

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047436.D
 Acq On : 04 Sep 2024 13:20
 Operator : RC/JU
 Sample : PB163146BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163146BS

Quant Time: Sep 04 13:59:55 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	358276	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	1310710	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	815857	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1526857	20.000	ng	0.00
76) Chrysene-d12	21.021	240	948115	20.000	ng	0.00
86) Perylene-d12	23.727	264	874818	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2198454	117.727	ng	0.00
7) Phenol-d6	6.575	99	2783839	109.431	ng	0.00
23) Nitrobenzene-d5	8.498	82	1808529	76.560	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1075105	109.223	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	4216665	79.412	ng	0.00
79) Terphenyl-d14	19.445	244	4885519	91.719	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	208944	27.336	ng	96
3) Pyridine	3.393	79	522205	24.616	ng	99
4) n-Nitrosodimethylamine	3.316	42	331511	38.370	ng	93
6) Aniline	6.698	93	514992	22.352	ng	100
8) 2-Chlorophenol	6.928	128	915883	43.819	ng	98
9) Benzaldehyde	6.516	77	118841	6.144	ng	99
10) Phenol	6.598	94	1034183	41.320	ng	100
11) bis(2-Chloroethyl)ether	6.798	93	853954	39.371	ng	98
12) 1,3-Dichlorobenzene	7.228	146	1011045	39.557	ng	99
13) 1,4-Dichlorobenzene	7.375	146	1015396	39.227	ng	100
14) 1,2-Dichlorobenzene	7.687	146	995384	40.577	ng	99
15) Benzyl Alcohol	7.604	79	779481	44.197	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.863	45	982535	37.780	ng	99
17) 2-Methylphenol	7.816	107	710195	40.841	ng	98
18) Hexachloroethane	8.386	117	383135	39.594	ng	97
19) n-Nitroso-di-n-propyla...	8.157	70	614038	35.114	ng	98
20) 3+4-Methylphenols	8.145	107	948936	39.249	ng	97
22) Acetophenone	8.169	105	1146246	37.682	ng	# 99
24) Nitrobenzene	8.539	77	941285	38.744	ng	97
25) Isophorone	9.063	82	1732680	38.809	ng	99
26) 2-Nitrophenol	9.239	139	530882	44.424	ng	95
27) 2,4-Dimethylphenol	9.322	122	626313	46.431	ng	99
28) bis(2-Chloroethoxy)met...	9.539	93	1079377	39.480	ng	99
29) 2,4-Dichlorophenol	9.781	162	944247	45.125	ng	99
30) 1,2,4-Trichlorobenzene	9.969	180	1008457	41.725	ng	98
31) Naphthalene	10.145	128	2568913	40.128	ng	100
32) Benzoic acid	9.563	122	564539	35.048	ng	96
33) 4-Chloroaniline	10.286	127	585149	24.583	ng	98
34) Hexachlorobutadiene	10.422	225	639295	42.353	ng	99
35) Caprolactam	11.116	113	238951	35.251	ng	96
36) 4-Chloro-3-methylphenol	11.451	107	843801	39.709	ng	100
37) 2-Methylnaphthalene	11.775	142	1834180	39.295	ng	99
38) 1-Methylnaphthalene	11.998	142	1696781	36.755	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	1020418	42.238	ng	99
41) Hexachlorocyclopentadiene	12.122	237	665965	87.343	ng	99
43) 2,4,6-Trichlorophenol	12.427	196	745194	44.996	ng	99

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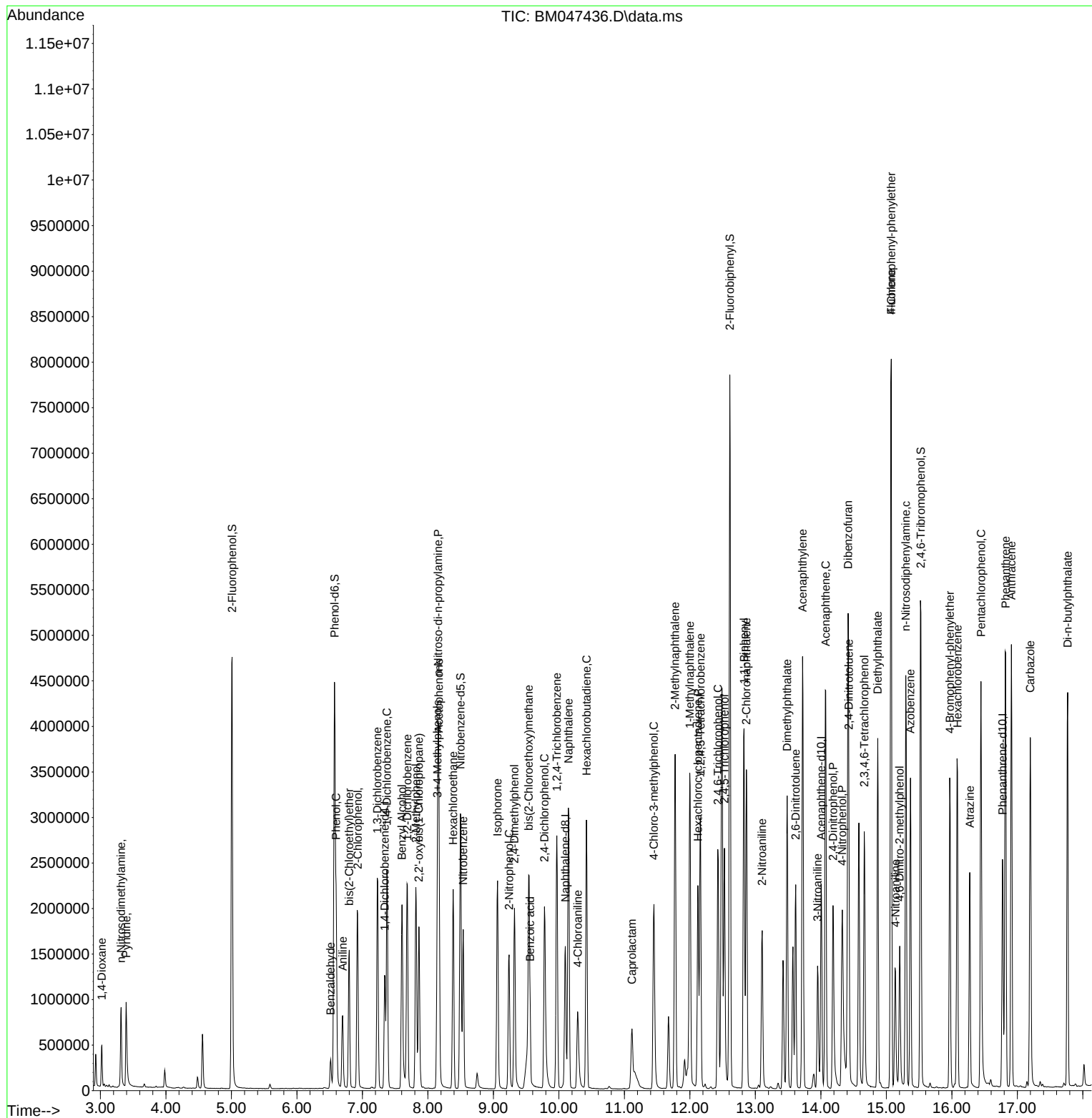
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	744168	40.460	ng	99
46) 1,1'-Biphenyl	12.827	154	2203196	38.675	ng	100
47) 2-Chloronaphthalene	12.863	162	1821610	40.804	ng	100
48) 2-Nitroaniline	13.104	65	509091	40.710	ng	96
49) Acenaphthylene	13.721	152	2849677	43.920	ng	100
50) Dimethylphthalate	13.486	163	2284150	40.632	ng	100
51) 2,6-Dinitrotoluene	13.616	165	525211	40.127	ng	97
52) Acenaphthene	14.074	154	1667894	40.494	ng	99
53) 3-Nitroaniline	13.951	138	395919	32.781	ng	98
54) 2,4-Dinitrophenol	14.186	184	623333	77.332	ng	94
55) Dibenzofuran	14.416	168	2731304	41.169	ng	99
56) 4-Nitrophenol	14.327	139	635497	67.313	ng	100
57) 2,4-Dinitrotoluene	14.427	165	658279	38.851	ng	# 86
58) Fluorene	15.074	166	2110175	39.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	638173	42.243	ng	98
60) Diethylphthalate	14.868	149	2132081	38.449	ng	100
61) 4-Chlorophenyl-phenyle...	15.074	204	1111131	40.680	ng	97
62) 4-Nitroaniline	15.139	138	416645	37.291	ng	97
63) Azobenzene	15.368	77	1859775	38.514	ng	98
65) 4,6-Dinitro-2-methylph...	15.204	198	419413	44.755	ng	99
66) n-Nitrosodiphenylamine	15.298	169	1835490	43.933	ng	99
67) 4-Bromophenyl-phenylether	15.968	248	704584	43.742	ng	98
68) Hexachlorobenzene	16.086	284	794227	42.691	ng	96
69) Atrazine	16.274	200	479184	35.089	ng	99
70) Pentachlorophenol	16.445	266	913540	75.950	ng	99
71) Phenanthrene	16.821	178	3126720	42.167	ng	100
72) Anthracene	16.909	178	3122166	43.193	ng	100
73) Carbazole	17.198	167	2812178	40.542	ng	100
74) Di-n-butylphthalate	17.768	149	3349170	39.652	ng	100
75) Fluoranthene	18.856	202	3348820	38.463	ng	100
77) Benzidine	19.074	184	274586	17.350	ng	99
78) Pyrene	19.221	202	3420853	47.043	ng	100
80) Butylbenzylphthalate	20.156	149	1288011	45.263	ng	96
81) Benzo(a)anthracene	21.003	228	2698566	43.645	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	793542	38.153	ng	99
83) Chrysene	21.062	228	2524455	43.404	ng	99
84) Bis(2-ethylhexyl)phtha...	20.950	149	1687541	41.959	ng	# 99
85) Di-n-octyl phthalate	21.974	149	2753555	40.677	ng	99
87) Indeno(1,2,3-cd)pyrene	26.750	276	2980432	54.424	ng	99
88) Benzo(b)fluoranthene	22.880	252	2459663	48.192	ng	99
89) Benzo(k)fluoranthene	22.933	252	2331346	48.185	ng	100
90) Benzo(a)pyrene	23.603	252	2250401	50.986	ng	99
91) Dibenzo(a,h)anthracene	26.779	278	2415309	54.442	ng	99
92) Benzo(g,h,i)perylene	27.685	276	2446294	53.039	ng	99

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

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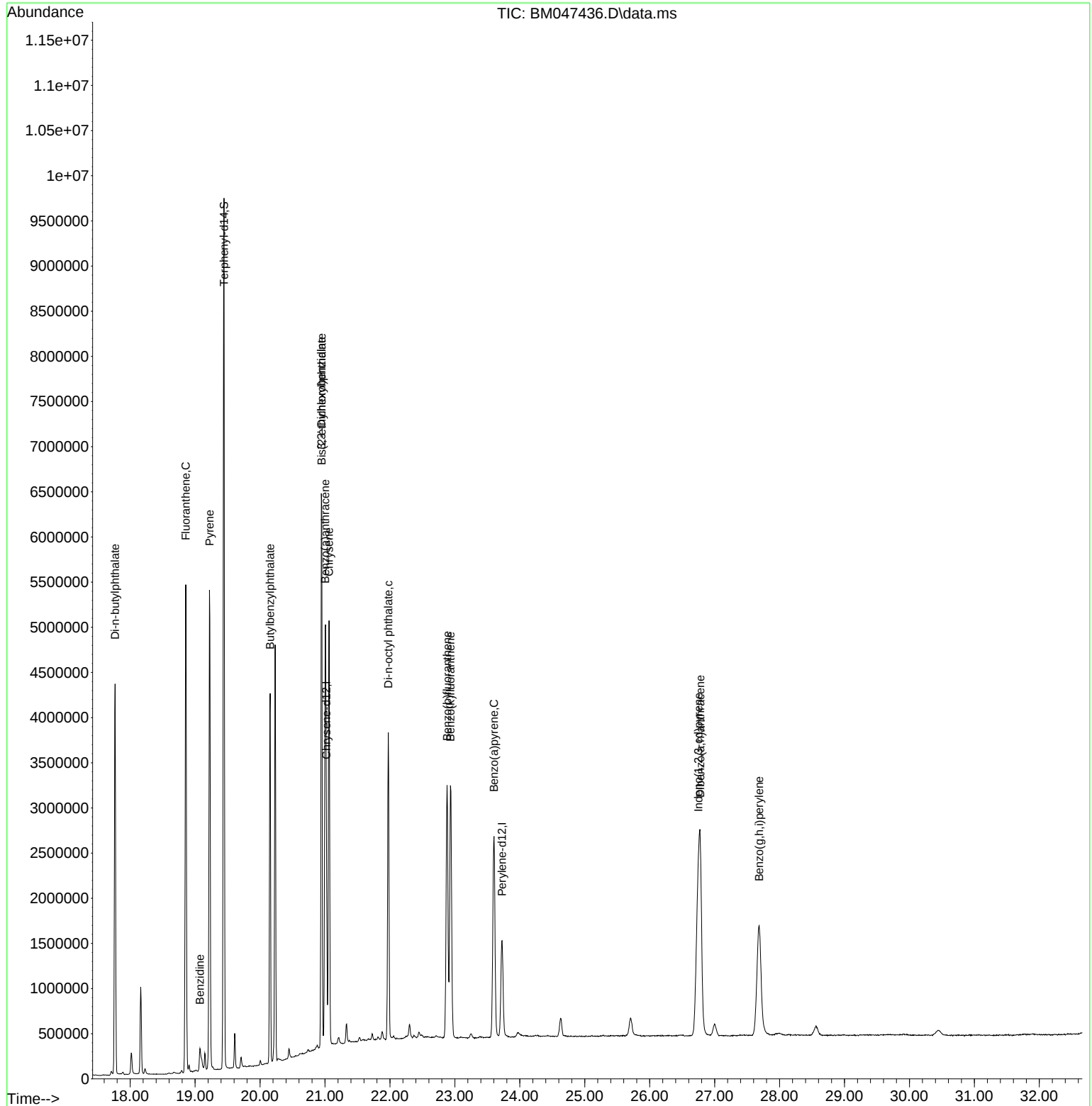
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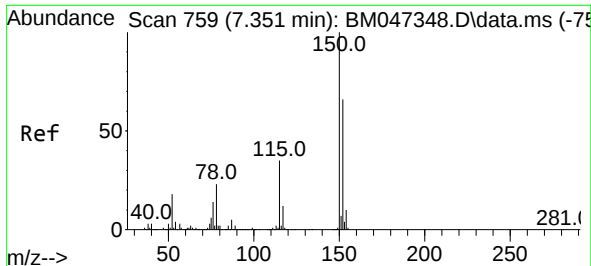


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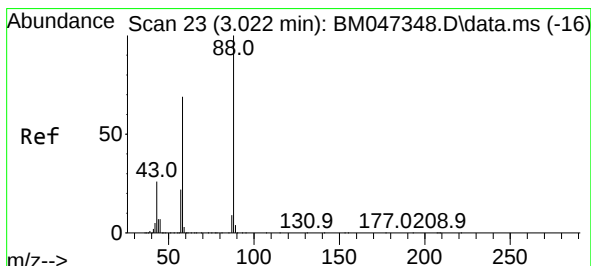
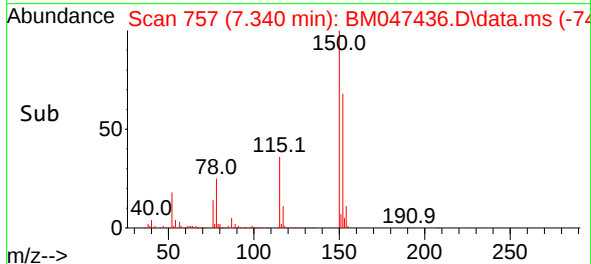
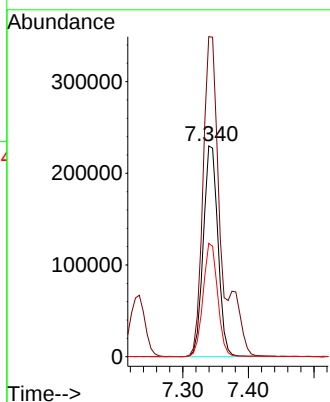
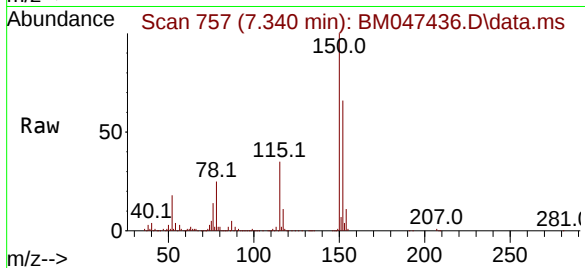




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 7
 Delta R.T. -0.011 min
 Lab File: BM047436.D
 Acq: 04 Sep 2024 13:20

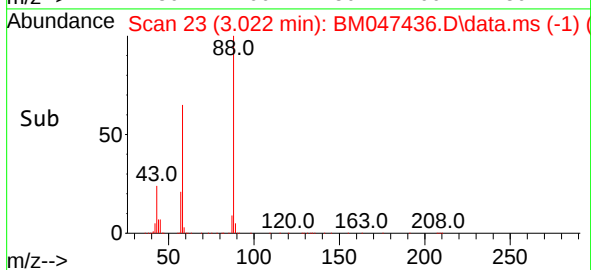
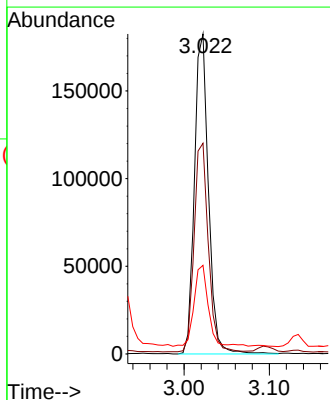
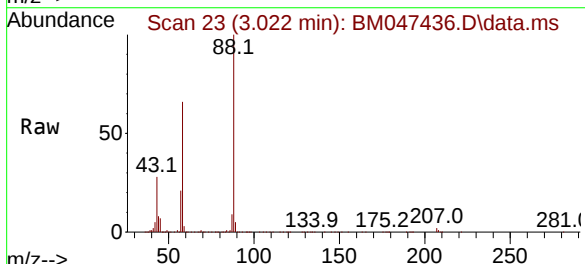
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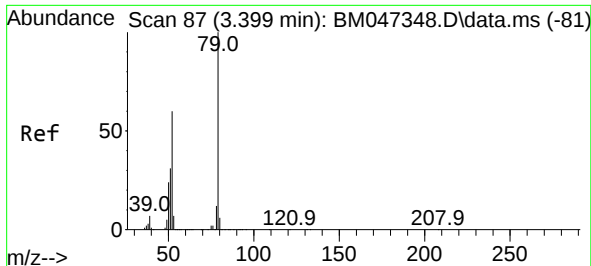
Tgt Ion:152 Resp: 358276
 Ion Ratio Lower Upper
 152 100
 150 151.9 121.3 181.9
 115 53.8 42.6 64.0



#2
 1,4-Dioxane
 Concen: 27.336 ng
 RT: 3.022 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BM047436.D
 Acq: 04 Sep 2024 13:20

Tgt Ion: 88 Resp: 208944
 Ion Ratio Lower Upper
 88 100
 58 65.7 55.4 83.0
 43 25.1 20.7 31.1

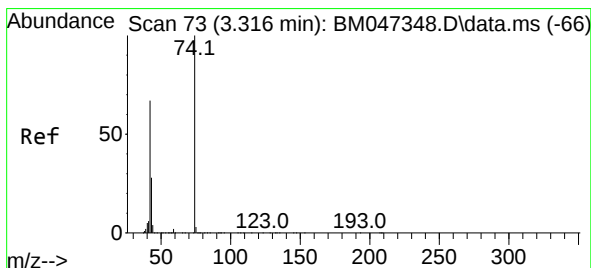
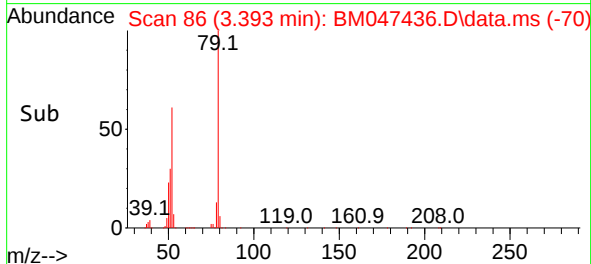
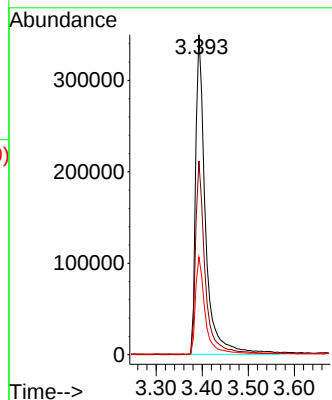
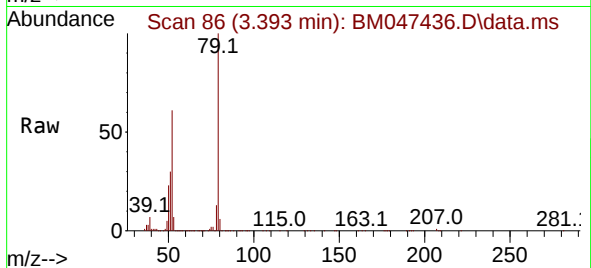




#3
 Pyridine
 Concen: 24.616 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM047436.D
 Acq: 04 Sep 2024 13:20

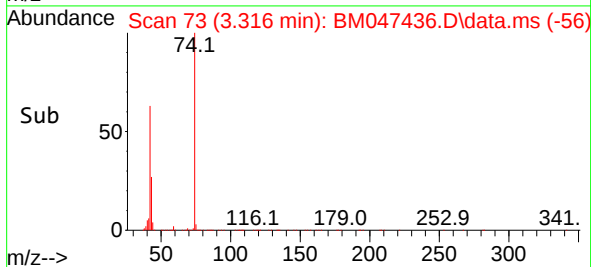
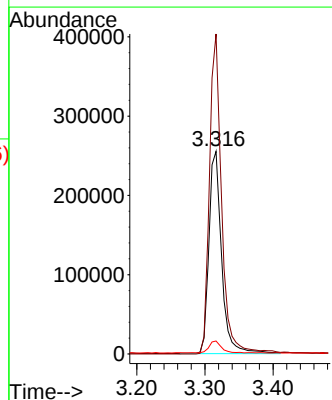
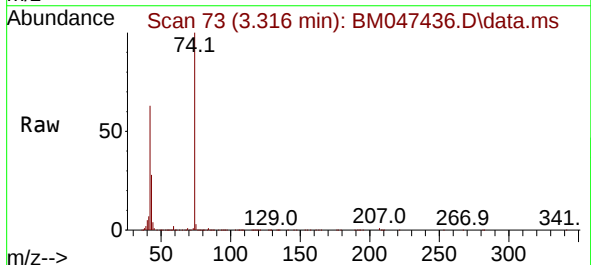
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Tgt Ion: 79 Resp: 522205
 Ion Ratio Lower Upper
 79 100
 52 60.6 47.8 71.6
 51 30.5 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 38.370 ng
 RT: 3.316 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM047436.D
 Acq: 04 Sep 2024 13:20

Tgt Ion: 42 Resp: 331511
 Ion Ratio Lower Upper
 42 100
 74 158.0 119.2 178.8
 44 6.4 5.2 7.8

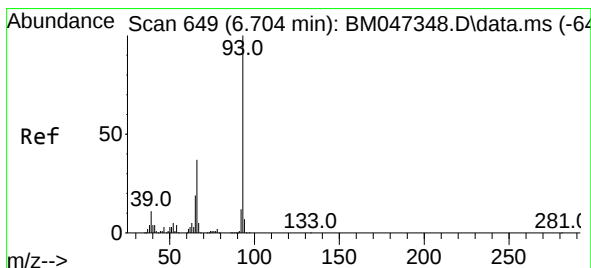
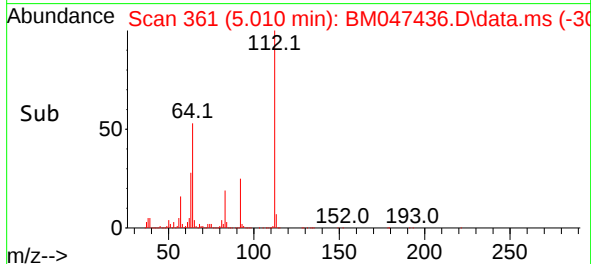
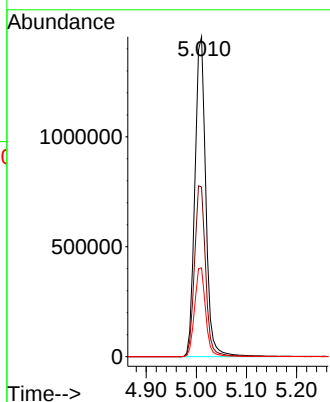
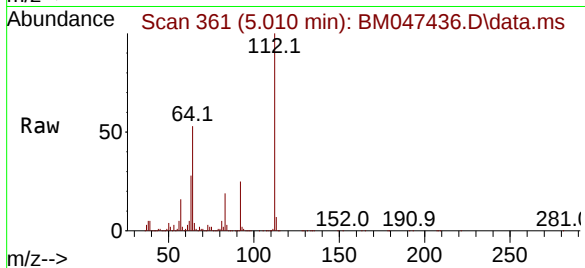




#5
2-Fluorophenol
Concen: 117.727 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047436.D
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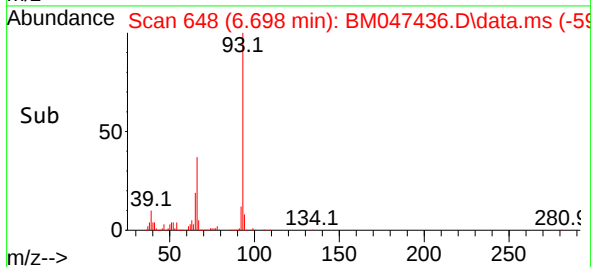
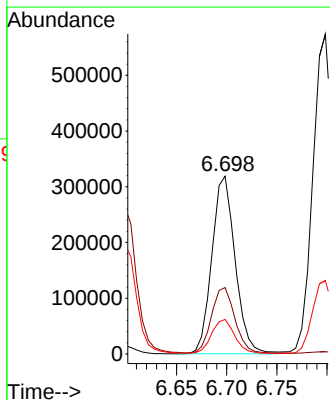
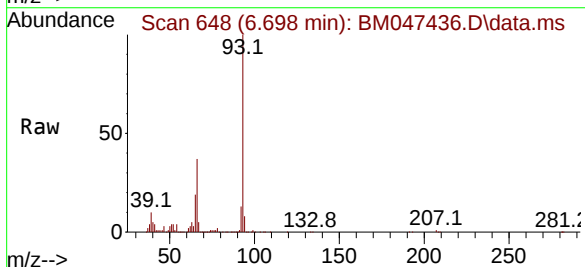
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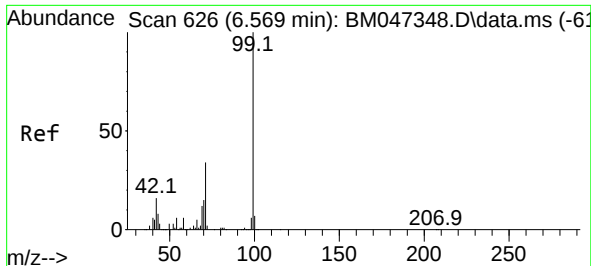
Tgt Ion:112 Resp: 2198454
Ion Ratio Lower Upper
112 100
64 53.0 45.7 68.5
63 27.8 23.8 35.8



#6
Aniline
Concen: 22.352 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion: 93 Resp: 514992
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.4 15.5 23.3



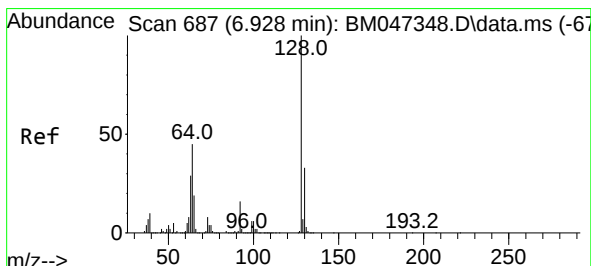
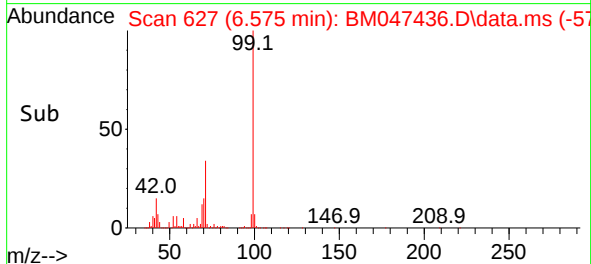
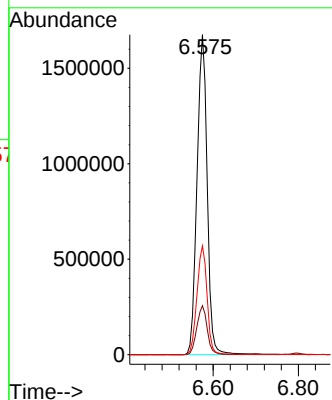
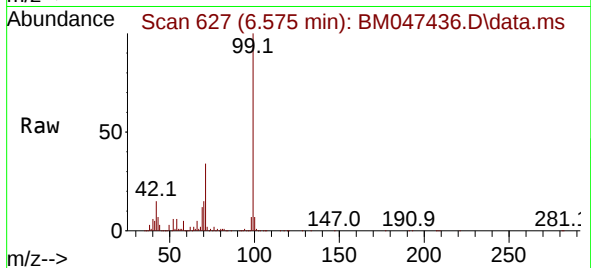


#7
Phenol-d6
Concen: 109.431 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
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Tgt Ion: 99 Resp: 2783839

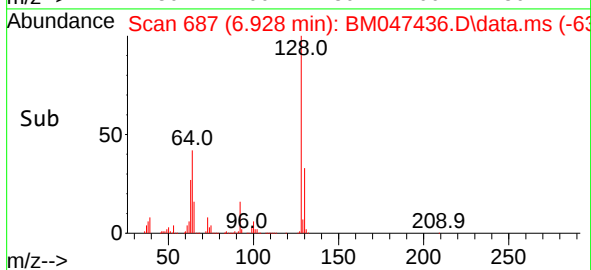
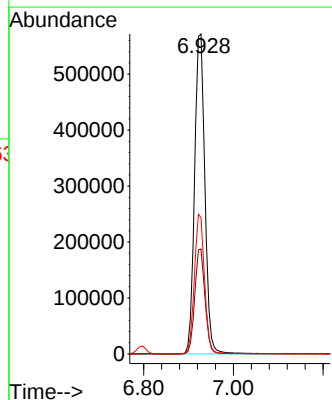
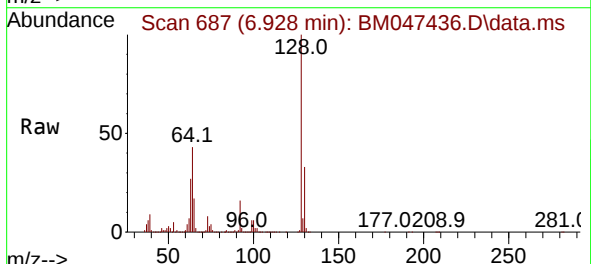
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.0	19.4
71	34.0	27.5	41.3

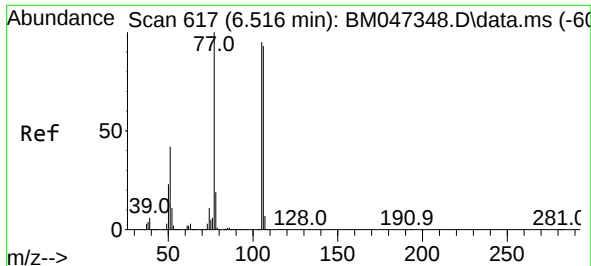


#8
2-Chlorophenol
Concen: 43.819 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
Lab File: BM047436.D
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Tgt Ion:128 Resp: 915883

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	42.6	25.3	65.3

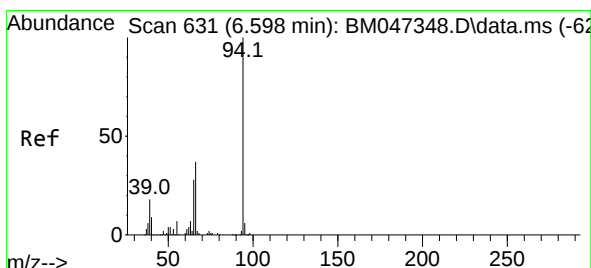
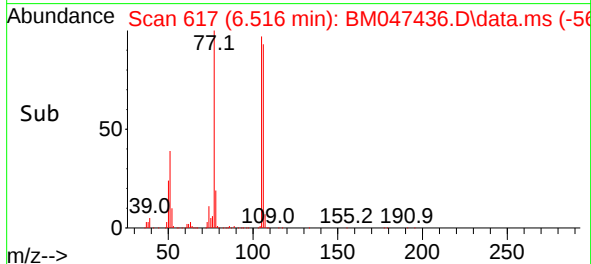
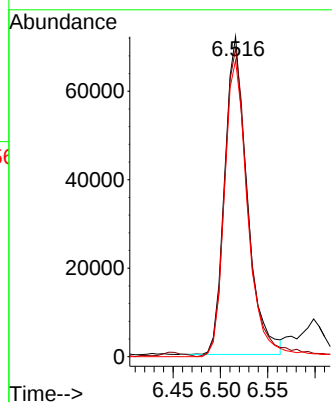
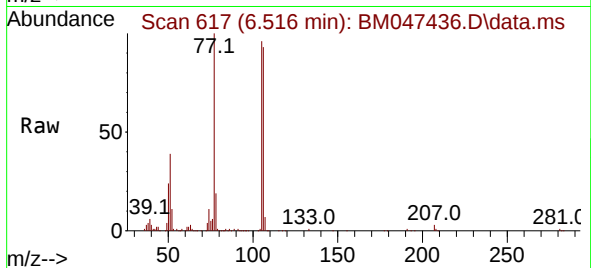




#9
Benzaldehyde
Concen: 6.144 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
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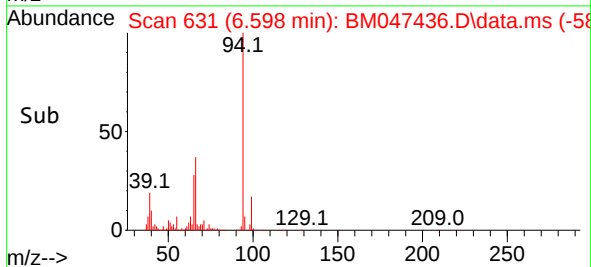
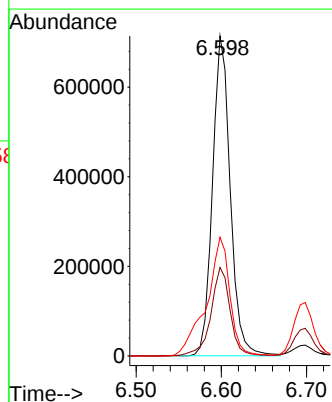
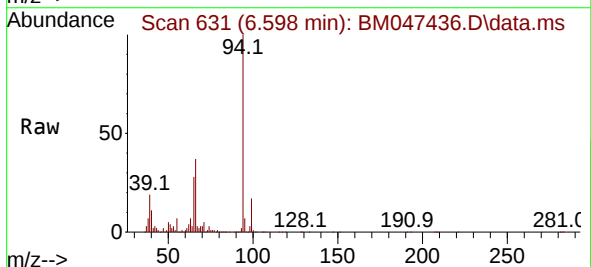
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ClientSampleId :
PB163146BS

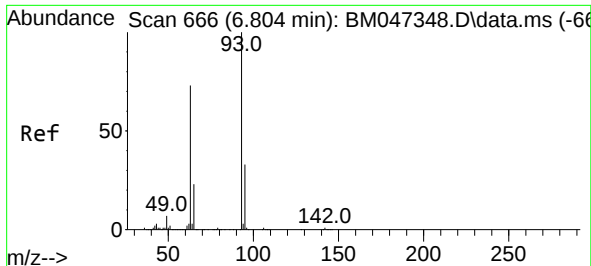
Tgt Ion: 77 Resp: 118841
Ion Ratio Lower Upper
77 100
105 96.3 74.9 114.9
106 92.6 72.6 112.6



#10
Phenol
Concen: 41.320 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion: 94 Resp: 1034183
Ion Ratio Lower Upper
94 100
65 27.6 7.9 47.9
66 37.1 17.3 57.3

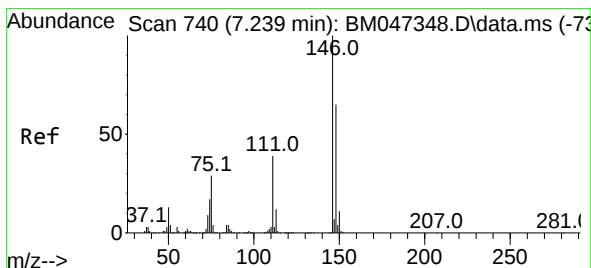
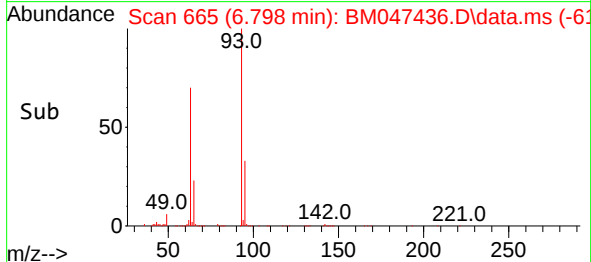
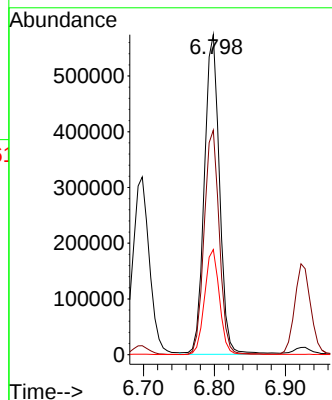
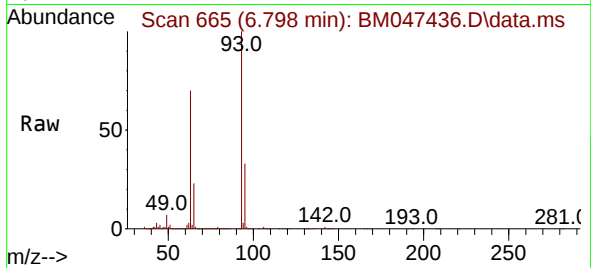




#11
bis(2-Chloroethyl)ether
Concen: 39.371 ng
RT: 6.798 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

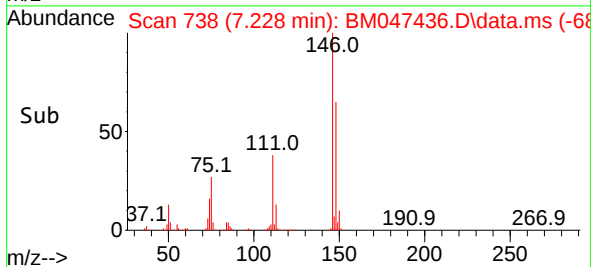
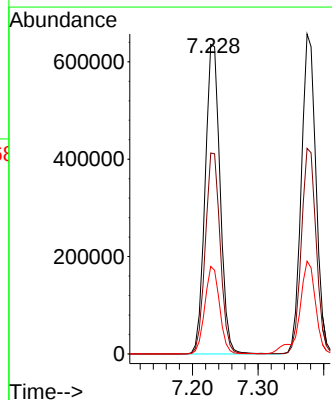
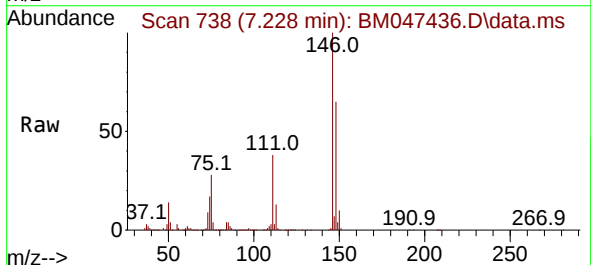
Instrument :
BNA_M
ClientSampleId :
PB163146BS

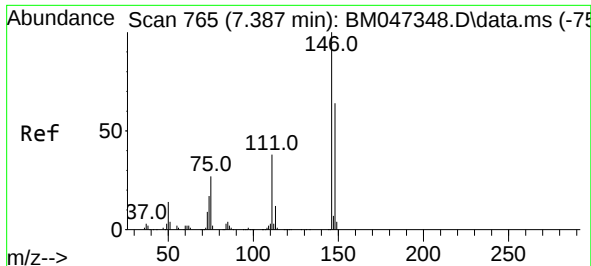
Tgt Ion: 93 Resp: 853954
Ion Ratio Lower Upper
93 100
63 70.2 52.2 92.2
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.557 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion: 146 Resp: 1011045
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
75 28.3 23.3 34.9

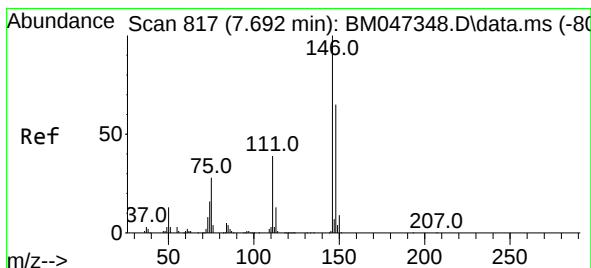
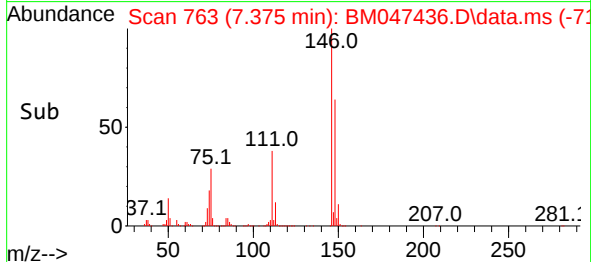
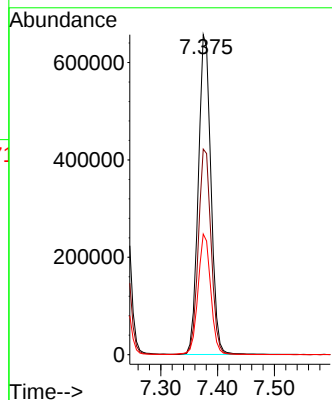
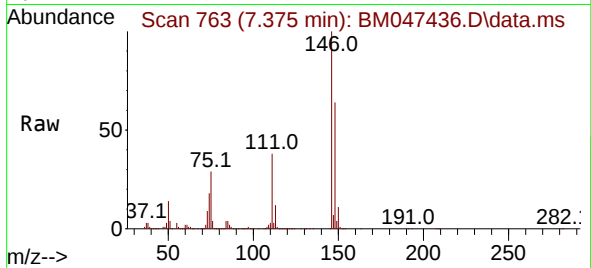




#13
1,4-Dichlorobenzene
Concen: 39.227 ng
RT: 7.375 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

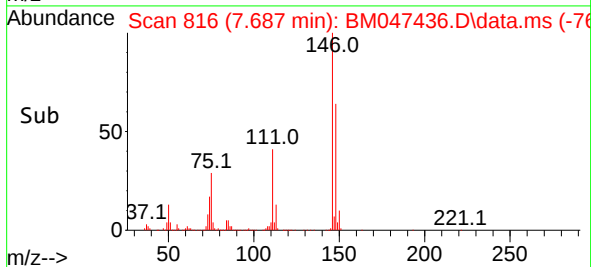
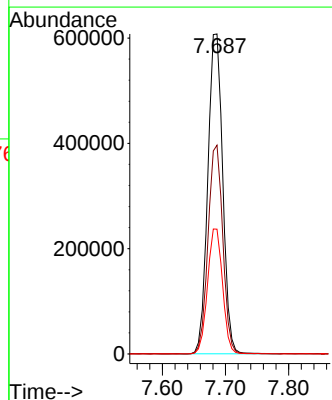
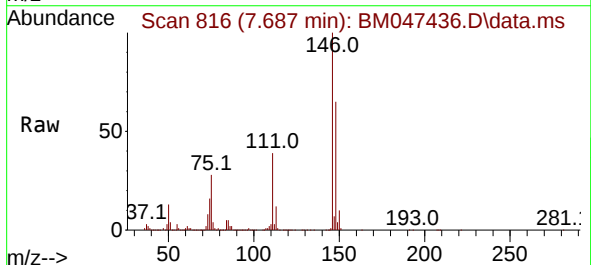
Instrument :
BNA_M
ClientSampleId :
PB163146BS

Tgt Ion:146 Resp: 1015396
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 37.7 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 40.577 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:146 Resp: 995384
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.6
111 39.0 31.7 47.5

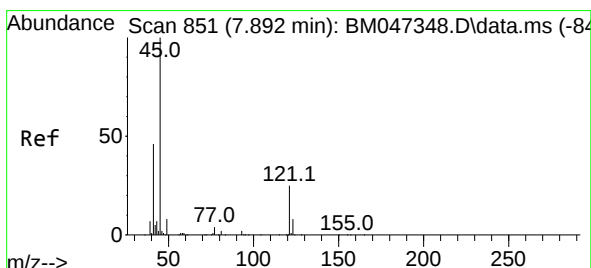
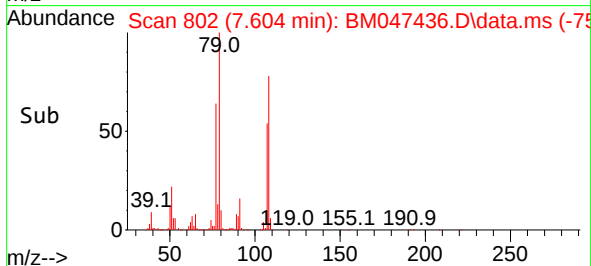
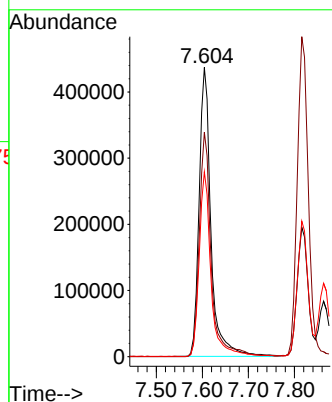
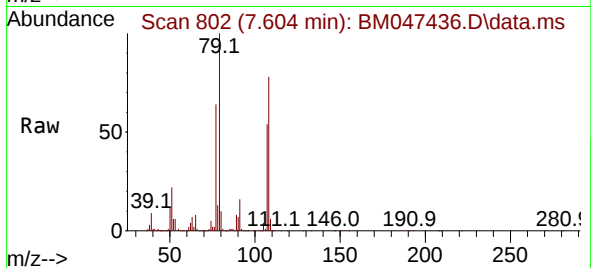




#15
Benzyl Alcohol
Concen: 44.197 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

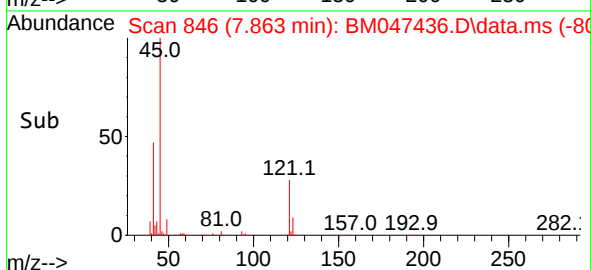
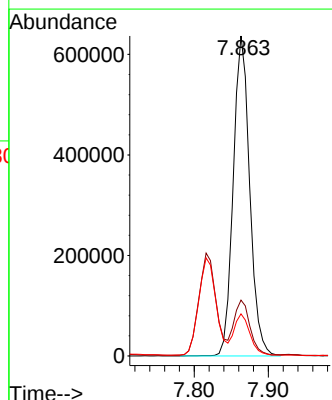
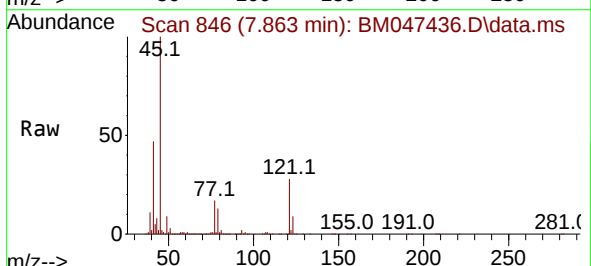
Instrument :
BNA_M
ClientSampleId :
PB163146BS

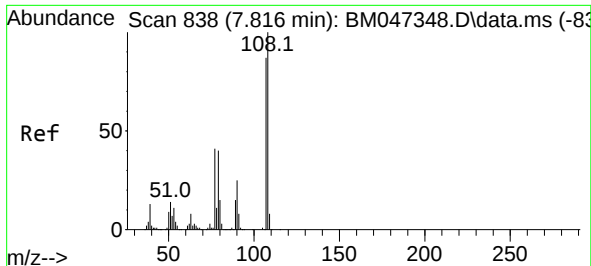
Tgt Ion: 79 Resp: 779481
Ion Ratio Lower Upper
79 100
108 77.6 61.1 91.7
77 63.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.780 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion: 45 Resp: 982535
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.7
79 13.2 0.0 33.0

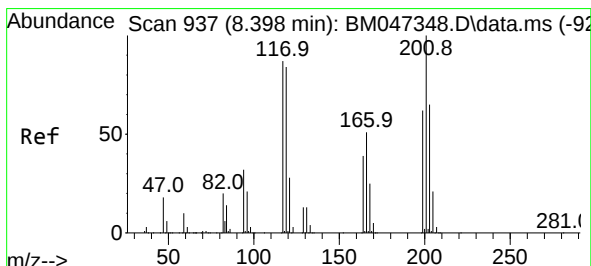
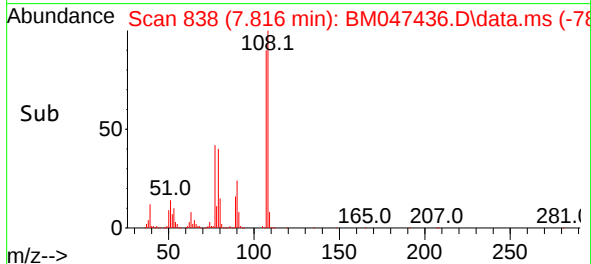
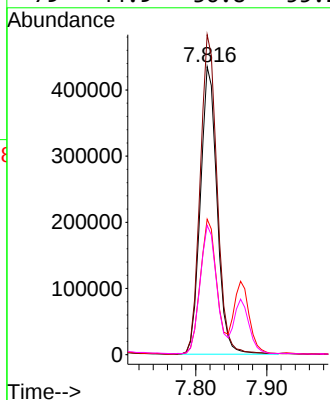
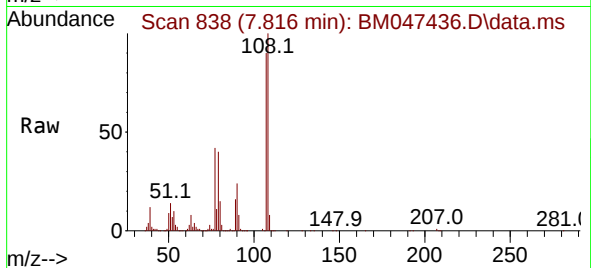




#17
2-Methylphenol
Concen: 40.841 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

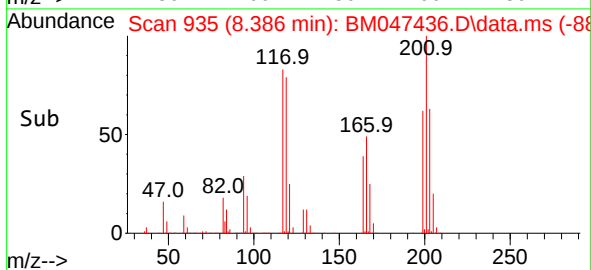
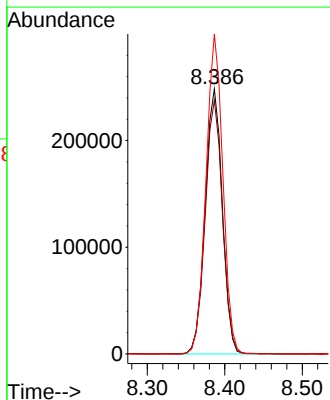
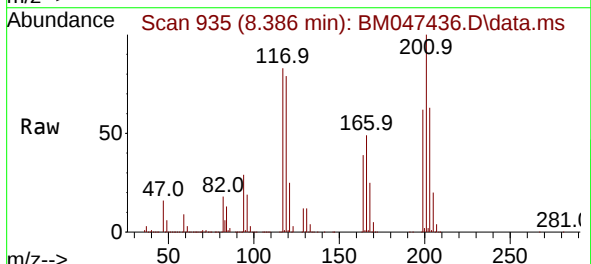
Instrument :
BNA_M
ClientSampleId :
PB163146BS

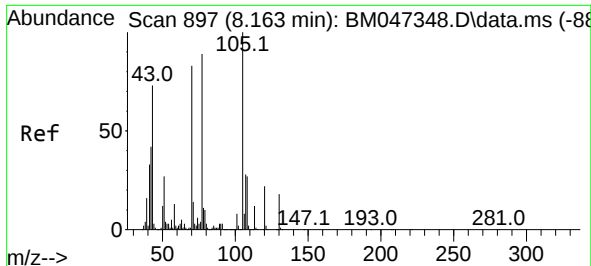
Tgt Ion:	107	Resp:	710195
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.6	137.4
77	47.1	38.0	57.0
79	44.9	36.8	55.2



#18
Hexachloroethane
Concen: 39.594 ng
RT: 8.386 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:	117	Resp:	383135
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.8
201	120.8	92.3	138.5

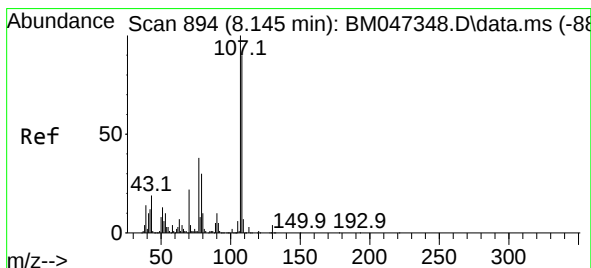
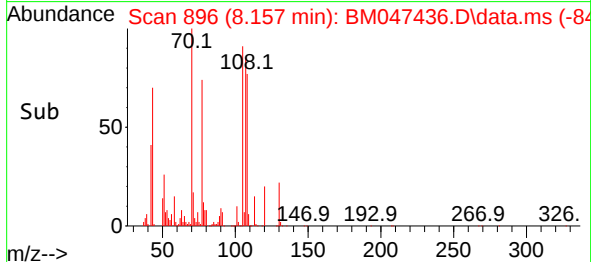
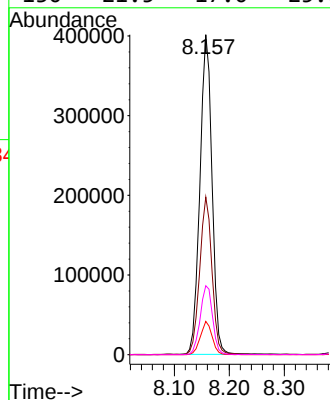
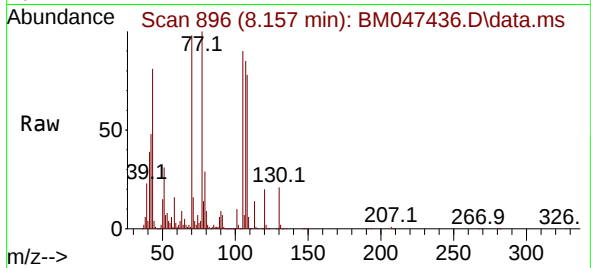




#19
n-Nitroso-di-n-propylamine
Concen: 35.114 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

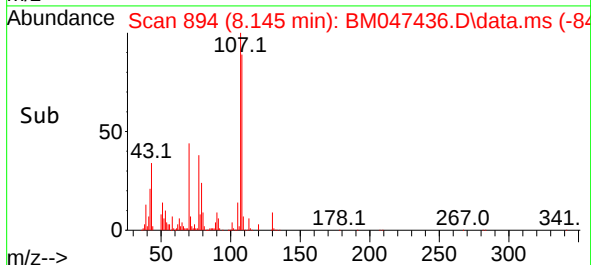
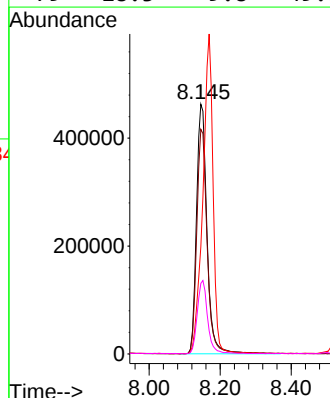
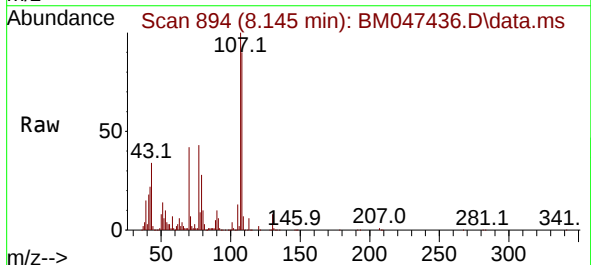
Instrument :
BNA_M
ClientSampleId :
PB163146BS

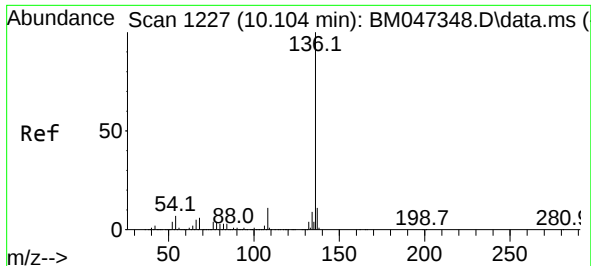
Tgt Ion:	70	Resp:	614038
Ion	Ratio	Lower	Upper
70	100		
42	49.3	41.0	61.4
101	10.4	7.9	11.9
130	21.5	17.0	25.6



#20
3+4-Methylphenols
Concen: 39.249 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:	107	Resp:	948936
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.8	109.8
77	42.9	18.0	58.0
79	28.3	9.8	49.8

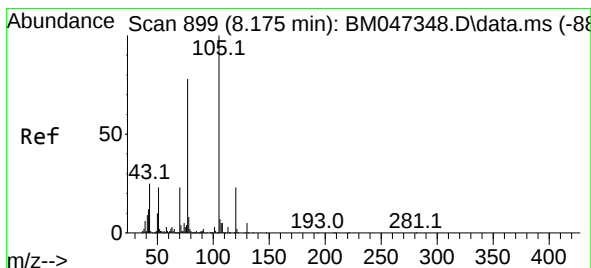
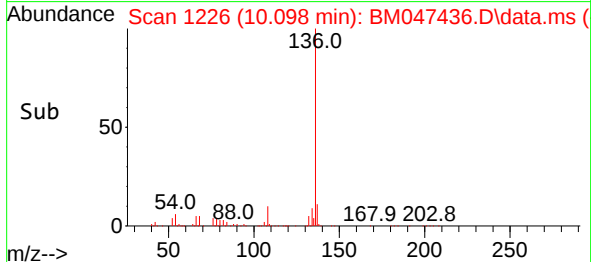
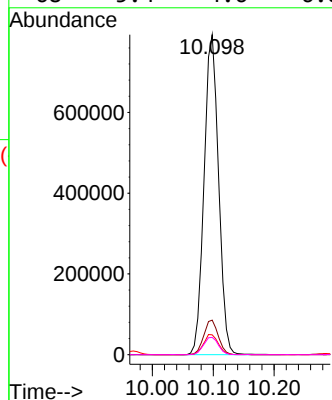
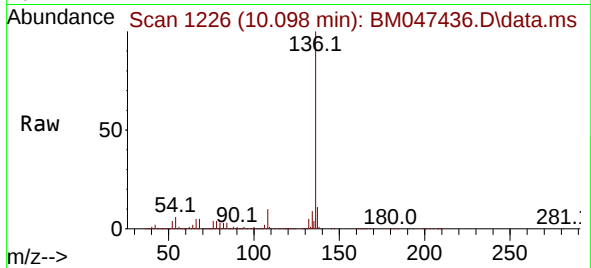




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

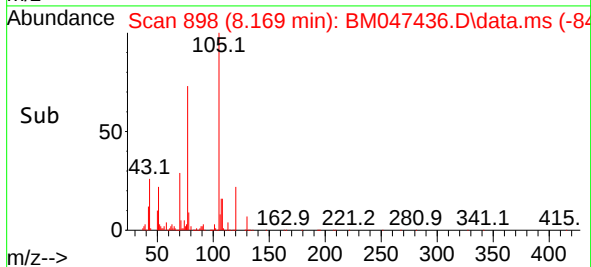
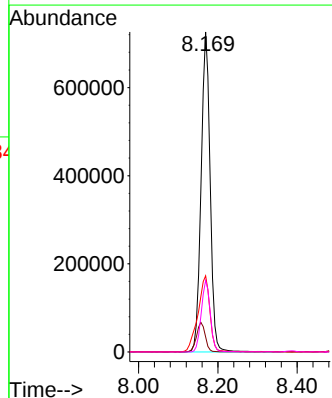
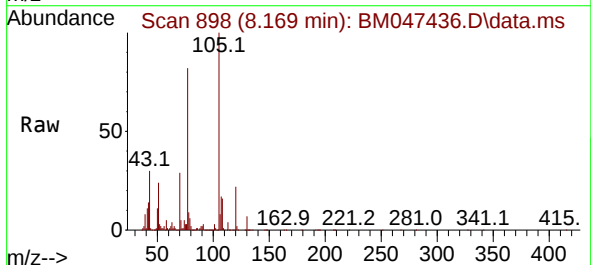
Instrument :
BNA_M
ClientSampleId :
PB163146BS

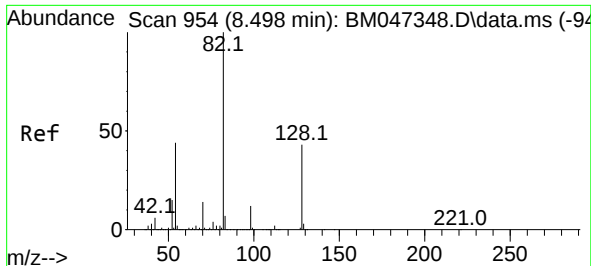
Tgt Ion:136 Resp: 1310710
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.2 5.2 7.8
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 37.682 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:105 Resp: 1146246
Ion Ratio Lower Upper
105 100
71 4.7 3.1 4.7#
51 23.8 18.7 28.1
120 22.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 76.560 ng

RT: 8.498 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

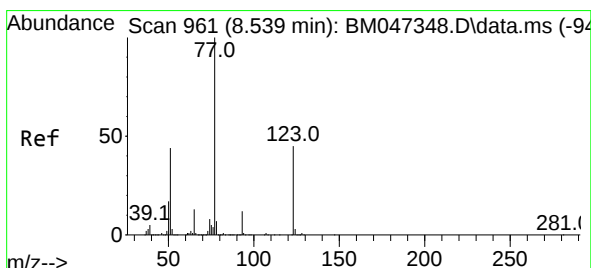
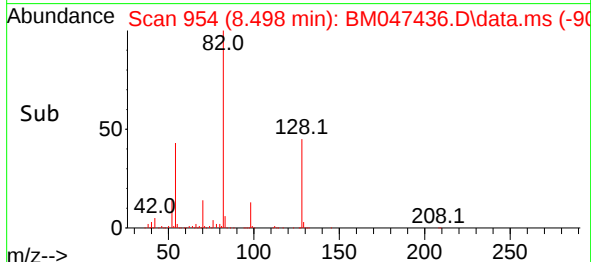
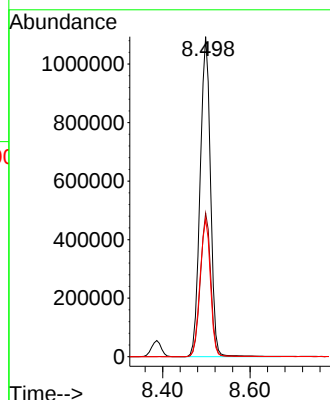
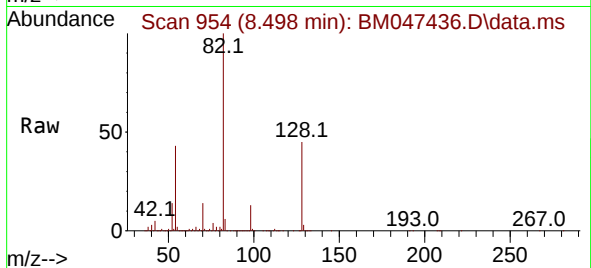
BNA_M

ClientSampleId :

PB163146BS

Tgt Ion: 82 Resp: 1808529

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	43.0	35.5	53.3



#24

Nitrobenzene

Concen: 38.744 ng

RT: 8.539 min Scan# 961

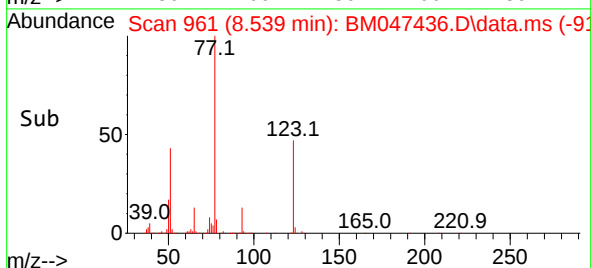
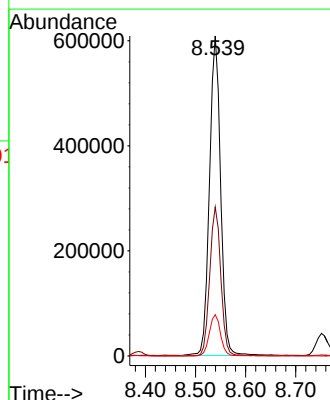
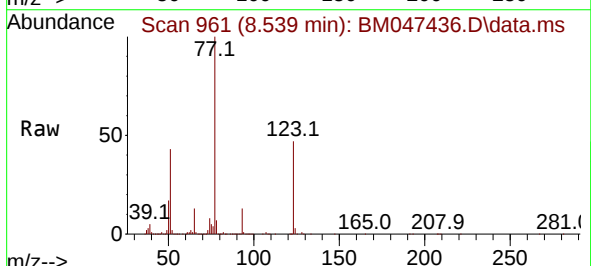
Delta R.T. 0.000 min

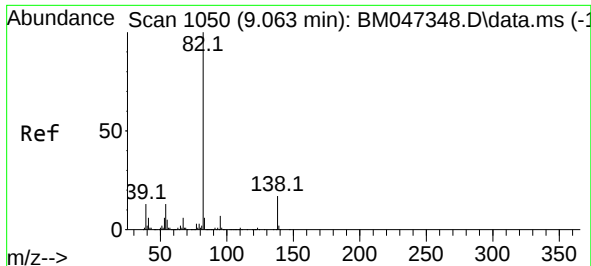
Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Tgt Ion: 77 Resp: 941285

Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.6	53.4
65	12.9	10.5	15.7

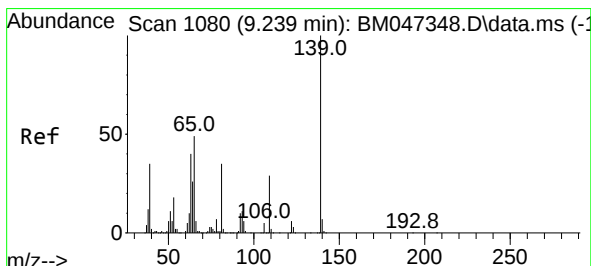
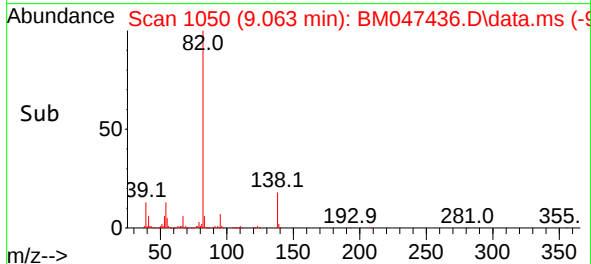
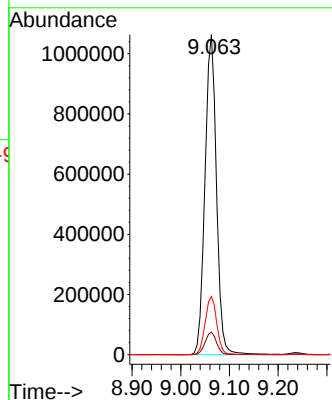
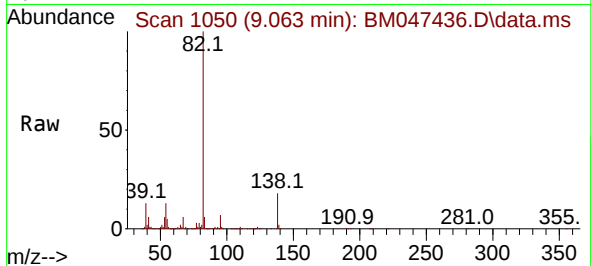




#25
Isophorone
Concen: 38.809 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

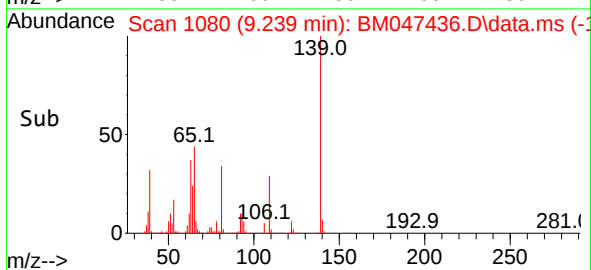
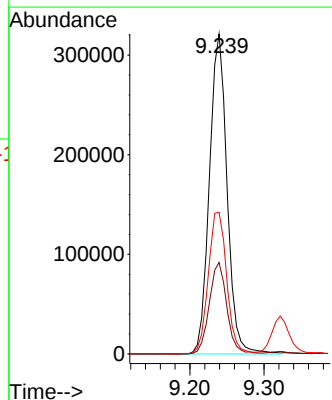
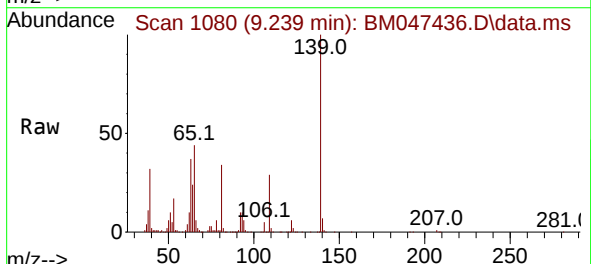
Instrument :
BNA_M
ClientSampleId :
PB163146BS

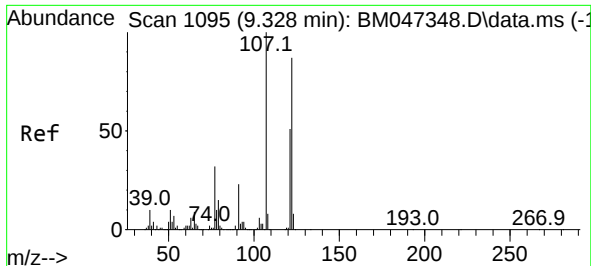
Tgt Ion: 82 Resp: 1732680
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 44.424 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:139 Resp: 530882
Ion Ratio Lower Upper
139 100
109 28.6 23.4 35.0
65 44.3 39.6 59.4

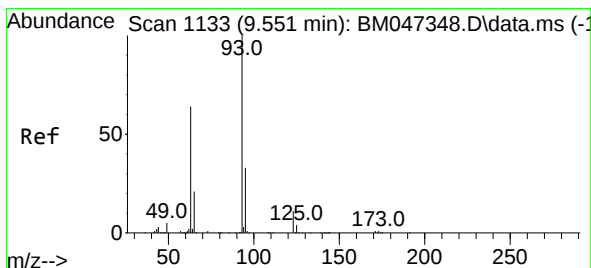
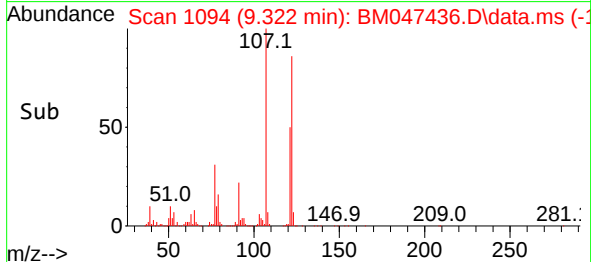
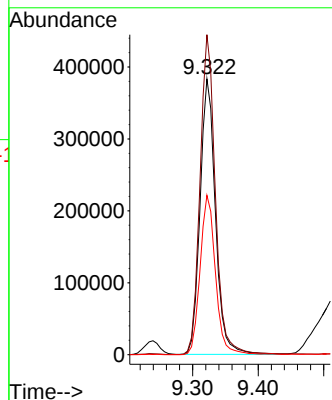
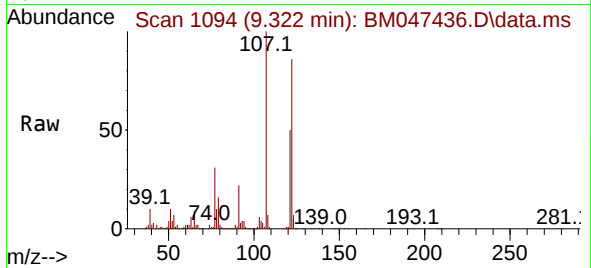




#27
2,4-Dimethylphenol
Concen: 46.431 ng
RT: 9.322 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

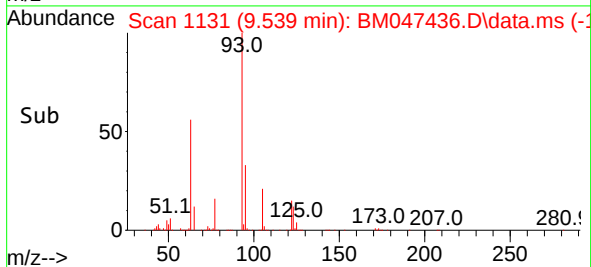
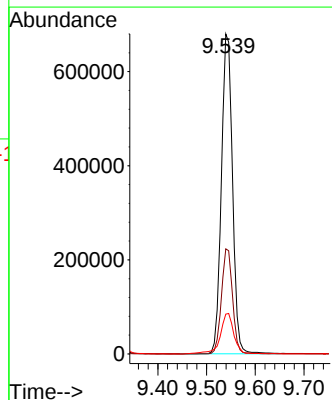
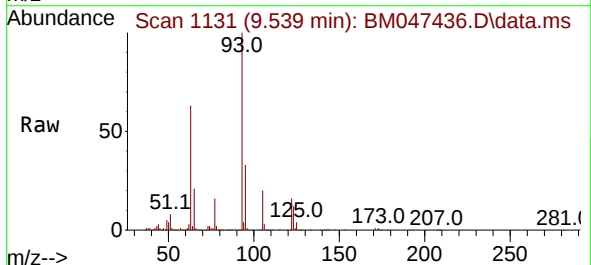
Instrument :
BNA_M
ClientSampleId :
PB163146BS

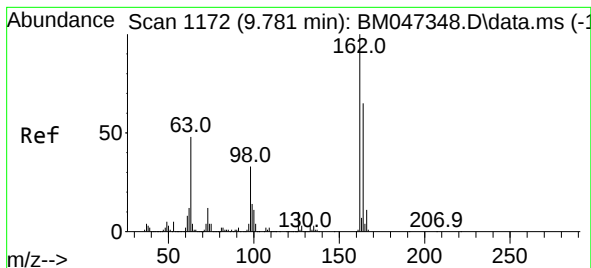
Tgt Ion:122 Resp: 626313
Ion Ratio Lower Upper
122 100
107 116.0 91.9 137.9
121 57.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.480 ng
RT: 9.539 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion: 93 Resp: 1079377
Ion Ratio Lower Upper
93 100
95 32.9 26.6 39.8
123 12.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 45.125 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

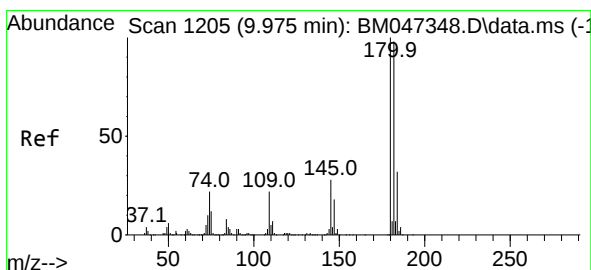
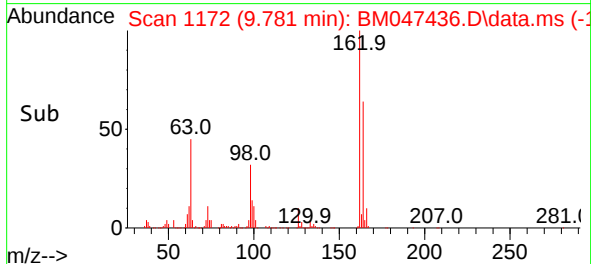
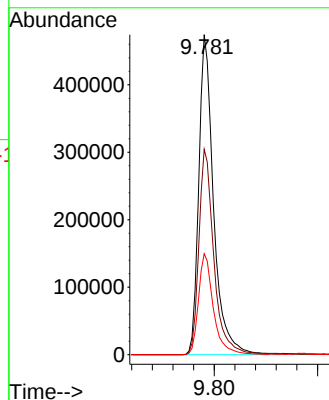
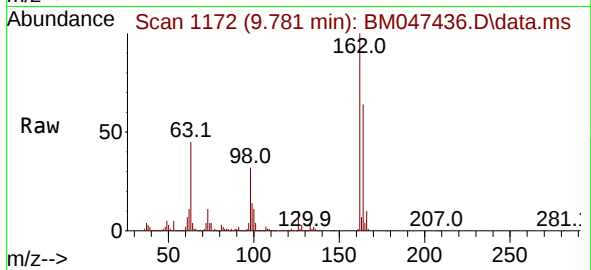
Tgt Ion:162 Resp: 944247

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 31.6 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 41.725 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

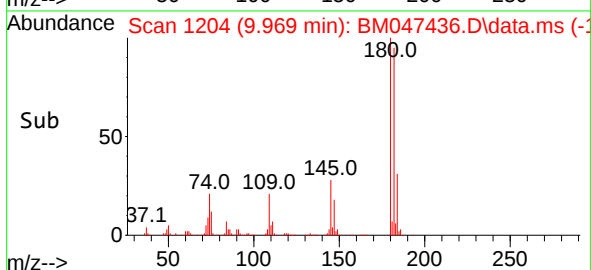
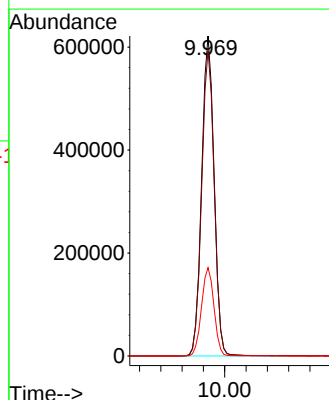
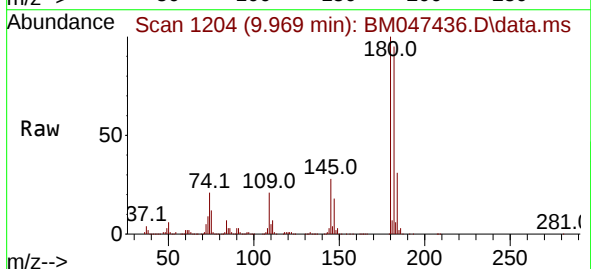
Tgt Ion:180 Resp: 1008457

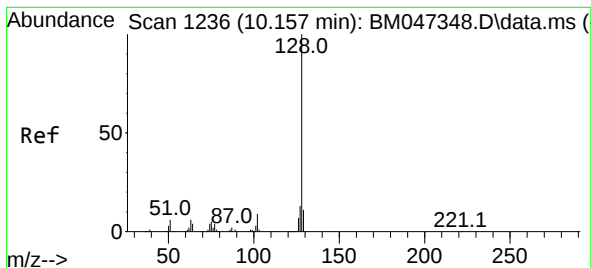
Ion Ratio Lower Upper

180 100

182 95.4 78.2 117.2

145 27.6 22.3 33.5

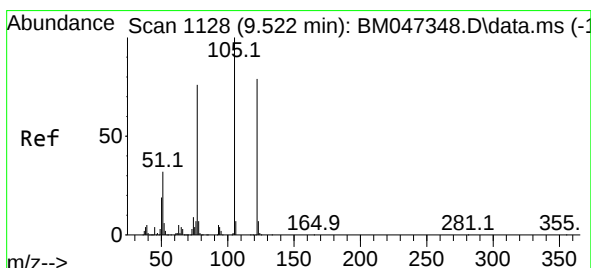
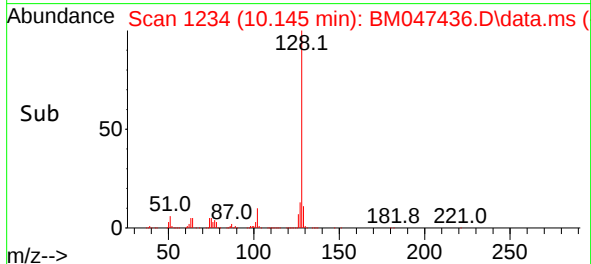
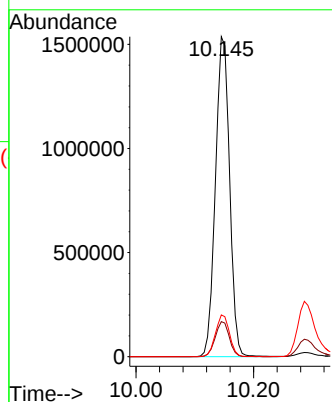
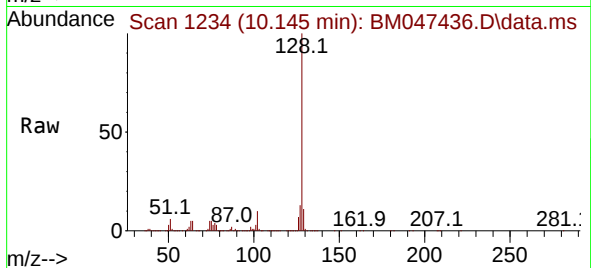




#31
Naphthalene
Concen: 40.128 ng
RT: 10.145 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

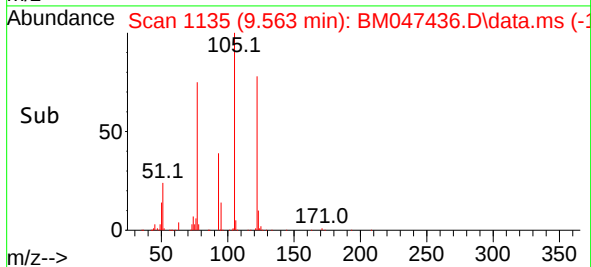
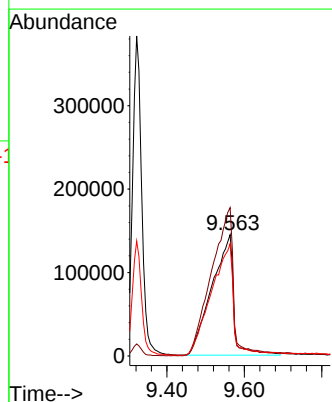
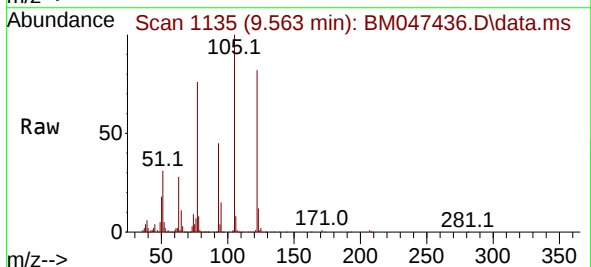
Instrument :
BNA_M
ClientSampleId :
PB163146BS

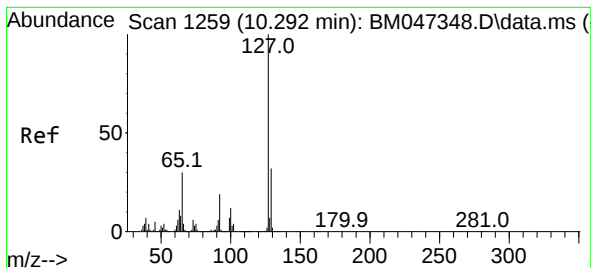
Tgt Ion:128 Resp: 2568913
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 35.048 ng
RT: 9.563 min Scan# 1135
Delta R.T. 0.041 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:122 Resp: 564539
Ion Ratio Lower Upper
122 100
105 122.2 106.0 146.0
77 92.6 76.3 116.3



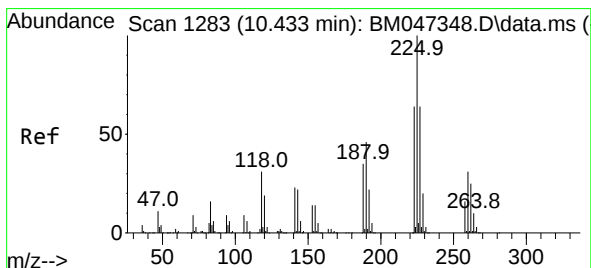
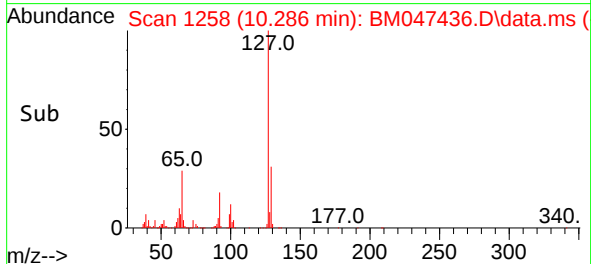
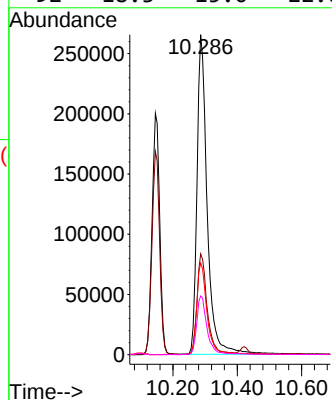
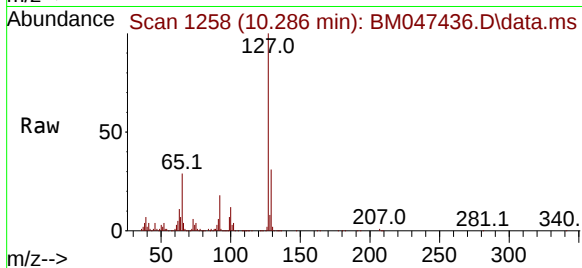


#33
4-Chloroaniline
Concen: 24.583 ng
RT: 10.286 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Instrument :
BNA_M
ClientSampleId :
PB163146BS

Tgt Ion:127 Resp: 585149

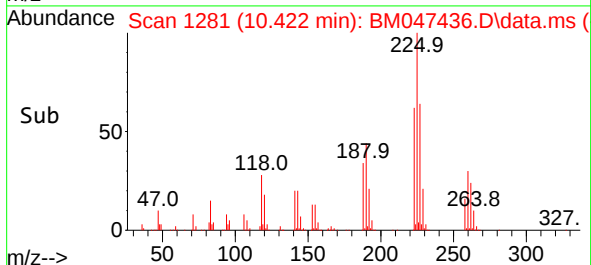
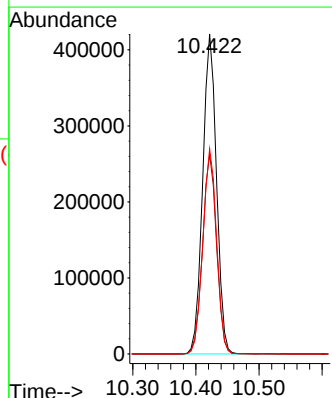
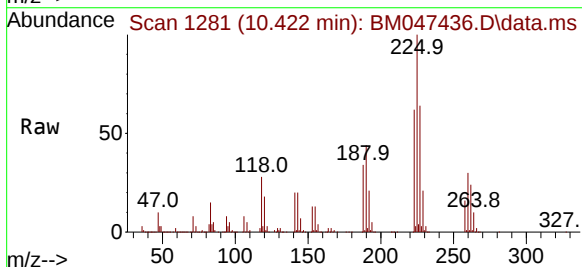
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	28.6	24.2	36.2
92	18.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.353 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:225 Resp: 639295

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	64.2	51.0	76.6





#35

Caprolactam

Concen: 35.251 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.018 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

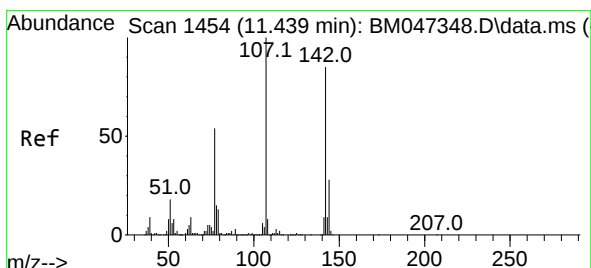
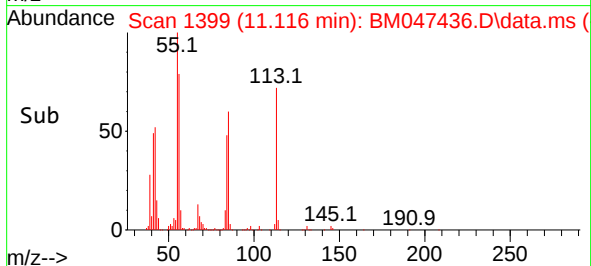
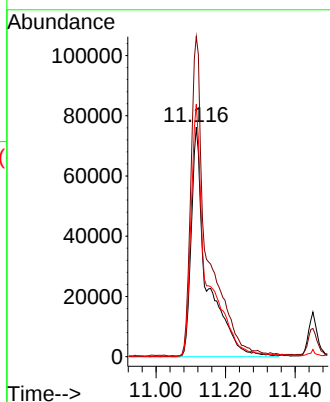
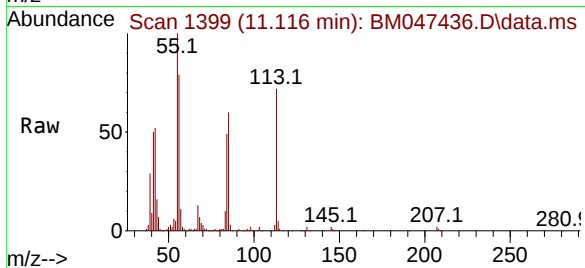
Tgt Ion:113 Resp: 238951

Ion Ratio Lower Upper

113 100

55 139.4 126.2 166.2

56 109.9 93.2 133.2



#36

4-Chloro-3-methylphenol

Concen: 39.709 ng

RT: 11.451 min Scan# 1456

Delta R.T. 0.012 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

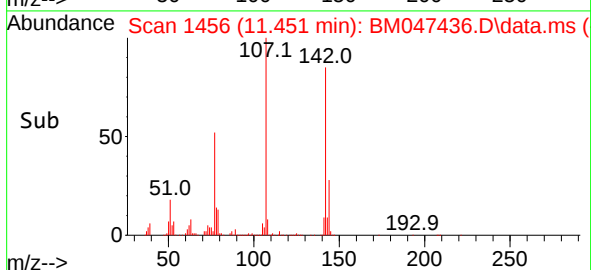
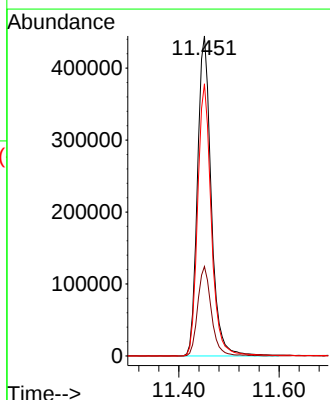
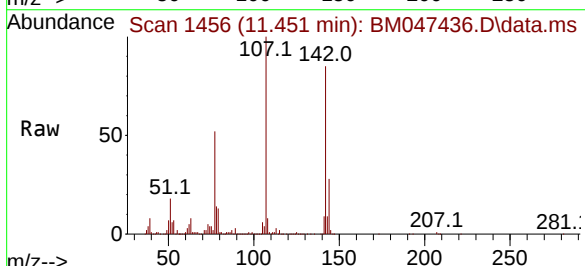
Tgt Ion:107 Resp: 843801

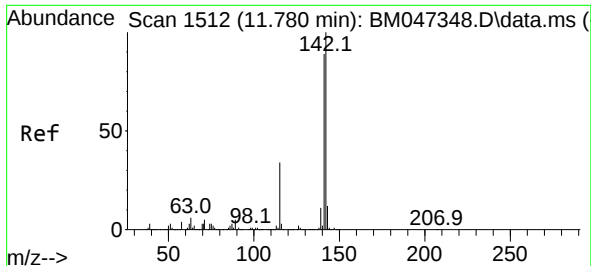
Ion Ratio Lower Upper

107 100

144 28.0 22.2 33.4

142 85.0 67.7 101.5

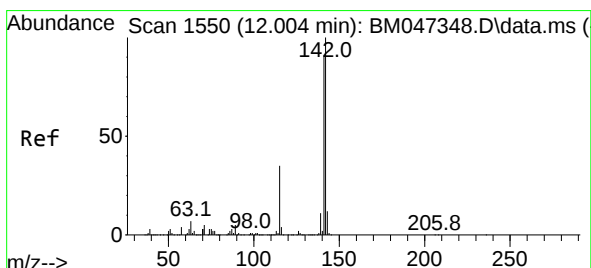
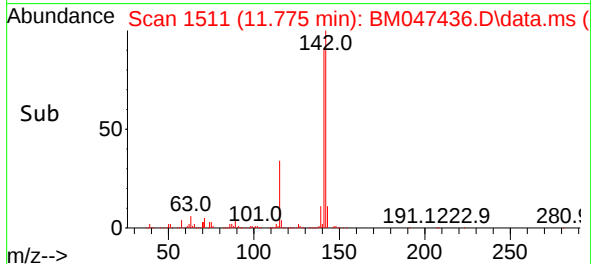
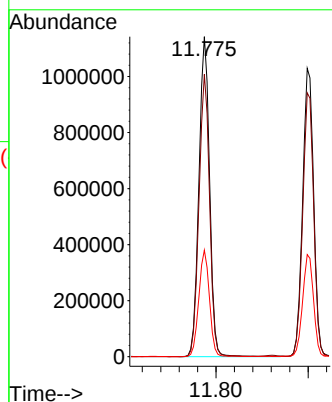
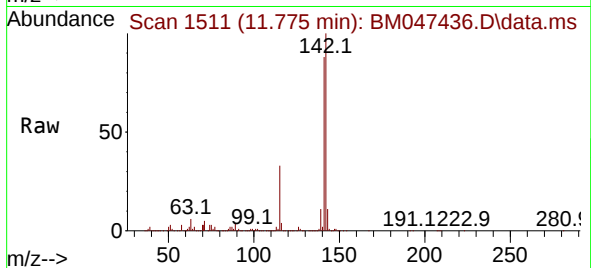




#37
2-Methylnaphthalene
Concen: 39.295 ng
RT: 11.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

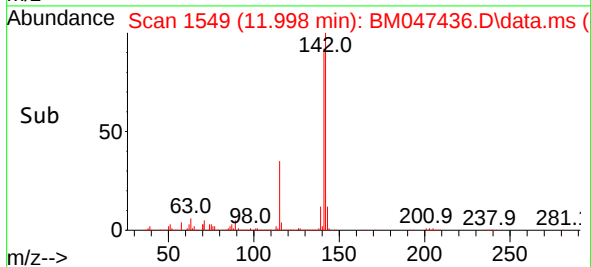
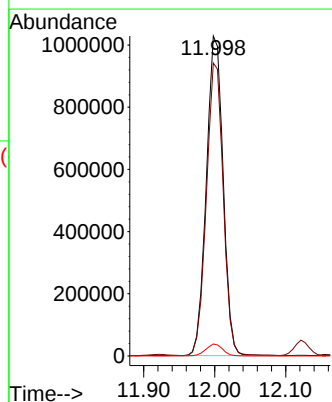
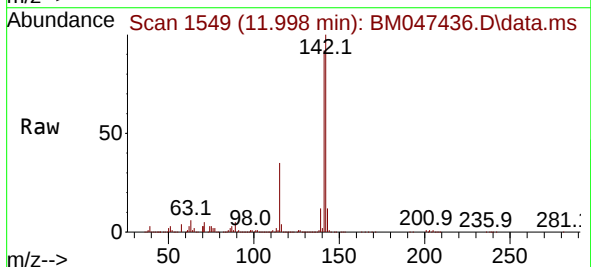
Instrument :
BNA_M
ClientSampleId :
PB163146BS

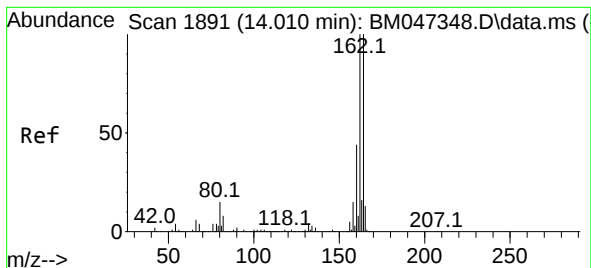
Tgt Ion:142 Resp: 1834180
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 33.3 27.5 41.3



#38
1-Methylnaphthalene
Concen: 36.755 ng
RT: 11.998 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:142 Resp: 1696781
Ion Ratio Lower Upper
142 100
141 91.5 72.9 109.3
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

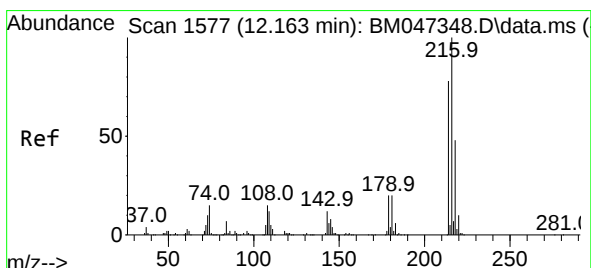
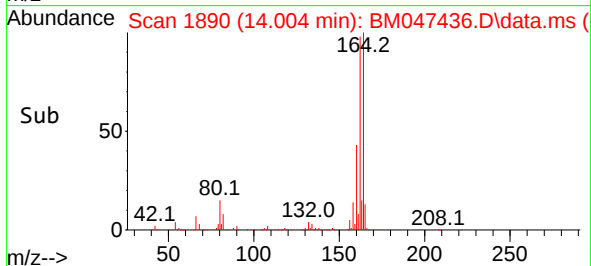
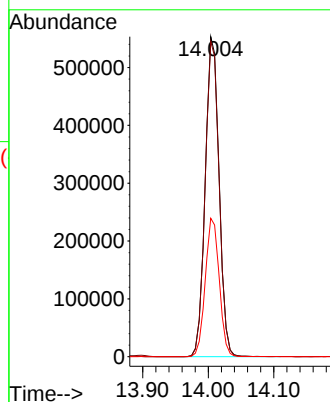
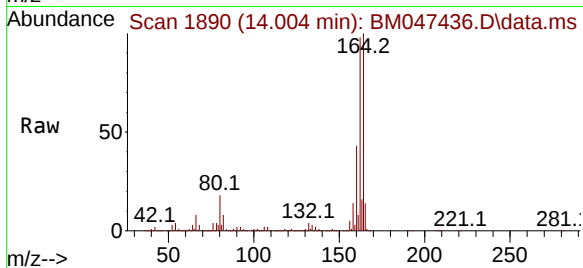
Tgt Ion:164 Resp: 815857

Ion Ratio Lower Upper

164 100

162 98.5 79.7 119.5

160 43.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.238 ng

RT: 12.163 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Tgt Ion:216 Resp: 1020418

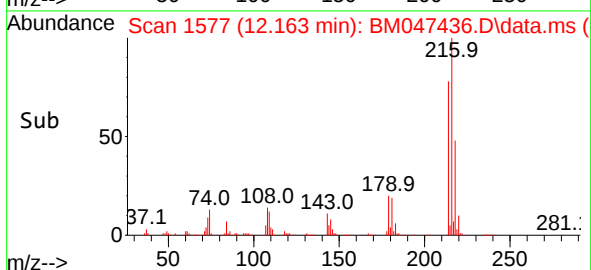
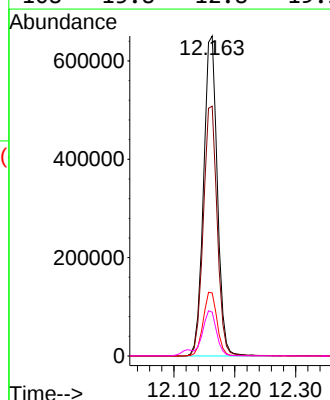
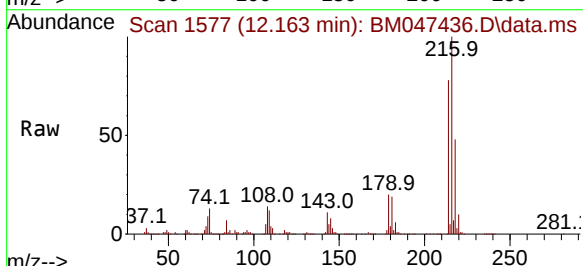
Ion Ratio Lower Upper

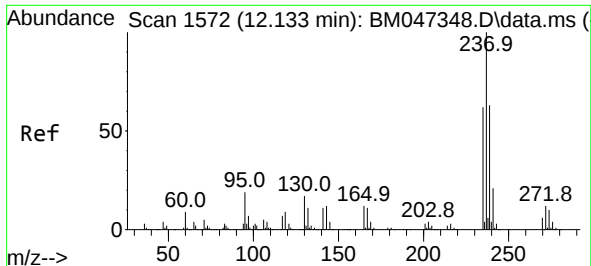
216 100

214 79.0 62.6 94.0

179 20.3 16.6 24.8

108 15.8 12.8 19.2

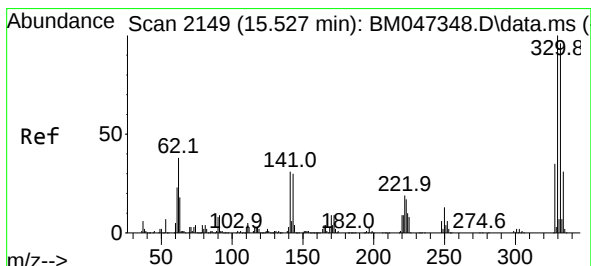
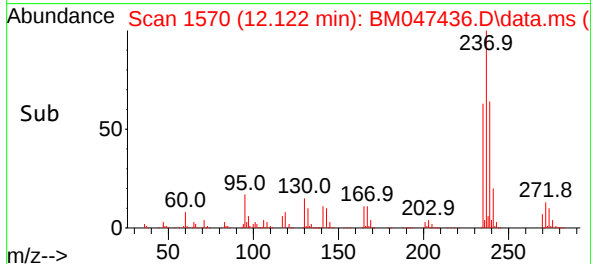
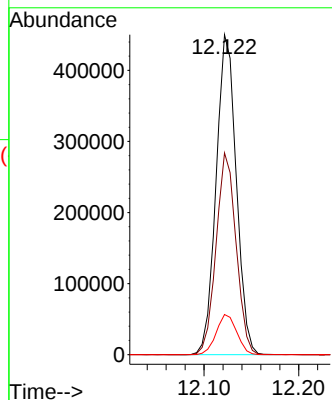
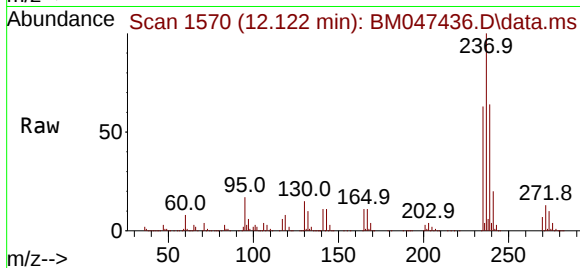




#41
Hexachlorocyclopentadiene
Concen: 87.343 ng
RT: 12.122 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

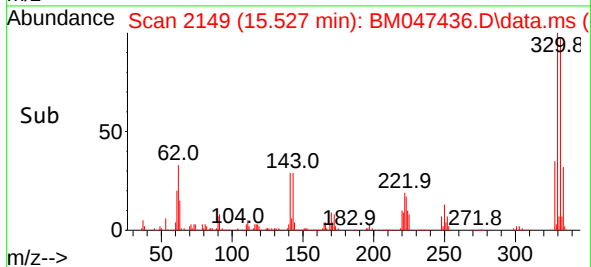
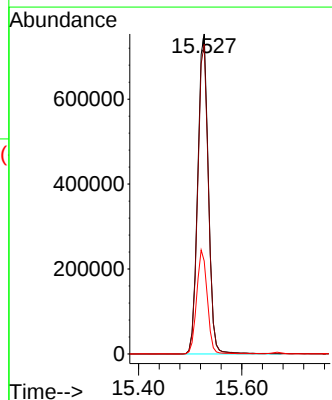
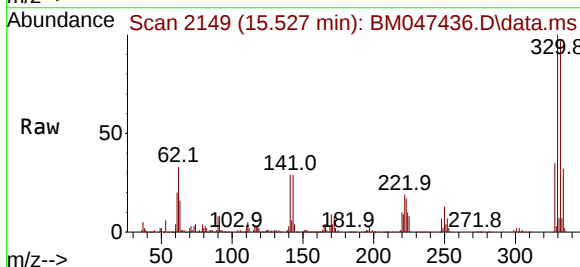
Instrument :
BNA_M
ClientSampleId :
PB163146BS

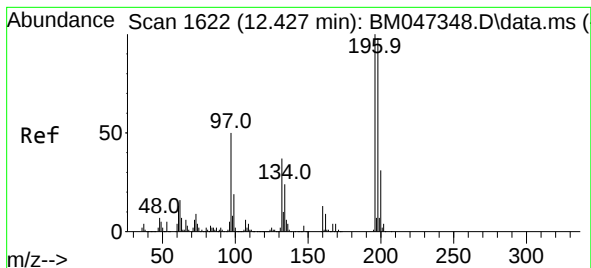
Tgt Ion:237 Resp: 665965
Ion Ratio Lower Upper
237 100
235 63.1 42.1 82.1
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 109.223 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:330 Resp: 1075105
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 32.3 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 44.996 ng

RT: 12.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

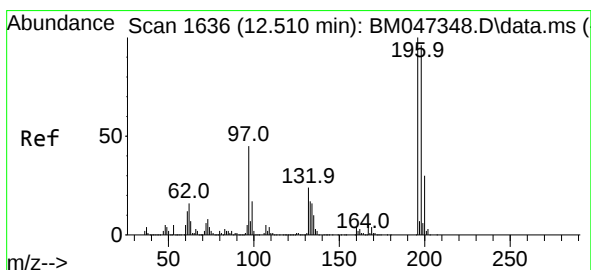
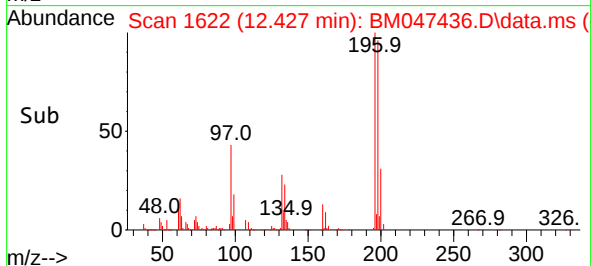
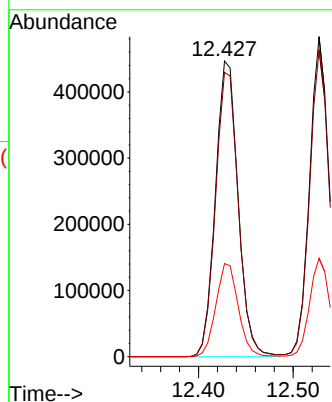
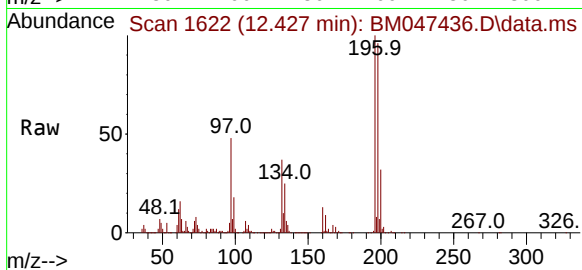
Tgt Ion:196 Resp: 745194

Ion Ratio Lower Upper

196 100

198 96.2 78.2 117.2

200 31.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 40.460 ng

RT: 12.527 min Scan# 1639

Delta R.T. 0.018 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Tgt Ion:196 Resp: 744168

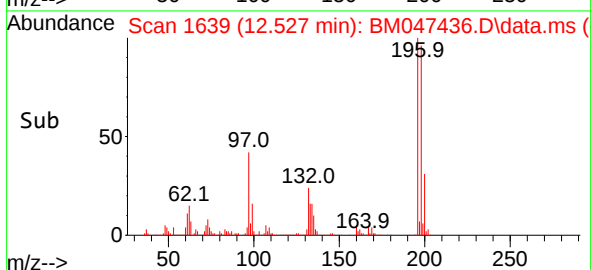
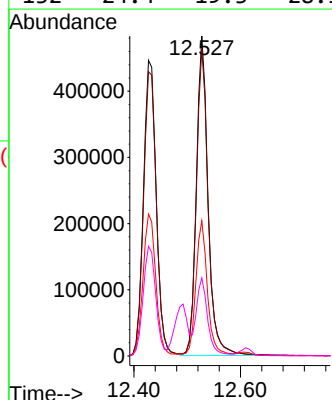
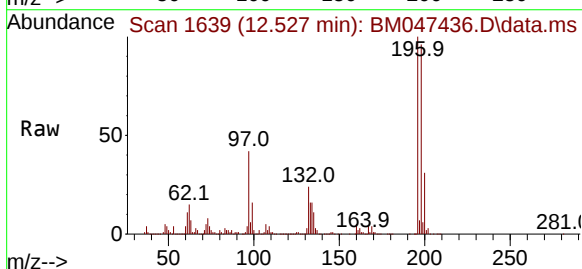
Ion Ratio Lower Upper

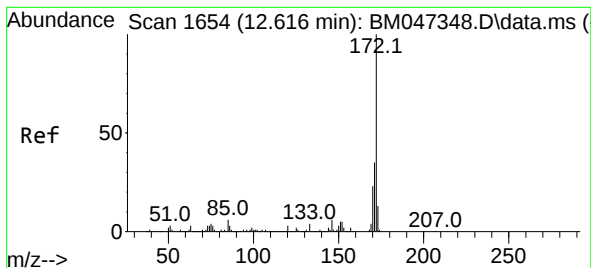
196 100

198 95.8 76.6 115.0

97 42.2 35.9 53.9

132 24.4 19.3 28.9

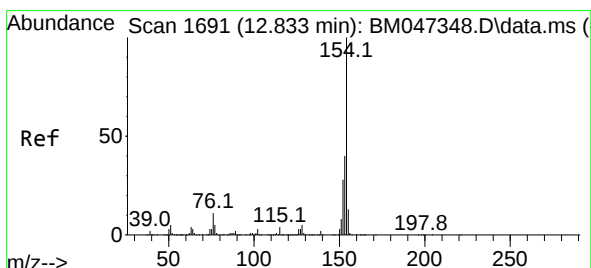
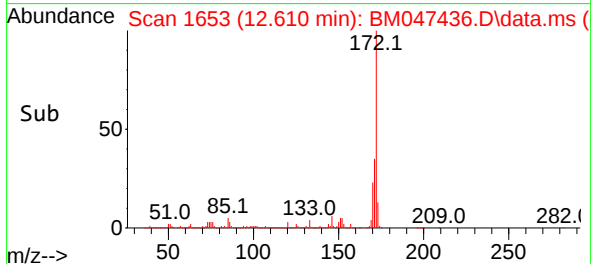
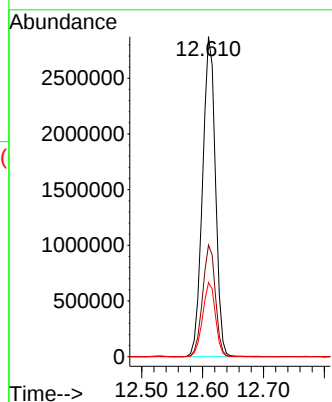
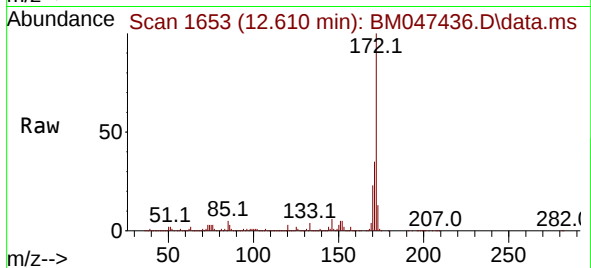




#45
2-Fluorobiphenyl
Concen: 79.412 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

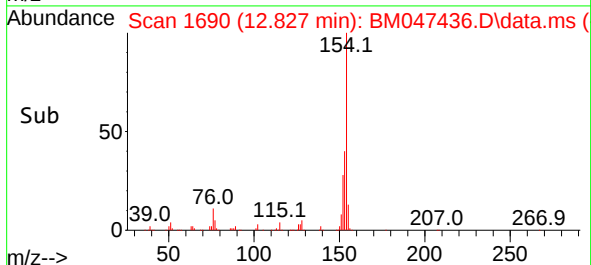
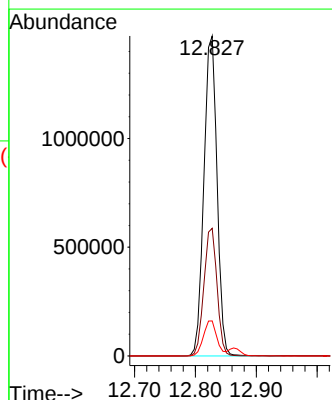
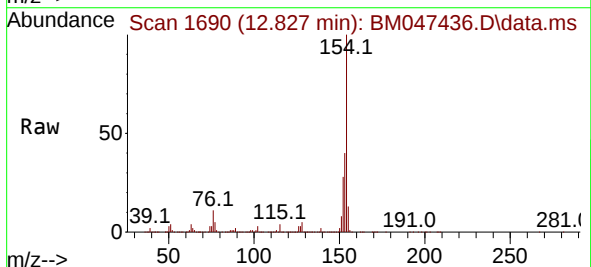
Instrument :
BNA_M
ClientSampleId :
PB163146BS

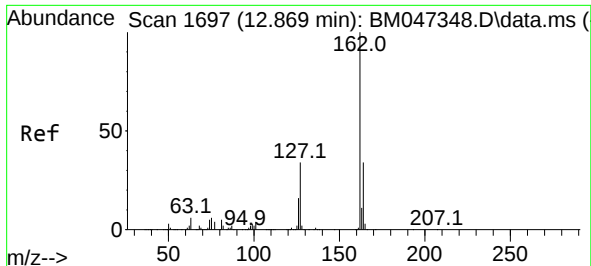
Tgt Ion:172 Resp: 4216665
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 38.675 ng
RT: 12.827 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:154 Resp: 2203196
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 10.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 40.804 ng

RT: 12.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

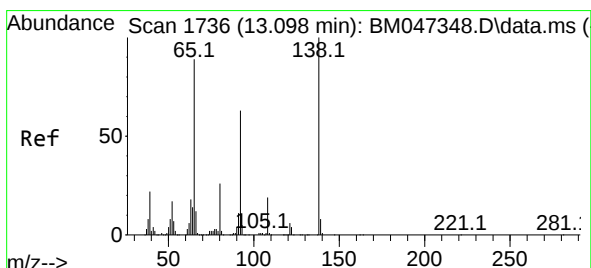
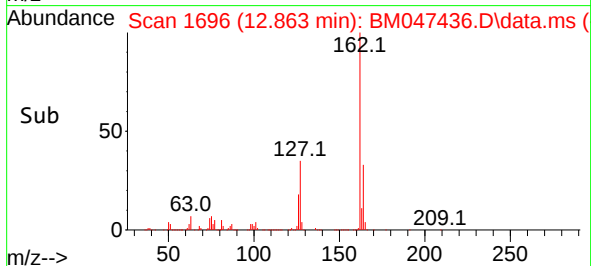
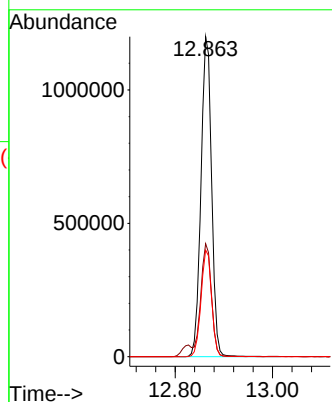
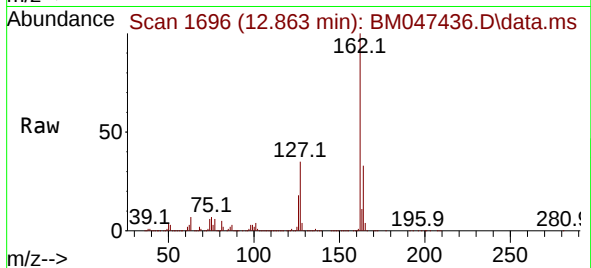
Tgt Ion:162 Resp: 1821610

Ion Ratio Lower Upper

162 100

127 35.3 28.3 42.5

164 33.3 27.0 40.4



#48

2-Nitroaniline

Concen: 40.710 ng

RT: 13.104 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

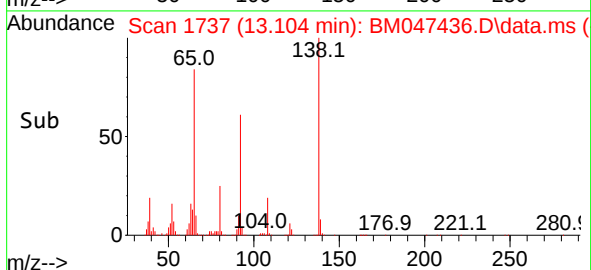
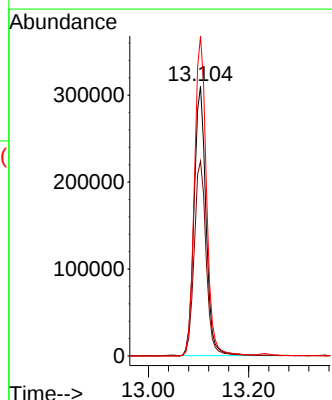
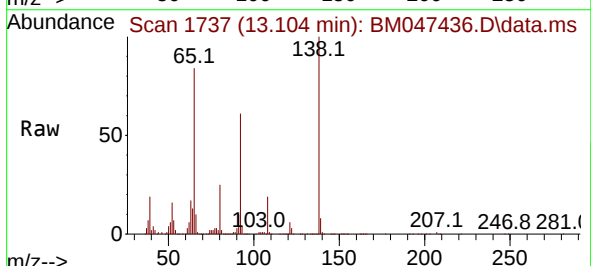
Tgt Ion: 65 Resp: 509091

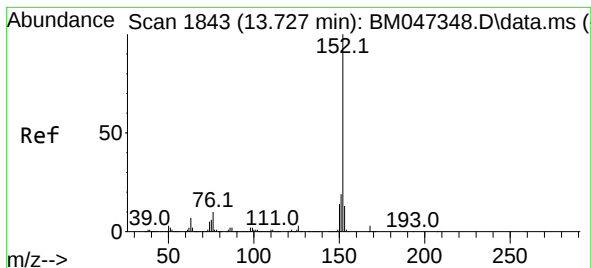
Ion Ratio Lower Upper

65 100

92 72.3 57.0 85.6

138 118.6 90.0 135.0





#49

Acenaphthylene

Concen: 43.920 ng

RT: 13.721 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

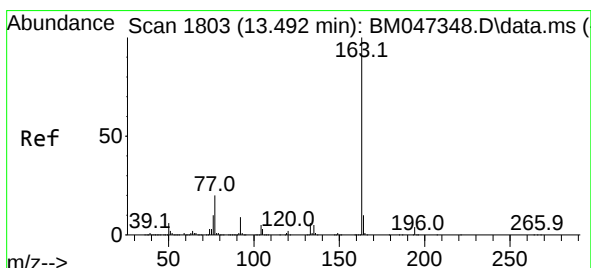
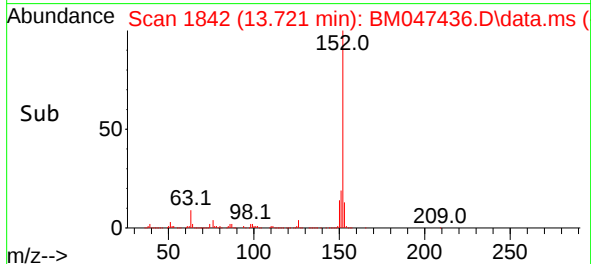
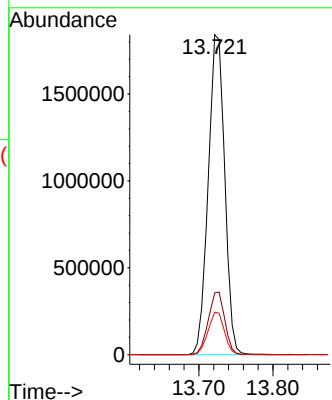
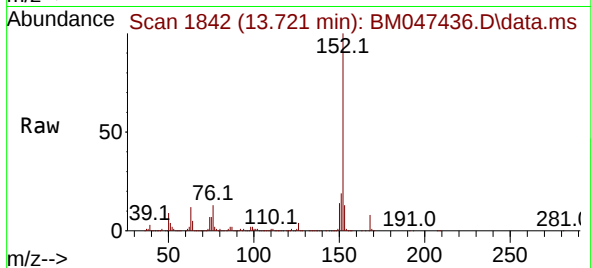
Tgt Ion:152 Resp: 2849677

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 40.632 ng

RT: 13.486 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

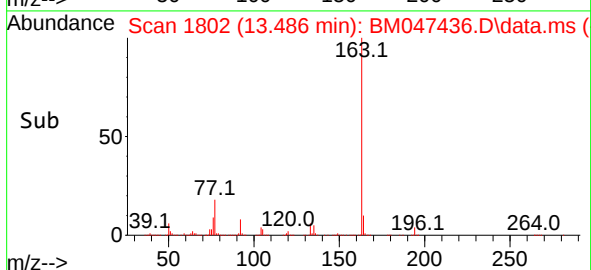
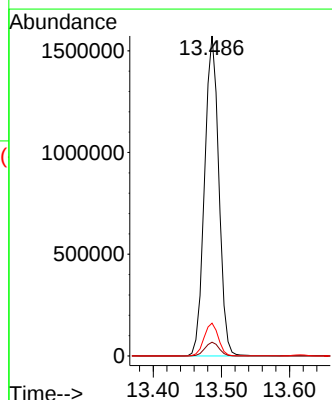
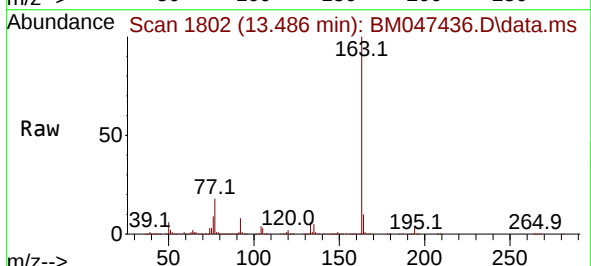
Tgt Ion:163 Resp: 2284150

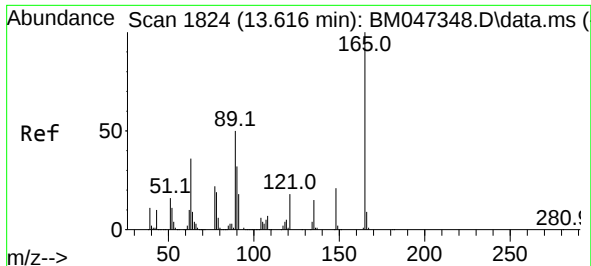
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.2 12.4

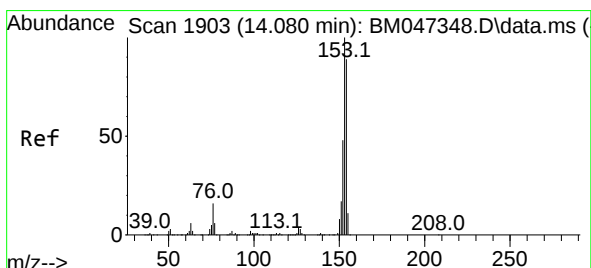
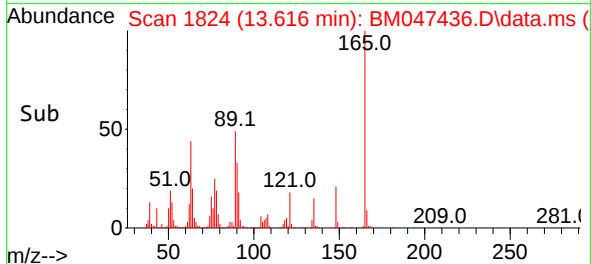
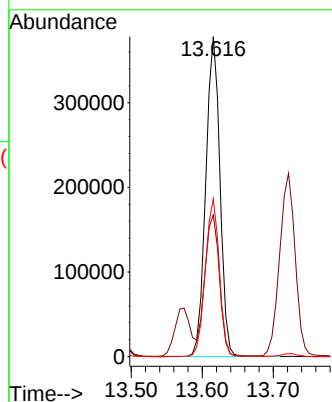
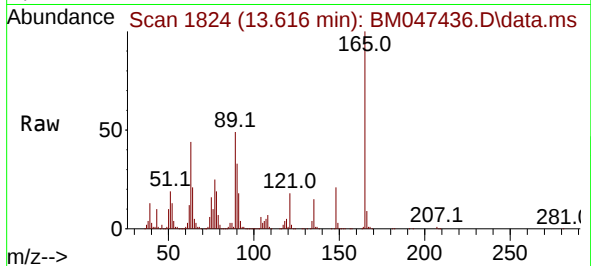




#51
2,6-Dinitrotoluene
Concen: 40.127 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

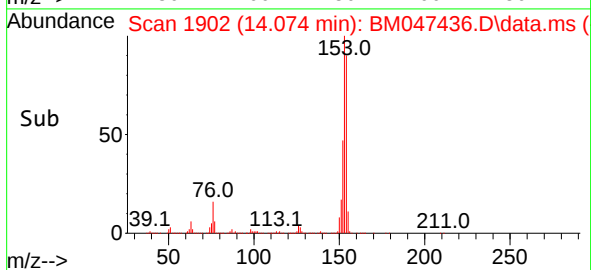
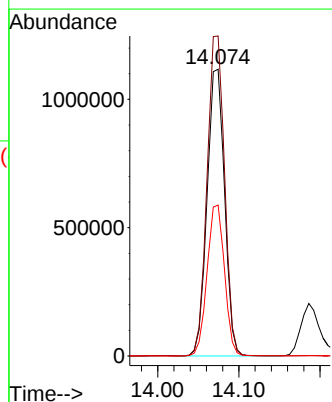
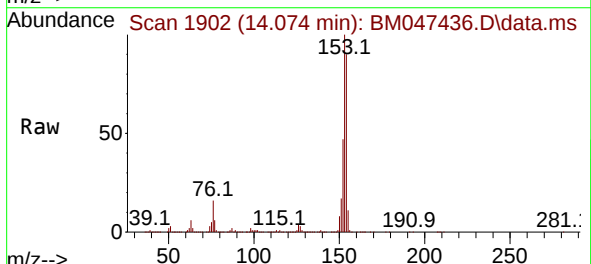
Instrument :
BNA_M
ClientSampleId :
PB163146BS

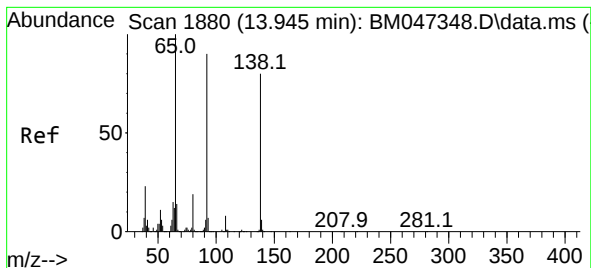
Tgt Ion:165 Resp: 525211
Ion Ratio Lower Upper
165 100
63 44.3 38.2 57.4
89 49.3 40.4 60.6



#52
Acenaphthene
Concen: 40.494 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:154 Resp: 1667894
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 52.6 43.0 64.4

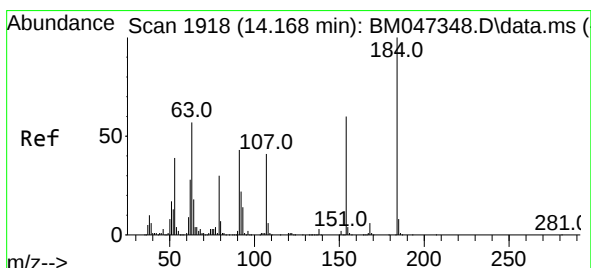
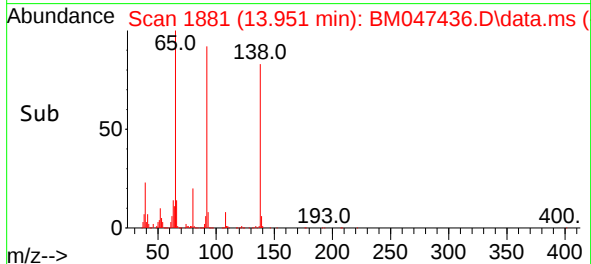
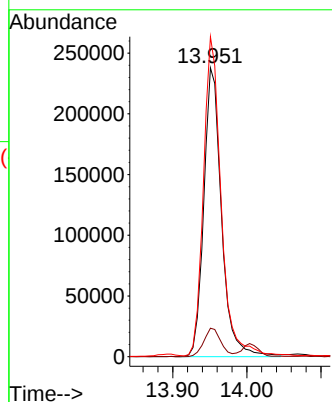
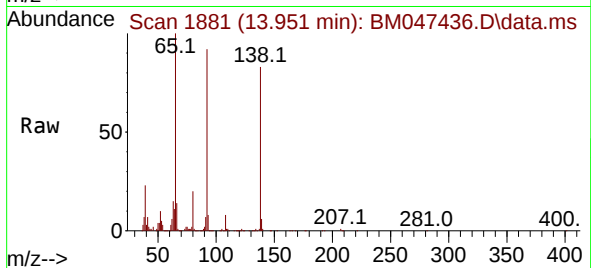




#53
3-Nitroaniline
Concen: 32.781 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

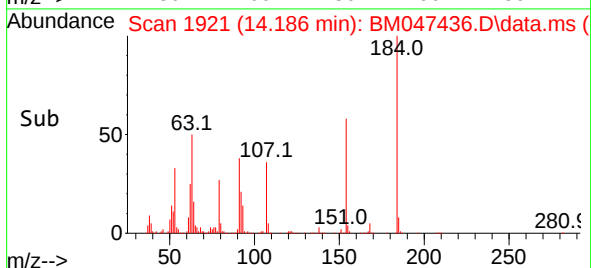
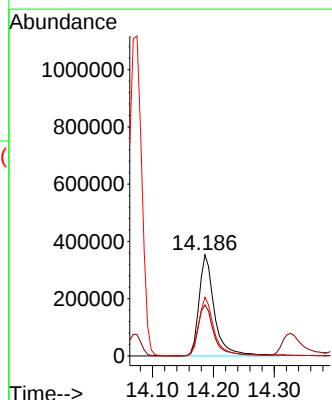
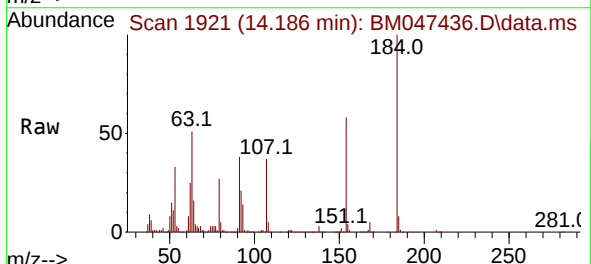
Instrument :
BNA_M
ClientSampleId :
PB163146BS

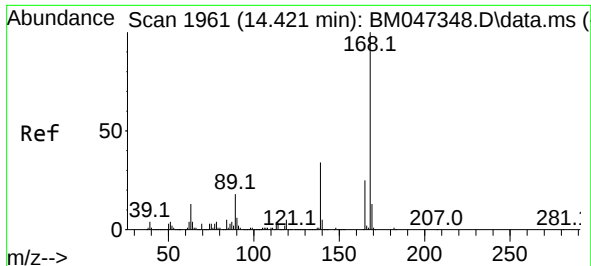
Tgt Ion:138 Resp: 395919
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 110.8 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 77.332 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.018 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:184 Resp: 623333
Ion Ratio Lower Upper
184 100
63 50.5 45.7 68.5
154 57.9 48.5 72.7

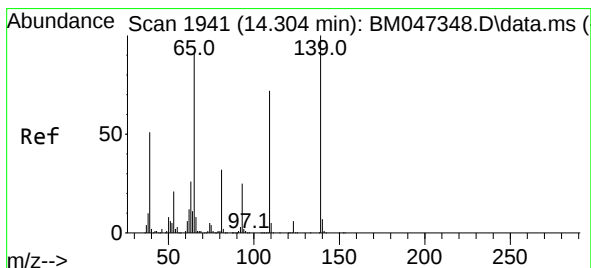
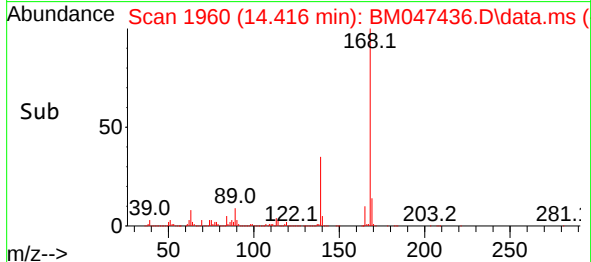
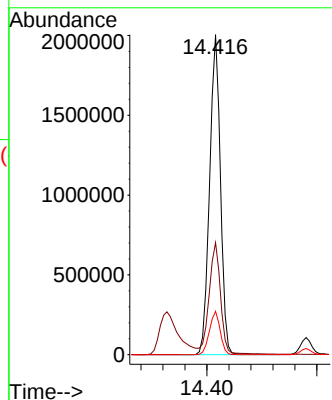
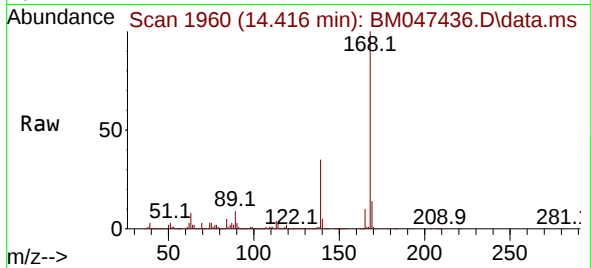




#55
Dibenzenofuran
Concen: 41.169 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

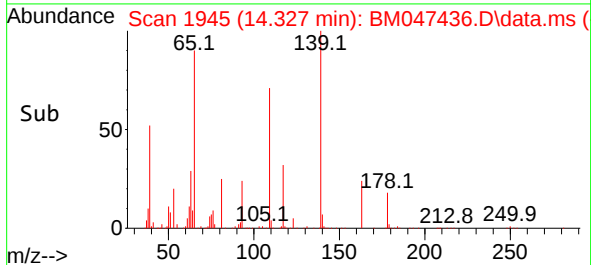
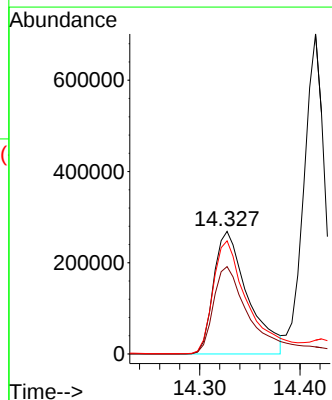
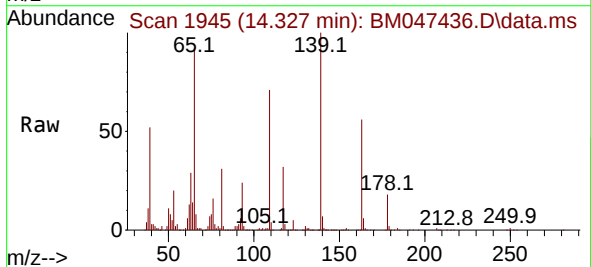
Instrument :
BNA_M
ClientSampleId :
PB163146BS

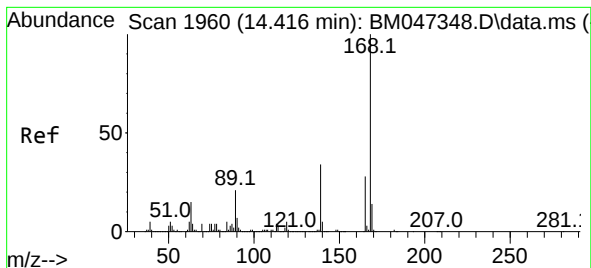
Tgt Ion:168 Resp: 2731304
Ion Ratio Lower Upper
168 100
139 35.0 27.5 41.3
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 67.313 ng
RT: 14.327 min Scan# 1945
Delta R.T. 0.023 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:139 Resp: 635497
Ion Ratio Lower Upper
139 100
109 71.3 51.6 91.6
65 92.3 71.7 111.7





#57

2,4-Dinitrotoluene

Concen: 38.851 ng

RT: 14.427 min Scan# 1960

Delta R.T. 0.012 min

Lab File: BM047436.D

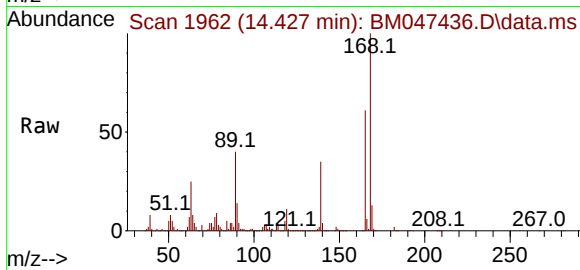
Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS



Tgt Ion:165 Resp: 658279

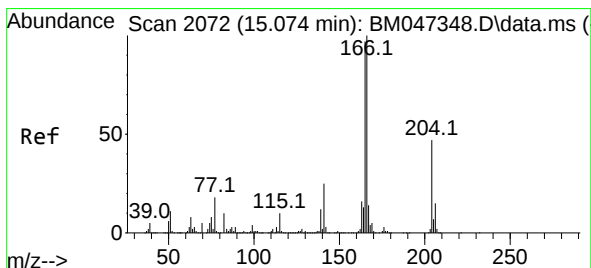
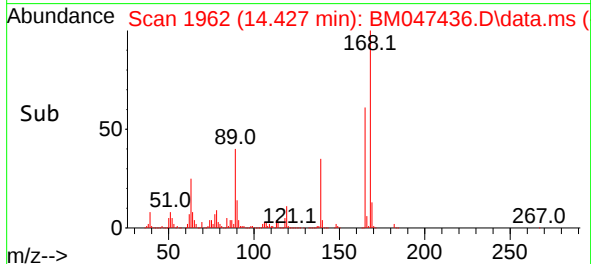
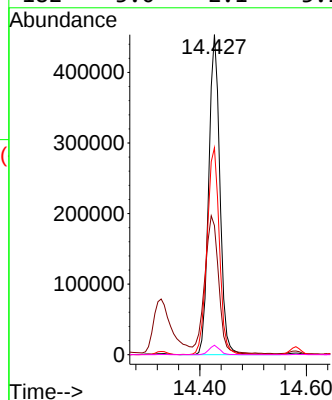
Ion Ratio Lower Upper

165 100

63 40.4 42.2 63.4#

89 64.7 59.3 88.9

182 3.0 2.1 3.1



#58

Fluorene

Concen: 39.301 ng

RT: 15.074 min Scan# 2072

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

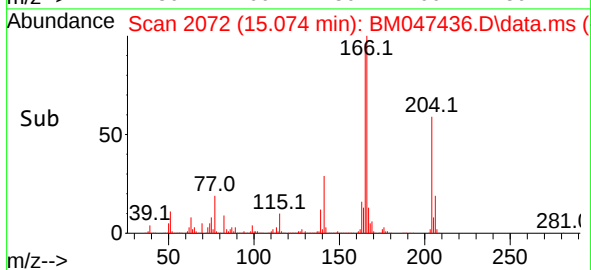
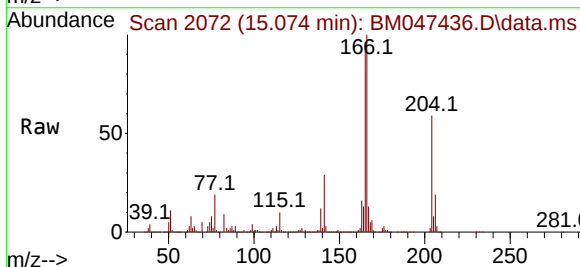
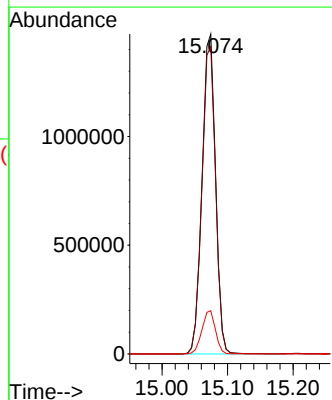
Tgt Ion:166 Resp: 2110175

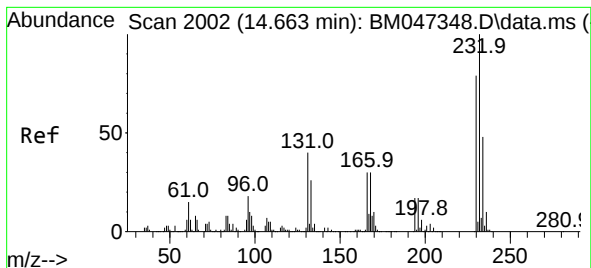
Ion Ratio Lower Upper

166 100

165 96.0 77.8 116.6

167 13.5 11.1 16.7

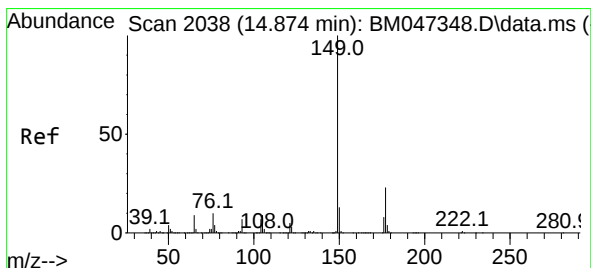
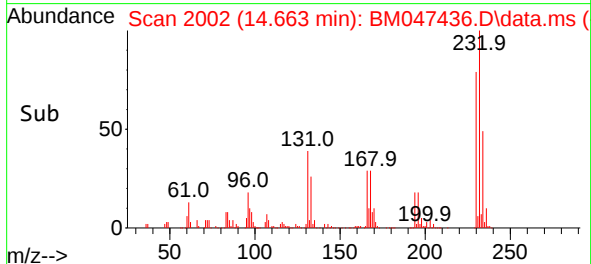
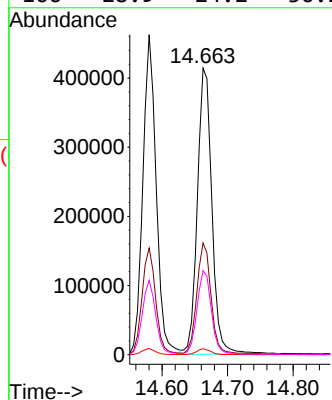
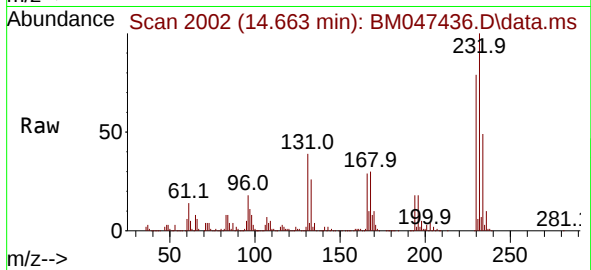




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.243 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

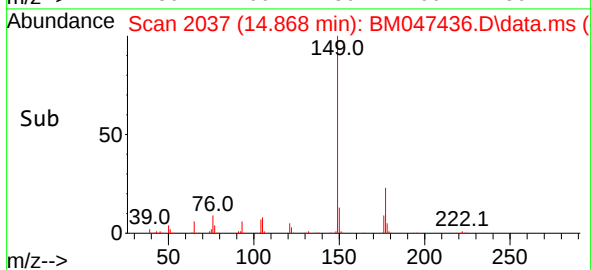
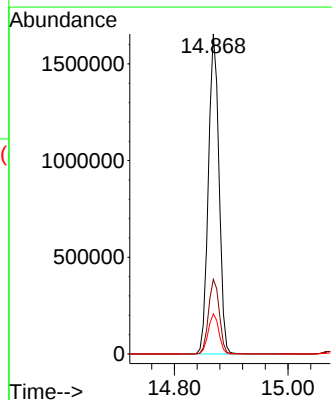
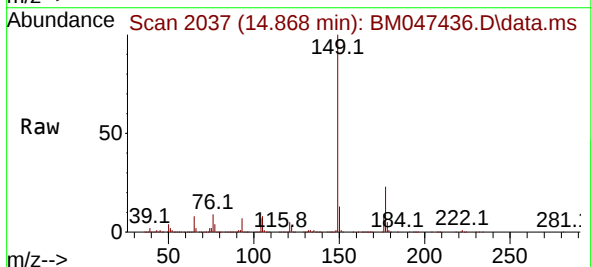
Instrument :
BNA_M
ClientSampleId :
PB163146BS

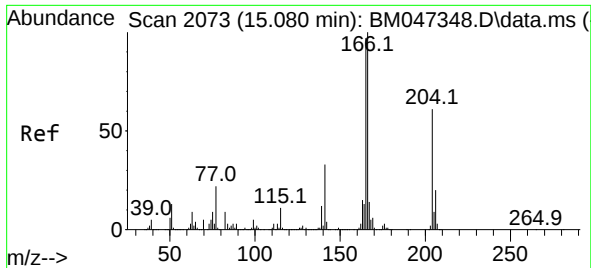
Tgt Ion:232 Resp: 638173
Ion Ratio Lower Upper
232 100
131 38.4 31.7 47.5
130 2.1 1.7 2.5
166 28.9 24.2 36.2



#60
Diethylphthalate
Concen: 38.449 ng
RT: 14.868 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:149 Resp: 2132081
Ion Ratio Lower Upper
149 100
177 23.3 18.6 28.0
150 12.6 10.2 15.4

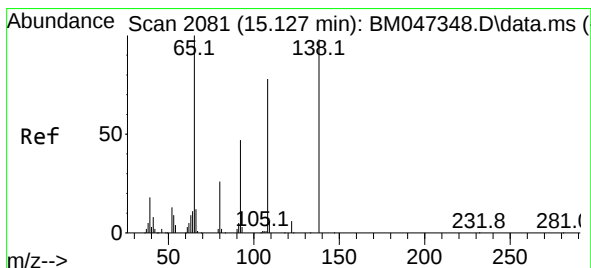
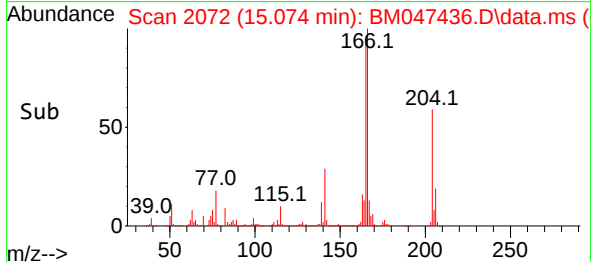
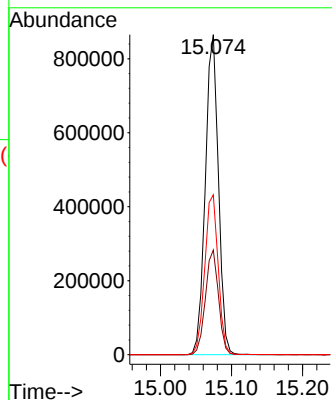
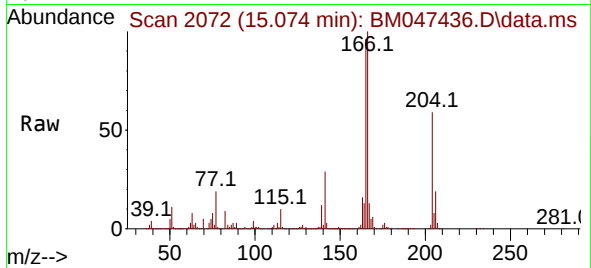




#61
4-Chlorophenyl-phenylether
Concen: 40.680 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

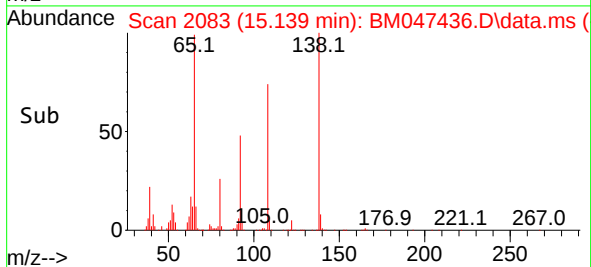
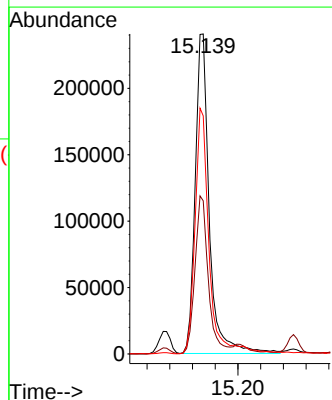
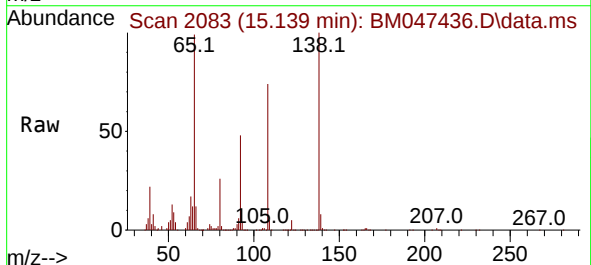
Instrument :
BNA_M
ClientSampleId :
PB163146BS

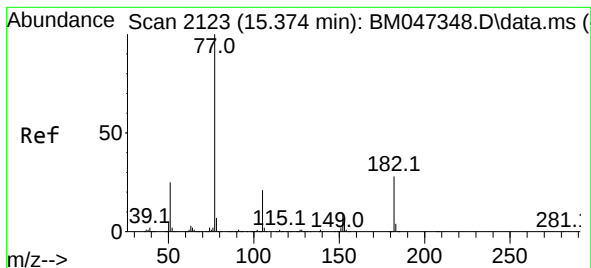
Tgt Ion:204 Resp: 1111131
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 50.0 42.8 64.2



#62
4-Nitroaniline
Concen: 37.291 ng
RT: 15.139 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:138 Resp: 416645
Ion Ratio Lower Upper
138 100
92 47.9 27.9 67.9
108 74.4 58.7 98.7





#63

Azobenzene

Concen: 38.514 ng

RT: 15.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

Tgt Ion: 77 Resp: 1859775

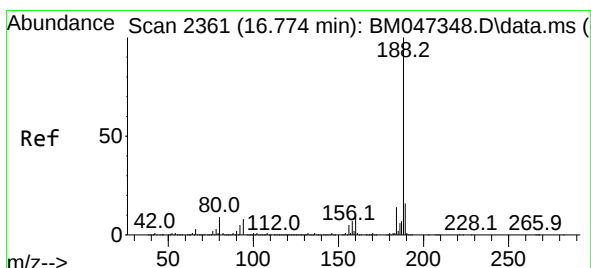
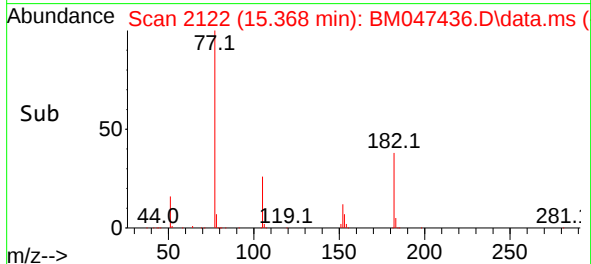
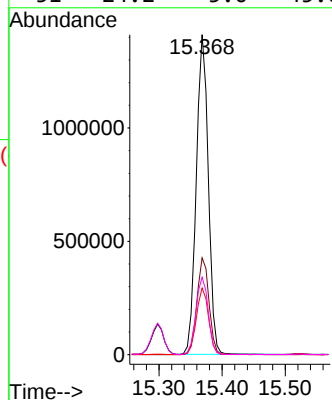
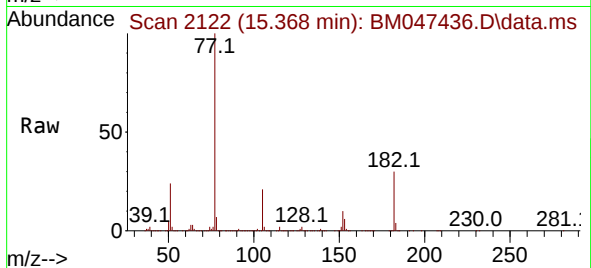
Ion Ratio Lower Upper

77 100

182 30.3 7.9 47.9

105 20.8 0.6 40.6

51 24.2 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: BM047436.D

Acq: 04 Sep 2024 13:20

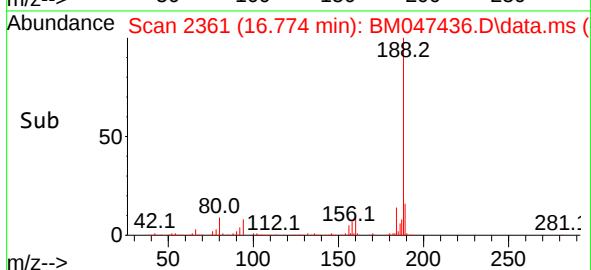
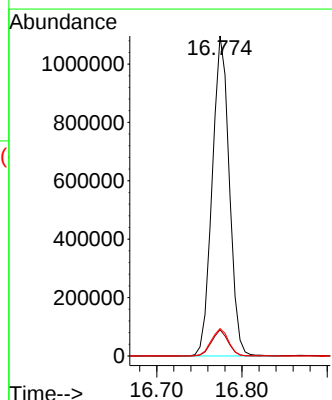
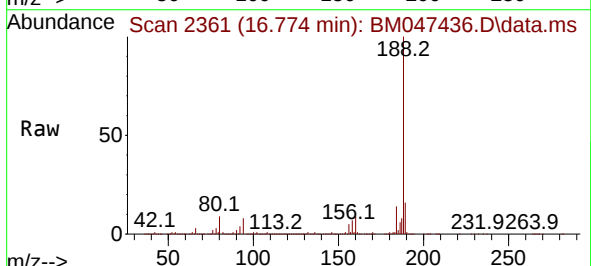
Tgt Ion:188 Resp: 1526857

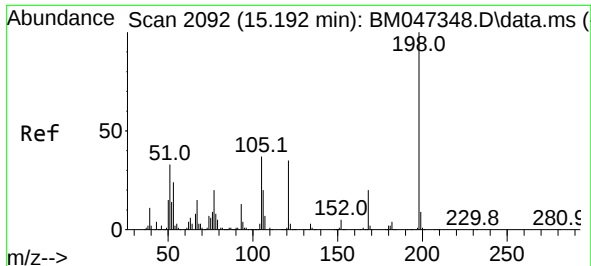
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.5 7.4 11.2

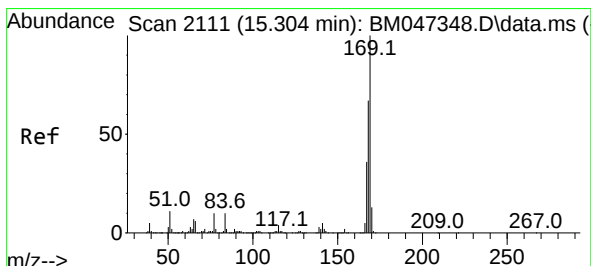
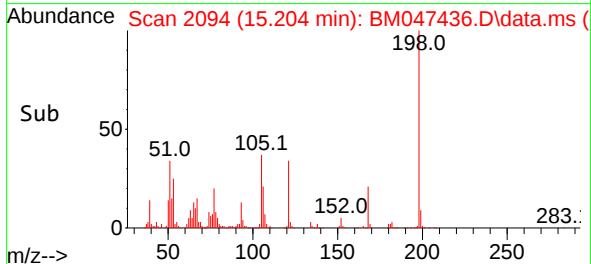
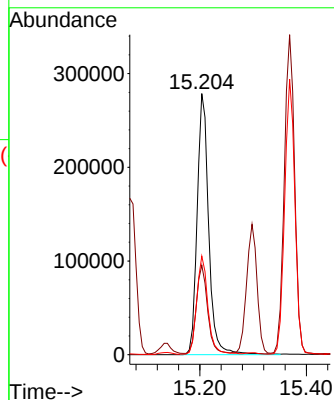
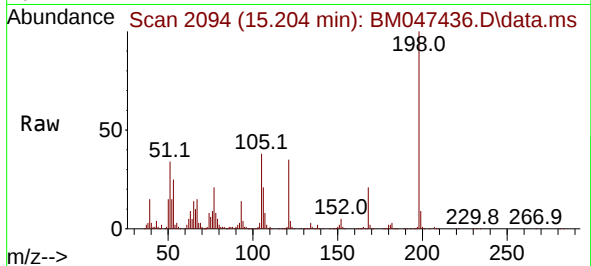




#65
4,6-Dinitro-2-methylphenol
Concen: 44.755 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

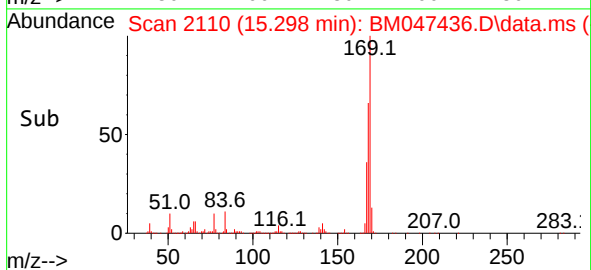
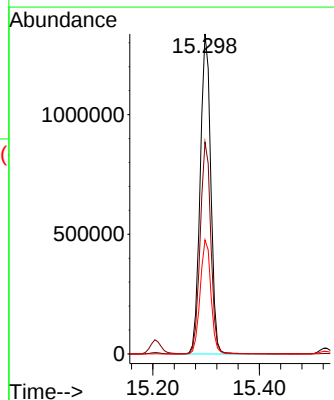
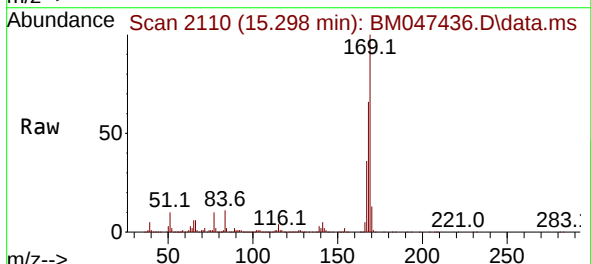
Instrument :
BNA_M
ClientSampleId :
PB163146BS

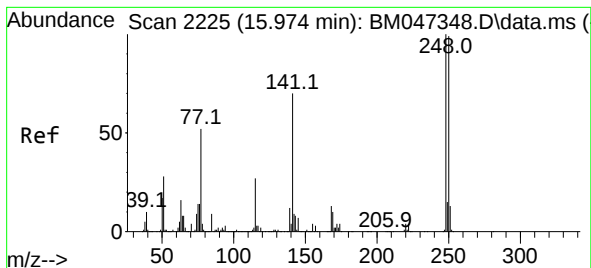
Tgt Ion:198 Resp: 419413
Ion Ratio Lower Upper
198 100
51 34.3 14.1 54.1
105 37.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 43.933 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:169 Resp: 1835490
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 35.6 29.0 43.4

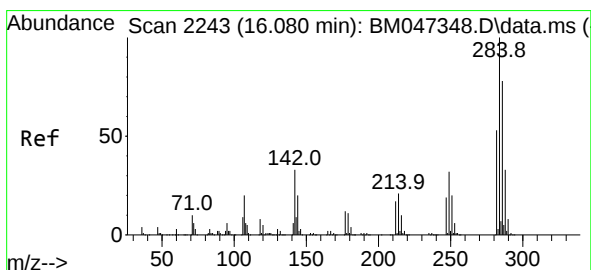
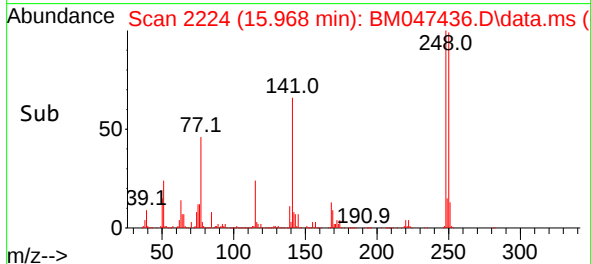
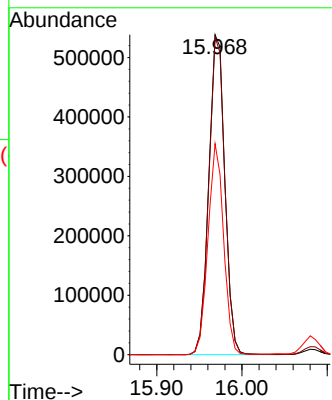
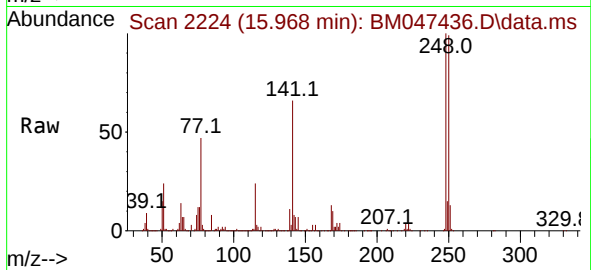




#67
4-Bromophenyl-phenylether
Concen: 43.742 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

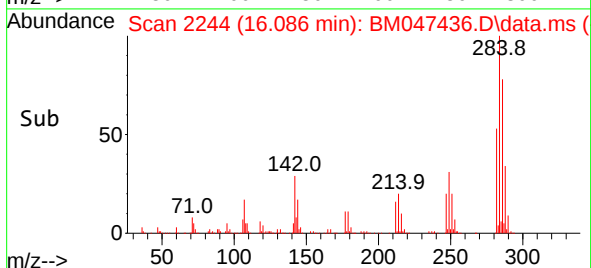
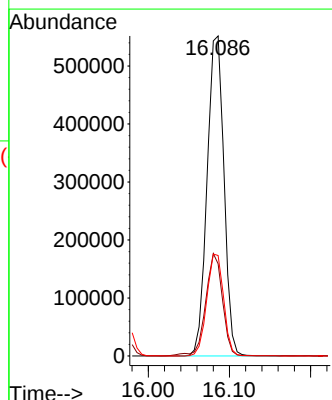
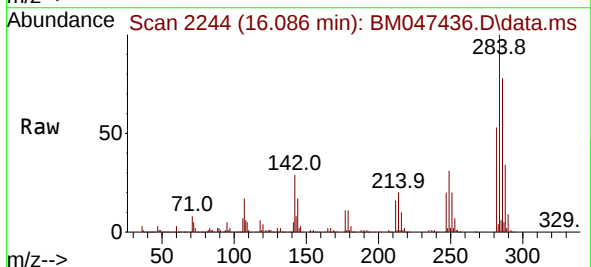
Instrument :
BNA_M
ClientSampleId :
PB163146BS

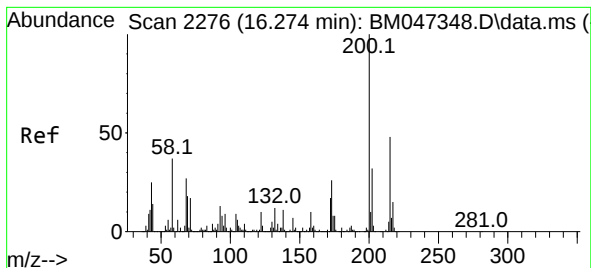
Tgt Ion:248 Resp: 704584
Ion Ratio Lower Upper
248 100
250 99.3 78.8 118.2
141 66.0 55.9 83.9



#68
Hexachlorobenzene
Concen: 42.691 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:284 Resp: 794227
Ion Ratio Lower Upper
284 100
142 28.8 26.5 39.7
249 31.4 25.5 38.3





#69

Atrazine

Concen: 35.089 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

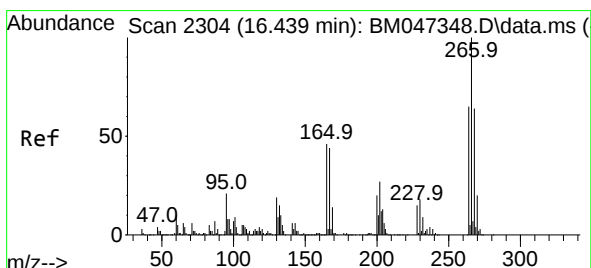
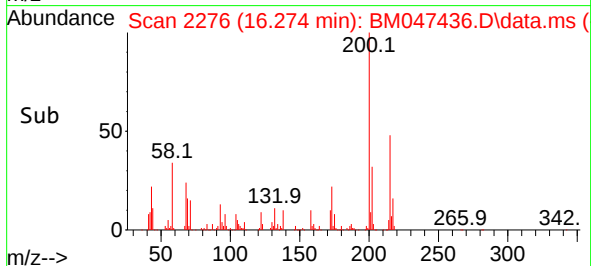
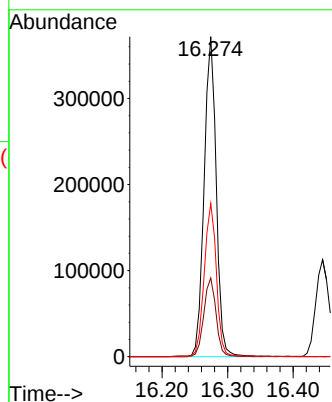
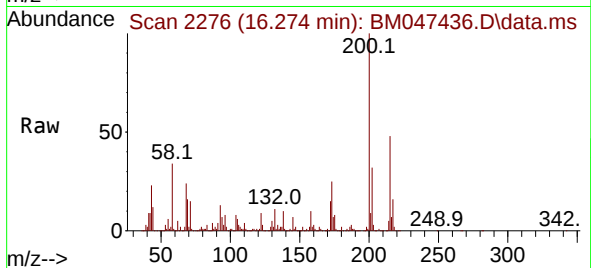
Tgt Ion:200 Resp: 479184

Ion Ratio Lower Upper

200 100

173 24.6 5.8 45.8

215 47.9 28.3 68.3



#70

Pentachlorophenol

Concen: 75.950 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

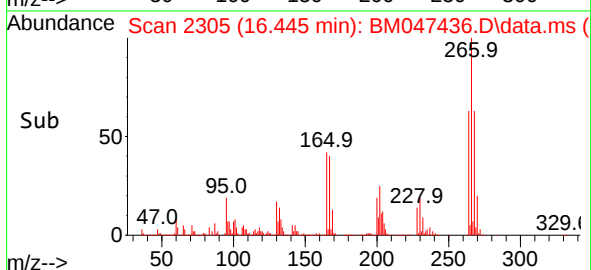
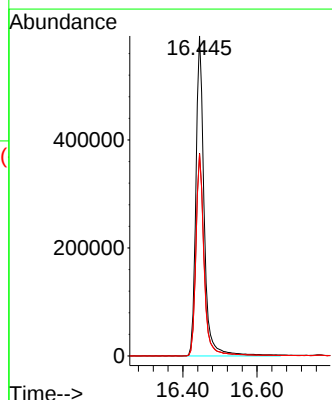
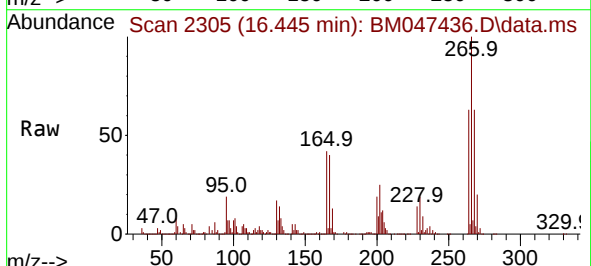
Tgt Ion:266 Resp: 913540

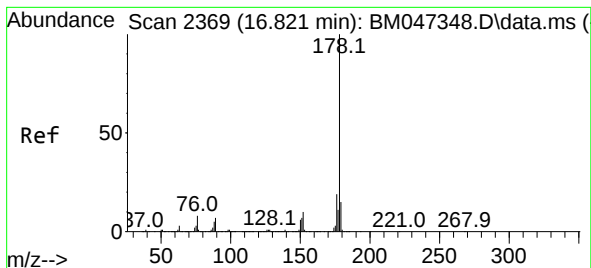
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.6

264 63.1 51.9 77.9





#71

Phenanthrene

Concen: 42.167 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

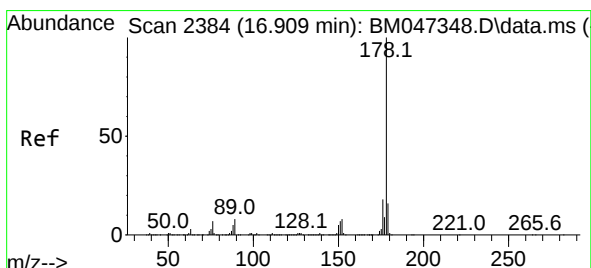
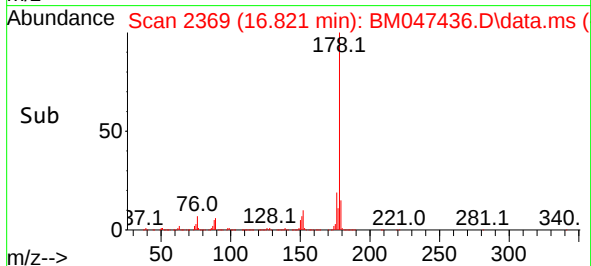
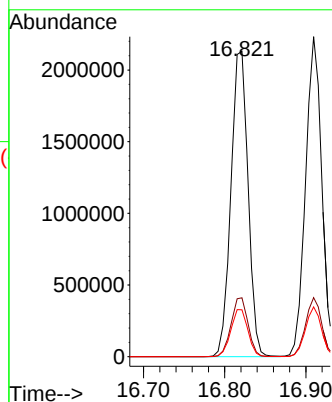
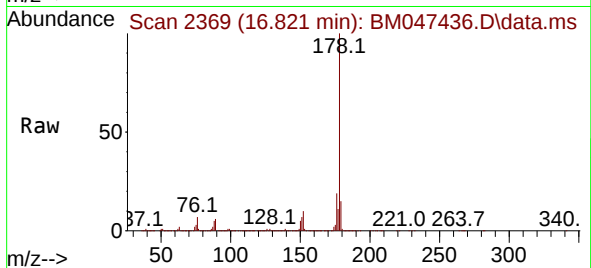
Tgt Ion:178 Resp: 3126720

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 43.193 ng

RT: 16.909 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

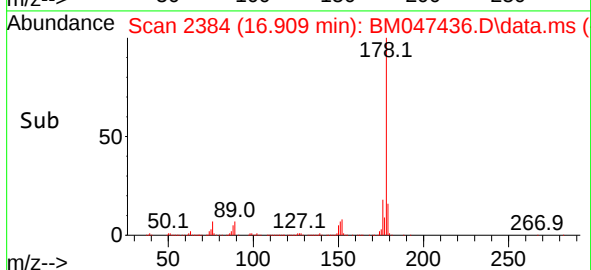
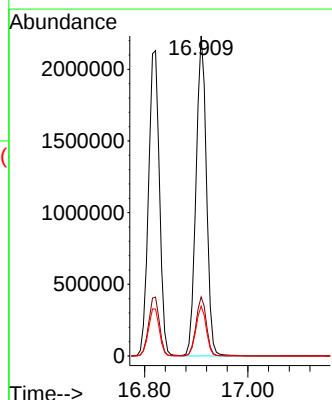
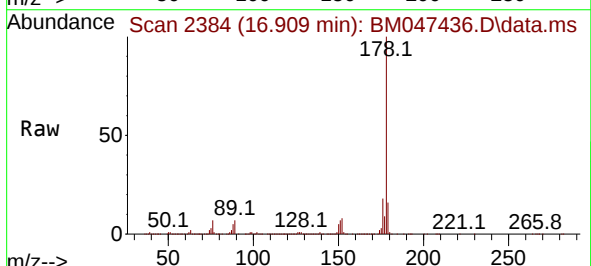
Tgt Ion:178 Resp: 3122166

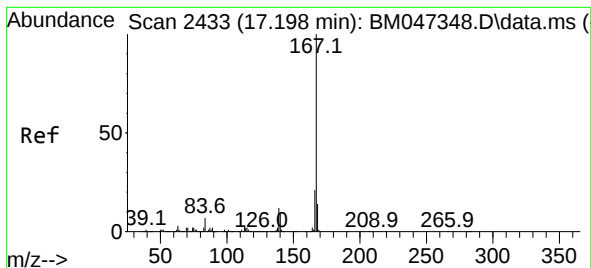
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.6 12.6 18.8





#73

Carbazole

Concen: 40.542 ng

RT: 17.198 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

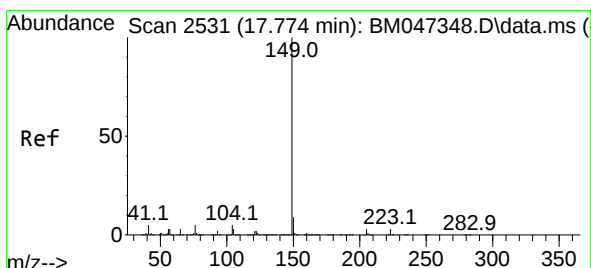
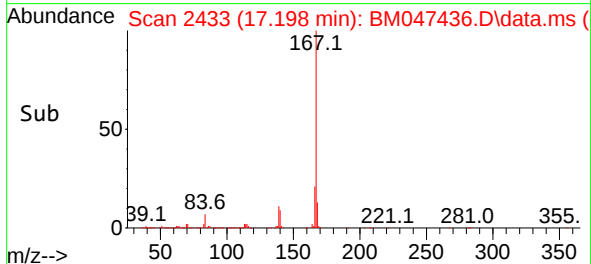
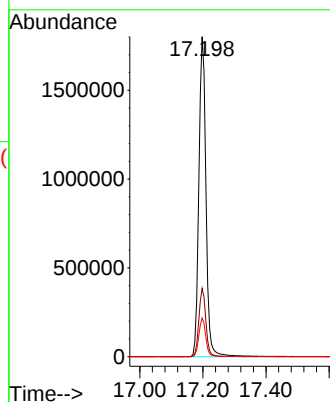
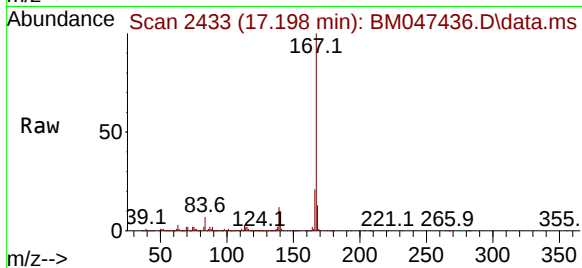
Tgt Ion:167 Resp: 2812178

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

139 12.0 9.5 14.3



#74

Di-n-butylphthalate

Concen: 39.652 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

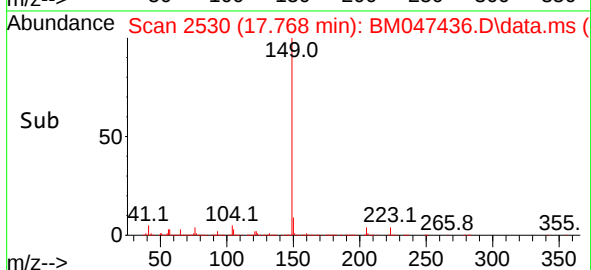
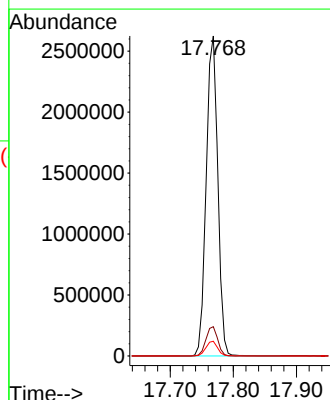
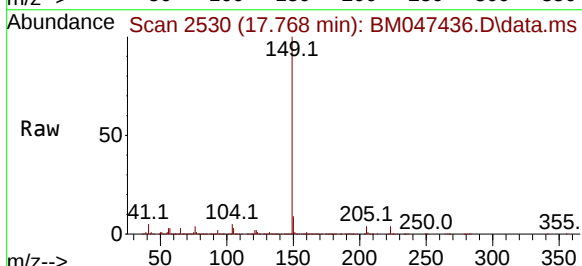
Tgt Ion:149 Resp: 3349170

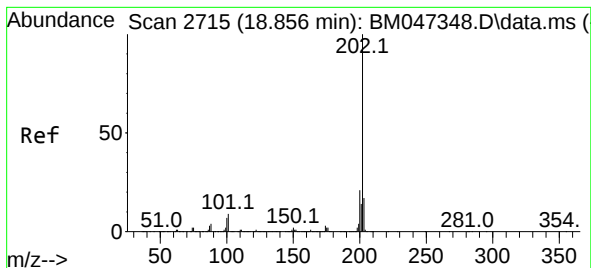
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 38.463 ng

RT: 18.856 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

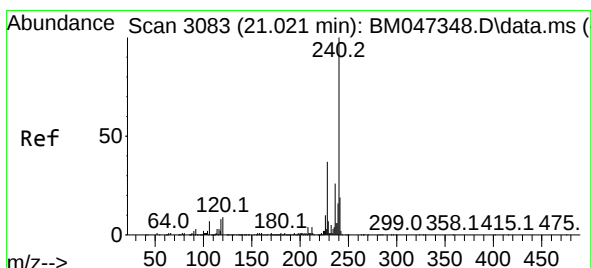
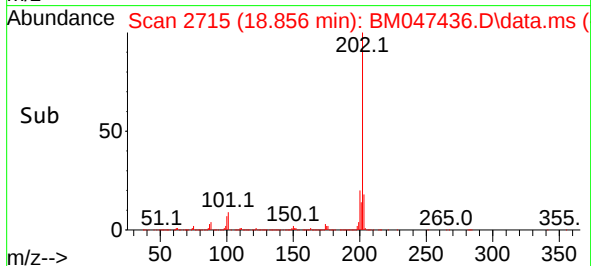
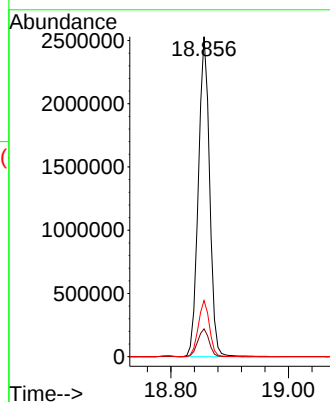
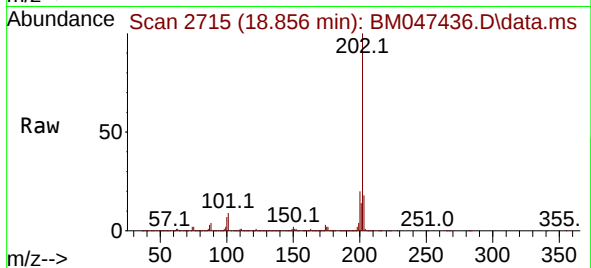
Tgt Ion:202 Resp: 3348820

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

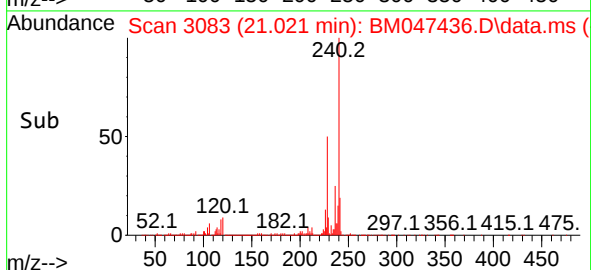
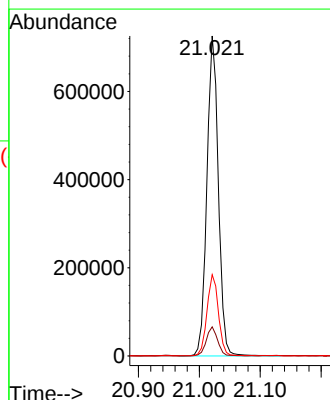
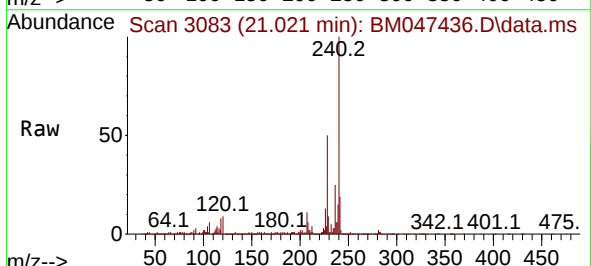
Tgt Ion:240 Resp: 948115

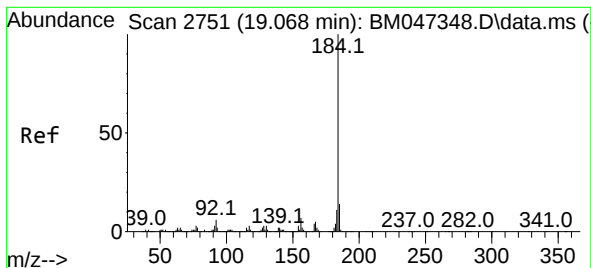
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 25.4 20.8 31.2





#77

Benzidine

Concen: 17.350 ng

RT: 19.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

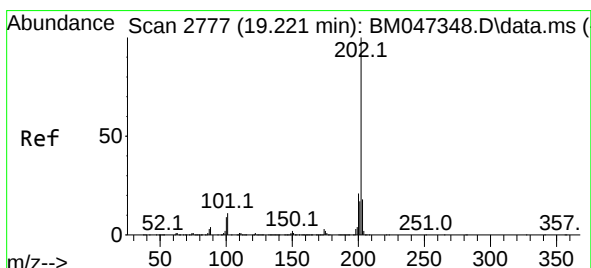
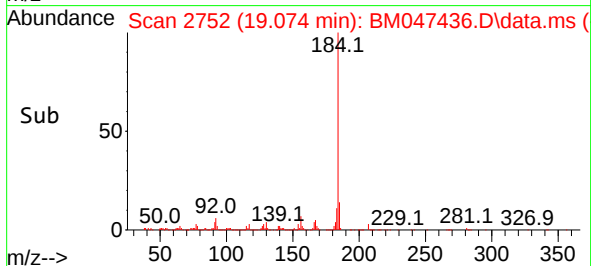
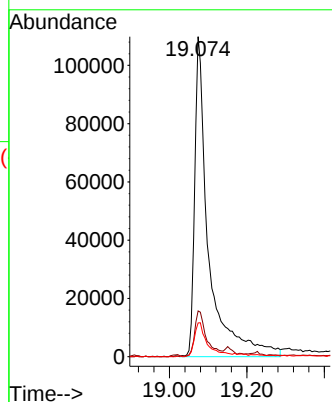
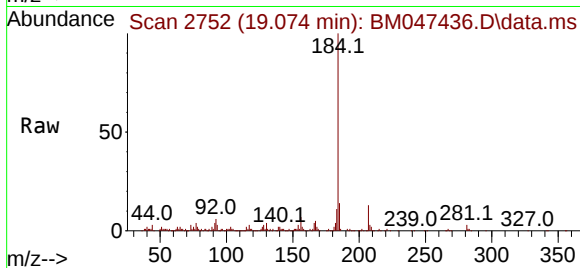
Tgt Ion:184 Resp: 274586

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 10.5 9.2 13.8



#78

Pyrene

Concen: 47.043 ng

RT: 19.221 min Scan# 2777

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

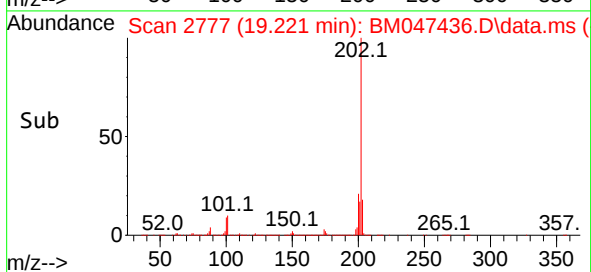
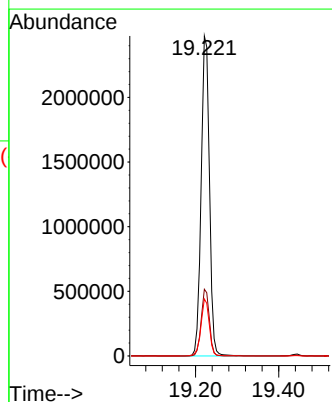
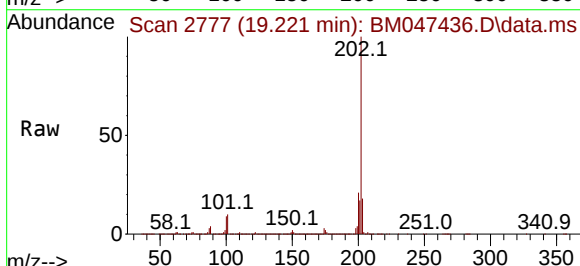
Tgt Ion:202 Resp: 3420853

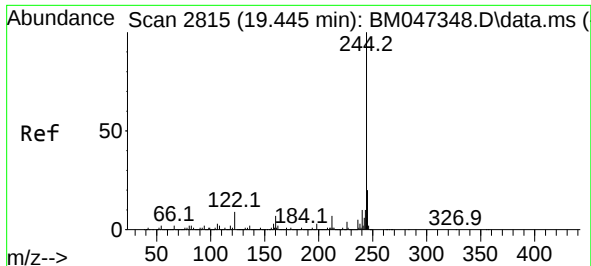
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.8 14.2 21.4

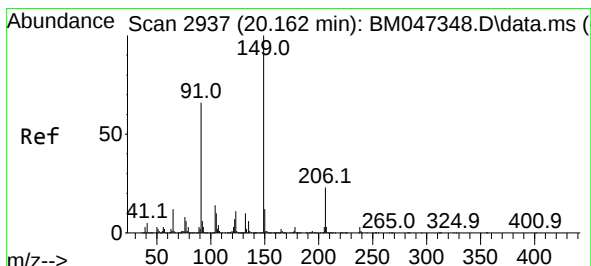
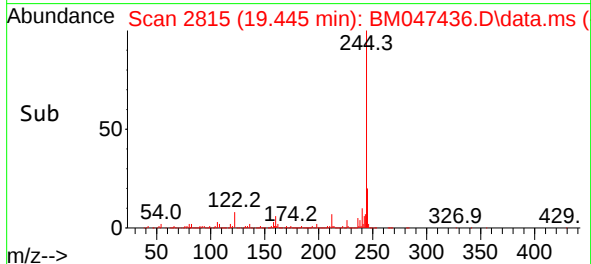
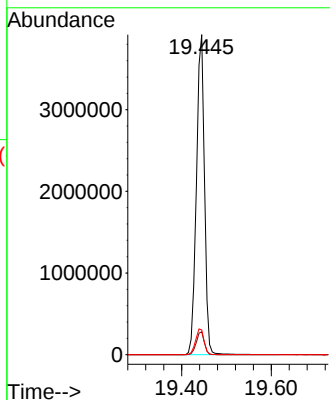
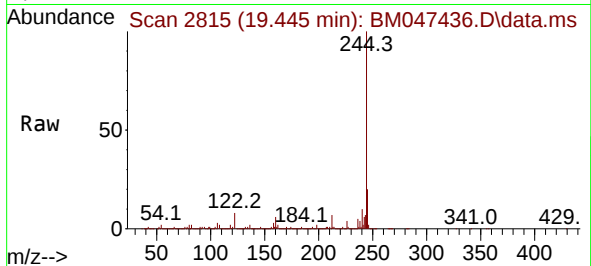




#79
 Terphenyl-d14
 Concen: 91.719 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047436.D
 Acq: 04 Sep 2024 13:20

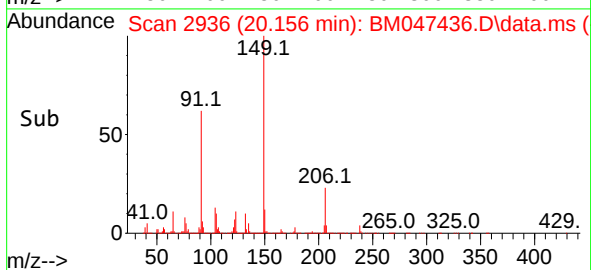
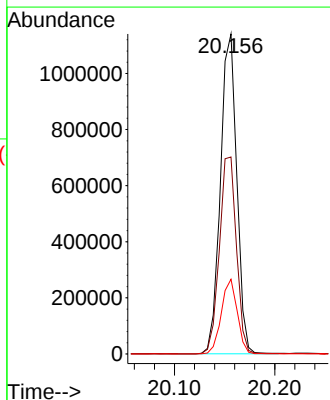
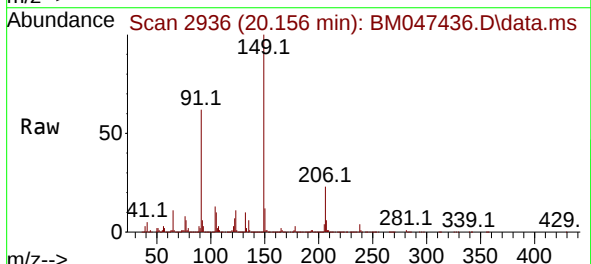
Instrument :
 BNA_M
 ClientSampleId :
 PB163146BS

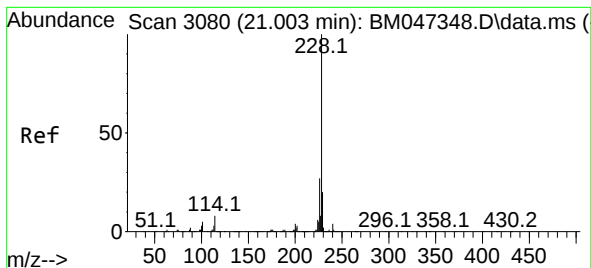
Tgt Ion:244 Resp: 4885519
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.8 7.0 10.4



#80
 Butylbenzylphthalate
 Concen: 45.263 ng
 RT: 20.156 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM047436.D
 Acq: 04 Sep 2024 13:20

Tgt Ion:149 Resp: 1288011
 Ion Ratio Lower Upper
 149 100
 91 61.5 52.6 79.0
 206 23.4 18.2 27.2





#81

Benzo(a)anthracene

Concen: 43.645 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

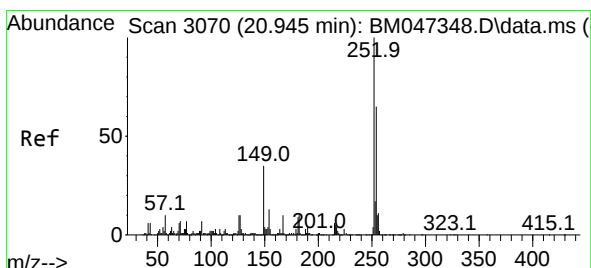
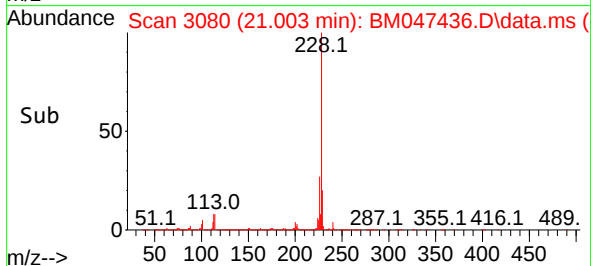
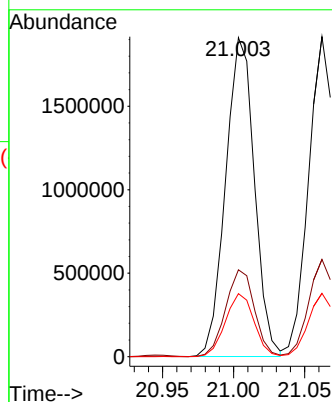
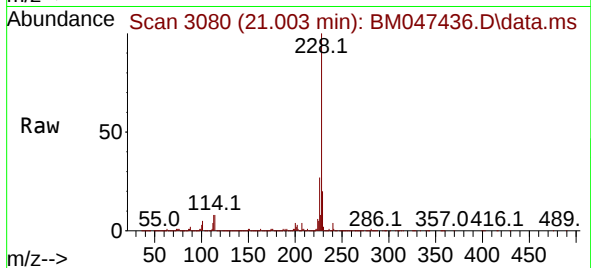
Tgt Ion:228 Resp: 2698566

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.153 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

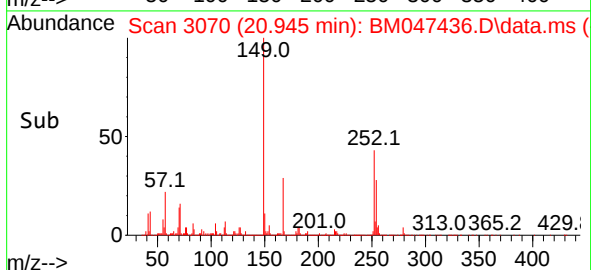
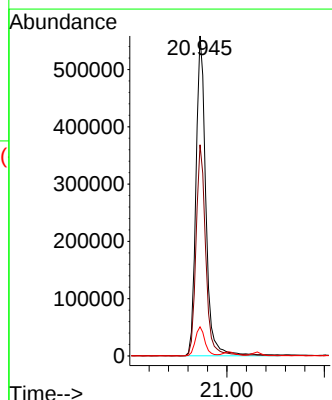
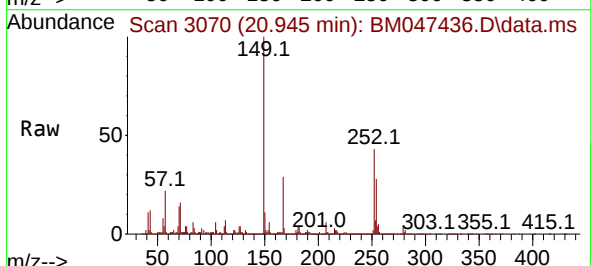
Tgt Ion:252 Resp: 793542

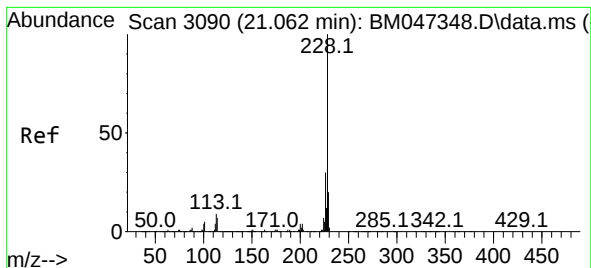
Ion Ratio Lower Upper

252 100

254 66.0 52.1 78.1

126 9.1 7.9 11.9





#83

Chrysene

Concen: 43.404 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

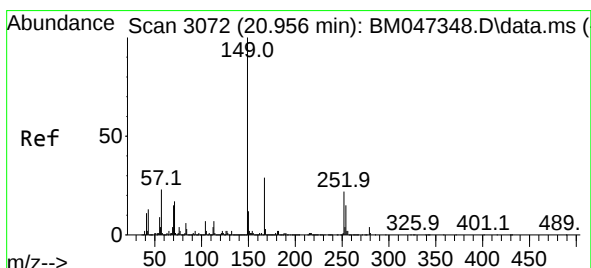
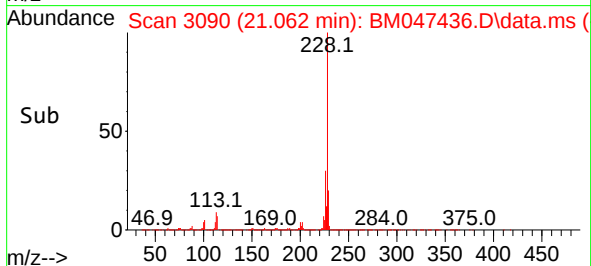
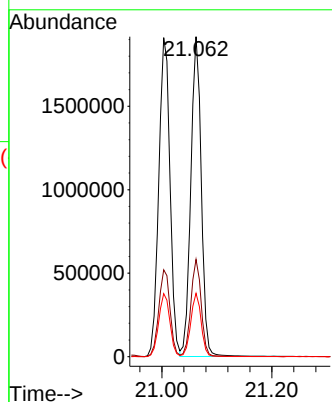
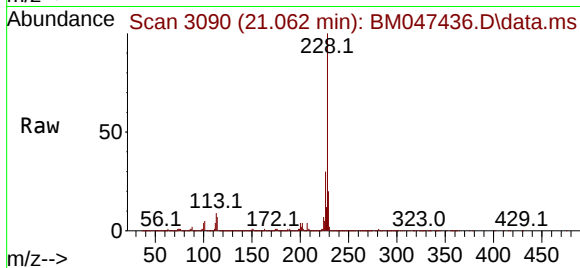
Tgt Ion:228 Resp: 2524455

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.959 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

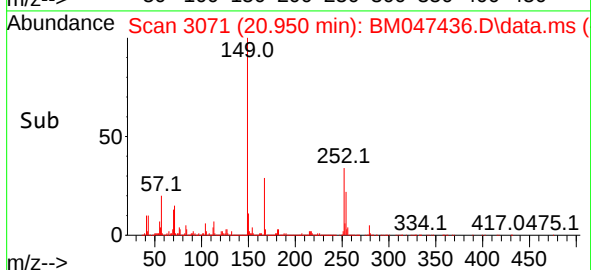
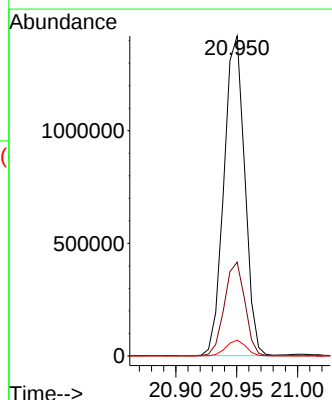
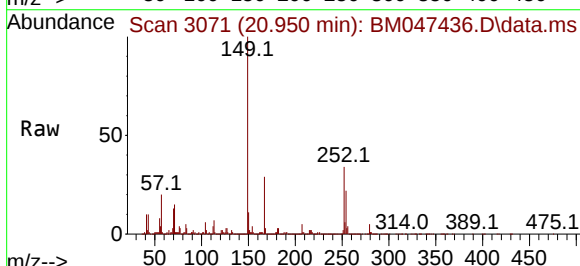
Tgt Ion:149 Resp: 1687541

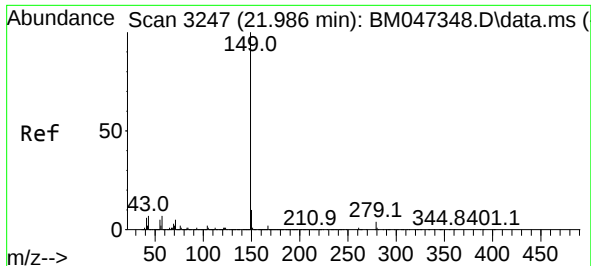
Ion Ratio Lower Upper

149 100

167 29.3 23.1 34.7

279 5.0 3.3 4.9#

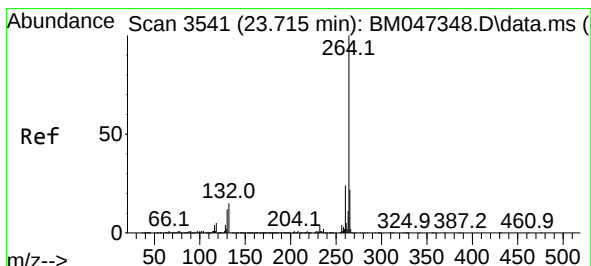
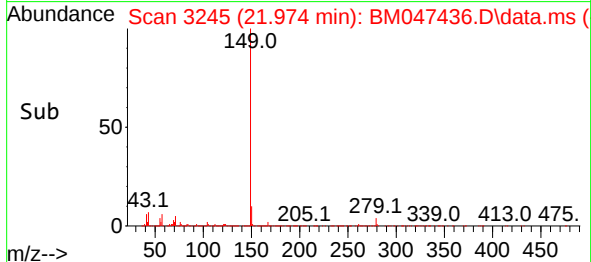
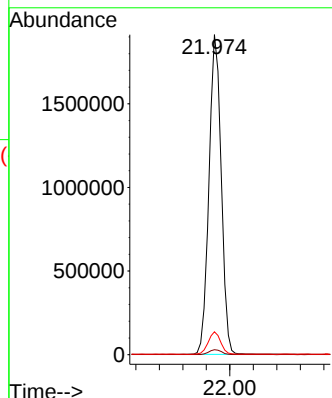
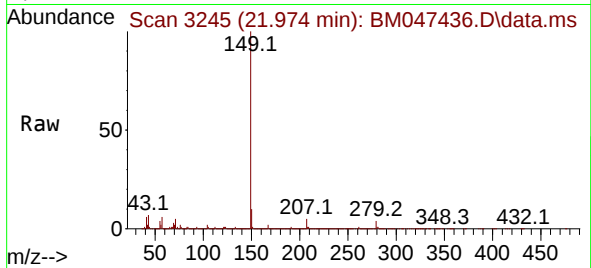




#85
Di-n-octyl phthalate
Concen: 40.677 ng
RT: 21.974 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

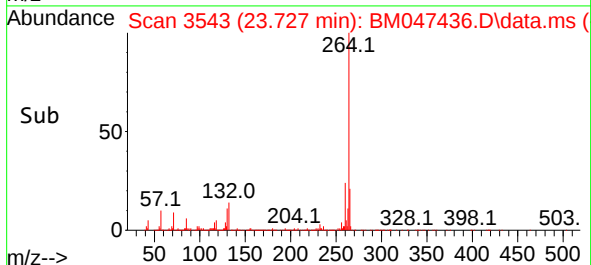
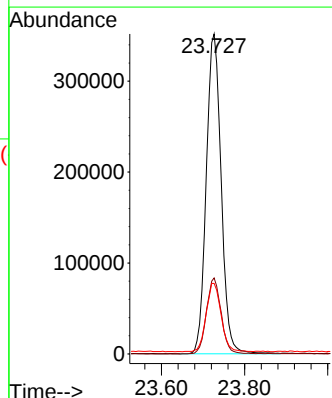
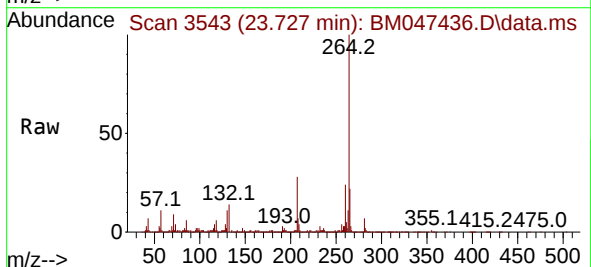
Instrument :
BNA_M
ClientSampleId :
PB163146BS

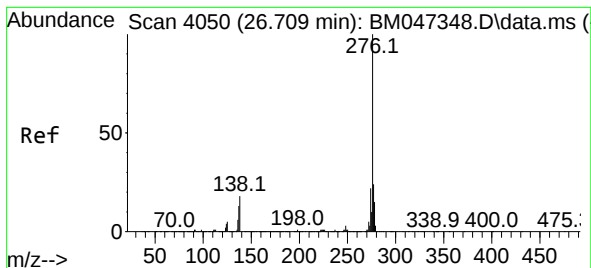
Tgt Ion:149 Resp: 2753555
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.1 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BM047436.D
Acq: 04 Sep 2024 13:20

Tgt Ion:264 Resp: 874818
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.424 ng

RT: 26.750 min Scan# 4057

Delta R.T. 0.041 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

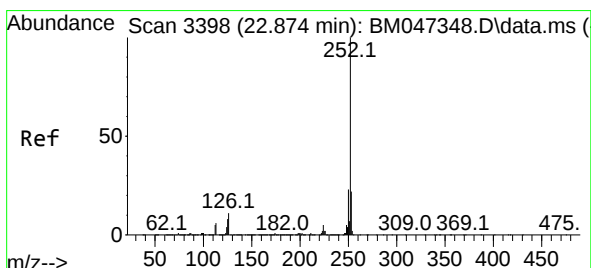
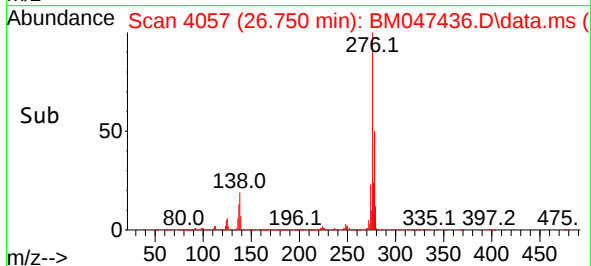
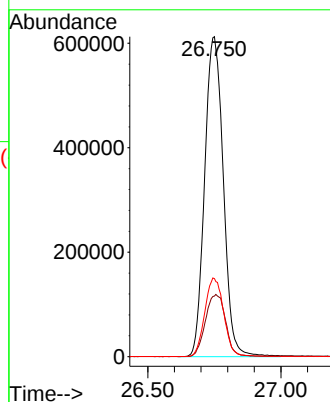
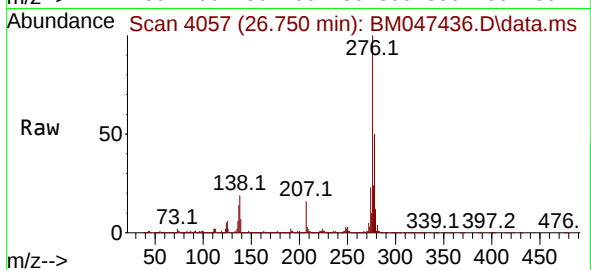
Tgt Ion:276 Resp: 2980432

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.192 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

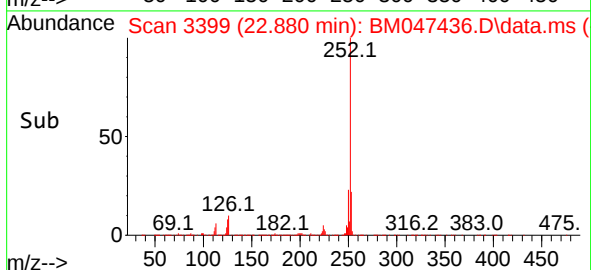
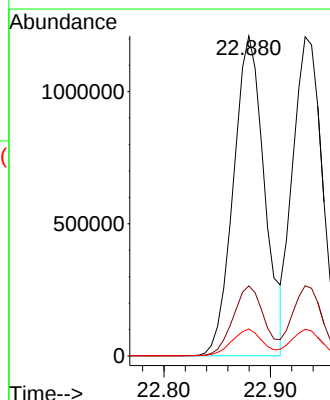
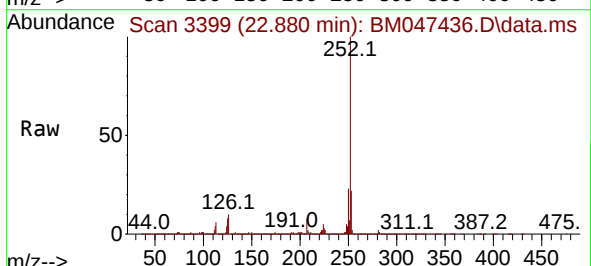
Tgt Ion:252 Resp: 2459663

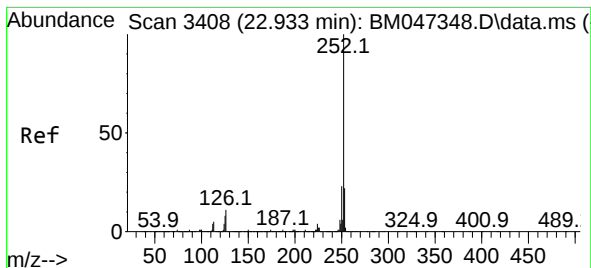
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.4 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 48.185 ng

RT: 22.933 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

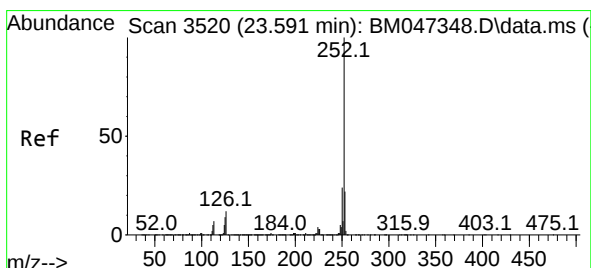
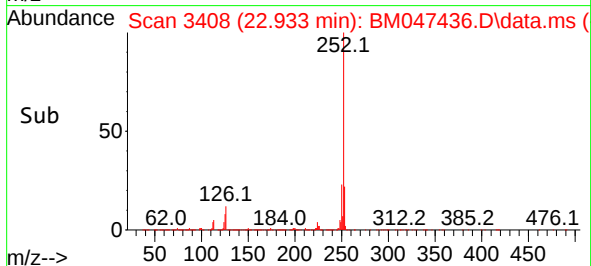
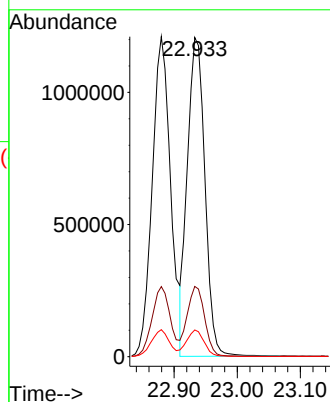
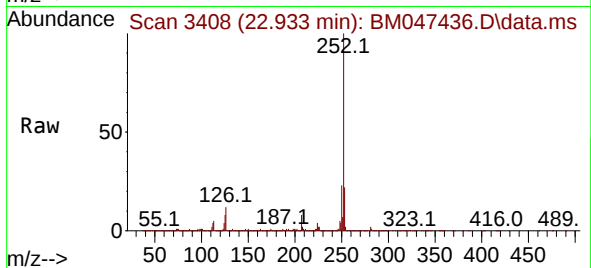
Tgt Ion:252 Resp: 2331346

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.4 6.6 9.8



#90

Benzo(a)pyrene

Concen: 50.986 ng

RT: 23.603 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

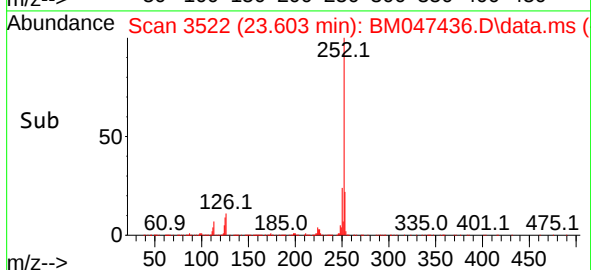
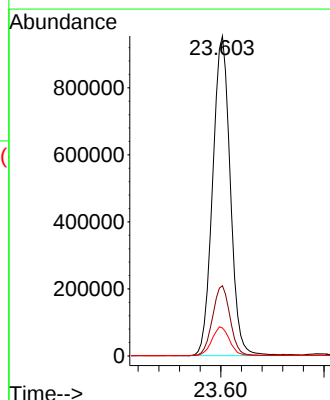
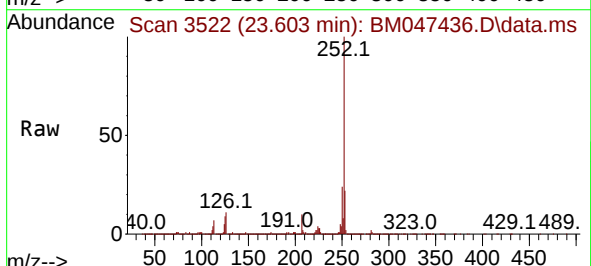
Tgt Ion:252 Resp: 2250401

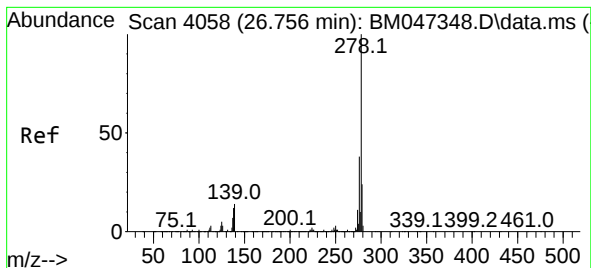
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 54.442 ng

RT: 26.779 min Scan# 4058

Delta R.T. 0.024 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Instrument :

BNA_M

ClientSampleId :

PB163146BS

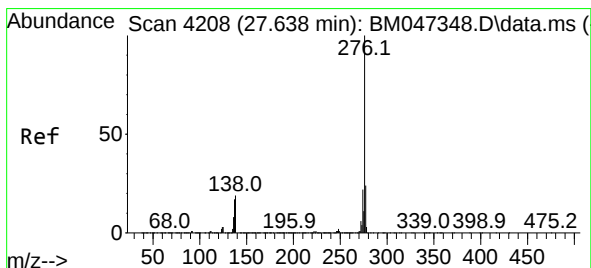
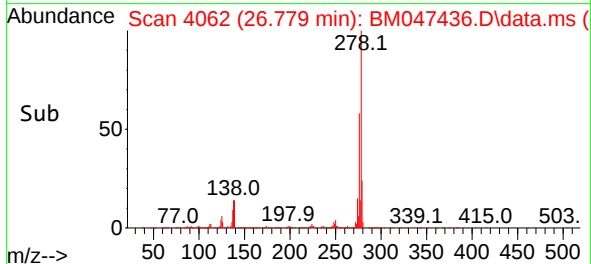
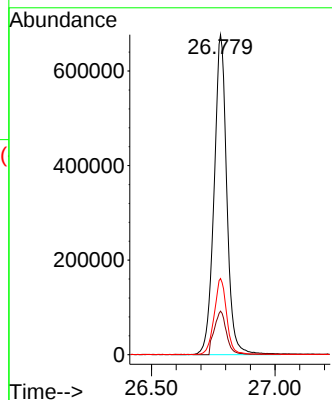
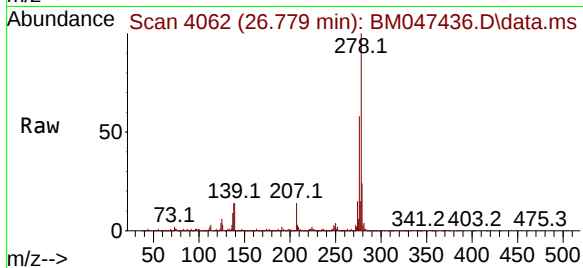
Tgt Ion:278 Resp: 2415309

Ion Ratio Lower Upper

278 100

139 13.6 11.1 16.7

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 53.039 ng

RT: 27.685 min Scan# 4216

Delta R.T. 0.047 min

Lab File: BM047436.D

Acq: 04 Sep 2024 13:20

Tgt Ion:276 Resp: 2446294

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 18.6 15.0 22.6

