

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047434.D
 Acq On : 04 Sep 2024 11:50
 Operator : RC/JU
 Sample : PB163106BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163106BS

Quant Time: Sep 04 12:51:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	356618	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	1352190	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	899493	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1863503	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1391196	20.000	ng	0.00
86) Perylene-d12	23.727	264	1244257	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2313522	124.464	ng	0.00
7) Phenol-d6	6.575	99	2976696	117.556	ng	0.00
23) Nitrobenzene-d5	8.498	82	1932272	79.289	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1341644	123.628	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4672550	79.816	ng	0.00
79) Terphenyl-d14	19.445	244	7023063	89.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	208847	27.450	ng	97
3) Pyridine	3.387	79	542050	25.670	ng	98
4) n-Nitrosodimethylamine	3.311	42	342219	39.793	ng	100
6) Aniline	6.699	93	549376	23.955	ng	99
8) 2-Chlorophenol	6.928	128	969133	46.582	ng	97
9) Benzaldehyde	6.516	77	126682	6.703	ng	96
10) Phenol	6.604	94	1109188	44.523	ng	99
11) bis(2-Chloroethyl)ether	6.798	93	895767	41.491	ng	99
12) 1,3-Dichlorobenzene	7.228	146	1044481	41.055	ng	99
13) 1,4-Dichlorobenzene	7.375	146	1064560	41.318	ng	100
14) 1,2-Dichlorobenzene	7.687	146	1032554	42.288	ng	100
15) Benzyl Alcohol	7.604	79	840299	47.867	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.863	45	1042889	40.287	ng	98
17) 2-Methylphenol	7.816	107	767046	44.316	ng	99
18) Hexachloroethane	8.387	117	399944	41.524	ng	96
19) n-Nitroso-di-n-propyla...	8.157	70	666676	38.301	ng	98
20) 3+4-Methylphenols	8.145	107	1027923	42.713	ng	97
22) Acetophenone	8.169	105	1220133	38.881	ng	# 99
24) Nitrobenzene	8.540	77	1010587	40.320	ng	97
25) Isophorone	9.063	82	1904799	41.355	ng	98
26) 2-Nitrophenol	9.240	139	580514	47.087	ng	96
27) 2,4-Dimethylphenol	9.322	122	688528	49.477	ng	99
28) bis(2-Chloroethoxy)met...	9.545	93	1190270	42.200	ng	99
29) 2,4-Dichlorophenol	9.781	162	1037933	48.081	ng	99
30) 1,2,4-Trichlorobenzene	9.969	180	1080733	43.344	ng	99
31) Naphthalene	10.145	128	2765167	41.869	ng	100
32) Benzoic acid	9.569	122	645160	38.825	ng	98
33) 4-Chloroaniline	10.287	127	712800	29.027	ng	98
34) Hexachlorobutadiene	10.422	225	687312	44.138	ng	99
35) Caprolactam	11.122	113	172646	24.688	ng	100
36) 4-Chloro-3-methylphenol	11.451	107	973707	44.417	ng	99
37) 2-Methylnaphthalene	11.775	142	2031001	42.177	ng	98
38) 1-Methylnaphthalene	12.004	142	1893469	39.757	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	1136852	42.682	ng	99
41) Hexachlorocyclopentadiene	12.122	237	728033	86.605	ng	100
43) 2,4,6-Trichlorophenol	12.428	196	861606	47.188	ng	98

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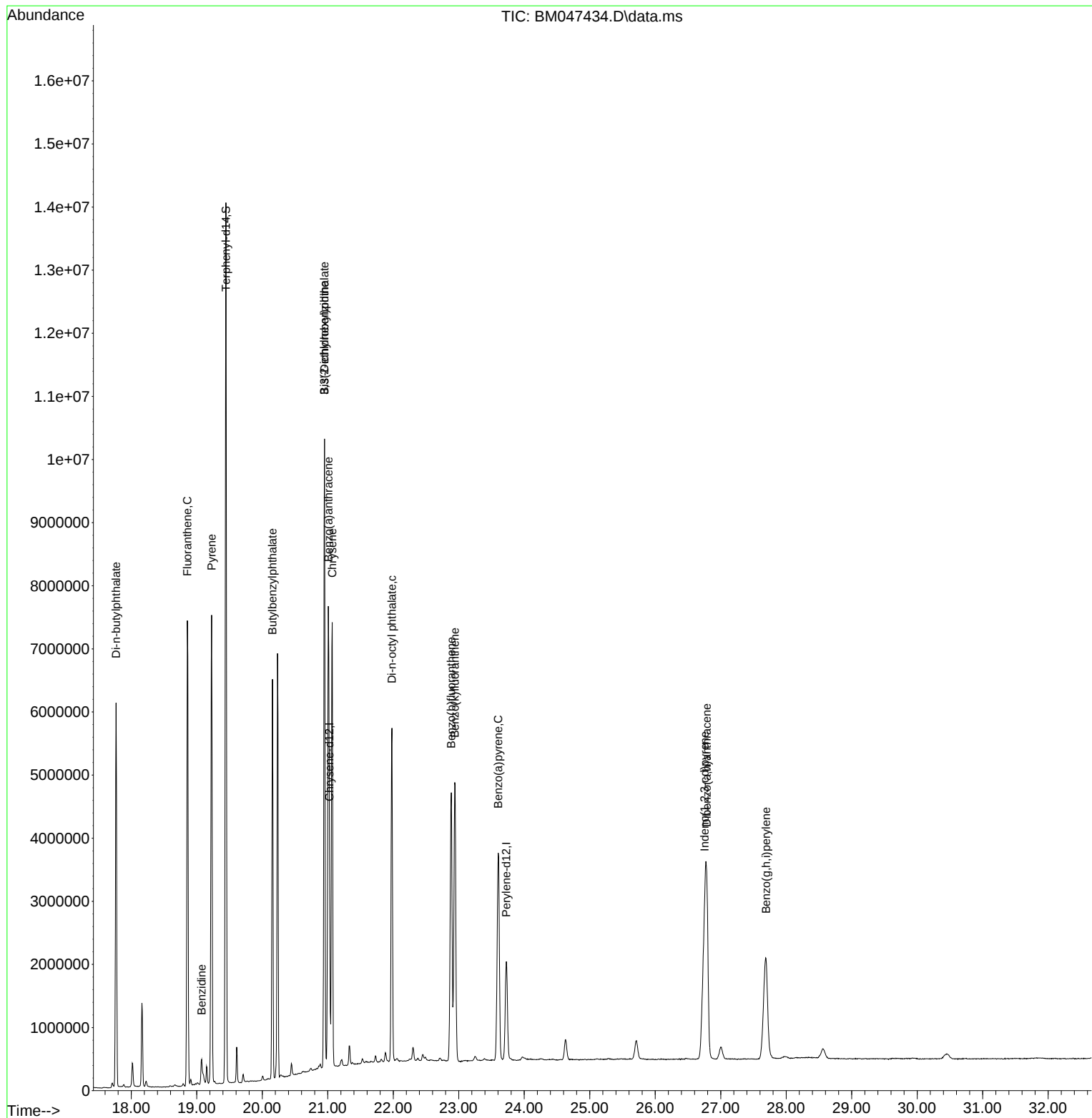
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.528	196	871923	42.998	ng	99
46) 1,1'-Biphenyl	12.828	154	2460937	39.182	ng	100
47) 2-Chloronaphthalene	12.869	162	2049375	41.637	ng	99
48) 2-Nitroaniline	13.104	65	600259	43.538	ng	95
49) Acenaphthylene	13.727	152	3246170	45.379	ng	99
50) Dimethylphthalate	13.486	163	2734287	44.117	ng	100
51) 2,6-Dinitrotoluene	13.616	165	627803	43.505	ng	97
52) Acenaphthene	14.075	154	1908678	42.031	ng	99
53) 3-Nitroaniline	13.957	138	508032	38.152	ng	96
54) 2,4-Dinitrophenol	14.186	184	774005	87.096	ng	95
55) Dibenzofuran	14.416	168	3184924	43.543	ng	99
56) 4-Nitrophenol	14.327	139	851948	81.850	ng	98
57) 2,4-Dinitrotoluene	14.427	165	821933	44.000	ng	# 88
58) Fluorene	15.074	166	2509235	42.387	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	771489	46.320	ng	97
60) Diethylphthalate	14.874	149	2637912	43.148	ng	99
61) 4-Chlorophenyl-phenyle...	15.074	204	1328668	44.121	ng	96
62) 4-Nitroaniline	15.139	138	542745	44.061	ng	98
63) Azobenzene	15.369	77	2228335	41.856	ng	99
65) 4,6-Dinitro-2-methylph...	15.210	198	528819	46.235	ng	96
66) n-Nitrosodiphenylamine	15.304	169	2226201	43.659	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	873990	44.457	ng	96
68) Hexachlorobenzene	16.086	284	979056	43.119	ng	96
69) Atrazine	16.274	200	634707	38.082	ng	100
70) Pentachlorophenol	16.445	266	1192828	81.255	ng	98
71) Phenanthrene	16.821	178	3986491	44.050	ng	99
72) Anthracene	16.910	178	3946856	44.738	ng	100
73) Carbazole	17.198	167	3730791	44.069	ng	100
74) Di-n-butylphthalate	17.768	149	4568250	44.314	ng	100
75) Fluoranthene	18.857	202	4685325	44.092	ng	100
77) Benzidine	19.074	184	367704	15.834	ng	99
78) Pyrene	19.227	202	4769059	44.696	ng	99
80) Butylbenzylphthalate	20.156	149	1957096	46.872	ng	98
81) Benzo(a)anthracene	21.009	228	4097434	45.163	ng	99
82) 3,3'-Dichlorobenzidine	20.951	252	1240781	40.657	ng	# 98
83) Chrysene	21.068	228	3816286	44.718	ng	99
84) Bis(2-ethylhexyl)phtha...	20.951	149	2583406	43.776	ng	# 99
85) Di-n-octyl phthalate	21.980	149	4440989	44.710	ng	98
87) Indeno(1,2,3-cd)pyrene	26.756	276	3893979	49.993	ng	99
88) Benzo(b)fluoranthene	22.886	252	3686725	50.787	ng	99
89) Benzo(k)fluoranthene	22.939	252	3701960	53.795	ng	99
90) Benzo(a)pyrene	23.603	252	3334980	53.124	ng	99
91) Dibenzo(a,h)anthracene	26.785	278	3167036	50.190	ng	99
92) Benzo(g,h,i)perylene	27.691	276	3107259	47.367	ng	97

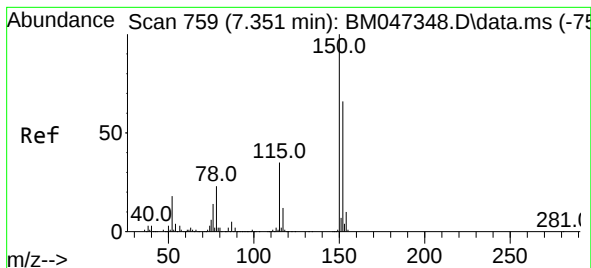
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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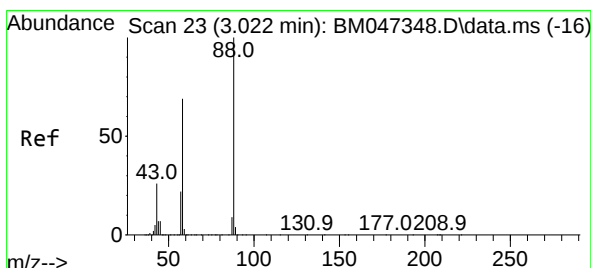
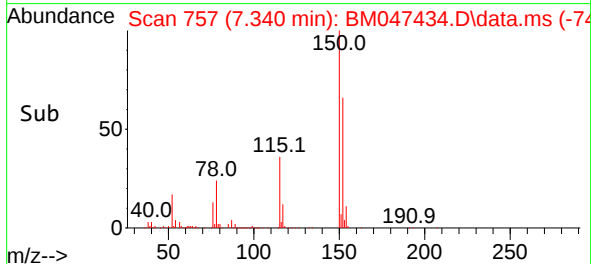
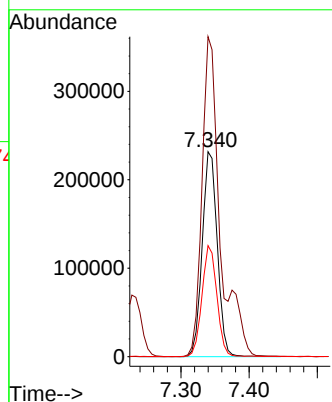
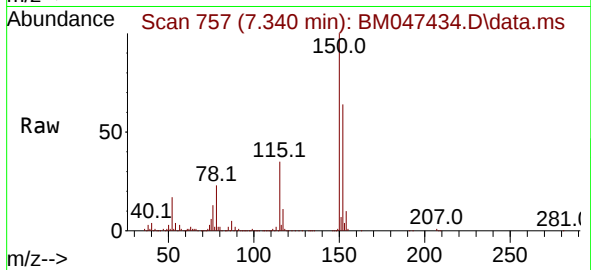




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BM047434.D
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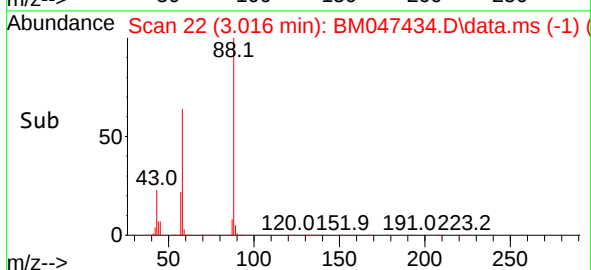
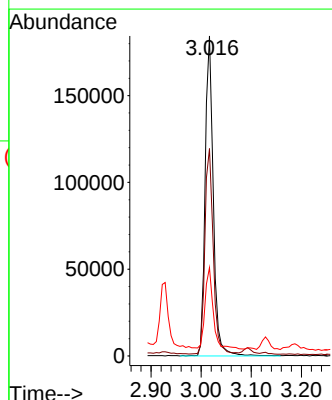
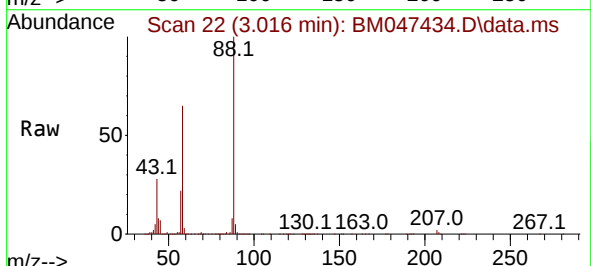
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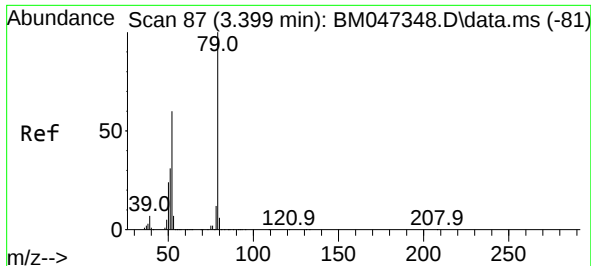
Tgt Ion:152 Resp: 356618
 Ion Ratio Lower Upper
 152 100
 150 156.2 121.3 181.9
 115 54.2 42.6 64.0



#2
 1,4-Dioxane
 Concen: 27.450 ng
 RT: 3.016 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BM047434.D
 Acq: 04 Sep 2024 11:50

Tgt Ion: 88 Resp: 208847
 Ion Ratio Lower Upper
 88 100
 58 65.7 55.4 83.0
 43 25.5 20.7 31.1

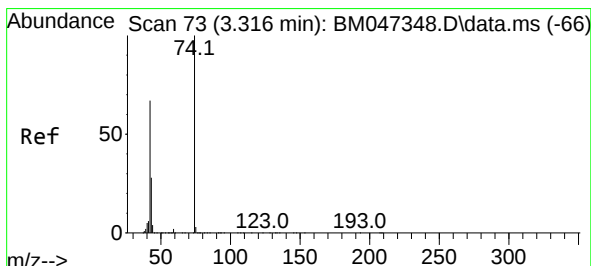
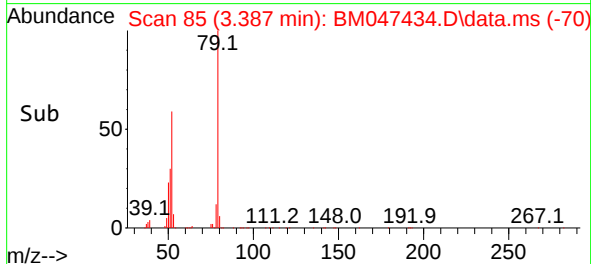
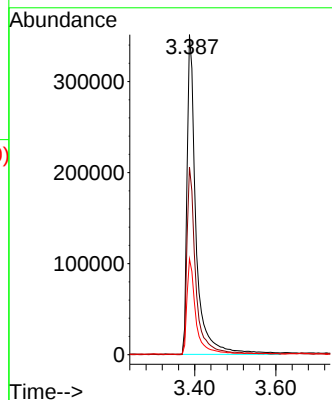
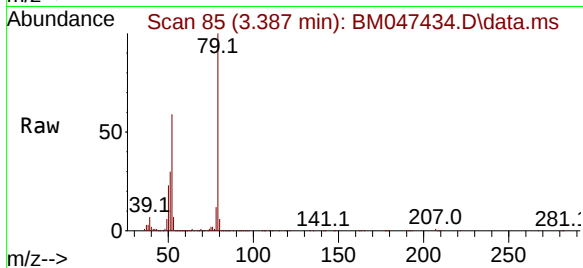




#3
 Pyridine
 Concen: 25.670 ng
 RT: 3.387 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047434.D
 Acq: 04 Sep 2024 11:50

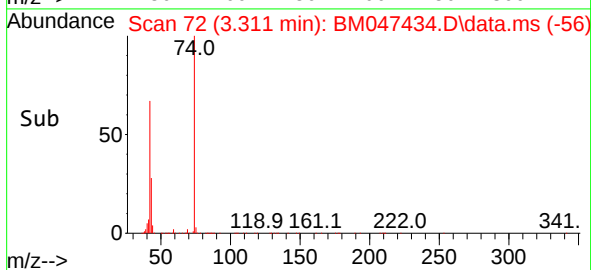
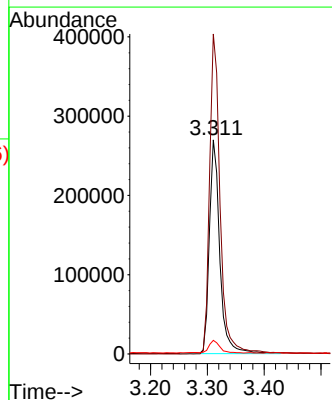
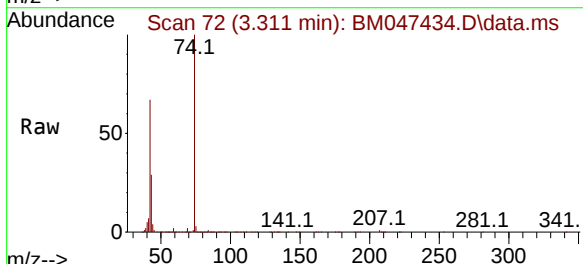
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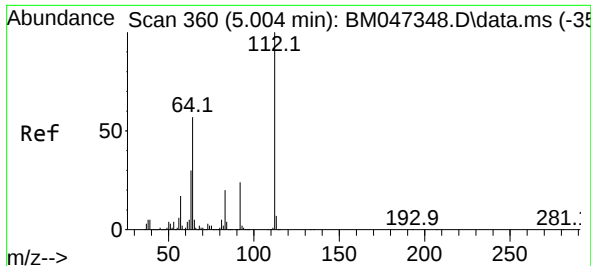
Tgt Ion: 79 Resp: 542050
 Ion Ratio Lower Upper
 79 100
 52 58.6 47.8 71.6
 51 29.9 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 39.793 ng
 RT: 3.311 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM047434.D
 Acq: 04 Sep 2024 11:50

Tgt Ion: 42 Resp: 342219
 Ion Ratio Lower Upper
 42 100
 74 149.4 119.2 178.8
 44 6.3 5.2 7.8

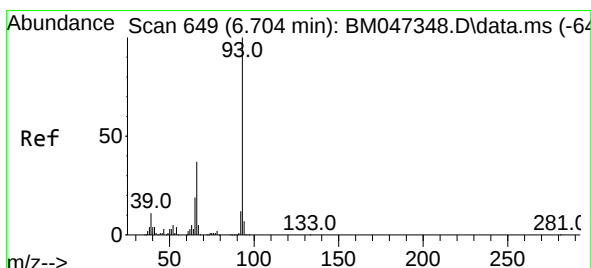
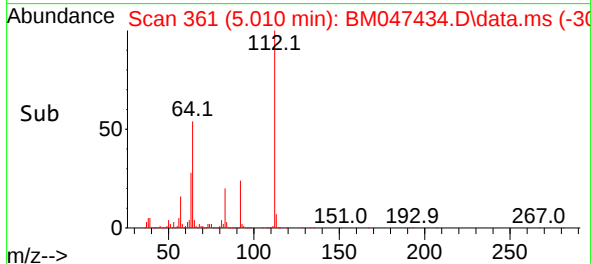
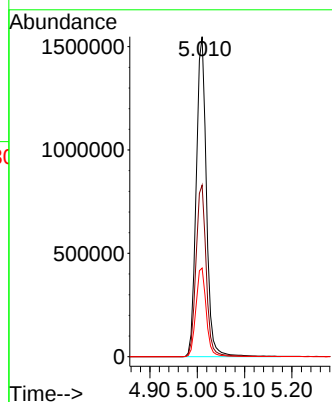
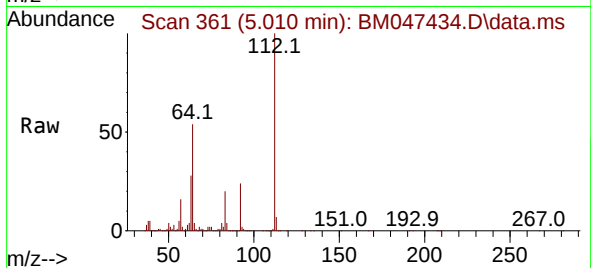




#5
2-Fluorophenol
Concen: 124.464 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

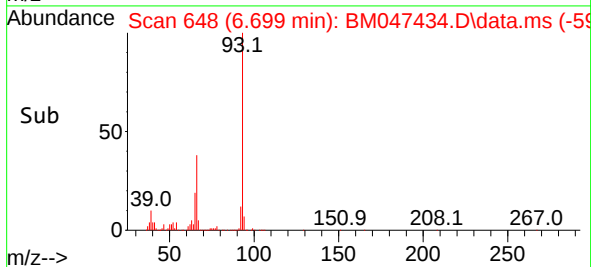
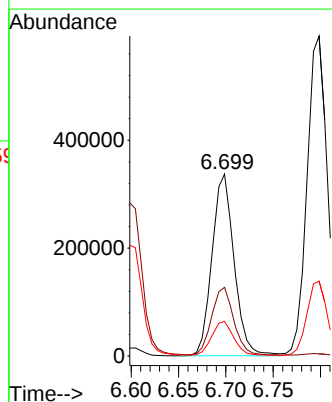
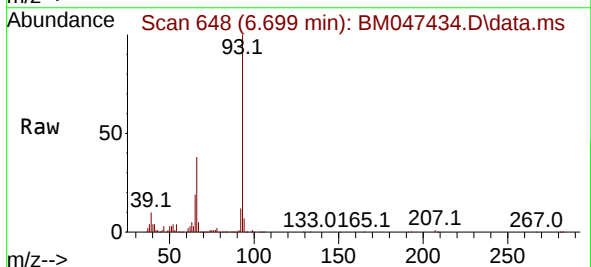
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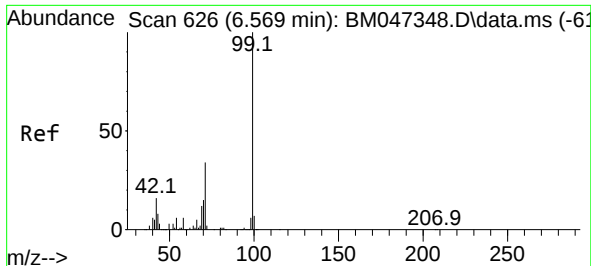
Tgt Ion:112 Resp: 2313522
Ion Ratio Lower Upper
112 100
64 53.6 45.7 68.5
63 27.7 23.8 35.8



#6
Aniline
Concen: 23.955 ng
RT: 6.699 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion: 93 Resp: 549376
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.1 15.5 23.3





#7

Phenol-d6

Concen: 117.556 ng

RT: 6.575 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

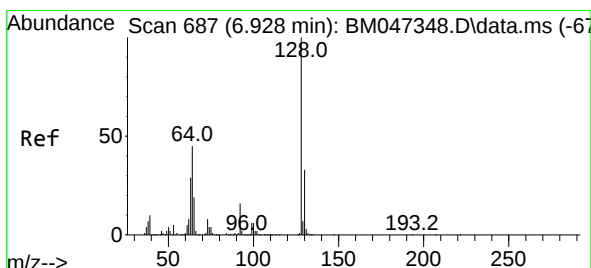
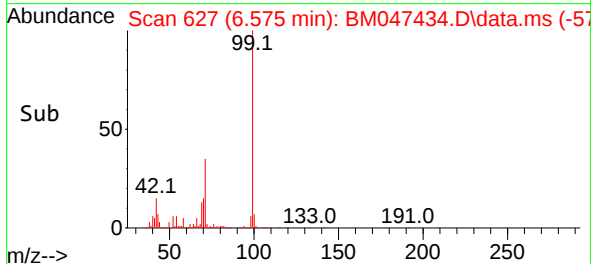
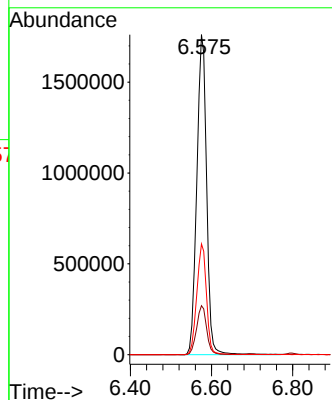
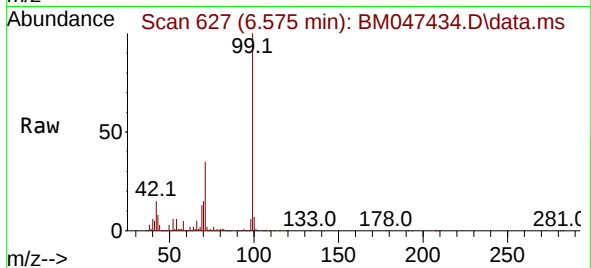
Tgt Ion: 99 Resp: 2976696

Ion Ratio Lower Upper

99 100

42 15.3 13.0 19.4

71 34.6 27.5 41.3



#8

2-Chlorophenol

Concen: 46.582 ng

RT: 6.928 min Scan# 687

Delta R.T. 0.000 min

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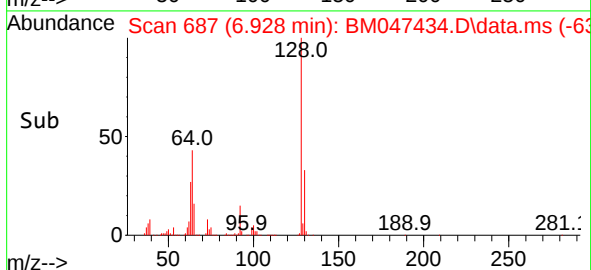
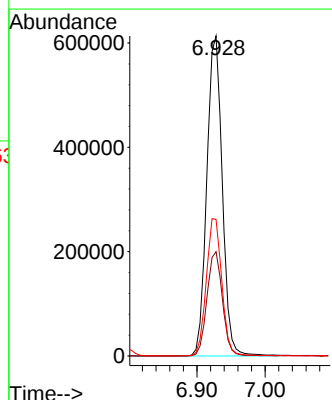
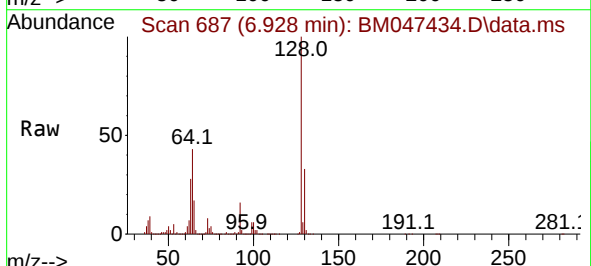
Tgt Ion:128 Resp: 969133

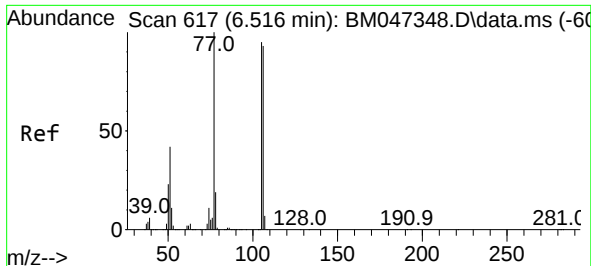
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 42.7 25.3 65.3

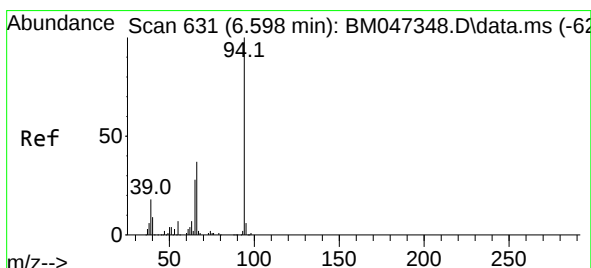
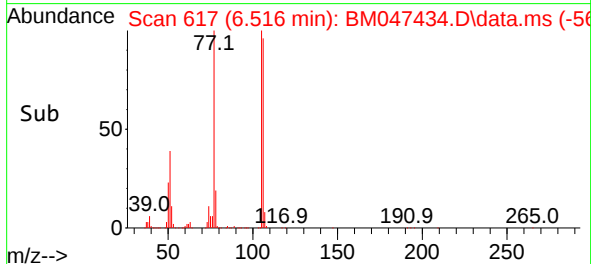
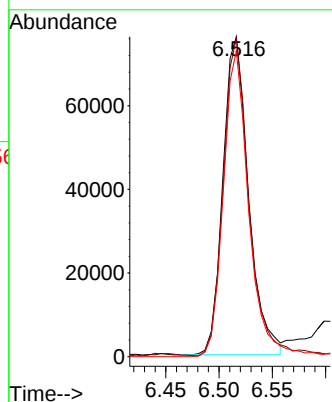
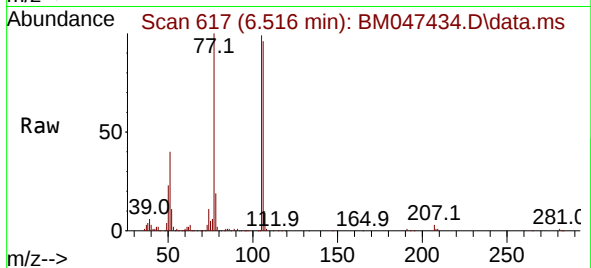




#9
Benzaldehyde
Concen: 6.703 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
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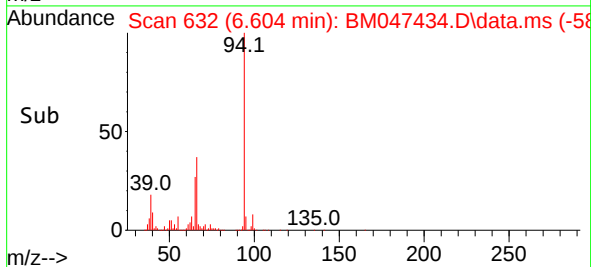
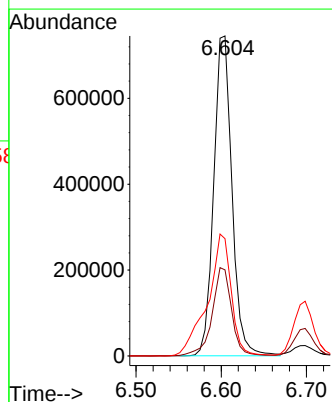
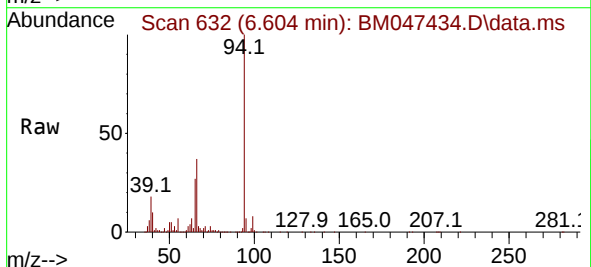
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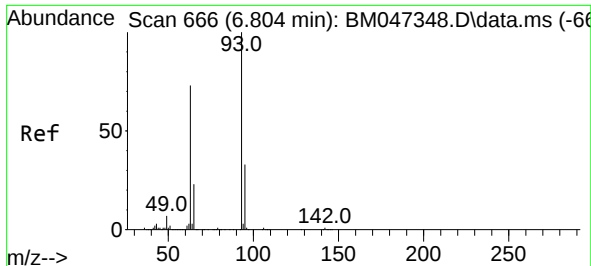
Tgt Ion: 77 Resp: 126682
Ion Ratio Lower Upper
77 100
105 99.4 74.9 114.9
106 95.6 72.6 112.6



#10
Phenol
Concen: 44.523 ng
RT: 6.604 min Scan# 632
Delta R.T. 0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion: 94 Resp: 1109188
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 36.7 17.3 57.3

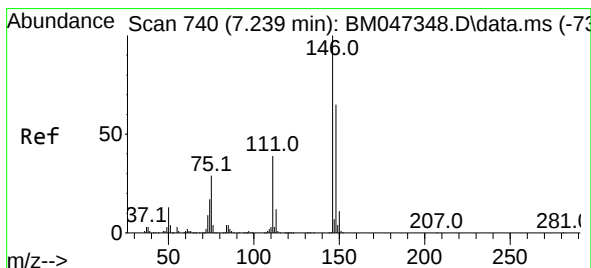
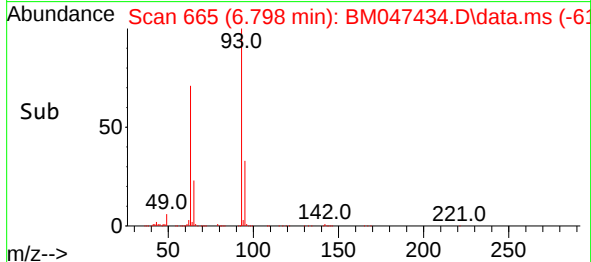
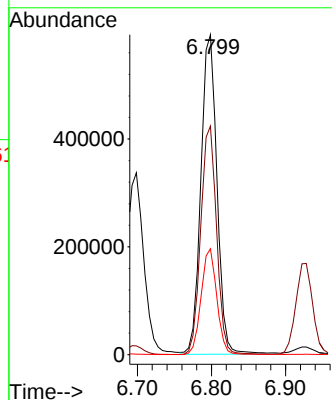
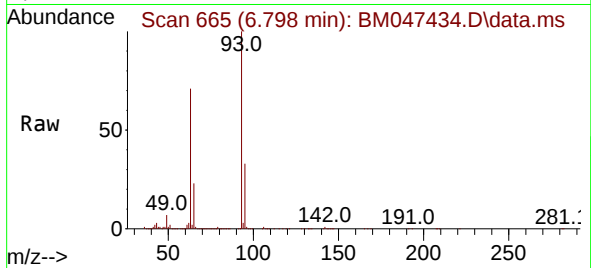




#11
bis(2-Chloroethyl)ether
Concen: 41.491 ng
RT: 6.798 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

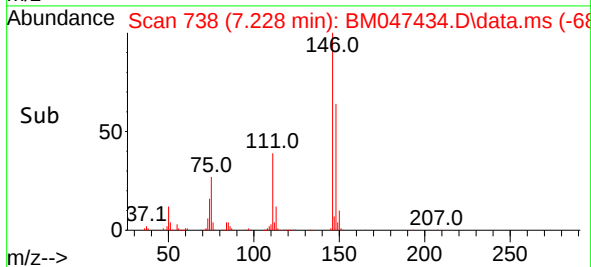
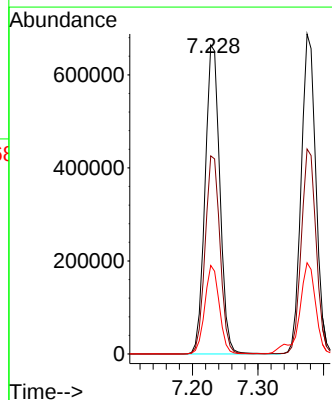
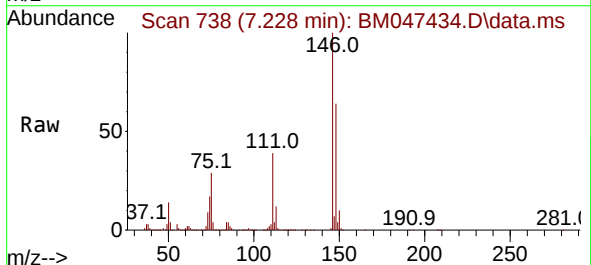
Instrument :
BNA_M
ClientSampleId :
PB163106BS

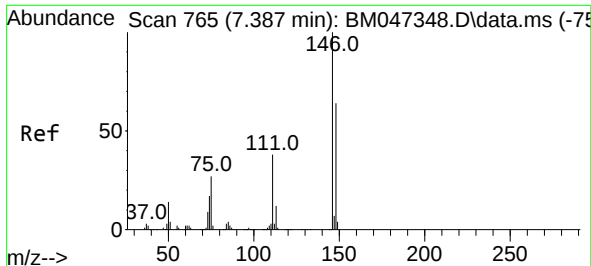
Tgt Ion: 93 Resp: 895767
Ion Ratio Lower Upper
93 100
63 71.5 52.2 92.2
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.055 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion: 146 Resp: 1044481
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 28.6 23.3 34.9

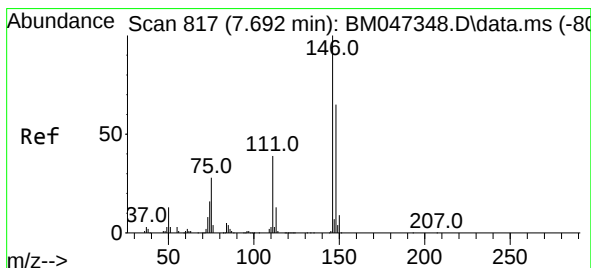
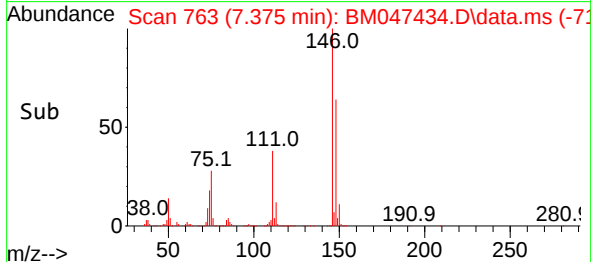
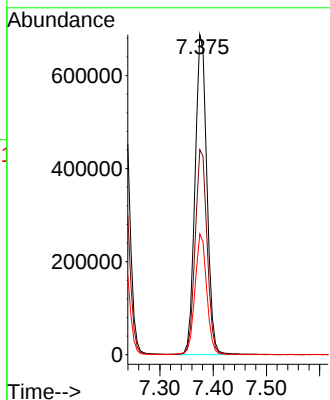
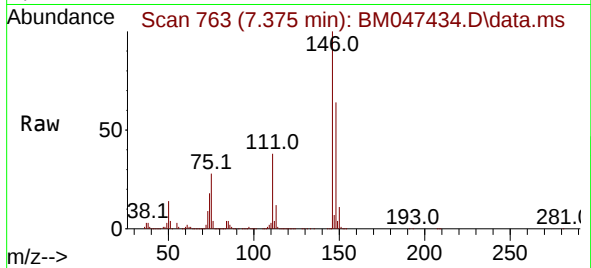




#13
1,4-Dichlorobenzene
Concen: 41.318 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

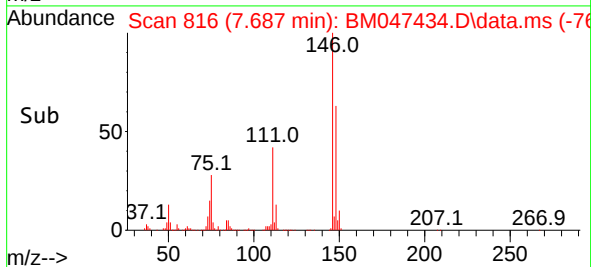
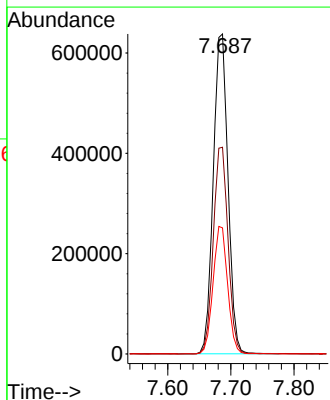
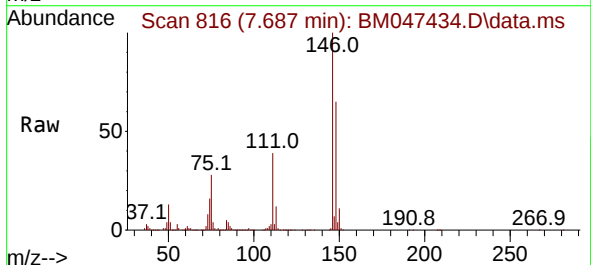
Instrument :
BNA_M
ClientSampleId :
PB163106BS

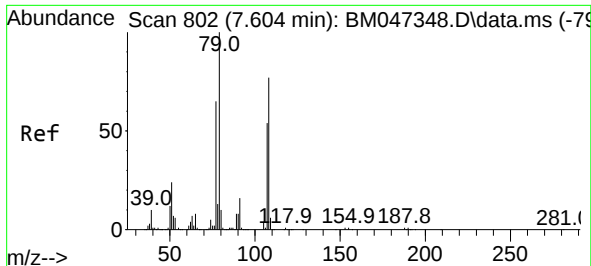
Tgt Ion:146 Resp: 1064560
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 37.7 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 42.288 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:146 Resp: 1032554
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 39.4 31.7 47.5

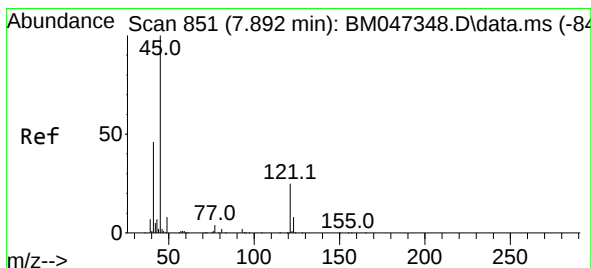
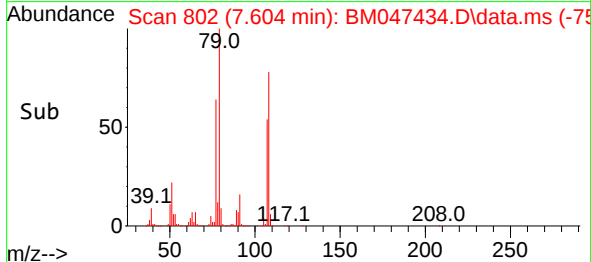
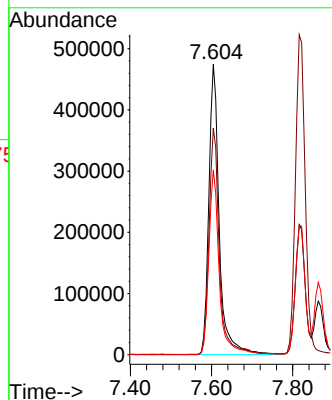
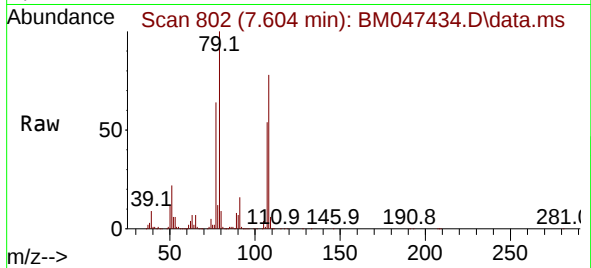




#15
Benzyl Alcohol
Concen: 47.867 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

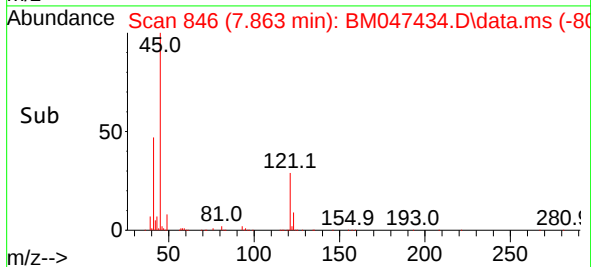
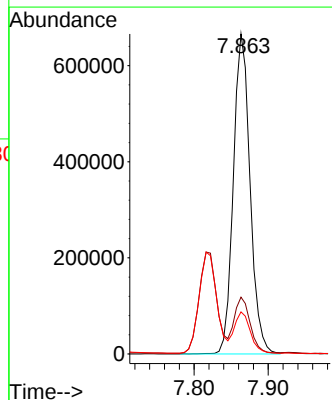
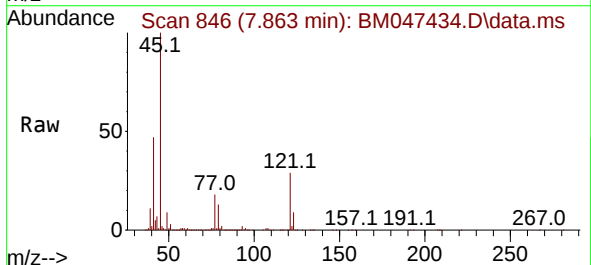
Instrument :
BNA_M
ClientSampleId :
PB163106BS

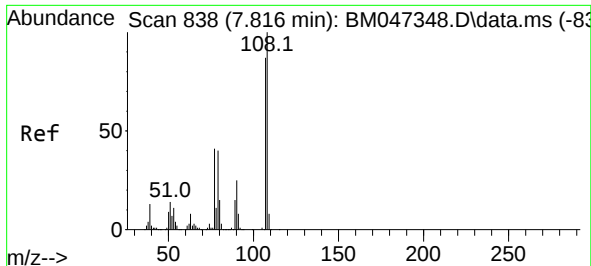
Tgt Ion: 79 Resp: 840299
Ion Ratio Lower Upper
79 100
108 78.1 61.1 91.7
77 63.6 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.287 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion: 45 Resp: 1042889
Ion Ratio Lower Upper
45 100
77 17.7 0.0 36.7
79 13.2 0.0 33.0

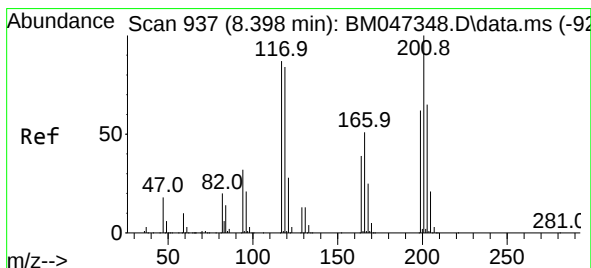
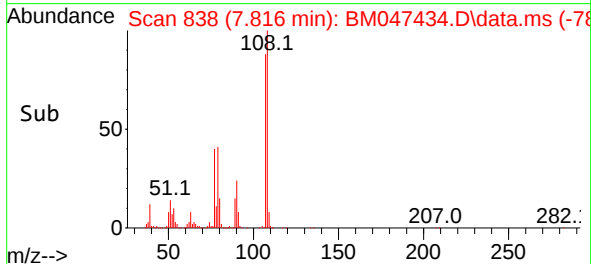
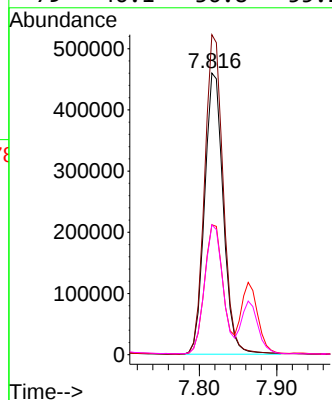
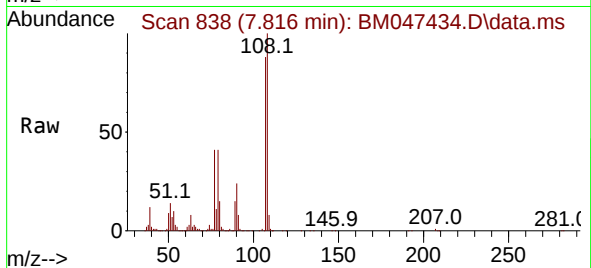




#17
2-Methylphenol
Concen: 44.316 ng
RT: 7.816 min Scan# 838
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

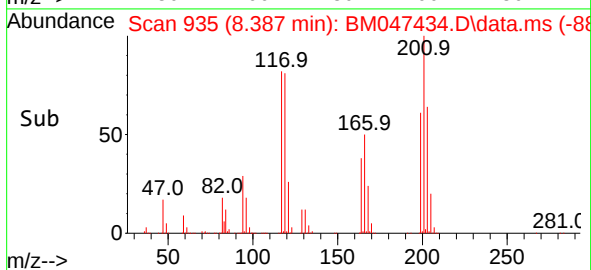
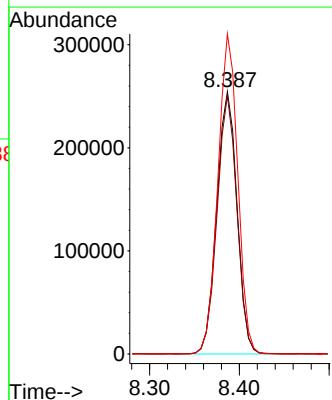
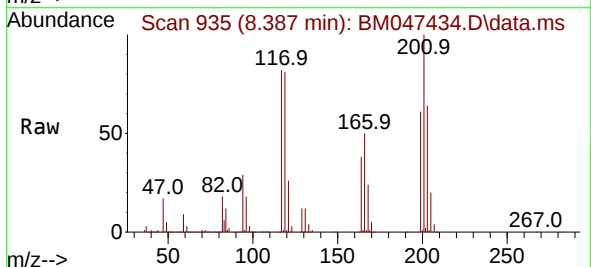
Instrument :
BNA_M
ClientSampleId :
PB163106BS

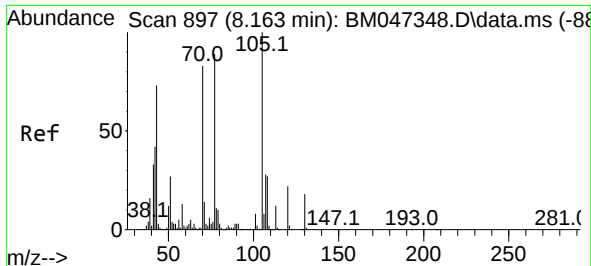
Tgt Ion:	107	Resp:	767046
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.6	137.4
77	46.1	38.0	57.0
79	46.1	36.8	55.2



#18
Hexachloroethane
Concen: 41.524 ng
RT: 8.387 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:	117	Resp:	399944
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.8	116.8
201	122.0	92.3	138.5

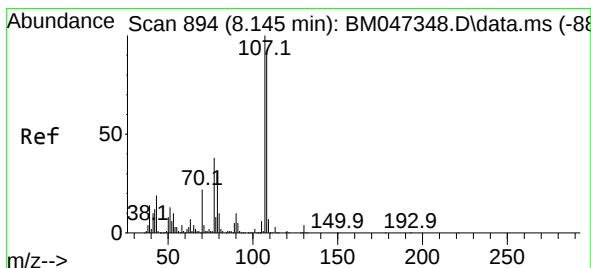
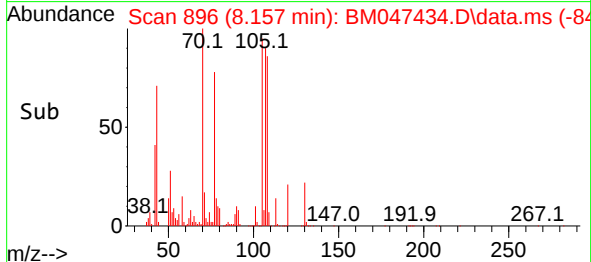
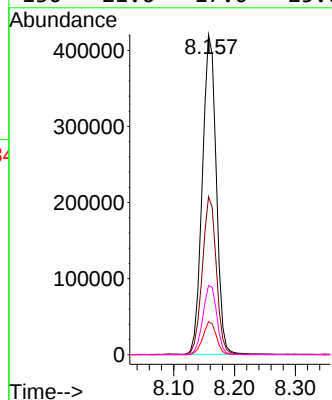
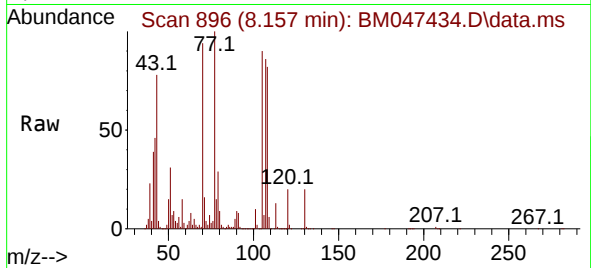




#19
n-Nitroso-di-n-propylamine
Concen: 38.301 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

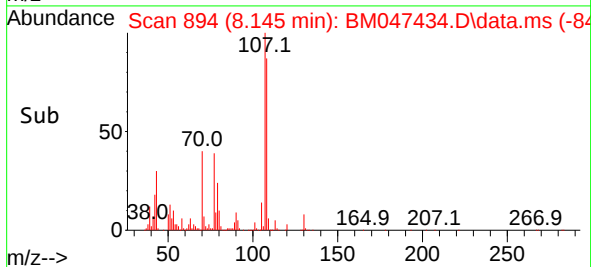
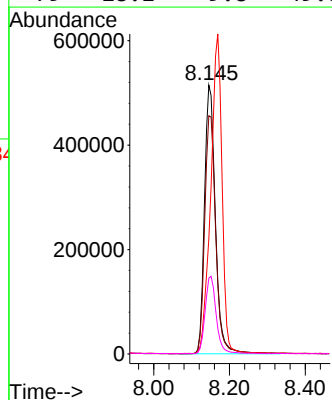
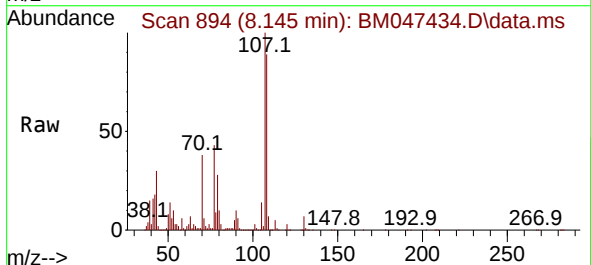
Instrument :
BNA_M
ClientSampleId :
PB163106BS

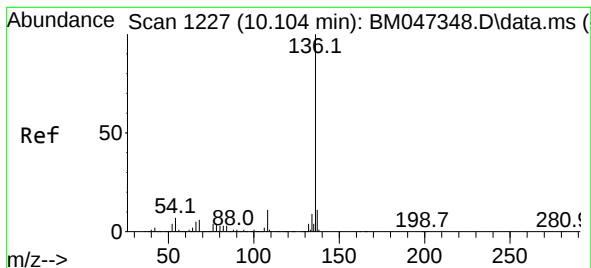
Tgt Ion: 70 Resp: 666676
Ion Ratio Lower Upper
70 100
42 49.3 41.0 61.4
101 10.3 7.9 11.9
130 21.6 17.0 25.6



#20
3+4-Methylphenols
Concen: 42.713 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion: 107 Resp: 1027923
Ion Ratio Lower Upper
107 100
108 88.6 69.8 109.8
77 42.9 18.0 58.0
79 28.2 9.8 49.8

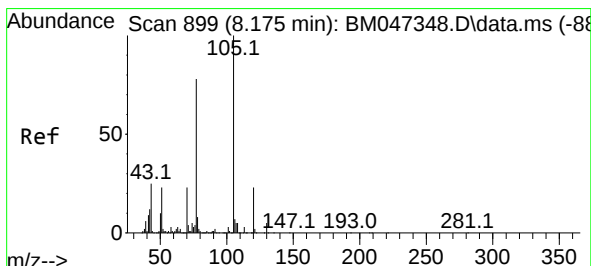
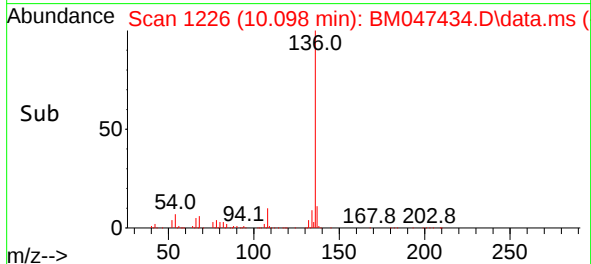
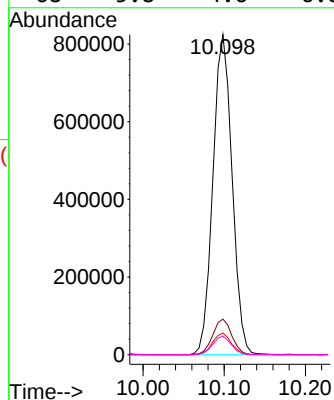
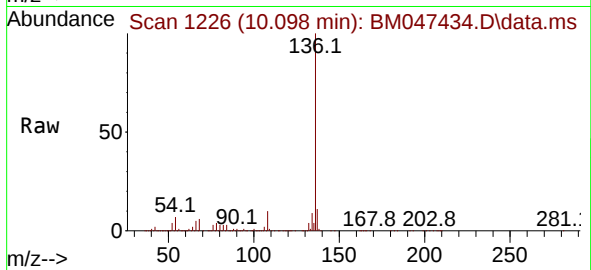




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

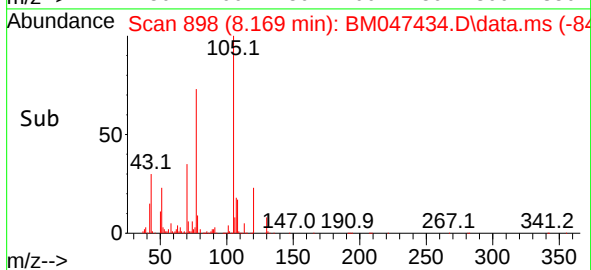
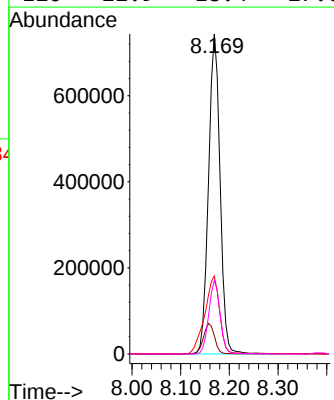
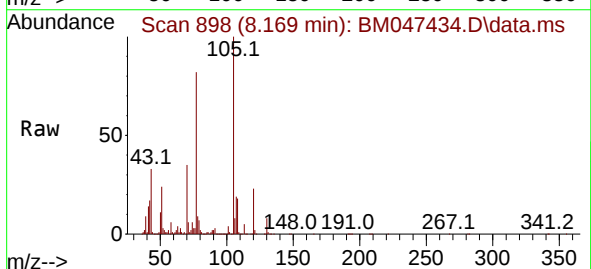
Instrument :
BNA_M
ClientSampleId :
PB163106BS

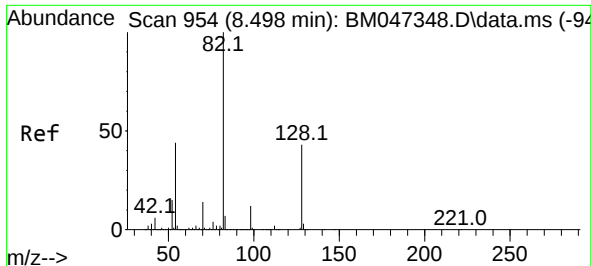
Tgt Ion:136 Resp: 1352190
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.2 7.8
68 5.8 4.6 6.8



#22
Acetophenone
Concen: 38.881 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:105 Resp: 1220133
Ion Ratio Lower Upper
105 100
71 5.8 3.1 4.7#
51 24.4 18.7 28.1
120 22.9 18.4 27.6

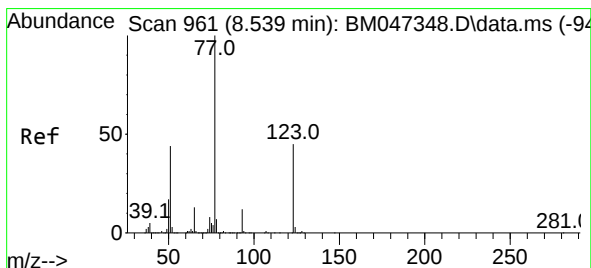
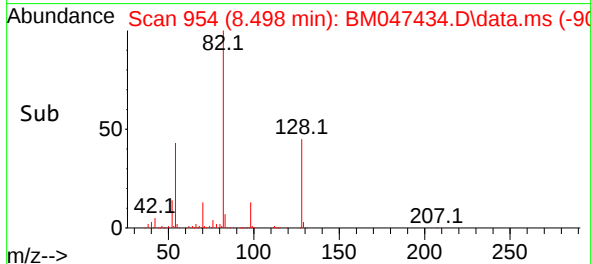
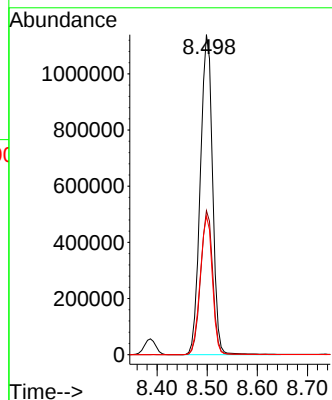
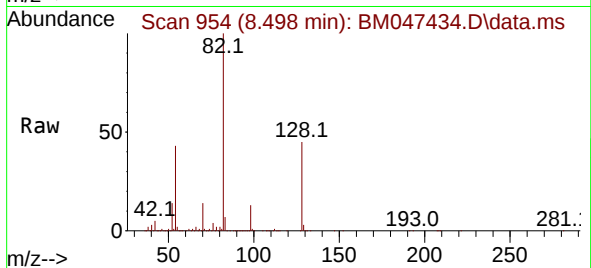




#23
Nitrobenzene-d5
Concen: 79.289 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

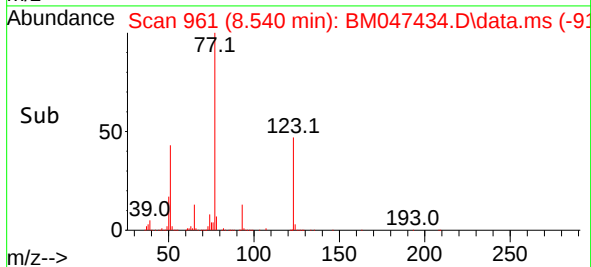
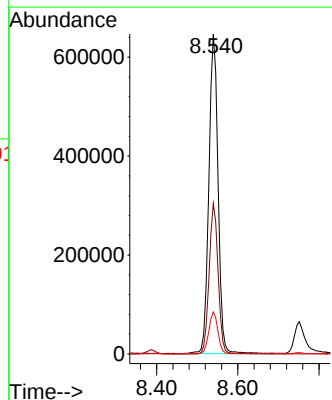
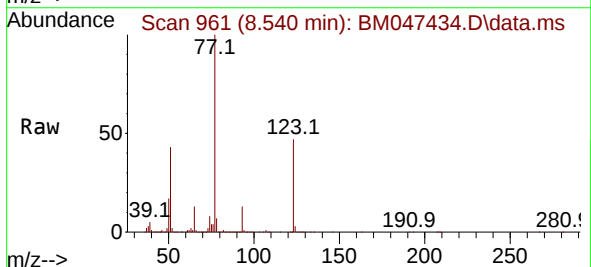
Instrument :
BNA_M
ClientSampleId :
PB163106BS

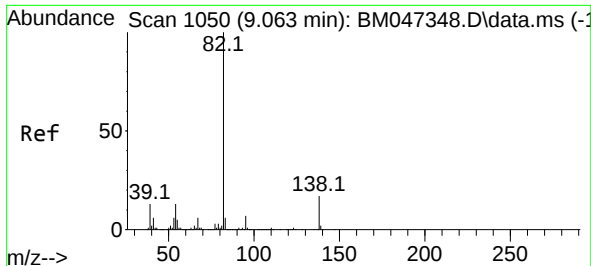
Tgt Ion: 82 Resp: 1932272
Ion Ratio Lower Upper
82 100
128 45.0 34.6 51.8
54 43.3 35.5 53.3



#24
Nitrobenzene
Concen: 40.320 ng
RT: 8.540 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion: 77 Resp: 1010587
Ion Ratio Lower Upper
77 100
123 47.0 35.6 53.4
65 13.1 10.5 15.7

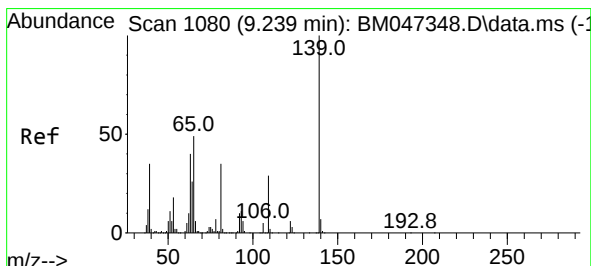
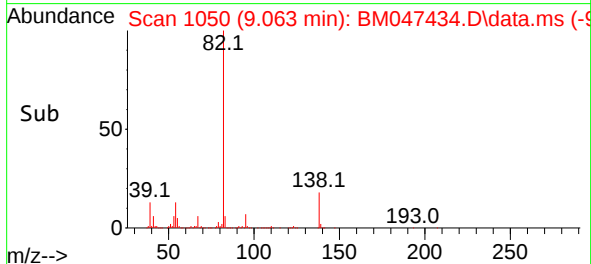
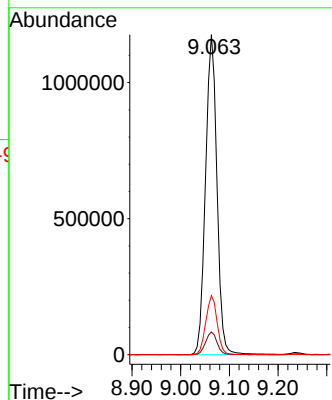
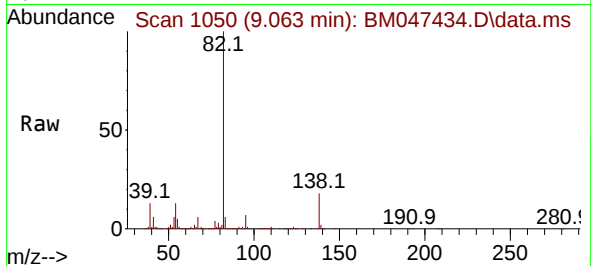




#25
Isophorone
Concen: 41.355 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

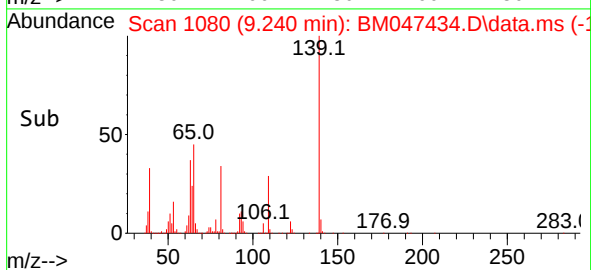
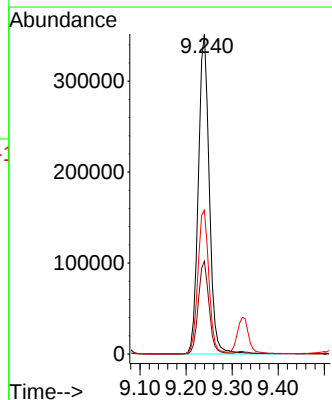
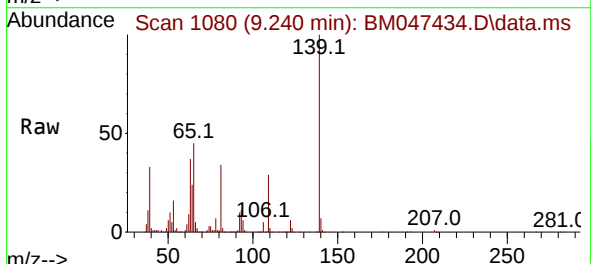
Instrument :
BNA_M
ClientSampleId :
PB163106BS

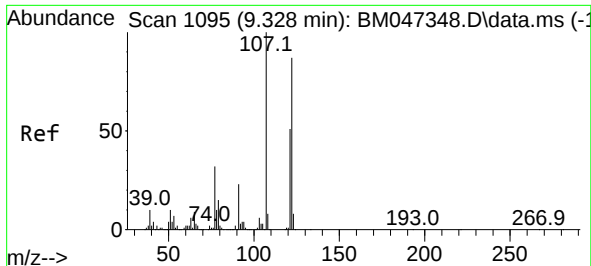
Tgt Ion: 82 Resp: 1904799
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 47.087 ng
RT: 9.240 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:139 Resp: 580514
Ion Ratio Lower Upper
139 100
109 29.0 23.4 35.0
65 44.9 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 49.477 ng

RT: 9.322 min Scan# 1095

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

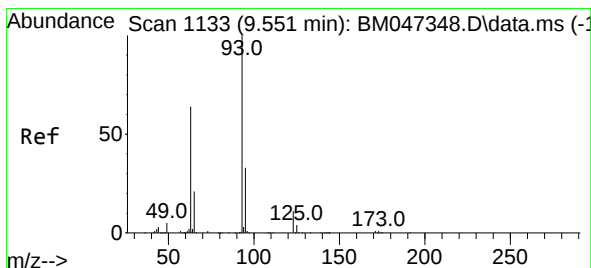
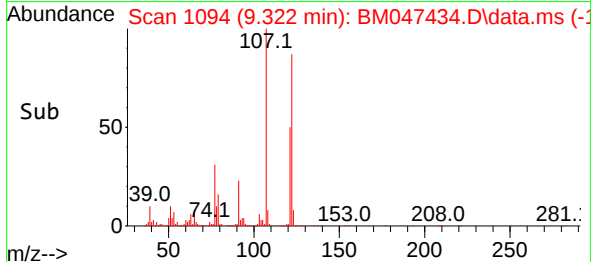
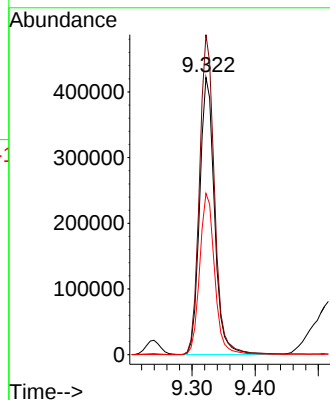
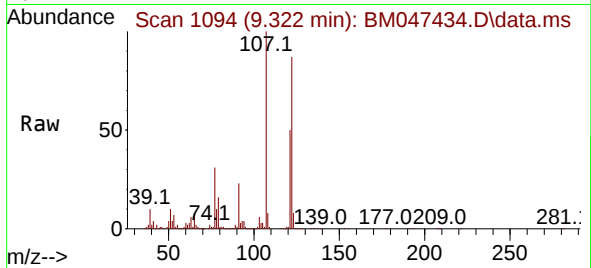
Tgt Ion:122 Resp: 688528

Ion Ratio Lower Upper

122 100

107 115.4 91.9 137.9

121 58.2 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.200 ng

RT: 9.545 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

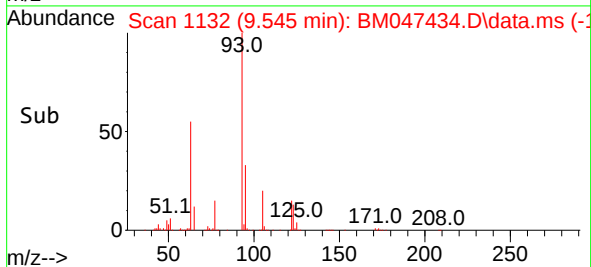
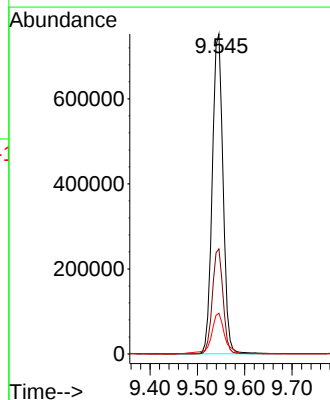
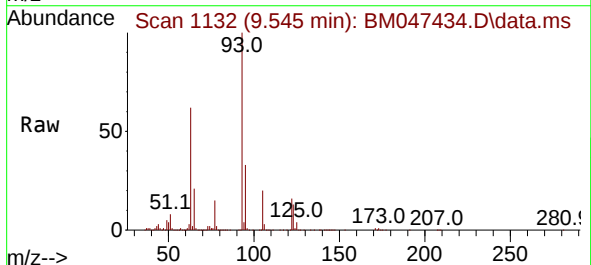
Tgt Ion: 93 Resp: 1190270

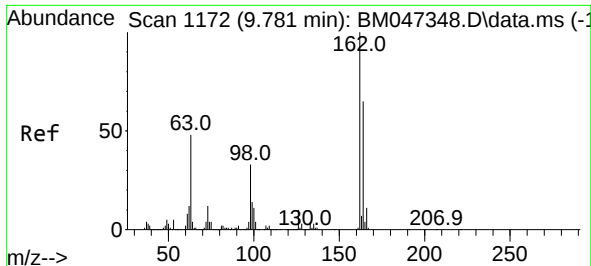
Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

123 12.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.081 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

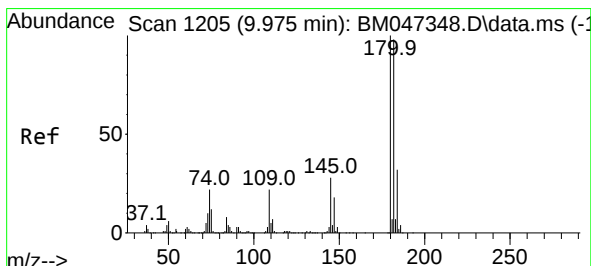
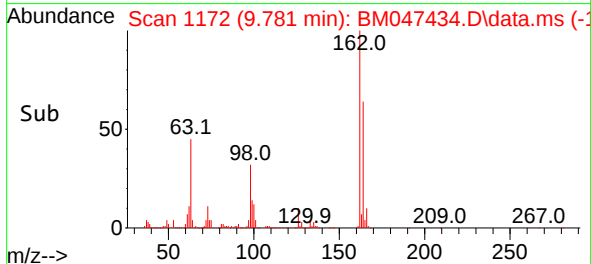
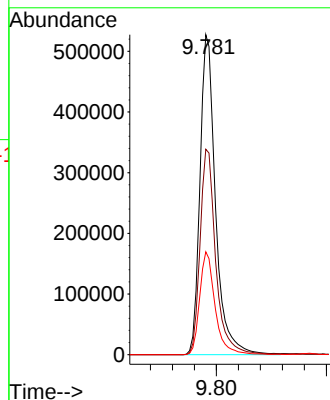
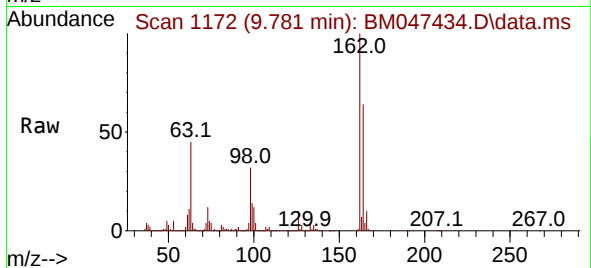
Tgt Ion:162 Resp: 1037933

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 32.2 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 43.344 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

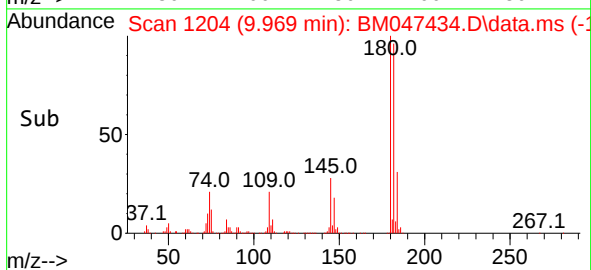
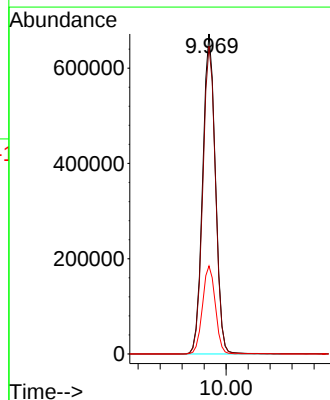
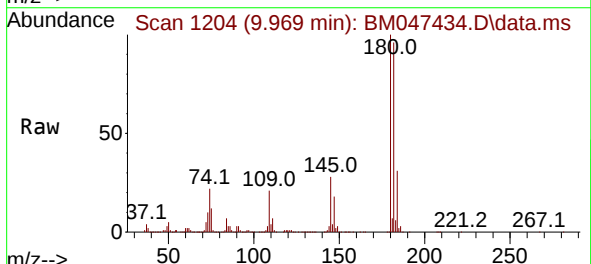
Tgt Ion:180 Resp: 1080733

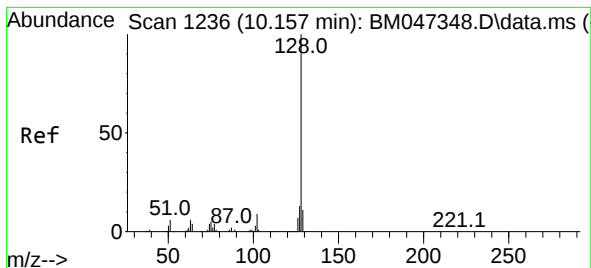
Ion Ratio Lower Upper

180 100

182 96.1 78.2 117.2

145 27.5 22.3 33.5

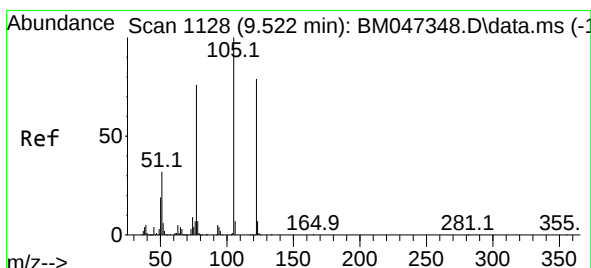
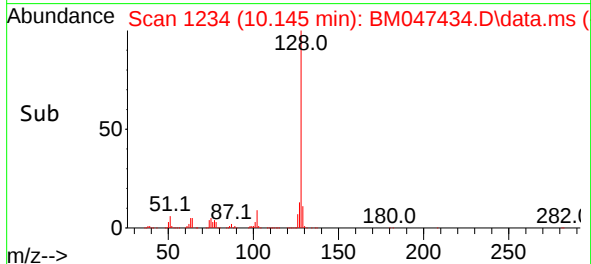
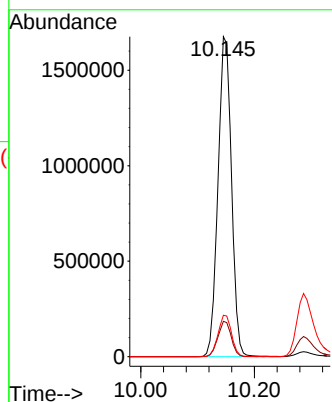
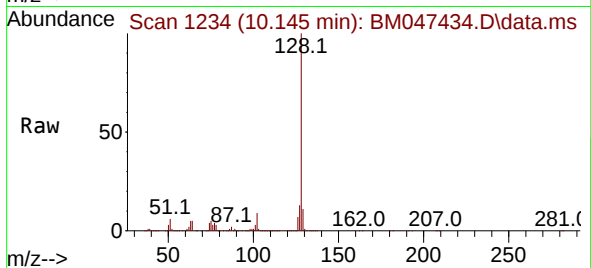




#31
Naphthalene
Concen: 41.869 ng
RT: 10.145 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

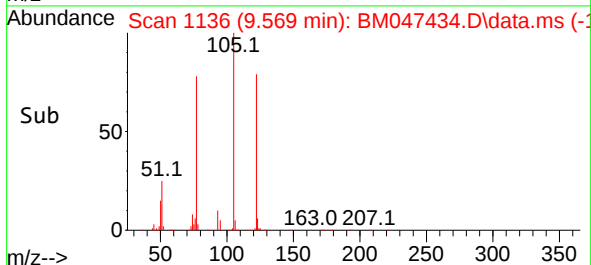
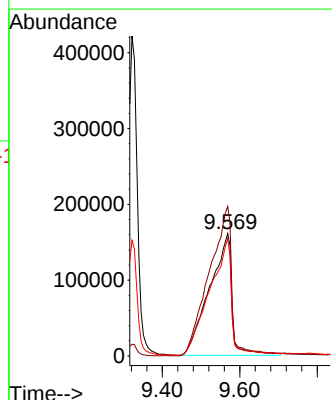
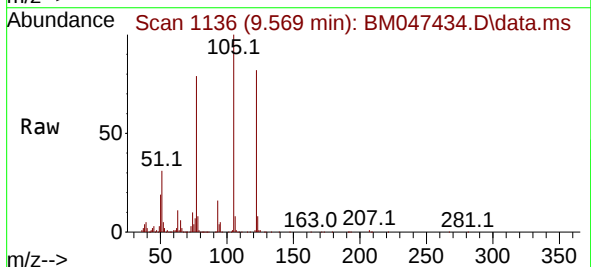
Instrument :
BNA_M
ClientSampleId :
PB163106BS

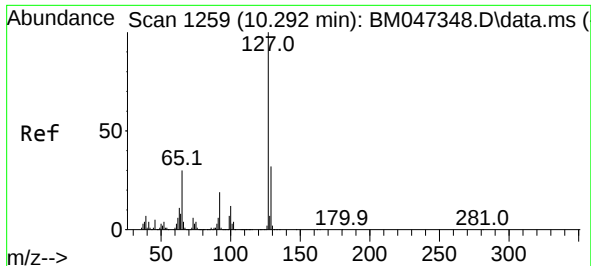
Tgt Ion:128 Resp: 2765167
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 38.825 ng
RT: 9.569 min Scan# 1136
Delta R.T. 0.047 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:122 Resp: 645160
Ion Ratio Lower Upper
122 100
105 122.0 106.0 146.0
77 95.9 76.3 116.3



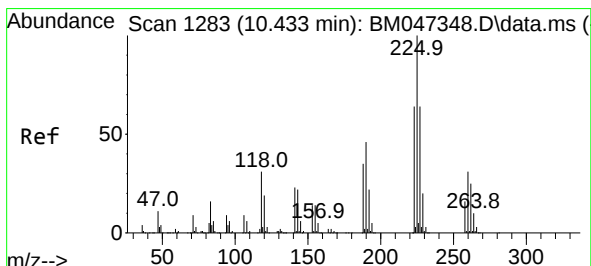
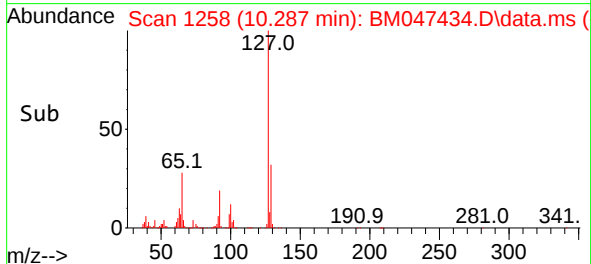
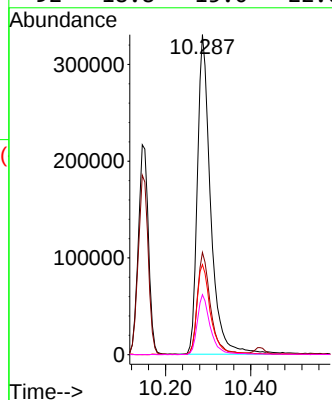
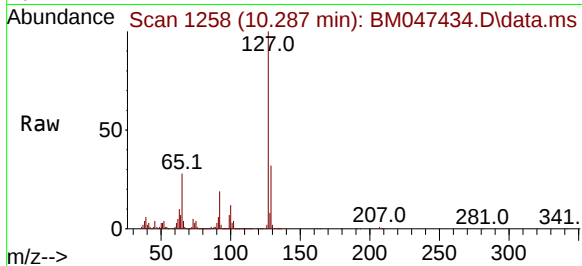


#33
4-Chloroaniline
Concen: 29.027 ng
RT: 10.287 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Instrument :
BNA_M
ClientSampleId :
PB163106BS

Tgt Ion:127 Resp: 712800

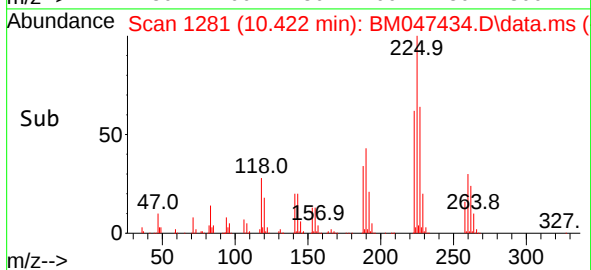
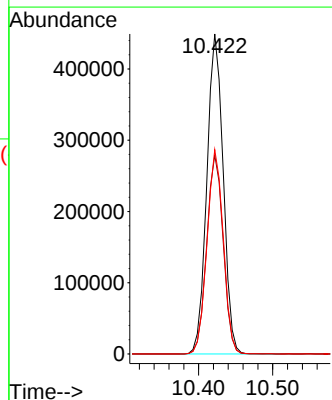
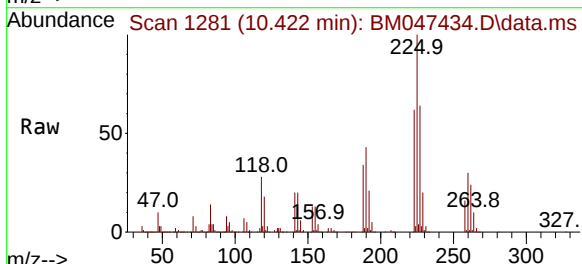
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	28.2	24.2	36.2
92	18.8	15.0	22.6

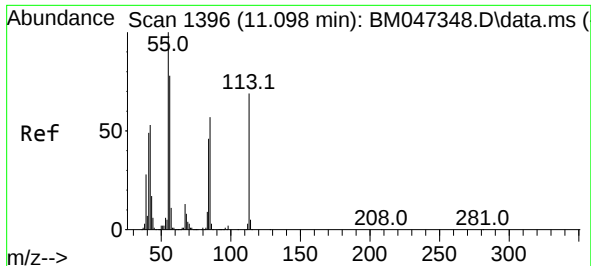


#34
Hexachlorobutadiene
Concen: 44.138 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:225 Resp: 687312

Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	63.8	51.0	76.6

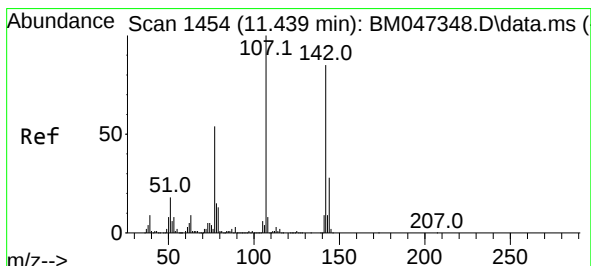
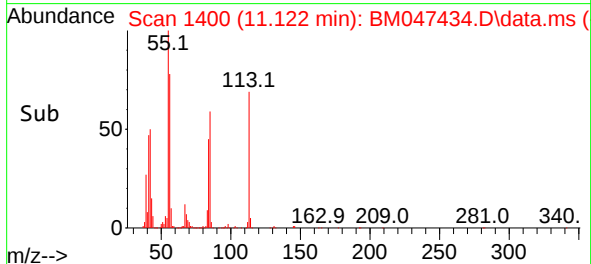
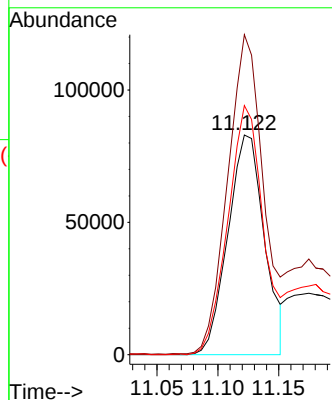
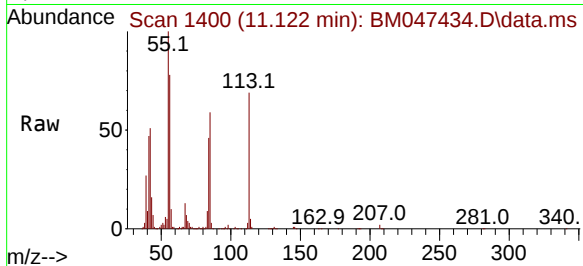




#35
Caprolactam
Concen: 24.688 ng
RT: 11.122 min Scan# 1400
Delta R.T. 0.024 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

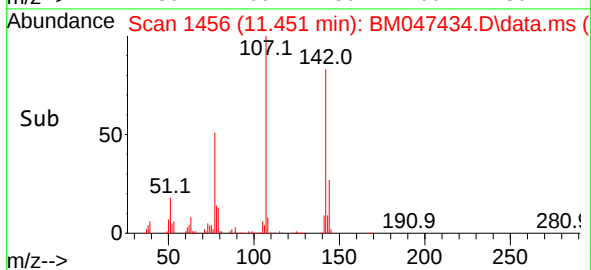
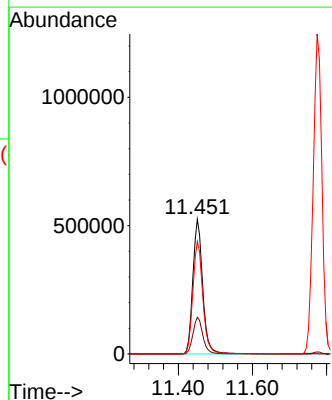
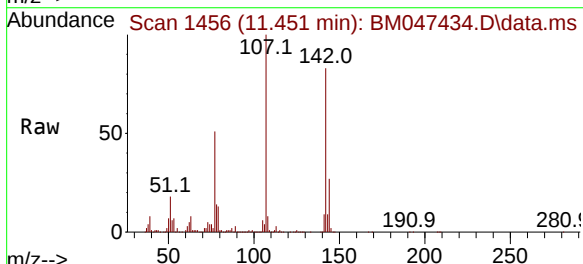
Instrument :
BNA_M
ClientSampleId :
PB163106BS

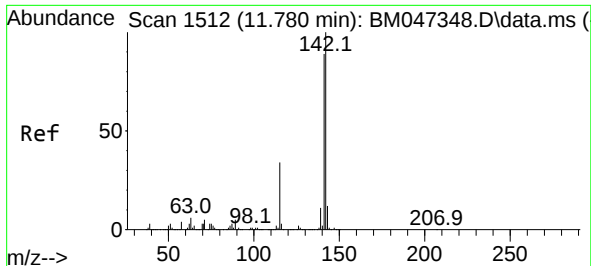
Tgt Ion:113 Resp: 172646
Ion Ratio Lower Upper
113 100
55 145.6 126.2 166.2
56 113.3 93.2 133.2



#36
4-Chloro-3-methylphenol
Concen: 44.417 ng
RT: 11.451 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:107 Resp: 973707
Ion Ratio Lower Upper
107 100
144 27.4 22.2 33.4
142 83.5 67.7 101.5





#37

2-Methylnaphthalene

Concen: 42.177 ng

RT: 11.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

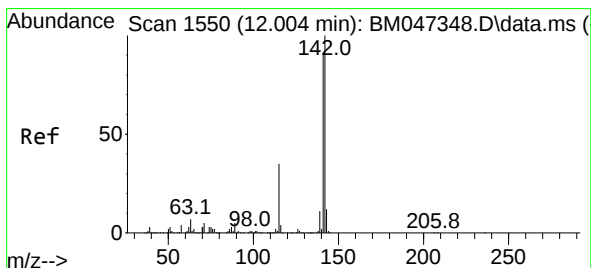
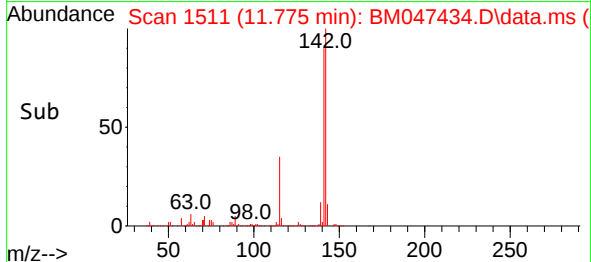
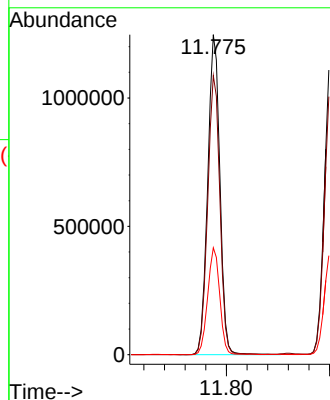
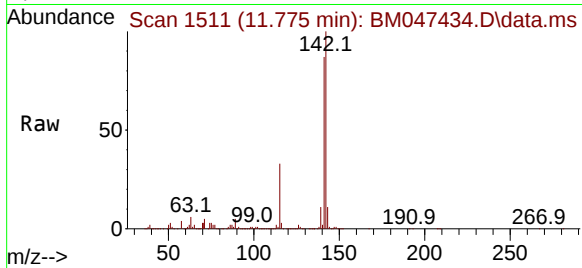
Tgt Ion:142 Resp: 2031001

Ion Ratio Lower Upper

142 100

141 87.2 70.8 106.2

115 33.4 27.5 41.3



#38

1-Methylnaphthalene

Concen: 39.757 ng

RT: 12.004 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

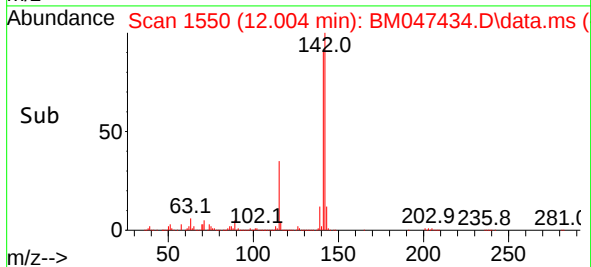
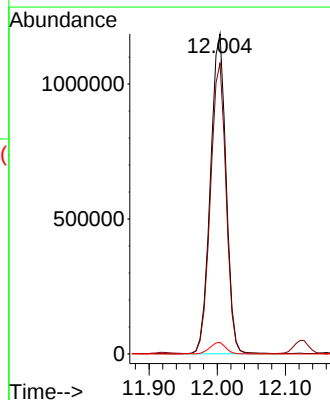
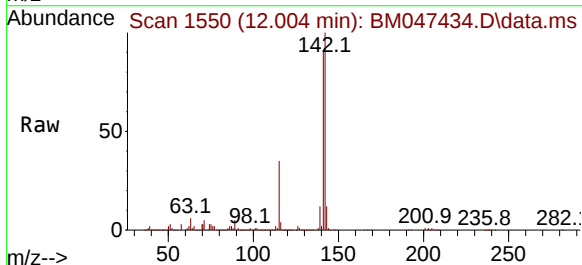
Tgt Ion:142 Resp: 1893469

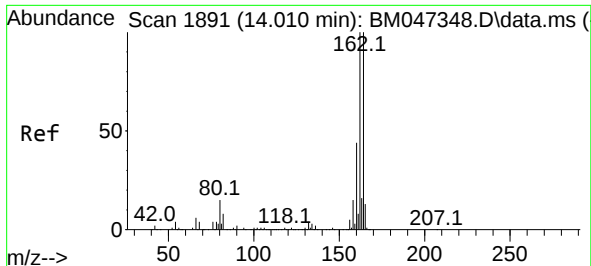
Ion Ratio Lower Upper

142 100

141 90.8 72.9 109.3

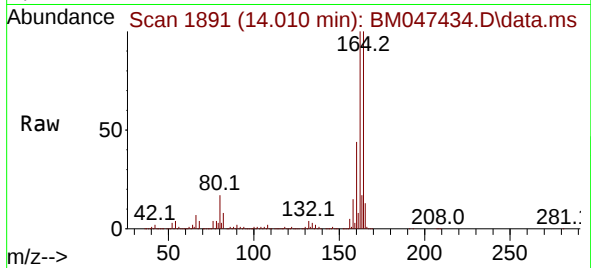
116 3.6 3.0 4.6



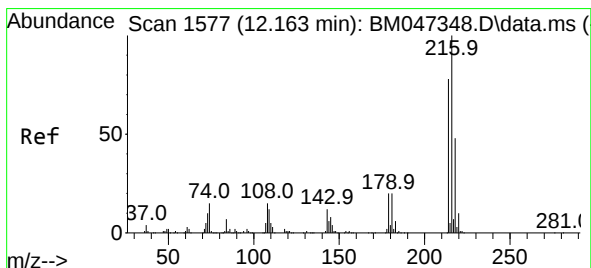
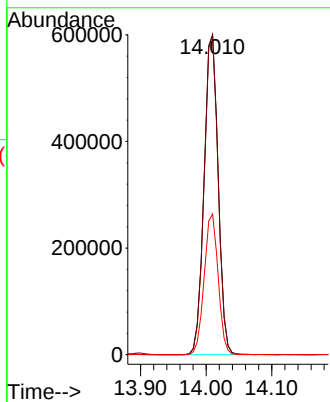
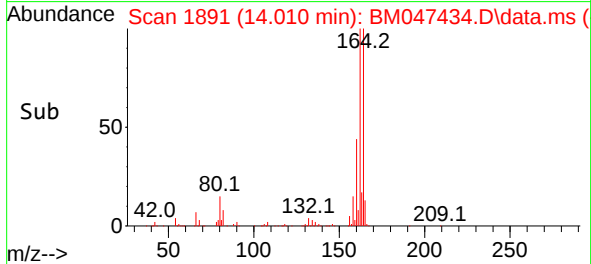


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

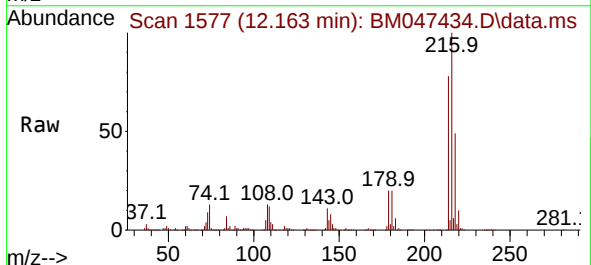
Instrument :
BNA_M
ClientSampleId :
PB163106BS



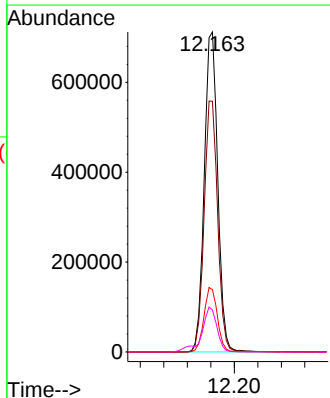
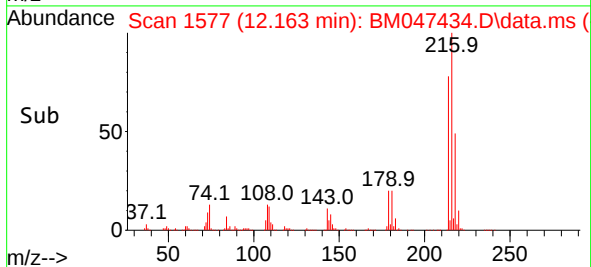
Tgt Ion:164 Resp: 899493
Ion Ratio Lower Upper
164 100
162 99.8 79.7 119.5
160 43.9 34.9 52.3

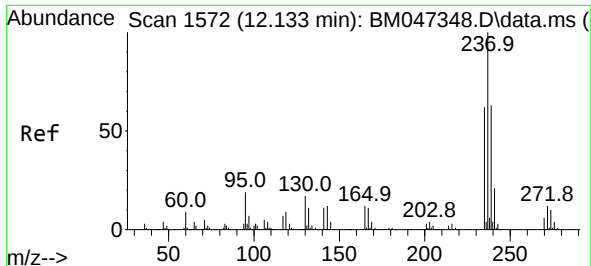


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.682 ng
RT: 12.163 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50



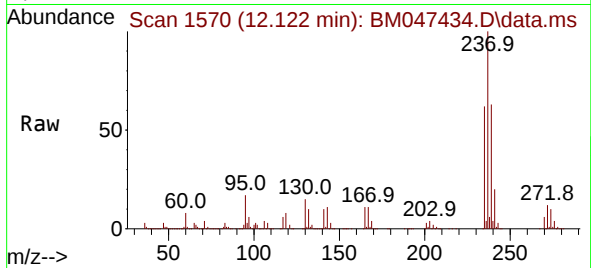
Tgt Ion:216 Resp: 1136852
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
179 20.1 16.6 24.8
108 15.6 12.8 19.2



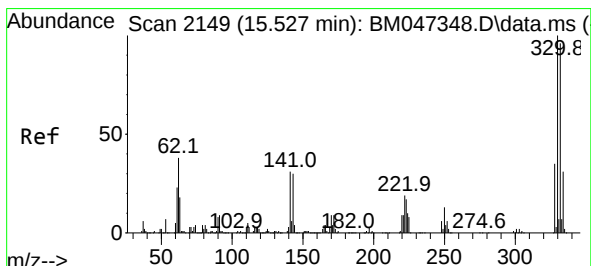
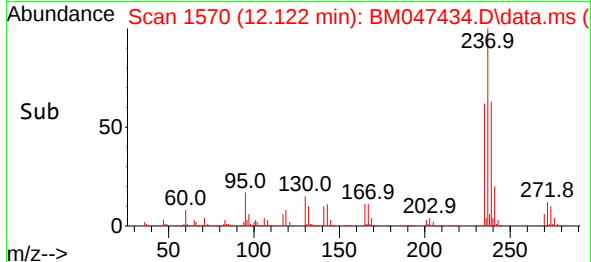
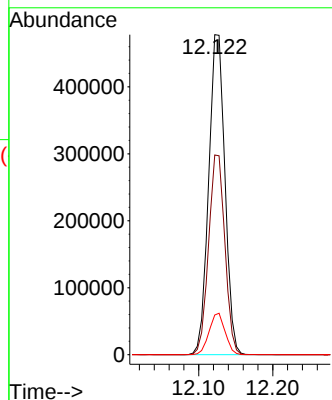


#41
Hexachlorocyclopentadiene
Concen: 86.605 ng
RT: 12.122 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Instrument :
BNA_M
ClientSampleId :
PB163106BS

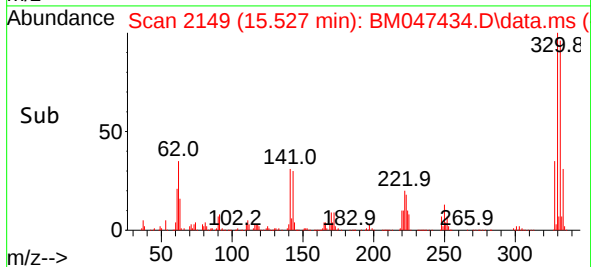
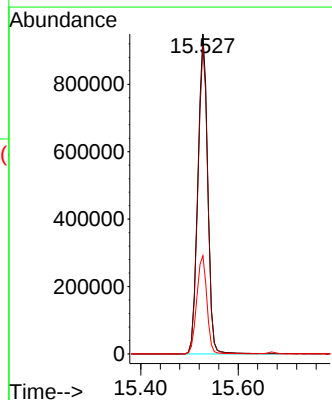
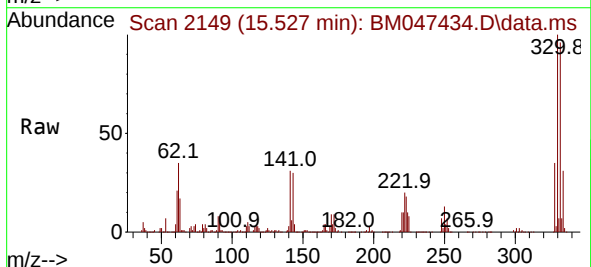


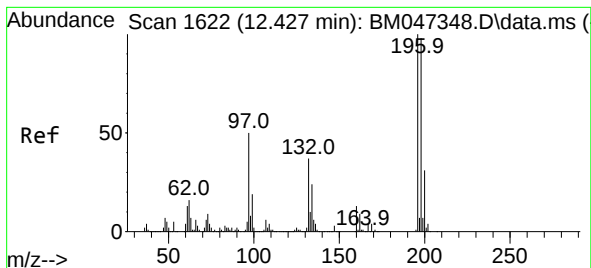
Tgt Ion:237 Resp: 728033
Ion Ratio Lower Upper
237 100
235 62.4 42.1 82.1
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 123.628 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:330 Resp: 1341644
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 31.6 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 47.188 ng

RT: 12.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

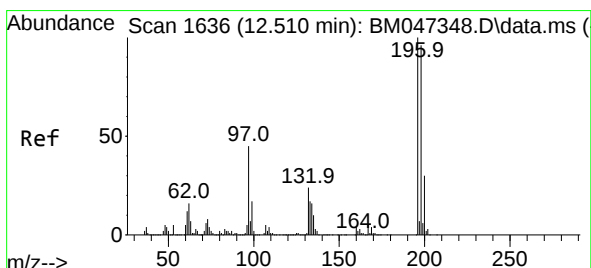
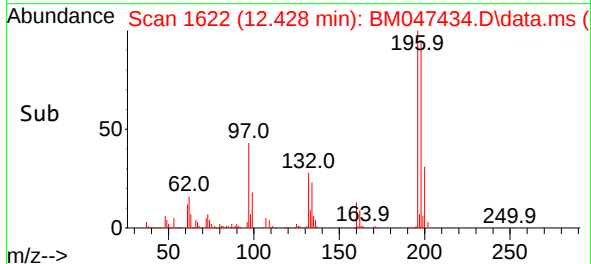
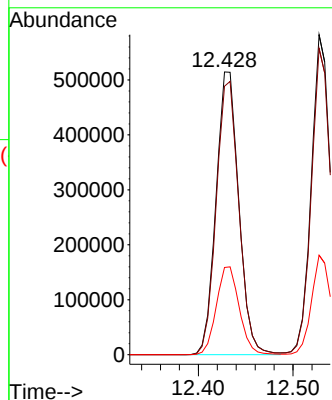
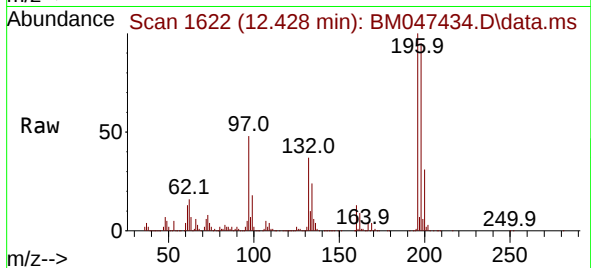
Tgt Ion:196 Resp: 861606

Ion Ratio Lower Upper

196 100

198 95.0 78.2 117.2

200 30.9 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.998 ng

RT: 12.528 min Scan# 1639

Delta R.T. 0.018 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Tgt Ion:196 Resp: 871923

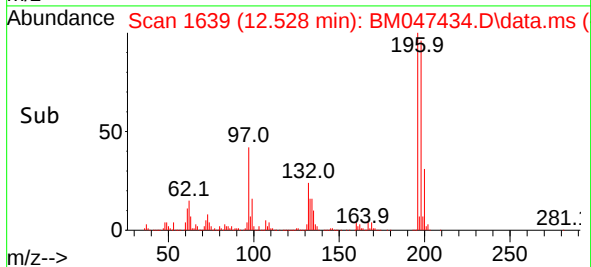
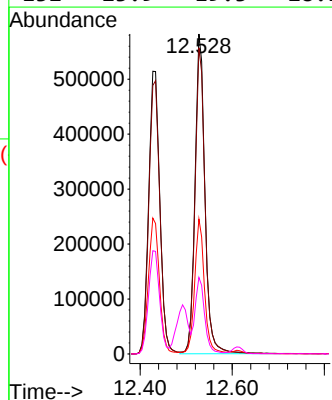
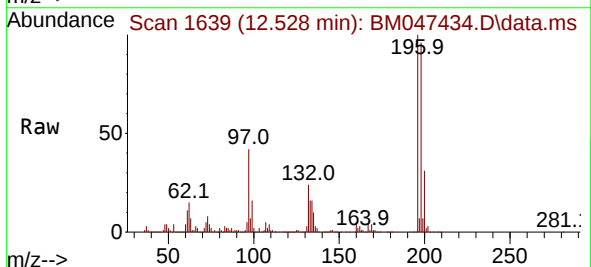
Ion Ratio Lower Upper

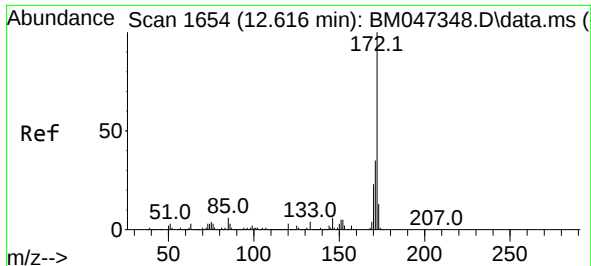
196 100

198 95.7 76.6 115.0

97 42.2 35.9 53.9

132 23.9 19.3 28.9

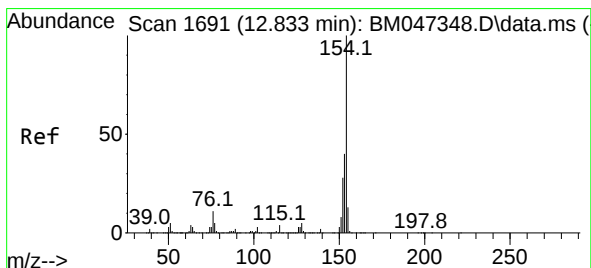
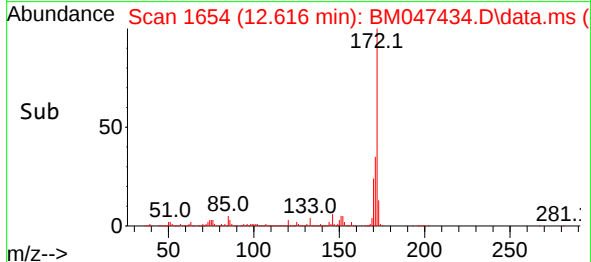
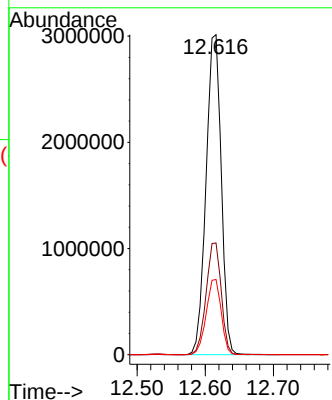
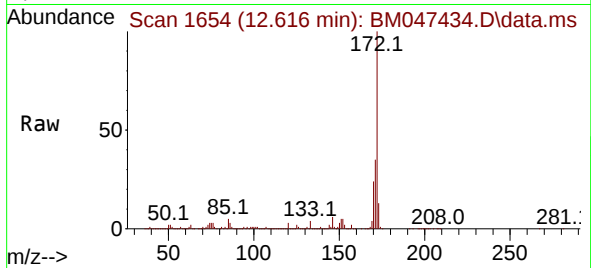




#45
2-Fluorobiphenyl
Concen: 79.816 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

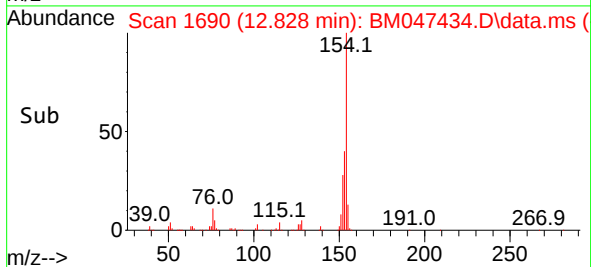
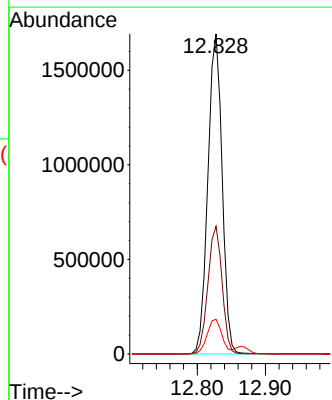
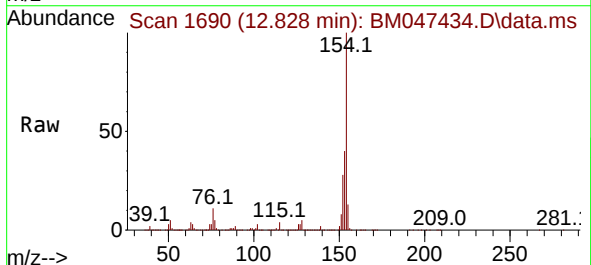
Instrument :
BNA_M
ClientSampleId :
PB163106BS

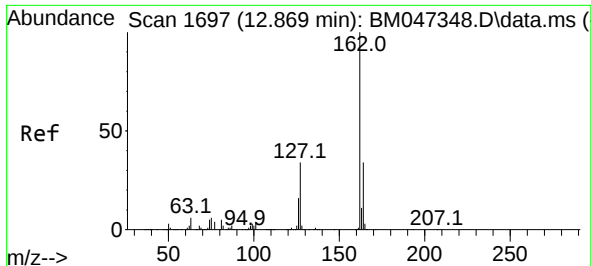
Tgt Ion:172 Resp: 4672550
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 39.182 ng
RT: 12.828 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:154 Resp: 2460937
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 10.9 0.0 31.2

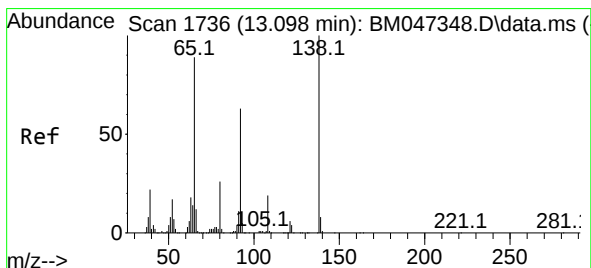
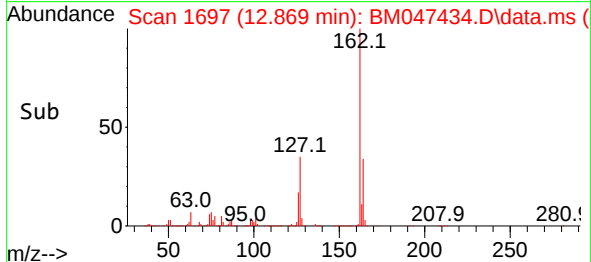
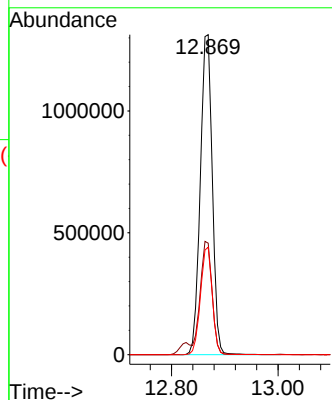
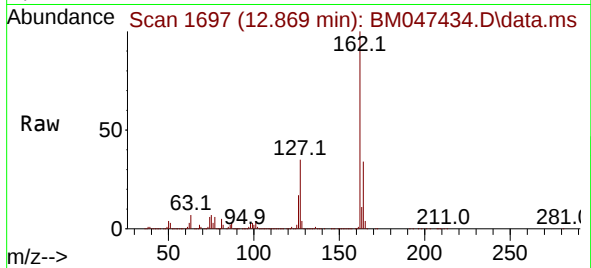




#47
2-Chloronaphthalene
Concen: 41.637 ng
RT: 12.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

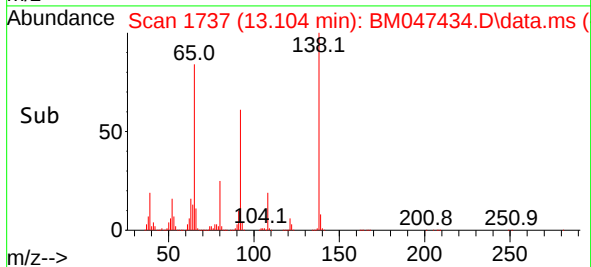
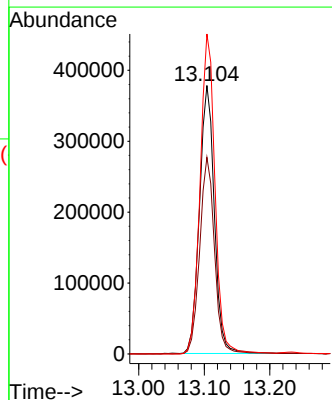
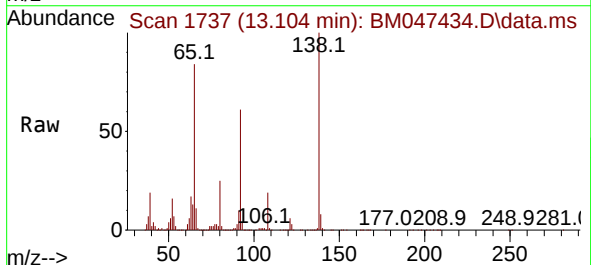
Instrument :
BNA_M
ClientSampleId :
PB163106BS

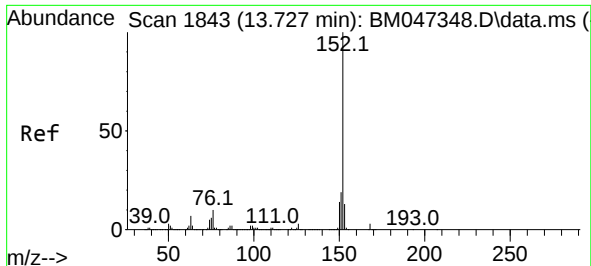
Tgt Ion:162 Resp: 2049375
Ion Ratio Lower Upper
162 100
127 34.8 28.3 42.5
164 33.6 27.0 40.4



#48
2-Nitroaniline
Concen: 43.538 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion: 65 Resp: 600259
Ion Ratio Lower Upper
65 100
92 73.3 57.0 85.6
138 119.2 90.0 135.0

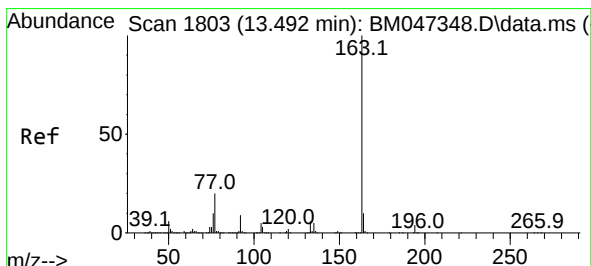
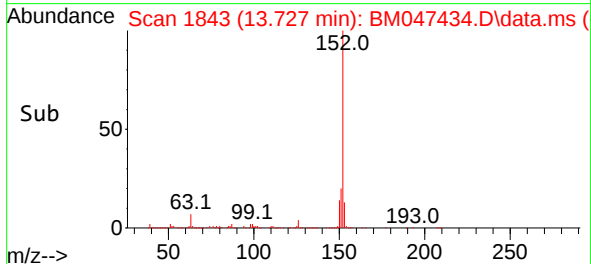
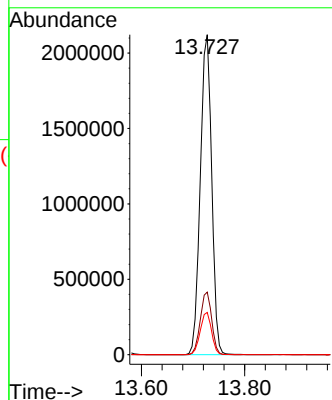
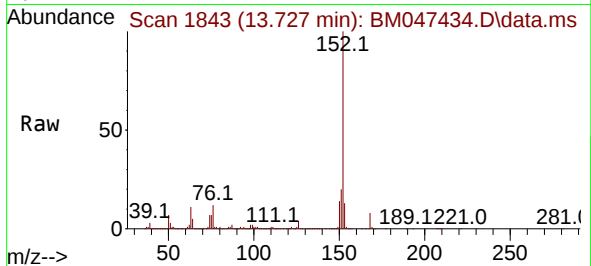




#49
Acenaphthylene
Concen: 45.379 ng
RT: 13.727 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

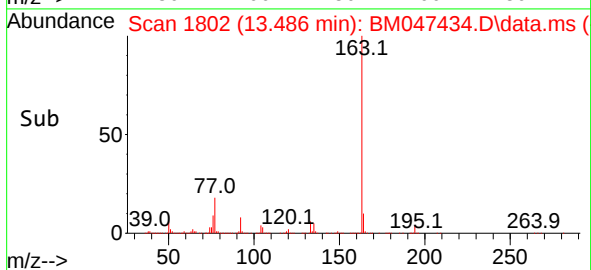
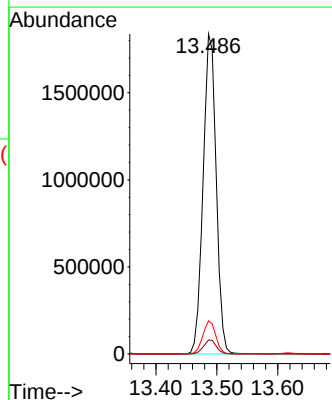
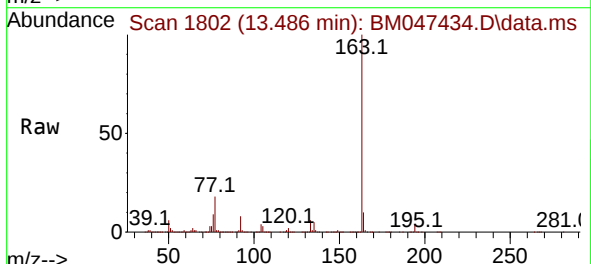
Instrument :
BNA_M
ClientSampleId :
PB163106BS

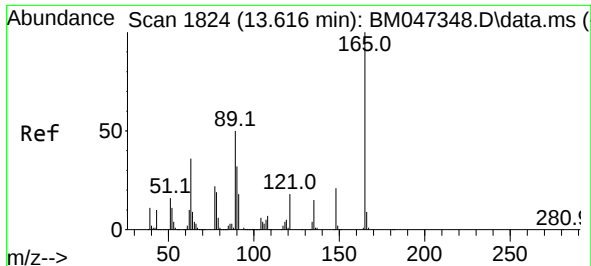
Tgt Ion:152 Resp: 3246170
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 44.117 ng
RT: 13.486 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:163 Resp: 2734287
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.4 8.2 12.4

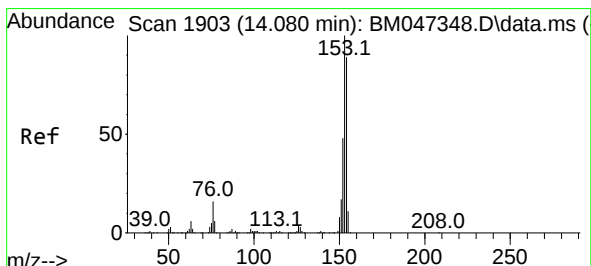
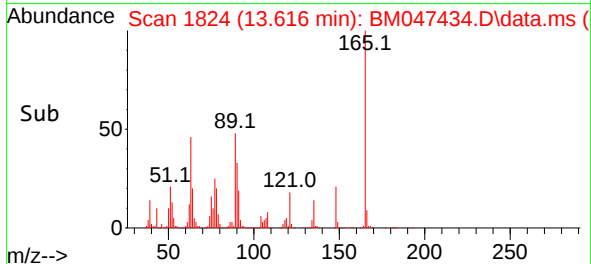
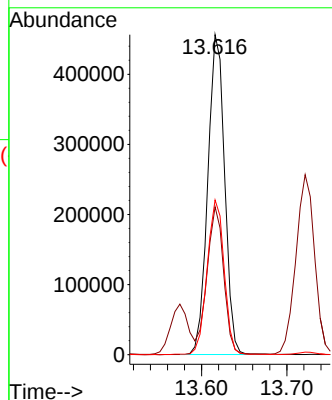
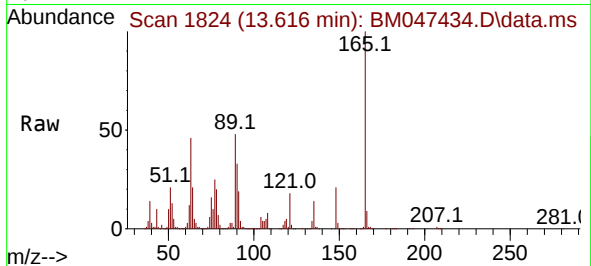




#51
2,6-Dinitrotoluene
Concen: 43.505 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

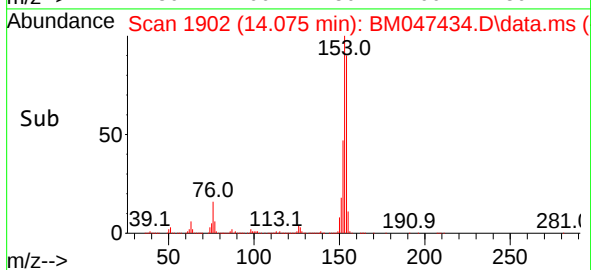
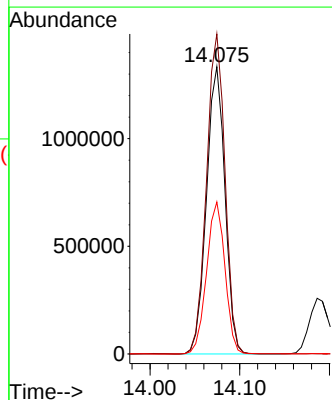
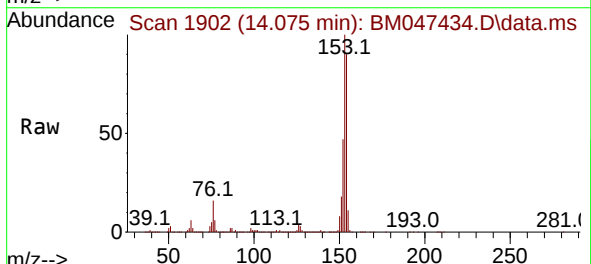
Instrument :
BNA_M
ClientSampleId :
PB163106BS

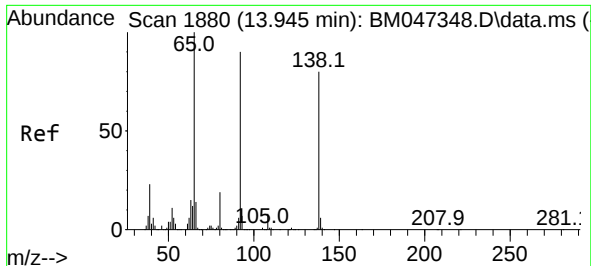
Tgt Ion:165 Resp: 627803
Ion Ratio Lower Upper
165 100
63 46.2 38.2 57.4
89 48.3 40.4 60.6



#52
Acenaphthene
Concen: 42.031 ng
RT: 14.075 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:154 Resp: 1908678
Ion Ratio Lower Upper
154 100
153 111.4 89.5 134.3
152 52.9 43.0 64.4

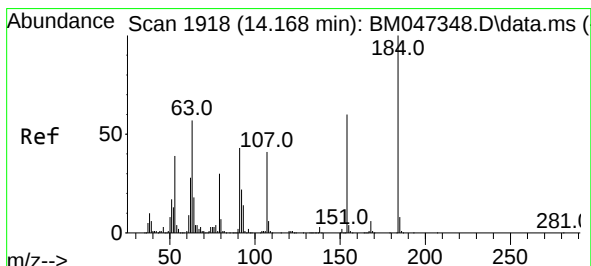
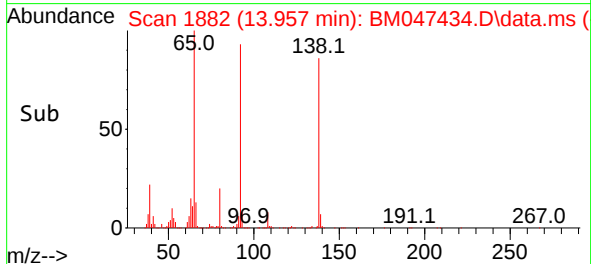
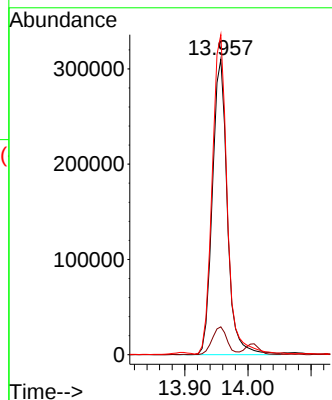
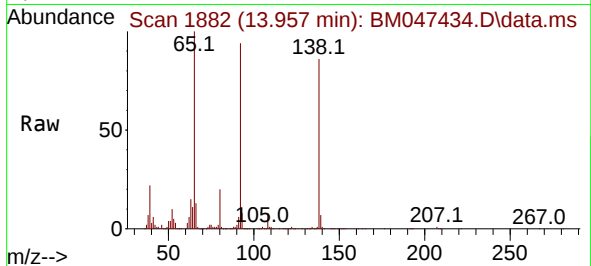




#53
3-Nitroaniline
Concen: 38.152 ng
RT: 13.957 min Scan# 1882
Delta R.T. 0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

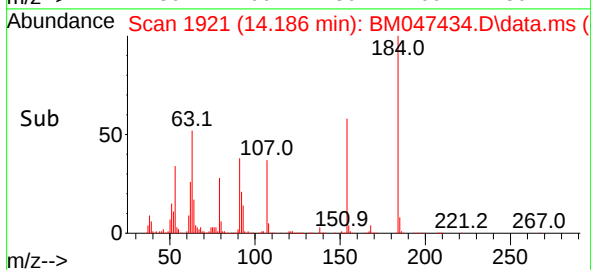
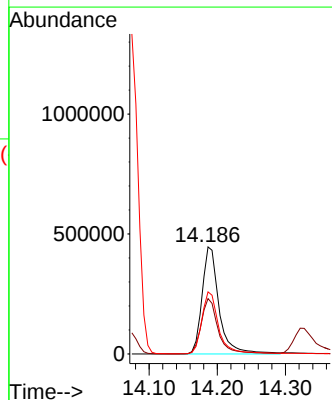
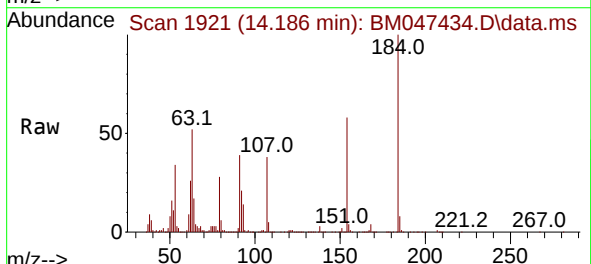
Instrument :
BNA_M
ClientSampleId :
PB163106BS

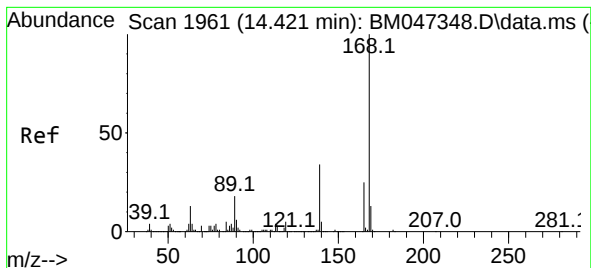
Tgt Ion:138 Resp: 508032
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 108.4 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 87.096 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.018 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:184 Resp: 774005
Ion Ratio Lower Upper
184 100
63 51.7 45.7 68.5
154 58.0 48.5 72.7

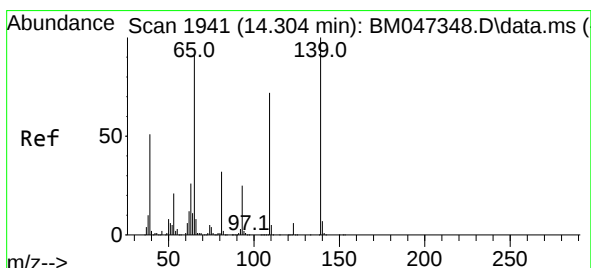
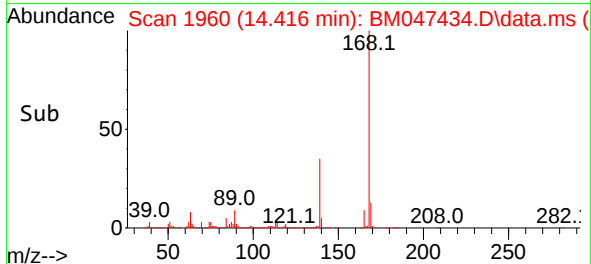
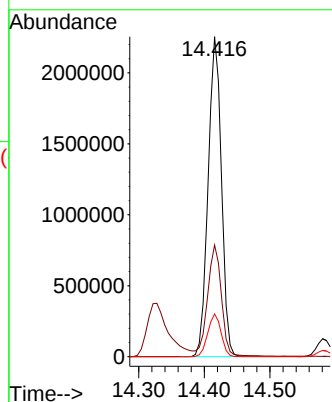
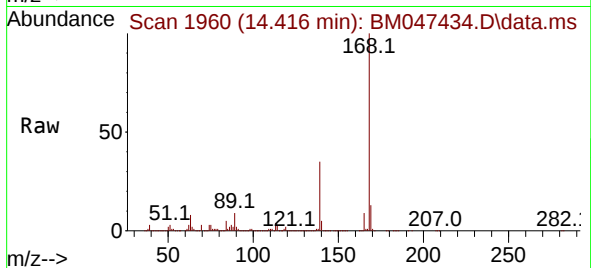




#55
Dibenzofuran
Concen: 43.543 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

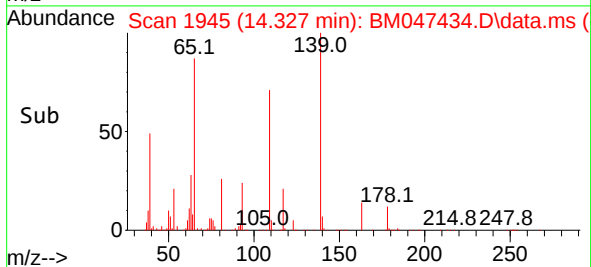
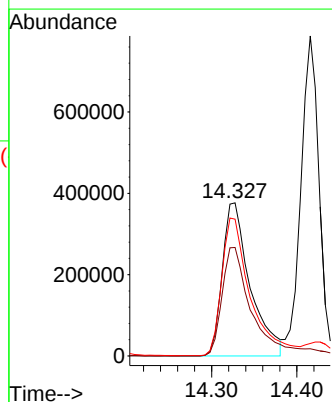
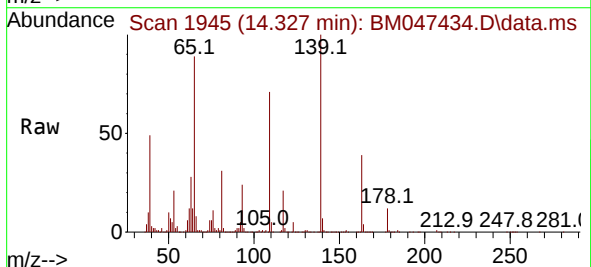
Instrument :
BNA_M
ClientSampleId :
PB163106BS

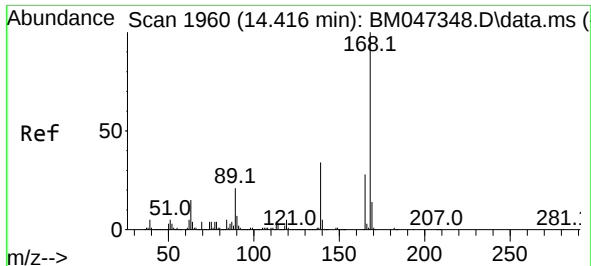
Tgt Ion:168 Resp: 3184924
Ion Ratio Lower Upper
168 100
139 34.9 27.5 41.3
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 81.850 ng
RT: 14.327 min Scan# 1945
Delta R.T. 0.023 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:139 Resp: 851948
Ion Ratio Lower Upper
139 100
109 70.9 51.6 91.6
65 89.3 71.7 111.7

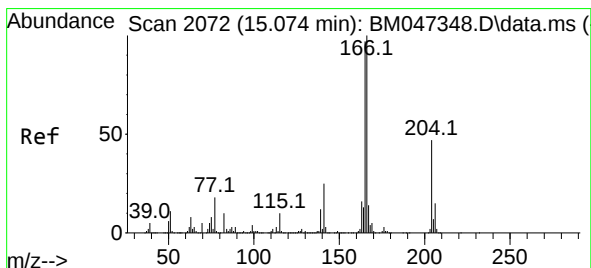
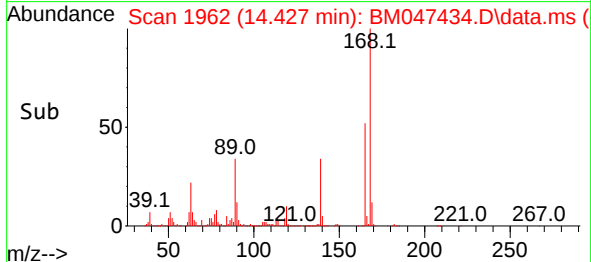
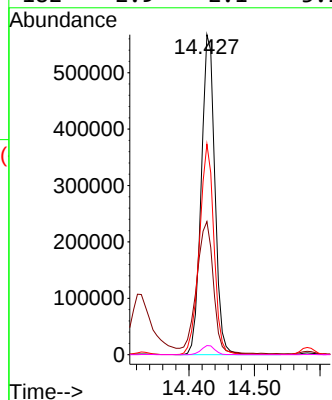
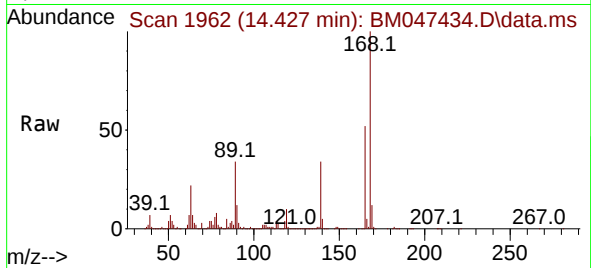




#57
2,4-Dinitrotoluene
Concen: 44.000 ng
RT: 14.427 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

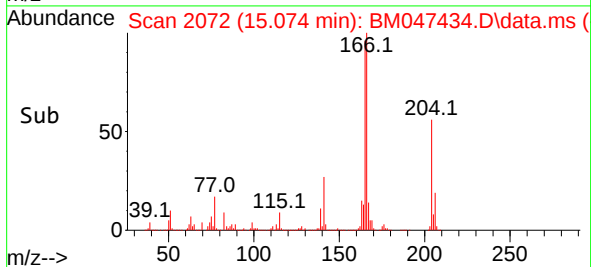
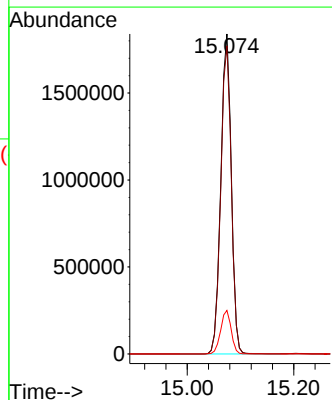
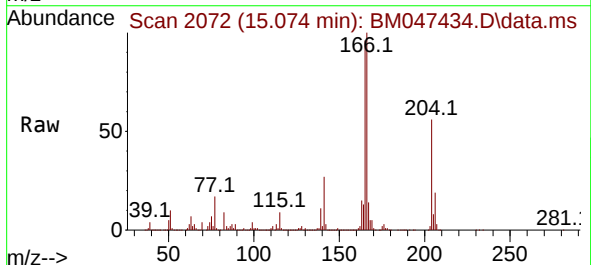
Instrument :
BNA_M
ClientSampleId :
PB163106BS

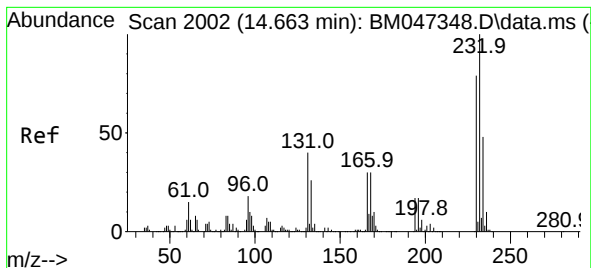
Tgt Ion:165 Resp: 821933
Ion Ratio Lower Upper
165 100
63 41.6 42.2 63.4#
89 65.8 59.3 88.9
182 2.9 2.1 3.1



#58
Fluorene
Concen: 42.387 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:166 Resp: 2509235
Ion Ratio Lower Upper
166 100
165 96.3 77.8 116.6
167 13.6 11.1 16.7

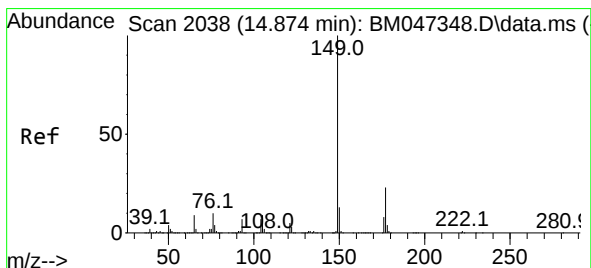
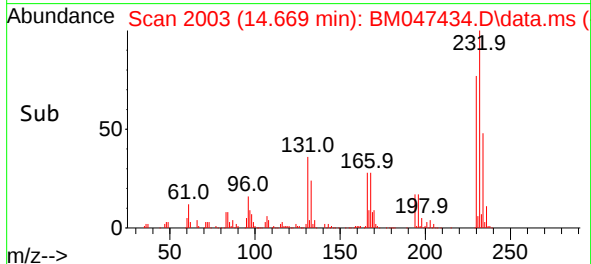
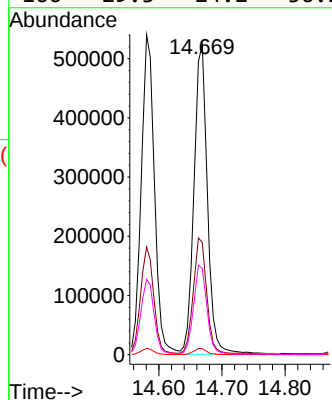
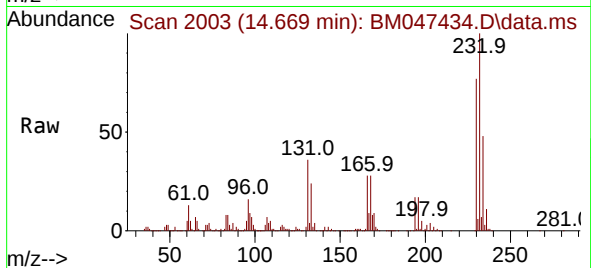




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.320 ng
RT: 14.669 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

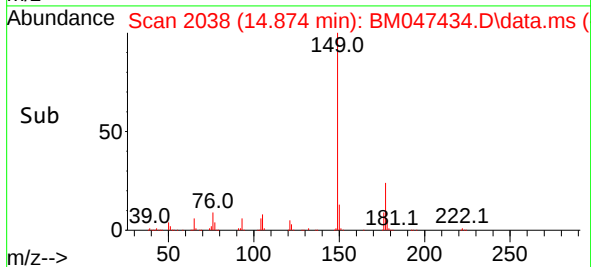
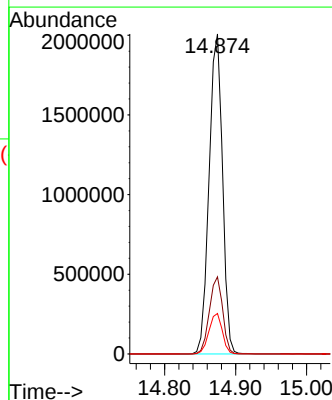
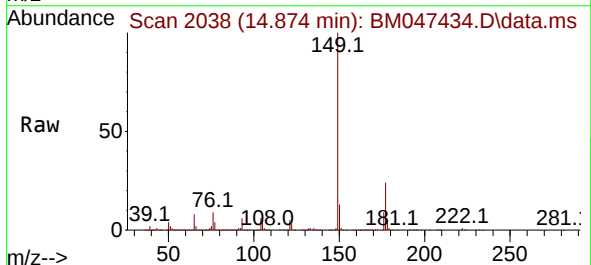
Instrument :
BNA_M
ClientSampleId :
PB163106BS

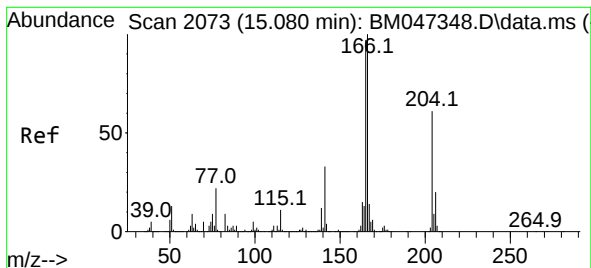
Tgt Ion:232 Resp: 771489
Ion Ratio Lower Upper
232 100
131 36.8 31.7 47.5
130 2.0 1.7 2.5
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 43.148 ng
RT: 14.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:149 Resp: 2637912
Ion Ratio Lower Upper
149 100
177 24.1 18.6 28.0
150 12.7 10.2 15.4

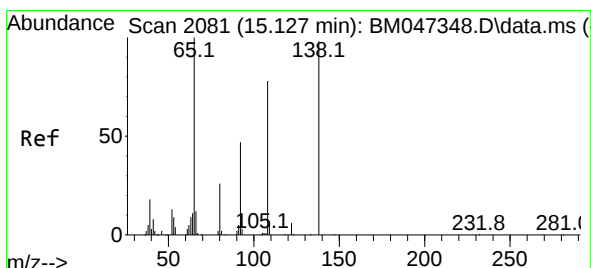
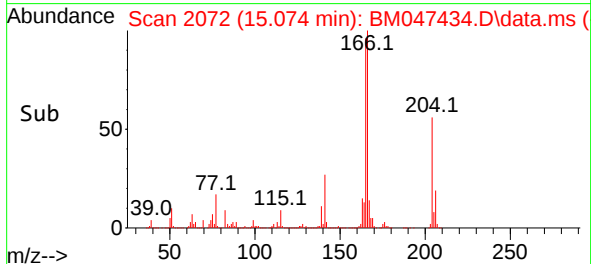
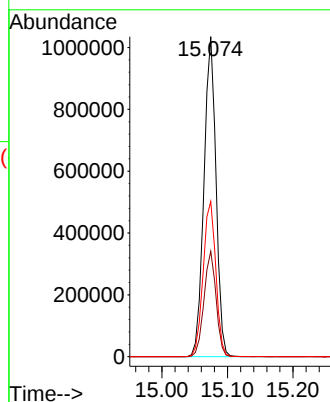
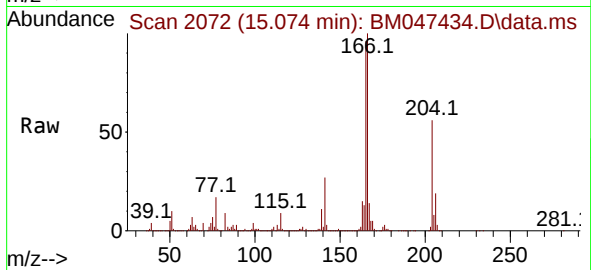




#61
4-Chlorophenyl-phenylether
Concen: 44.121 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

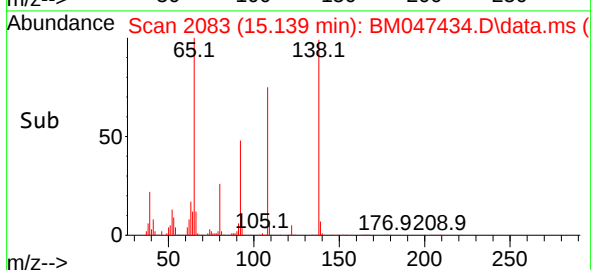
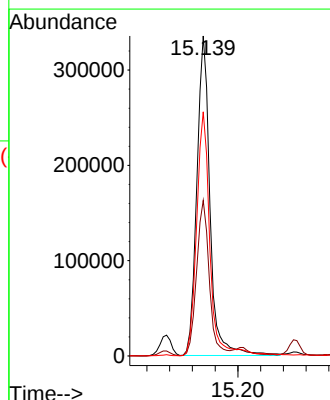
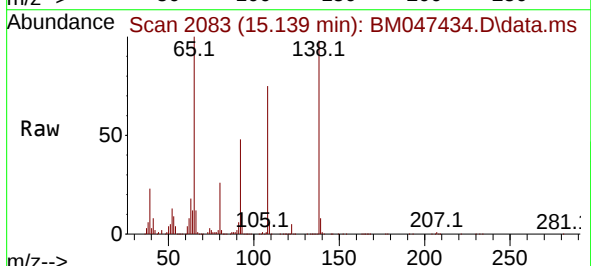
Instrument :
BNA_M
ClientSampleId :
PB163106BS

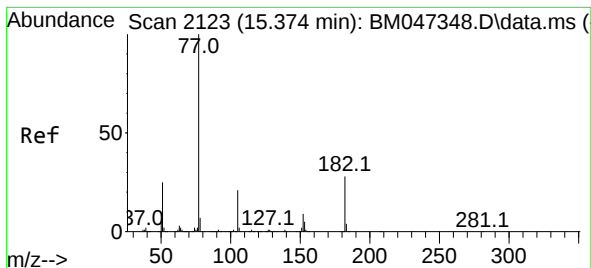
Tgt Ion:204 Resp: 1328668
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 48.5 42.8 64.2



#62
4-Nitroaniline
Concen: 44.061 ng
RT: 15.139 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:138 Resp: 542745
Ion Ratio Lower Upper
138 100
92 48.6 27.9 67.9
108 76.3 58.7 98.7





#63

Azobenzene

Concen: 41.856 ng

RT: 15.369 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

Tgt Ion: 77 Resp: 2228335

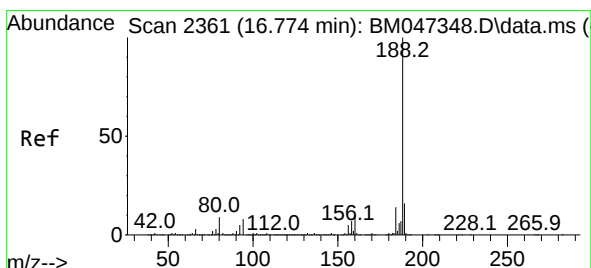
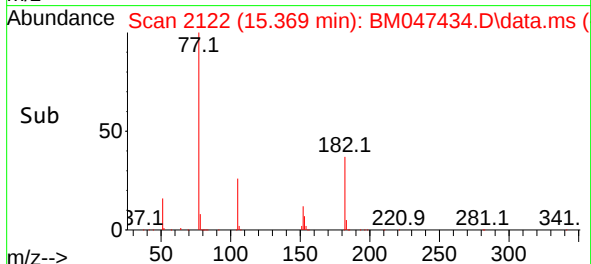
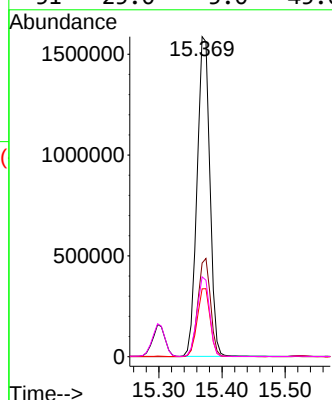
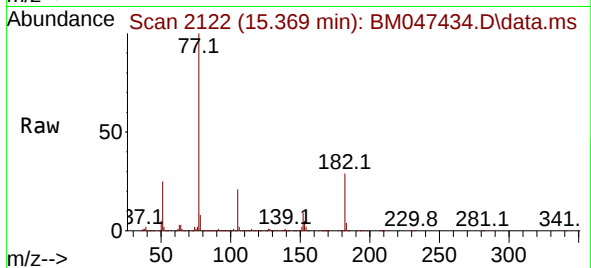
Ion Ratio Lower Upper

77 100

182 29.3 7.9 47.9

105 21.2 0.6 40.6

51 25.0 5.0 45.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

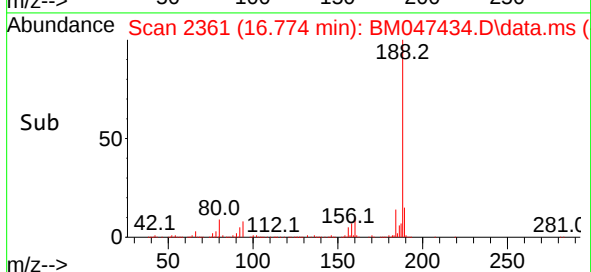
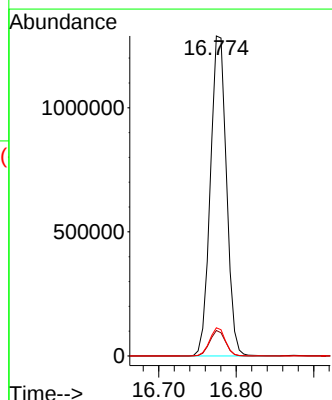
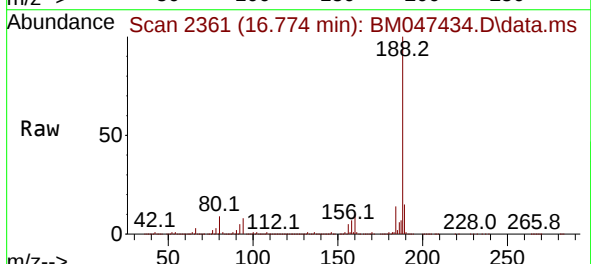
Tgt Ion:188 Resp: 1863503

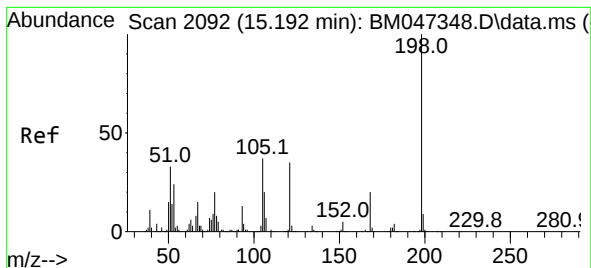
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.8 7.4 11.2

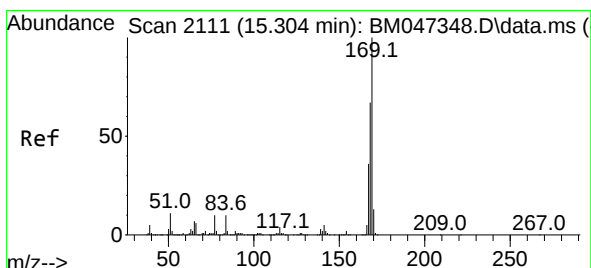
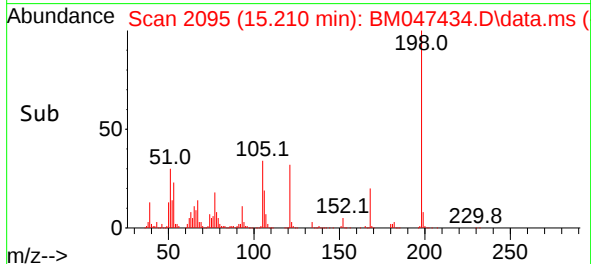
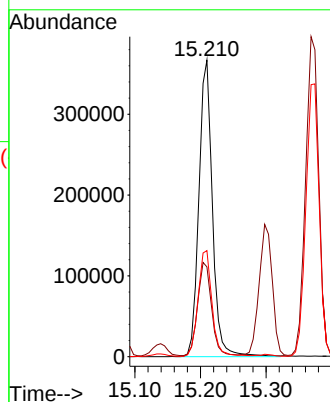
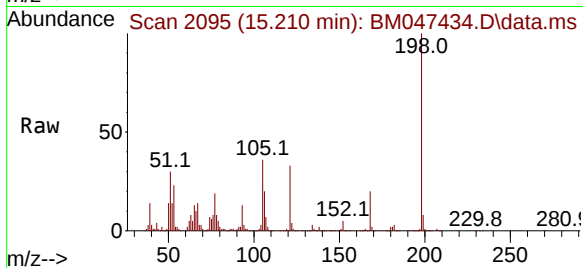




#65
4,6-Dinitro-2-methylphenol
Concen: 46.235 ng
RT: 15.210 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

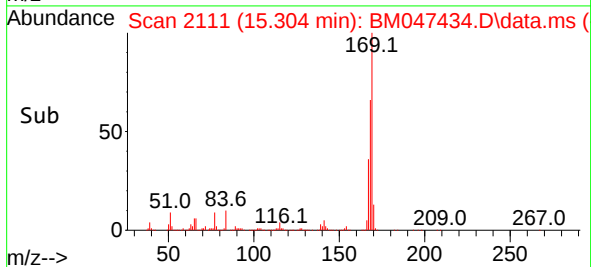
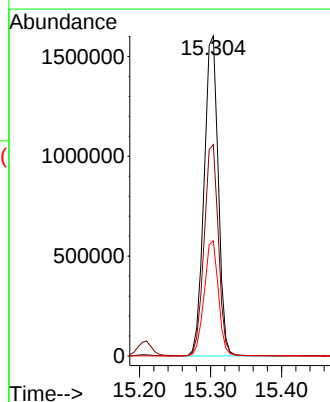
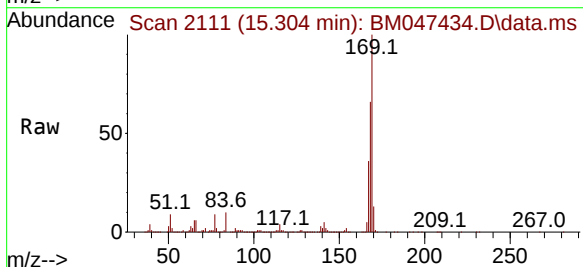
Instrument :
BNA_M
ClientSampleId :
PB163106BS

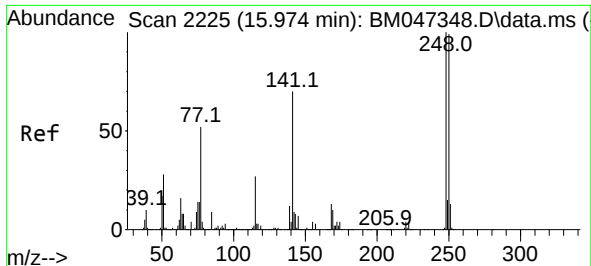
Tgt Ion:198 Resp: 528819
Ion Ratio Lower Upper
198 100
51 30.3 14.1 54.1
105 35.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 43.659 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:169 Resp: 2226201
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.0 29.0 43.4

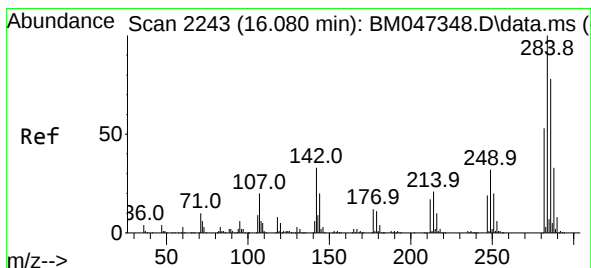
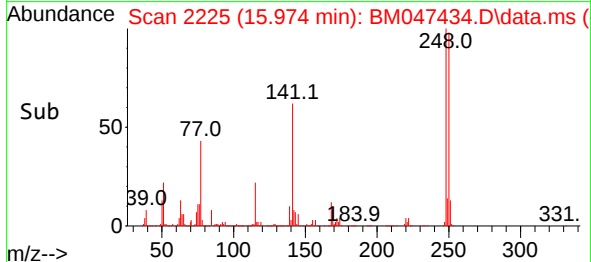
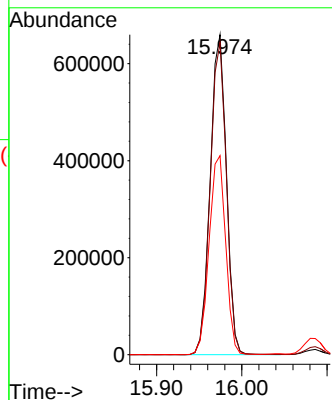
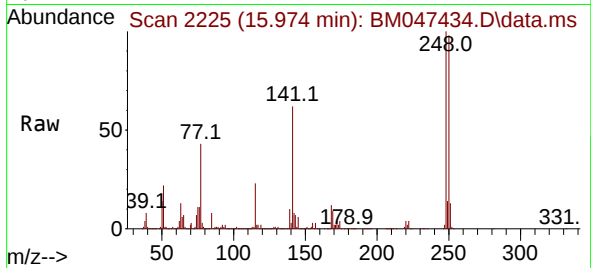




#67
4-Bromophenyl-phenylether
Concen: 44.457 ng
RT: 15.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

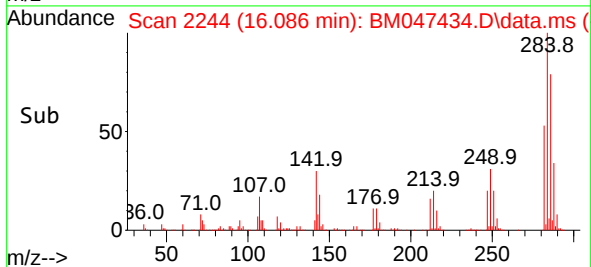
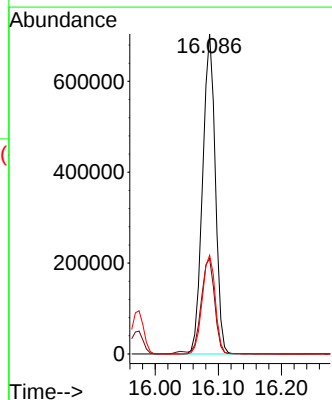
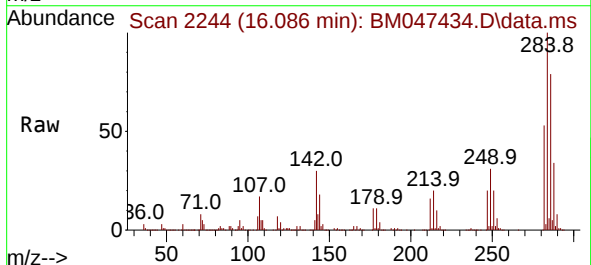
Instrument :
BNA_M
ClientSampleId :
PB163106BS

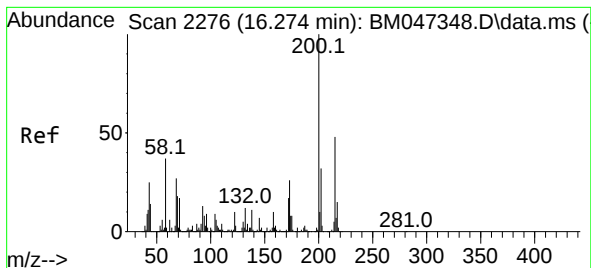
Tgt Ion:248 Resp: 873990
Ion Ratio Lower Upper
248 100
250 97.6 78.8 118.2
141 62.2 55.9 83.9



#68
Hexachlorobenzene
Concen: 43.119 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:284 Resp: 979056
Ion Ratio Lower Upper
284 100
142 29.8 26.5 39.7
249 30.9 25.5 38.3





#69

Atrazine

Concen: 38.082 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

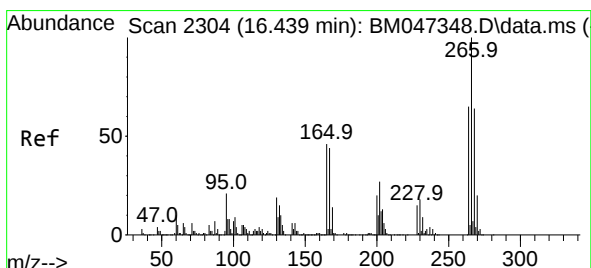
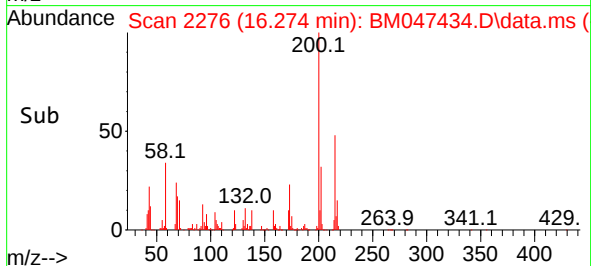
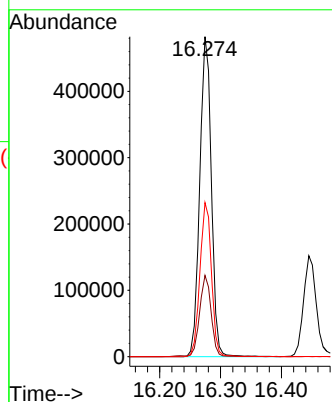
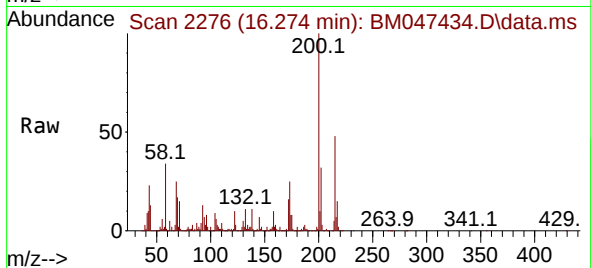
Tgt Ion:200 Resp: 634707

Ion Ratio Lower Upper

200 100

173 25.4 5.8 45.8

215 48.2 28.3 68.3



#70

Pentachlorophenol

Concen: 81.255 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

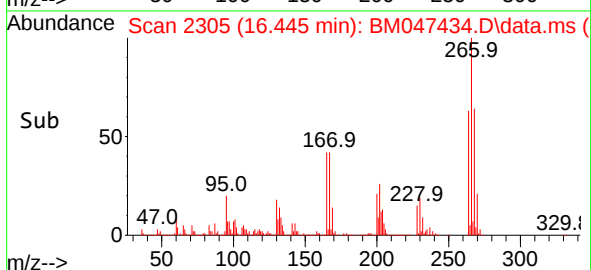
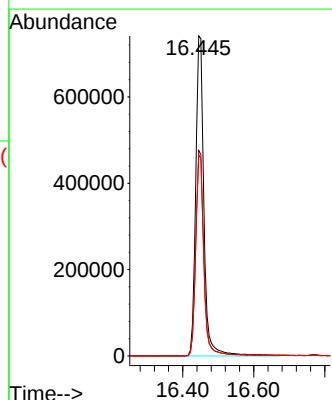
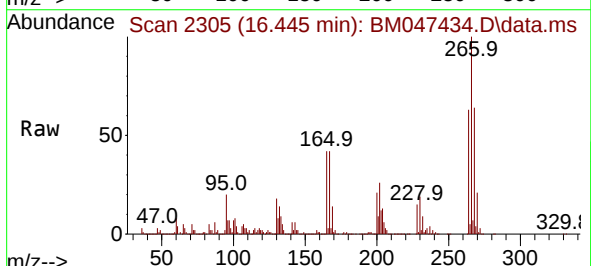
Tgt Ion:266 Resp: 1192828

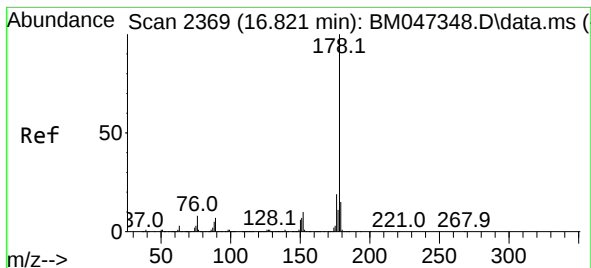
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 62.8 51.9 77.9





#71

Phenanthrene

Concen: 44.050 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

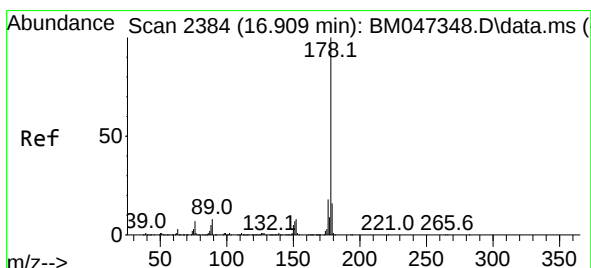
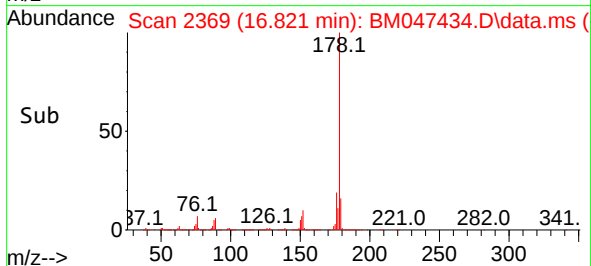
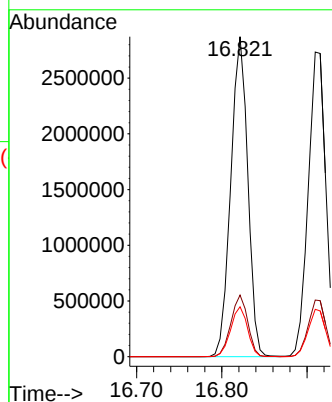
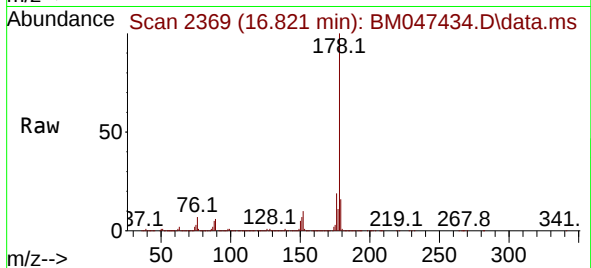
Tgt Ion:178 Resp: 3986491

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 44.738 ng

RT: 16.910 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

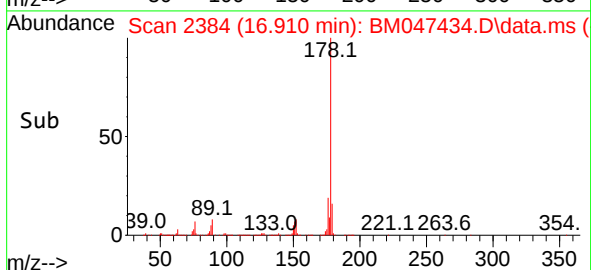
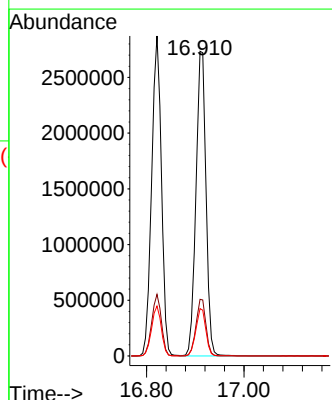
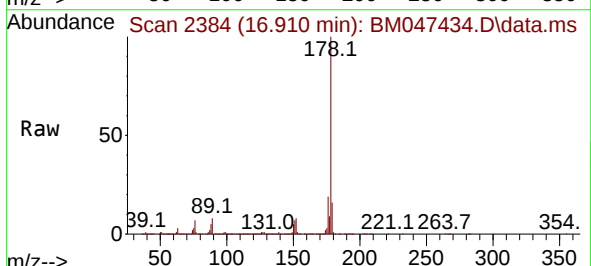
Tgt Ion:178 Resp: 3946856

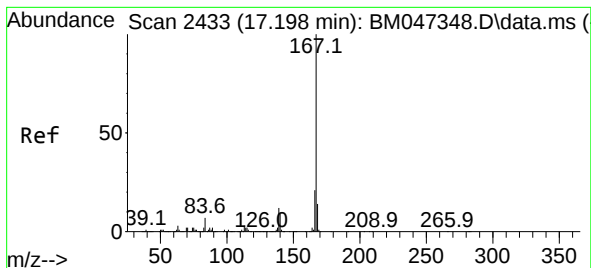
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.6 12.6 18.8





#73

Carbazole

Concen: 44.069 ng

RT: 17.198 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

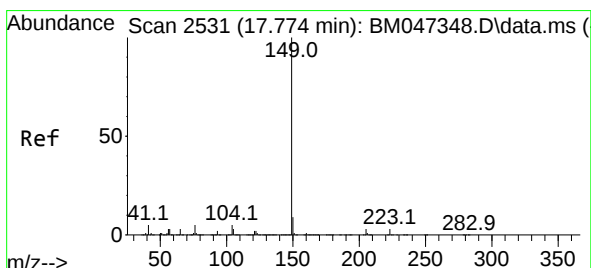
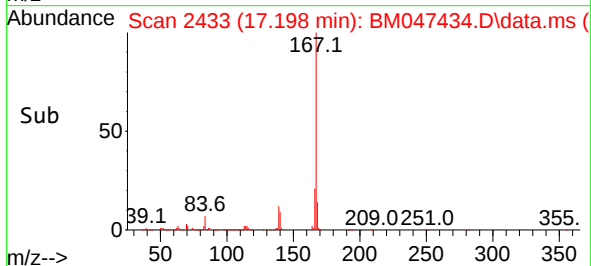
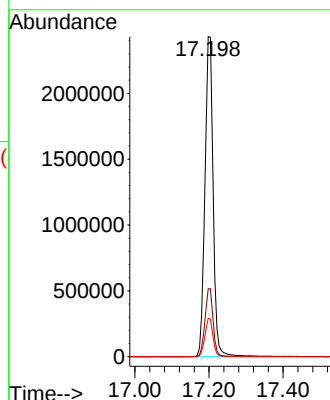
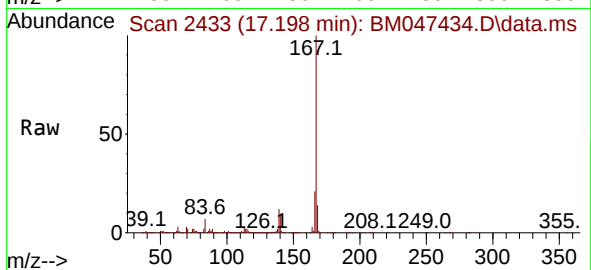
Tgt Ion:167 Resp: 3730791

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 12.0 9.5 14.3



#74

Di-n-butylphthalate

Concen: 44.314 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

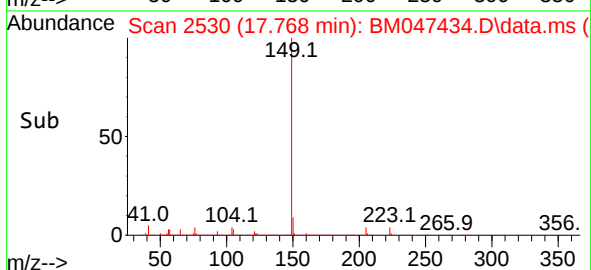
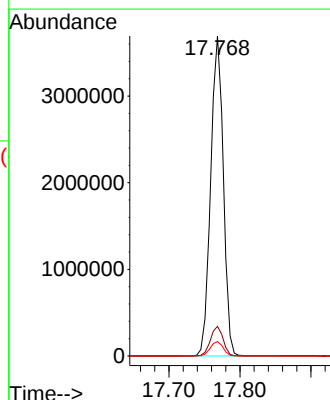
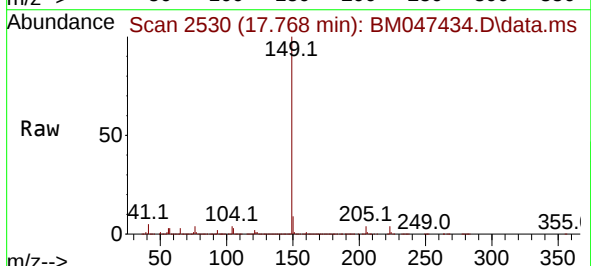
Tgt Ion:149 Resp: 4568250

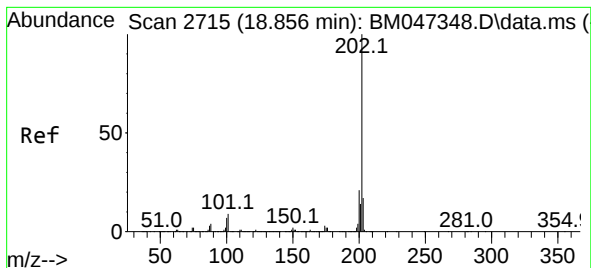
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.5 3.8 5.6

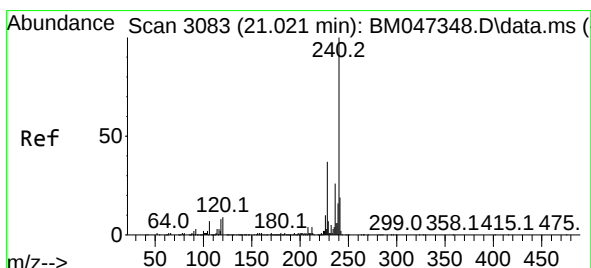
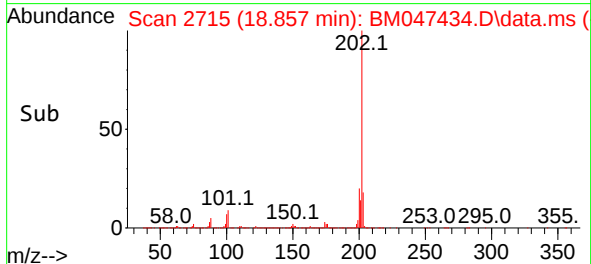
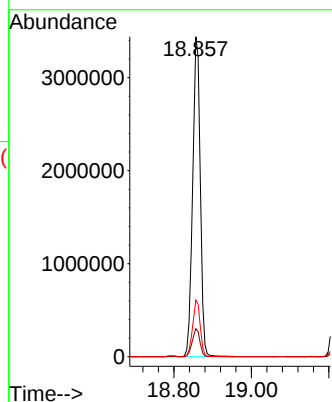
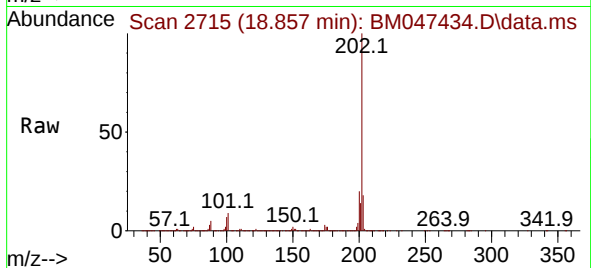




#75
Fluoranthene
Concen: 44.092 ng
RT: 18.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

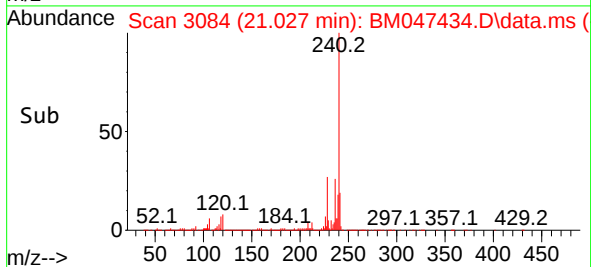
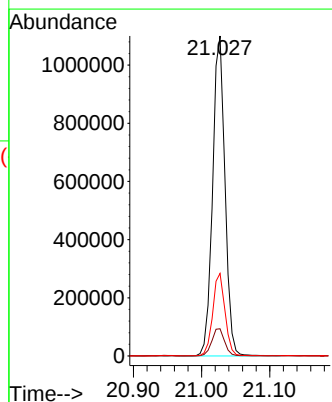
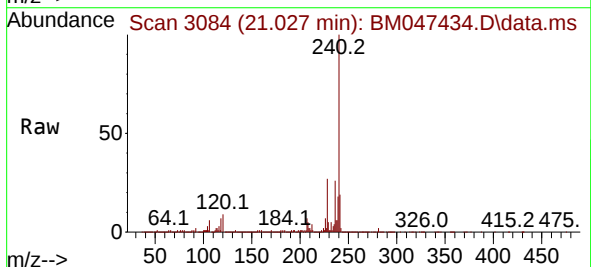
Instrument :
BNA_M
ClientSampleId :
PB163106BS

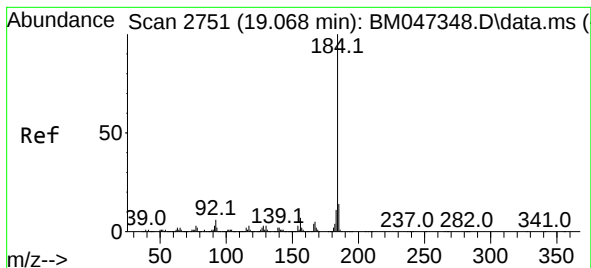
Tgt Ion:202 Resp: 4685325
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.0
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BM047434.D
Acq: 04 Sep 2024 11:50

Tgt Ion:240 Resp: 1391196
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 25.8 20.8 31.2





#77

Benzidine

Concen: 15.834 ng

RT: 19.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

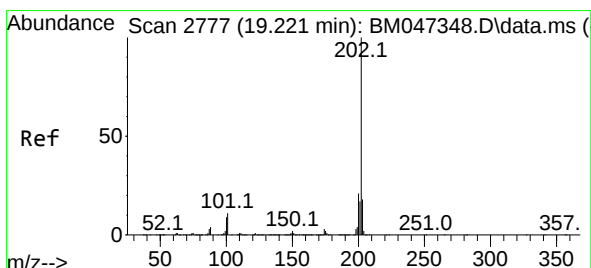
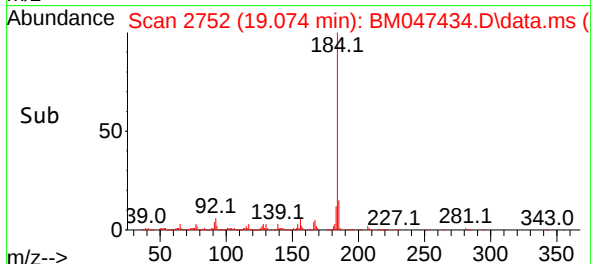
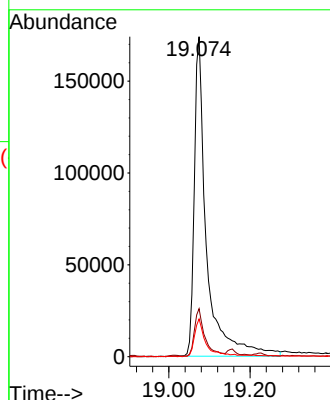
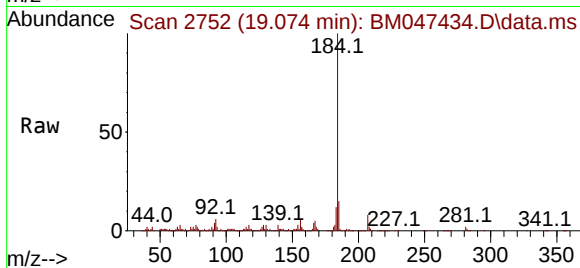
Tgt Ion:184 Resp: 367704

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 11.8 9.2 13.8



#78

Pyrene

Concen: 44.696 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

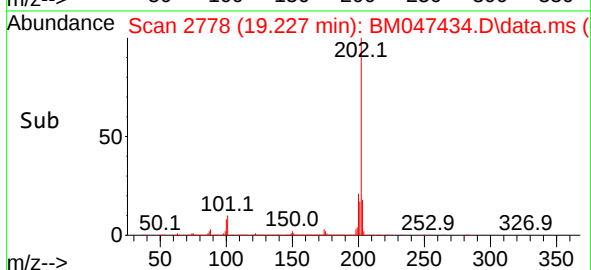
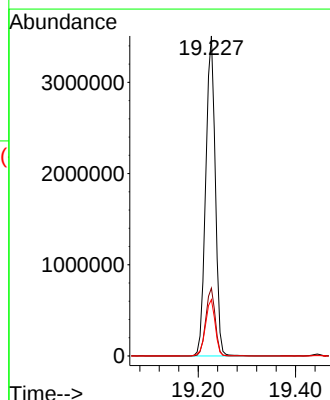
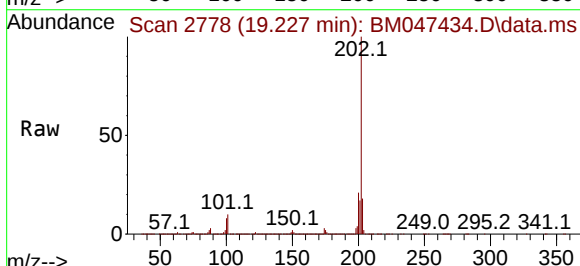
Tgt Ion:202 Resp: 4769059

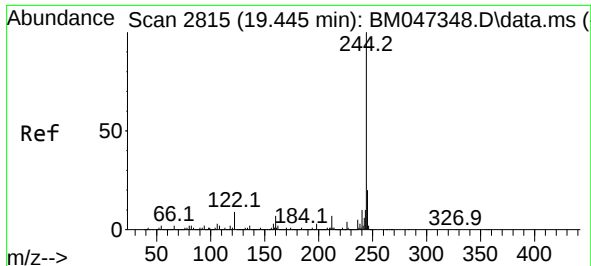
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 17.6 14.2 21.4

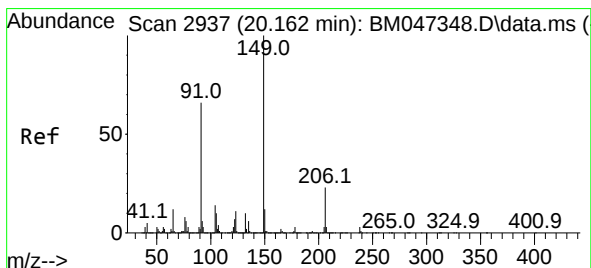
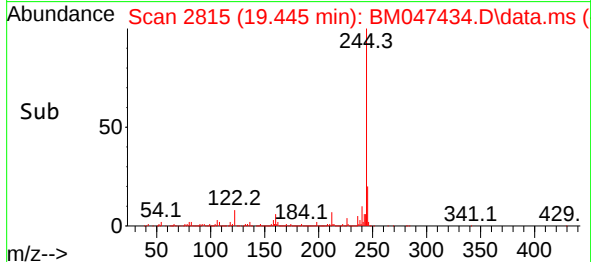
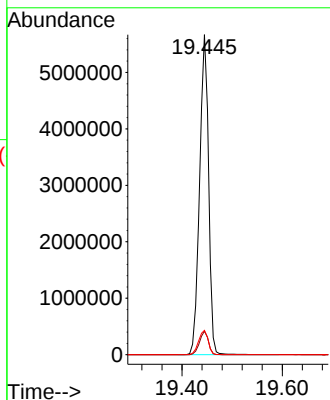
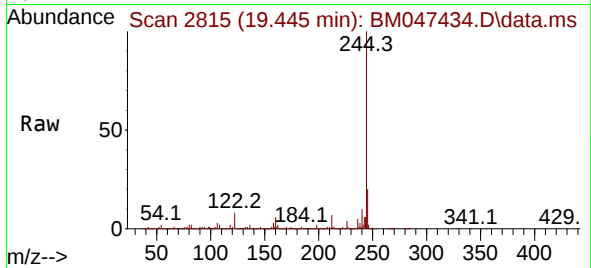




#79
 Terphenyl-d14
 Concen: 89.856 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047434.D
 Acq: 04 Sep 2024 11:50

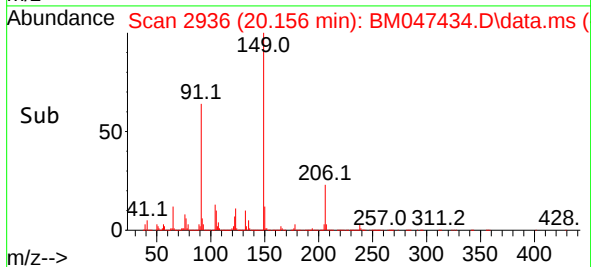
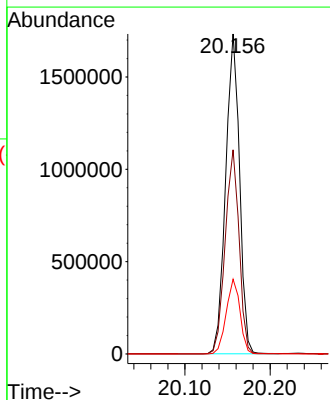
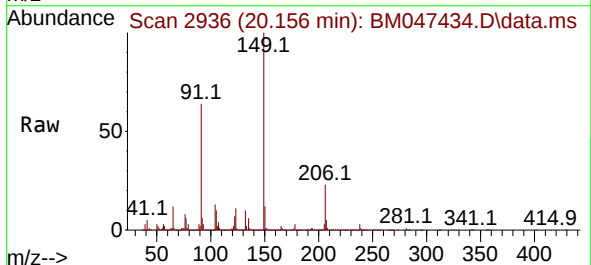
Instrument :
 BNA_M
 ClientSampleId :
 PB163106BS

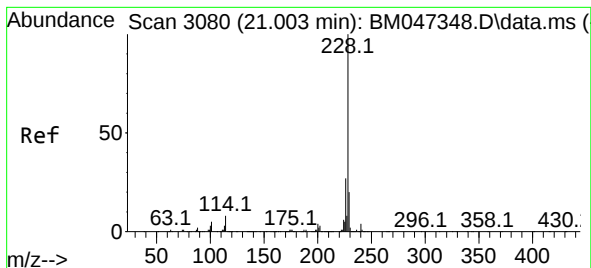
Tgt Ion:244 Resp: 7023063
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.6 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 46.872 ng
 RT: 20.156 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM047434.D
 Acq: 04 Sep 2024 11:50

Tgt Ion:149 Resp: 1957096
 Ion Ratio Lower Upper
 149 100
 91 63.8 52.6 79.0
 206 23.3 18.2 27.2





#81

Benzo(a)anthracene

Concen: 45.163 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

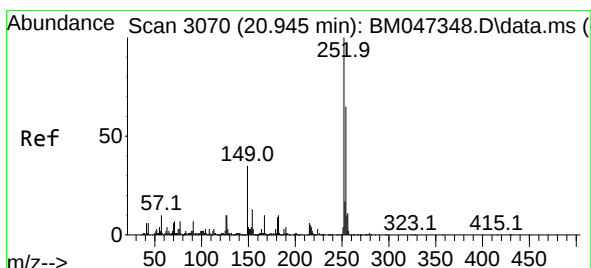
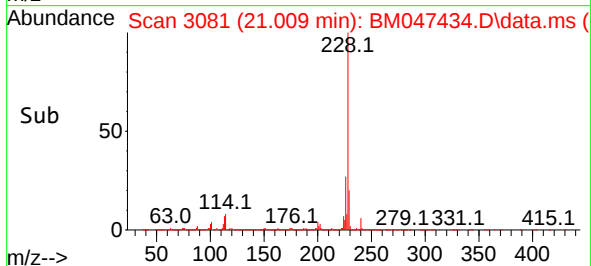
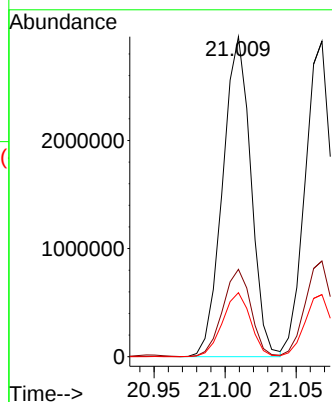
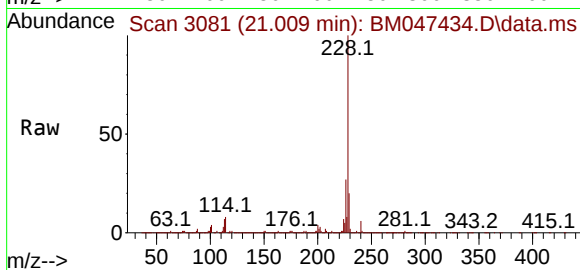
Tgt Ion:228 Resp: 4097434

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.657 ng

RT: 20.951 min Scan# 3071

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

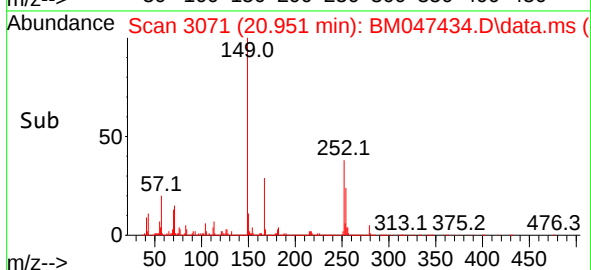
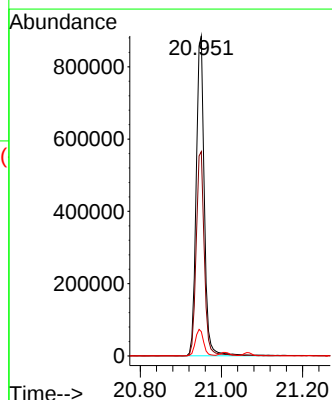
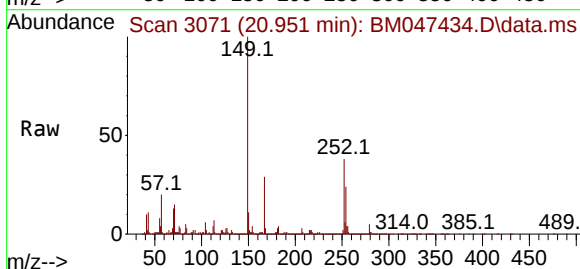
Tgt Ion:252 Resp: 1240781

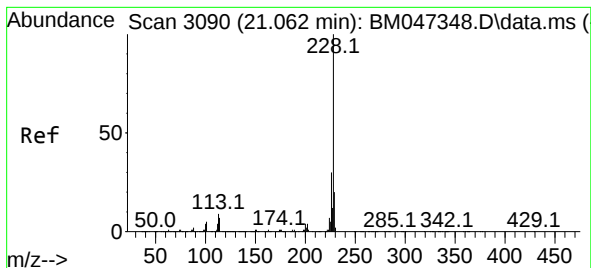
Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

126 7.6 7.9 11.9#





#83

Chrysene

Concen: 44.718 ng

RT: 21.068 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

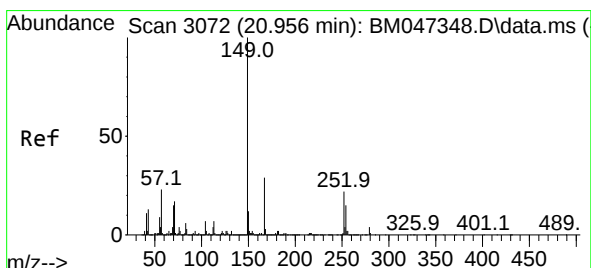
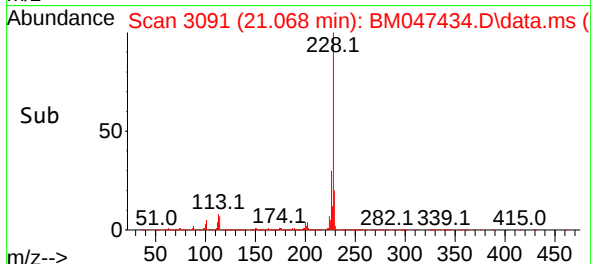
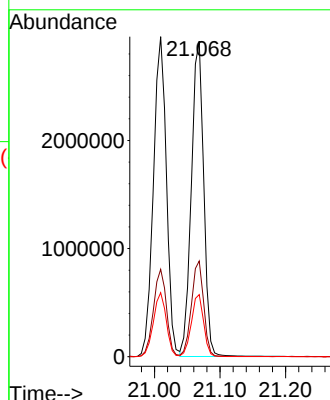
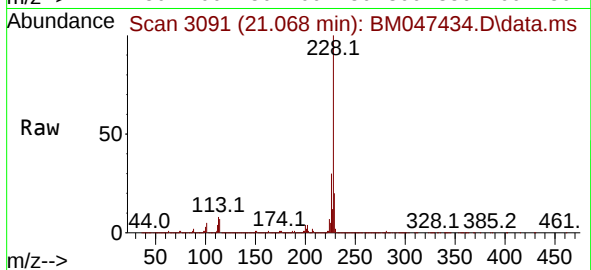
Tgt Ion:228 Resp: 3816286

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.776 ng

RT: 20.951 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

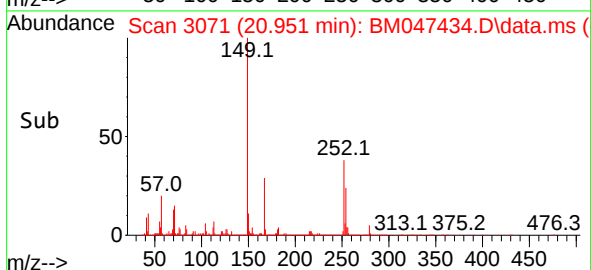
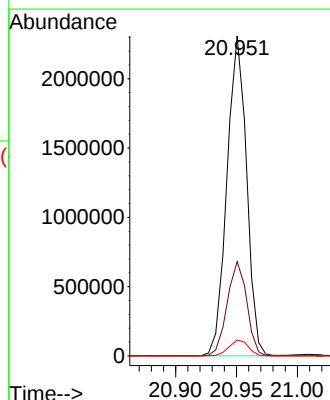
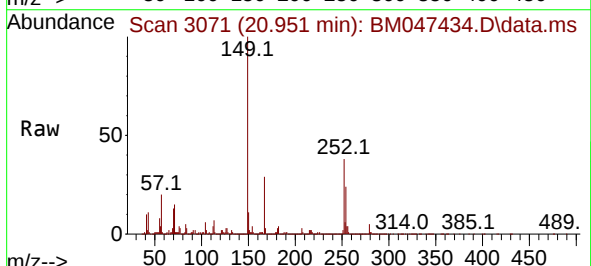
Tgt Ion:149 Resp: 2583406

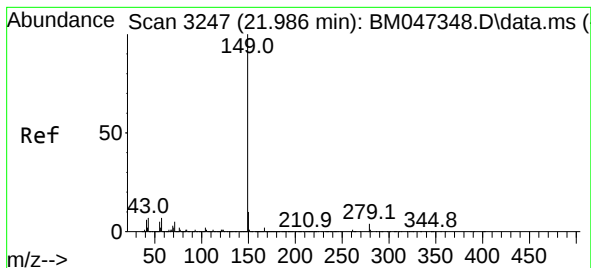
Ion Ratio Lower Upper

149 100

167 29.5 23.1 34.7

279 5.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 44.710 ng

RT: 21.980 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

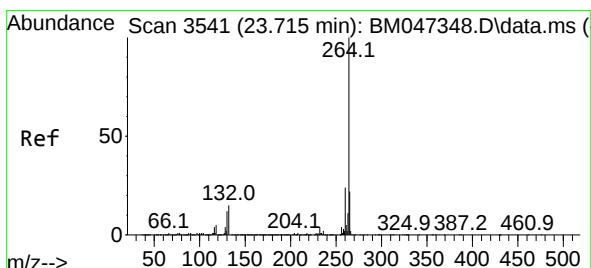
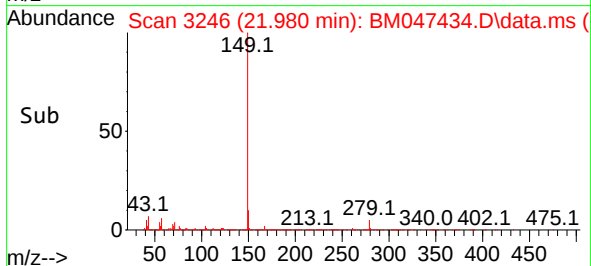
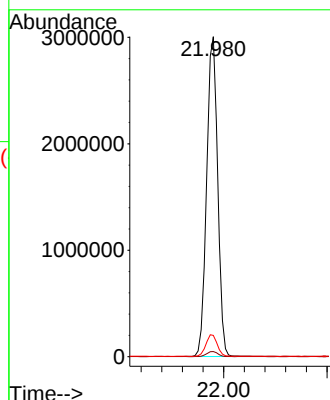
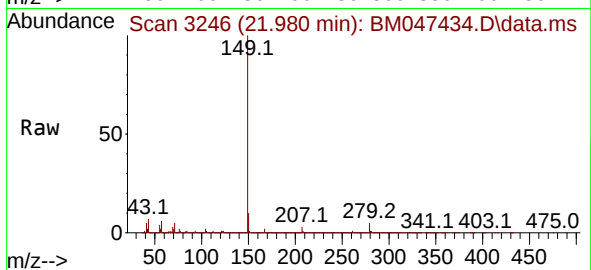
Tgt Ion:149 Resp: 4440989

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.9 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3543

Delta R.T. 0.012 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

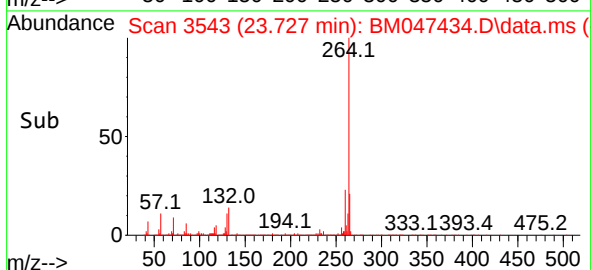
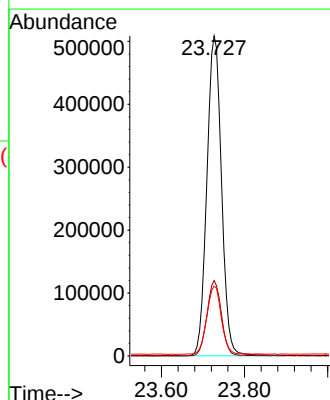
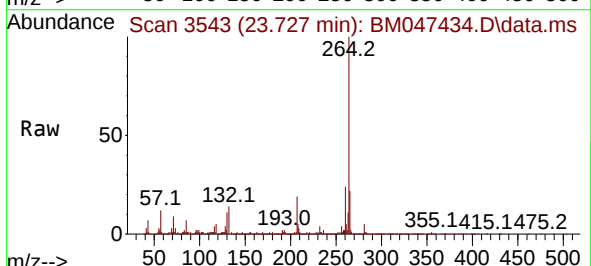
Tgt Ion:264 Resp: 1244257

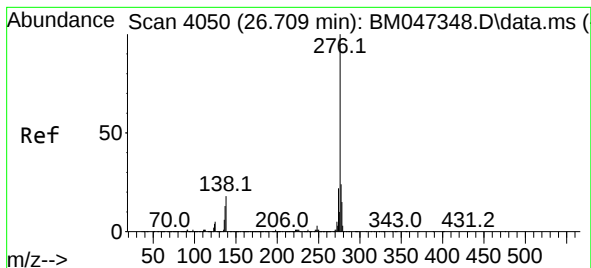
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.993 ng

RT: 26.756 min Scan# 40

Delta R.T. 0.047 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

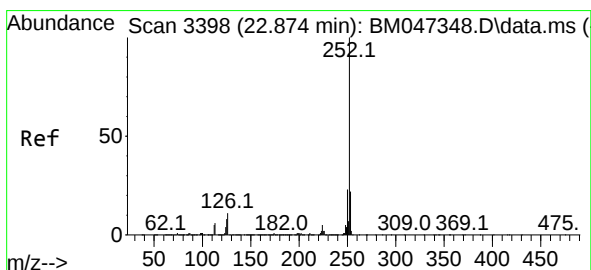
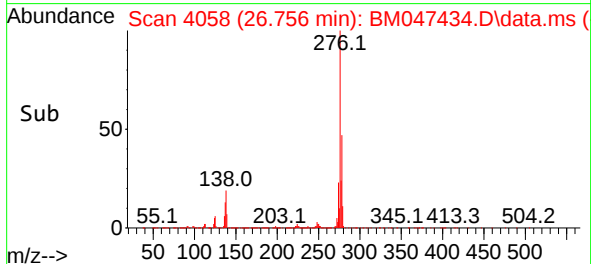
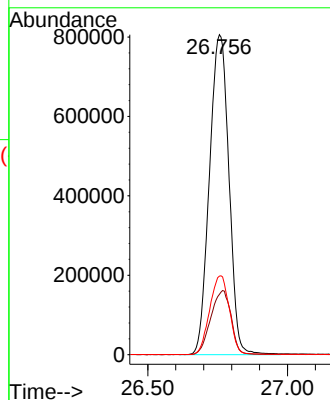
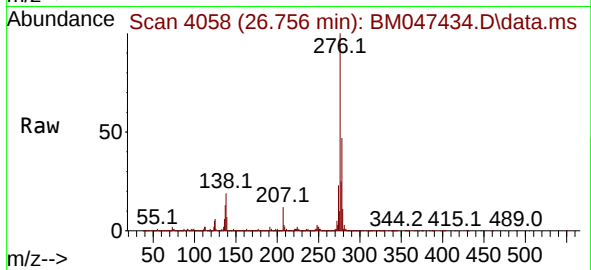
Tgt Ion:276 Resp: 3893979

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.787 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

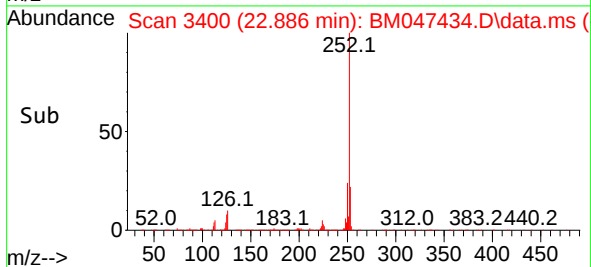
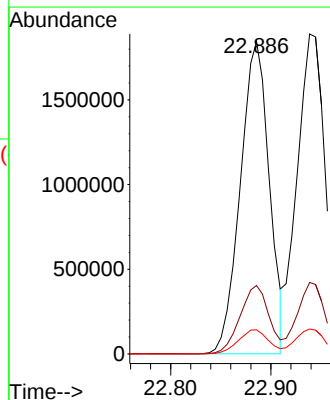
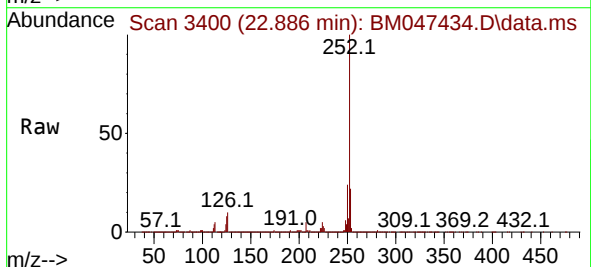
Tgt Ion:252 Resp: 3686725

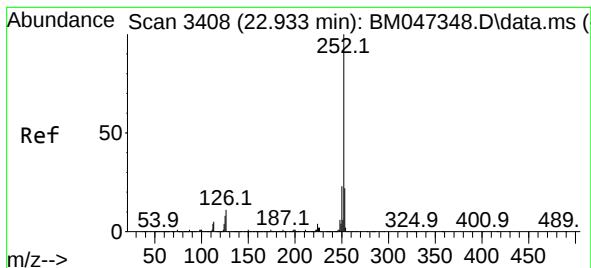
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.7 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 53.795 ng

RT: 22.939 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

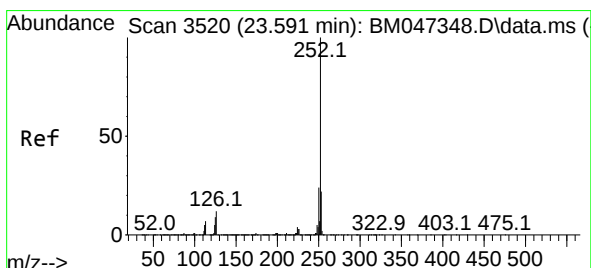
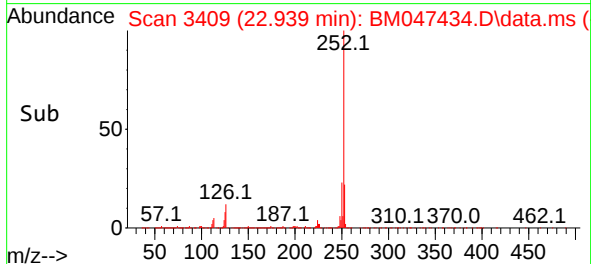
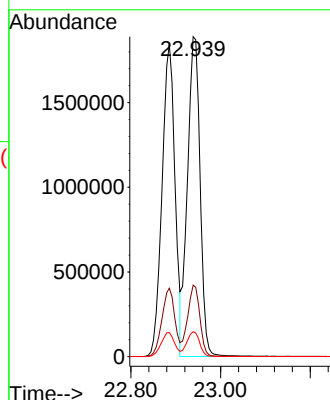
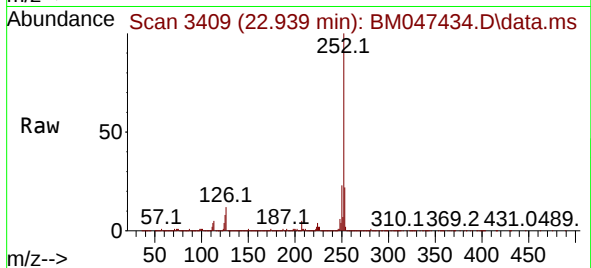
Tgt Ion:252 Resp: 3701960

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 7.8 6.6 9.8



#90

Benzo(a)pyrene

Concen: 53.124 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

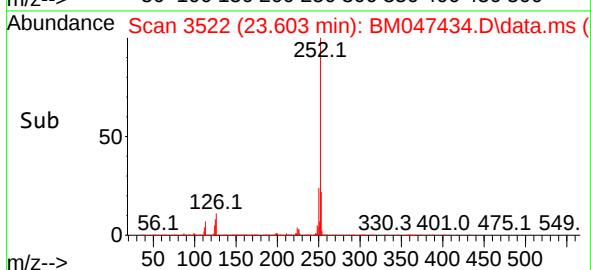
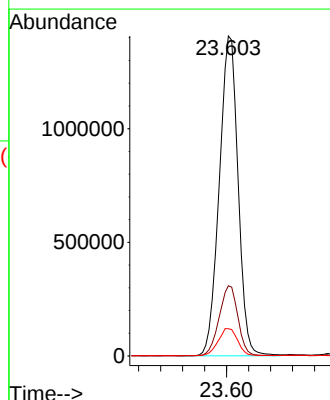
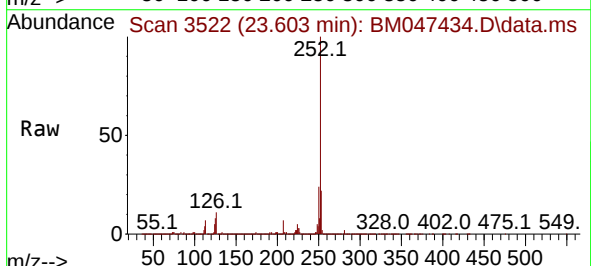
Tgt Ion:252 Resp: 3334980

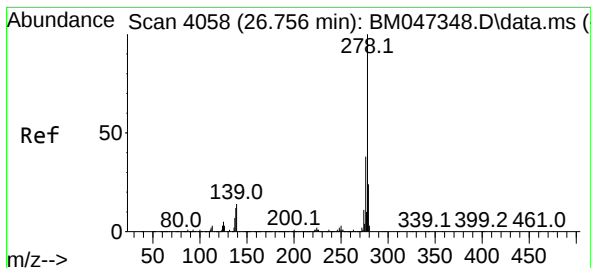
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.5 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 50.190 ng

RT: 26.785 min Scan# 40

Delta R.T. 0.030 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB163106BS

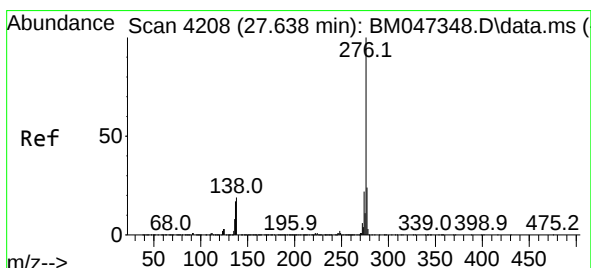
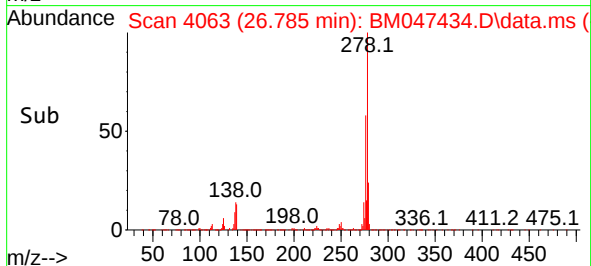
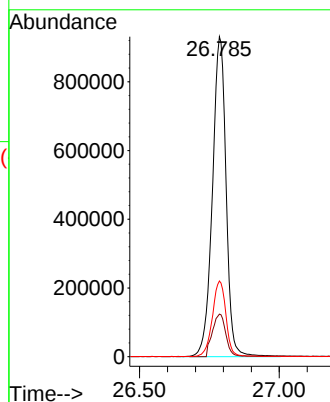
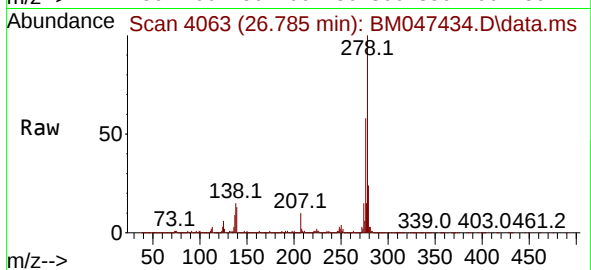
Tgt Ion:278 Resp: 3167036

Ion Ratio Lower Upper

278 100

139 13.3 11.1 16.7

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 47.367 ng

RT: 27.691 min Scan# 4217

Delta R.T. 0.053 min

Lab File: BM047434.D

Acq: 04 Sep 2024 11:50

Tgt Ion:276 Resp: 3107259

Ion Ratio Lower Upper

276 100

277 22.8 19.4 29.0

138 17.5 15.0 22.6

