

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047265.D
 Acq On : 20 Aug 2024 10:30
 Operator : RC/JU
 Sample : PB162798BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162798BS

Quant Time: Aug 20 11:47:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	394850	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	1380442	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	769634	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1337115	20.000	ng	0.00
76) Chrysene-d12	21.027	240	871812	20.000	ng	0.00
86) Perylene-d12	23.721	264	1045421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2657152	120.246	ng	0.00
7) Phenol-d6	6.587	99	3279749	107.714	ng	0.00
23) Nitrobenzene-d5	8.516	82	2133805	77.833	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	1034744	115.950	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	4470752	89.604	ng	-0.01
79) Terphenyl-d14	19.451	244	4640734	114.061	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	274014	29.928	ng	96
3) Pyridine	3.405	79	733911	27.335	ng	96
4) n-Nitrosodimethylamine	3.322	42	444040	37.855	ng	98
6) Aniline	6.716	93	732457	25.450	ng	98
8) 2-Chlorophenol	6.940	128	1081102	44.856	ng	98
9) Benzaldehyde	6.528	77	294411	14.385	ng	98
10) Phenol	6.610	94	1222182	40.226	ng	98
11) bis(2-Chloroethyl)ether	6.816	93	1052189	40.440	ng	97
12) 1,3-Dichlorobenzene	7.251	146	1224195	42.744	ng	98
13) 1,4-Dichlorobenzene	7.398	146	1237810	42.687	ng	98
14) 1,2-Dichlorobenzene	7.704	146	1192153	43.573	ng	99
15) Benzyl Alcohol	7.616	79	910775	42.029	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.887	45	1270083	38.041	ng	98
17) 2-Methylphenol	7.828	107	812745	40.097	ng	98
18) Hexachloroethane	8.410	117	474840	42.274	ng	95
19) n-Nitroso-di-n-propyla...	8.175	70	732028	35.692	ng	98
20) 3+4-Methylphenols	8.157	107	1086732	38.350	ng	99
22) Acetophenone	8.187	105	1327941	39.852	ng	98
24) Nitrobenzene	8.557	77	1130983	40.969	ng	97
25) Isophorone	9.081	82	1983848	41.560	ng	98
26) 2-Nitrophenol	9.251	139	598933	48.990	ng	97
27) 2,4-Dimethylphenol	9.334	122	697486	48.704	ng	99
28) bis(2-Chloroethoxy)met...	9.563	93	1279161	42.588	ng	99
29) 2,4-Dichlorophenol	9.786	162	1007979	47.437	ng	99
30) 1,2,4-Trichlorobenzene	9.986	180	1137592	47.308	ng	99
31) Naphthalene	10.169	128	2969252	43.177	ng	99
32) Benzoic acid	9.534	122	635987	38.225	ng	97
33) 4-Chloroaniline	10.298	127	520590	19.685	ng	99
34) Hexachlorobutadiene	10.451	225	714370	50.755	ng	99
35) Caprolactam	11.110	113	238717	32.350	ng	93
36) 4-Chloro-3-methylphenol	11.451	107	883188	39.028	ng	99
37) 2-Methylnaphthalene	11.792	142	2028211	41.423	ng	99
38) 1-Methylnaphthalene	12.022	142	1873476	38.715	ng	98
40) 1,2,4,5-Tetrachloroben...	12.180	216	1062022	50.591	ng	99
41) Hexachlorocyclopentadiene	12.151	237	1002039	136.700	ng	97
43) 2,4,6-Trichlorophenol	12.439	196	759160	50.880	ng	99

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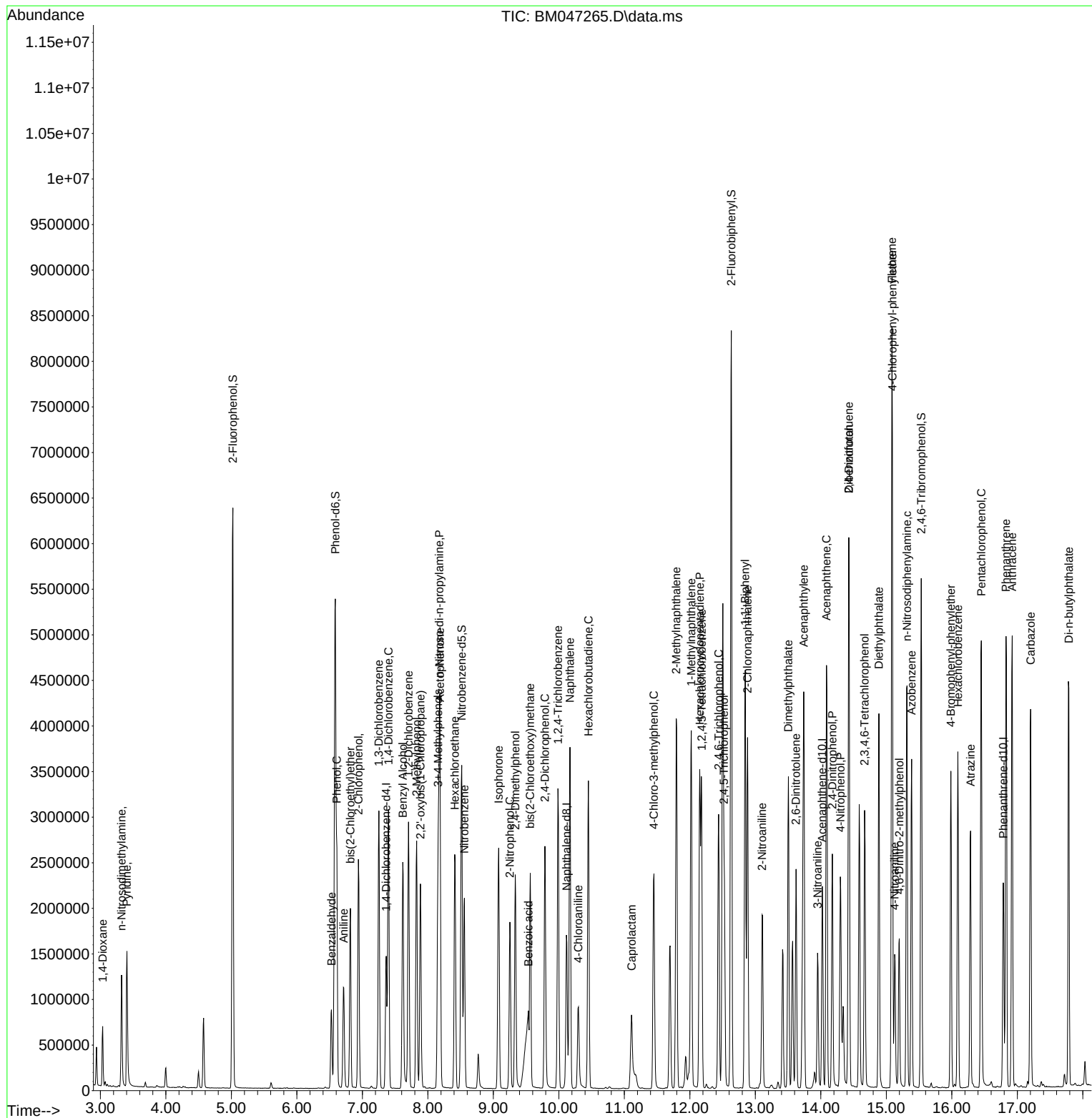
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	738643	44.587	ng	97
46) 1,1'-Biphenyl	12.845	154	2357686	43.030	ng	99
47) 2-Chloronaphthalene	12.880	162	1943602	45.385	ng	99
48) 2-Nitroaniline	13.104	65	539893	40.241	ng	99
49) Acenaphthylene	13.739	152	2995902	47.459	ng	100
50) Dimethylphthalate	13.504	163	2298132	42.754	ng	99
51) 2,6-Dinitrotoluene	13.622	165	517315	41.170	ng	91
52) Acenaphthene	14.086	154	1734740	43.323	ng	99
53) 3-Nitroaniline	13.951	138	377969	30.019	ng	98
54) 2,4-Dinitrophenol	14.174	184	591764	78.578	ng	92
55) Dibenzofuran	14.427	168	2743787	43.381	ng	98
56) 4-Nitrophenol	14.298	139	728894	67.135	ng	99
57) 2,4-Dinitrotoluene	14.427	165	643208	38.351	ng	97
58) Fluorene	15.086	166	2148762	41.174	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	614200	45.111	ng	94
60) Diethylphthalate	14.886	149	2170734	39.547	ng	98
61) 4-Chlorophenyl-phenyle...	15.092	204	1077680	43.376	ng	95
62) 4-Nitroaniline	15.127	138	395437	31.879	ng	98
63) Azobenzene	15.386	77	2002922	38.484	ng	95
65) 4,6-Dinitro-2-methylph...	15.198	198	389377	49.738	ng	89
66) n-Nitrosodiphenylamine	15.316	169	1813767	49.802	ng	100
67) 4-Bromophenyl-phenylether	15.986	248	674122	52.320	ng	98
68) Hexachlorobenzene	16.092	284	759972	49.249	ng	97
69) Atrazine	16.286	200	527405	48.124	ng	98
70) Pentachlorophenol	16.451	266	907441	83.889	ng	98
71) Phenanthrene	16.827	178	3065315	45.680	ng	100
72) Anthracene	16.921	178	3050543	46.720	ng	100
73) Carbazole	17.204	167	2717331	40.760	ng	99
74) Di-n-butylphthalate	17.786	149	3364337	43.371	ng	99
75) Fluoranthene	18.862	202	3164096	38.766	ng	99
77) Benzidine	19.068	184	478170	32.342	ng	99
78) Pyrene	19.227	202	3222545	51.768	ng	99
80) Butylbenzylphthalate	20.168	149	1317234	51.851	ng	96
81) Benzo(a)anthracene	21.009	228	2745507	47.438	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	829938	45.832	ng	100
83) Chrysene	21.068	228	2578444	46.957	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	1803813	50.068	ng	98
85) Di-n-octyl phthalate	21.997	149	3018420	49.291	ng	98
87) Indeno(1,2,3-cd)pyrene	26.732	276	4108257	60.797	ng	98
88) Benzo(b)fluoranthene	22.886	252	2861441	46.090	ng	99
89) Benzo(k)fluoranthene	22.939	252	2836242	48.366	ng	100
90) Benzo(a)pyrene	23.603	252	2817831	52.395	ng	99
91) Dibenzo(a,h)anthracene	26.774	278	3259606	59.606	ng	99
92) Benzo(g,h,i)perylene	27.662	276	3358530	59.152	ng	98

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

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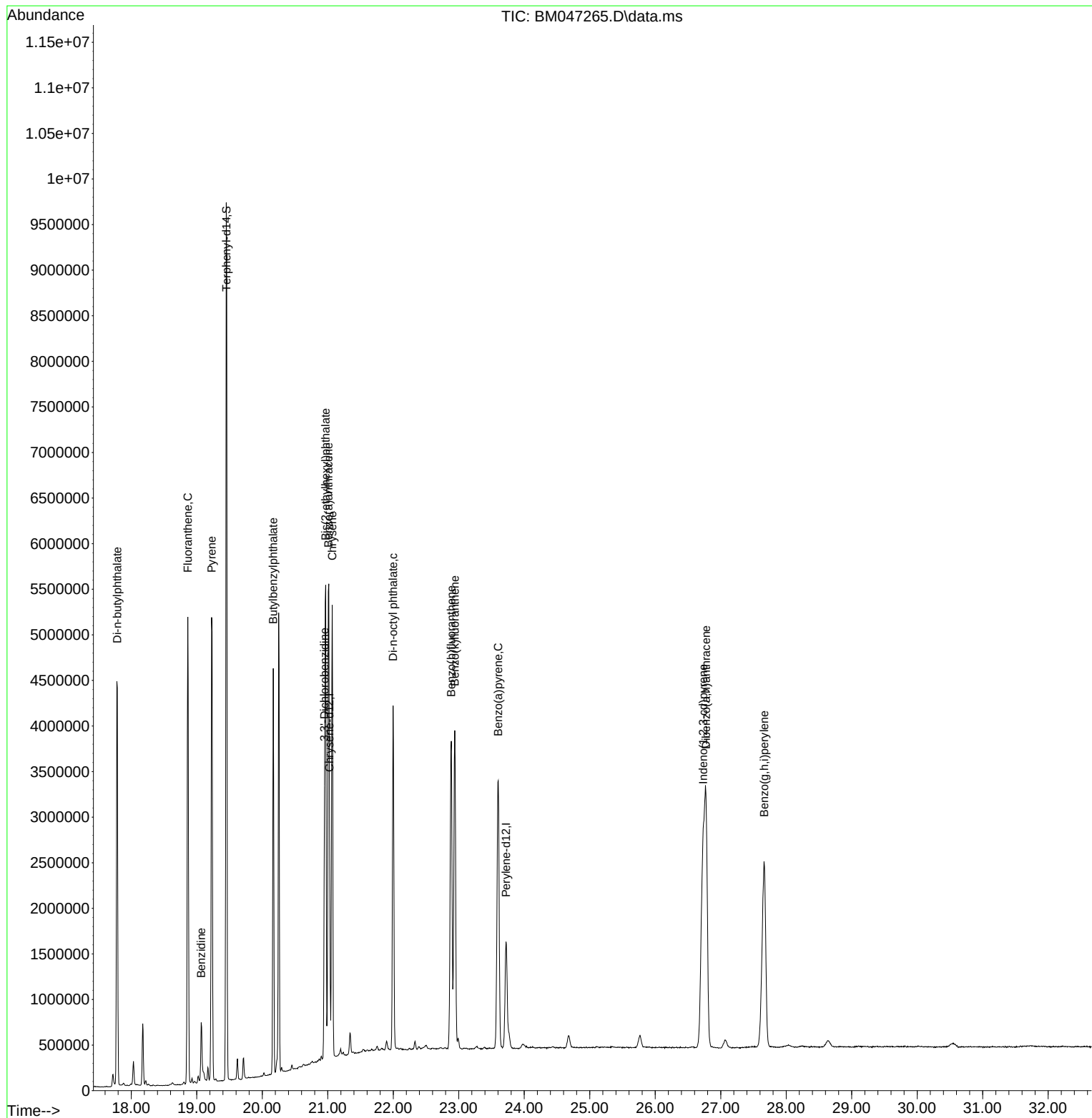
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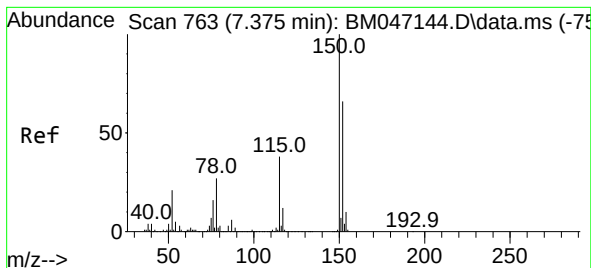


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.363 min Scan# 7

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

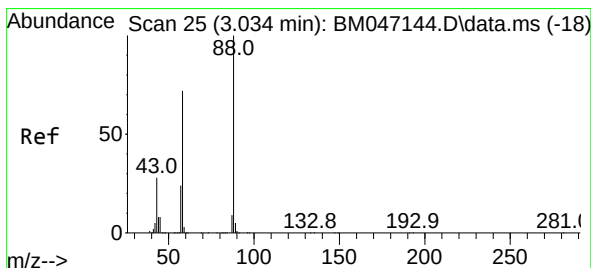
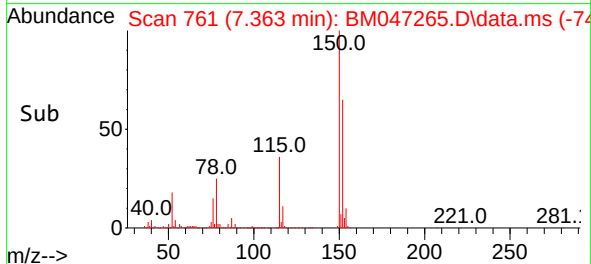
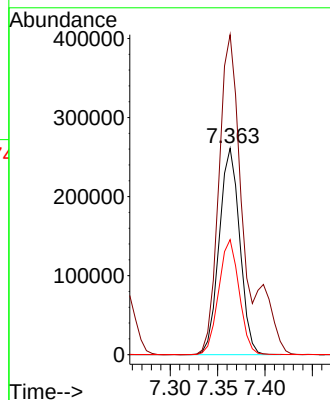
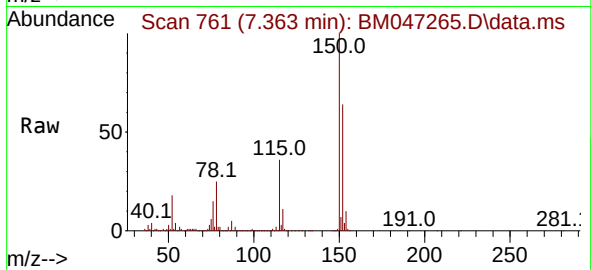
Tgt Ion:152 Resp: 394850

Ion Ratio Lower Upper

152 100

150 155.1 120.5 180.7

115 55.7 45.5 68.3



#2

1,4-Dioxane

Concen: 29.928 ng

RT: 3.034 min Scan# 25

Delta R.T. -0.000 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

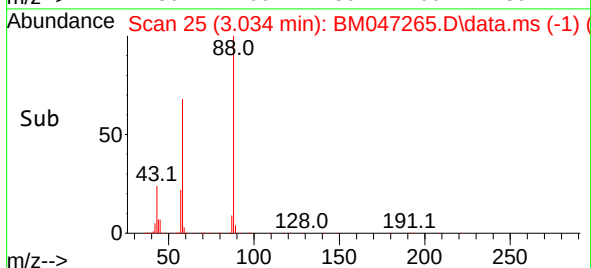
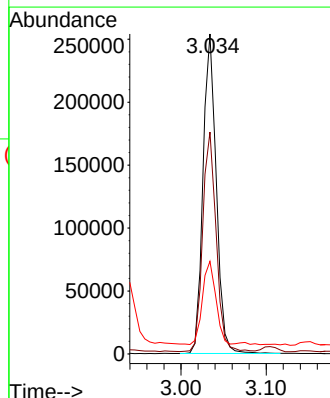
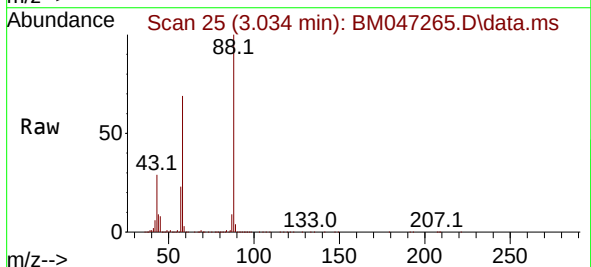
Tgt Ion: 88 Resp: 274014

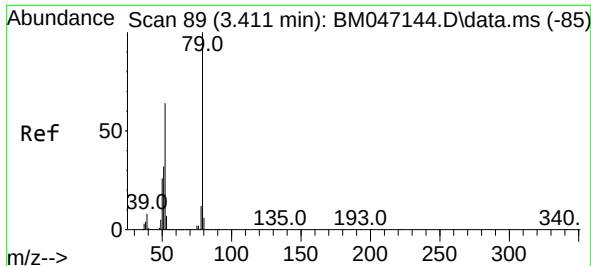
Ion Ratio Lower Upper

88 100

58 69.9 58.2 87.4

43 25.9 22.5 33.7

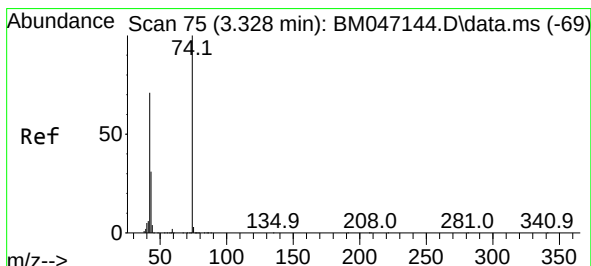
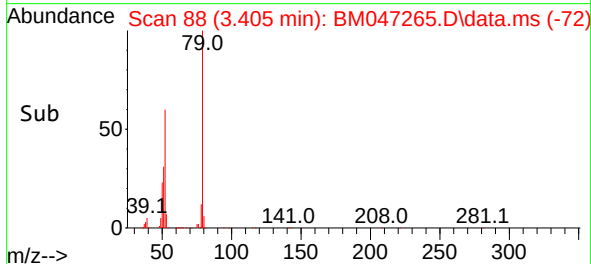
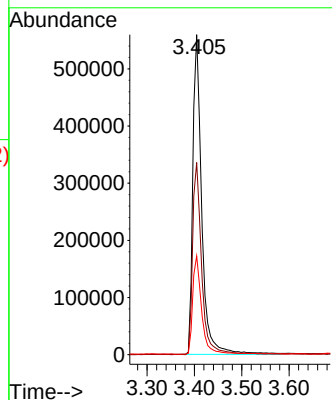
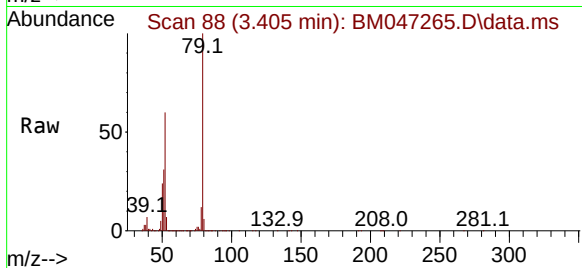




#3
 Pyridine
 Concen: 27.335 ng
 RT: 3.405 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BM047265.D
 Acq: 20 Aug 2024 10:30

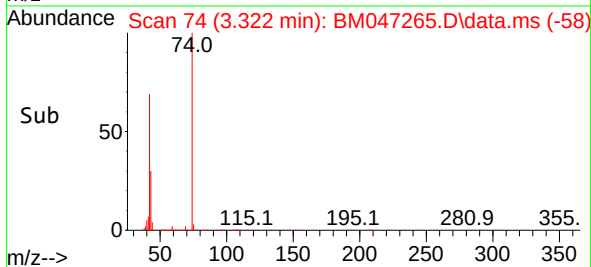
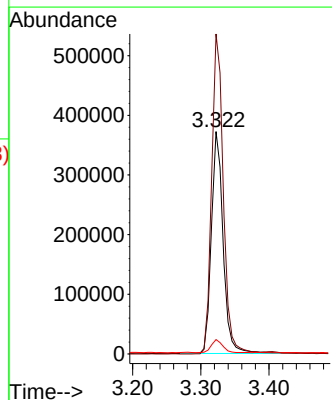
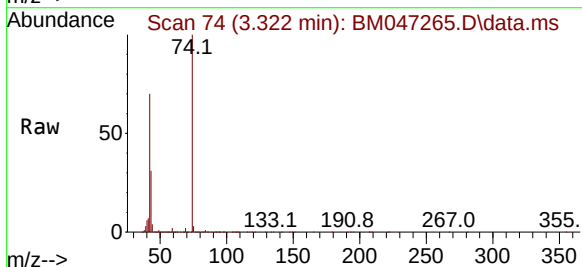
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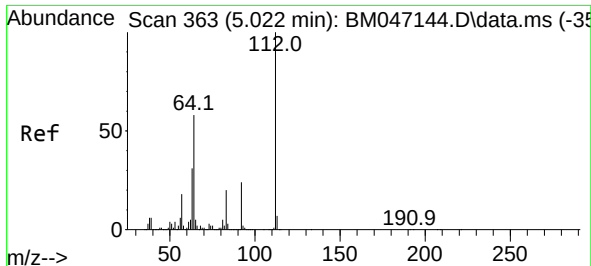
Tgt Ion: 79 Resp: 733911
 Ion Ratio Lower Upper
 79 100
 52 60.0 51.2 76.8
 51 30.8 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 37.855 ng
 RT: 3.322 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BM047265.D
 Acq: 20 Aug 2024 10:30

Tgt Ion: 42 Resp: 444040
 Ion Ratio Lower Upper
 42 100
 74 143.9 112.9 169.3
 44 6.5 5.3 7.9

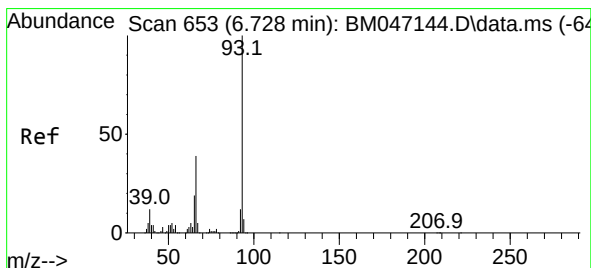
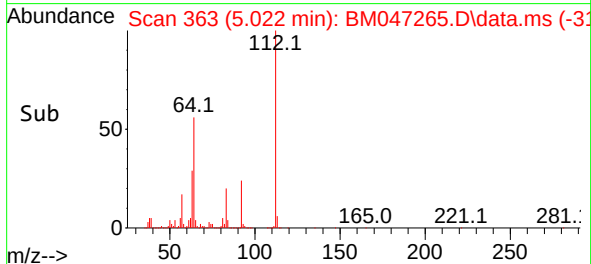
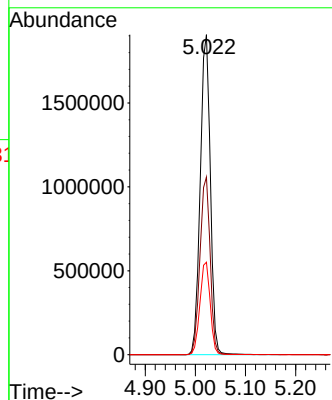
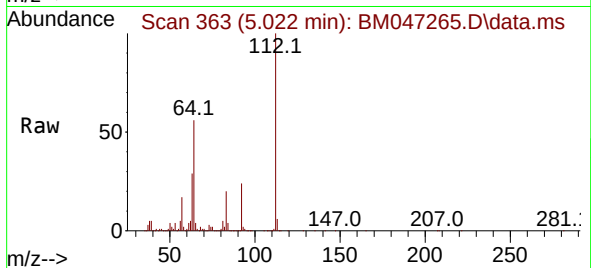




#5
2-Fluorophenol
Concen: 120.246 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047265.D
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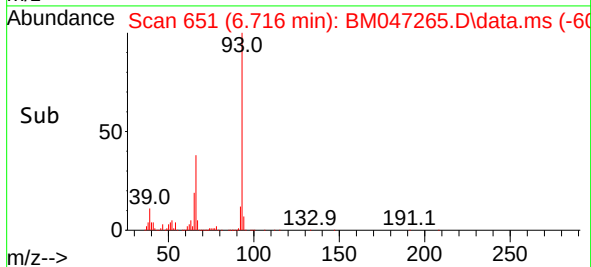
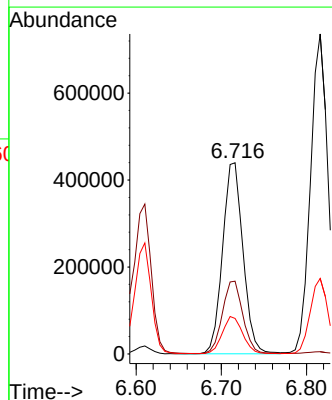
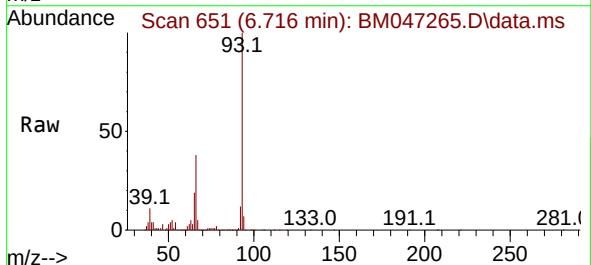
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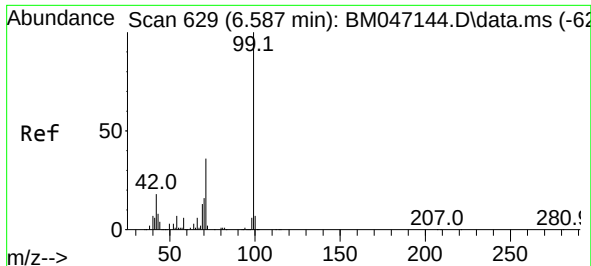
Tgt Ion:112 Resp: 2657152
Ion Ratio Lower Upper
112 100
64 55.5 46.7 70.1
63 28.9 24.8 37.2



#6
Aniline
Concen: 25.450 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 93 Resp: 732457
Ion Ratio Lower Upper
93 100
66 38.0 31.4 47.2
65 18.6 15.6 23.4



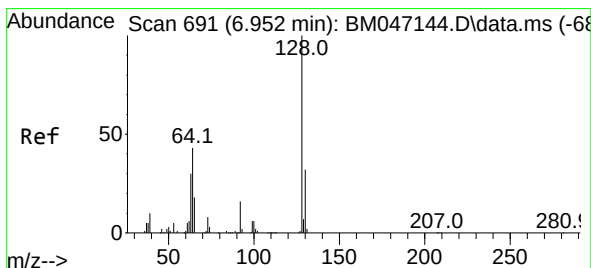
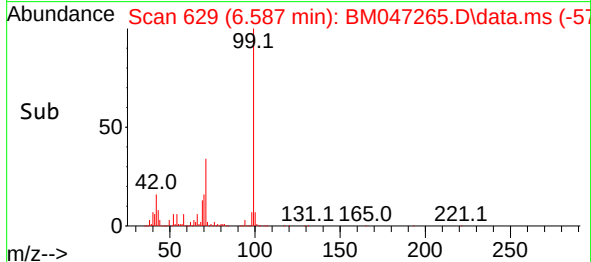
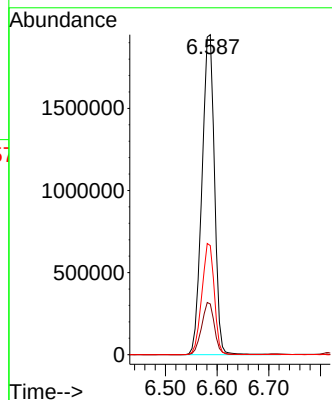
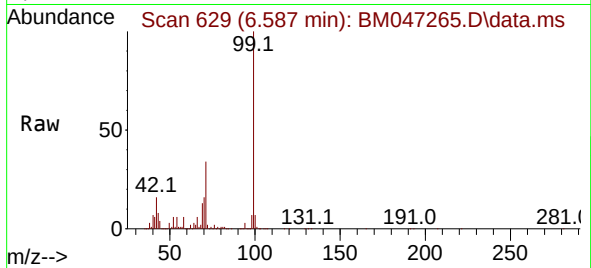


#7
Phenol-d6
Concen: 107.714 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

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ClientSampleId :
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Tgt Ion: 99 Resp: 3279749

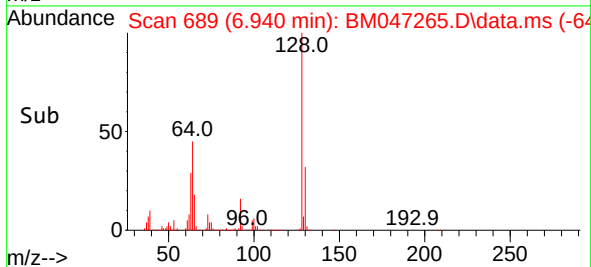
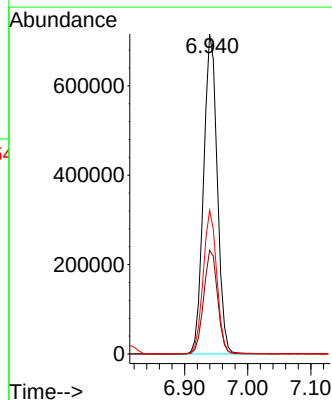
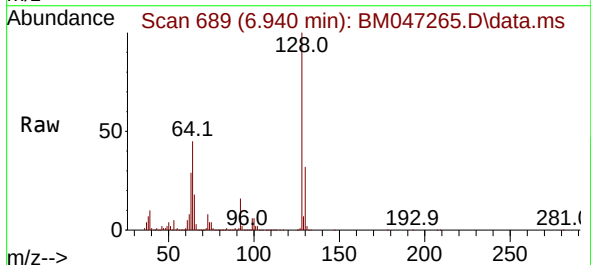
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	34.1	28.5	42.7

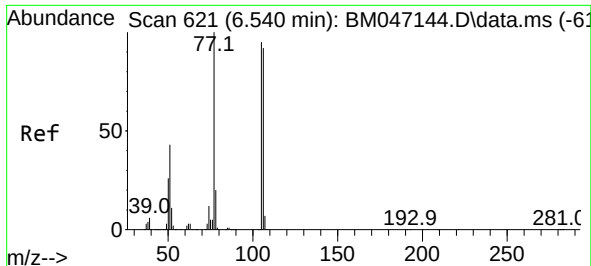


#8
2-Chlorophenol
Concen: 44.856 ng
RT: 6.940 min Scan# 689
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 128 Resp: 1081102

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	44.9	26.6	66.6

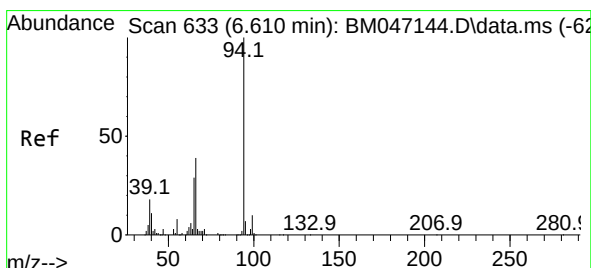
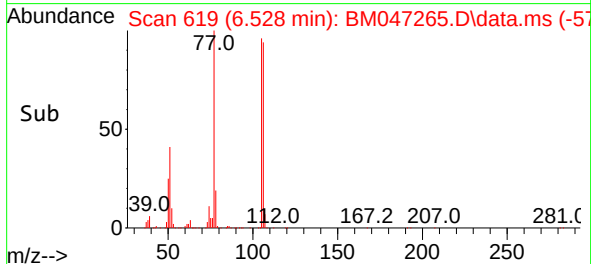
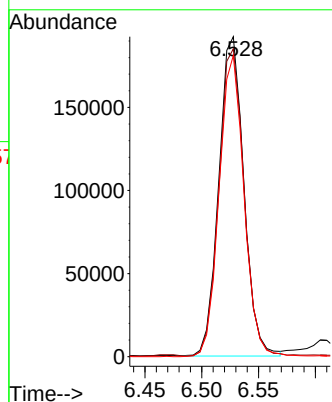
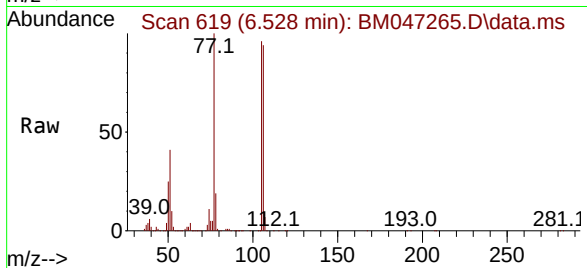




#9
Benzaldehyde
Concen: 14.385 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
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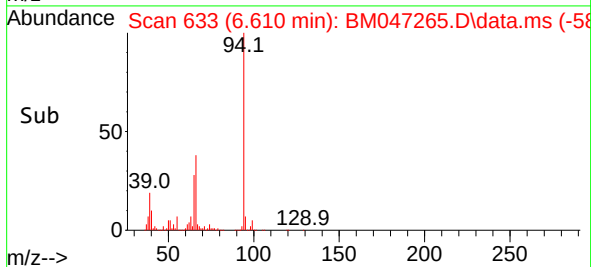
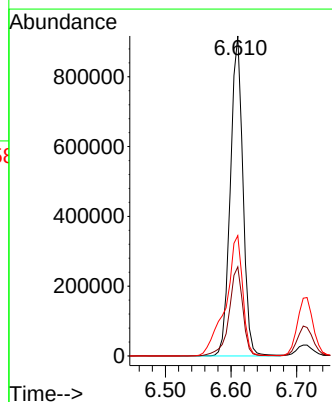
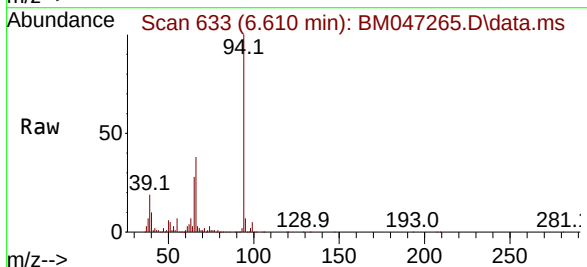
Instrument :
BNA_M
ClientSampleId :
PB162798BS

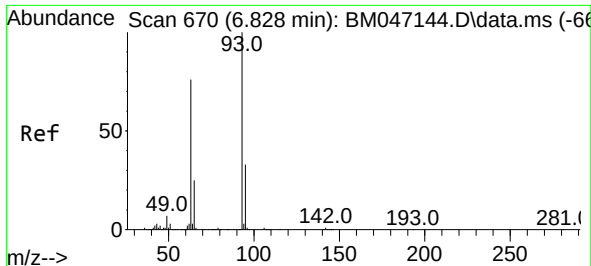
Tgt Ion: 77 Resp: 294411
Ion Ratio Lower Upper
77 100
105 96.2 74.5 114.5
106 94.2 72.3 112.3



#10
Phenol
Concen: 40.226 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 94 Resp: 1222182
Ion Ratio Lower Upper
94 100
65 27.8 9.0 49.0
66 37.6 18.9 58.9



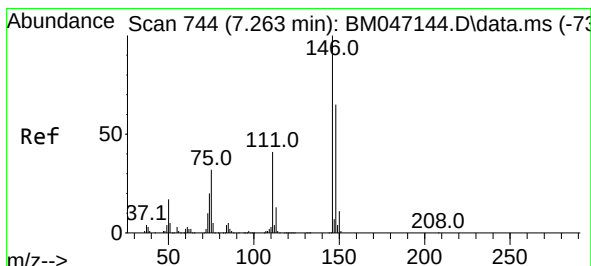
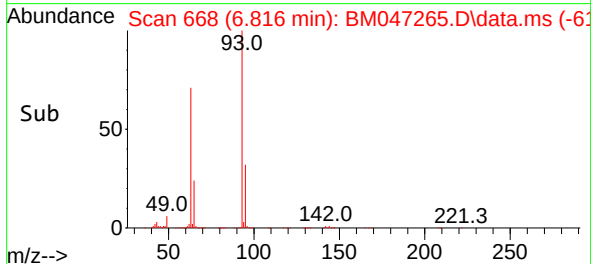
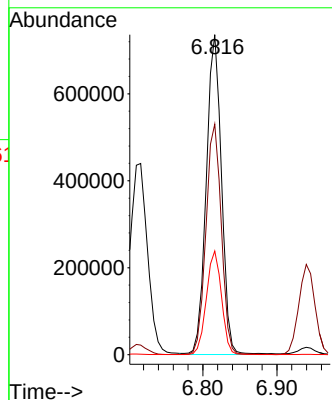
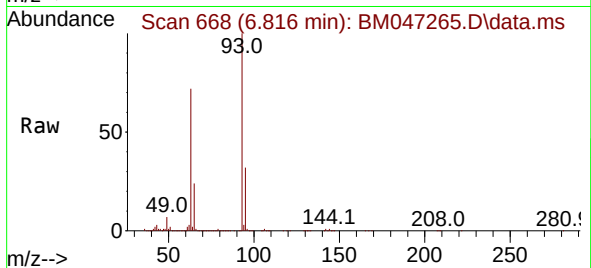


#11
bis(2-Chloroethyl)ether
Concen: 40.440 ng
RT: 6.816 min Scan# 608
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Instrument :
BNA_M
ClientSampleId :
PB162798BS

Tgt Ion: 93 Resp: 1052189

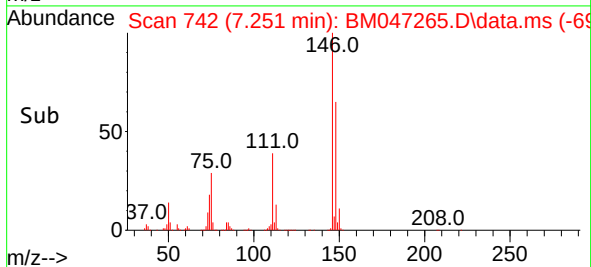
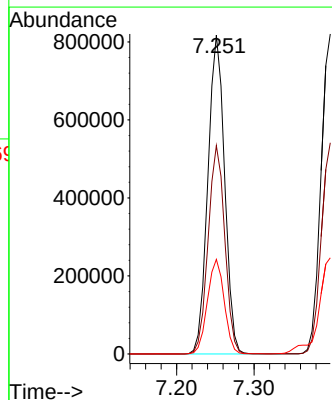
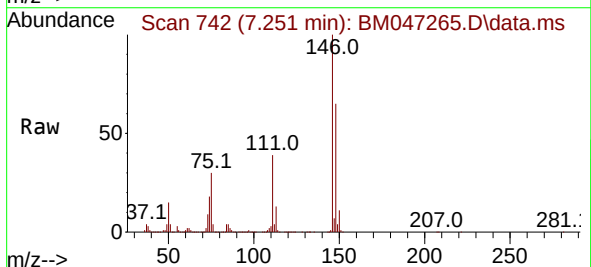
Ion	Ratio	Lower	Upper
93	100		
63	72.0	55.8	95.8
95	32.4	12.7	52.7

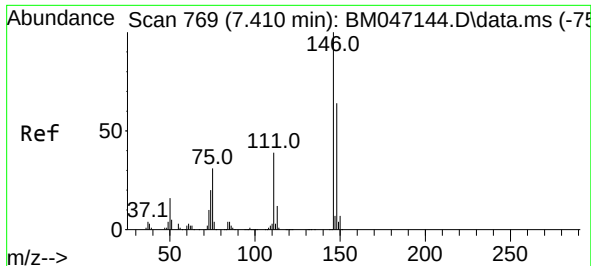


#12
1,3-Dichlorobenzene
Concen: 42.744 ng
RT: 7.251 min Scan# 742
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 146 Resp: 1224195

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
75	29.6	25.8	38.6

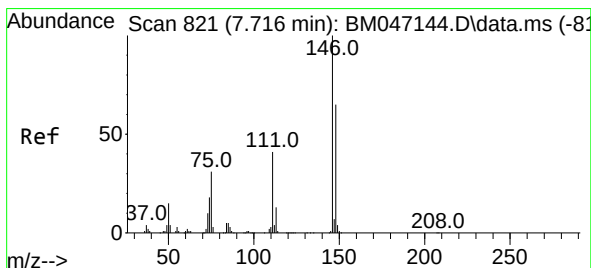
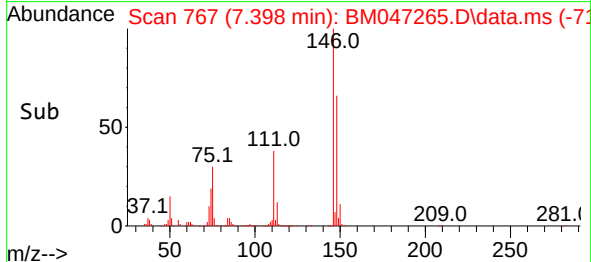
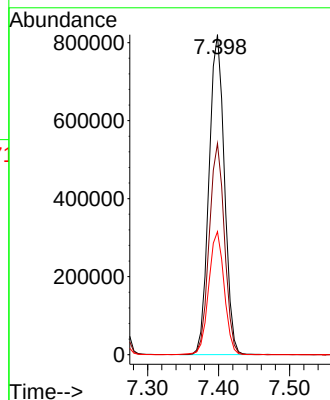
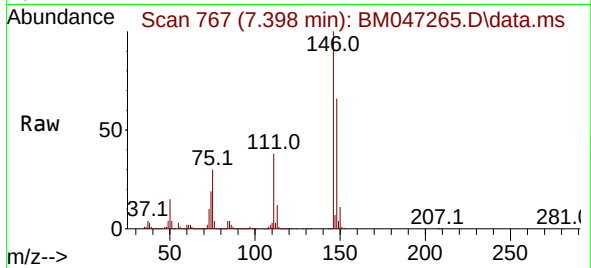




#13
1,4-Dichlorobenzene
Concen: 42.687 ng
RT: 7.398 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

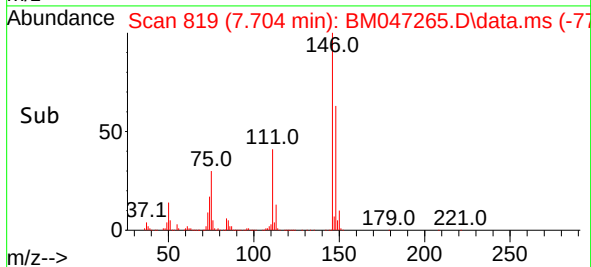
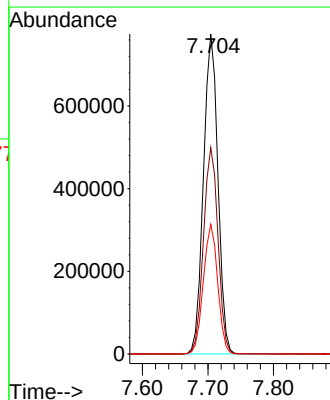
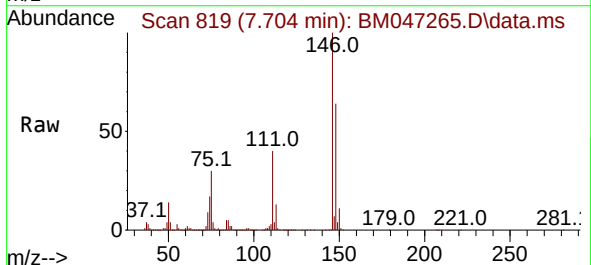
Instrument :
BNA_M
ClientSampleId :
PB162798BS

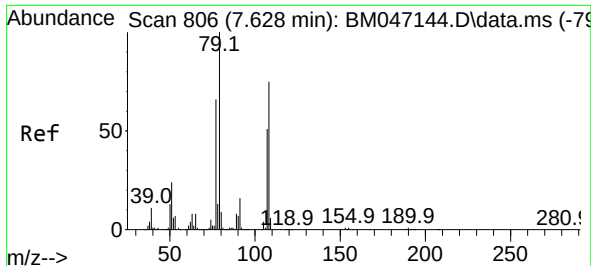
Tgt Ion:146 Resp: 1237810
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.2
111 38.5 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 43.573 ng
RT: 7.704 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:146 Resp: 1192153
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 40.5 33.3 49.9

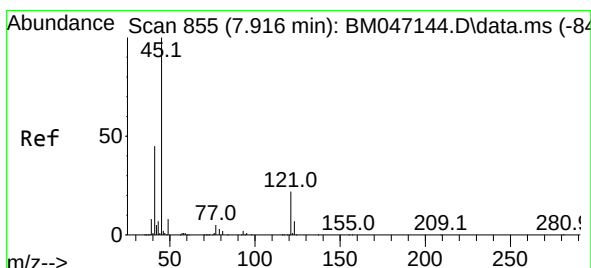
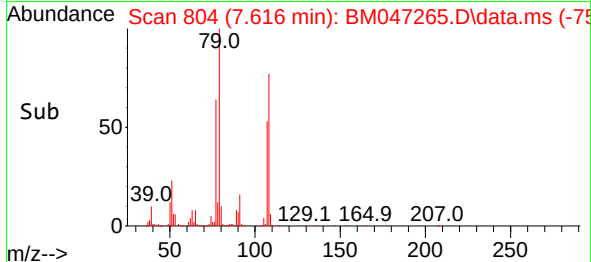
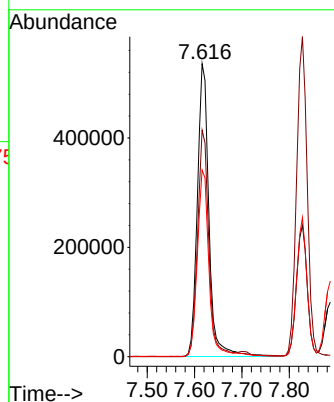
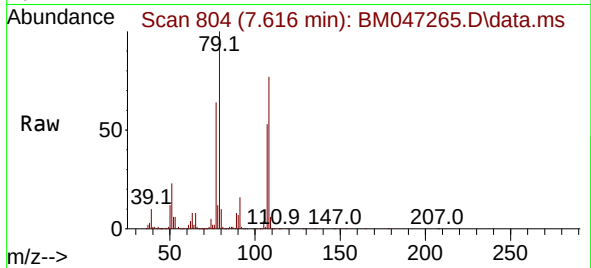




#15
Benzyl Alcohol
Concen: 42.029 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

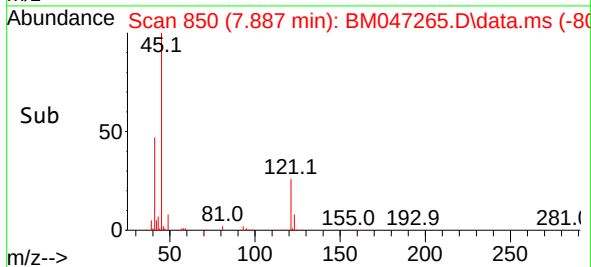
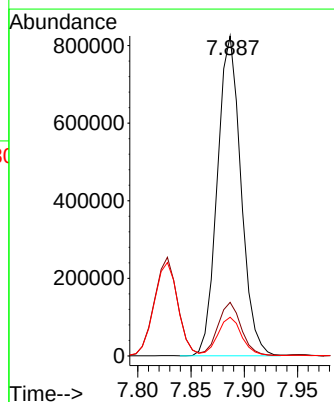
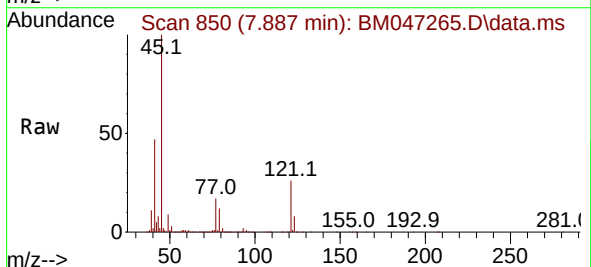
Instrument :
BNA_M
ClientSampleId :
PB162798BS

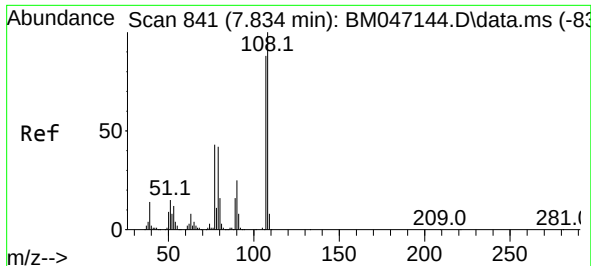
Tgt Ion: 79 Resp: 910775
Ion Ratio Lower Upper
79 100
108 77.3 59.7 89.5
77 63.7 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.041 ng
RT: 7.887 min Scan# 850
Delta R.T. -0.030 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 45 Resp: 1270083
Ion Ratio Lower Upper
45 100
77 16.8 0.0 35.6
79 12.1 0.0 32.4

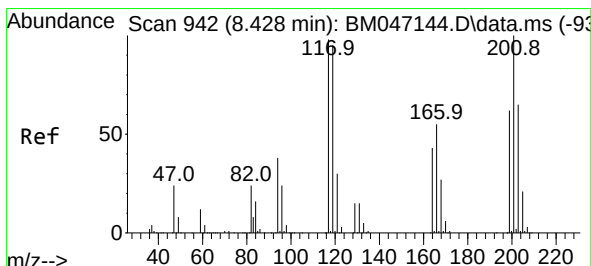
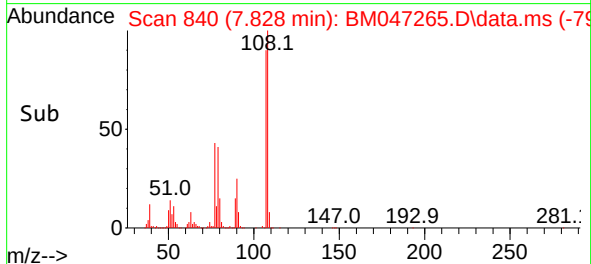
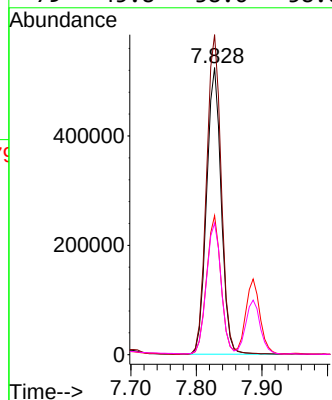
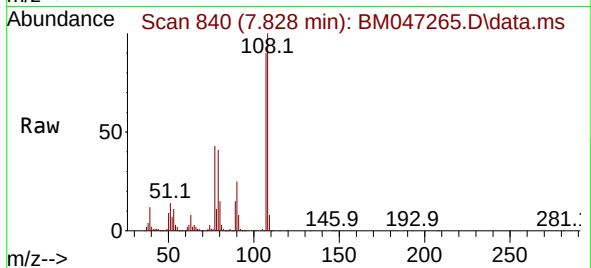




#17
2-Methylphenol
Concen: 40.097 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

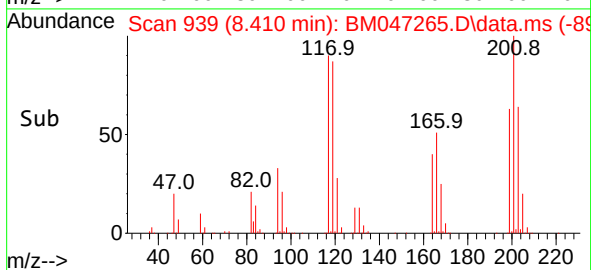
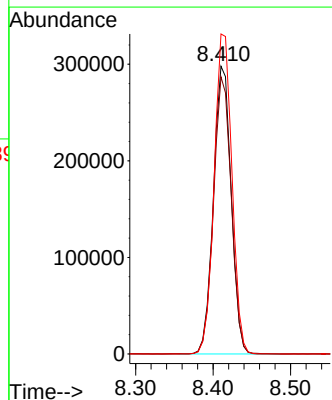
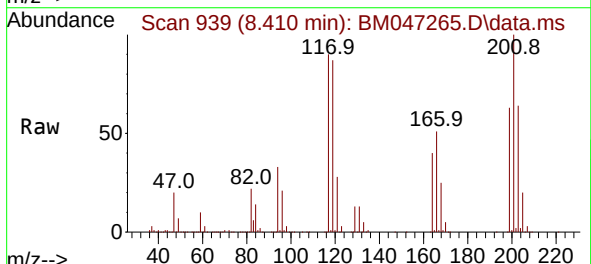
Instrument :
BNA_M
ClientSampleId :
PB162798BS

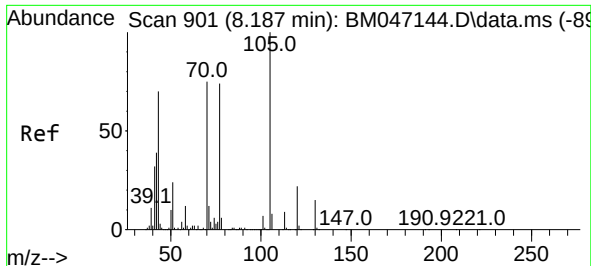
Tgt Ion:	107	Resp:	812745
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.6	135.8
77	48.5	39.3	58.9
79	45.8	38.6	58.0



#18
Hexachloroethane
Concen: 42.274 ng
RT: 8.410 min Scan# 939
Delta R.T. -0.018 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:	117	Resp:	474840
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	111.2	81.3	121.9



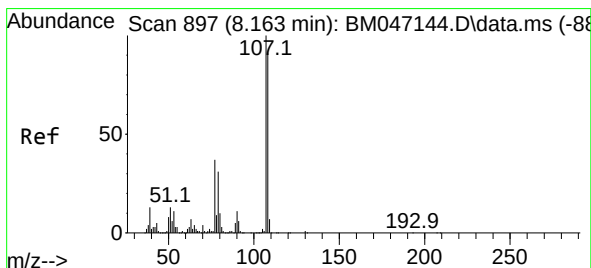
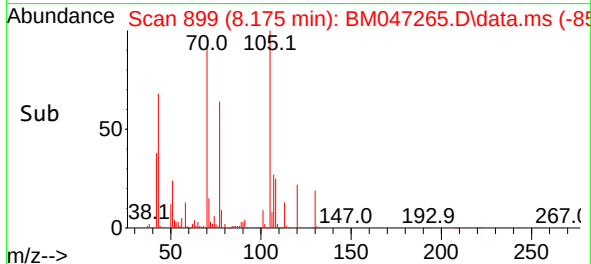
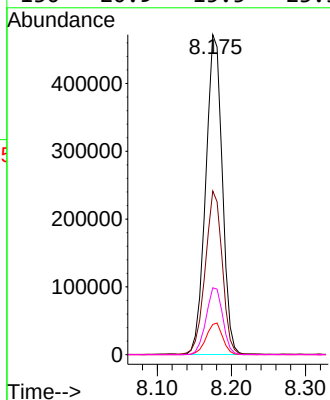
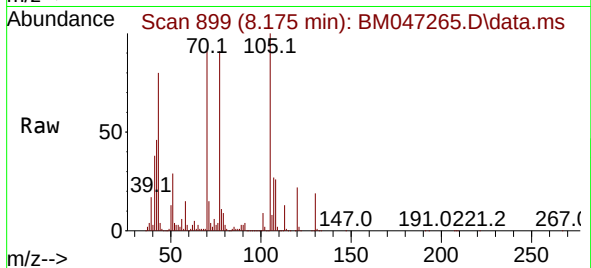


#19
n-Nitroso-di-n-propylamine
Concen: 35.692 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Instrument :
BNA_M
ClientSampleId :
PB162798BS

Tgt Ion: 70 Resp: 732028

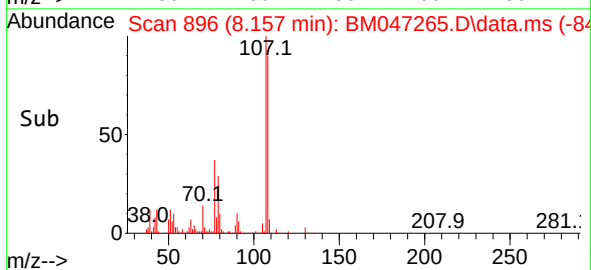
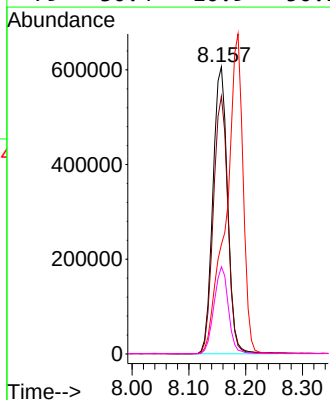
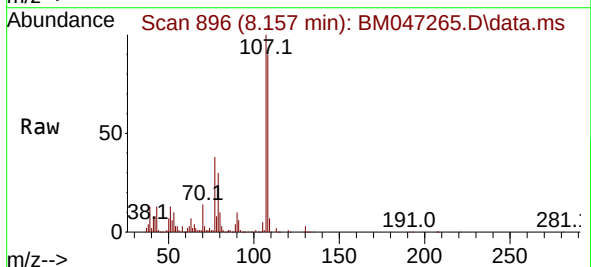
Ion	Ratio	Lower	Upper
70	100		
42	51.1	42.0	63.0
101	9.5	7.2	10.8
130	20.9	15.5	23.3

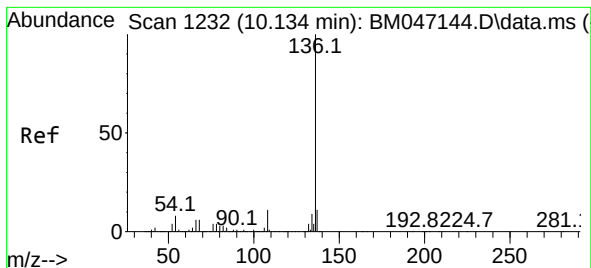


#20
3+4-Methylphenols
Concen: 38.350 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 107 Resp: 1086732

Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.7	110.7
77	38.2	17.4	57.4
79	30.4	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

Tgt Ion:136 Resp: 1380442

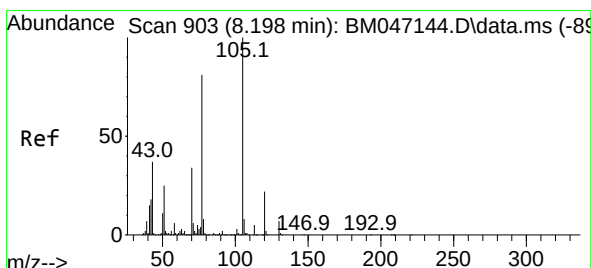
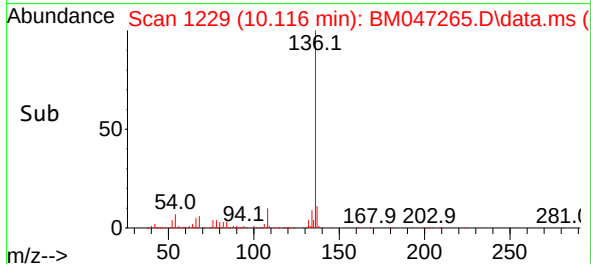
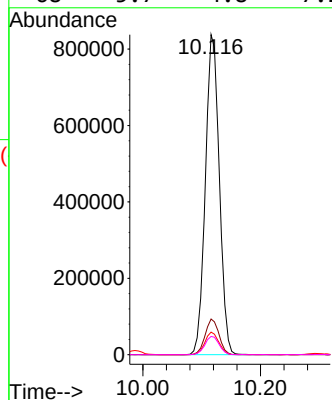
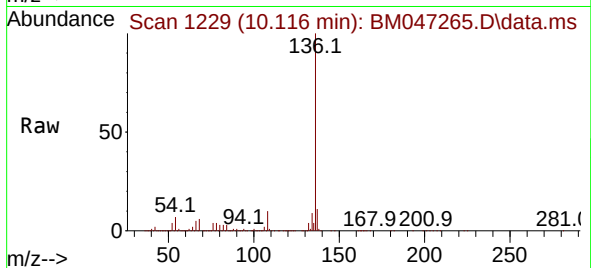
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.1 6.0 9.0

68 5.7 4.8 7.2



#22

Acetophenone

Concen: 39.852 ng

RT: 8.187 min Scan# 901

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Tgt Ion:105 Resp: 1327941

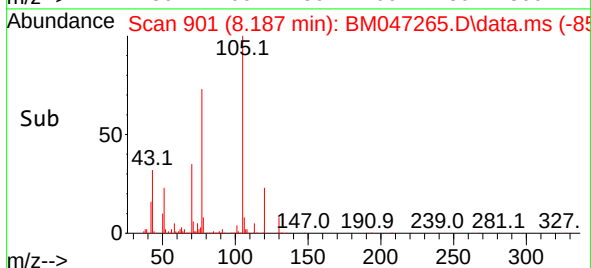
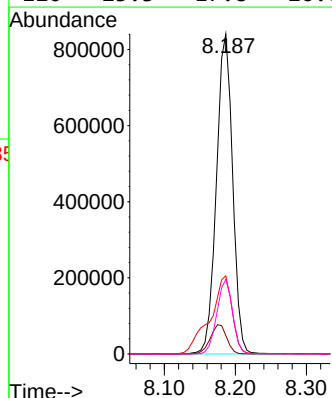
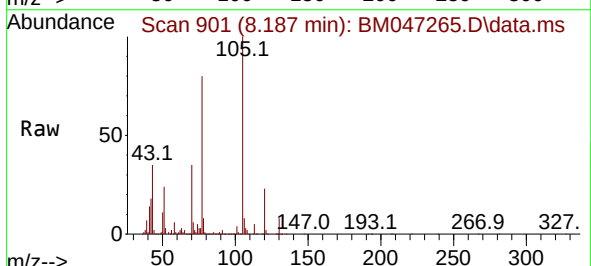
Ion Ratio Lower Upper

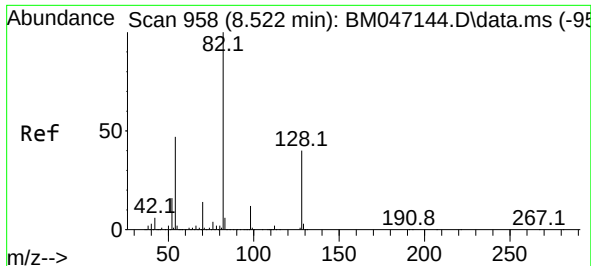
105 100

71 5.7 4.5 6.7

51 24.4 20.1 30.1

120 23.3 17.8 26.6

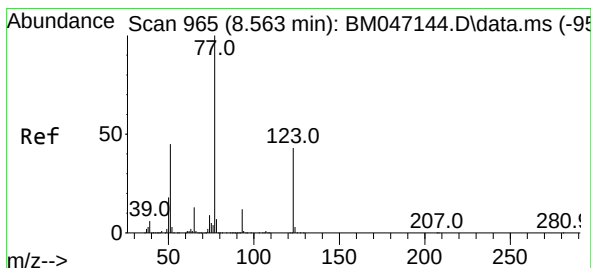
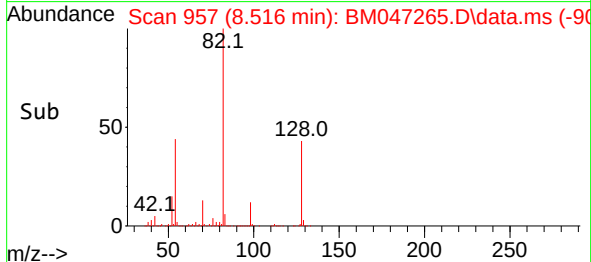
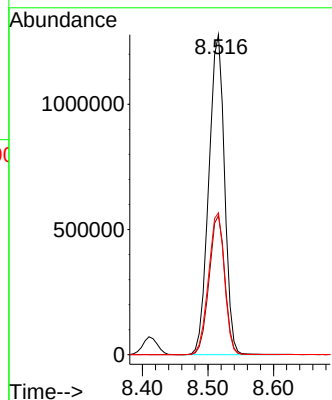
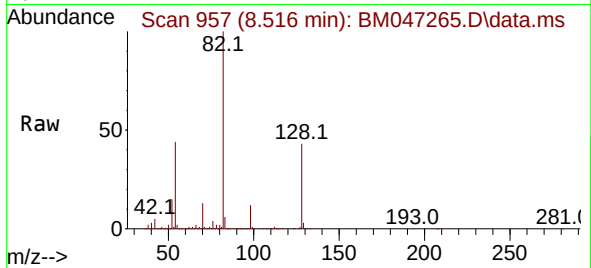




#23
Nitrobenzene-d5
Concen: 77.833 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

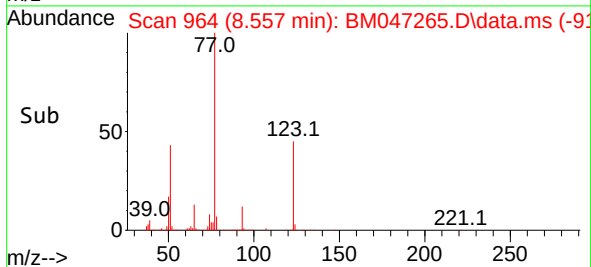
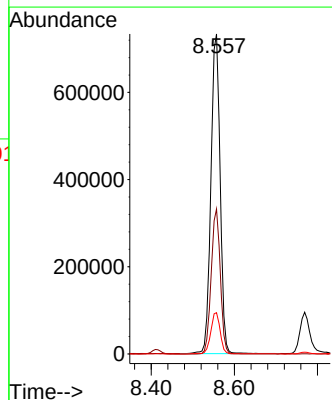
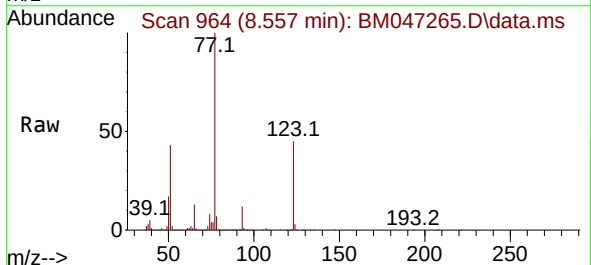
Instrument :
BNA_M
ClientSampleId :
PB162798BS

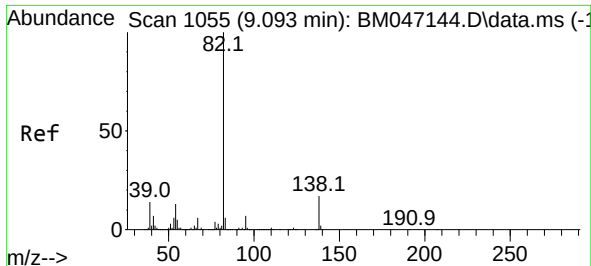
Tgt Ion: 82 Resp: 2133805
Ion Ratio Lower Upper
82 100
128 43.4 32.3 48.5
54 44.4 37.4 56.2



#24
Nitrobenzene
Concen: 40.969 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 77 Resp: 1130983
Ion Ratio Lower Upper
77 100
123 45.3 34.0 51.0
65 12.9 10.5 15.7

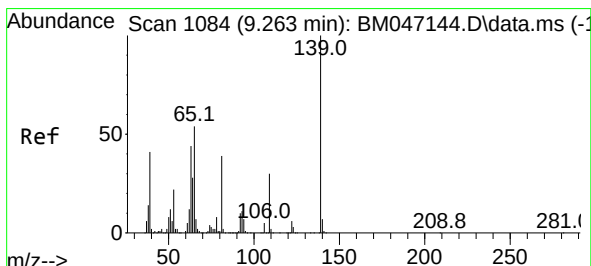
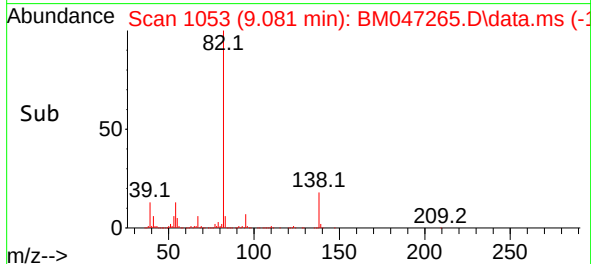
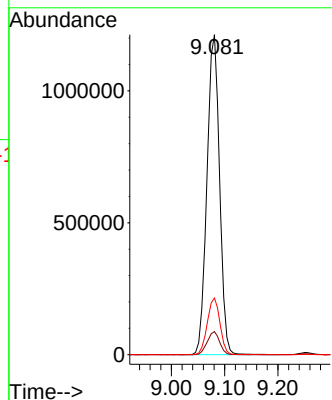
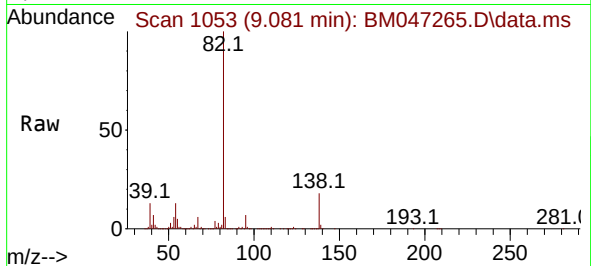




#25
Isophorone
Concen: 41.560 ng
RT: 9.081 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

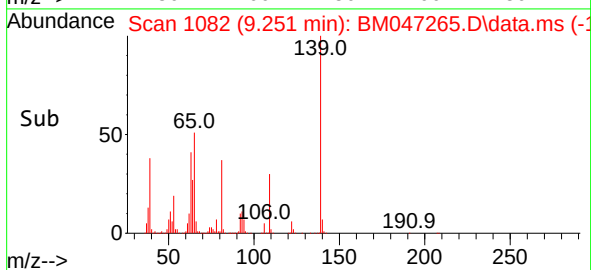
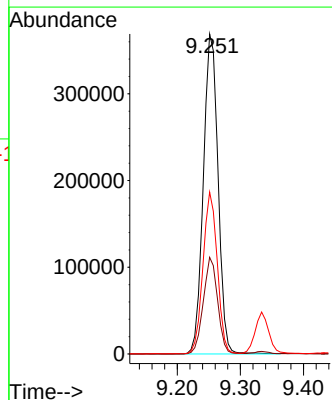
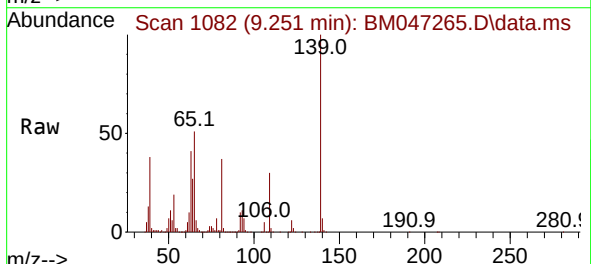
Instrument :
BNA_M
ClientSampleId :
PB162798BS

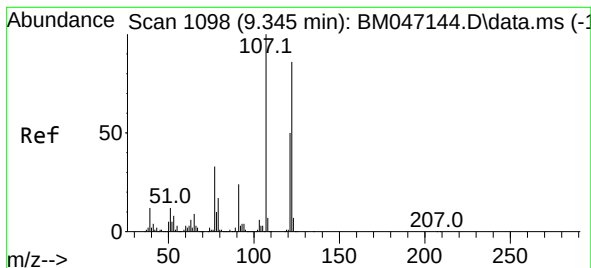
Tgt Ion: 82 Resp: 1983848
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 13.5 20.3



#26
2-Nitrophenol
Concen: 48.990 ng
RT: 9.251 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:139 Resp: 598933
Ion Ratio Lower Upper
139 100
109 30.2 24.4 36.6
65 50.6 43.0 64.6

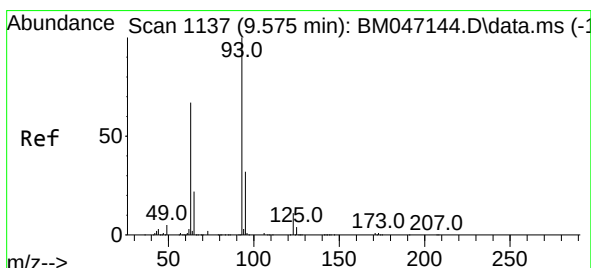
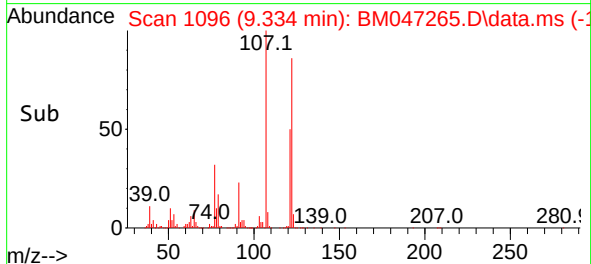
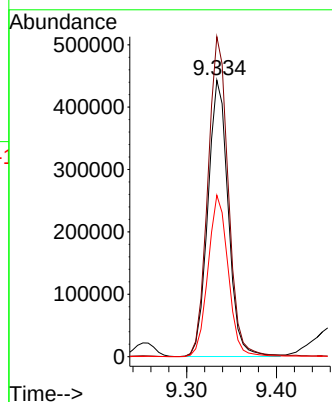
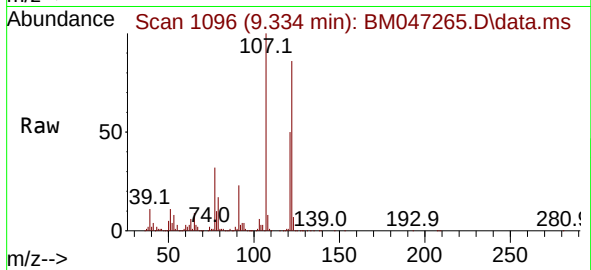




#27
2,4-Dimethylphenol
Concen: 48.704 ng
RT: 9.334 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

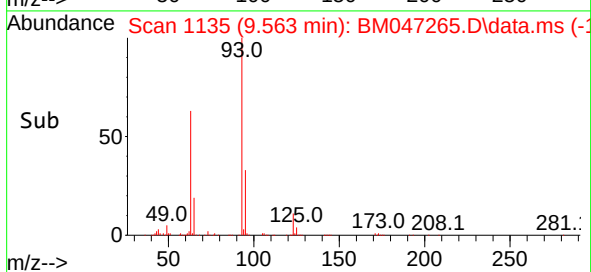
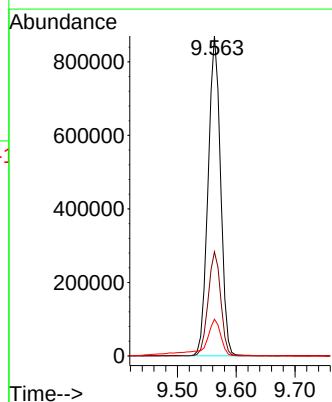
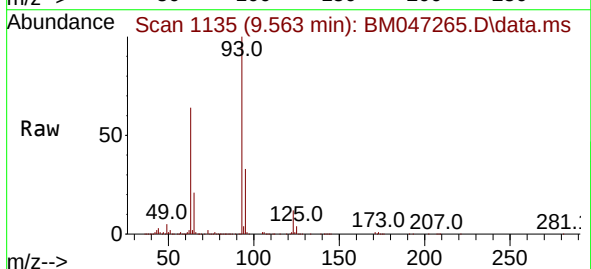
Instrument :
BNA_M
ClientSampleId :
PB162798BS

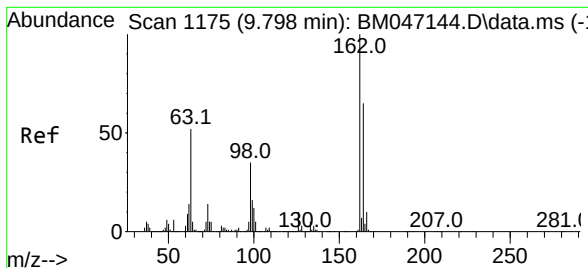
Tgt Ion:122 Resp: 697486
Ion Ratio Lower Upper
122 100
107 115.7 92.8 139.2
121 58.4 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.588 ng
RT: 9.563 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 93 Resp: 1279161
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.437 ng

RT: 9.786 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

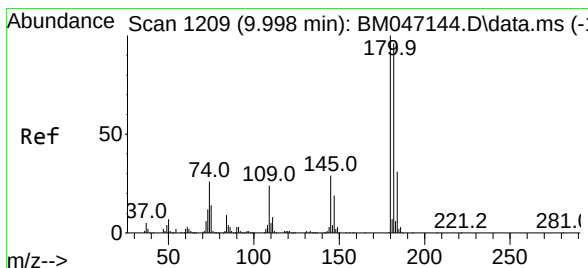
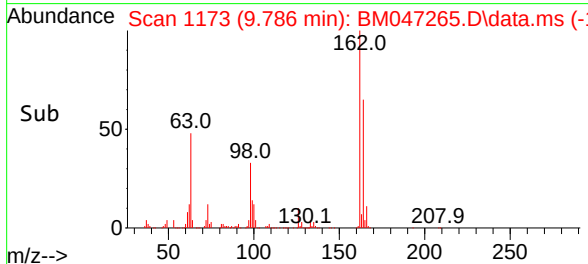
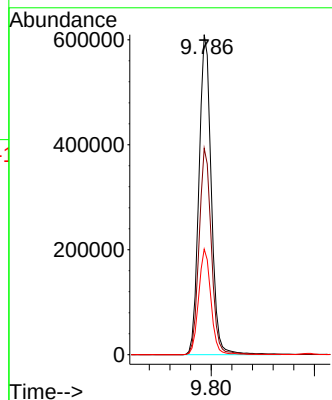
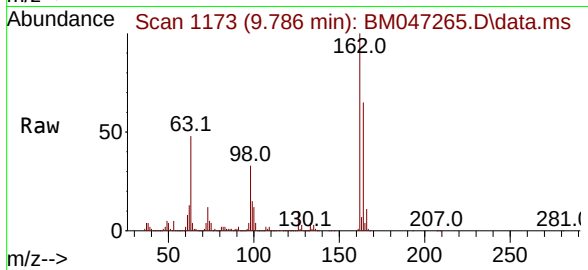
Tgt Ion:162 Resp: 1007979

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

98 33.0 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.308 ng

RT: 9.986 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

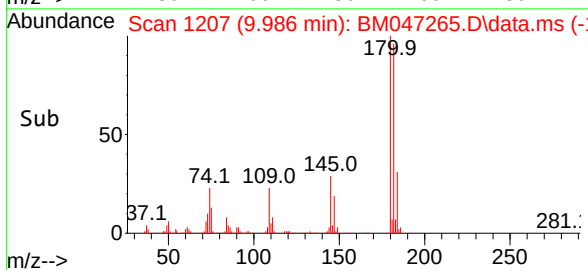
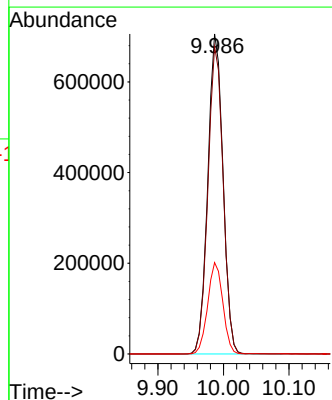
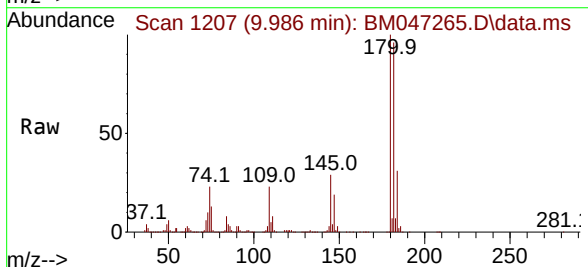
Tgt Ion:180 Resp: 1137592

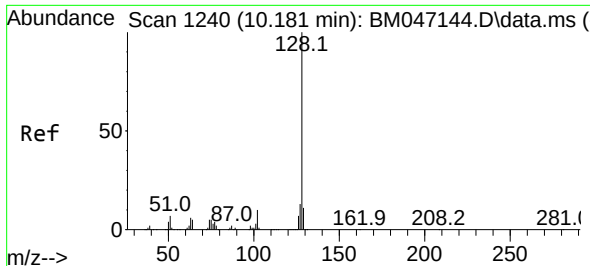
Ion Ratio Lower Upper

180 100

182 96.1 76.6 115.0

145 28.6 23.4 35.2

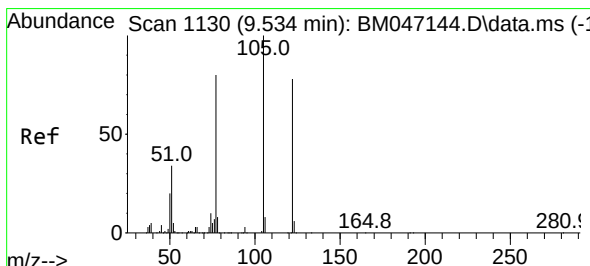
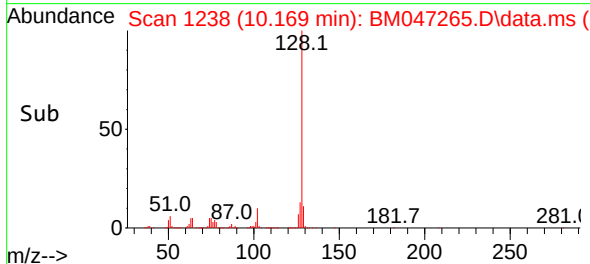
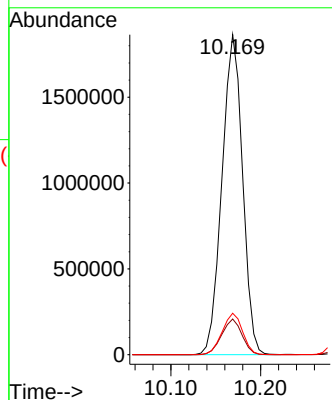
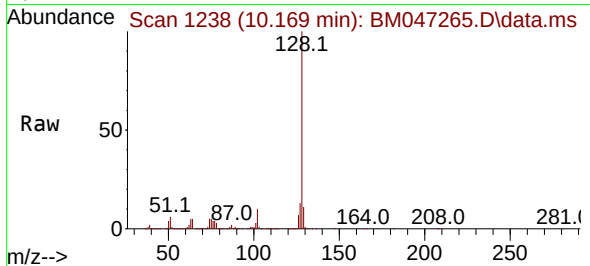




#31
Naphthalene
Concen: 43.177 ng
RT: 10.169 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

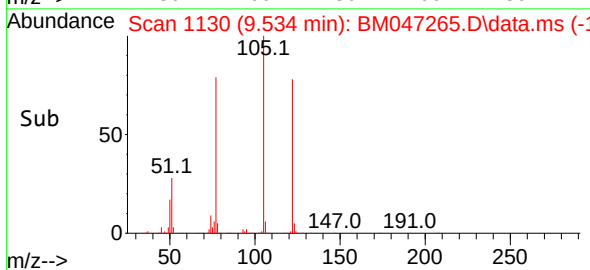
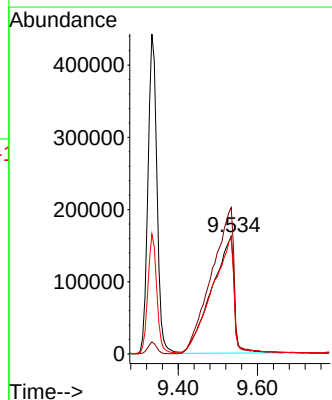
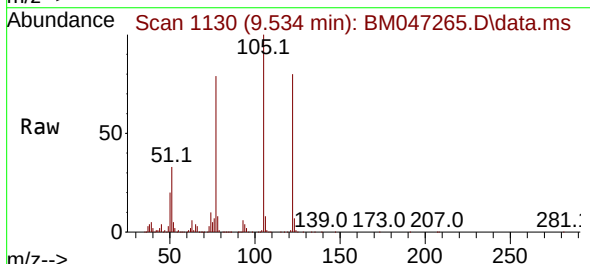
Instrument :
BNA_M
ClientSampleId :
PB162798BS

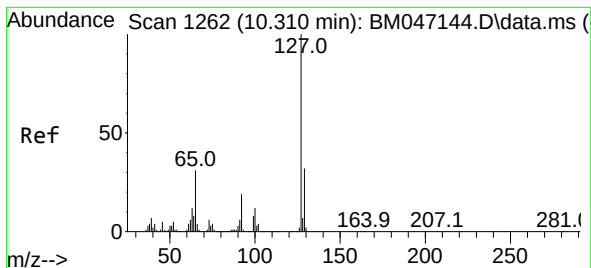
Tgt Ion:128 Resp: 2969252
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 38.225 ng
RT: 9.534 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:122 Resp: 635987
Ion Ratio Lower Upper
122 100
105 124.6 107.1 147.1
77 99.0 82.1 122.1





#33

4-Chloroaniline

Concen: 19.685 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

Tgt Ion:127 Resp: 520590

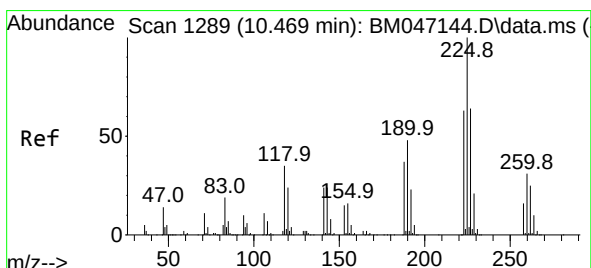
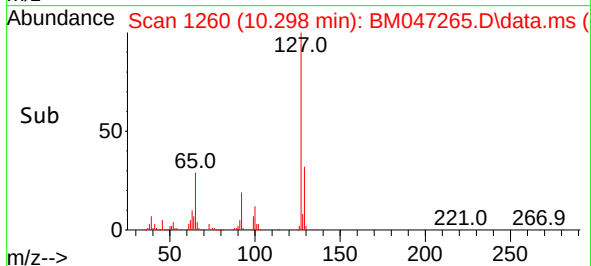
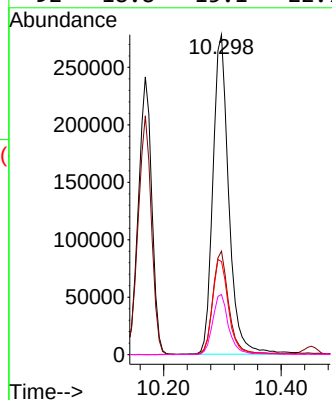
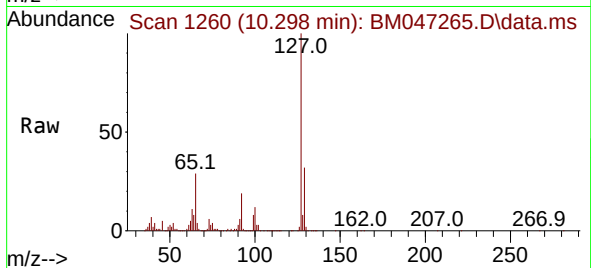
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 29.1 24.9 37.3

92 18.8 15.1 22.7



#34

Hexachlorobutadiene

Concen: 50.755 ng

RT: 10.451 min Scan# 1286

Delta R.T. -0.018 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

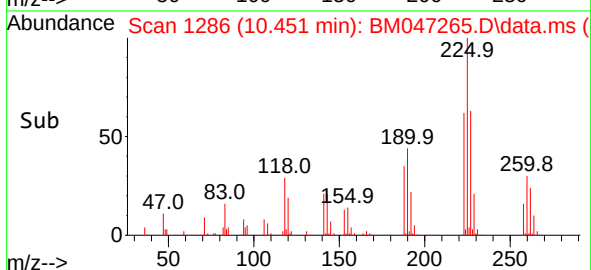
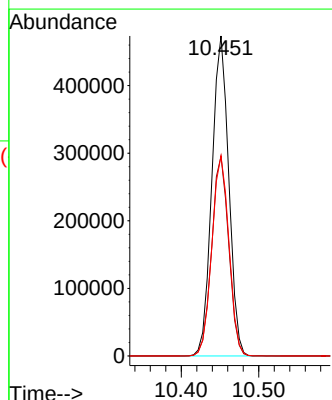
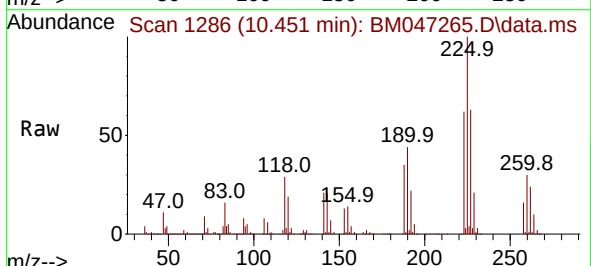
Tgt Ion:225 Resp: 714370

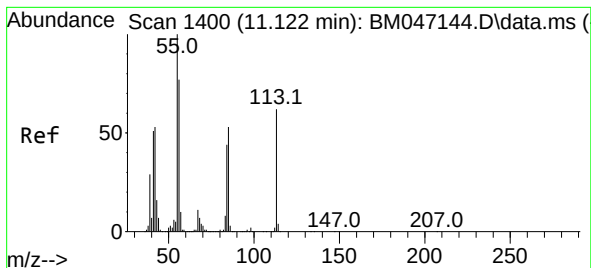
Ion Ratio Lower Upper

225 100

223 62.4 50.2 75.2

227 62.6 51.4 77.0

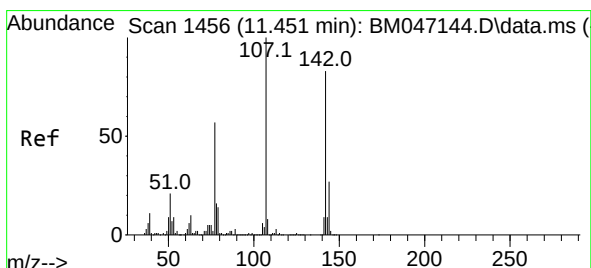
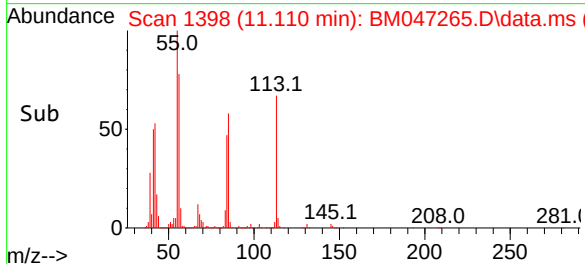
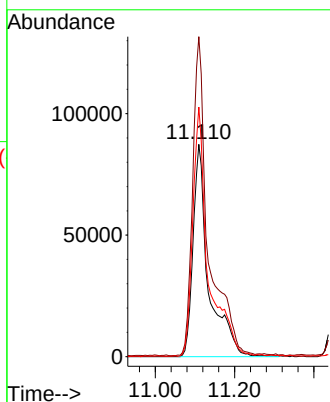
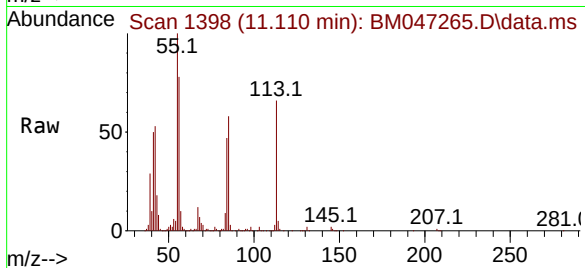




#35
Caprolactam
Concen: 32.350 ng
RT: 11.110 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

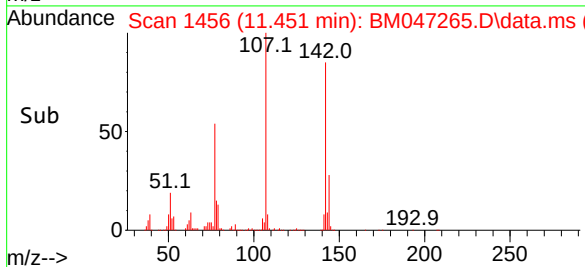
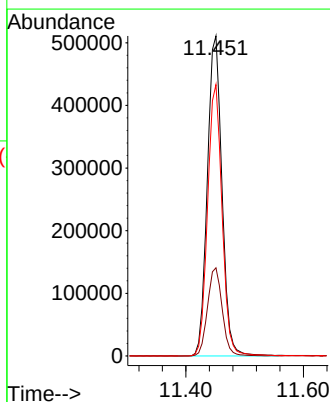
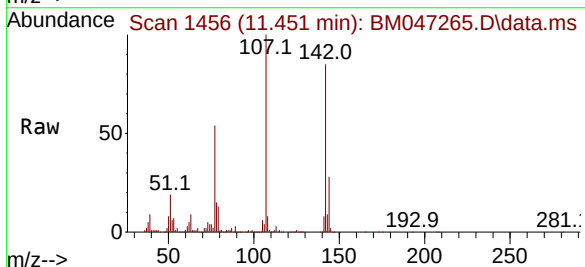
Instrument :
BNA_M
ClientSampleId :
PB162798BS

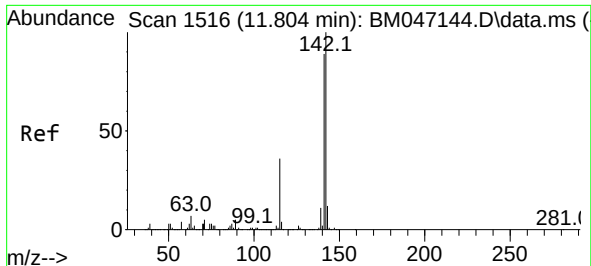
Tgt Ion:113 Resp: 238717
Ion Ratio Lower Upper
113 100
55 150.7 140.5 180.5
56 117.5 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 39.028 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:107 Resp: 883188
Ion Ratio Lower Upper
107 100
144 27.6 21.8 32.6
142 84.8 66.8 100.2

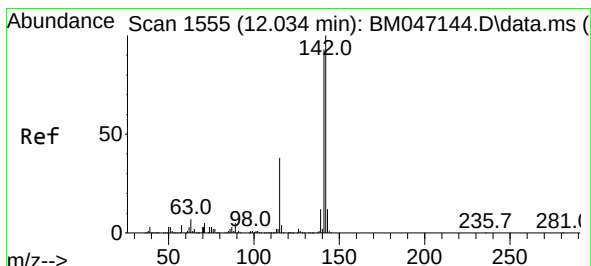
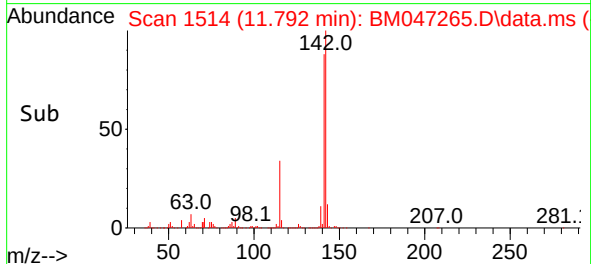
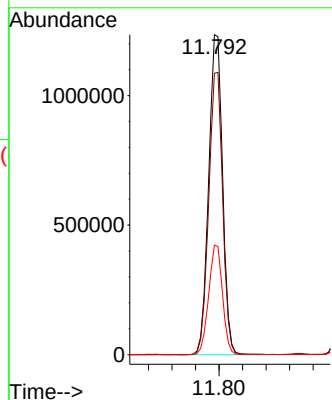
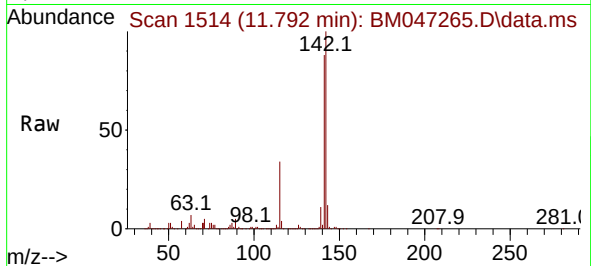




#37
2-Methylnaphthalene
Concen: 41.423 ng
RT: 11.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

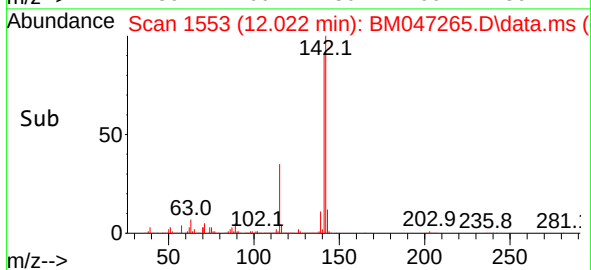
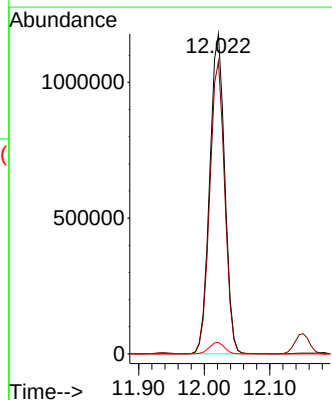
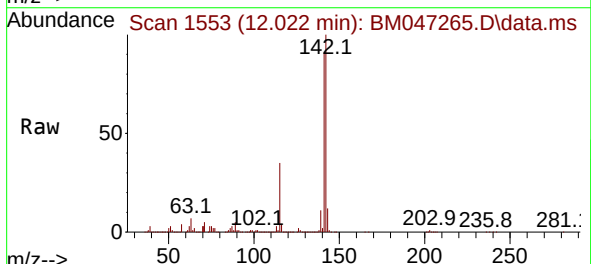
Instrument :
BNA_M
ClientSampleId :
PB162798BS

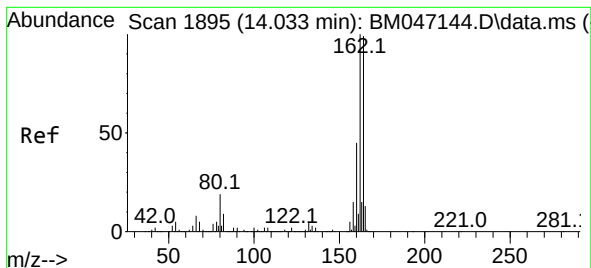
Tgt Ion:142 Resp: 2028211
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3
115 34.3 28.7 43.1



#38
1-Methylnaphthalene
Concen: 38.715 ng
RT: 12.022 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:142 Resp: 1873476
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8
116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.021 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

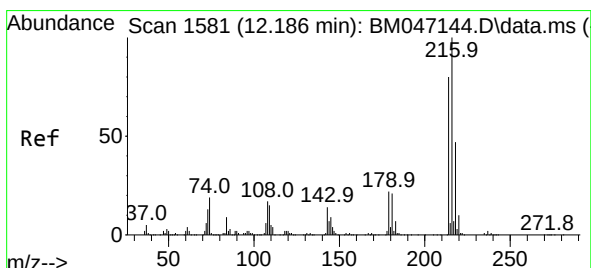
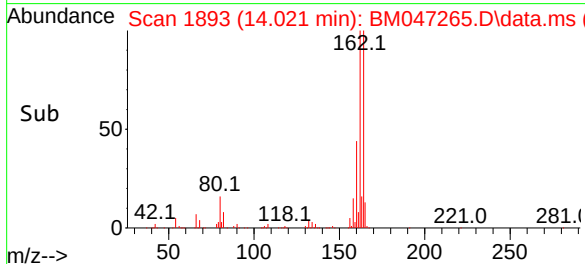
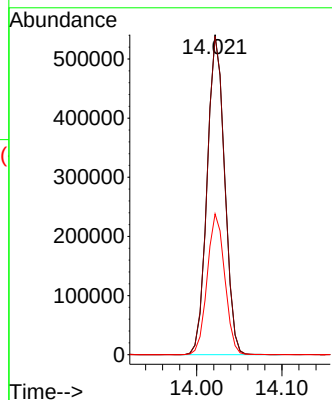
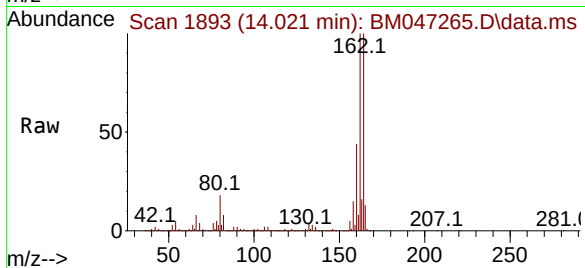
Tgt Ion:164 Resp: 769634

Ion Ratio Lower Upper

164 100

162 99.5 80.7 121.1

160 44.0 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.591 ng

RT: 12.180 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Tgt Ion:216 Resp: 1062022

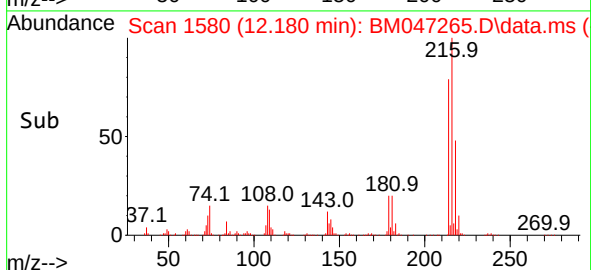
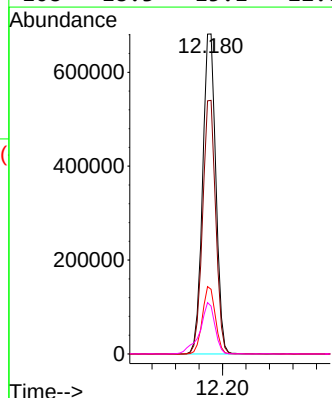
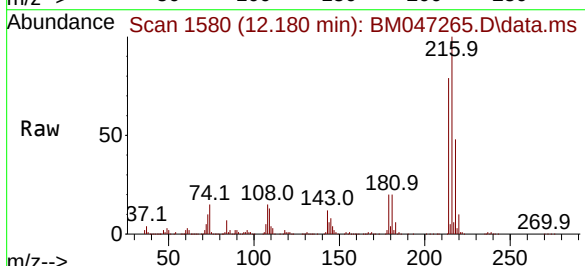
Ion Ratio Lower Upper

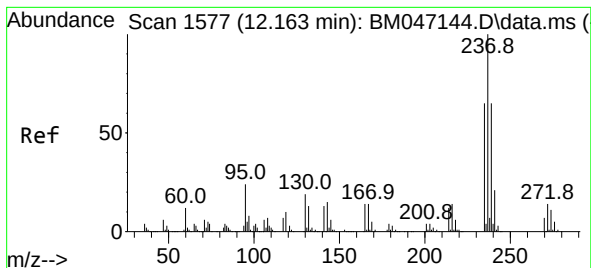
216 100

214 78.4 63.4 95.2

179 20.6 17.6 26.4

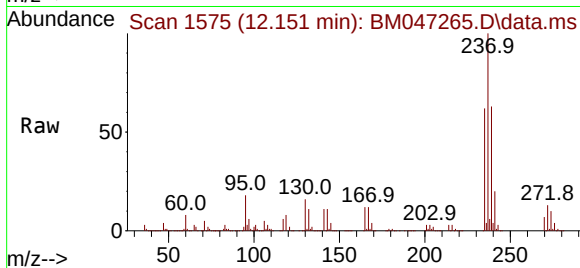
108 18.3 15.1 22.7



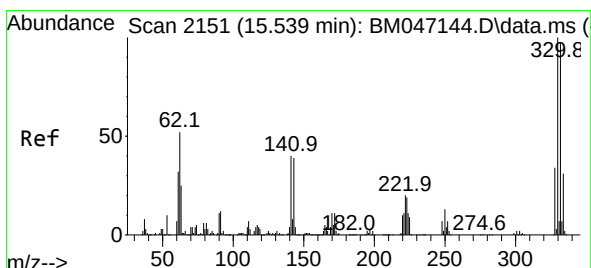
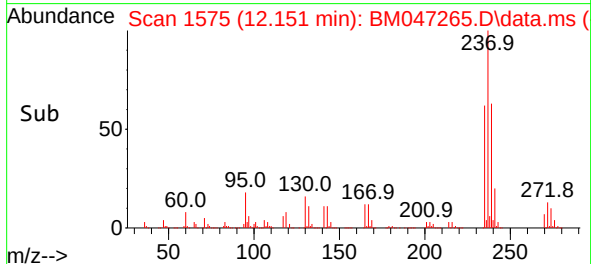
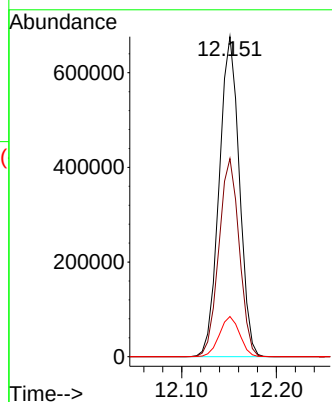


#41
Hexachlorocyclopentadiene
Concen: 136.700 ng
RT: 12.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Instrument :
BNA_M
ClientSampleId :
PB162798BS

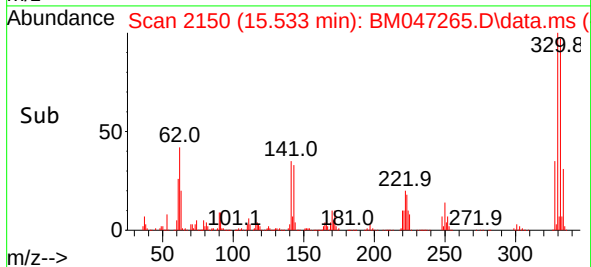
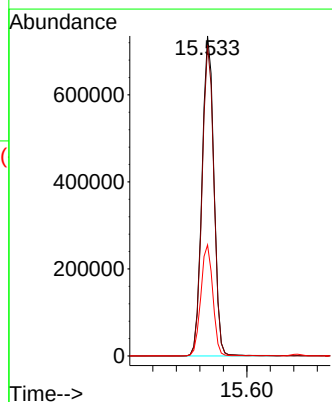
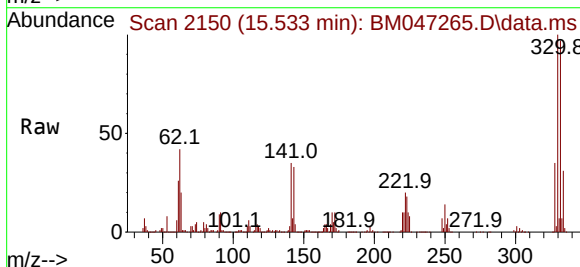


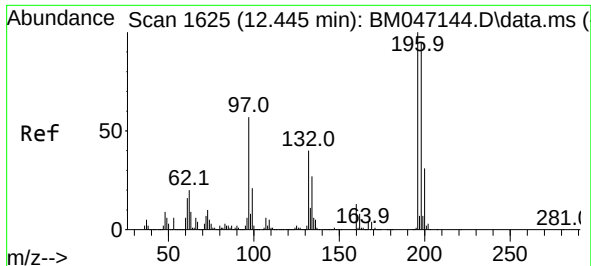
Tgt Ion:237 Resp: 1002039
Ion Ratio Lower Upper
237 100
235 61.9 44.8 84.8
272 12.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 115.950 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:330 Resp: 1034744
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 34.9 31.6 47.4

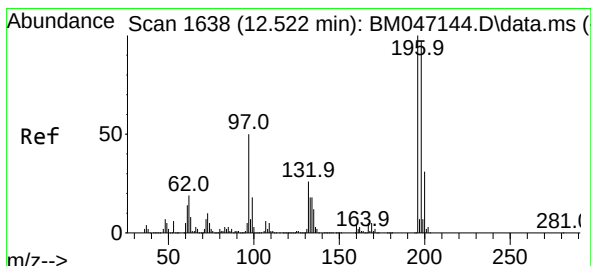
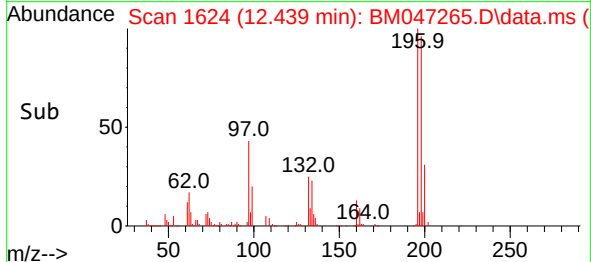
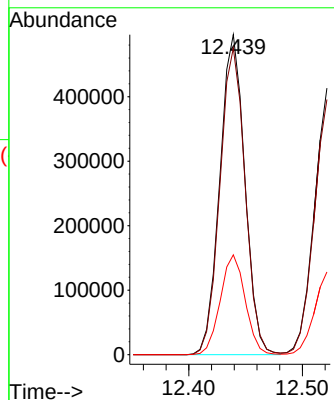
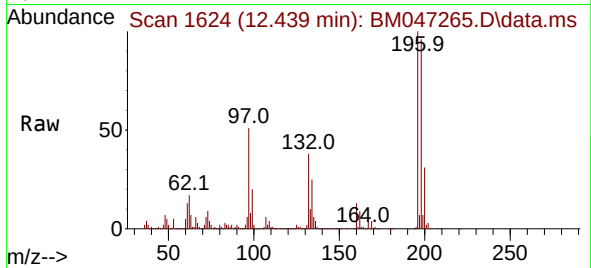




#43
2,4,6-Trichlorophenol
Concen: 50.880 ng
RT: 12.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

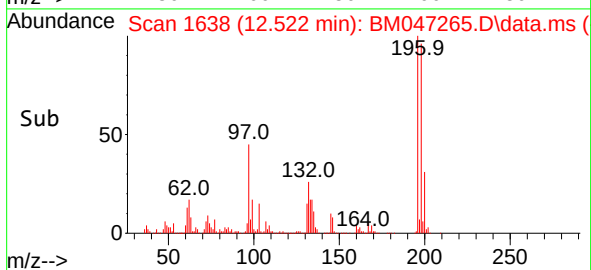
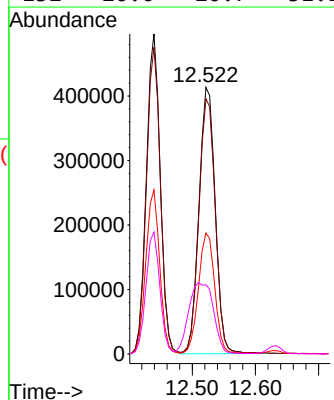
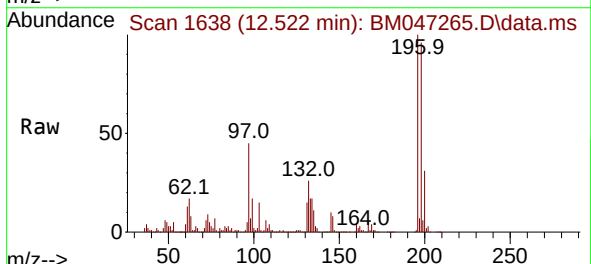
Instrument :
BNA_M
ClientSampleId :
PB162798BS

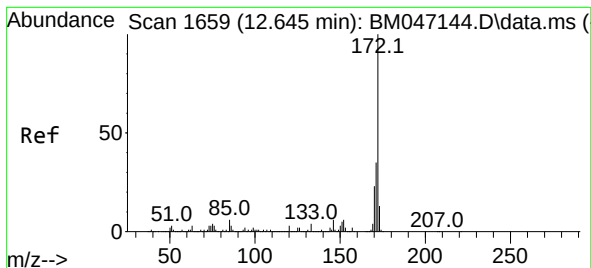
Tgt Ion:196 Resp: 759160
Ion Ratio Lower Upper
196 100
198 95.8 75.6 113.4
200 31.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.587 ng
RT: 12.522 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:196 Resp: 738643
Ion Ratio Lower Upper
196 100
198 95.7 77.7 116.5
97 45.4 39.8 59.8
132 26.0 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 89.604 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

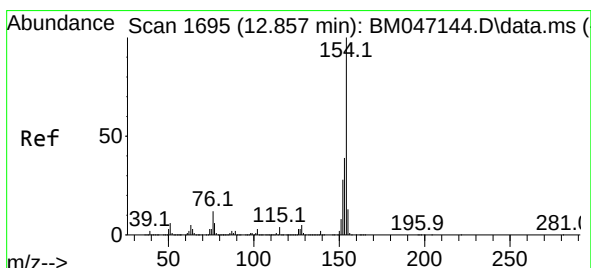
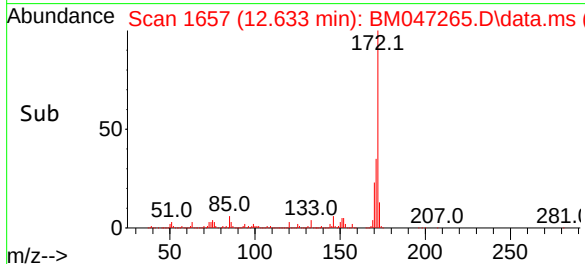
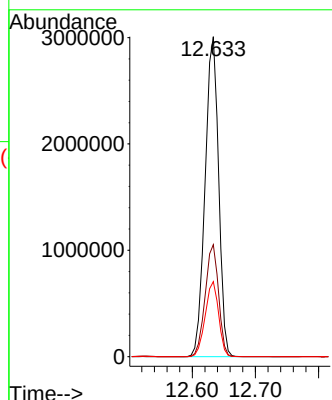
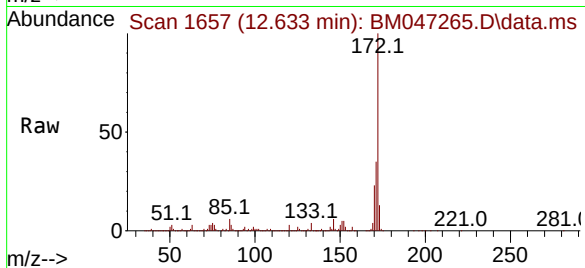
Tgt Ion:172 Resp: 4470752

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.030 ng

RT: 12.845 min Scan# 1693

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

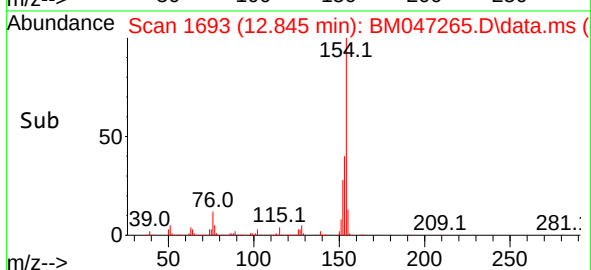
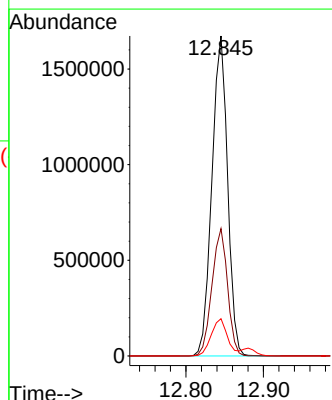
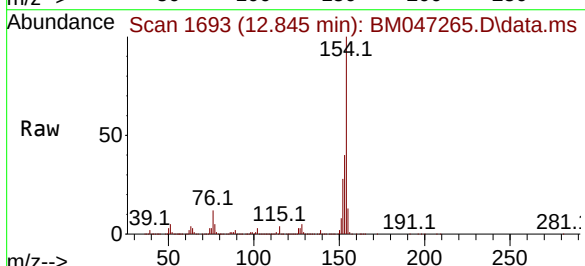
Tgt Ion:154 Resp: 2357686

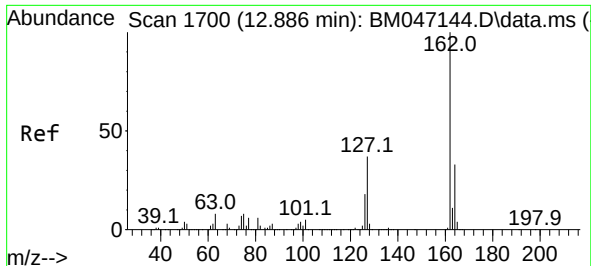
Ion Ratio Lower Upper

154 100

153 39.8 19.0 59.0

76 11.6 0.0 31.9

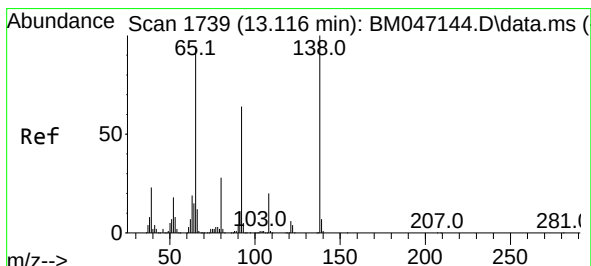
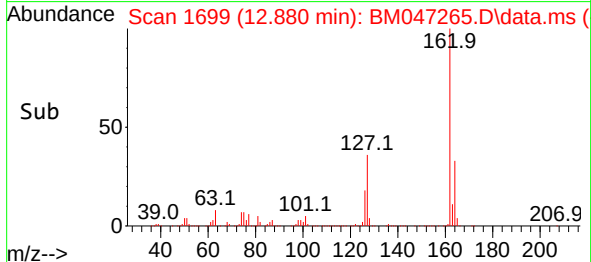
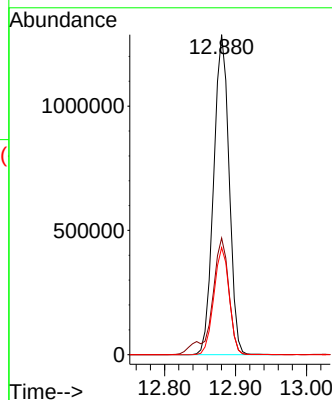
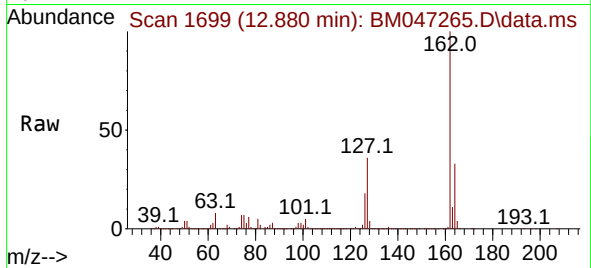




#47
2-Chloronaphthalene
Concen: 45.385 ng
RT: 12.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

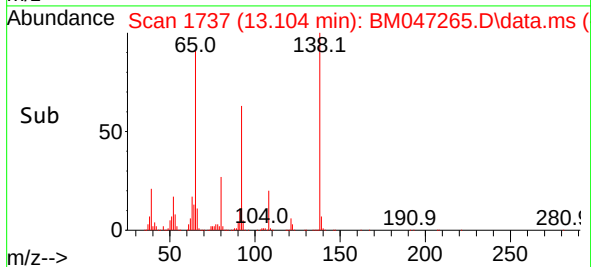
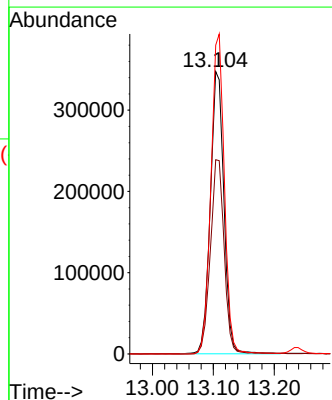
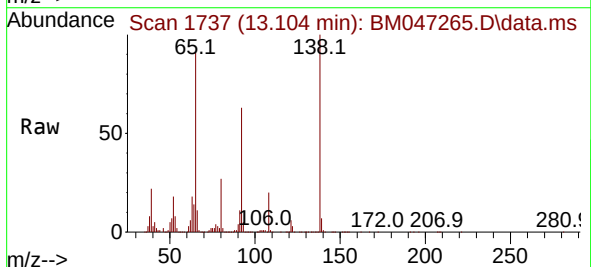
Instrument :
BNA_M
ClientSampleId :
PB162798BS

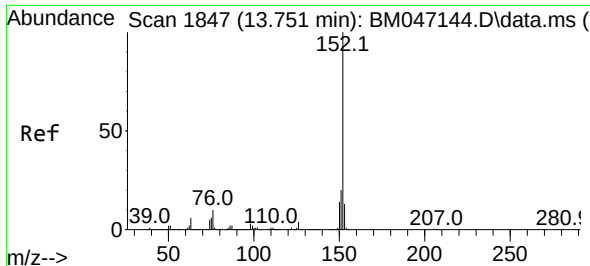
Tgt Ion:162 Resp: 1943602
Ion Ratio Lower Upper
162 100
127 36.5 30.0 45.0
164 33.5 26.3 39.5



#48
2-Nitroaniline
Concen: 40.241 ng
RT: 13.104 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 65 Resp: 539893
Ion Ratio Lower Upper
65 100
92 68.8 55.1 82.7
138 109.3 85.9 128.9

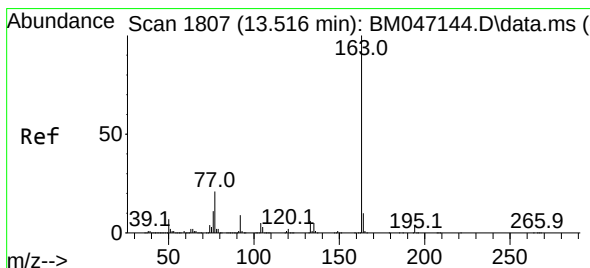
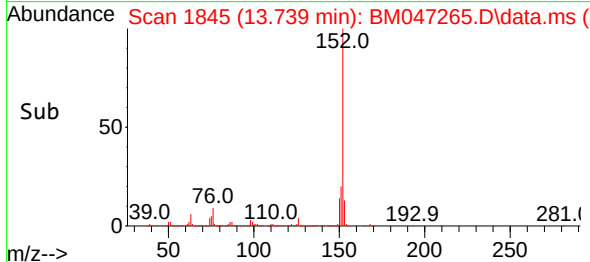
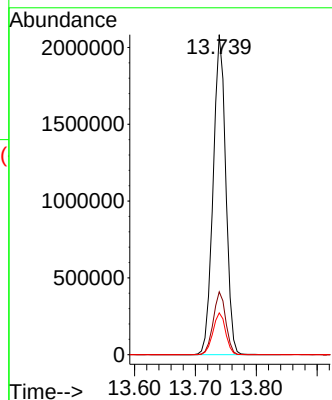
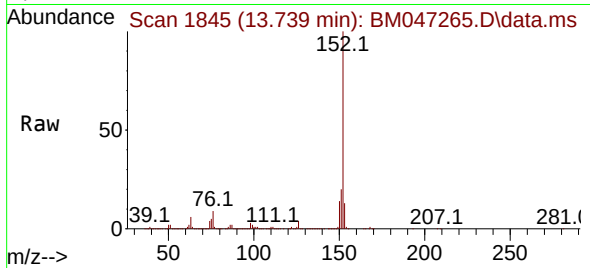




#49
Acenaphthylene
Concen: 47.459 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

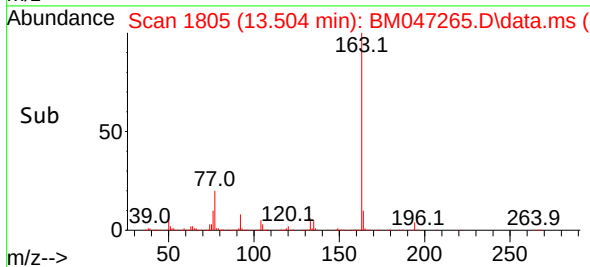
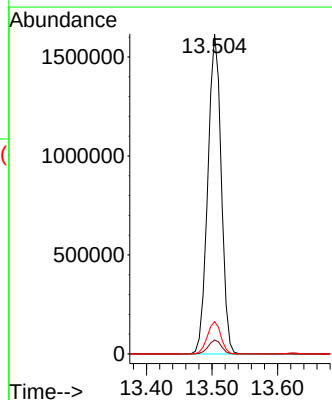
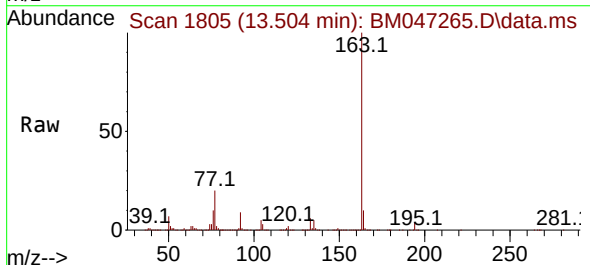
Instrument :
BNA_M
ClientSampleId :
PB162798BS

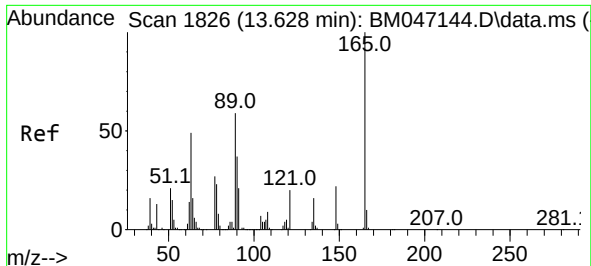
Tgt Ion:152 Resp: 2995902
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 42.754 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:163 Resp: 2298132
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 41.170 ng

RT: 13.622 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

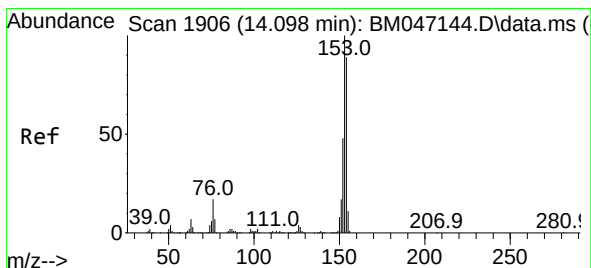
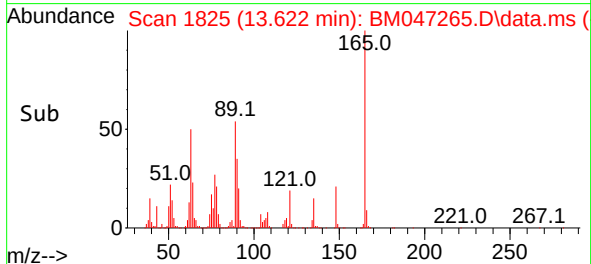
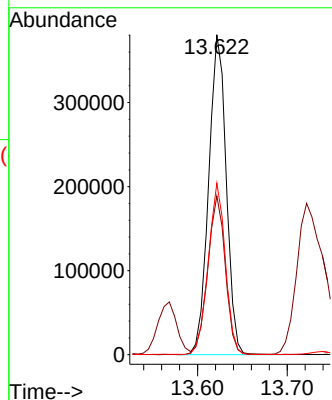
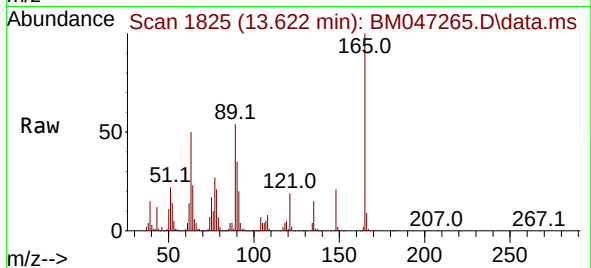
Tgt Ion:165 Resp: 517315

Ion Ratio Lower Upper

165 100

63 49.6 46.5 69.7

89 53.6 47.3 70.9



#52

Acenaphthene

Concen: 43.323 ng

RT: 14.086 min Scan# 1904

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

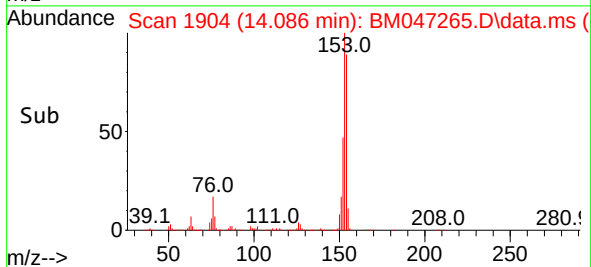
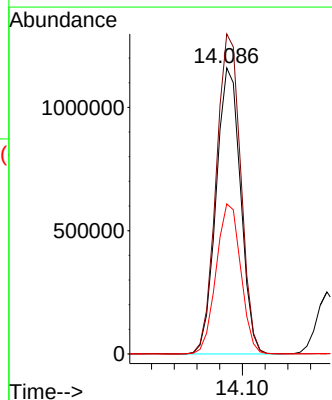
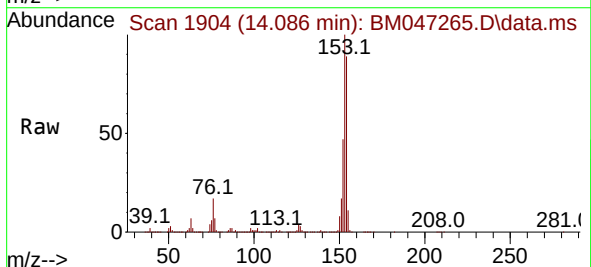
Tgt Ion:154 Resp: 1734740

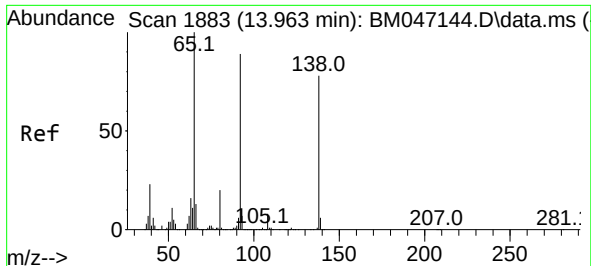
Ion Ratio Lower Upper

154 100

153 111.9 90.3 135.5

152 52.5 42.9 64.3

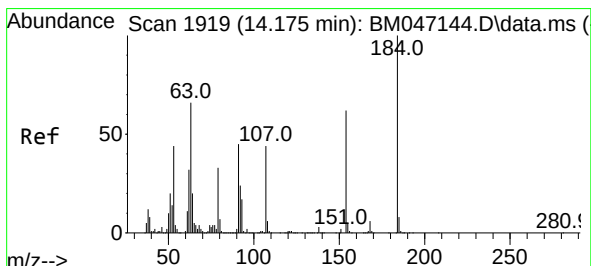
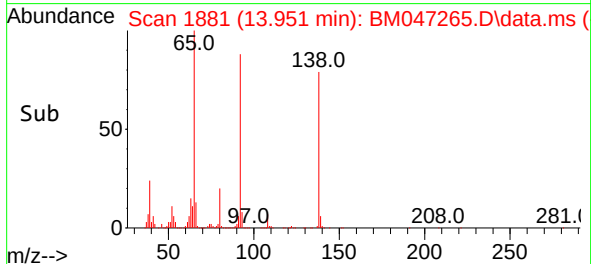
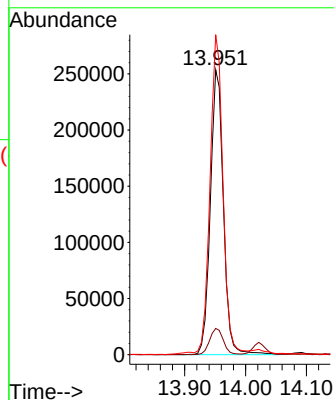
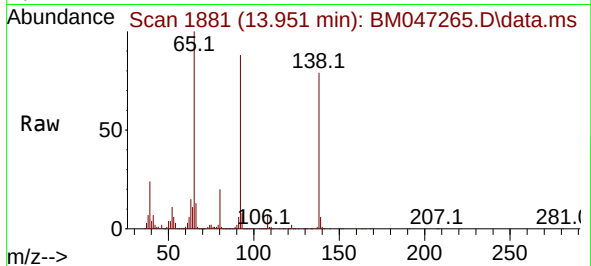




#53
3-Nitroaniline
Concen: 30.019 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

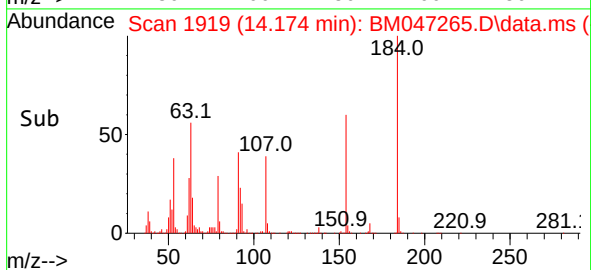
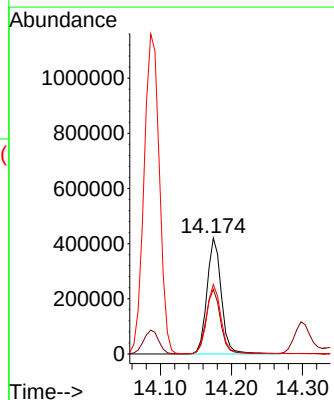
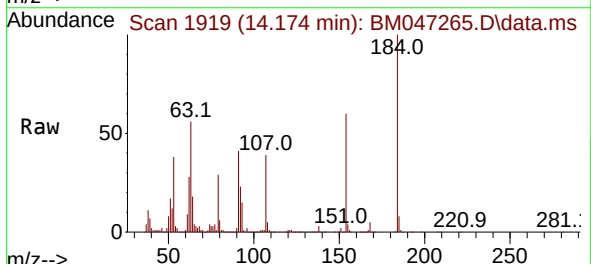
Instrument :
BNA_M
ClientSampleId :
PB162798BS

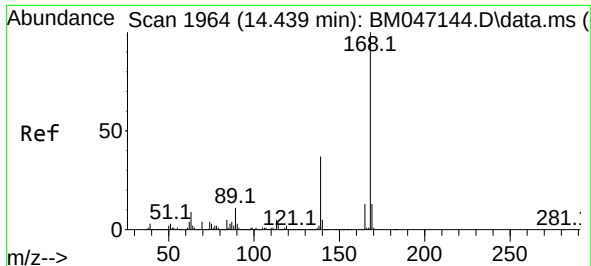
Tgt Ion:138 Resp: 377969
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 112.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 78.578 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:184 Resp: 591764
Ion Ratio Lower Upper
184 100
63 55.8 52.7 79.1
154 60.0 50.4 75.6

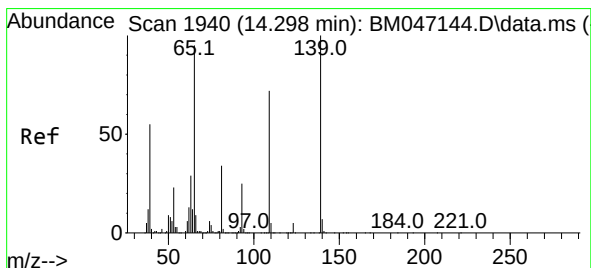
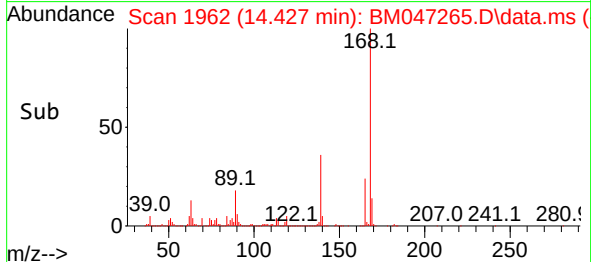
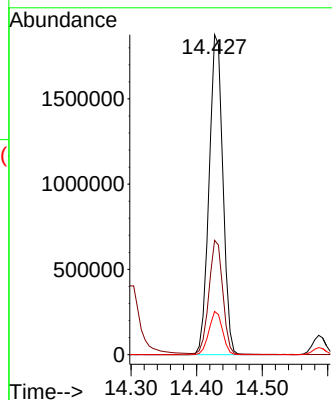
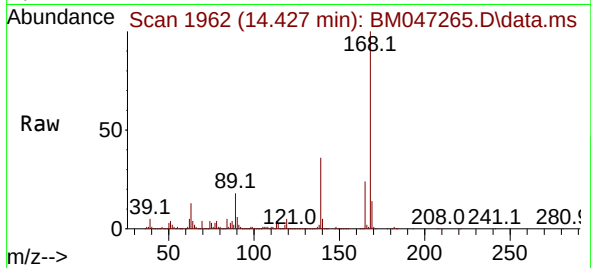




#55
Dibenzenofuran
Concen: 43.381 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

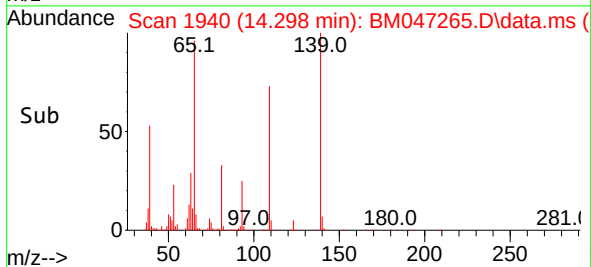
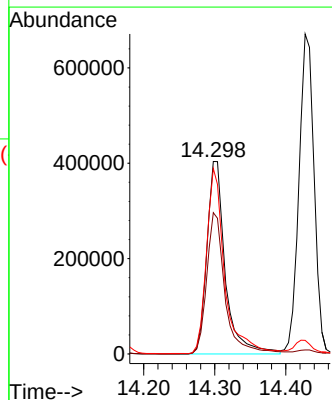
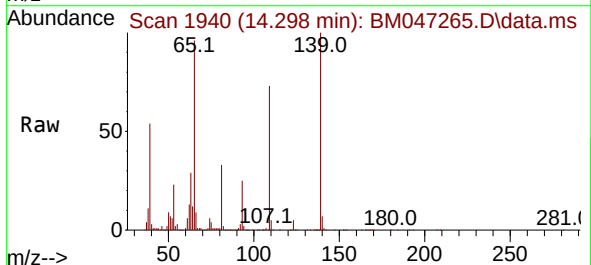
Instrument :
BNA_M
ClientSampleId :
PB162798BS

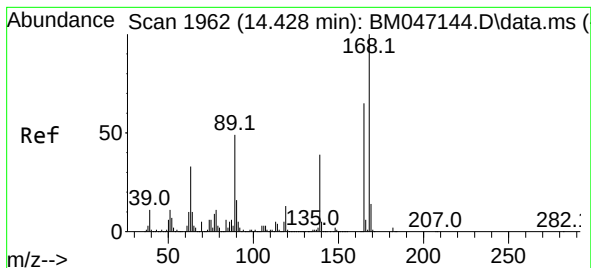
Tgt Ion:168 Resp: 2743787
Ion Ratio Lower Upper
168 100
139 35.8 29.6 44.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 67.135 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:139 Resp: 728894
Ion Ratio Lower Upper
139 100
109 73.4 52.5 92.5
65 96.3 75.4 115.4

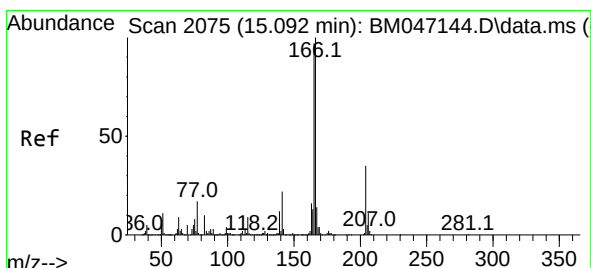
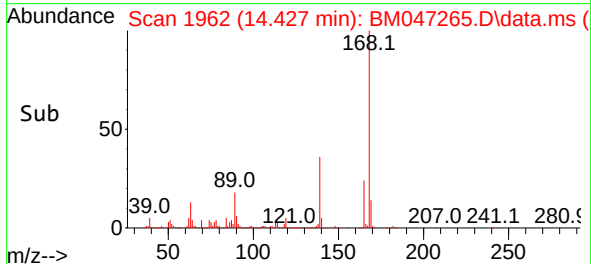
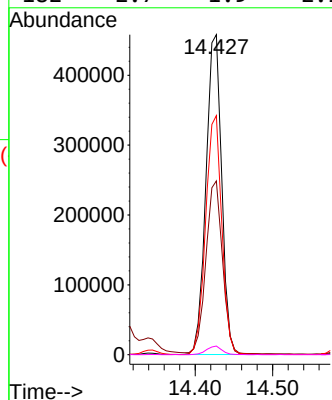
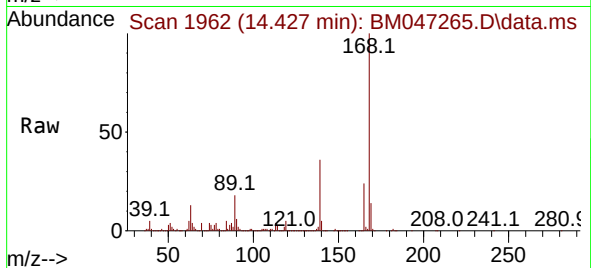




#57
2,4-Dinitrotoluene
Concen: 38.351 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

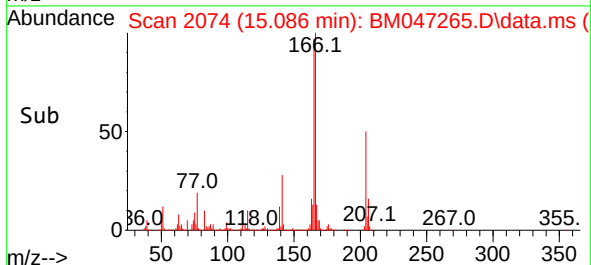
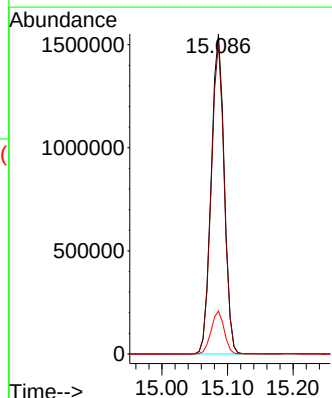
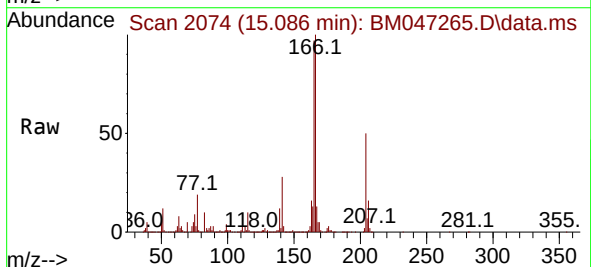
Instrument :
BNA_M
ClientSampleId :
PB162798BS

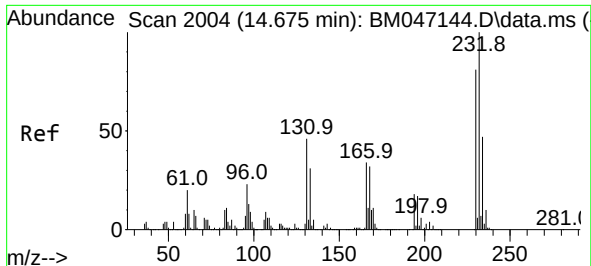
Tgt Ion:	165	Resp:	643208
Ion	Ratio	Lower	Upper
165	100		
63	54.3	40.3	60.5
89	74.7	61.0	91.6
182	2.7	1.9	2.9



#58
Fluorene
Concen: 41.174 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:	166	Resp:	2148762
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.4	116.0
167	13.4	11.0	16.6

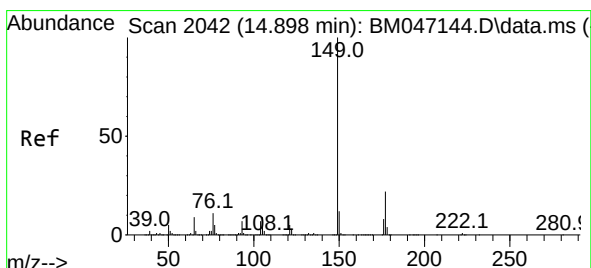
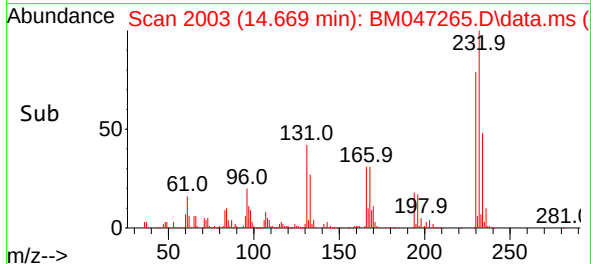
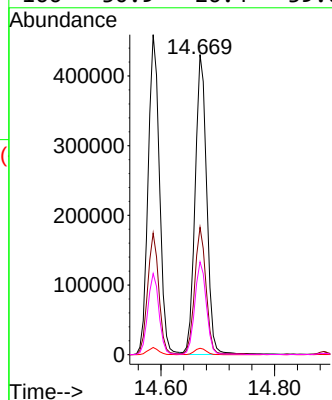
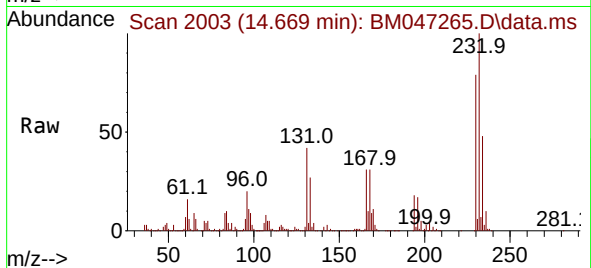




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.111 ng
RT: 14.669 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

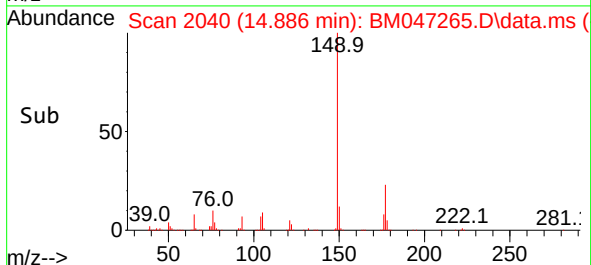
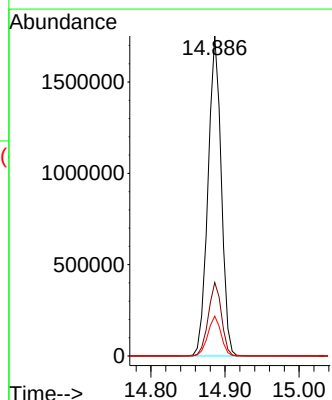
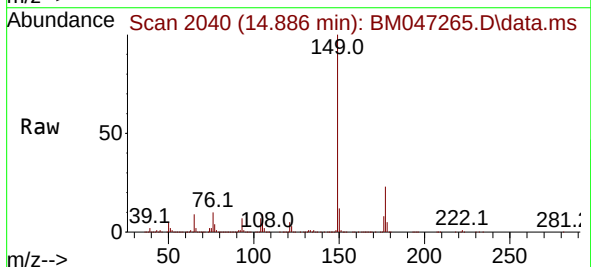
Instrument :
BNA_M
ClientSampleId :
PB162798BS

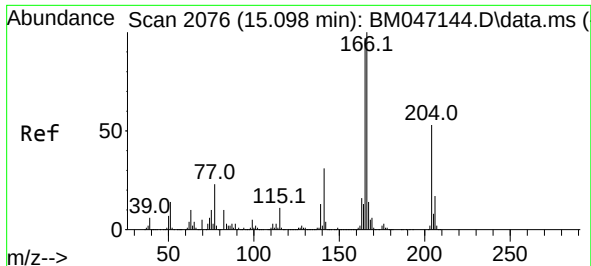
Tgt Ion:232 Resp: 614200
Ion Ratio Lower Upper
232 100
131 40.9 36.9 55.3
130 2.2 2.0 3.0
166 30.9 26.4 39.6



#60
Diethylphthalate
Concen: 39.547 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:149 Resp: 2170734
Ion Ratio Lower Upper
149 100
177 22.9 17.6 26.4
150 12.5 9.8 14.6

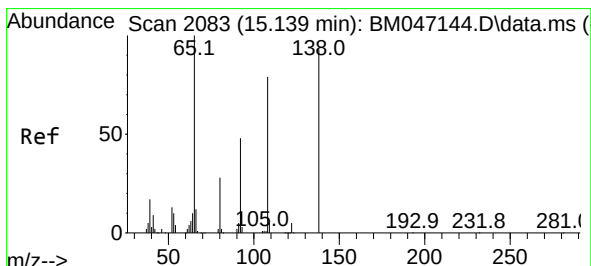
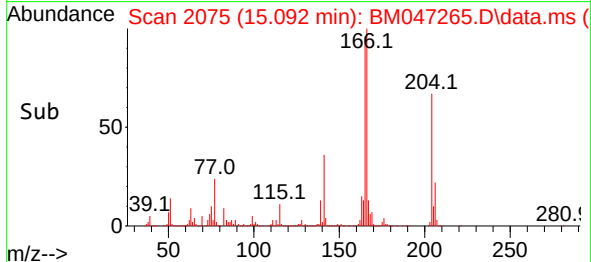
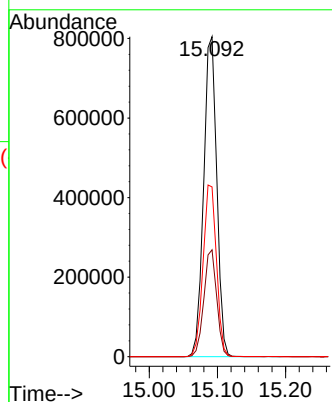
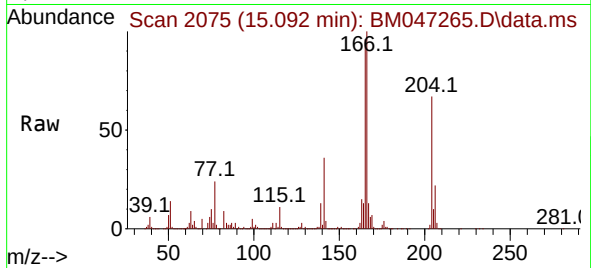




#61
4-Chlorophenyl-phenylether
Concen: 43.376 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

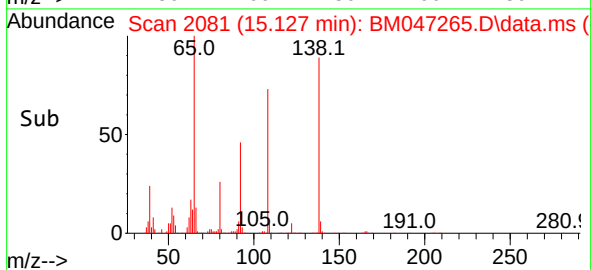
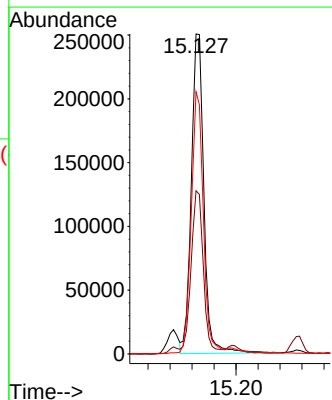
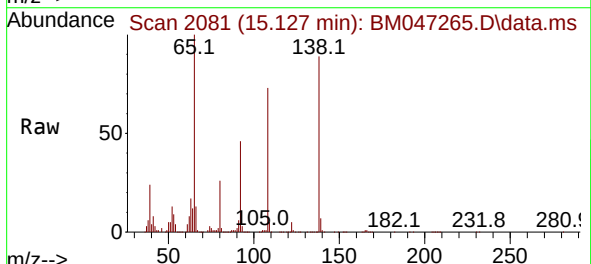
Instrument :
BNA_M
ClientSampleId :
PB162798BS

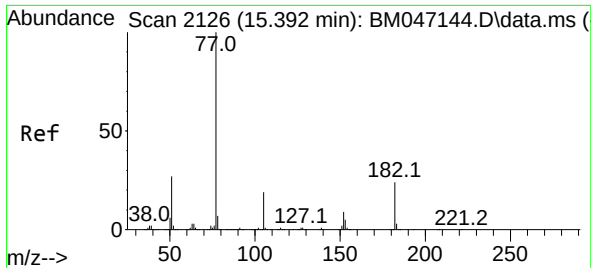
Tgt Ion:204 Resp: 1077680
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 53.1 47.2 70.8



#62
4-Nitroaniline
Concen: 31.879 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:138 Resp: 395437
Ion Ratio Lower Upper
138 100
92 51.0 31.9 71.9
108 81.9 63.8 103.8



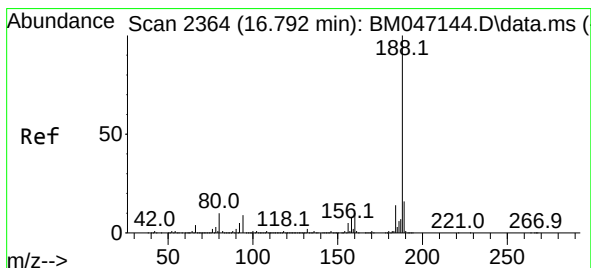
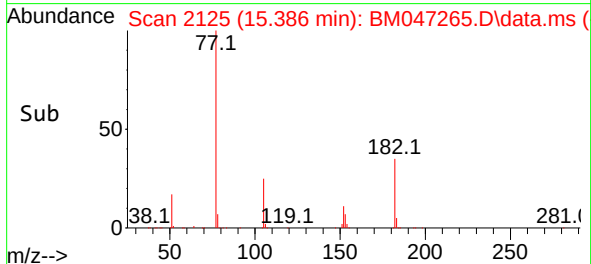
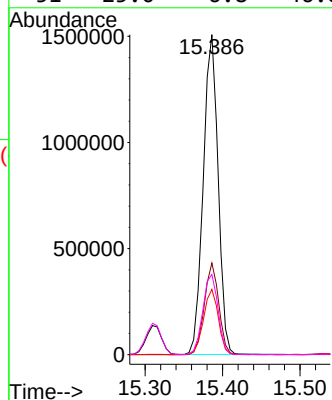
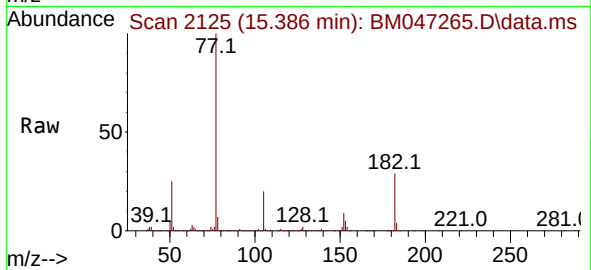


#63
Azobenzene
Concen: 38.484 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Instrument :
BNA_M
ClientSampleId :
PB162798BS

Tgt Ion: 77 Resp: 2002922

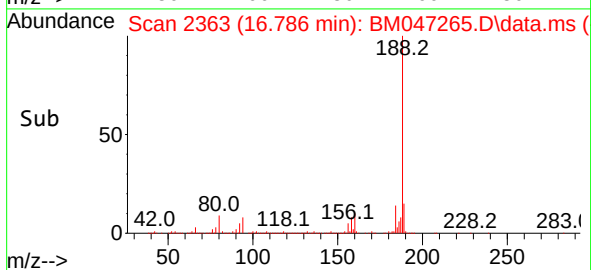
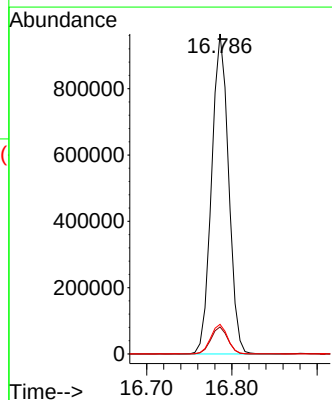
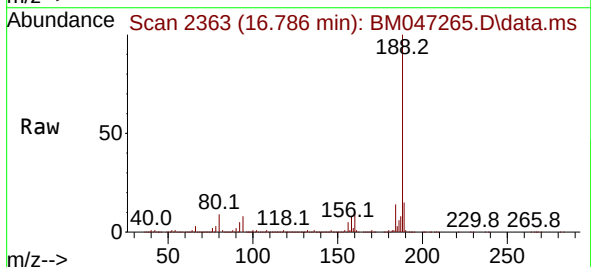
Ion	Ratio	Lower	Upper
77	100		
182	28.6	3.8	43.8
105	20.4	0.0	39.5
51	25.0	6.8	46.8

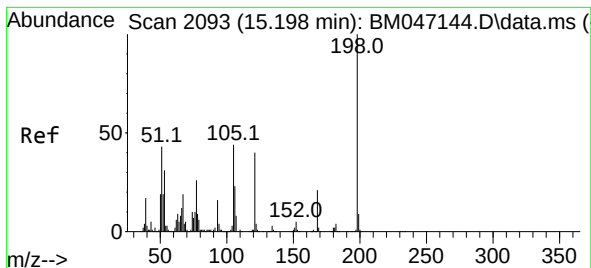


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion: 188 Resp: 1337115

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.3	8.0	12.0

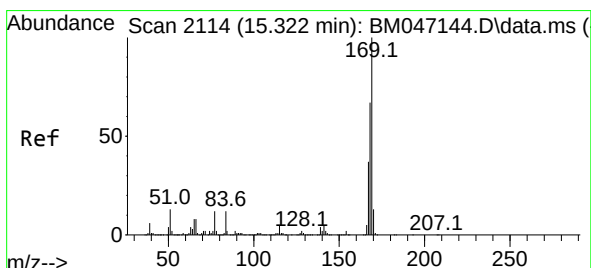
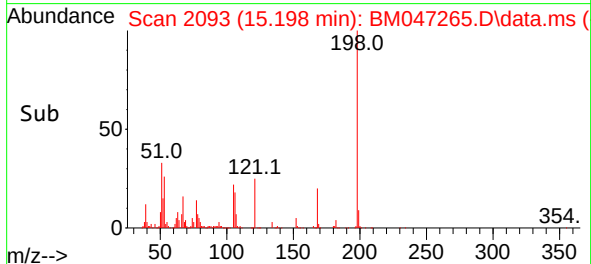
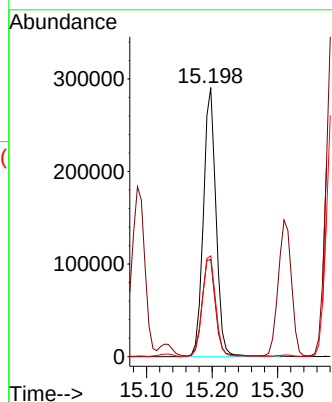
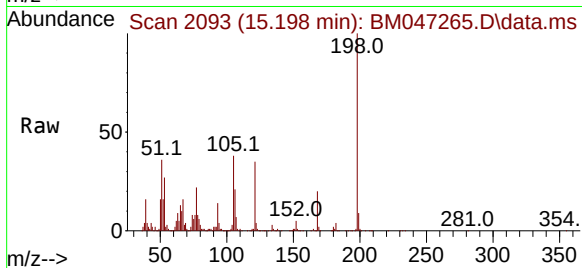




#65
4,6-Dinitro-2-methylphenol
Concen: 49.738 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

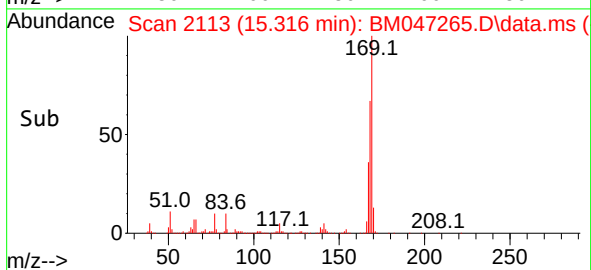
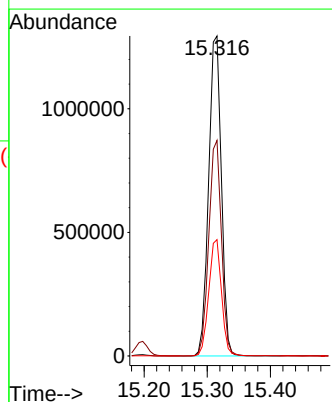
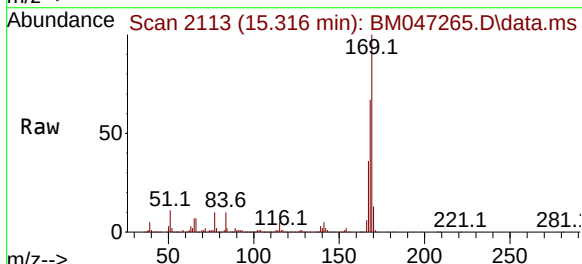
Instrument :
BNA_M
ClientSampleId :
PB162798BS

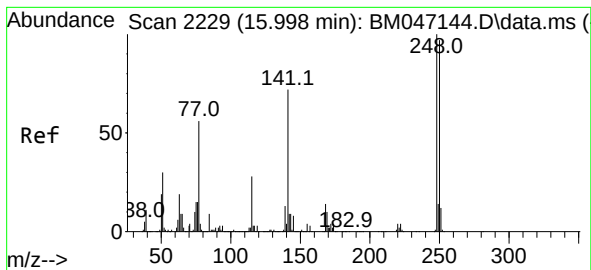
Tgt Ion:198 Resp: 389377
Ion Ratio Lower Upper
198 100
51 36.1 23.9 63.9
105 37.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 49.802 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:169 Resp: 1813767
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 36.3 29.3 43.9

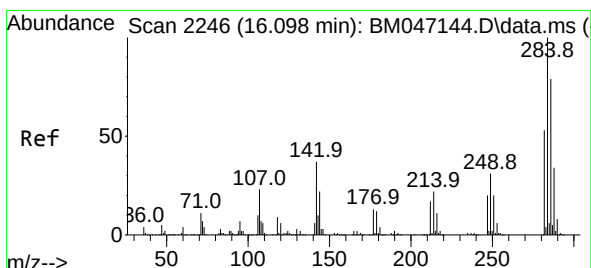
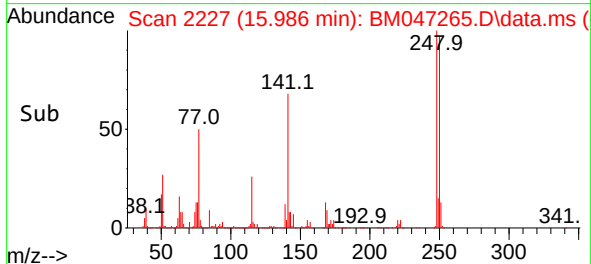
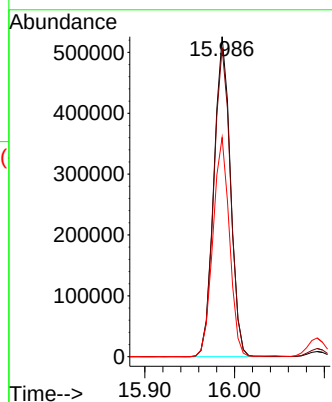
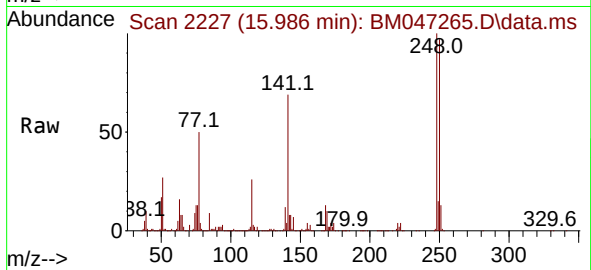




#67
4-Bromophenyl-phenylether
Concen: 52.320 ng
RT: 15.986 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

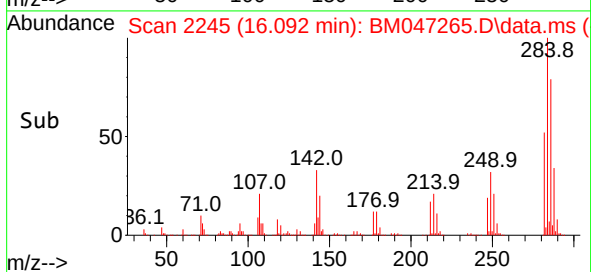
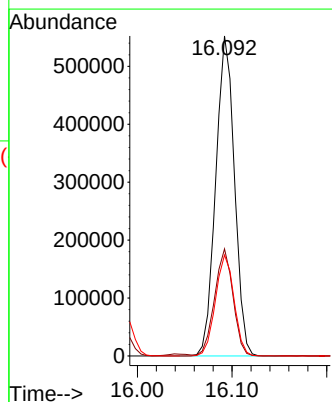
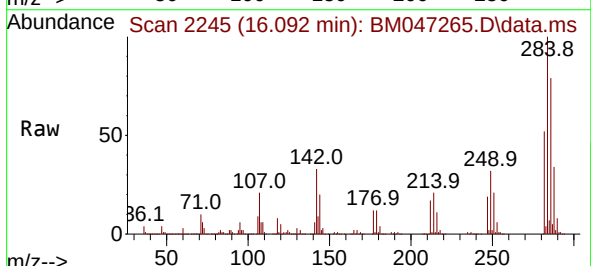
Instrument :
BNA_M
ClientSampleId :
PB162798BS

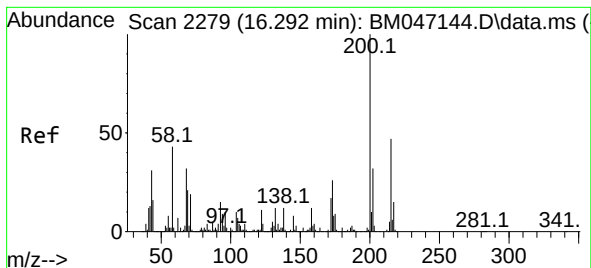
Tgt Ion:248 Resp: 674122
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.8
141 68.5 57.7 86.5



#68
Hexachlorobenzene
Concen: 49.249 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:284 Resp: 759972
Ion Ratio Lower Upper
284 100
142 33.4 29.4 44.0
249 31.6 25.1 37.7





#69

Atrazine

Concen: 48.124 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

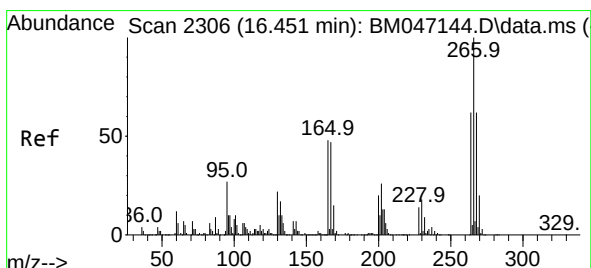
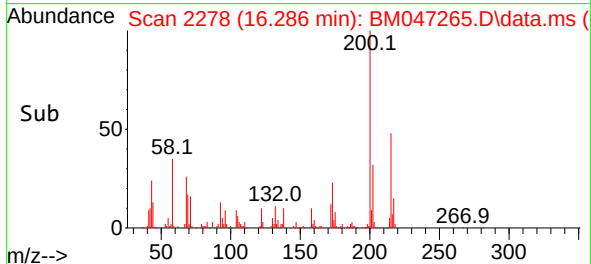
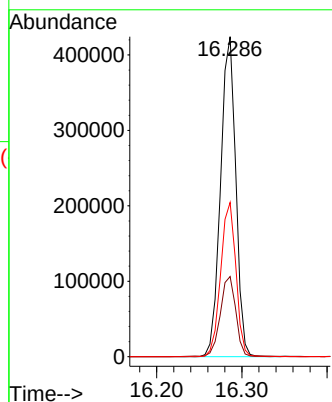
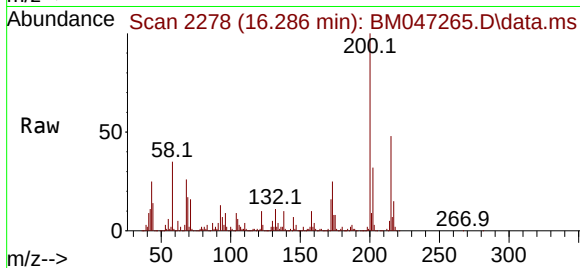
Tgt Ion:200 Resp: 527405

Ion Ratio Lower Upper

200 100

173 25.1 6.1 46.1

215 48.2 26.8 66.8



#70

Pentachlorophenol

Concen: 83.889 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

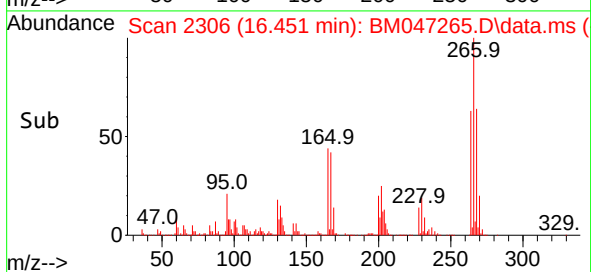
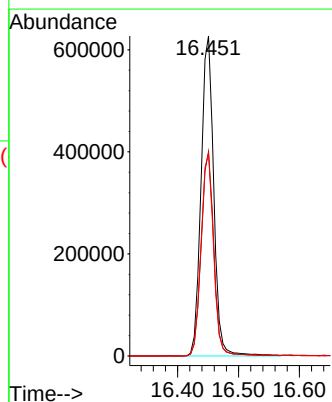
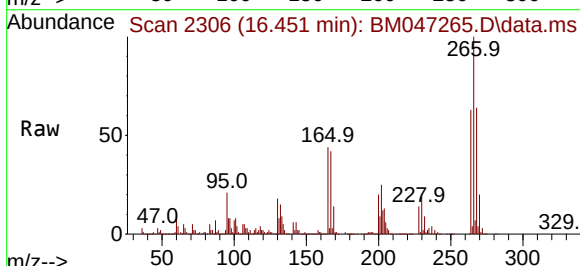
Tgt Ion:266 Resp: 907441

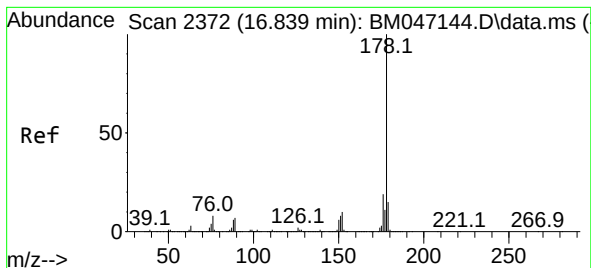
Ion Ratio Lower Upper

266 100

268 63.9 49.8 74.6

264 63.4 49.6 74.4





#71

Phenanthrene

Concen: 45.680 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

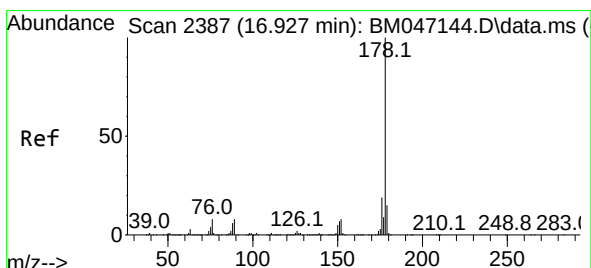
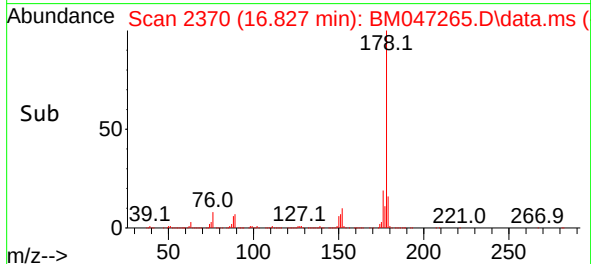
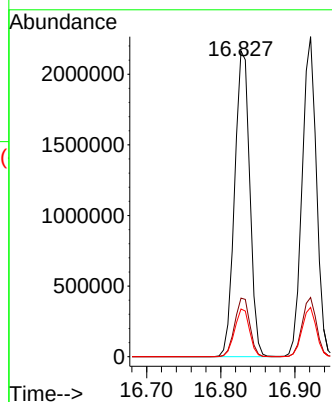
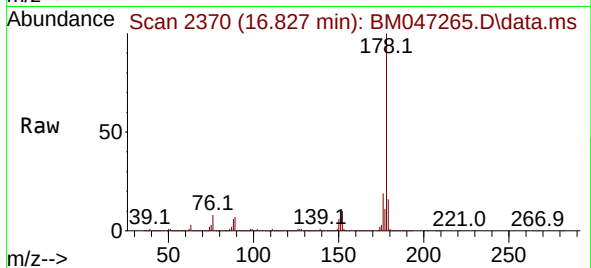
Tgt Ion:178 Resp: 3065315

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.6 12.4 18.6



#72

Anthracene

Concen: 46.720 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

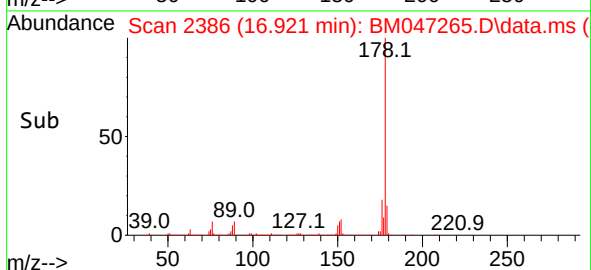
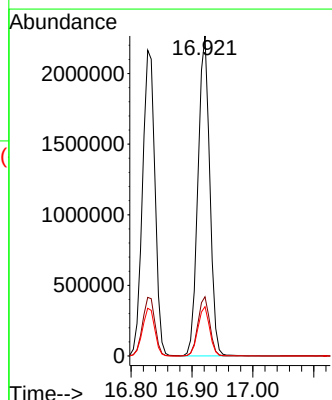
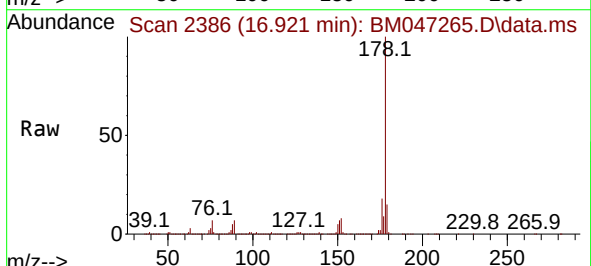
Tgt Ion:178 Resp: 3050543

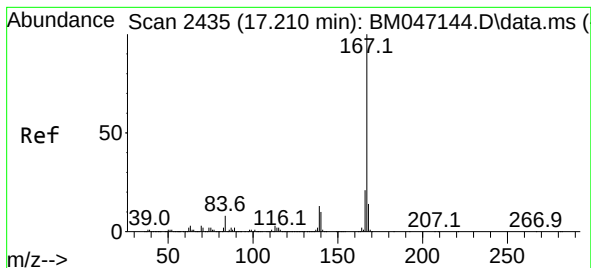
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.4 12.4 18.6





#73

Carbazole

Concen: 40.760 ng

RT: 17.204 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

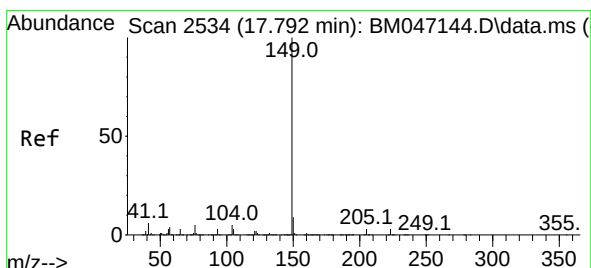
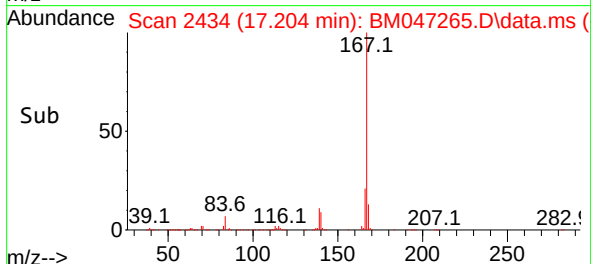
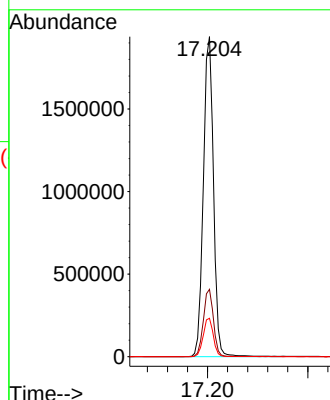
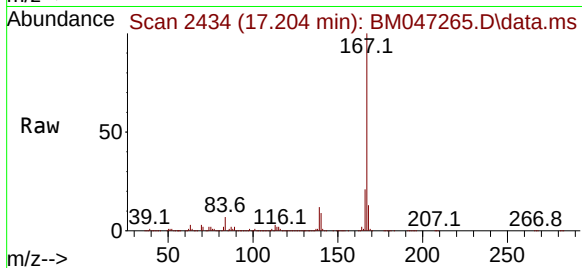
Tgt Ion:167 Resp: 2717331

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 12.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 43.371 ng

RT: 17.786 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

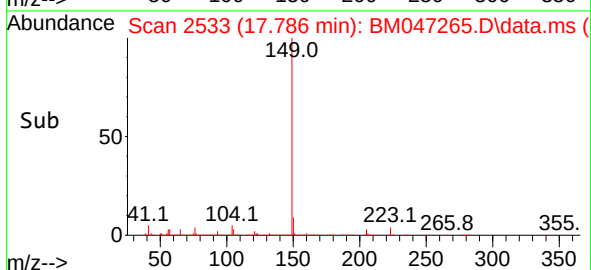
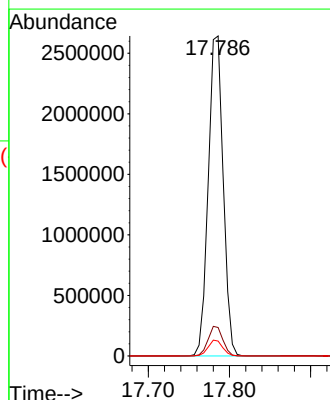
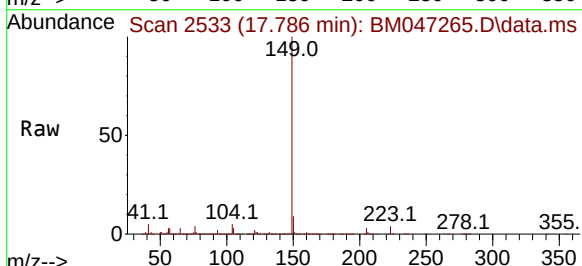
Tgt Ion:149 Resp: 3364337

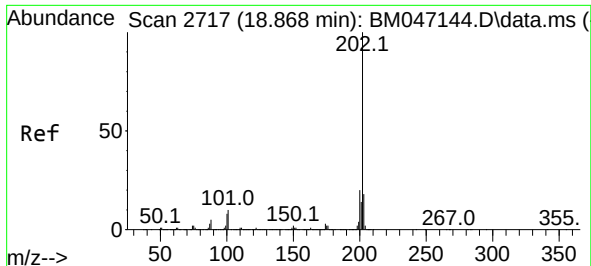
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 4.7 4.1 6.1

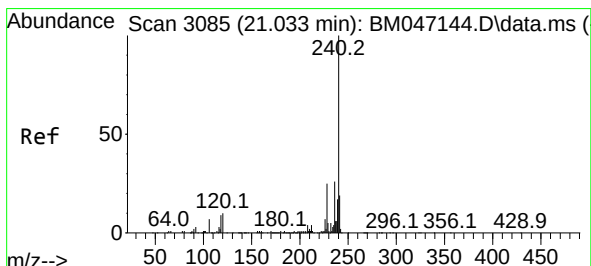
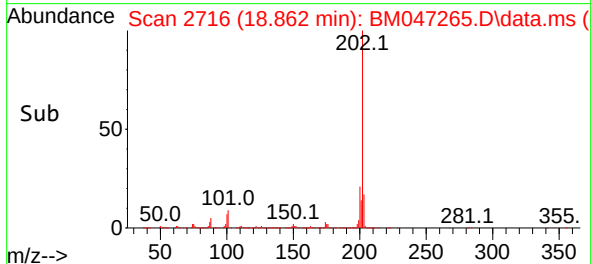
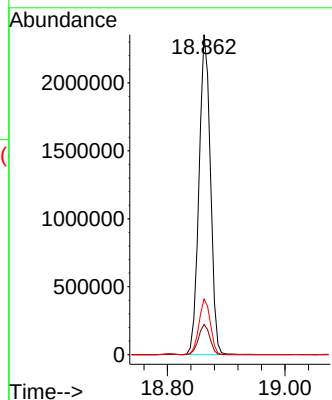
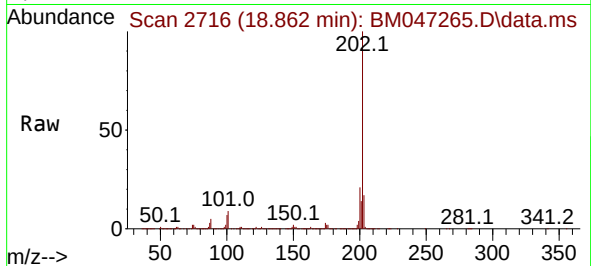




#75
Fluoranthene
Concen: 38.766 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

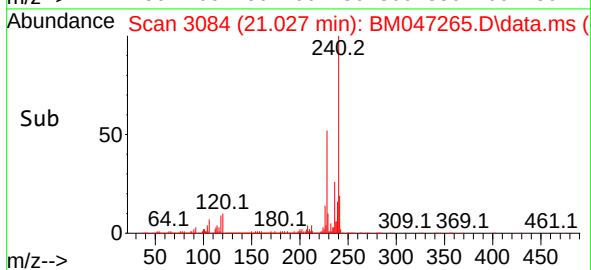
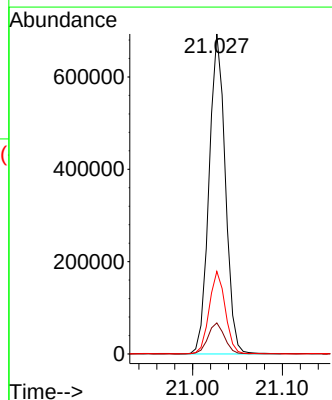
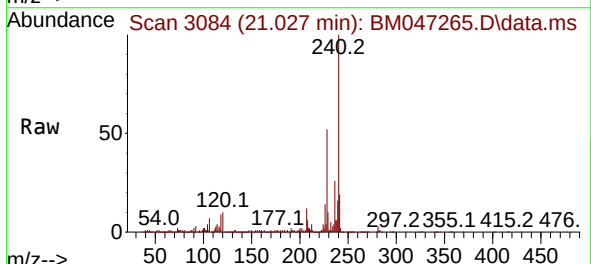
Instrument :
BNA_M
ClientSampleId :
PB162798BS

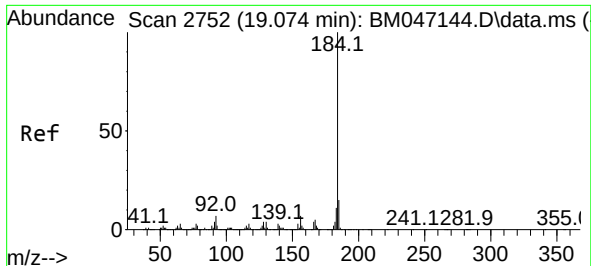
Tgt Ion:202 Resp: 3164096
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:240 Resp: 871812
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 25.8 20.6 30.8

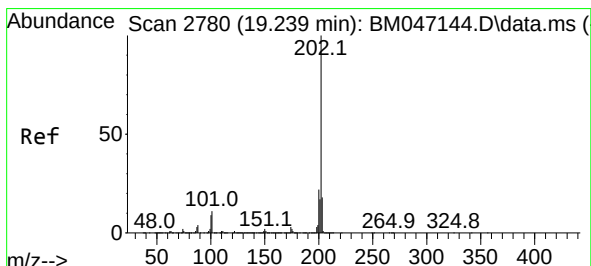
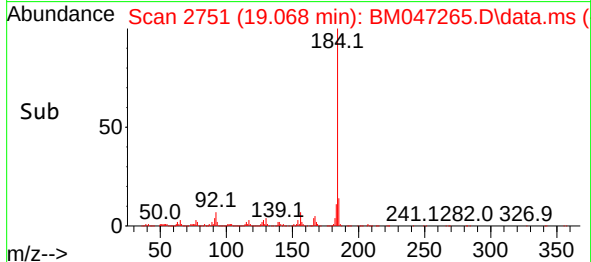
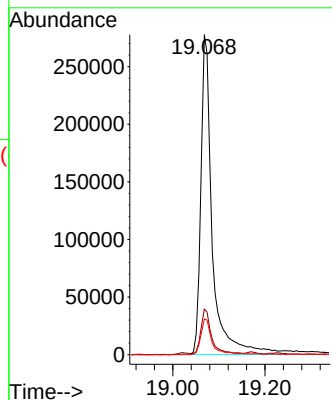
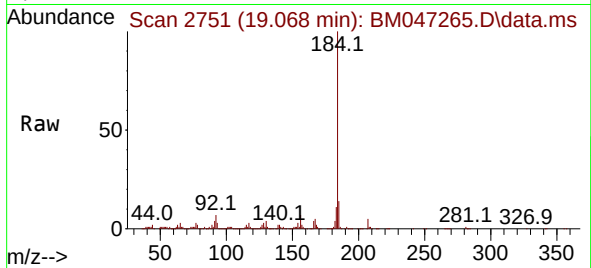




#77
Benzidine
Concen: 32.342 ng
RT: 19.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

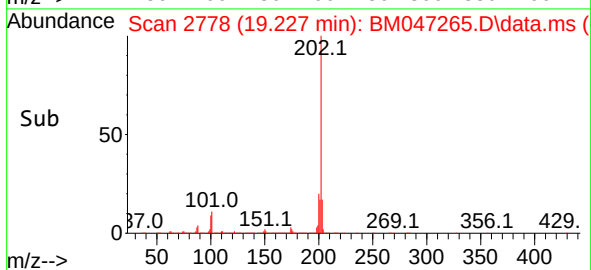
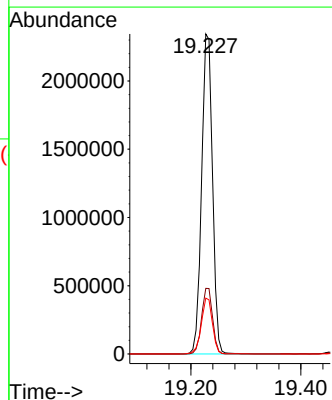
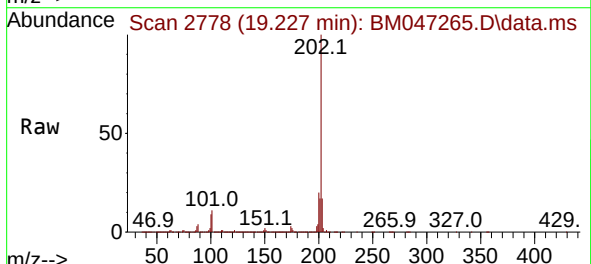
Instrument :
BNA_M
ClientSampleId :
PB162798BS

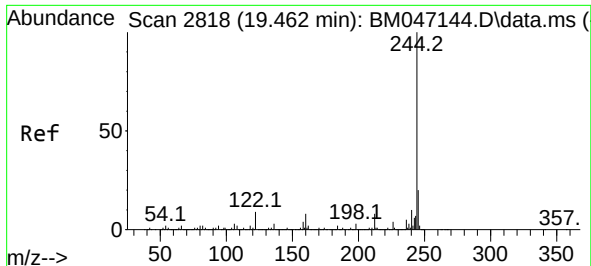
Tgt Ion:184 Resp: 478170
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.1 9.0 13.6



#78
Pyrene
Concen: 51.768 ng
RT: 19.227 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BM047265.D
Acq: 20 Aug 2024 10:30

Tgt Ion:202 Resp: 3222545
Ion Ratio Lower Upper
202 100
200 20.5 17.2 25.8
203 17.4 14.2 21.2

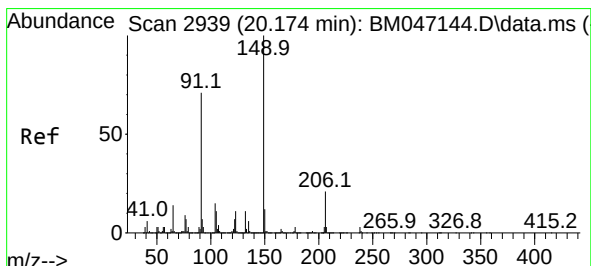
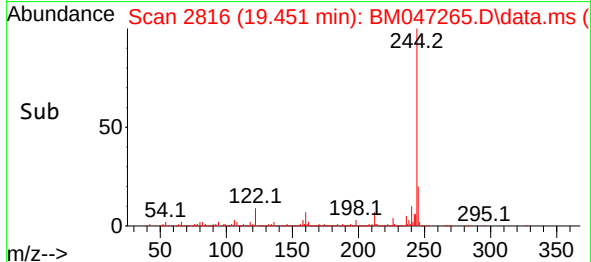
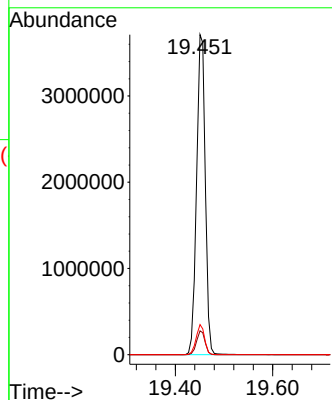
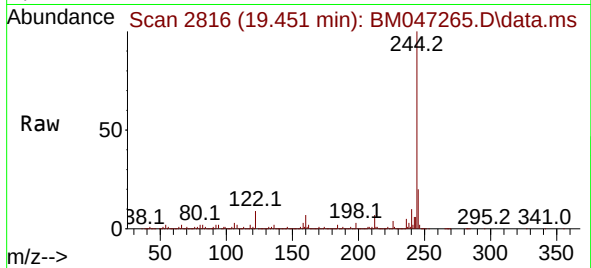




#79
 Terphenyl-d14
 Concen: 114.061 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047265.D
 Acq: 20 Aug 2024 10:30

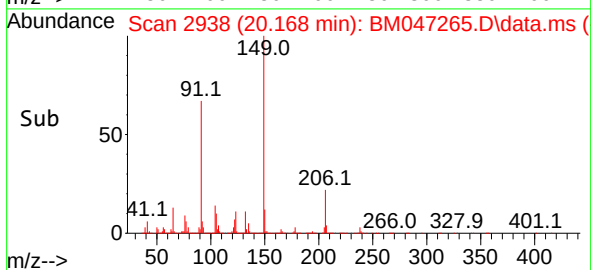
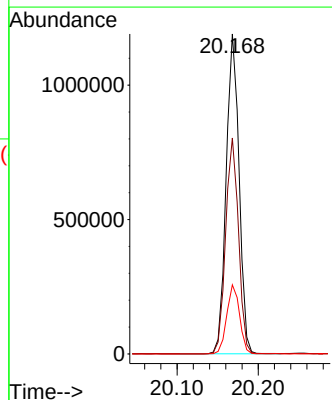
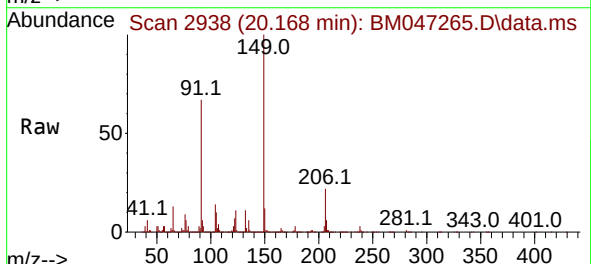
Instrument :
 BNA_M
 ClientSampleId :
 PB162798BS

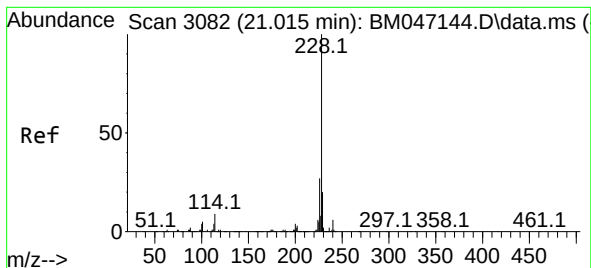
Tgt Ion:244 Resp: 4640734
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.4 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 51.851 ng
 RT: 20.168 min Scan# 2938
 Delta R.T. -0.006 min
 Lab File: BM047265.D
 Acq: 20 Aug 2024 10:30

Tgt Ion:149 Resp: 1317234
 Ion Ratio Lower Upper
 149 100
 91 67.5 57.0 85.4
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.438 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

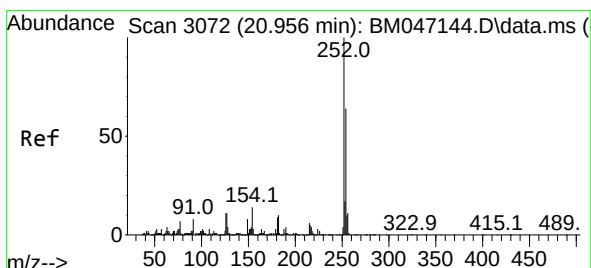
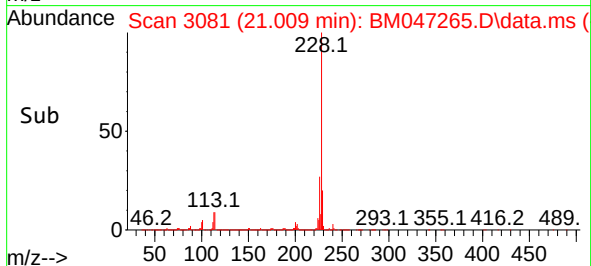
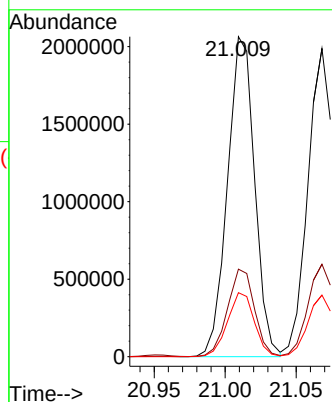
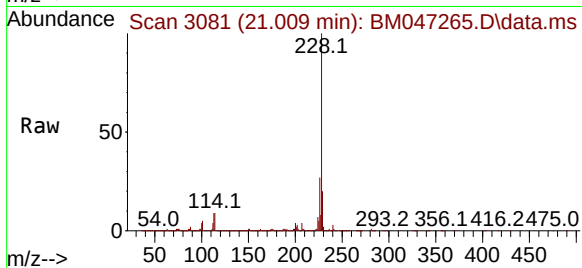
Tgt Ion:228 Resp: 2745507

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.832 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

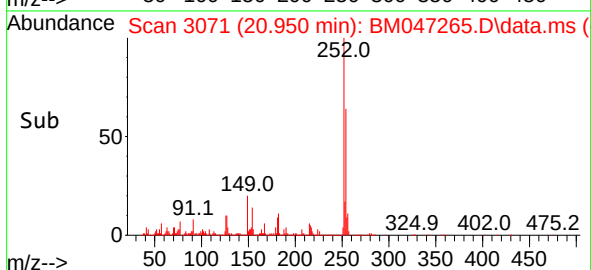
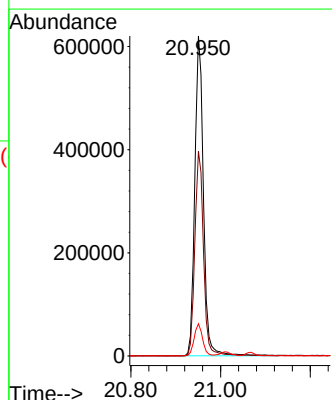
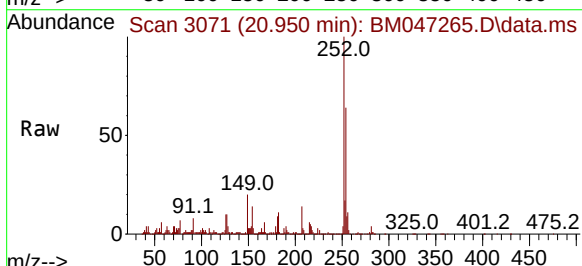
Tgt Ion:252 Resp: 829938

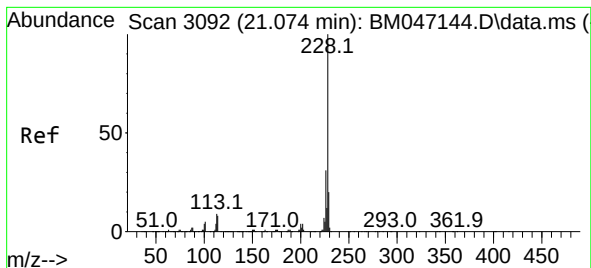
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.6

126 10.1 8.5 12.7





#83

Chrysene

Concen: 46.957 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

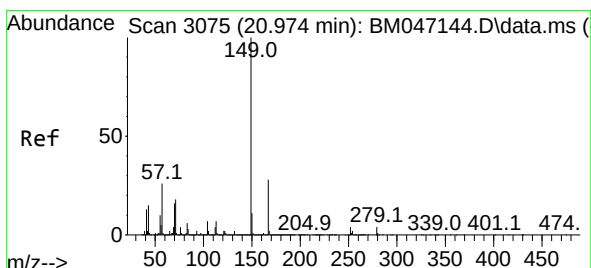
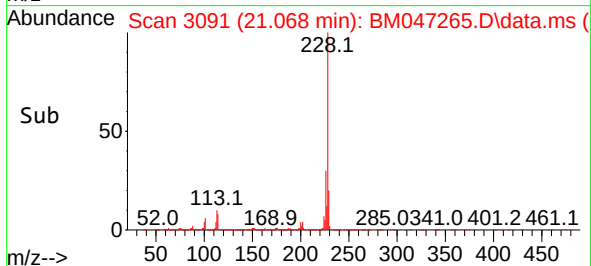
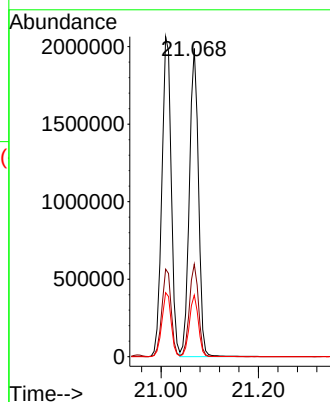
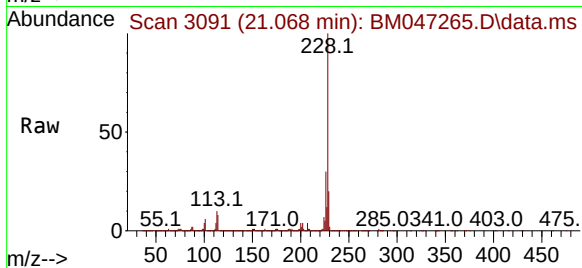
Tgt Ion:228 Resp: 2578444

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.068 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

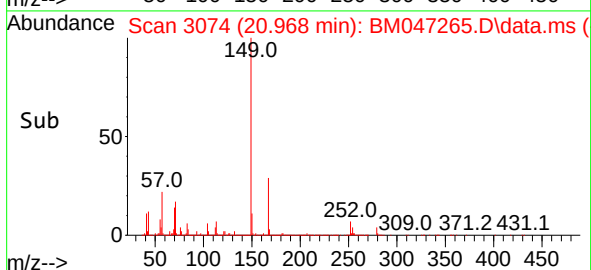
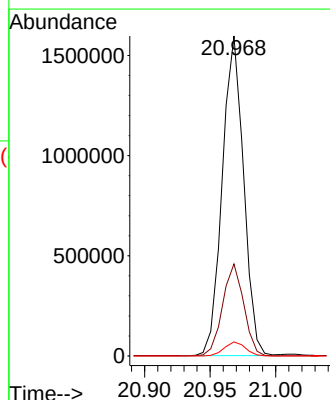
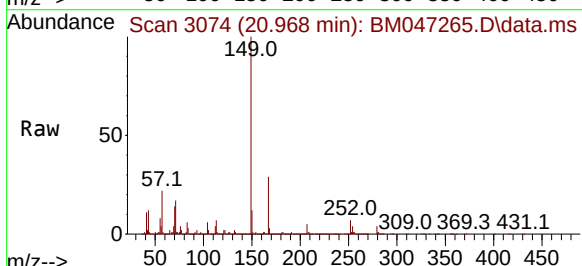
Tgt Ion:149 Resp: 1803813

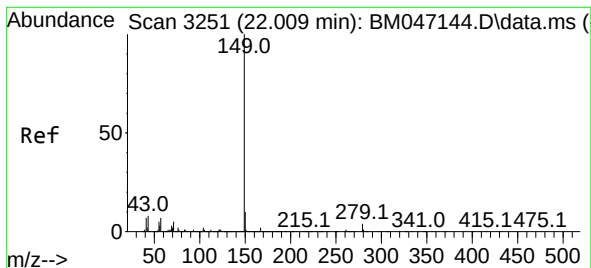
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.2

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 49.291 ng

RT: 21.997 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

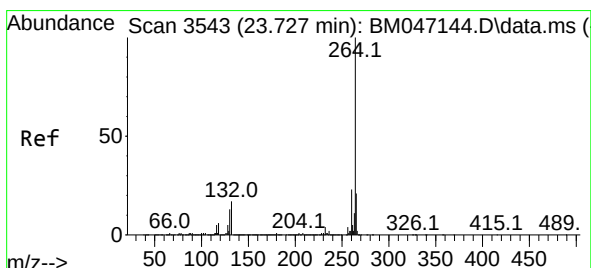
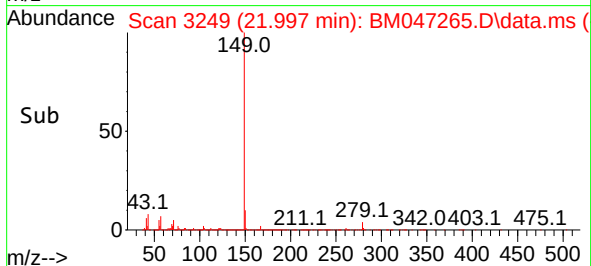
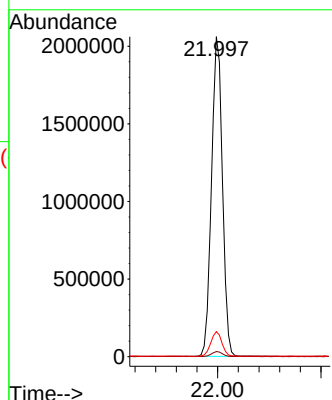
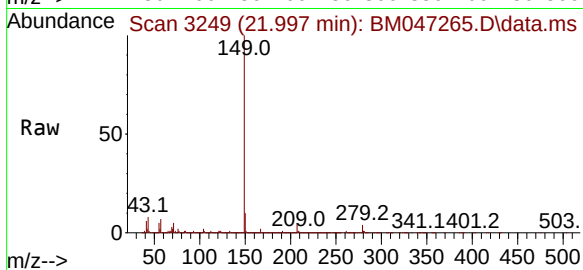
Tgt Ion:149 Resp: 3018420

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

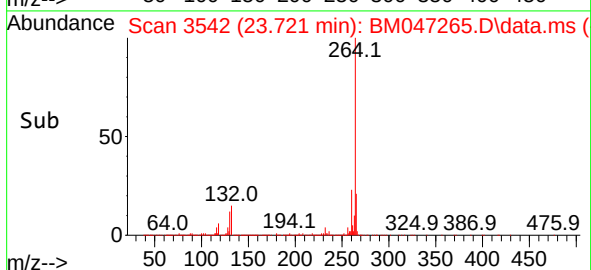
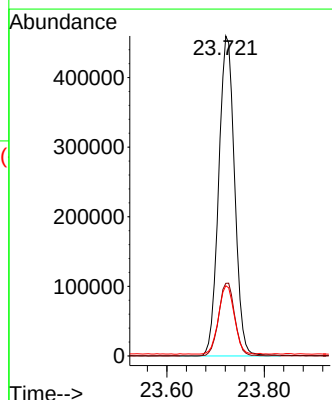
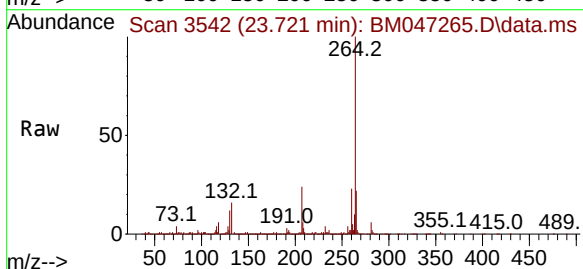
Tgt Ion:264 Resp: 1045421

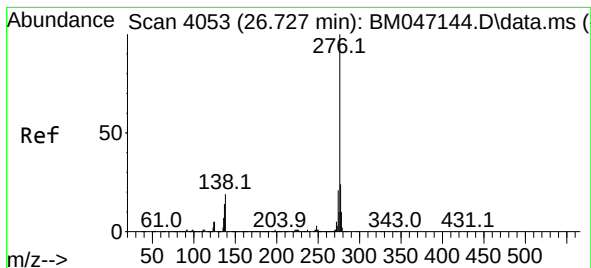
Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.797 ng

RT: 26.732 min Scan# 4053

Delta R.T. 0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

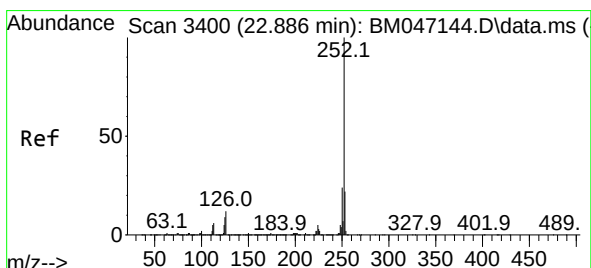
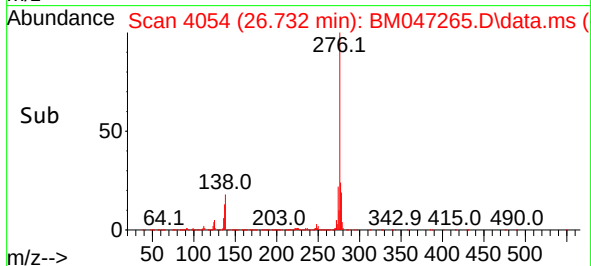
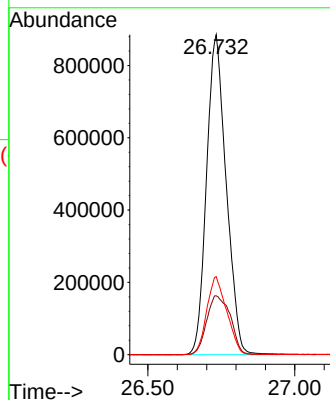
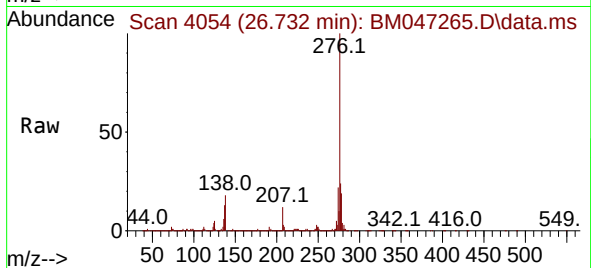
Tgt Ion:276 Resp: 4108257

Ion Ratio Lower Upper

276 100

138 22.3 19.4 29.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.090 ng

RT: 22.886 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

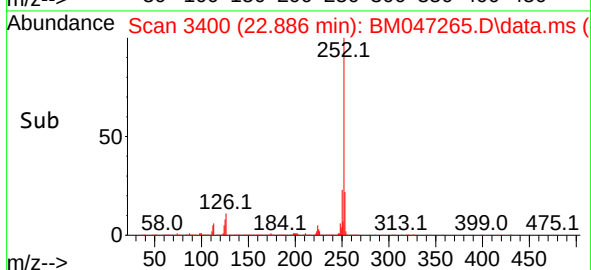
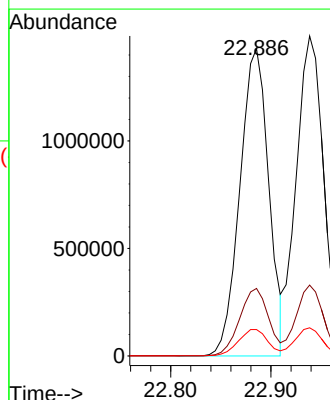
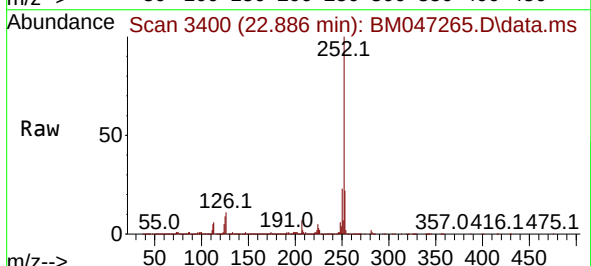
Tgt Ion:252 Resp: 2861441

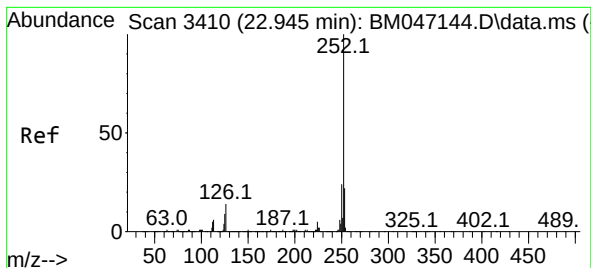
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.366 ng

RT: 22.939 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

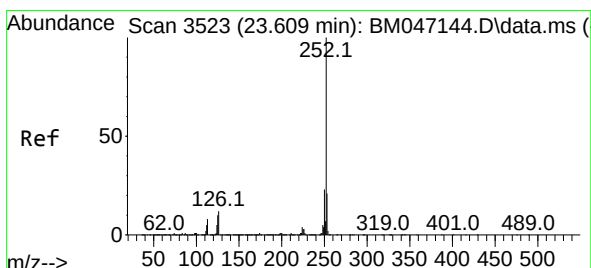
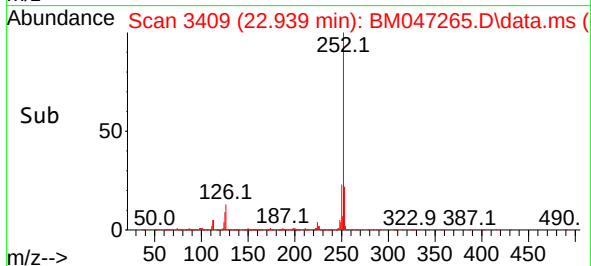
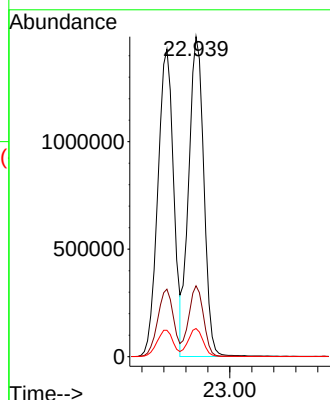
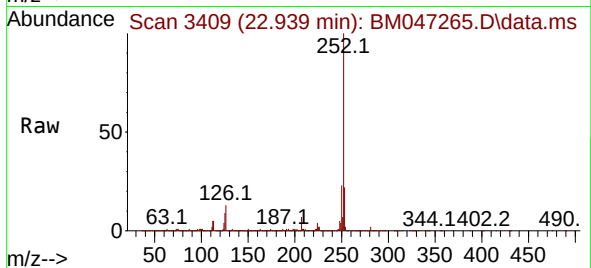
Tgt Ion:252 Resp: 2836242

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.395 ng

RT: 23.603 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

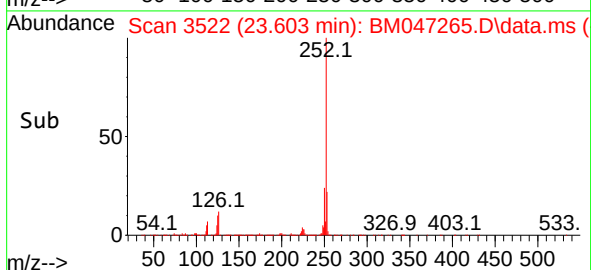
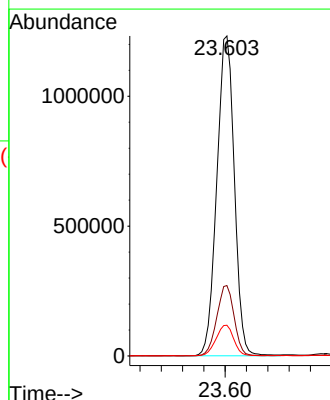
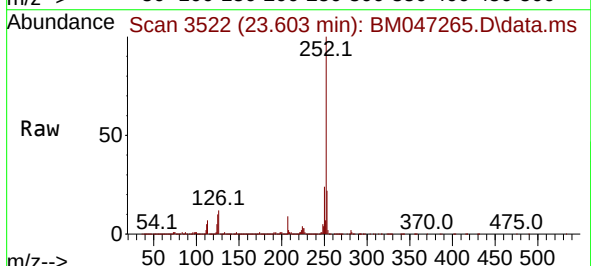
Tgt Ion:252 Resp: 2817831

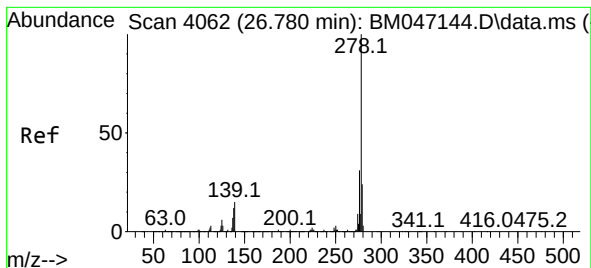
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.6 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 59.606 ng

RT: 26.774 min Scan# 4061

Delta R.T. -0.006 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB162798BS

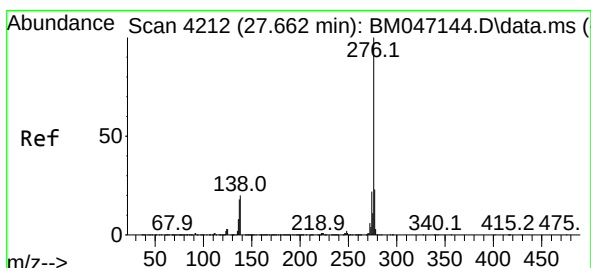
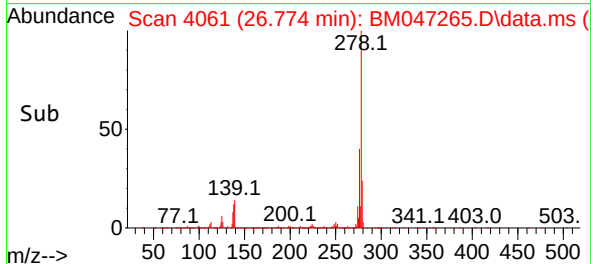
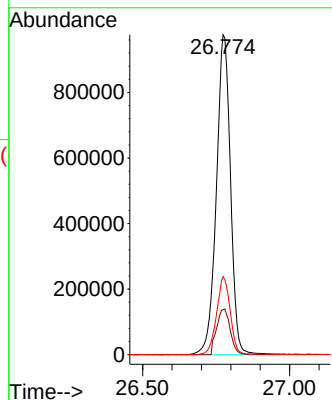
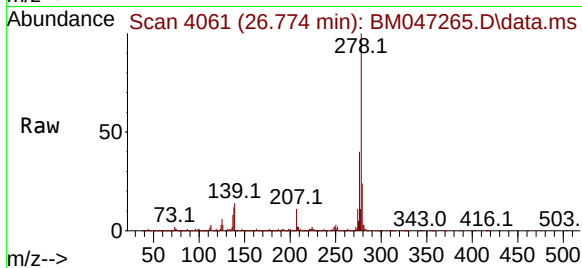
Tgt Ion:278 Resp: 3259606

Ion Ratio Lower Upper

278 100

139 14.1 12.0 18.0

279 24.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 59.152 ng

RT: 27.662 min Scan# 4212

Delta R.T. -0.000 min

Lab File: BM047265.D

Acq: 20 Aug 2024 10:30

Tgt Ion:276 Resp: 3358530

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 18.8 16.2 24.4

