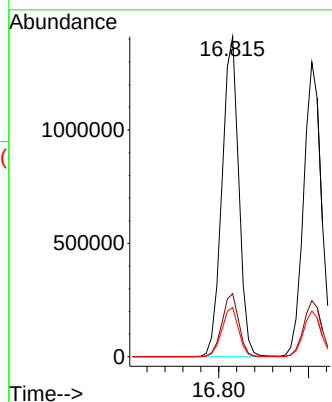
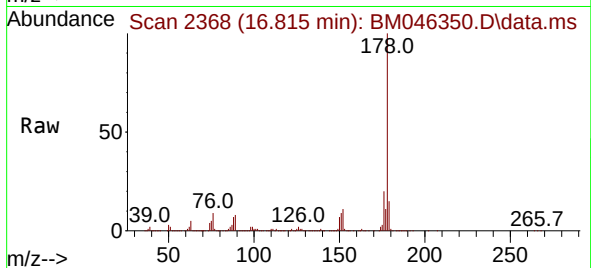
Tgt Ion:178 Resp: 1829397

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 49.968 ng

RT: 16.904 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

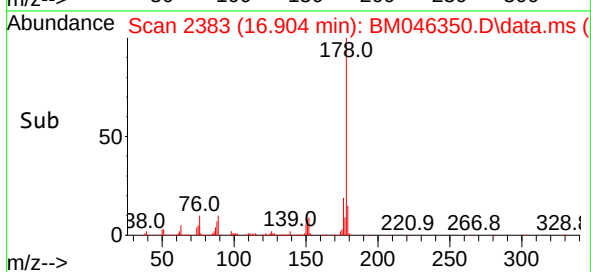
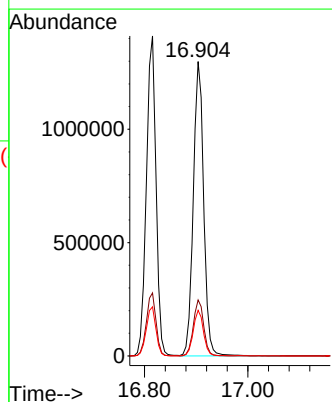
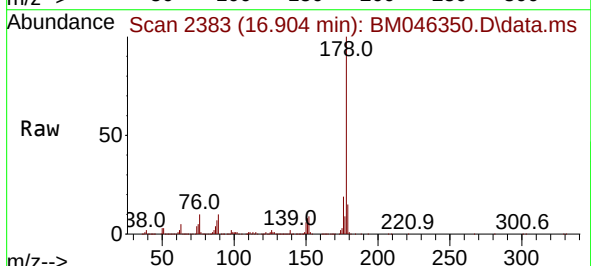
Tgt Ion:178 Resp: 1808325

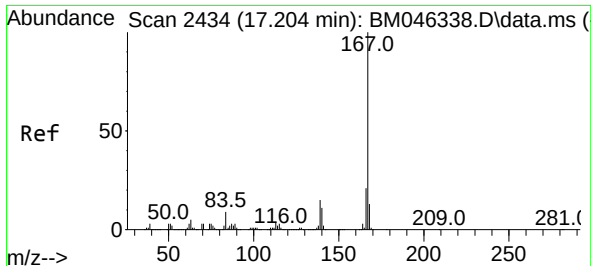
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.5 12.0 18.0



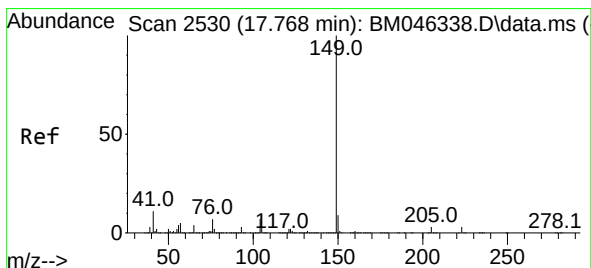
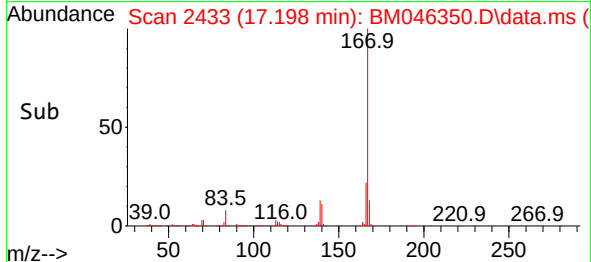
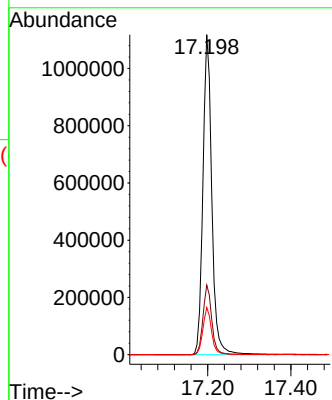
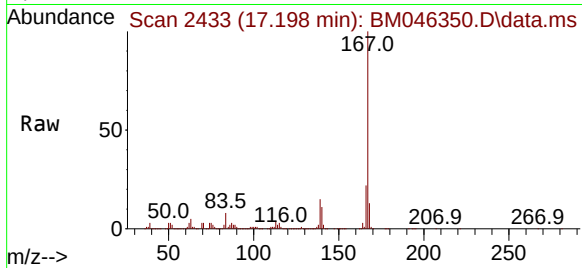


#73
 Carbazole
 Concen: 46.675 ng
 RT: 17.198 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BM046350.D
 Acq: 28 Jun 2024 13:25

Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MS

Tgt Ion:167 Resp: 1663227

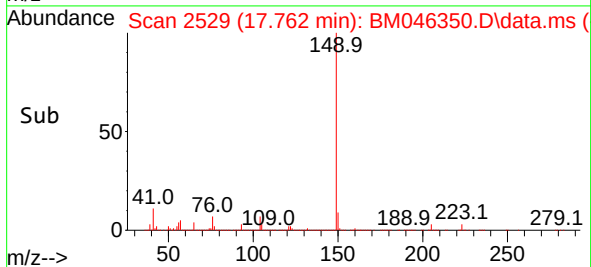
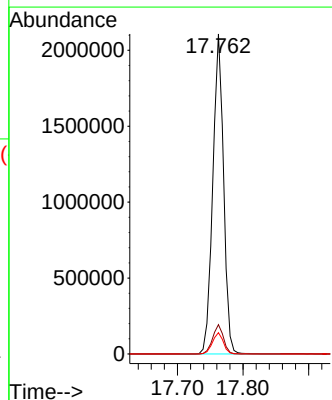
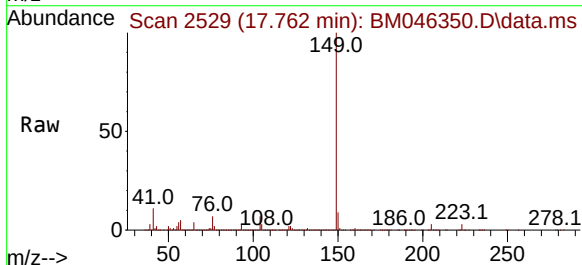
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	14.7	11.8	17.6

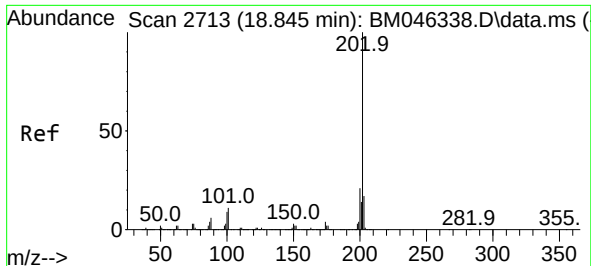


#74
 Di-n-butylphthalate
 Concen: 50.250 ng
 RT: 17.762 min Scan# 2529
 Delta R.T. -0.006 min
 Lab File: BM046350.D
 Acq: 28 Jun 2024 13:25

Tgt Ion:149 Resp: 2405792

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.7	5.4	8.2

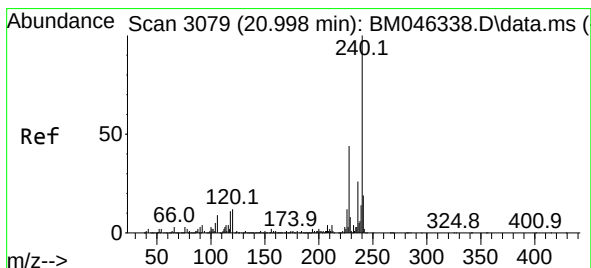
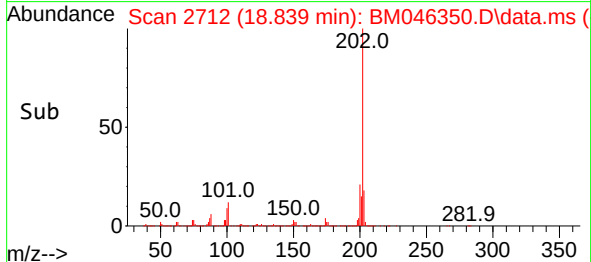
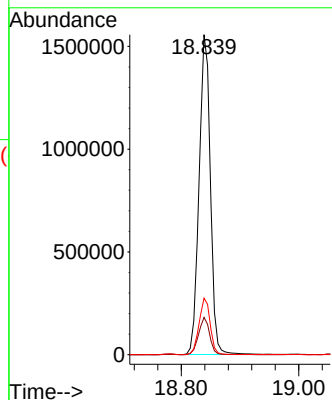
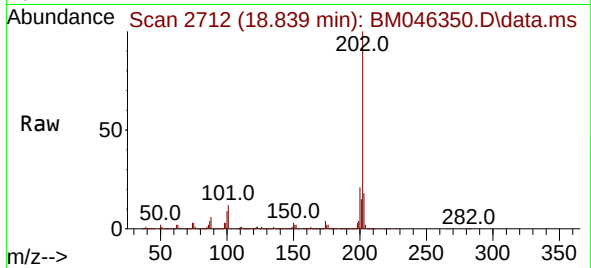




#75
Fluoranthene
Concen: 47.159 ng
RT: 18.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

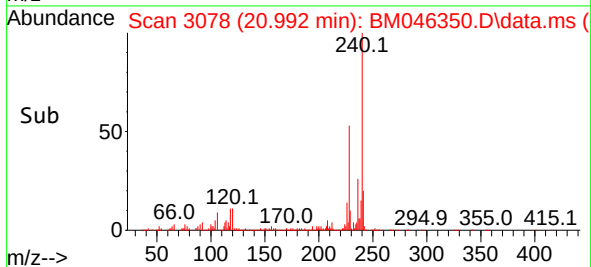
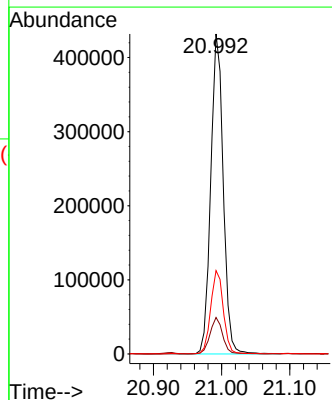
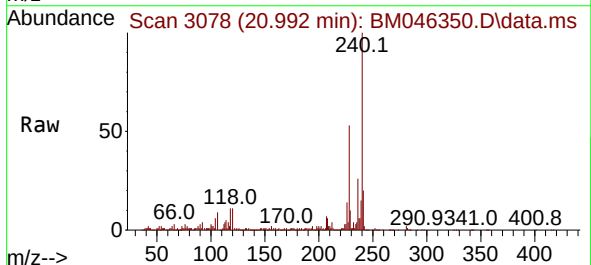
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

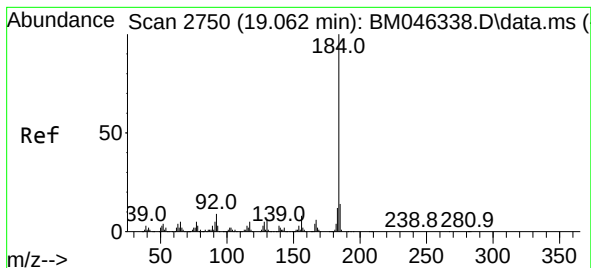
Tgt Ion:202 Resp: 2073321
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.992 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:240 Resp: 550418
Ion Ratio Lower Upper
240 100
120 11.4 9.3 13.9
236 26.0 20.5 30.7





#77

Benzidine

Concen: 121.332 ng

RT: 19.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

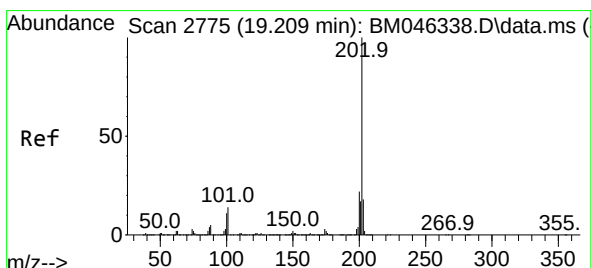
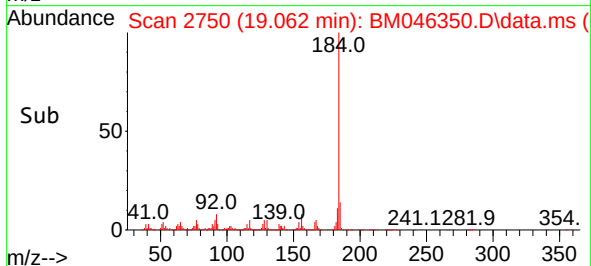
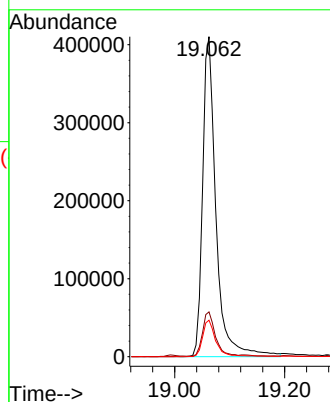
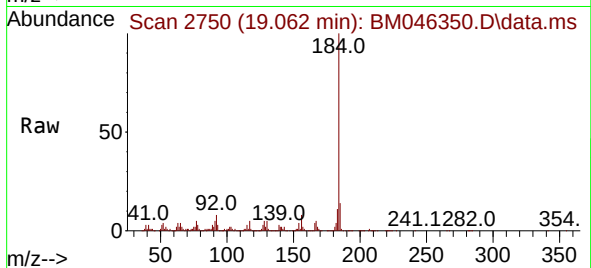
Tgt Ion:184 Resp: 692925

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 11.4 9.4 14.2



#78

Pyrene

Concen: 55.662 ng

RT: 19.204 min Scan# 2774

Delta R.T. -0.005 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

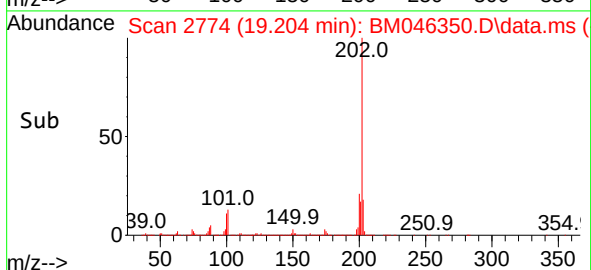
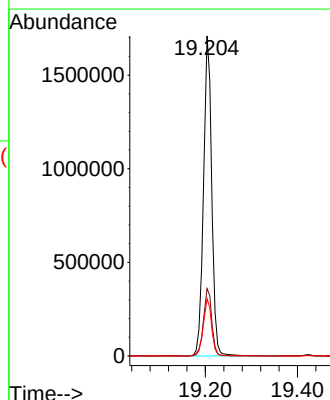
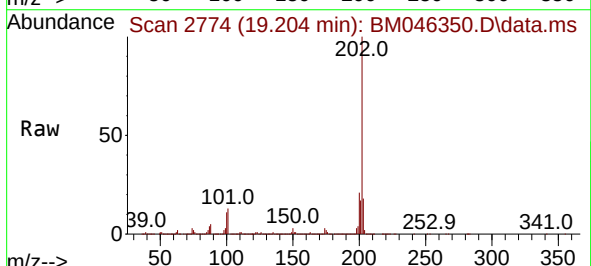
Tgt Ion:202 Resp: 2128099

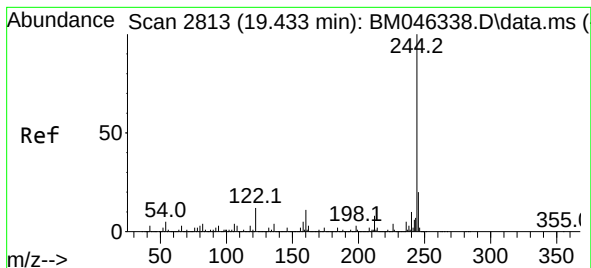
Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 50.531 ng

RT: 19.421 min Scan# 2811

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

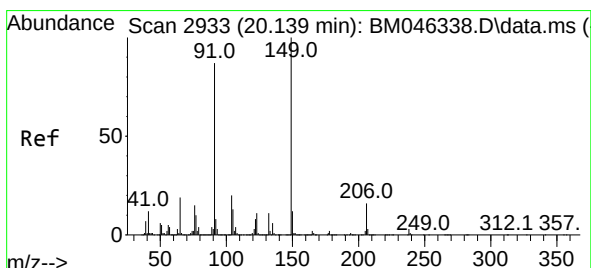
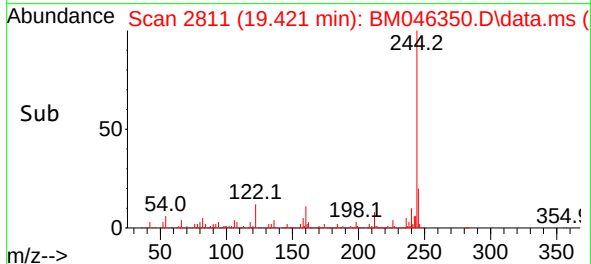
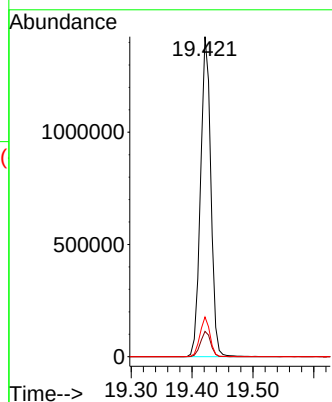
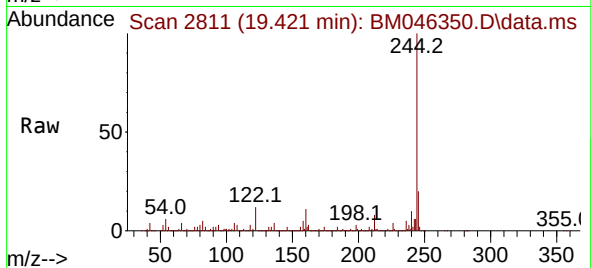
Tgt Ion:244 Resp: 1681051

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 12.4 9.4 14.0



#80

Butylbenzylphthalate

Concen: 59.741 ng

RT: 20.133 min Scan# 2932

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

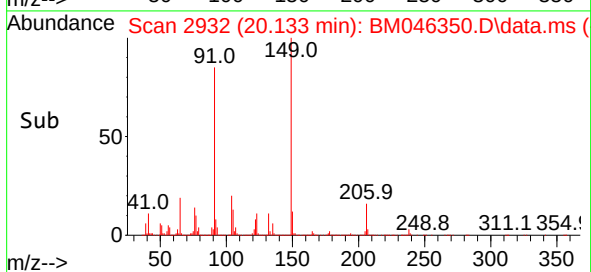
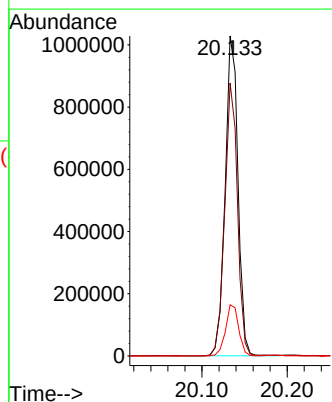
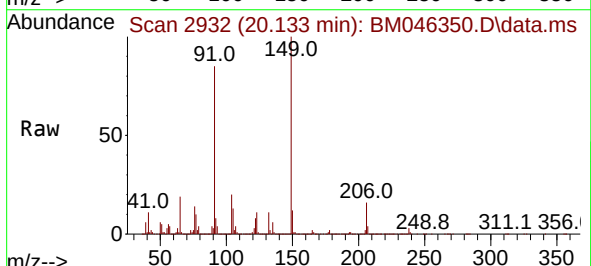
Tgt Ion:149 Resp: 1074676

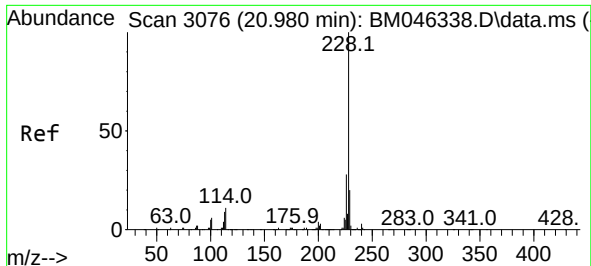
Ion Ratio Lower Upper

149 100

91 85.3 69.5 104.3

206 16.0 13.0 19.6

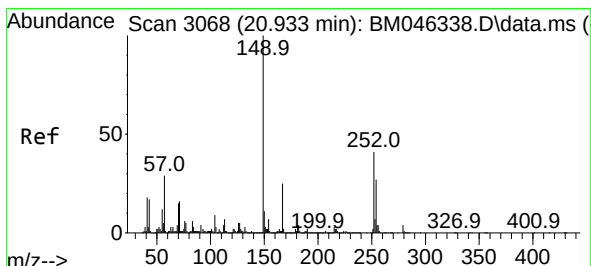
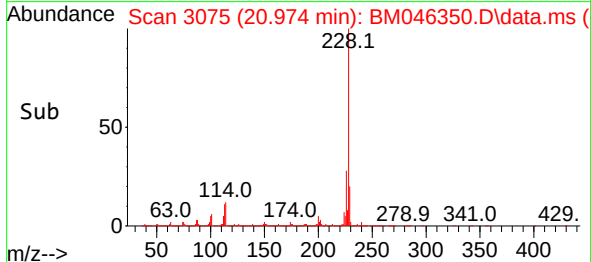
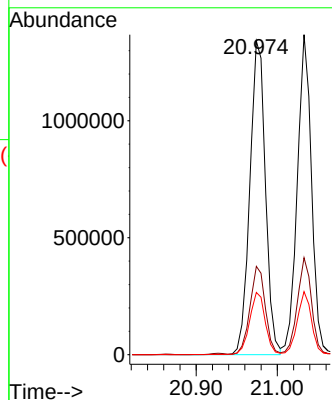
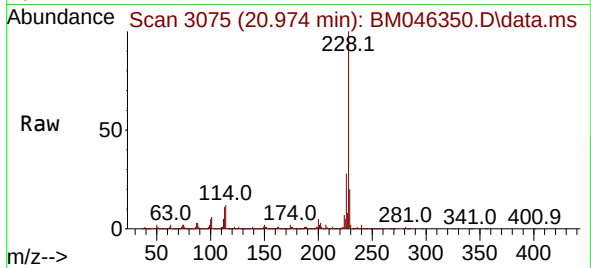




#81
Benzo(a)anthracene
Concen: 49.729 ng
RT: 20.974 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

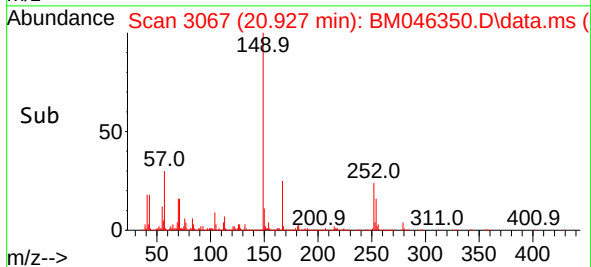
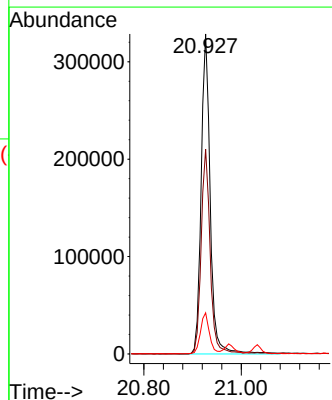
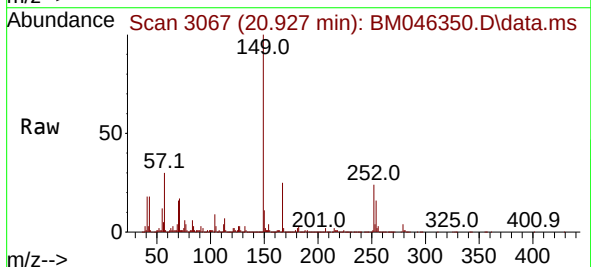
Instrument :
BNA_M
ClientSampleId :
7-S-1MS

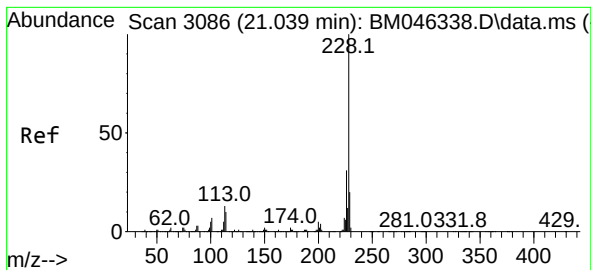
Tgt Ion:228 Resp: 1795554
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 36.852 ng
RT: 20.927 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM046350.D
Acq: 28 Jun 2024 13:25

Tgt Ion:252 Resp: 426807
Ion Ratio Lower Upper
252 100
254 64.0 52.6 79.0
126 12.8 10.2 15.4





#83

Chrysene

Concen: 48.267 ng

RT: 21.033 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

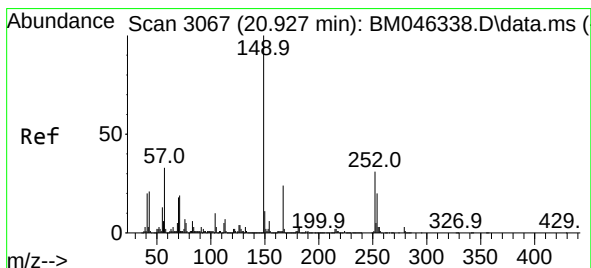
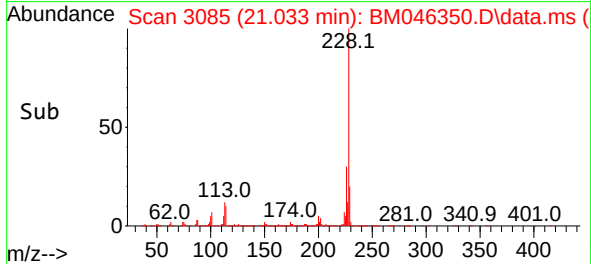
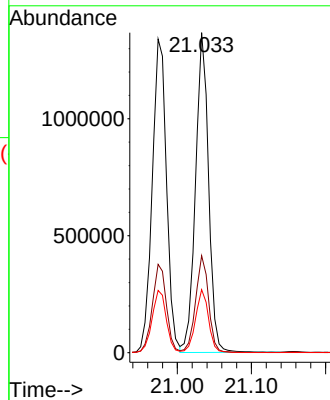
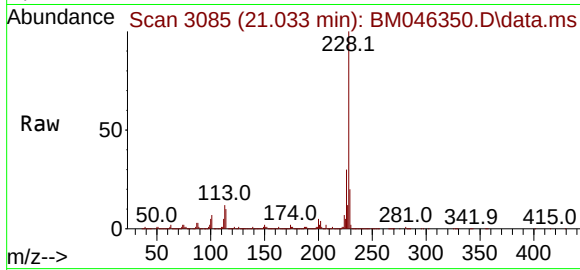
Tgt Ion:228 Resp: 1666730

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.988 ng

RT: 20.921 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

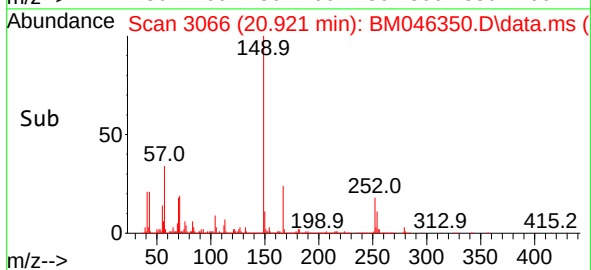
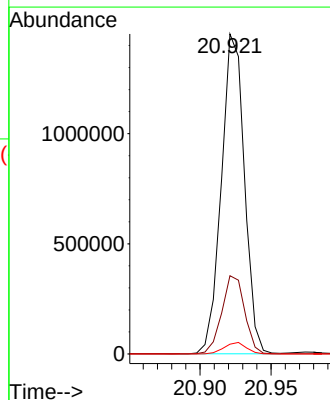
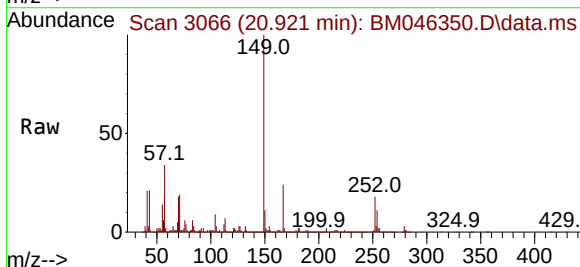
Tgt Ion:149 Resp: 1636530

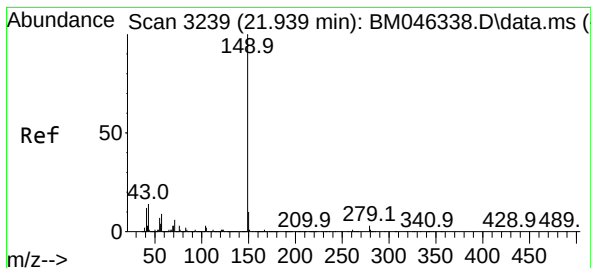
Ion Ratio Lower Upper

149 100

167 24.5 19.6 29.4

279 3.1 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 53.070 ng

RT: 21.933 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

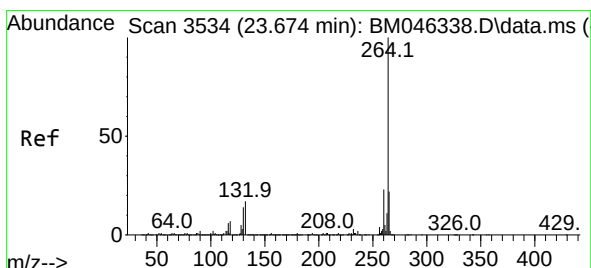
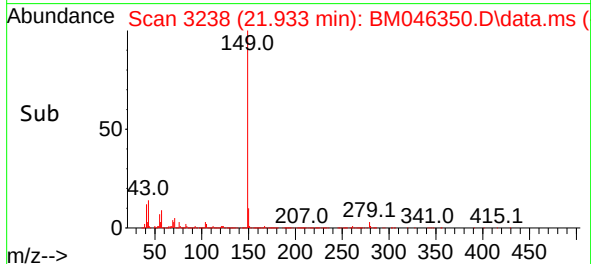
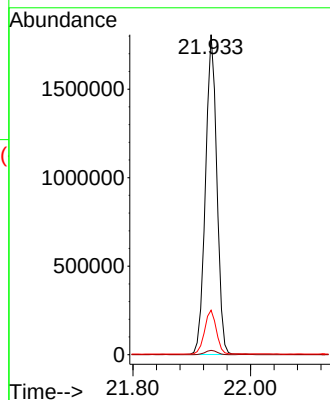
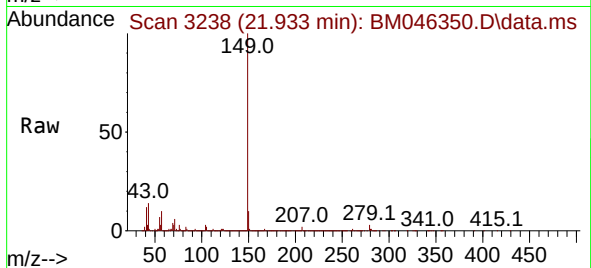
Tgt Ion:149 Resp: 2413455

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 14.2 11.6 17.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.662 min Scan# 3532

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

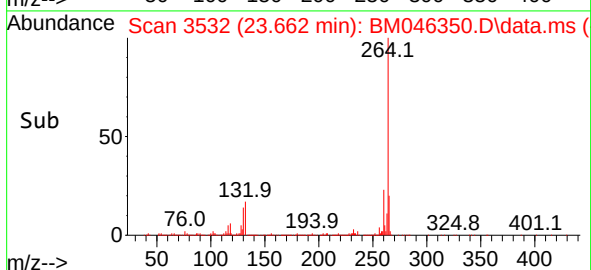
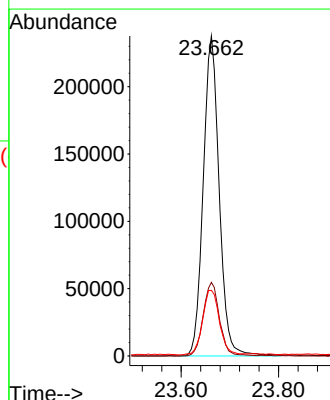
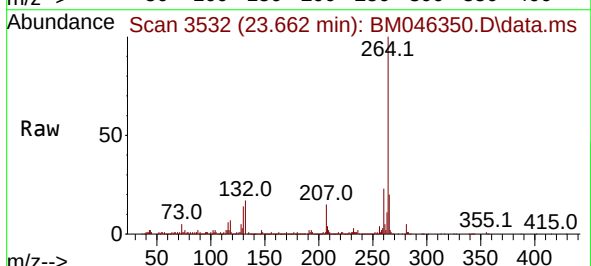
Tgt Ion:264 Resp: 539540

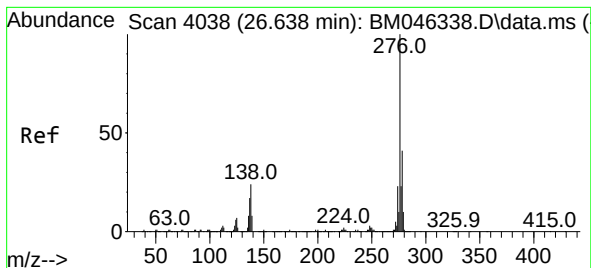
Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 20.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.882 ng

RT: 26.621 min Scan# 4035

Delta R.T. -0.018 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

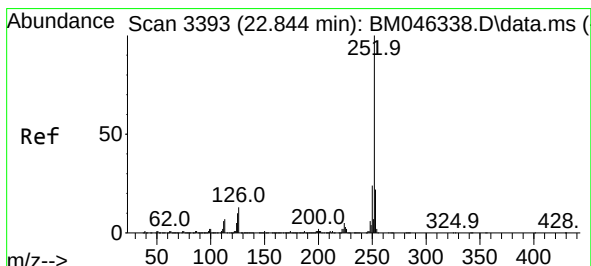
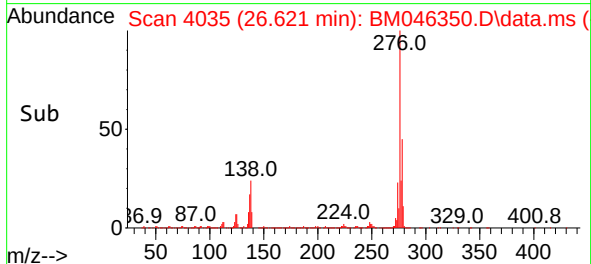
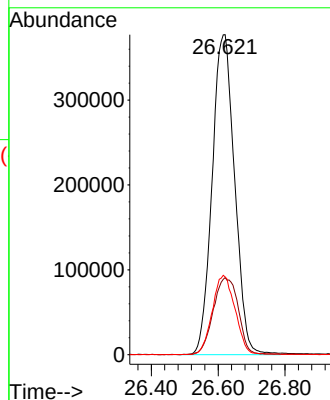
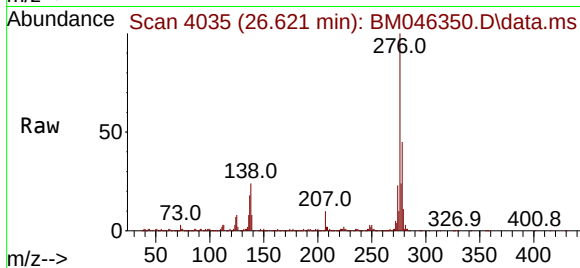
Tgt Ion:276 Resp: 1760736

Ion Ratio Lower Upper

276 100

138 26.5 21.4 32.2

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 48.609 ng

RT: 22.833 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

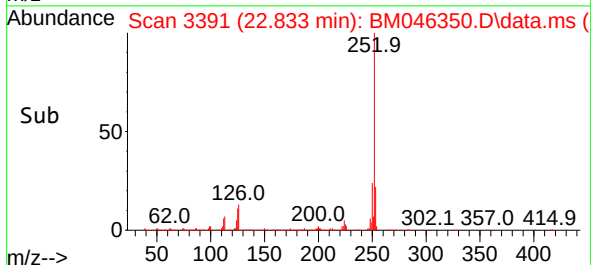
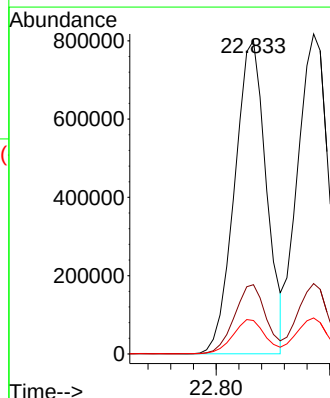
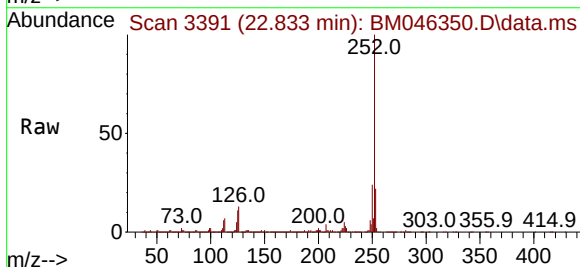
Tgt Ion:252 Resp: 1553400

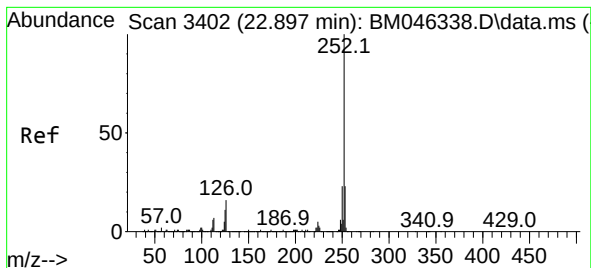
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.7 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 48.563 ng

RT: 22.886 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

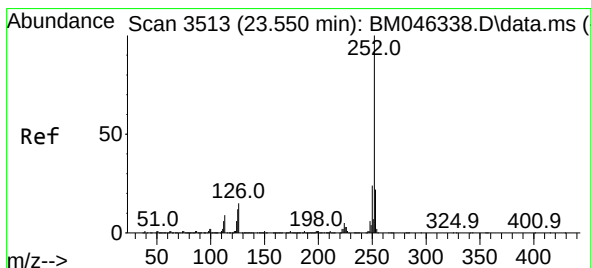
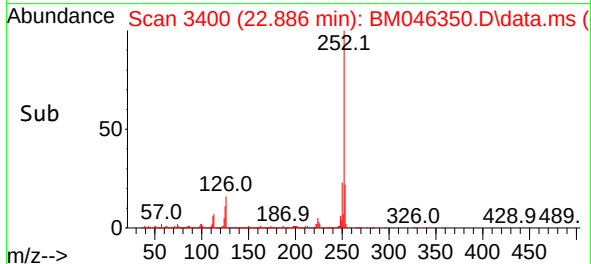
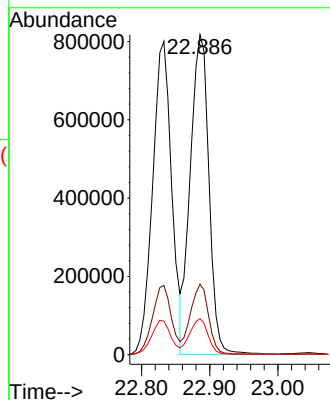
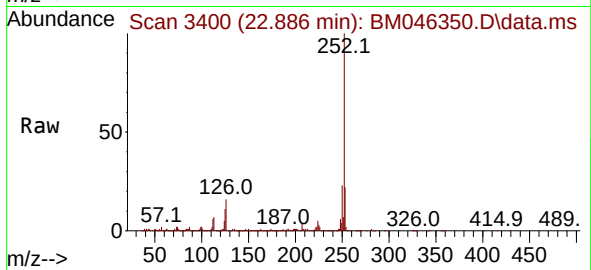
Tgt Ion:252 Resp: 1543793

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.3 8.9 13.3



#90

Benzo(a)pyrene

Concen: 50.800 ng

RT: 23.539 min Scan# 3511

Delta R.T. -0.012 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

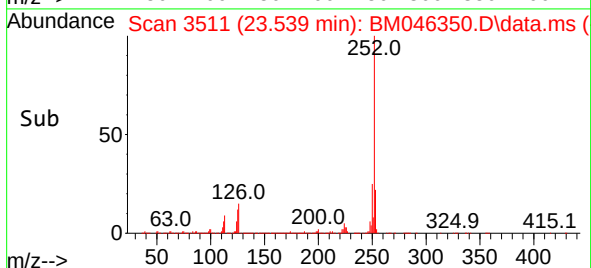
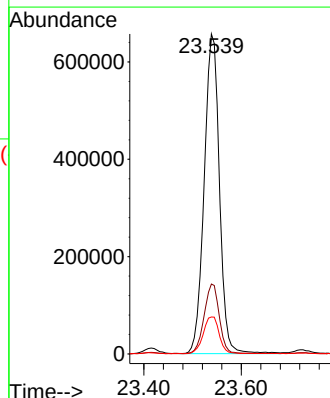
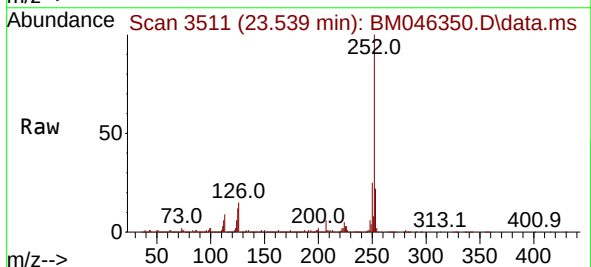
Tgt Ion:252 Resp: 1425907

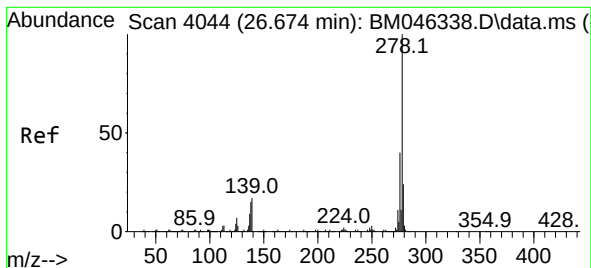
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 11.6 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 49.148 ng

RT: 26.650 min Scan# 4040

Delta R.T. -0.024 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Instrument :

BNA_M

ClientSampleId :

7-S-1MS

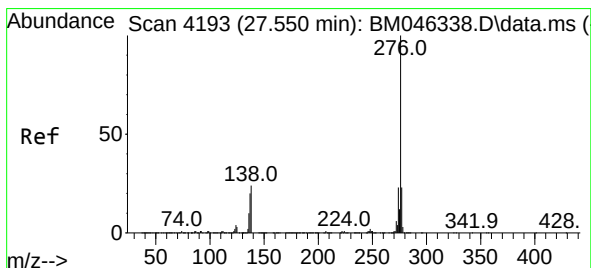
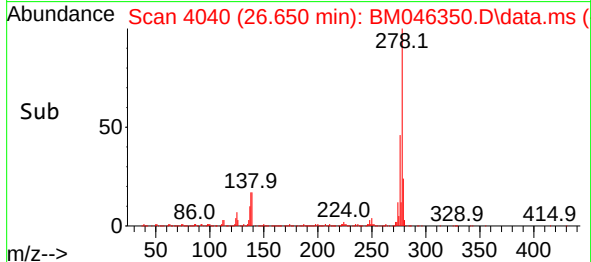
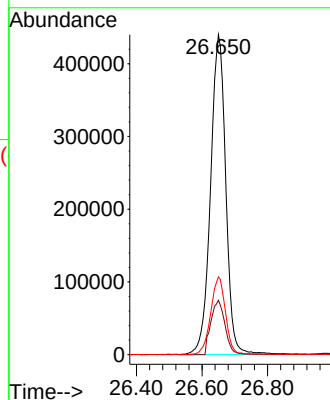
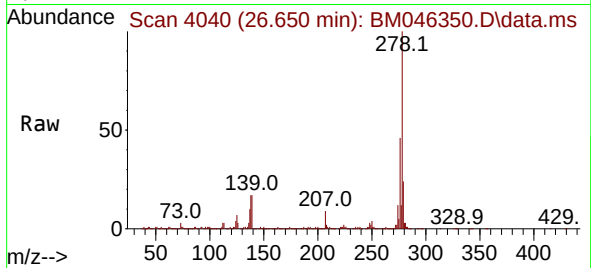
Tgt Ion:278 Resp: 1420091

Ion Ratio Lower Upper

278 100

139 17.0 13.7 20.5

279 24.3 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 47.935 ng

RT: 27.532 min Scan# 4190

Delta R.T. -0.018 min

Lab File: BM046350.D

Acq: 28 Jun 2024 13:25

Tgt Ion:276 Resp: 1371869

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 22.7 19.0 28.4

