

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047310.D
 Acq On : 22 Aug 2024 10:33
 Operator : RC/JU
 Sample : PB162876BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162876BS

Quant Time: Aug 22 11:26:11 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	7.351	152	282445	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1071183	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	710049	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1479379	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1223655	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1272658	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2036162	128.814	ng	-0.01
7) Phenol-d6	6.575	99	2620862	120.330	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1716495	80.688	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1165422	141.553	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	4086347	88.773	ng	-0.02
79) Terphenyl-d14	19.445	244	6471163	113.318	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	211410	32.279	ng	96
3) Pyridine	3.393	79	580077	30.204	ng	98
4) n-Nitrosodimethylamine	3.316	42	305265	36.381	ng	100
6) Aniline	6.704	93	849706	41.274	ng	98
8) 2-Chlorophenol	6.934	128	790810	45.870	ng	96
9) Benzaldehyde	6.516	77	351325	27.105	ng	99
10) Phenol	6.599	94	913609	42.037	ng	99
11) bis(2-Chloroethyl)ether	6.804	93	750963	40.349	ng	99
12) 1,3-Dichlorobenzene	7.240	146	849725	41.477	ng	97
13) 1,4-Dichlorobenzene	7.387	146	866735	41.785	ng	99
14) 1,2-Dichlorobenzene	7.693	146	831143	42.467	ng	99
15) Benzyl Alcohol	7.610	79	710268	45.820	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.875	45	947398	39.669	ng	98
17) 2-Methylphenol	7.816	107	630855	43.510	ng	99
18) Hexachloroethane	8.404	117	326402	40.624	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	558160	38.045	ng	98
20) 3+4-Methylphenols	8.146	107	865676	42.707	ng	99
22) Acetophenone	8.175	105	1070950	41.419	ng	98
24) Nitrobenzene	8.545	77	855210	39.924	ng	96
25) Isophorone	9.069	82	1587620	42.862	ng	98
26) 2-Nitrophenol	9.245	139	454223	47.880	ng	94
27) 2,4-Dimethylphenol	9.328	122	628473	56.555	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1000195	42.914	ng	99
29) 2,4-Dichlorophenol	9.781	162	814262	49.384	ng	97
30) 1,2,4-Trichlorobenzene	9.981	180	833761	44.683	ng	98
31) Naphthalene	10.157	128	2272697	42.590	ng	100
32) Benzoic acid	9.522	122	544885	42.204	ng	97
33) 4-Chloroaniline	10.287	127	613408	29.892	ng	99
34) Hexachlorobutadiene	10.439	225	526142	48.174	ng	99
35) Caprolactam	11.104	113	255114	44.553	ng	92
36) 4-Chloro-3-methylphenol	11.439	107	795626	45.309	ng	100
37) 2-Methylnaphthalene	11.786	142	1678265	44.172	ng	99
38) 1-Methylnaphthalene	12.010	142	1556236	41.444	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	917837	47.392	ng	99
41) Hexachlorocyclopentadiene	12.139	237	1132865	167.517	ng	97
43) 2,4,6-Trichlorophenol	12.428	196	678441	49.286	ng	99

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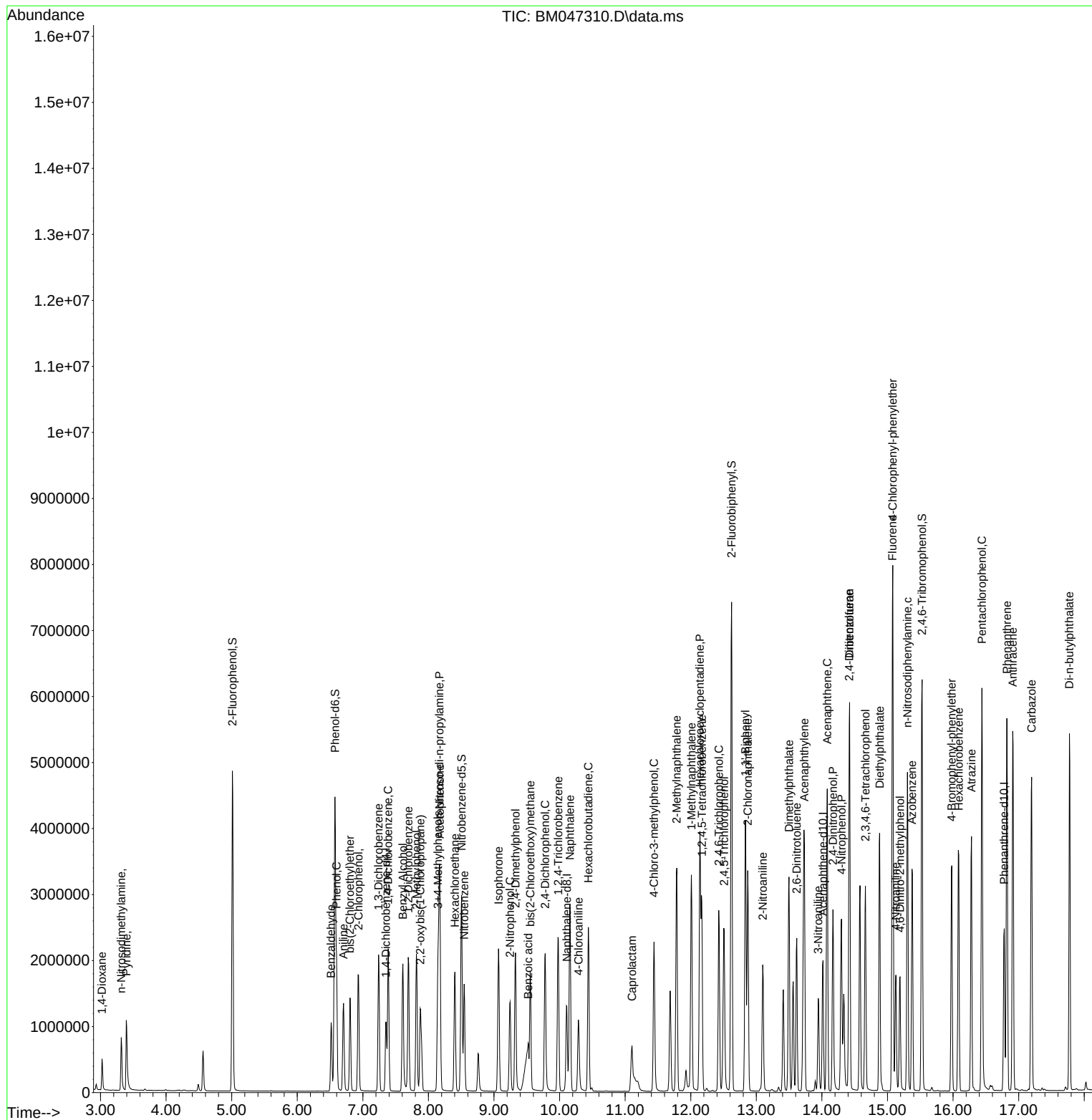
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	730936	47.824	ng	97
46) 1,1'-Biphenyl	12.833	154	2169847	42.925	ng	99
47) 2-Chloronaphthalene	12.869	162	1681833	42.568	ng	98
48) 2-Nitroaniline	13.098	65	530150	42.831	ng	95
49) Acenaphthylene	13.733	152	2704398	46.437	ng	100
50) Dimethylphthalate	13.498	163	2251972	45.411	ng	99
51) 2,6-Dinitrotoluene	13.616	165	510288	44.019	ng	90
52) Acenaphthene	14.080	154	1642300	44.456	ng	99
53) 3-Nitroaniline	13.945	138	370047	31.856	ng	99
54) 2,4-Dinitrophenol	14.169	184	678286	97.625	ng	91
55) Dibenzofuran	14.422	168	2587826	44.348	ng	98
56) 4-Nitrophenol	14.298	139	827328	82.596	ng	97
57) 2,4-Dinitrotoluene	14.416	165	678658	43.861	ng	97
58) Fluorene	15.074	166	2109000	43.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	631983	50.313	ng	94
60) Diethylphthalate	14.880	149	2230677	44.049	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	1059646	46.229	ng	94
62) 4-Nitroaniline	15.127	138	471865	41.233	ng	96
63) Azobenzene	15.374	77	1989512	41.435	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	428862	49.514	ng	88
66) n-Nitrosodiphenylamine	15.304	169	1871683	46.450	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	695804	48.809	ng	96
68) Hexachlorobenzene	16.086	284	794331	46.525	ng	95
69) Atrazine	16.280	200	729838	60.191	ng	98
70) Pentachlorophenol	16.439	266	1074718	89.799	ng	98
71) Phenanthrene	16.821	178	3384793	45.590	ng	100
72) Anthracene	16.910	178	3451340	47.776	ng	100
73) Carbazole	17.198	167	3219394	43.647	ng	99
74) Di-n-butylphthalate	17.774	149	3941045	45.920	ng	99
75) Fluoranthene	18.857	202	4007400	44.376	ng	99
77) Benzidine	19.062	184	2051336	98.853	ng	99
78) Pyrene	19.221	202	4187851	47.931	ng	99
80) Butylbenzylphthalate	20.162	149	1784095	50.035	ng	95
81) Benzo(a)anthracene	21.003	228	3750236	46.166	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	1153958	45.402	ng	98
83) Chrysene	21.062	228	3476141	45.103	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	2513126	49.699	ng	99
85) Di-n-octyl phthalate	21.986	149	4419245	51.417	ng	98
87) Indeno(1,2,3-cd)pyrene	26.703	276	3579535	43.514	ng	98
88) Benzo(b)fluoranthene	22.874	252	3486325	46.129	ng	99
89) Benzo(k)fluoranthene	22.927	252	3398739	47.610	ng	99
90) Benzo(a)pyrene	23.586	252	3199740	48.873	ng	99
91) Dibenzo(a,h)anthracene	26.744	278	2860173	42.963	ng	99
92) Benzo(g,h,i)perylene	27.627	276	2719535	39.346	ng	99

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

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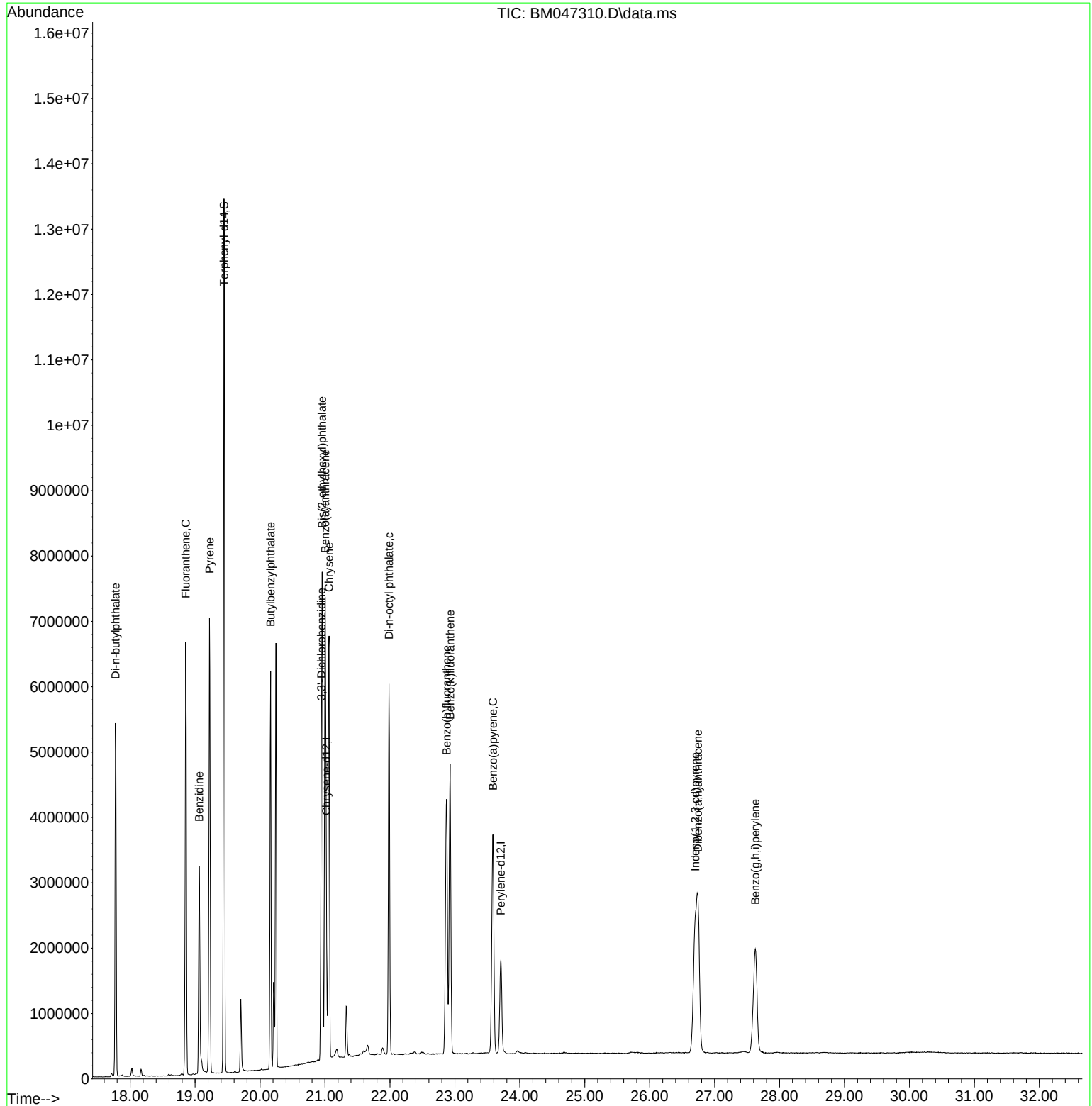
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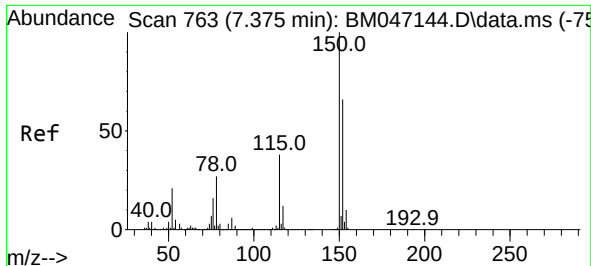


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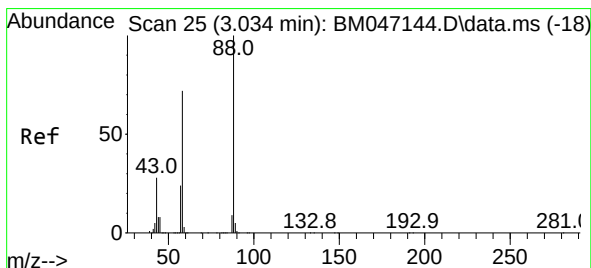
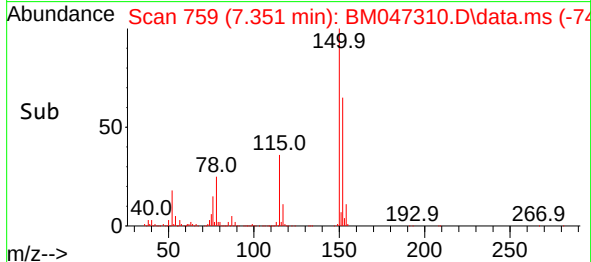
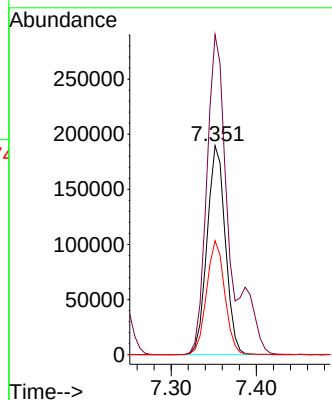
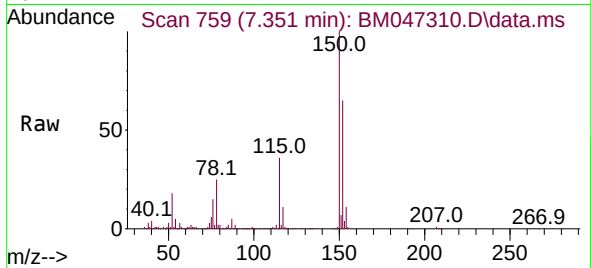




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.351 min Scan# 71
 Delta R.T. -0.024 min
 Lab File: BM047310.D
 Acq: 22 Aug 2024 10:33

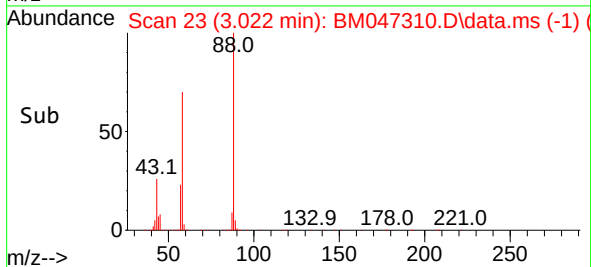
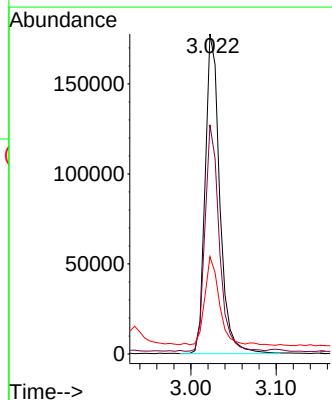
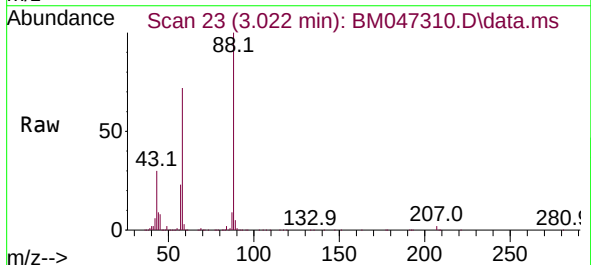
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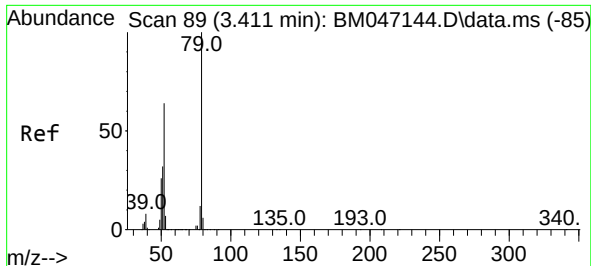
Tgt Ion:152 Resp: 282445
 Ion Ratio Lower Upper
 152 100
 150 153.1 120.5 180.7
 115 54.5 45.5 68.3



#2
 1,4-Dioxane
 Concen: 32.279 ng
 RT: 3.022 min Scan# 23
 Delta R.T. -0.012 min
 Lab File: BM047310.D
 Acq: 22 Aug 2024 10:33

Tgt Ion: 88 Resp: 211410
 Ion Ratio Lower Upper
 88 100
 58 69.0 58.2 87.4
 43 26.7 22.5 33.7

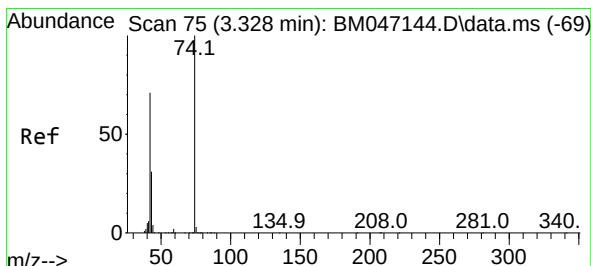
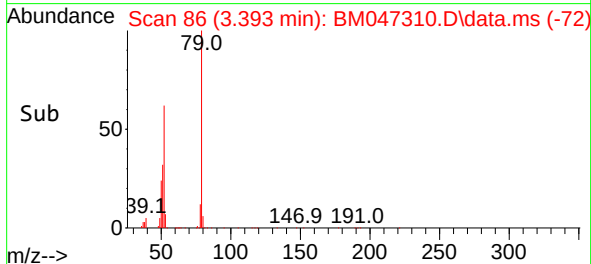
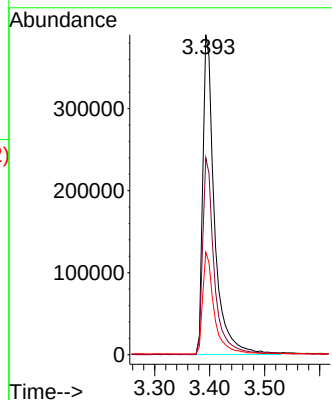
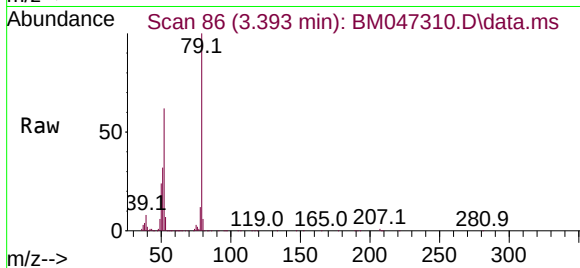




#3
Pyridine
Concen: 30.204 ng
RT: 3.393 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

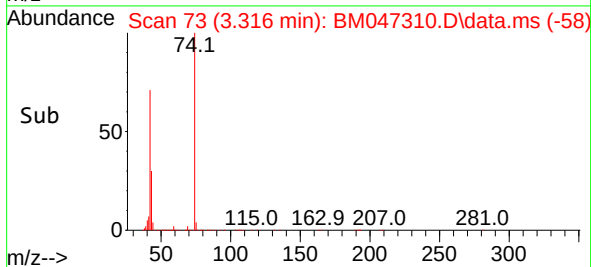
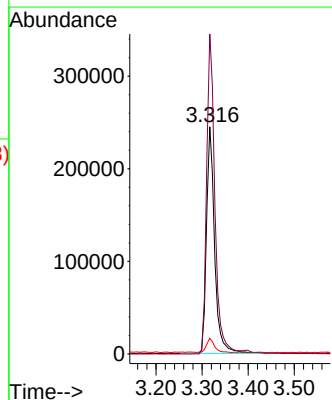
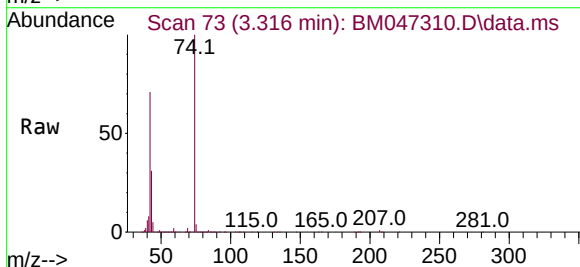
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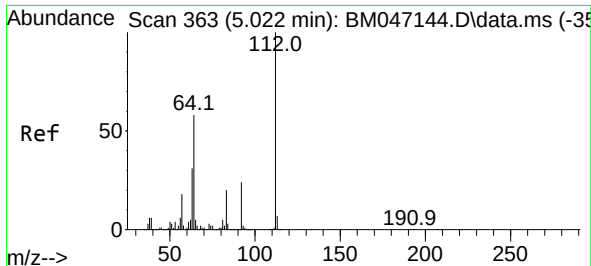
Tgt Ion: 79 Resp: 580077
Ion Ratio Lower Upper
79 100
52 61.5 51.2 76.8
51 32.0 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 36.381 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 42 Resp: 305265
Ion Ratio Lower Upper
42 100
74 140.8 112.9 169.3
44 6.9 5.3 7.9

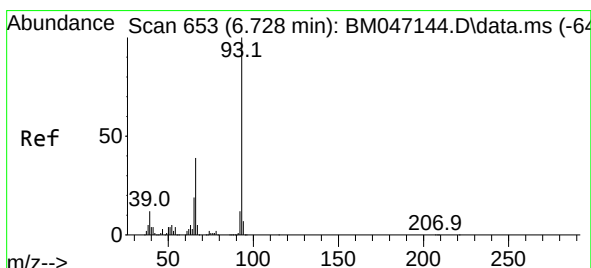
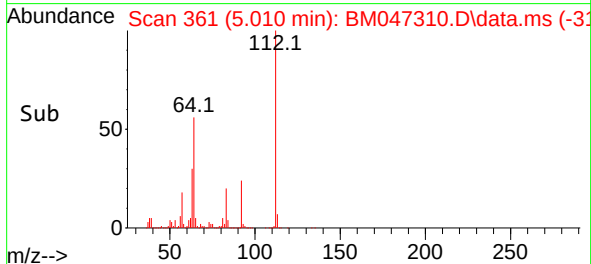
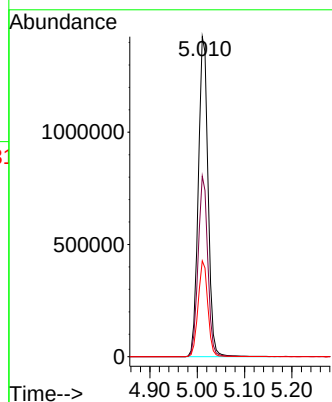
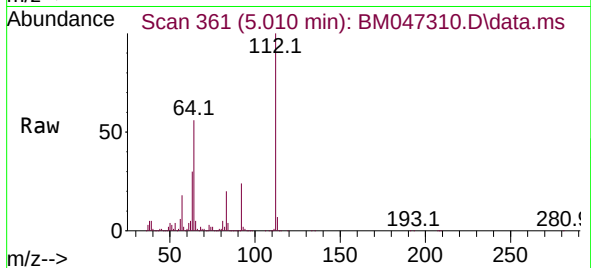




#5
2-Fluorophenol
Concen: 128.814 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047310.D
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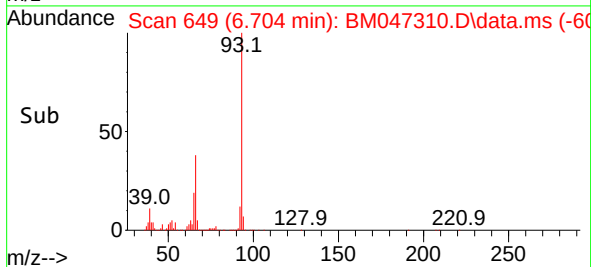
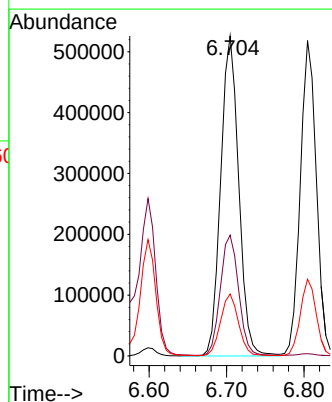
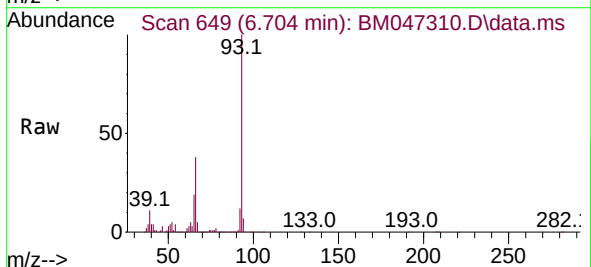
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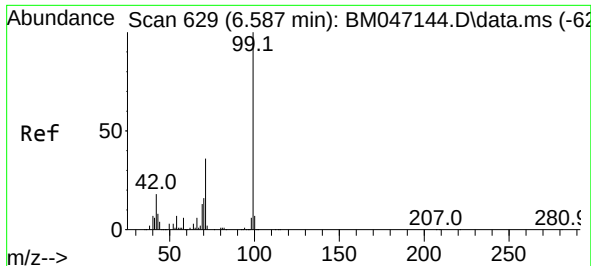
Tgt Ion:112 Resp: 2036162
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 30.0 24.8 37.2



#6
Aniline
Concen: 41.274 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 93 Resp: 849706
Ion Ratio Lower Upper
93 100
66 37.8 31.4 47.2
65 19.4 15.6 23.4



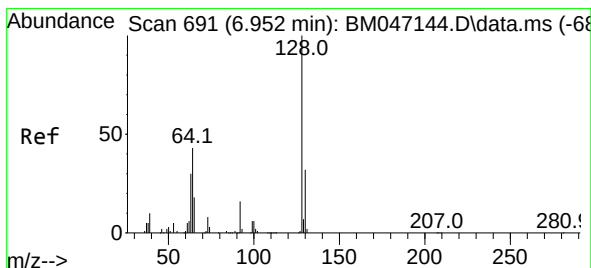
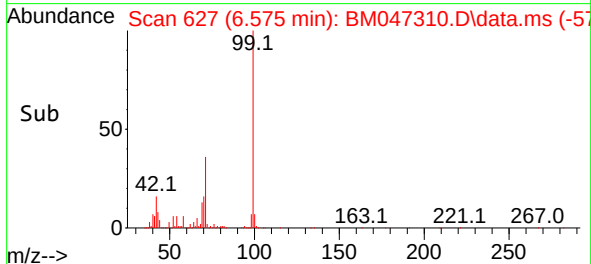
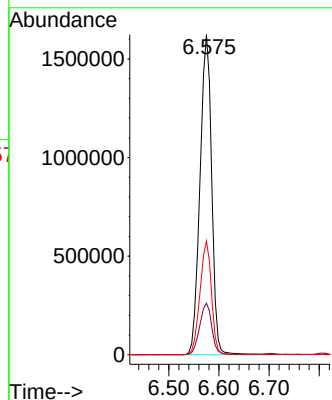
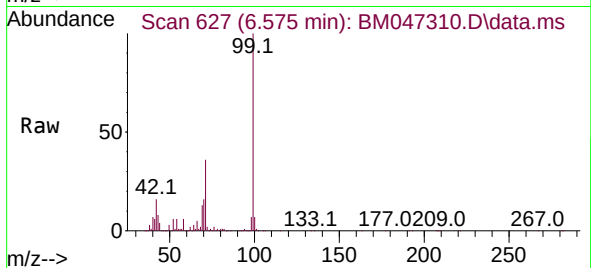


#7
Phenol-d6
Concen: 120.330 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
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ClientSampleId :
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Tgt Ion: 99 Resp: 2620862

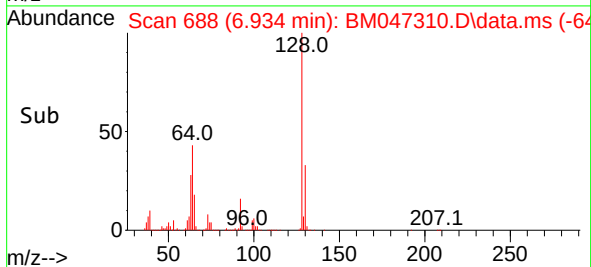
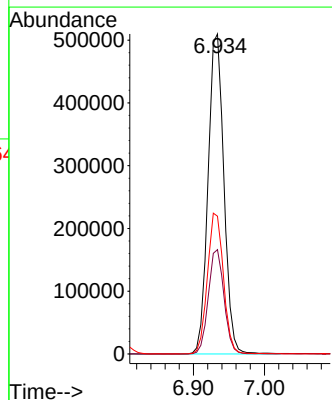
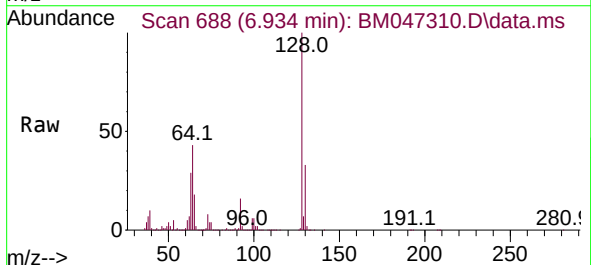
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	35.5	28.5	42.7

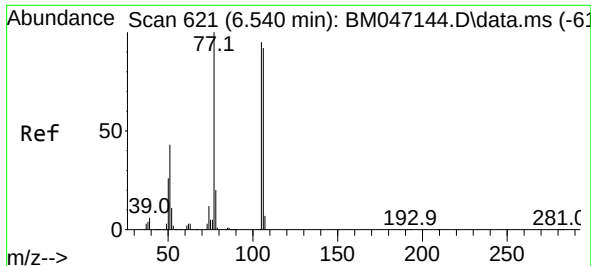


#8
2-Chlorophenol
Concen: 45.870 ng
RT: 6.934 min Scan# 688
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 128 Resp: 790810

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.1	52.1
64	43.1	26.6	66.6

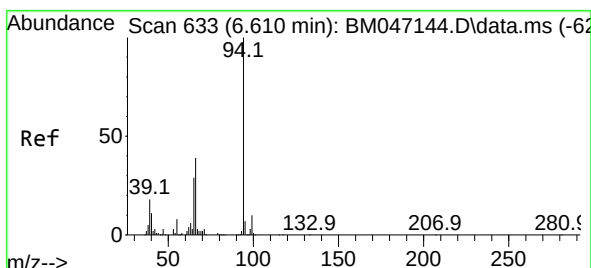
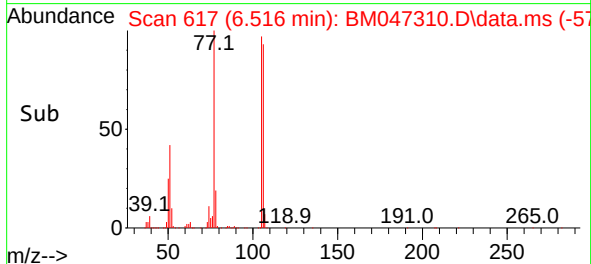
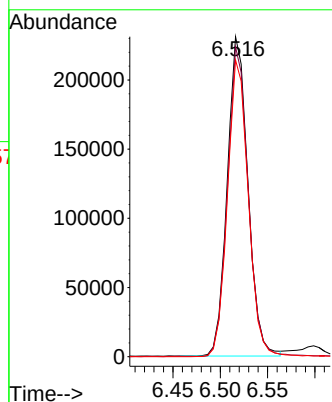
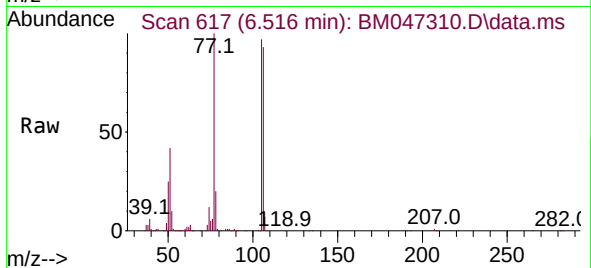




#9
Benzaldehyde
Concen: 27.105 ng
RT: 6.516 min Scan# 617
Delta R.T. -0.024 min
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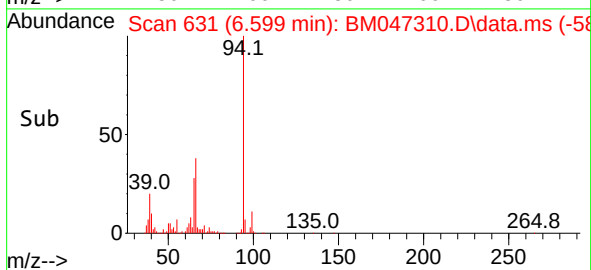
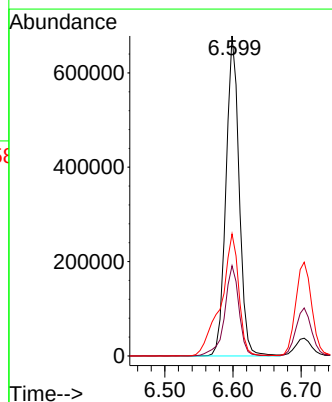
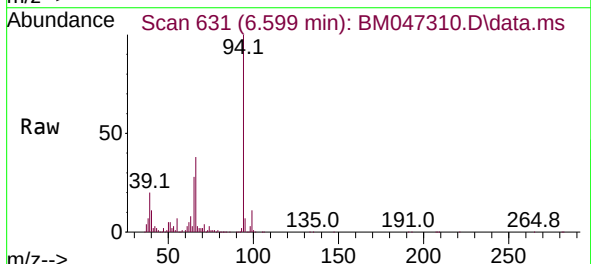
Instrument :
BNA_M
ClientSampleId :
PB162876BS

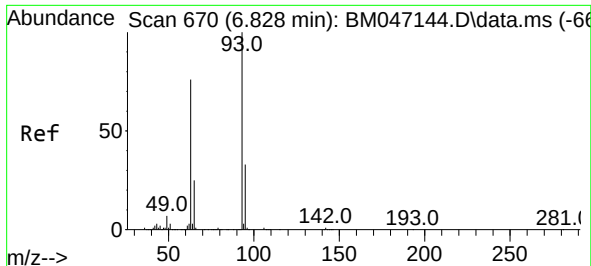
Tgt Ion: 77 Resp: 351325
Ion Ratio Lower Upper
77 100
105 96.8 74.5 114.5
106 92.7 72.3 112.3



#10
Phenol
Concen: 42.037 ng
RT: 6.599 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 94 Resp: 913609
Ion Ratio Lower Upper
94 100
65 28.2 9.0 49.0
66 38.2 18.9 58.9

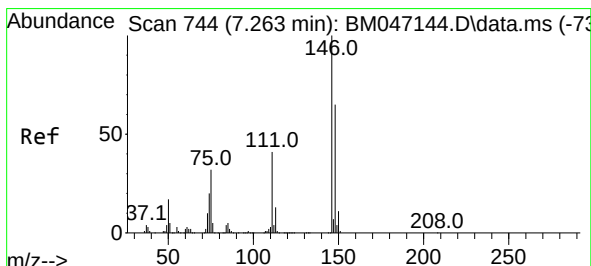
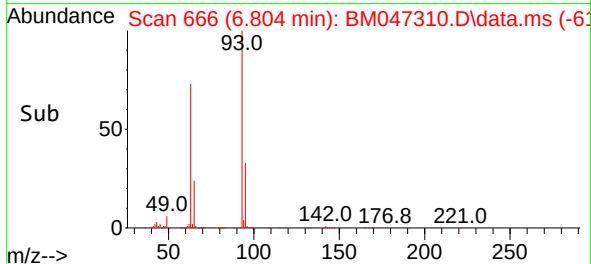
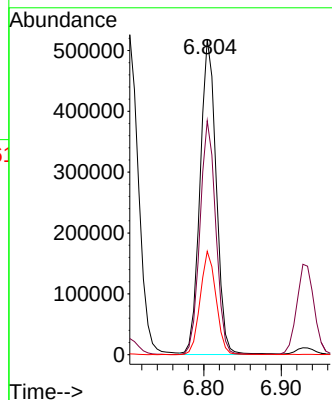
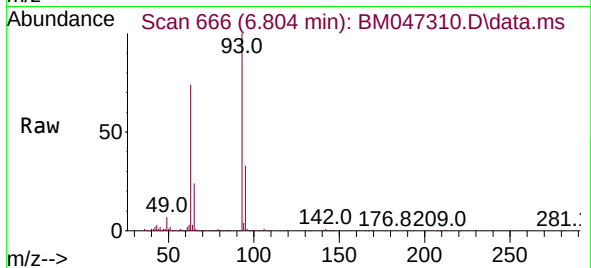




#11
bis(2-Chloroethyl)ether
Concen: 40.349 ng
RT: 6.804 min Scan# 610
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

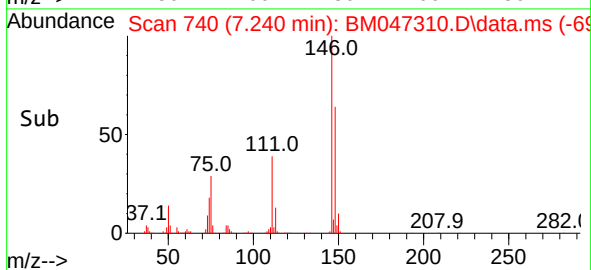
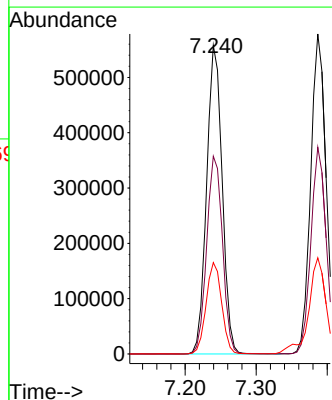
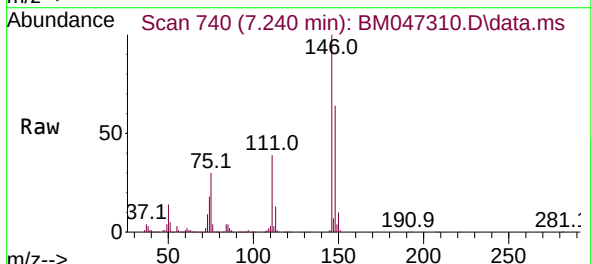
Instrument :
BNA_M
ClientSampleId :
PB162876BS

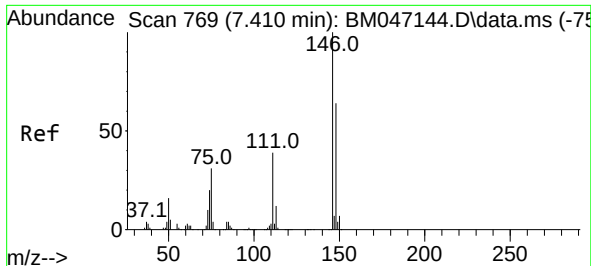
Tgt Ion: 93 Resp: 750963
Ion Ratio Lower Upper
93 100
63 74.2 55.8 95.8
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.477 ng
RT: 7.240 min Scan# 740
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 146 Resp: 849725
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
75 29.6 25.8 38.6

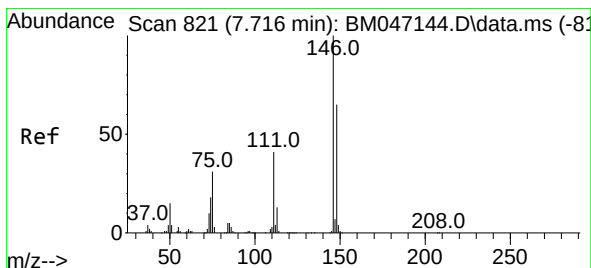
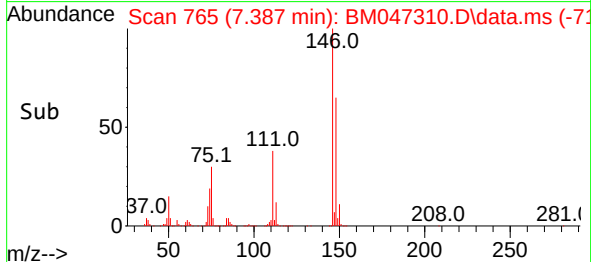
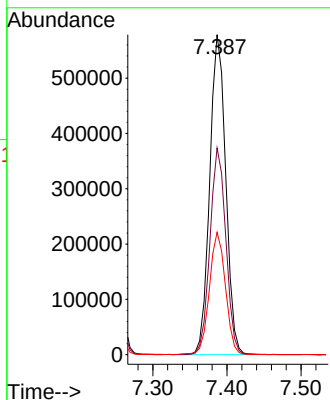
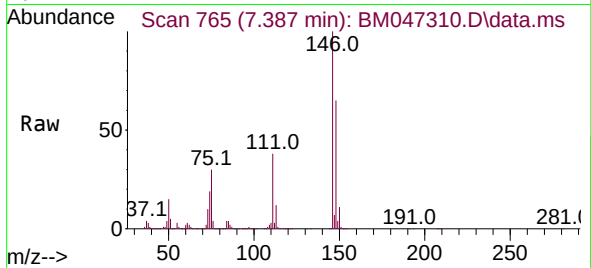




#13
1,4-Dichlorobenzene
Concen: 41.785 ng
RT: 7.387 min Scan# 70
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

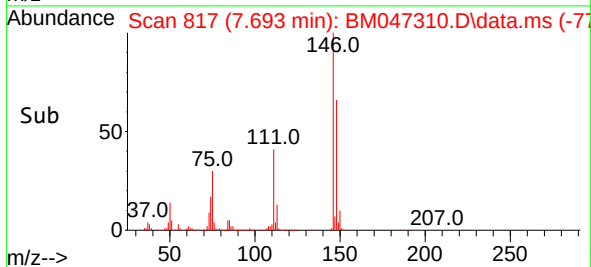
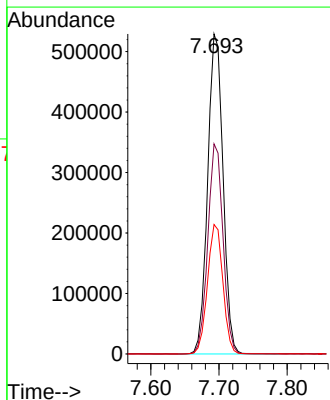
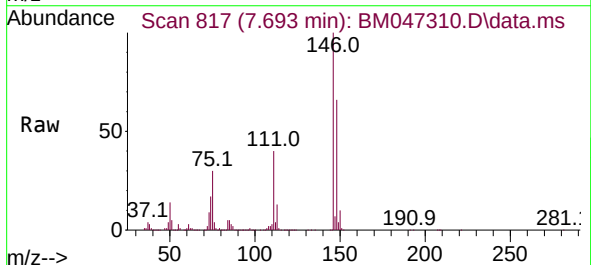
Instrument :
BNA_M
ClientSampleId :
PB162876BS

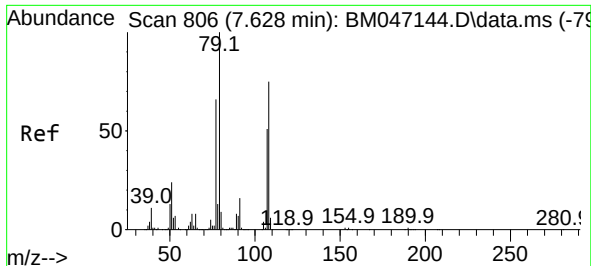
Tgt Ion:146 Resp: 866735
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 38.3 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 42.467 ng
RT: 7.693 min Scan# 817
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:146 Resp: 831143
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
111 40.5 33.3 49.9

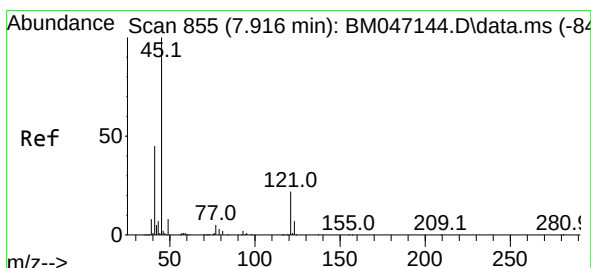
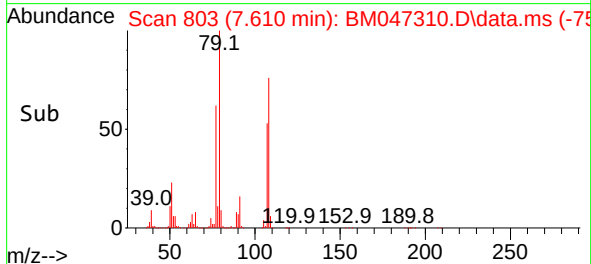
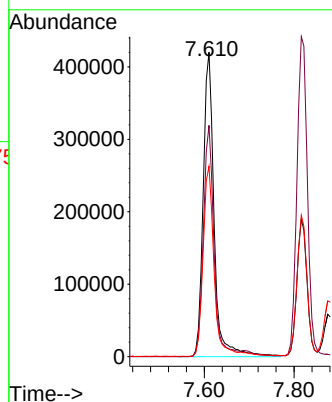
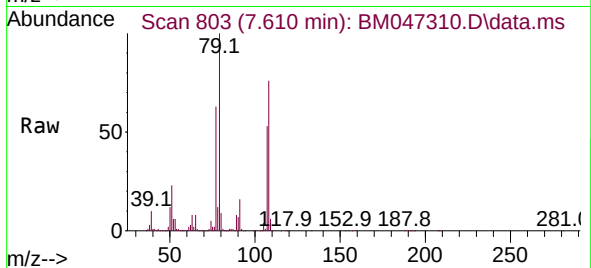




#15
Benzyl Alcohol
Concen: 45.820 ng
RT: 7.610 min Scan# 806
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

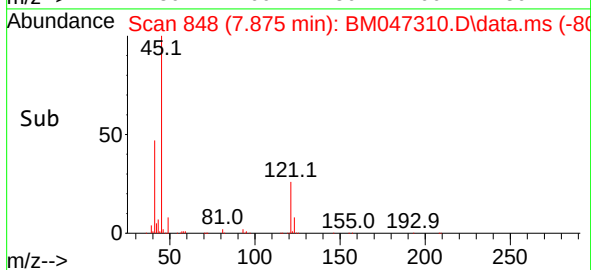
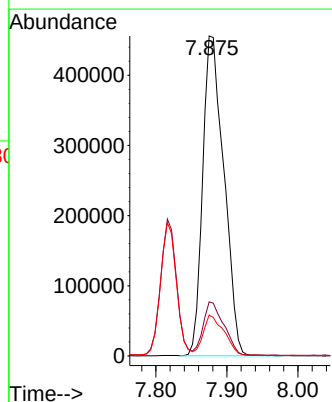
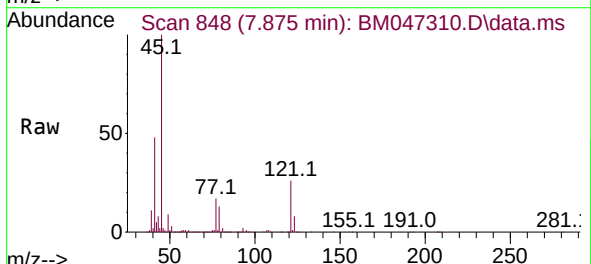
Instrument :
BNA_M
ClientSampleId :
PB162876BS

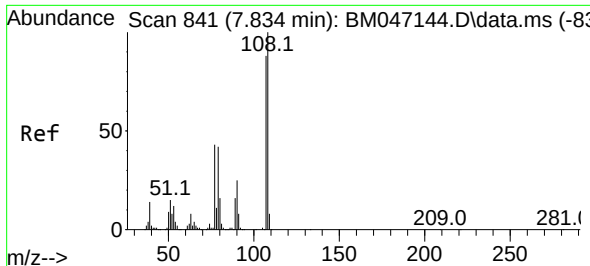
Tgt Ion: 79 Resp: 710268
Ion Ratio Lower Upper
79 100
108 76.0 59.7 89.5
77 62.5 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.669 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.041 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 45 Resp: 947398
Ion Ratio Lower Upper
45 100
77 16.9 0.0 35.6
79 12.8 0.0 32.4





#17

2-Methylphenol

Concen: 43.510 ng

RT: 7.816 min Scan# 81

Delta R.T. -0.018 min

Lab File: BM047310.D

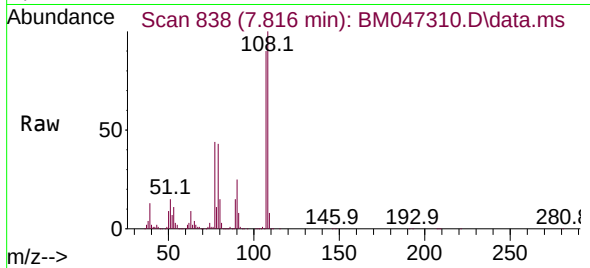
Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS



Tgt Ion:107 Resp: 630855

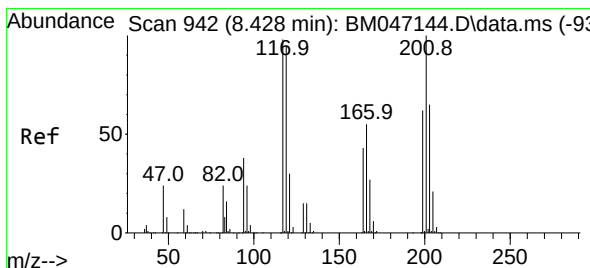
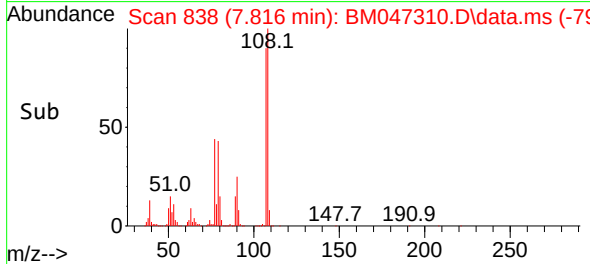
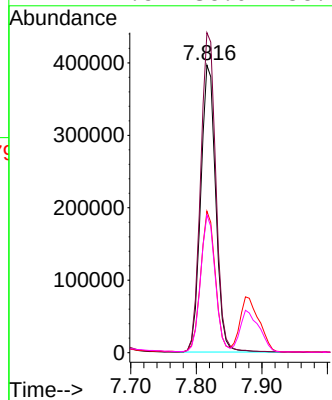
Ion Ratio Lower Upper

107 100

108 111.3 90.6 135.8

77 49.2 39.3 58.9

79 47.8 38.6 58.0



#18

Hexachloroethane

Concen: 40.624 ng

RT: 8.404 min Scan# 938

Delta R.T. -0.024 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

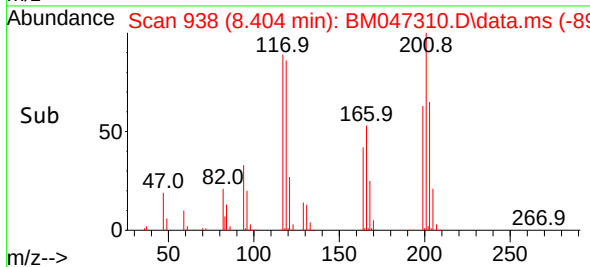
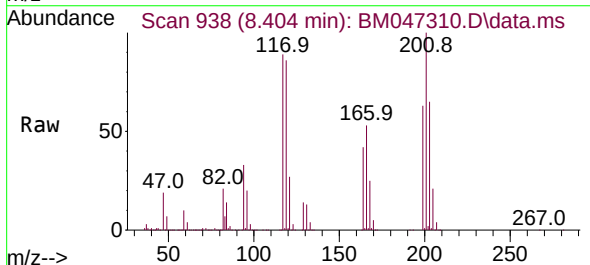
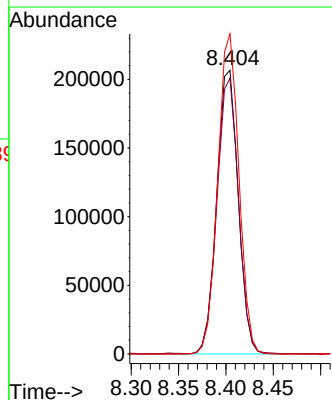
Tgt Ion:117 Resp: 326402

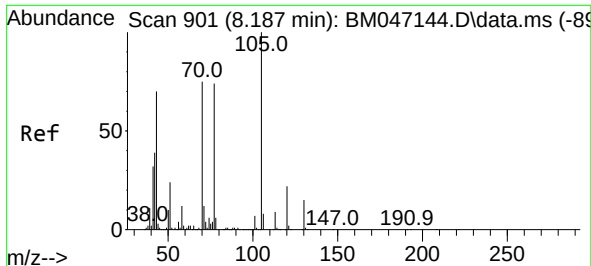
Ion Ratio Lower Upper

117 100

119 97.2 77.0 115.4

201 112.8 81.3 121.9



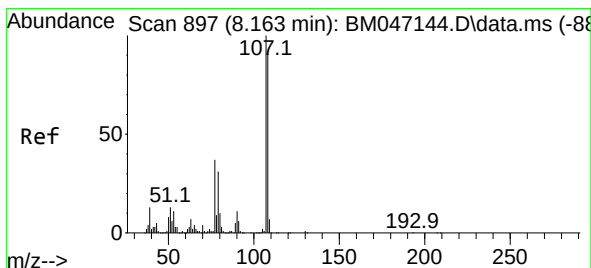
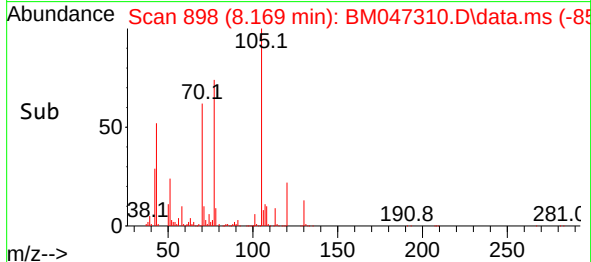
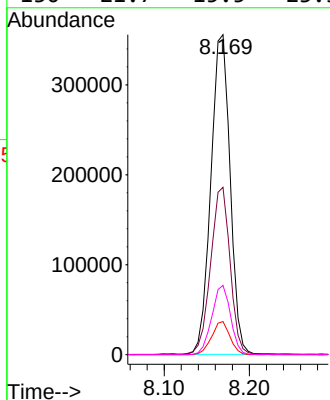
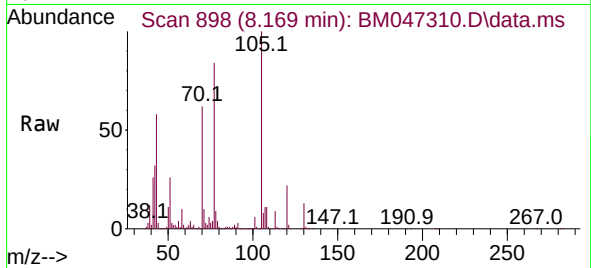


#19
n-Nitroso-di-n-propylamine
Concen: 38.045 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Instrument :
BNA_M
ClientSampleId :
PB162876BS

Tgt Ion: 70 Resp: 558160

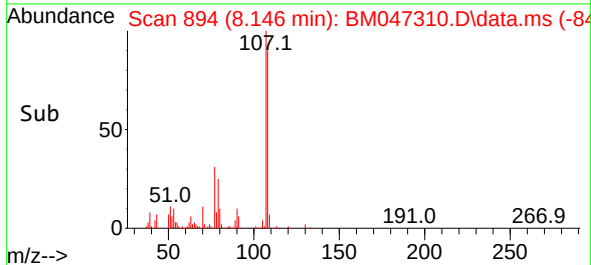
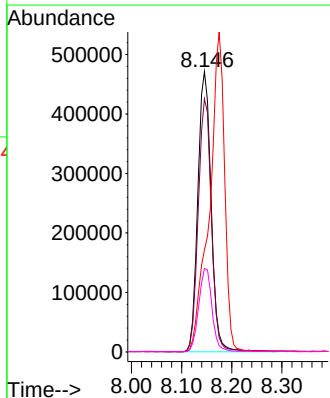
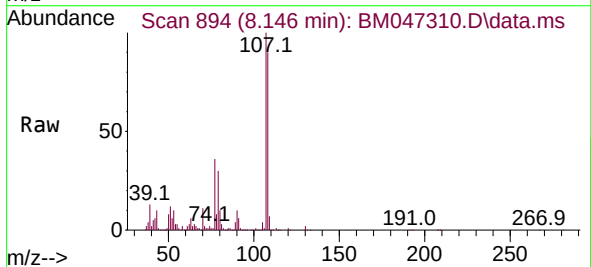
Ion	Ratio	Lower	Upper
70	100		
42	52.3	42.0	63.0
101	10.3	7.2	10.8
130	21.7	15.5	23.3

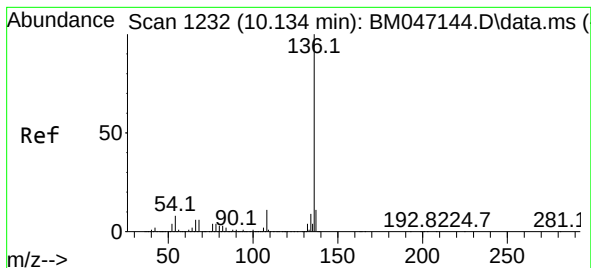


#20
3+4-Methylphenols
Concen: 42.707 ng
RT: 8.146 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 107 Resp: 865676

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.7	110.7
77	36.4	17.4	57.4
79	29.8	10.9	50.9

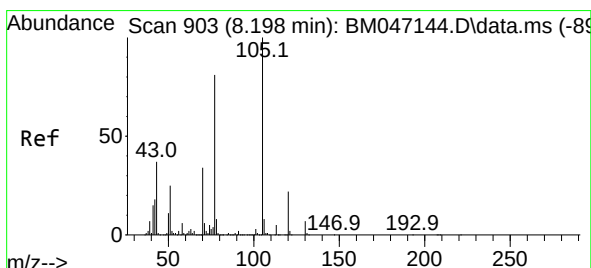
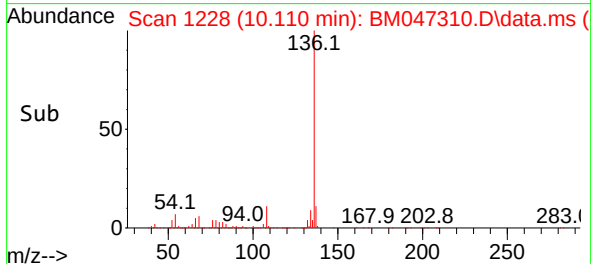
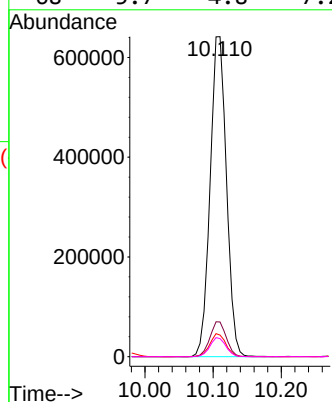
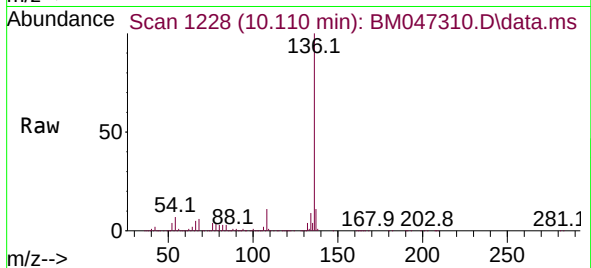




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

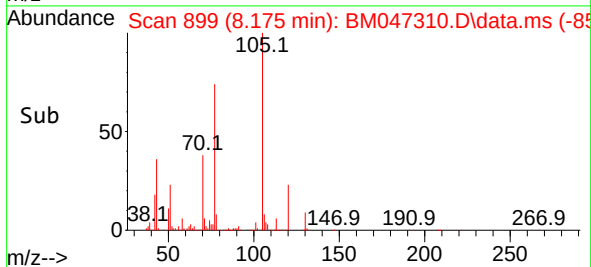
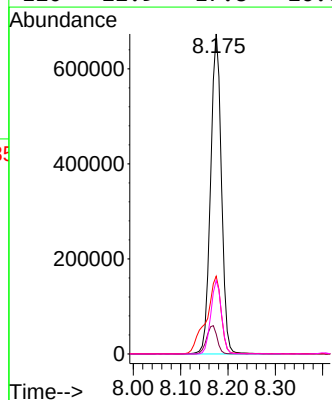
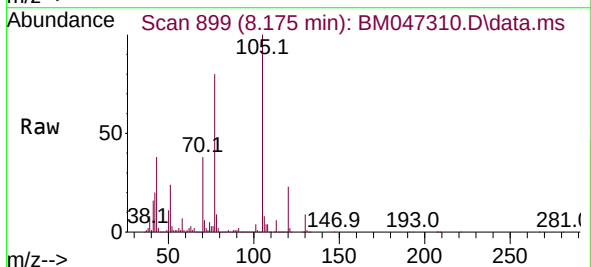
Instrument :
BNA_M
ClientSampleId :
PB162876BS

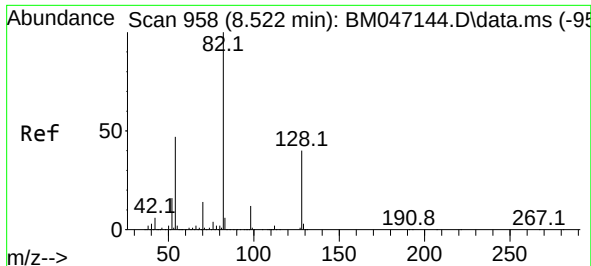
Tgt Ion:136 Resp: 1071183
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 6.0 9.0
68 5.7 4.8 7.2



#22
Acetophenone
Concen: 41.419 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:105 Resp: 1070950
Ion Ratio Lower Upper
105 100
71 6.3 4.5 6.7
51 24.3 20.1 30.1
120 22.9 17.8 26.6

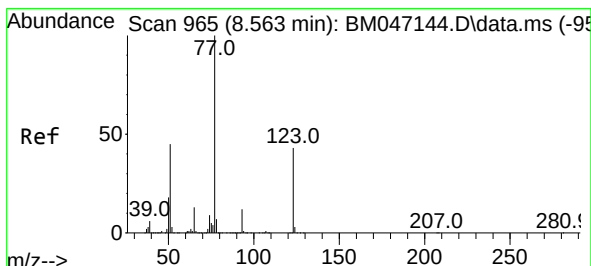
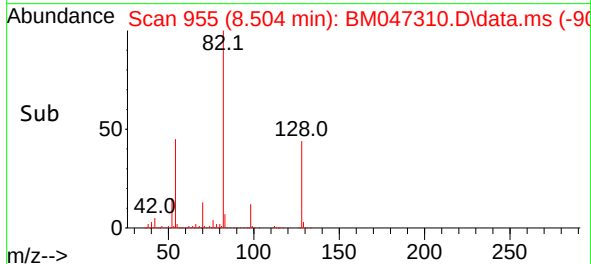
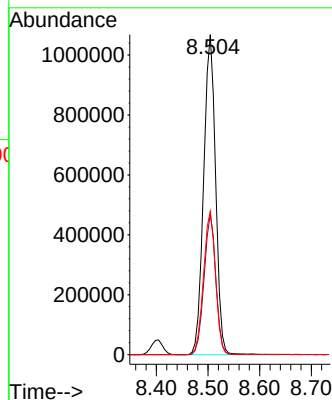
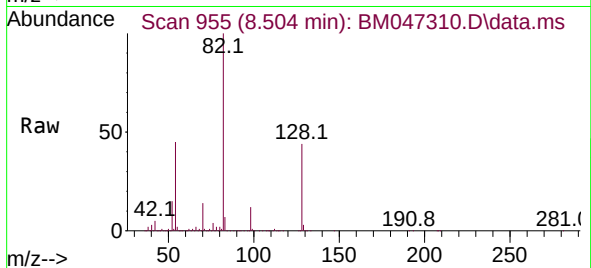




#23
Nitrobenzene-d5
Concen: 80.688 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

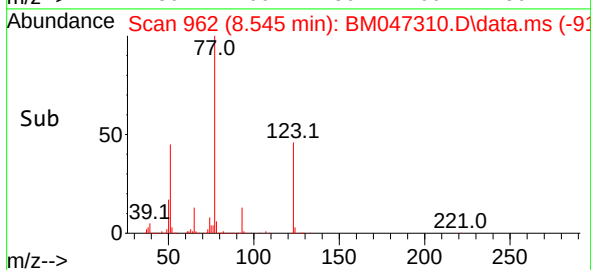
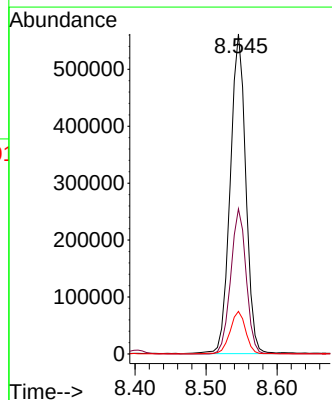
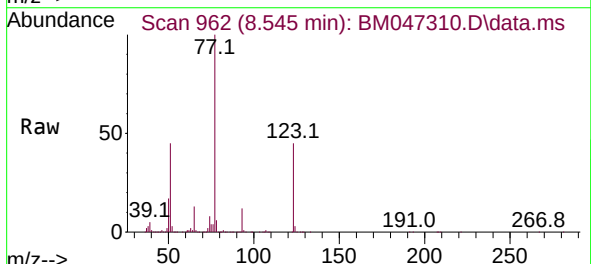
Instrument :
BNA_M
ClientSampleId :
PB162876BS

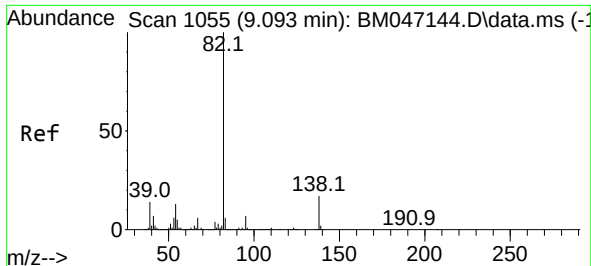
Tgt Ion: 82 Resp: 1716495
Ion Ratio Lower Upper
82 100
128 43.9 32.3 48.5
54 44.8 37.4 56.2



#24
Nitrobenzene
Concen: 39.924 ng
RT: 8.545 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 77 Resp: 855210
Ion Ratio Lower Upper
77 100
123 45.4 34.0 51.0
65 13.3 10.5 15.7

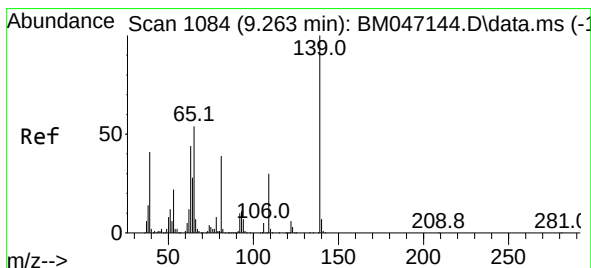
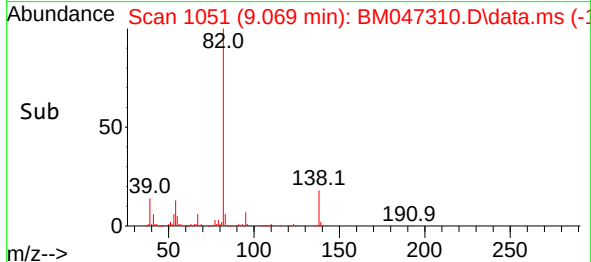
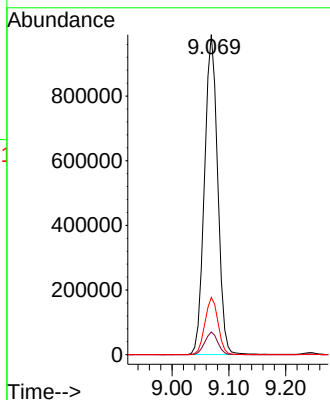
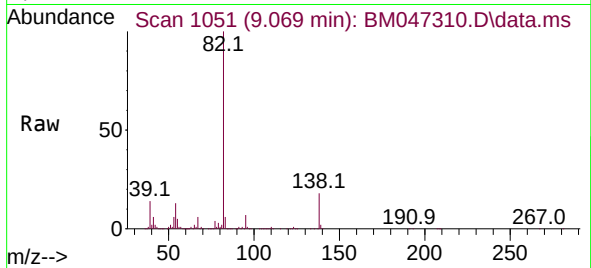




#25
Isophorone
Concen: 42.862 ng
RT: 9.069 min Scan# 1051
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

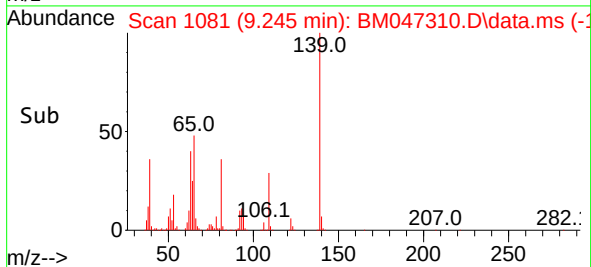
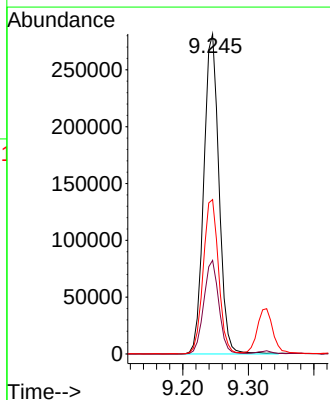
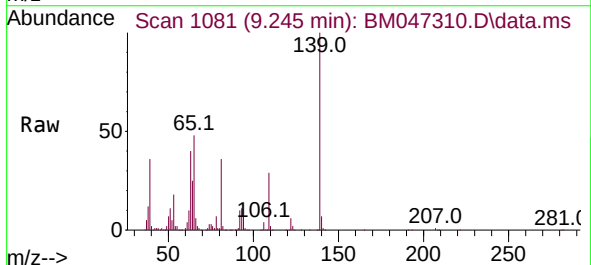
Instrument :
BNA_M
ClientSampleId :
PB162876BS

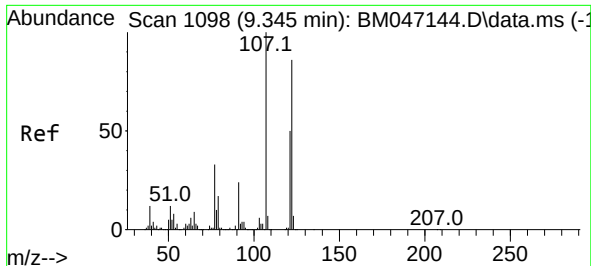
Tgt Ion: 82 Resp: 1587620
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.9 13.5 20.3



#26
2-Nitrophenol
Concen: 47.880 ng
RT: 9.245 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

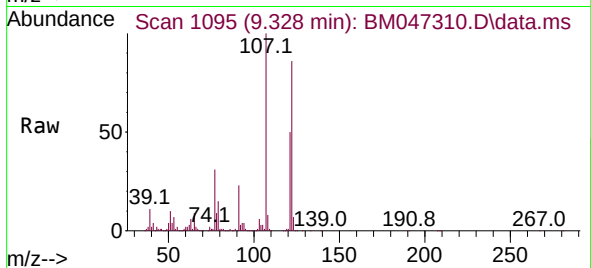
Tgt Ion:139 Resp: 454223
Ion Ratio Lower Upper
139 100
109 29.2 24.4 36.6
65 48.3 43.0 64.6



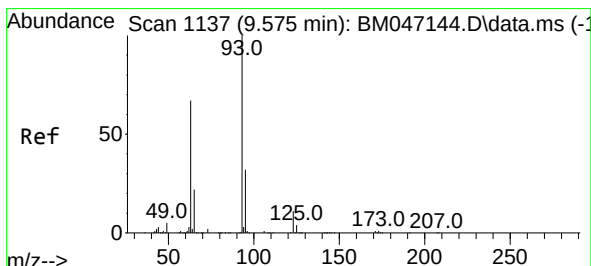
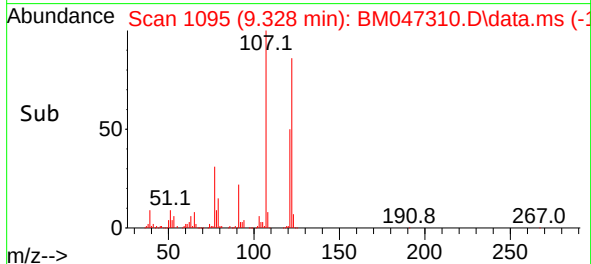
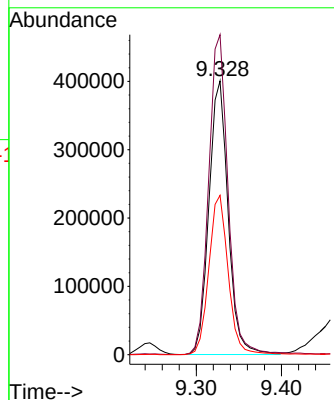


#27
2,4-Dimethylphenol
Concen: 56.555 ng
RT: 9.328 min Scan# 1095
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Instrument :
BNA_M
ClientSampleId :
PB162876BS

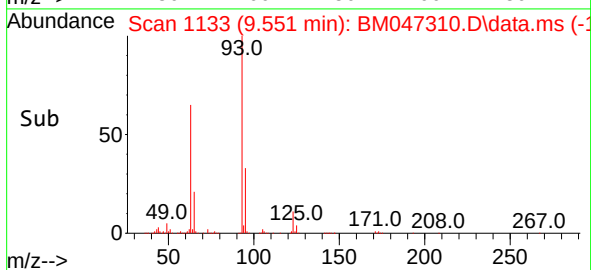
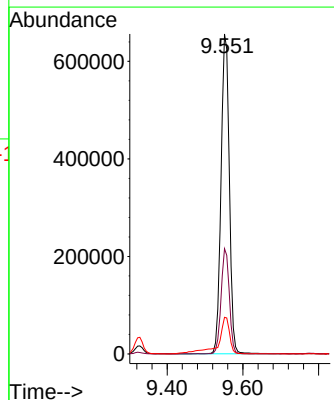
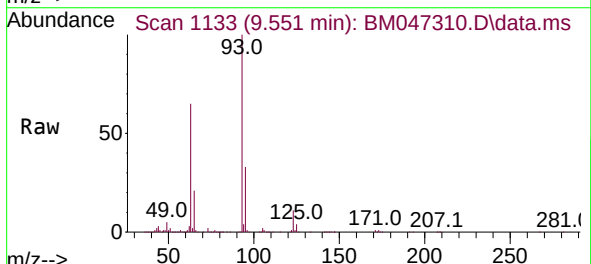


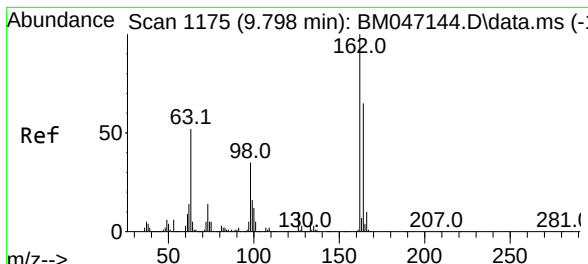
Tgt Ion:122 Resp: 628473
Ion Ratio Lower Upper
122 100
107 116.9 92.8 139.2
121 58.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.914 ng
RT: 9.551 min Scan# 1133
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 93 Resp: 1000195
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.4 9.0 13.4

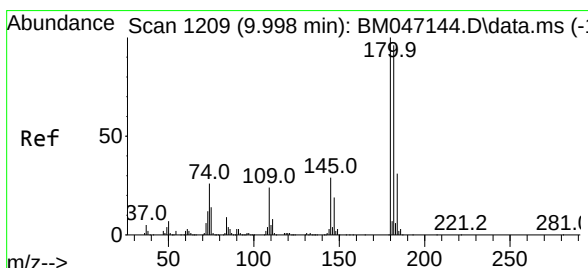
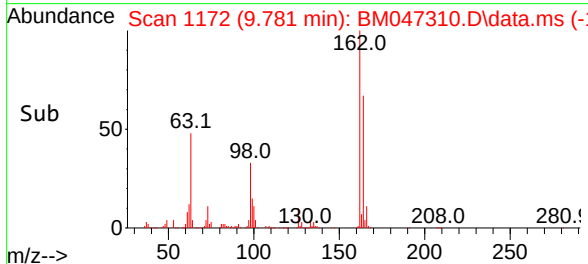
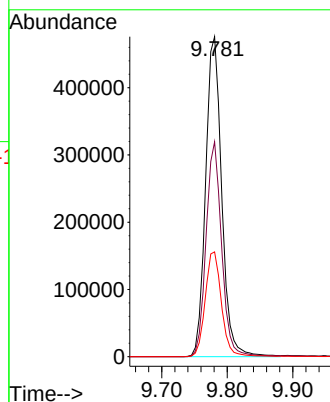
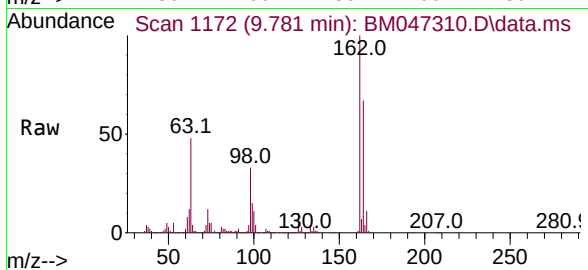




#29
 2,4-Dichlorophenol
 Concen: 49.384 ng
 RT: 9.781 min Scan# 1175
 Delta R.T. -0.018 min
 Lab File: BM047310.D
 Acq: 22 Aug 2024 10:33

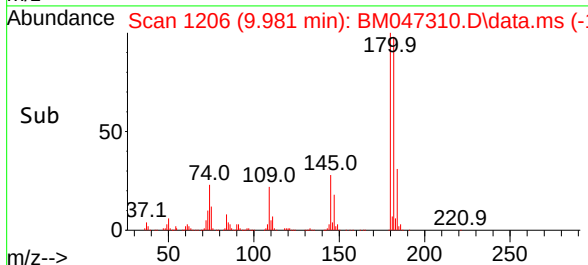
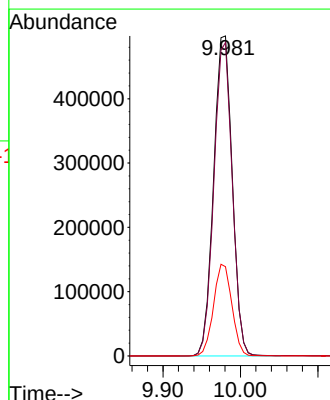
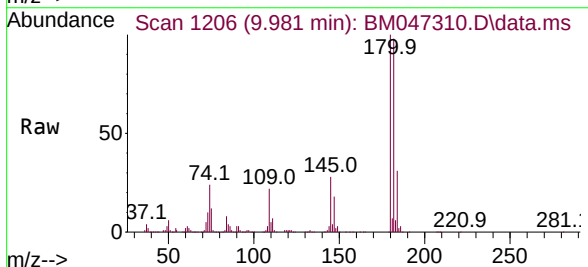
Instrument :
 BNA_M
 ClientSampleId :
 PB162876BS

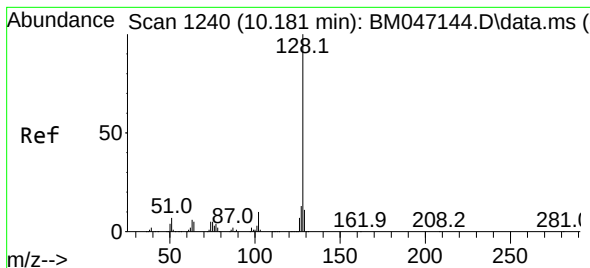
Tgt Ion:162 Resp: 814262
 Ion Ratio Lower Upper
 162 100
 164 67.2 44.7 84.7
 98 32.8 14.9 54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 44.683 ng
 RT: 9.981 min Scan# 1206
 Delta R.T. -0.018 min
 Lab File: BM047310.D
 Acq: 22 Aug 2024 10:33

Tgt Ion:180 Resp: 833761
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.6 115.0
 145 27.9 23.4 35.2

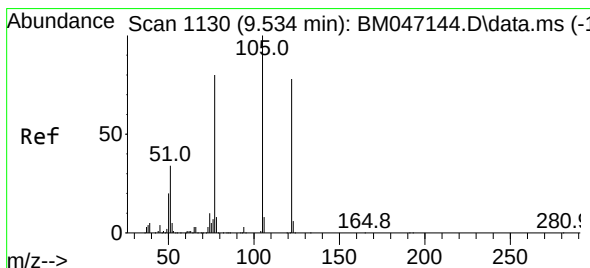
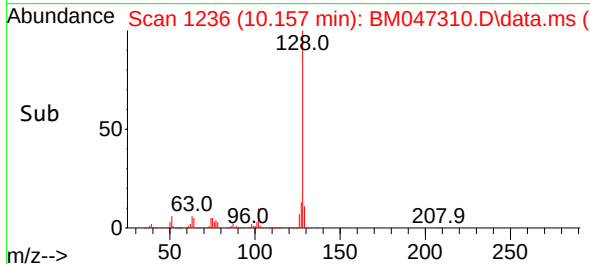
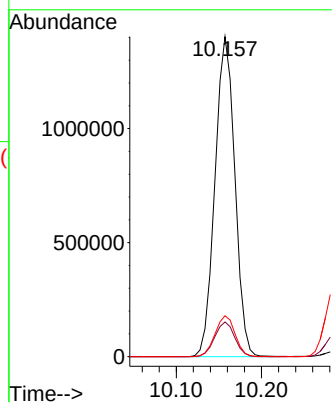
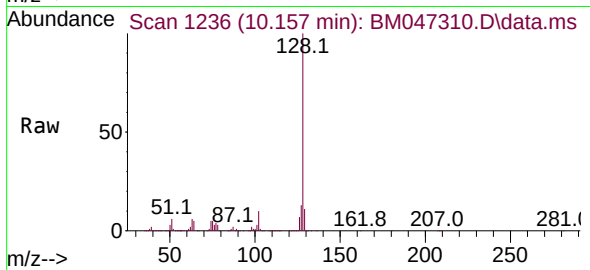




#31
Naphthalene
Concen: 42.590 ng
RT: 10.157 min Scan# 1128
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

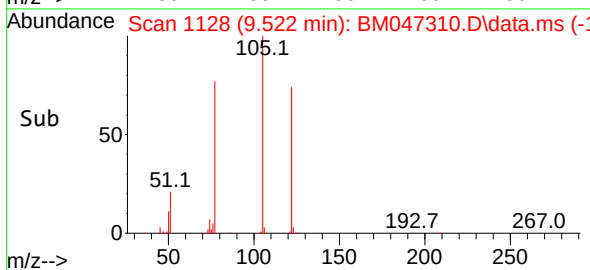
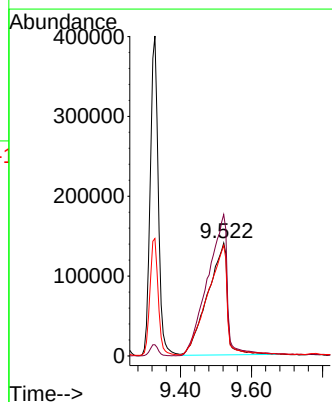
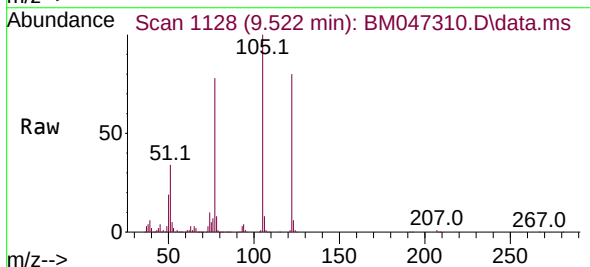
Instrument :
BNA_M
ClientSampleId :
PB162876BS

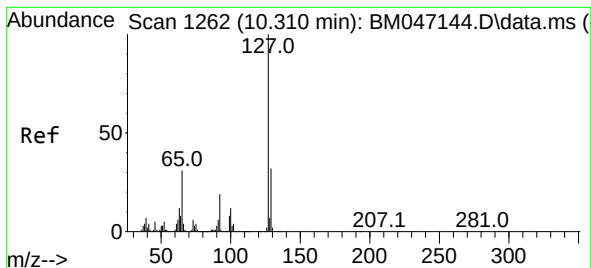
Tgt Ion:128 Resp: 2272697
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 42.204 ng
RT: 9.522 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:122 Resp: 544885
Ion Ratio Lower Upper
122 100
105 125.1 107.1 147.1
77 98.1 82.1 122.1



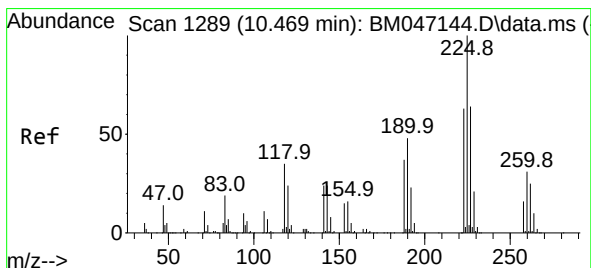
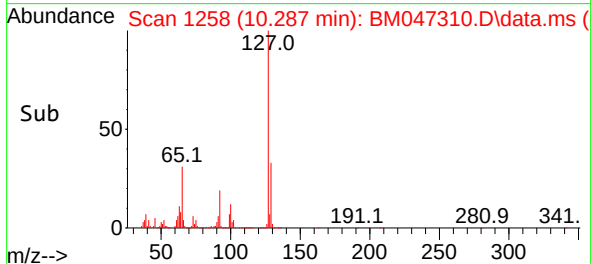
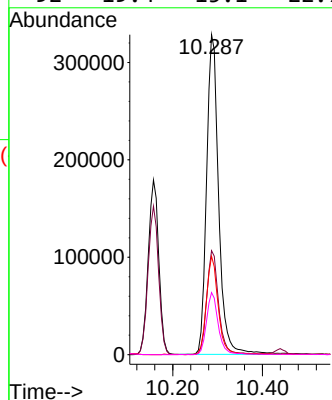
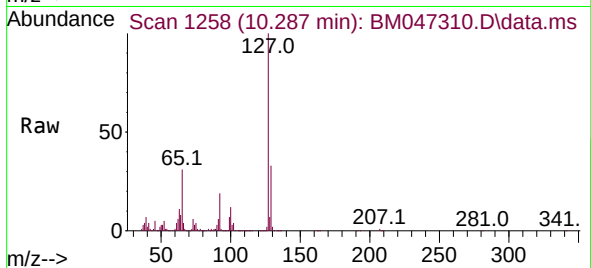


#33
4-Chloroaniline
Concen: 29.892 ng
RT: 10.287 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Instrument :
BNA_M
ClientSampleId :
PB162876BS

Tgt Ion:127 Resp: 613408

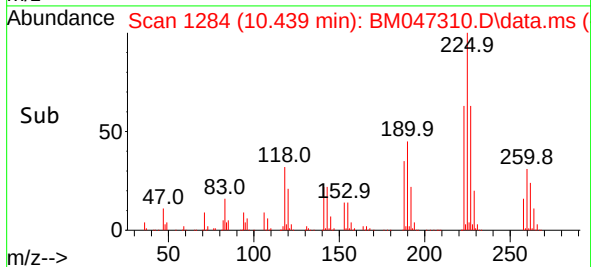
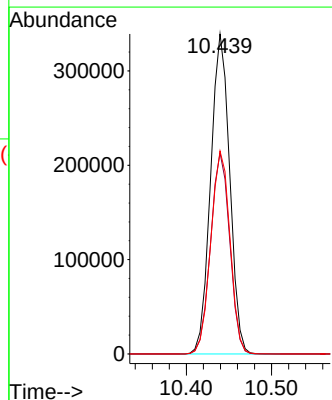
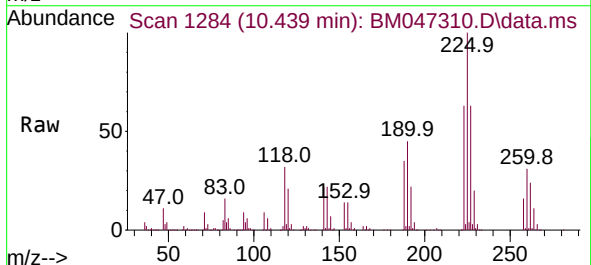
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	30.8	24.9	37.3
92	19.4	15.1	22.7

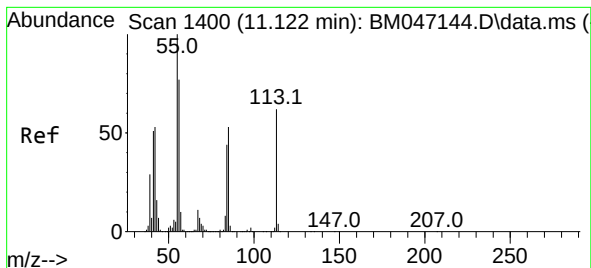


#34
Hexachlorobutadiene
Concen: 48.174 ng
RT: 10.439 min Scan# 1284
Delta R.T. -0.029 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:225 Resp: 526142

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	63.4	51.4	77.0

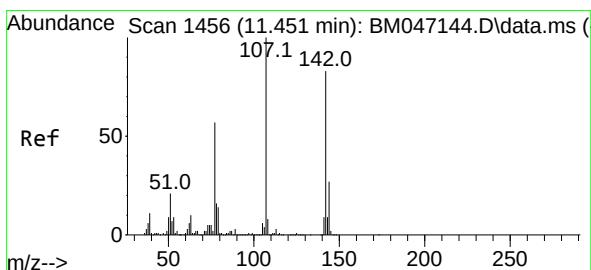
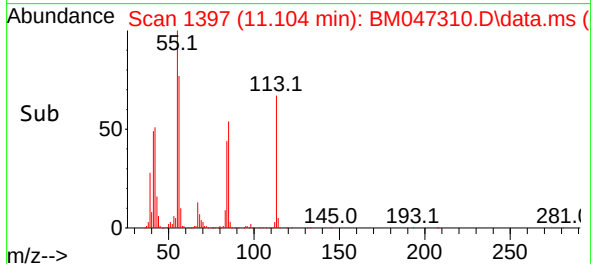
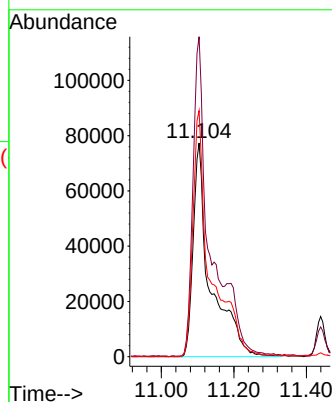
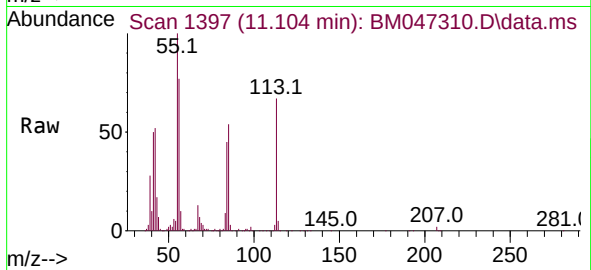




#35
Caprolactam
Concen: 44.553 ng
RT: 11.104 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

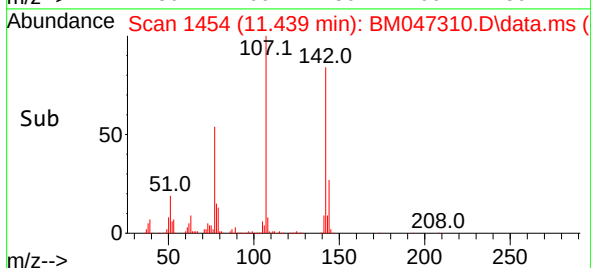
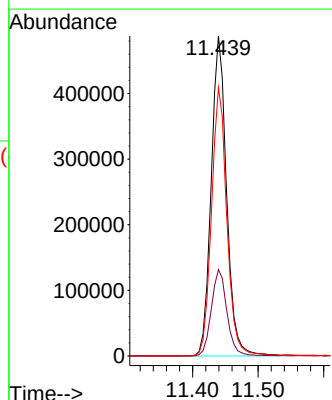
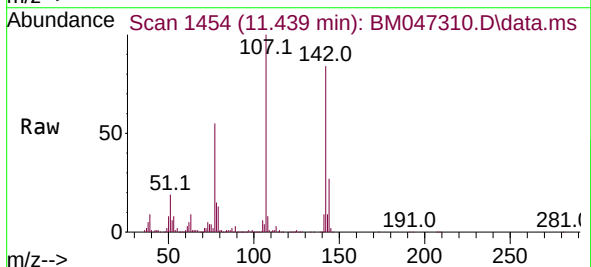
Instrument :
BNA_M
ClientSampleId :
PB162876BS

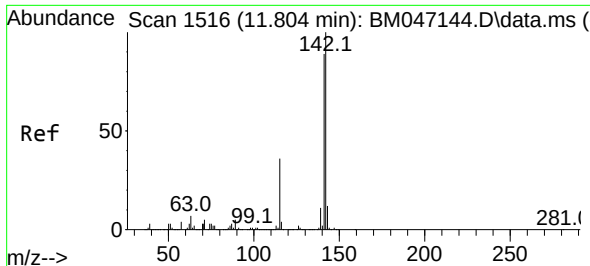
Tgt Ion:113 Resp: 255114
Ion Ratio Lower Upper
113 100
55 149.7 140.5 180.5
56 115.1 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 45.309 ng
RT: 11.439 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:107 Resp: 795626
Ion Ratio Lower Upper
107 100
144 27.0 21.8 32.6
142 83.9 66.8 100.2

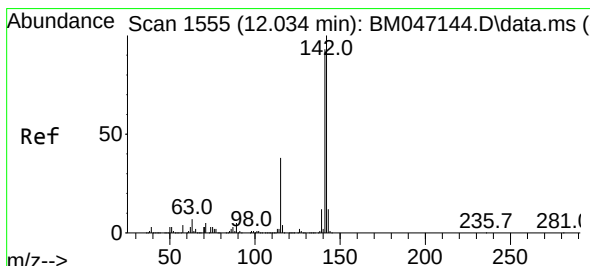
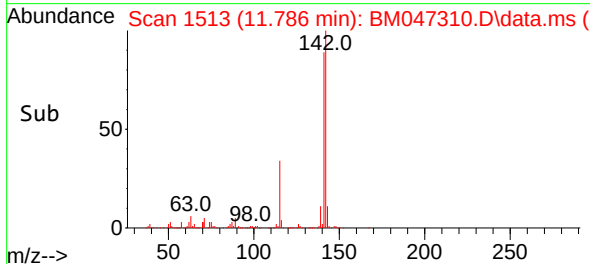
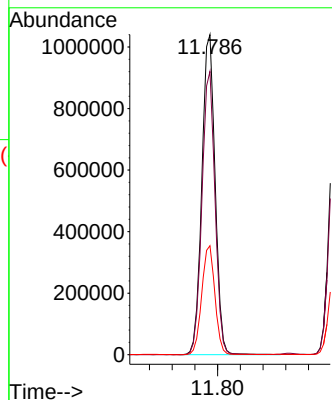
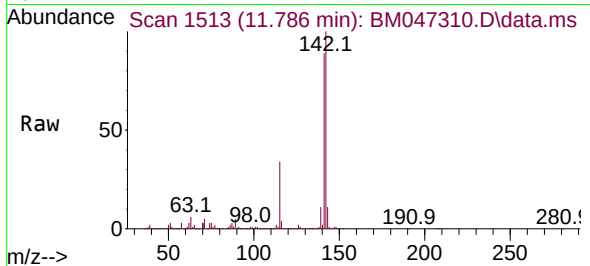




#37
2-Methylnaphthalene
Concen: 44.172 ng
RT: 11.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

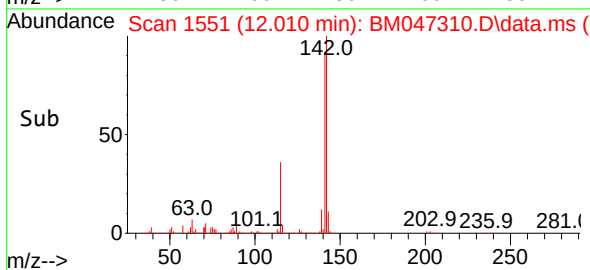
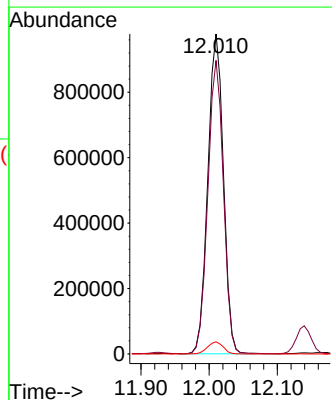
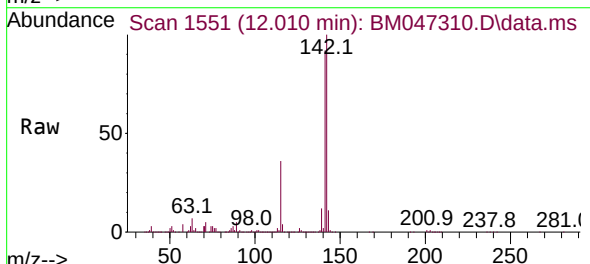
Instrument :
BNA_M
ClientSampleId :
PB162876BS

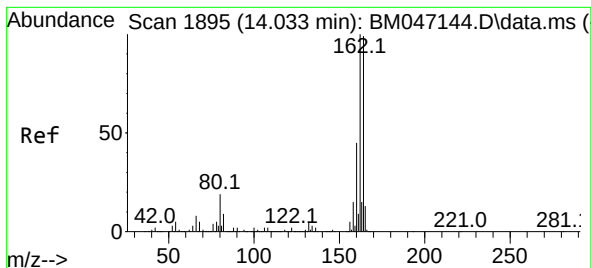
Tgt Ion:142 Resp: 1678265
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3
115 34.1 28.7 43.1



#38
1-Methylnaphthalene
Concen: 41.444 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:142 Resp: 1556236
Ion Ratio Lower Upper
142 100
141 91.7 74.6 111.8
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

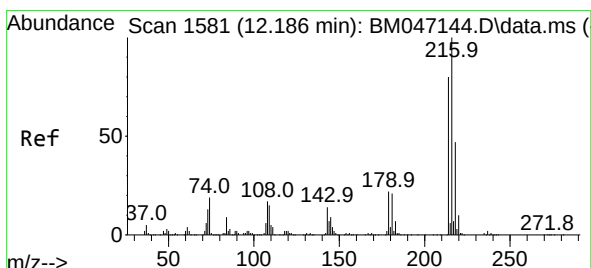
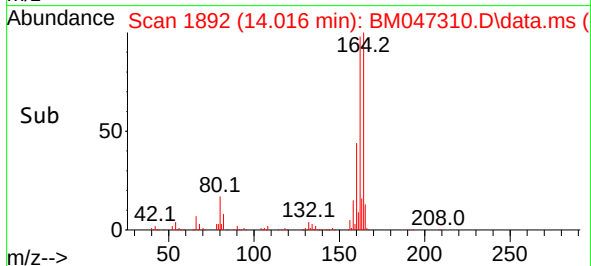
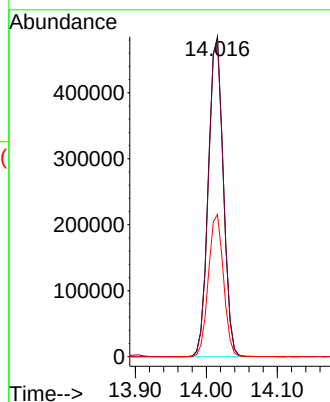
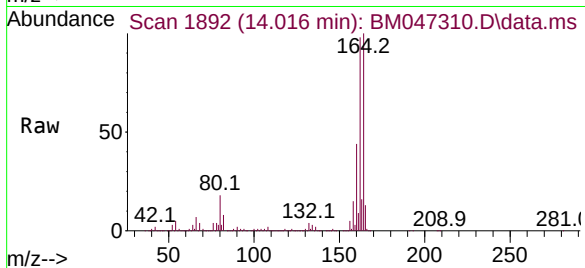
Tgt Ion:164 Resp: 710049

Ion Ratio Lower Upper

164 100

162 98.4 80.7 121.1

160 44.5 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.392 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Tgt Ion:216 Resp: 917837

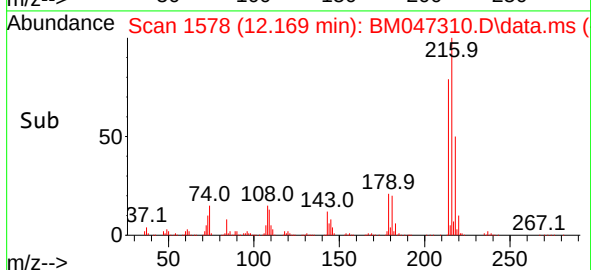
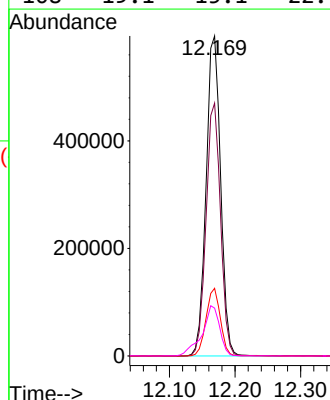
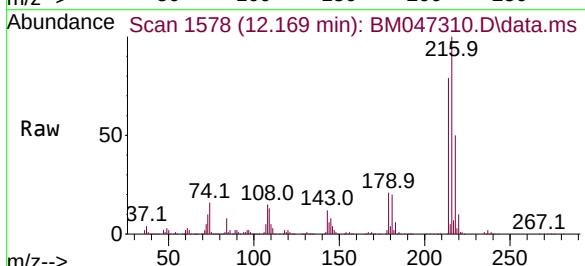
Ion Ratio Lower Upper

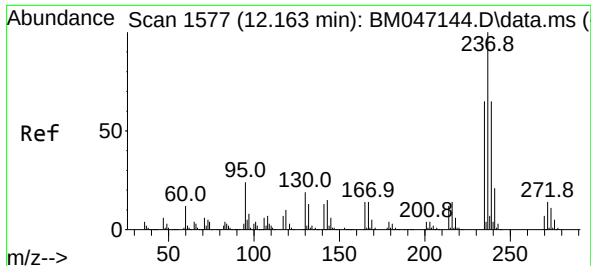
216 100

214 78.6 63.4 95.2

179 20.8 17.6 26.4

108 19.1 15.1 22.7

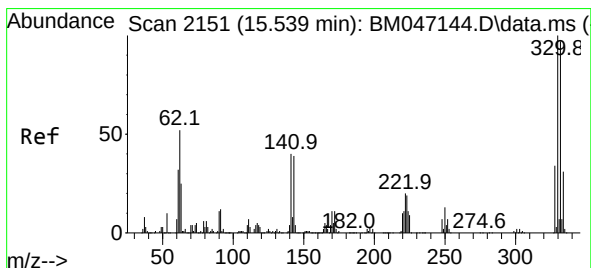
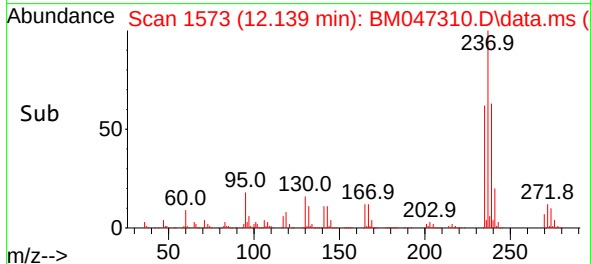
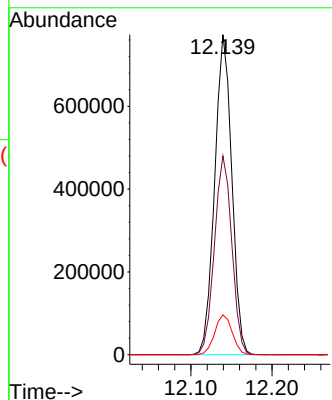
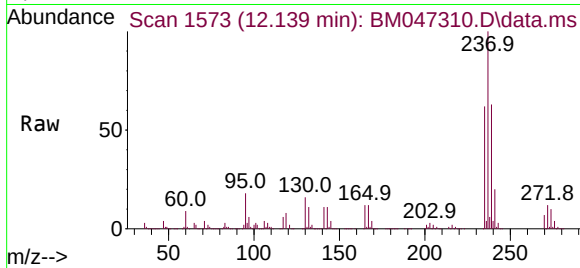




#41
Hexachlorocyclopentadiene
Concen: 167.517 ng
RT: 12.139 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

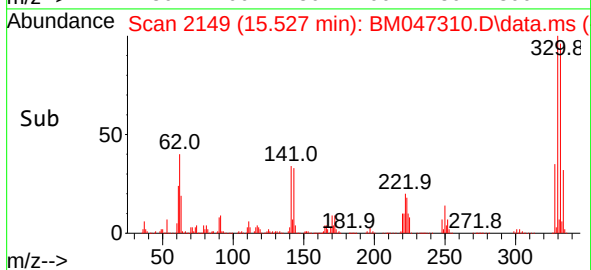
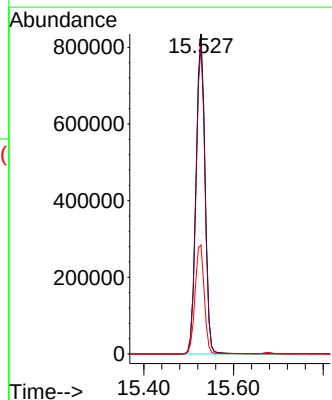
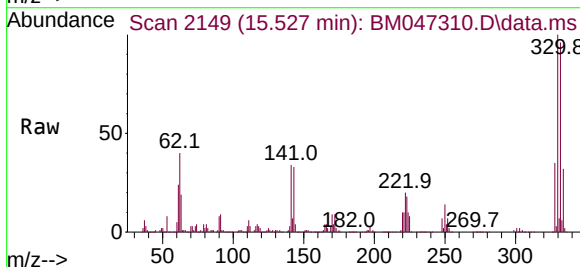
Instrument :
BNA_M
ClientSampleId :
PB162876BS

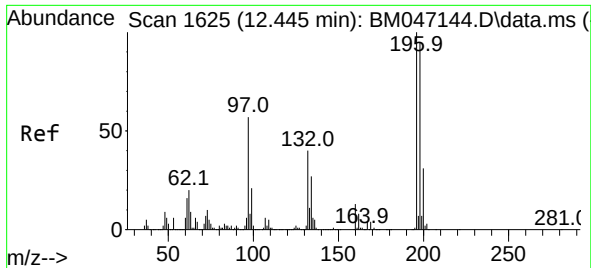
Tgt Ion:237 Resp: 1132865
Ion Ratio Lower Upper
237 100
235 62.1 44.8 84.8
272 12.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 141.553 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:330 Resp: 1165422
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 34.8 31.6 47.4

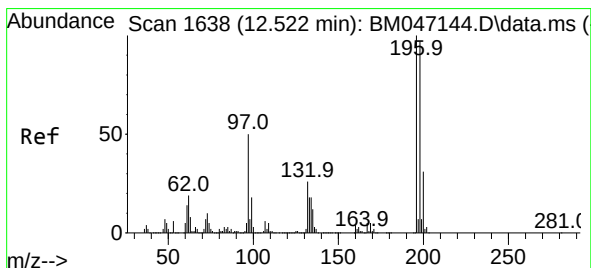
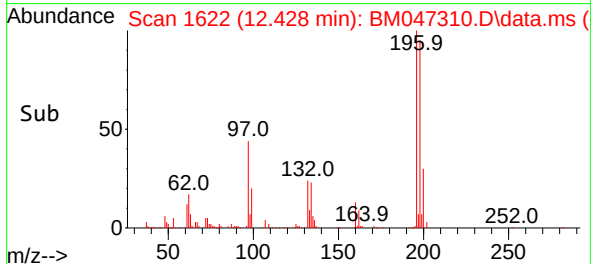
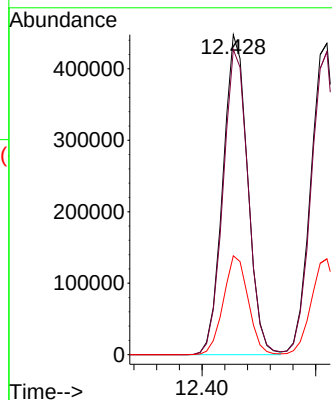
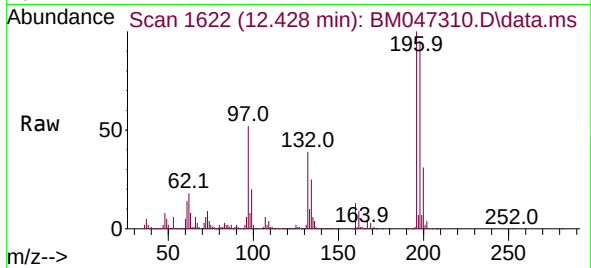




#43
2,4,6-Trichlorophenol
Concen: 49.286 ng
RT: 12.428 min Scan# 1622
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

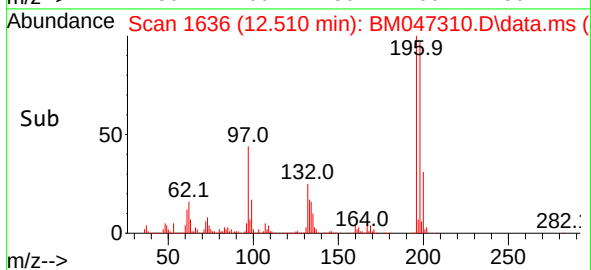
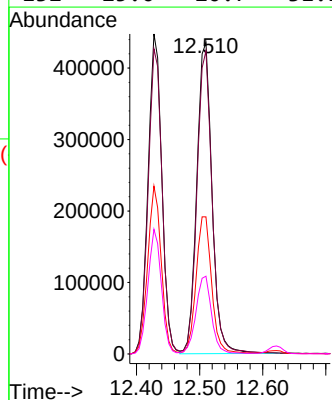
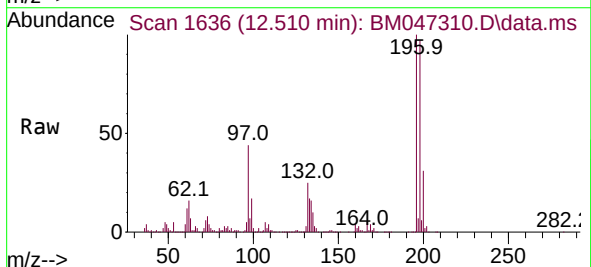
Instrument :
BNA_M
ClientSampleId :
PB162876BS

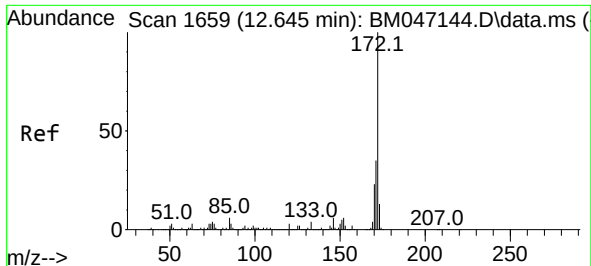
Tgt Ion:196 Resp: 678441
Ion Ratio Lower Upper
196 100
198 95.3 75.6 113.4
200 30.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 47.824 ng
RT: 12.510 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:196 Resp: 730936
Ion Ratio Lower Upper
196 100
198 97.3 77.7 116.5
97 44.1 39.8 59.8
132 25.0 20.7 31.1

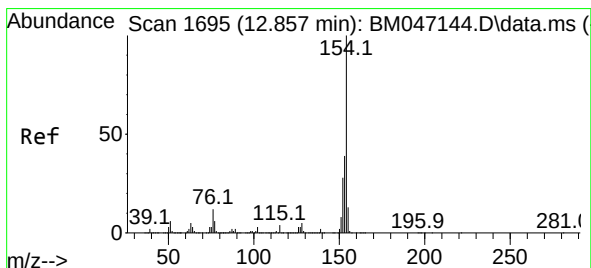
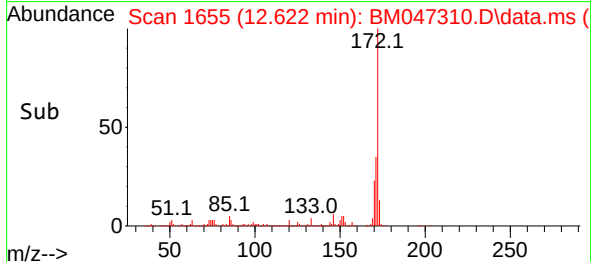
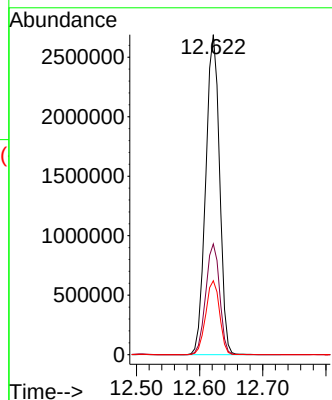
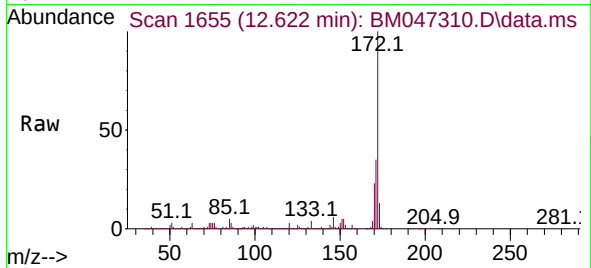




#45
2-Fluorobiphenyl
Concen: 88.773 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

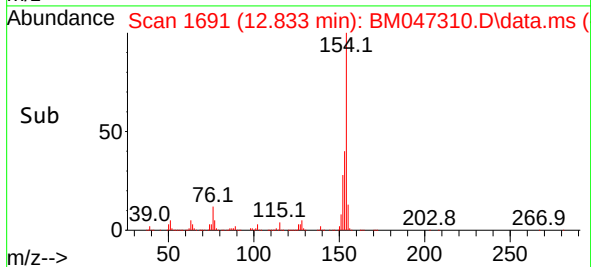
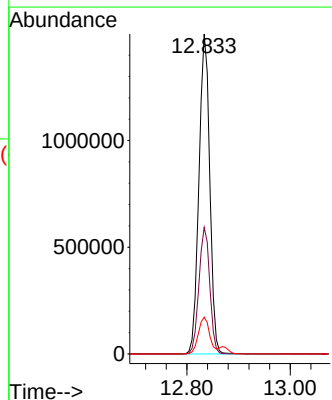
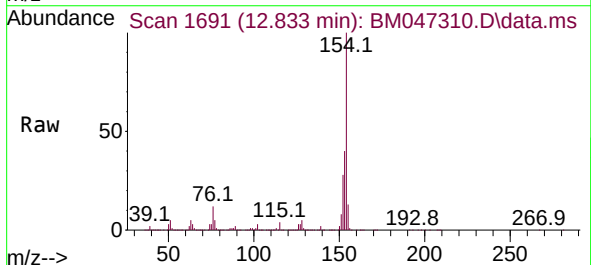
Instrument :
BNA_M
ClientSampleId :
PB162876BS

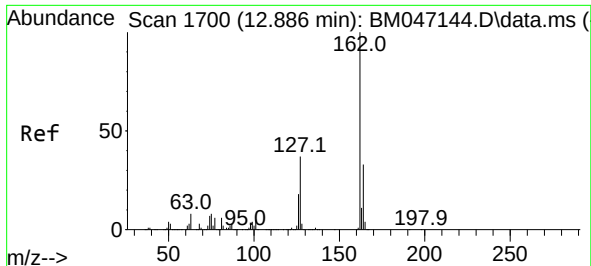
Tgt Ion:172 Resp: 4086347
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.925 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:154 Resp: 2169847
Ion Ratio Lower Upper
154 100
153 39.6 19.0 59.0
76 11.5 0.0 31.9

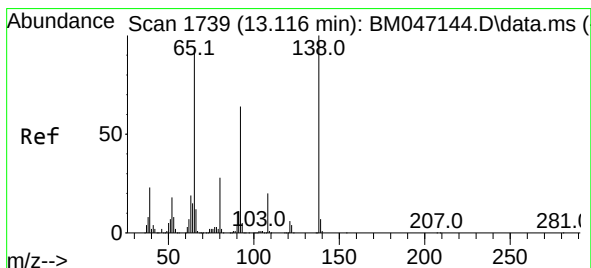
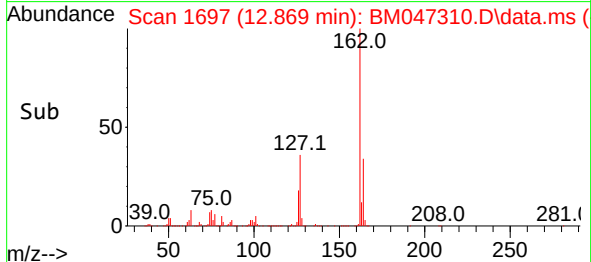
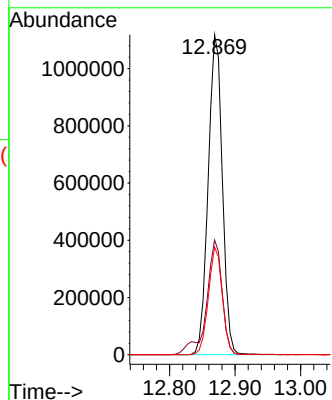
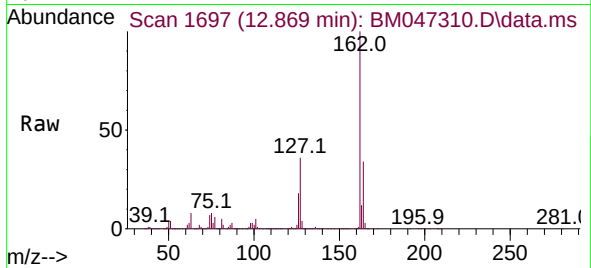




#47
2-Chloronaphthalene
Concen: 42.568 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

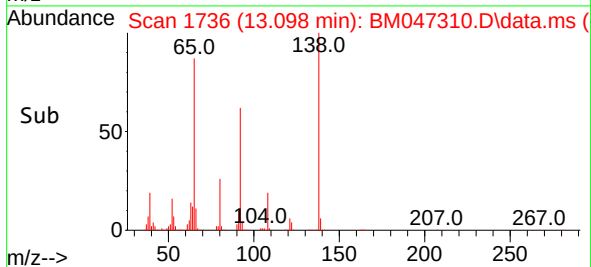
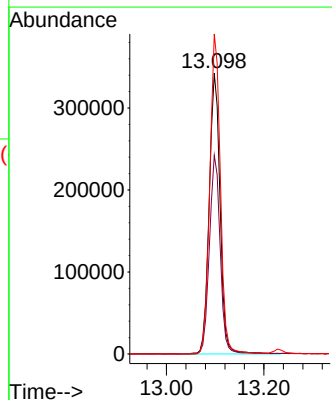
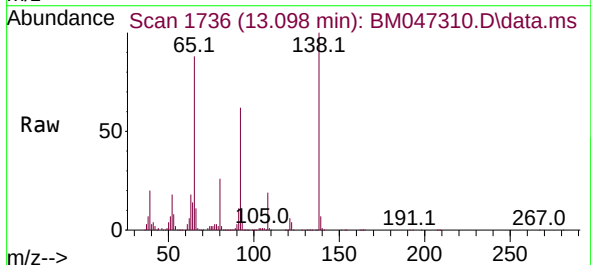
Instrument :
BNA_M
ClientSampleId :
PB162876BS

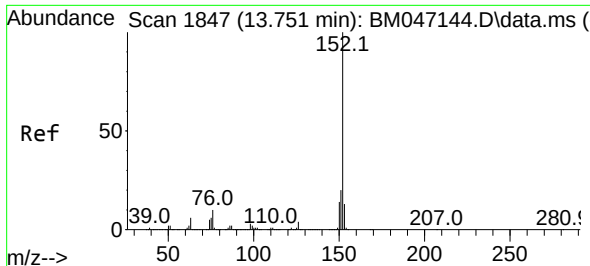
Tgt Ion:162 Resp: 1681833
Ion Ratio Lower Upper
162 100
127 35.9 30.0 45.0
164 33.6 26.3 39.5



#48
2-Nitroaniline
Concen: 42.831 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion: 65 Resp: 530150
Ion Ratio Lower Upper
65 100
92 70.8 55.1 82.7
138 113.9 85.9 128.9

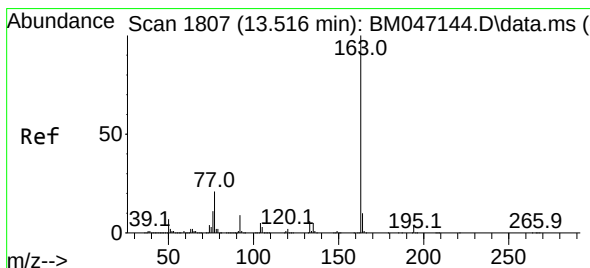
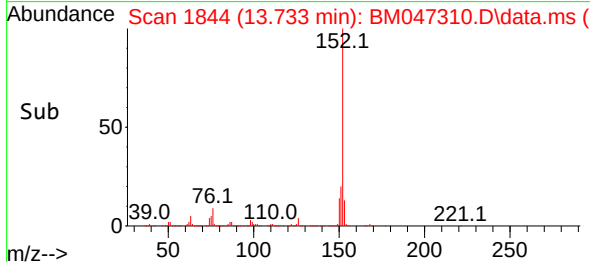
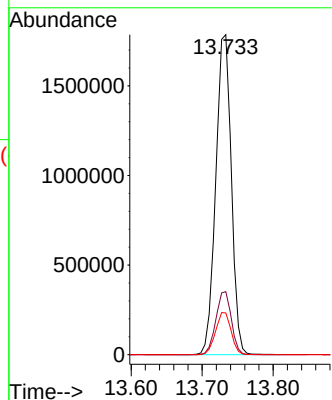
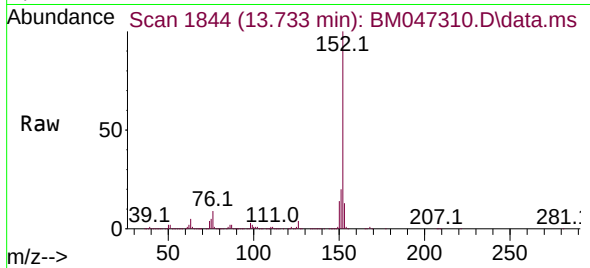




#49
Acenaphthylene
Concen: 46.437 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

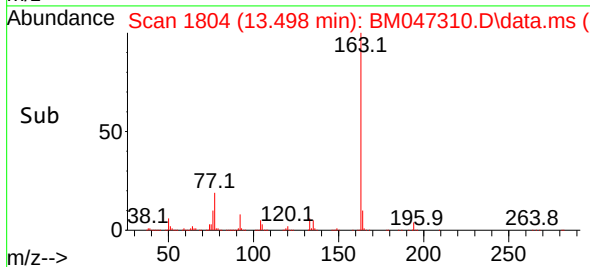
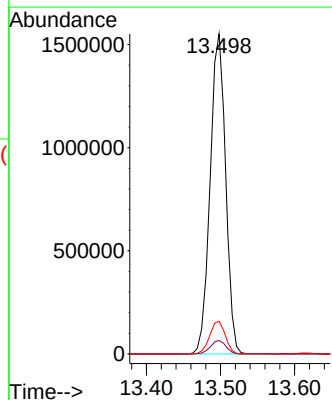
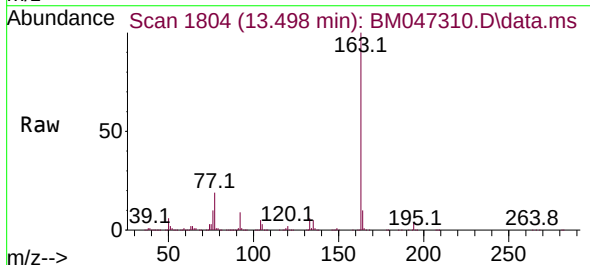
Instrument :
BNA_M
ClientSampleId :
PB162876BS

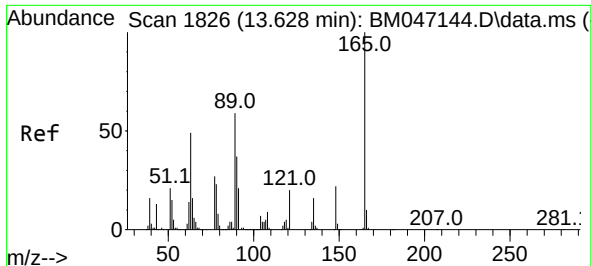
Tgt Ion:152 Resp: 2704398
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 45.411 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:163 Resp: 2251972
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.2 8.0 12.0

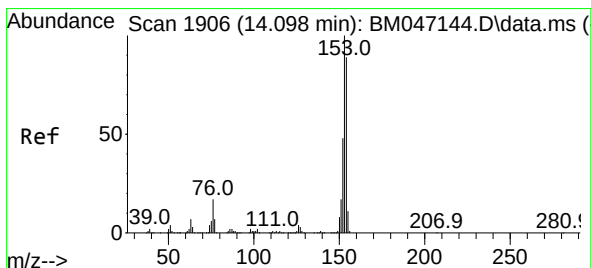
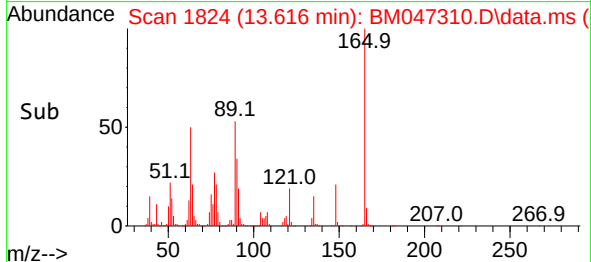
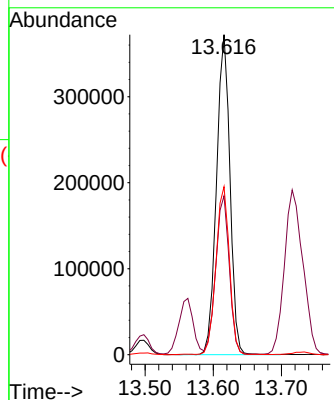
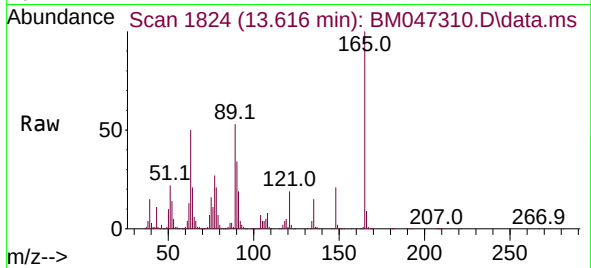




#51
2,6-Dinitrotoluene
Concen: 44.019 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

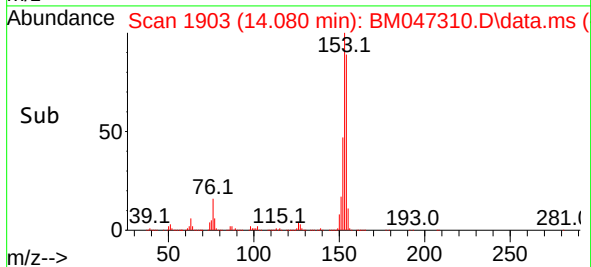
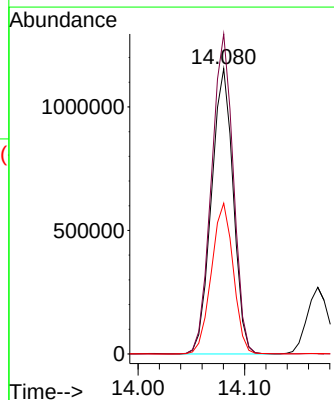
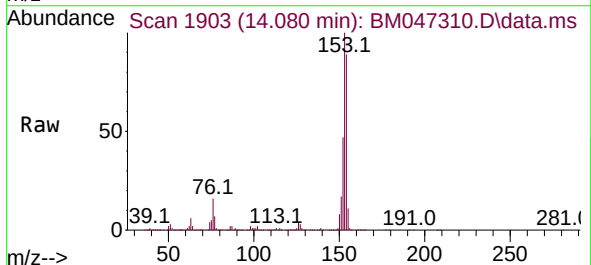
Instrument :
BNA_M
ClientSampleId :
PB162876BS

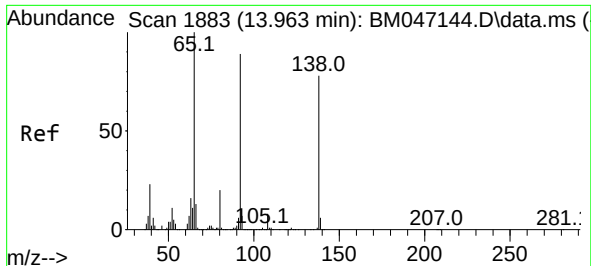
Tgt Ion:165 Resp: 510288
Ion Ratio Lower Upper
165 100
63 49.7 46.5 69.7
89 52.5 47.3 70.9



#52
Acenaphthene
Concen: 44.456 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:154 Resp: 1642300
Ion Ratio Lower Upper
154 100
153 112.1 90.3 135.5
152 52.8 42.9 64.3

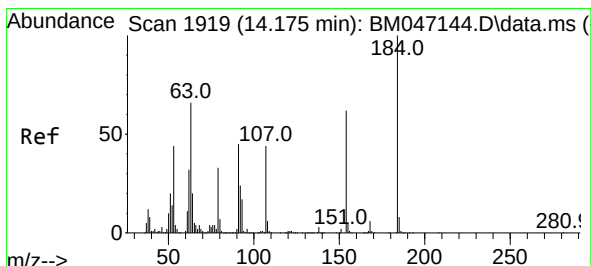
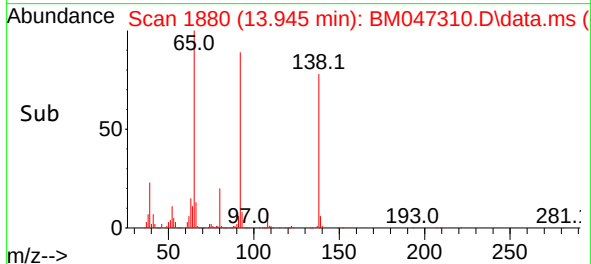
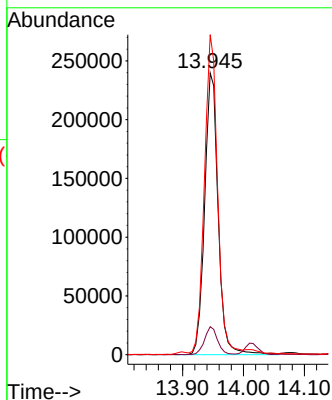
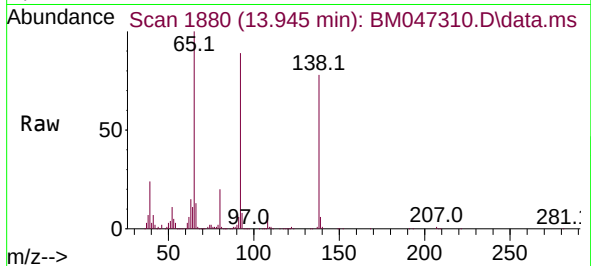




#53
3-Nitroaniline
Concen: 31.856 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

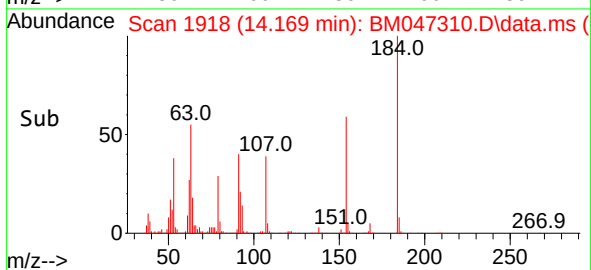
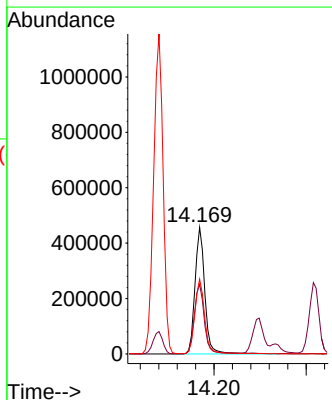
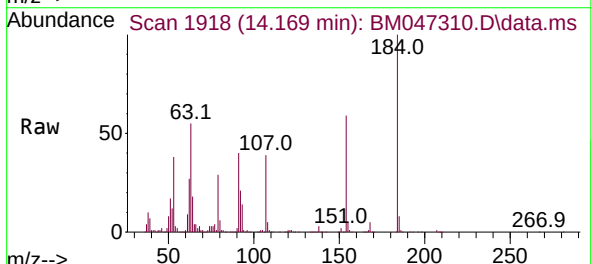
Instrument :
BNA_M
ClientSampleId :
PB162876BS

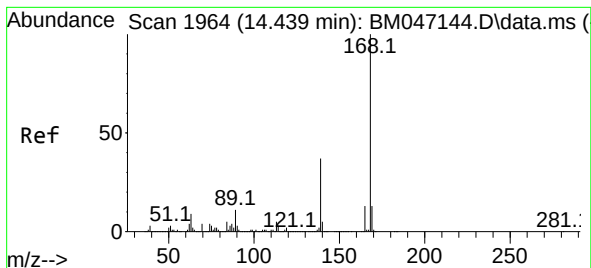
Tgt Ion:138 Resp: 370047
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 113.6 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 97.625 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:184 Resp: 678286
Ion Ratio Lower Upper
184 100
63 55.0 52.7 79.1
154 59.1 50.4 75.6





#55

Dibenzenofuran

Concen: 44.348 ng

RT: 14.422 min Scan# 1961

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

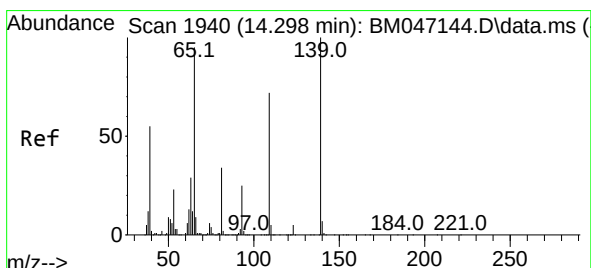
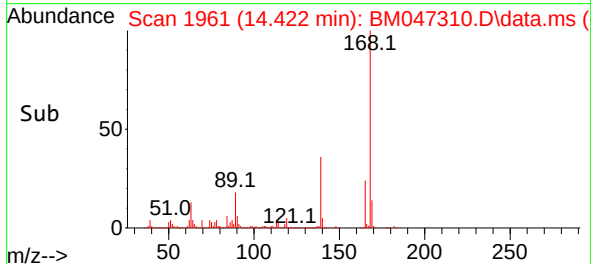
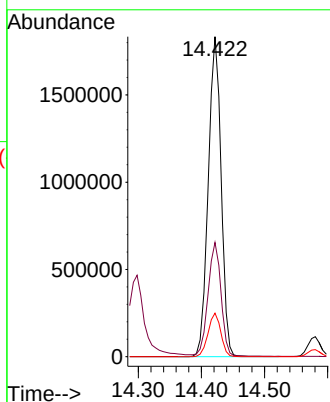
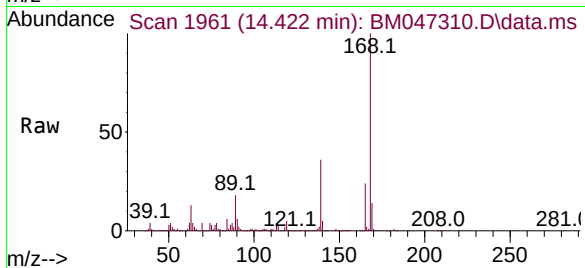
Tgt Ion:168 Resp: 2587826

Ion Ratio Lower Upper

168 100

139 35.7 29.6 44.4

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 82.596 ng

RT: 14.298 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

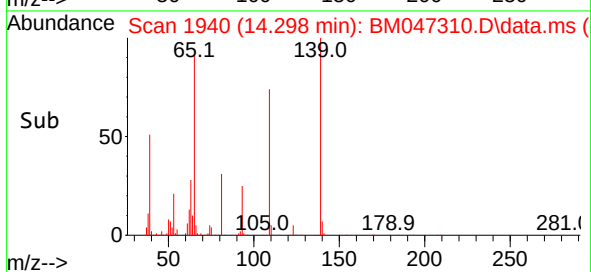
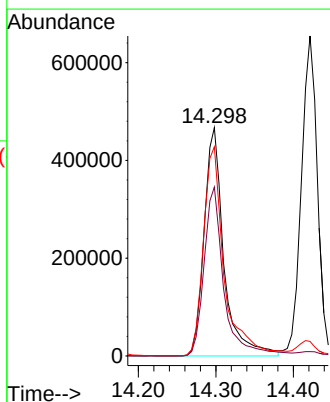
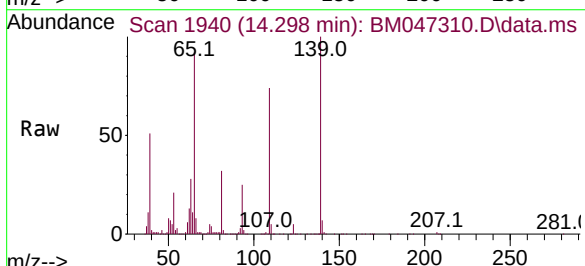
Tgt Ion:139 Resp: 827328

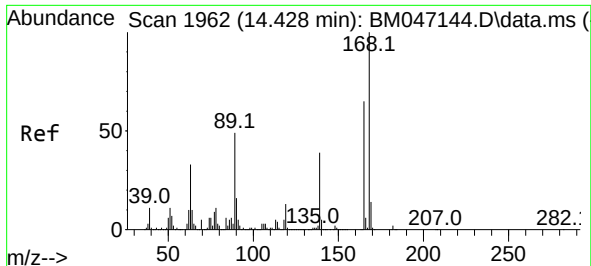
Ion Ratio Lower Upper

139 100

109 74.0 52.5 92.5

65 91.6 75.4 115.4

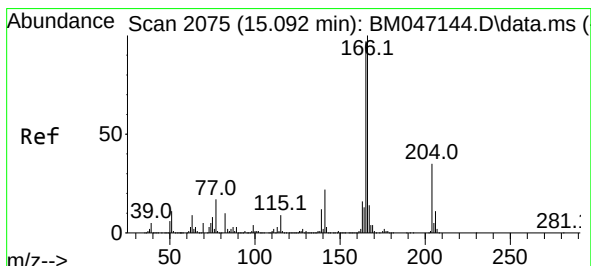
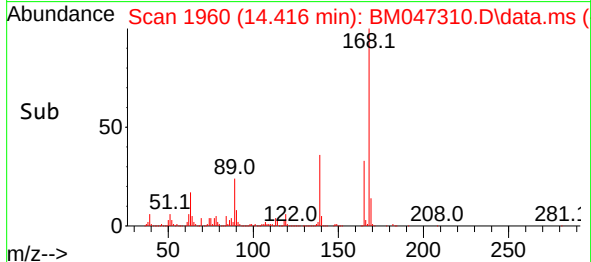
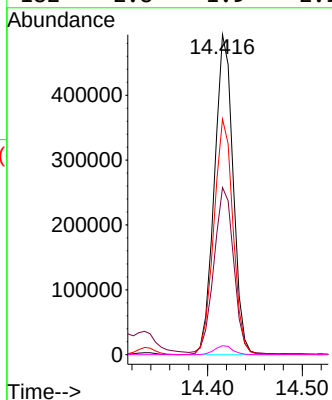
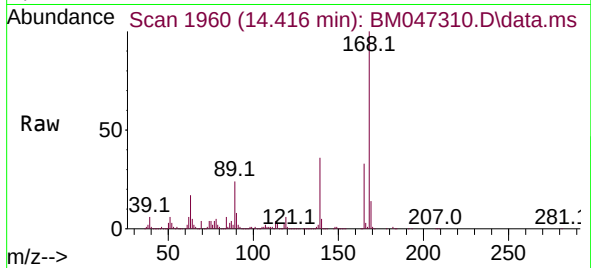




#57
2,4-Dinitrotoluene
Concen: 43.861 ng
RT: 14.416 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

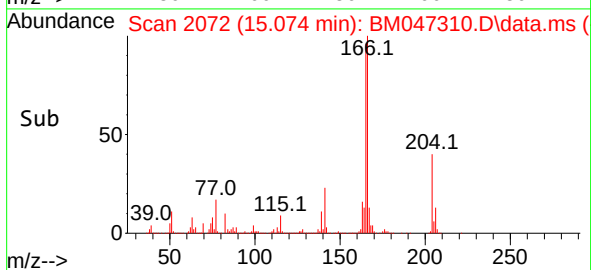
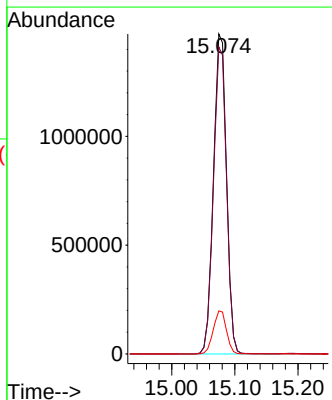
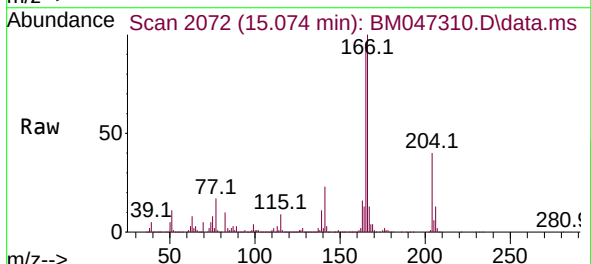
Instrument :
BNA_M
ClientSampleId :
PB162876BS

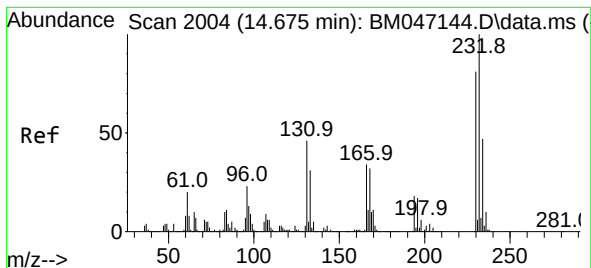
Tgt Ion:	165	Resp:	678658
Ion	Ratio	Lower	Upper
165	100		
63	52.3	40.3	60.5
89	73.6	61.0	91.6
182	2.8	1.9	2.9



#58
Fluorene
Concen: 43.803 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:	166	Resp:	2109000
Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.4	116.0
167	13.5	11.0	16.6

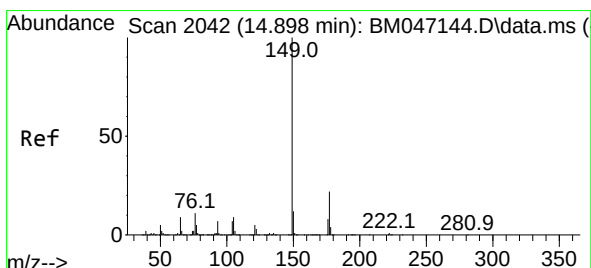
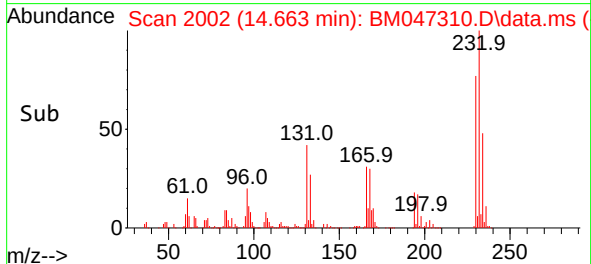
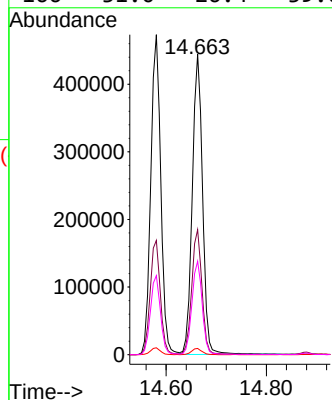
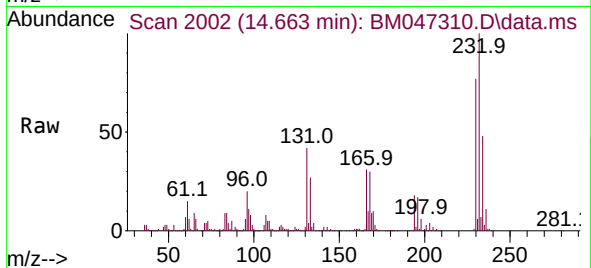




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.313 ng
RT: 14.663 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

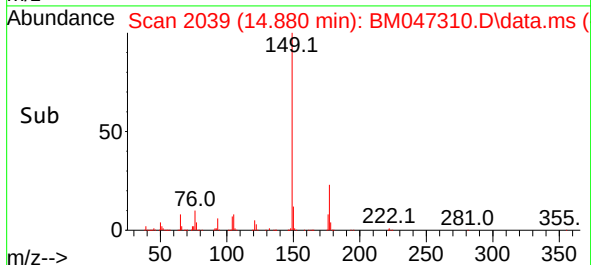
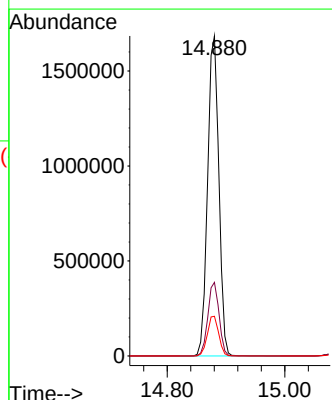
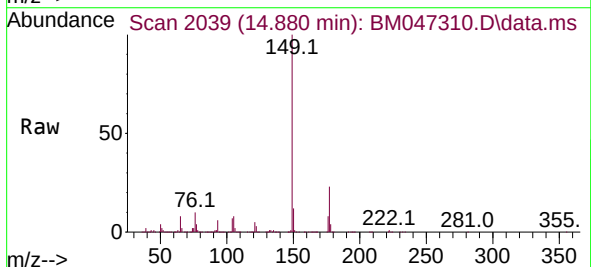
Instrument :
BNA_M
ClientSampleId :
PB162876BS

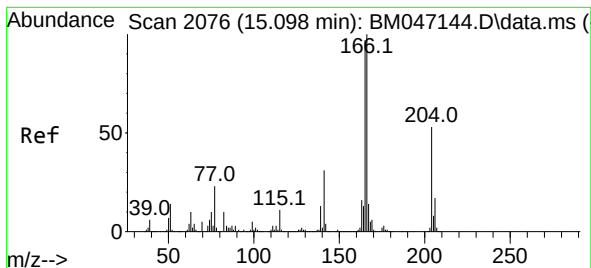
Tgt Ion:232 Resp: 631983
Ion Ratio Lower Upper
232 100
131 41.1 36.9 55.3
130 2.1 2.0 3.0
166 31.0 26.4 39.6



#60
Diethylphthalate
Concen: 44.049 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:149 Resp: 2230677
Ion Ratio Lower Upper
149 100
177 23.0 17.6 26.4
150 12.4 9.8 14.6

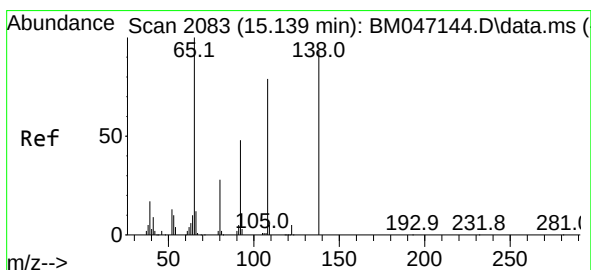
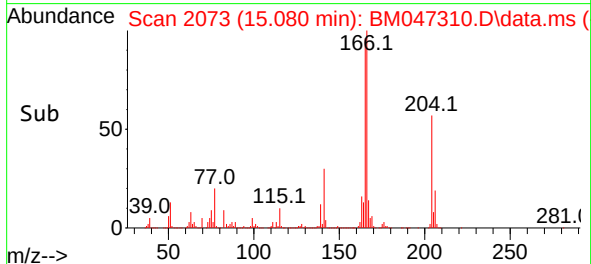
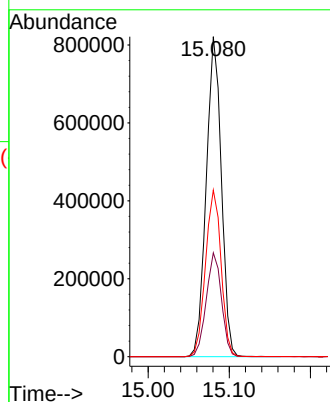
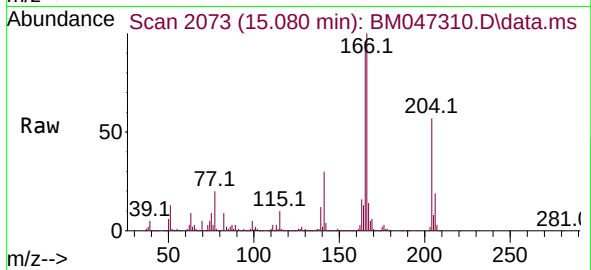




#61
4-Chlorophenyl-phenylether
Concen: 46.229 ng
RT: 15.080 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

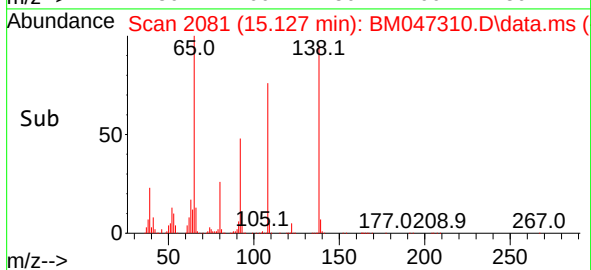
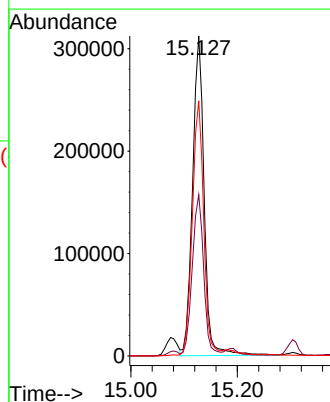
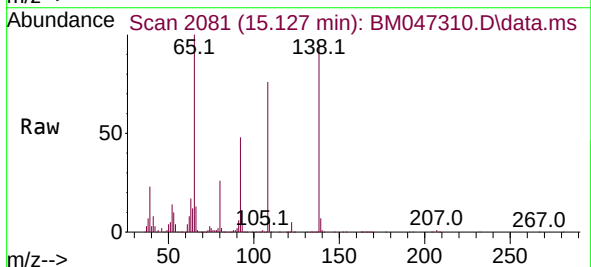
Instrument :
BNA_M
ClientSampleId :
PB162876BS

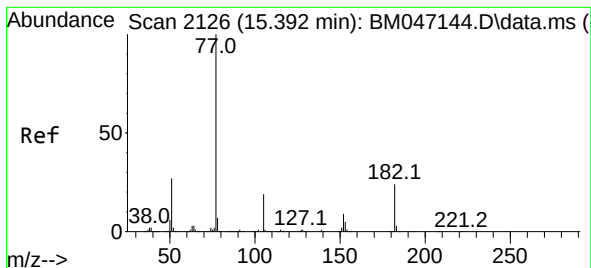
Tgt Ion:204 Resp: 1059646
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 52.1 47.2 70.8



#62
4-Nitroaniline
Concen: 41.233 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:138 Resp: 471865
Ion Ratio Lower Upper
138 100
92 50.4 31.9 71.9
108 79.8 63.8 103.8





#63

Azobenzene

Concen: 41.435 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

Tgt Ion: 77 Resp: 1989512

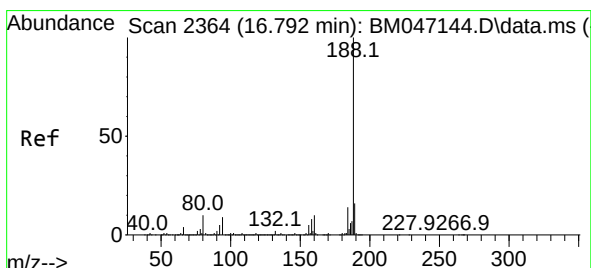
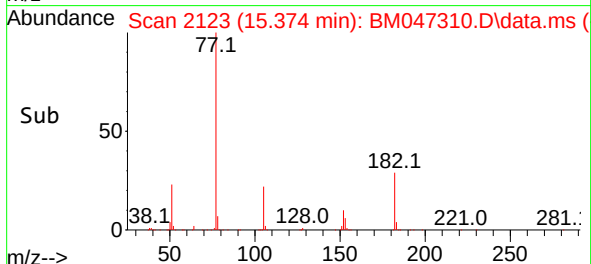
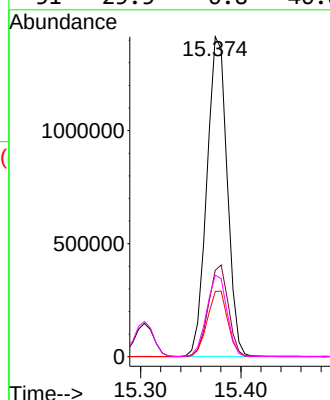
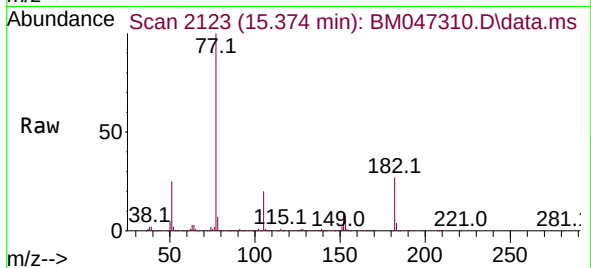
Ion Ratio Lower Upper

77 100

182 27.0 3.8 43.8

105 20.3 0.0 39.5

51 25.5 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 2362

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

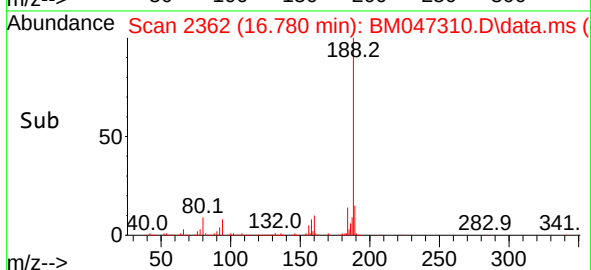
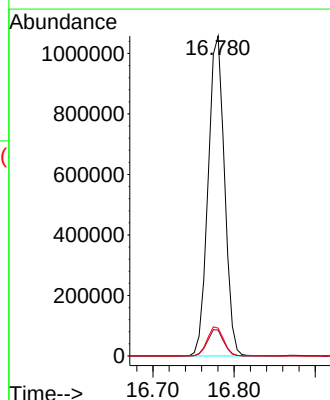
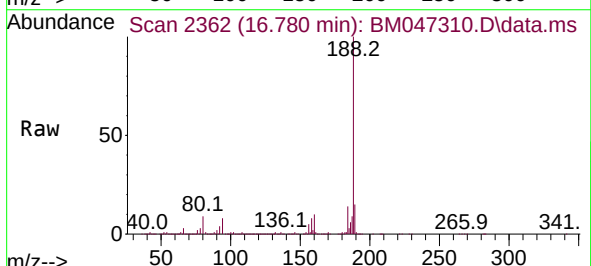
Tgt Ion:188 Resp: 1479379

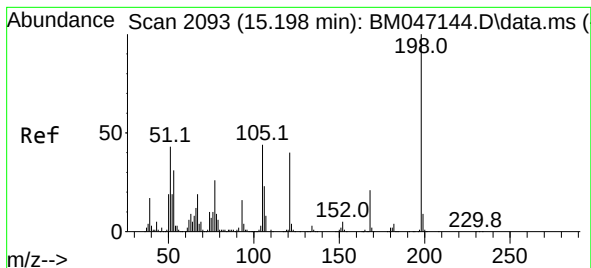
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 8.7 8.0 12.0

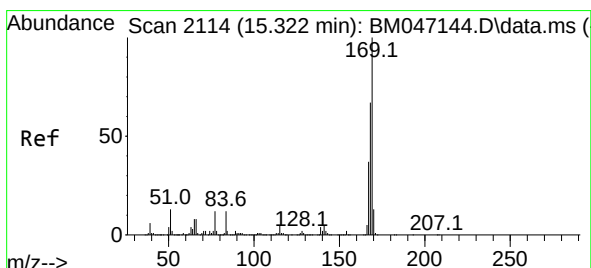
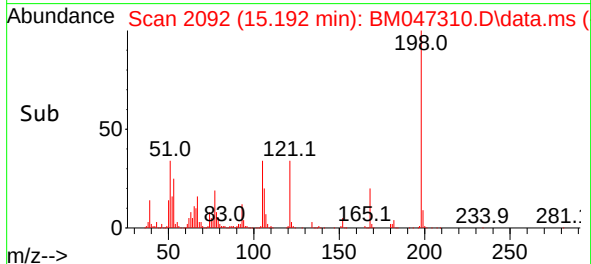
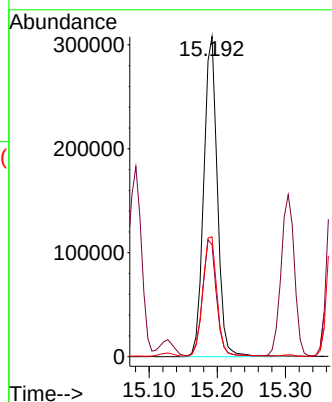
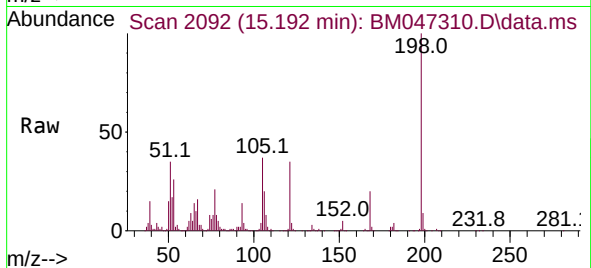




#65
4,6-Dinitro-2-methylphenol
Concen: 49.514 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

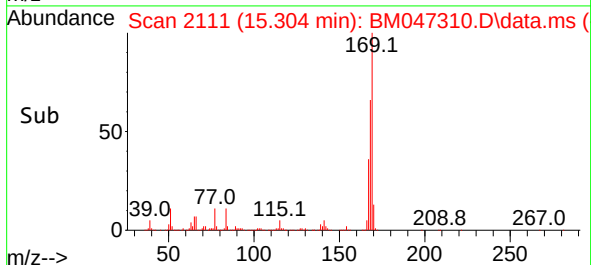
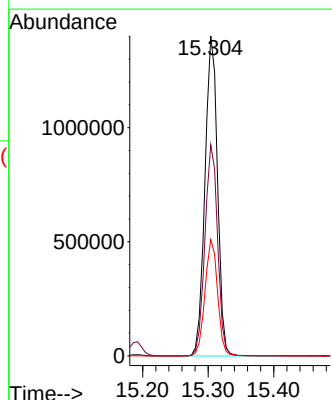
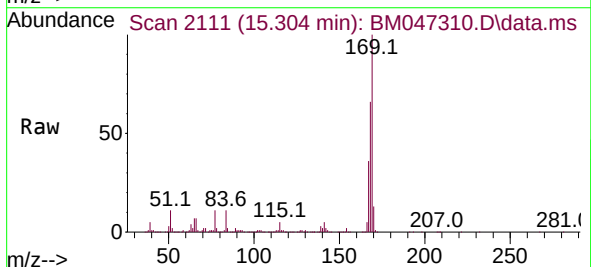
Instrument :
BNA_M
ClientSampleId :
PB162876BS

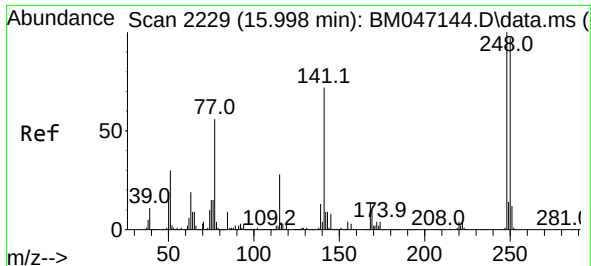
Tgt Ion:198 Resp: 428862
Ion Ratio Lower Upper
198 100
51 35.0 23.9 63.9
105 37.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 46.450 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:169 Resp: 1871683
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.8
167 36.4 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 48.809 ng
RT: 15.980 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

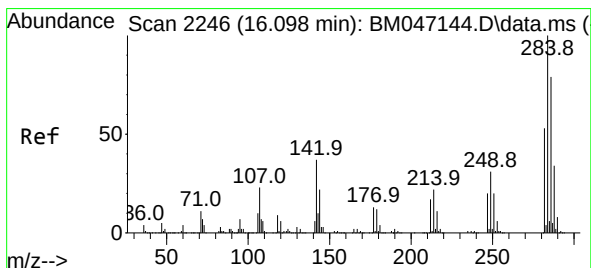
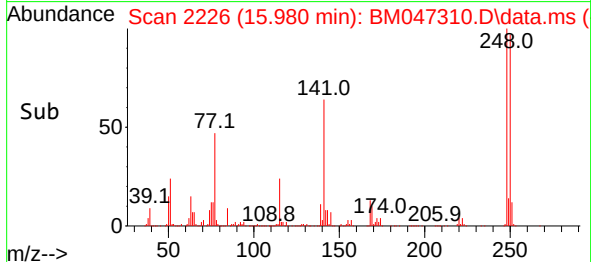
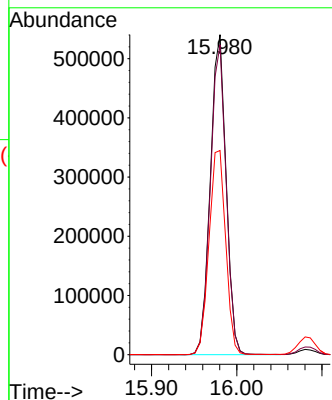
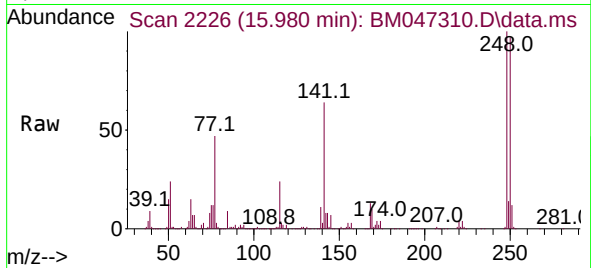
Instrument :

BNA_M

ClientSampleId :

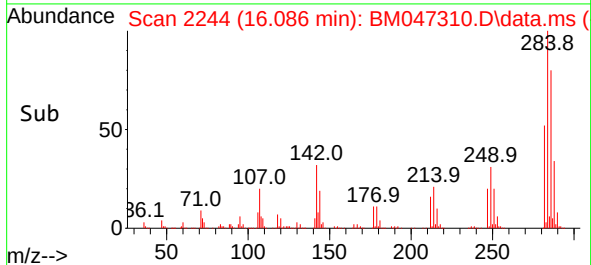
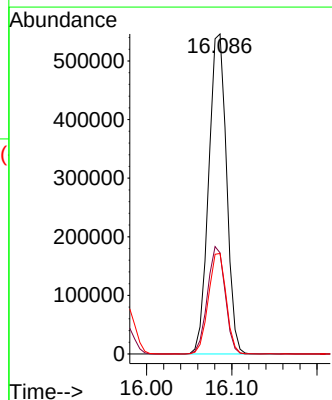
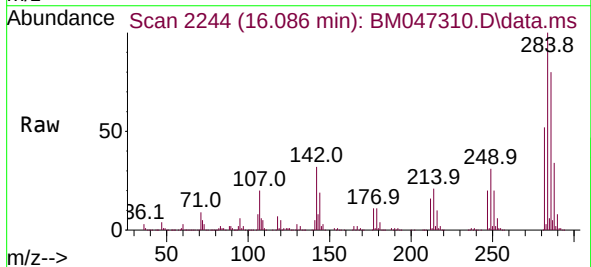
PB162876BS

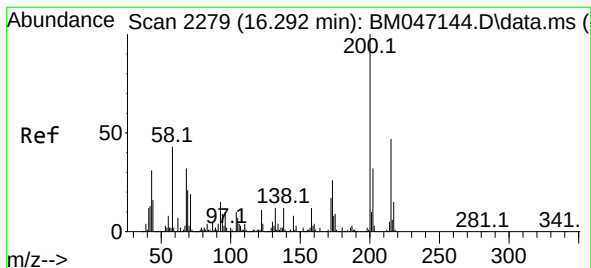
Tgt Ion:248 Resp: 695804
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.8
141 63.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.525 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:284 Resp: 794331
Ion Ratio Lower Upper
284 100
142 31.6 29.4 44.0
249 31.4 25.1 37.7





#69

Atrazine

Concen: 60.191 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

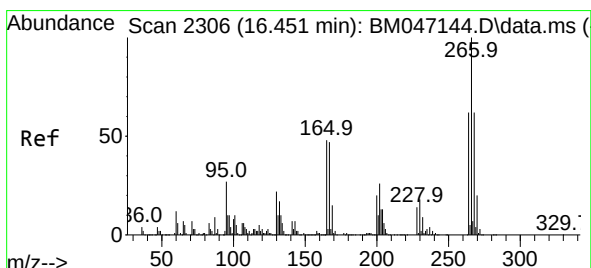
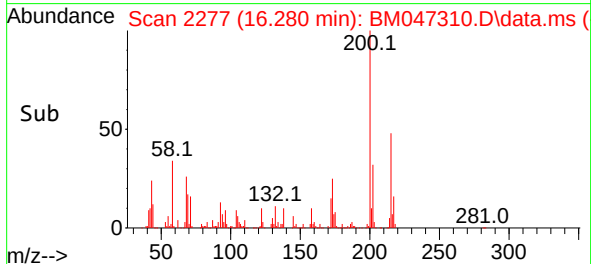
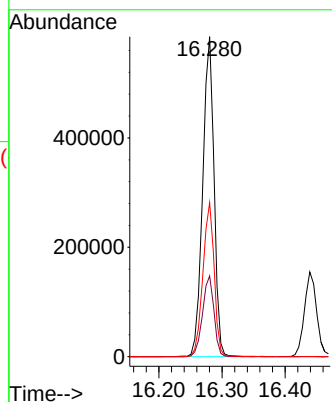
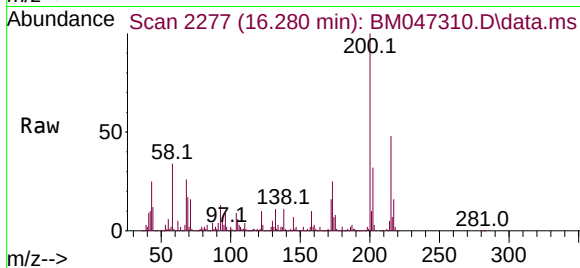
Tgt Ion:200 Resp: 729838

Ion Ratio Lower Upper

200 100

173 25.3 6.1 46.1

215 48.2 26.8 66.8



#70

Pentachlorophenol

Concen: 89.799 ng

RT: 16.439 min Scan# 2304

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

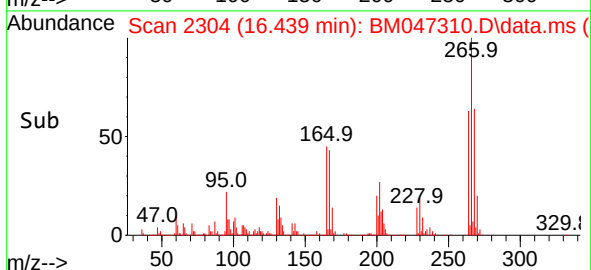
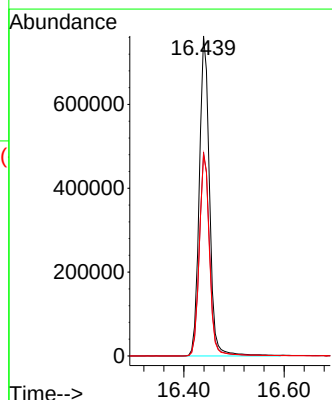
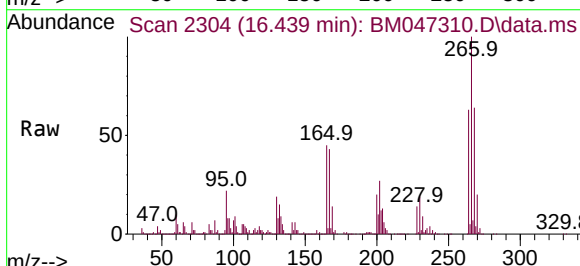
Tgt Ion:266 Resp: 1074718

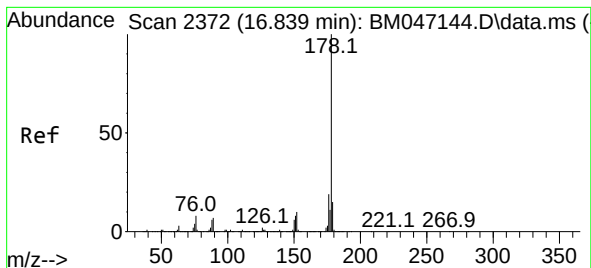
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.6

264 62.9 49.6 74.4





#71

Phenanthrene

Concen: 45.590 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

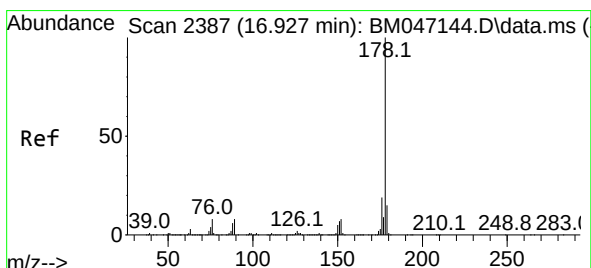
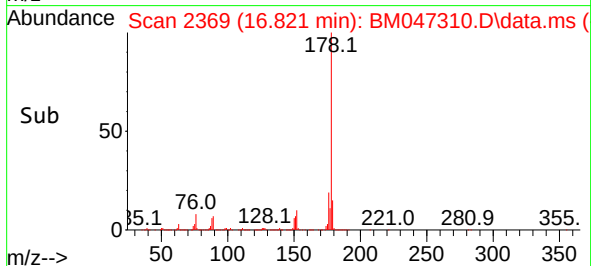
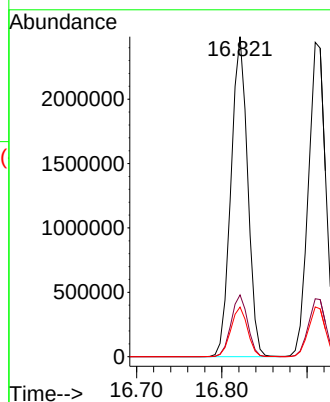
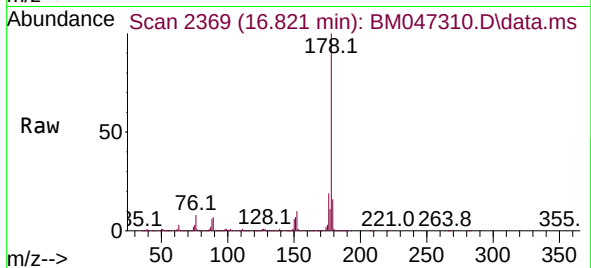
Tgt Ion:178 Resp: 3384793

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 47.776 ng

RT: 16.910 min Scan# 2384

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

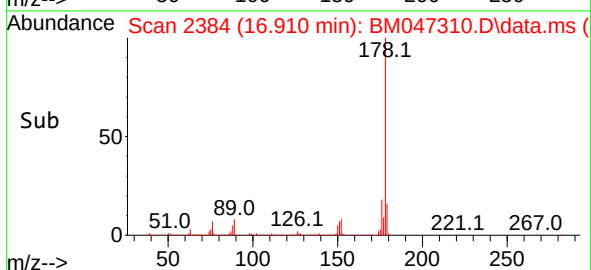
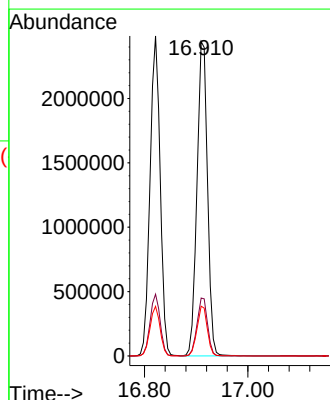
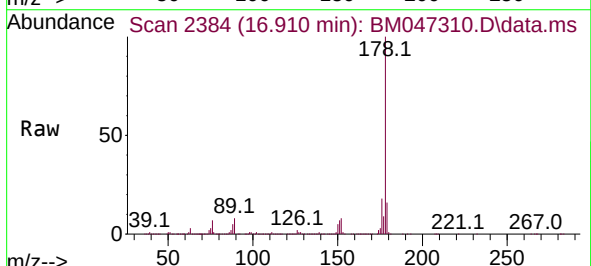
Tgt Ion:178 Resp: 3451340

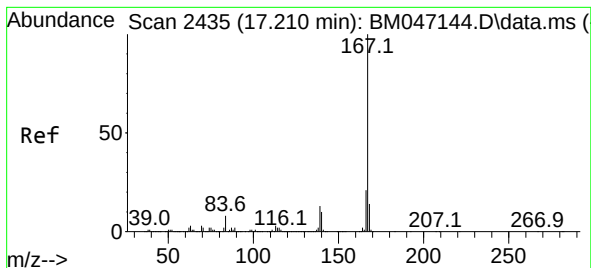
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.8 12.4 18.6





#73

Carbazole

Concen: 43.647 ng

RT: 17.198 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

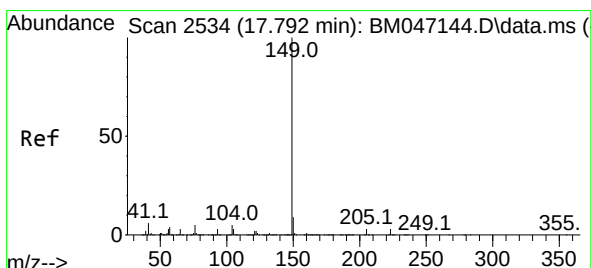
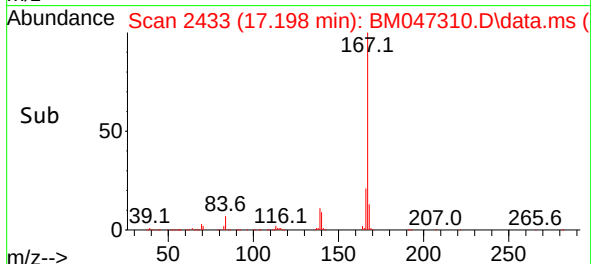
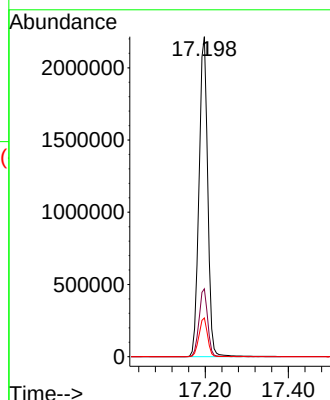
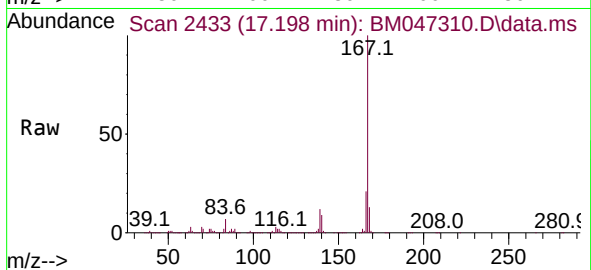
Tgt Ion:167 Resp: 3219394

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 12.1 10.0 15.0



#74

Di-n-butylphthalate

Concen: 45.920 ng

RT: 17.774 min Scan# 2531

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

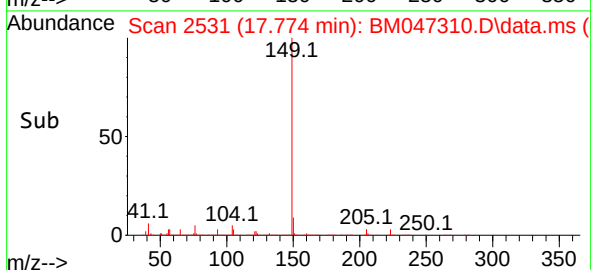
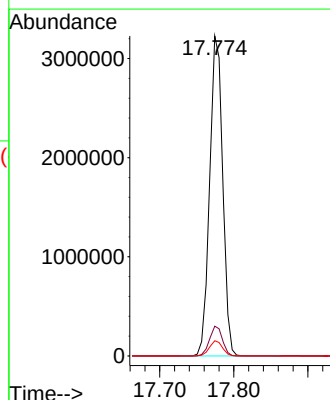
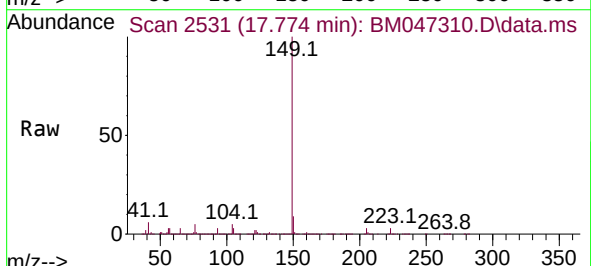
Tgt Ion:149 Resp: 3941045

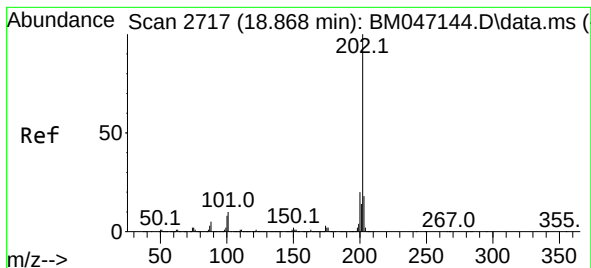
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.7 4.1 6.1





#75

Fluoranthene

Concen: 44.376 ng

RT: 18.857 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

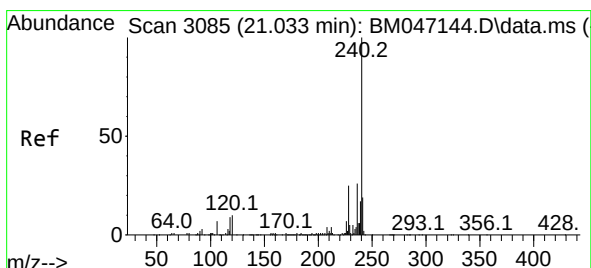
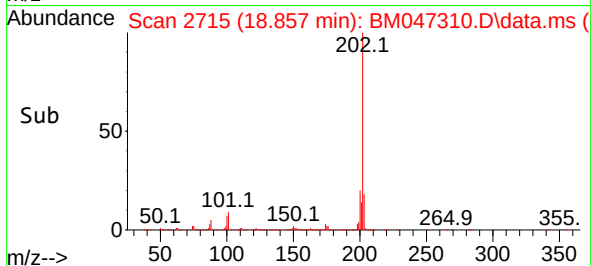
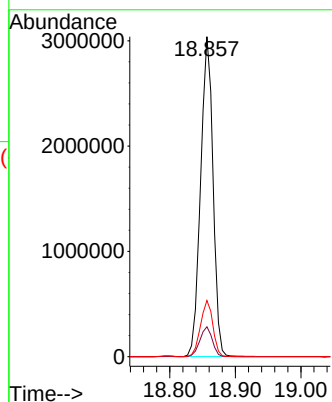
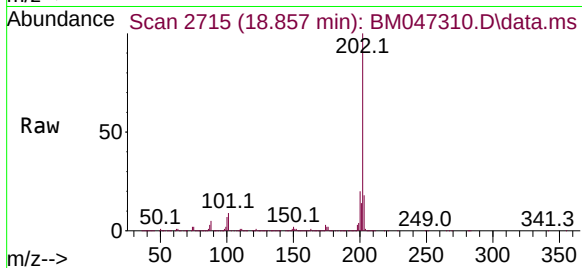
Tgt Ion:202 Resp: 4007400

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.2

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

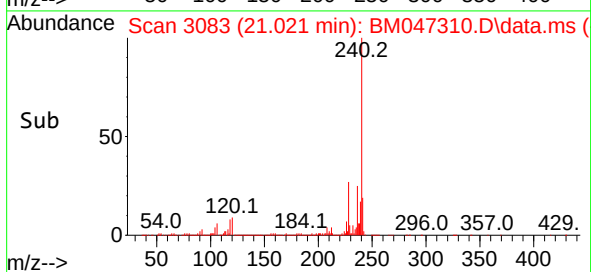
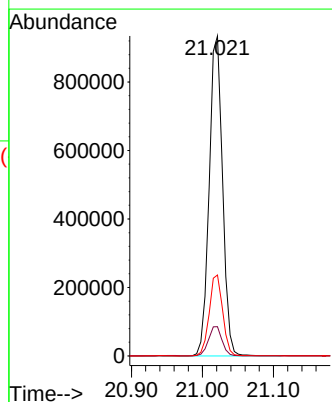
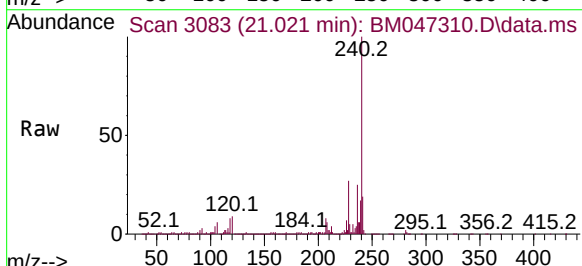
Tgt Ion:240 Resp: 1223655

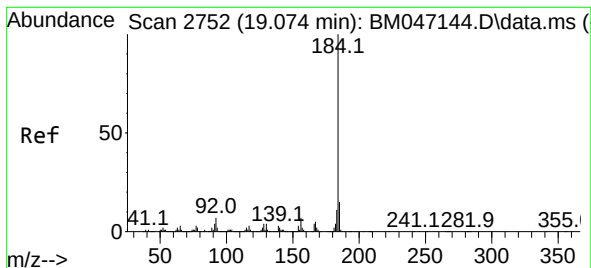
Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

236 25.3 20.6 30.8





#77

Benzidine

Concen: 98.853 ng

RT: 19.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

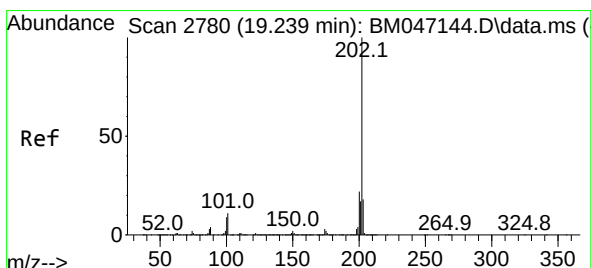
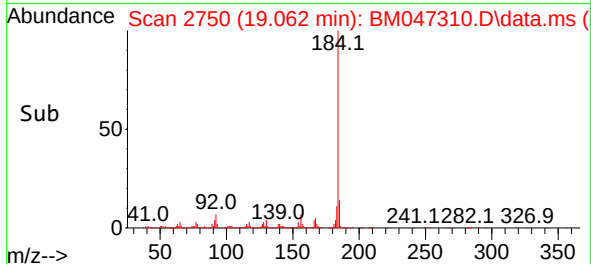
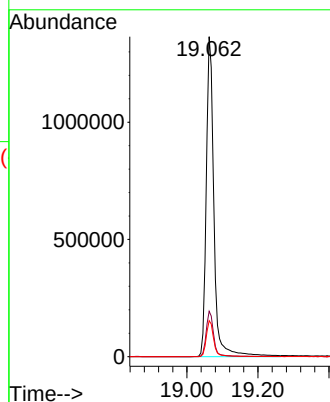
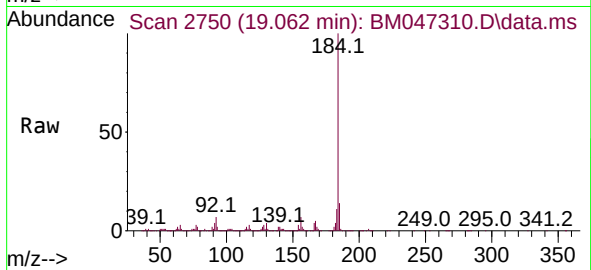
Tgt Ion:184 Resp: 2051336

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

183 11.2 9.0 13.6



#78

Pyrene

Concen: 47.931 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

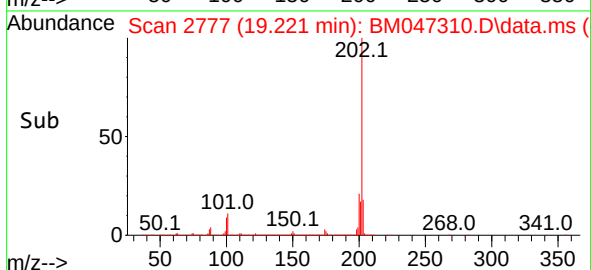
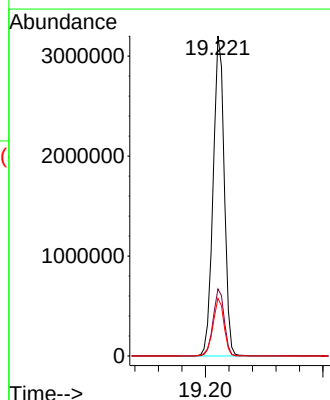
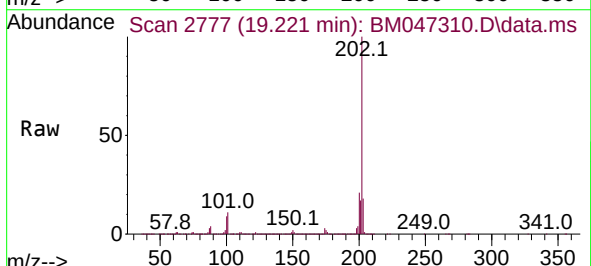
Tgt Ion:202 Resp: 4187851

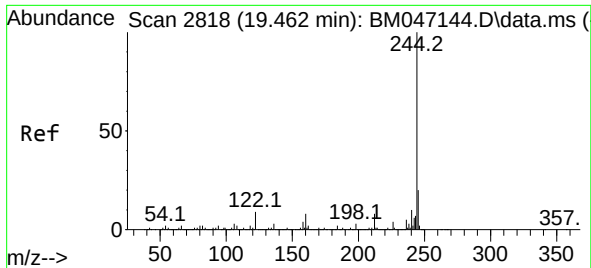
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 18.0 14.2 21.2

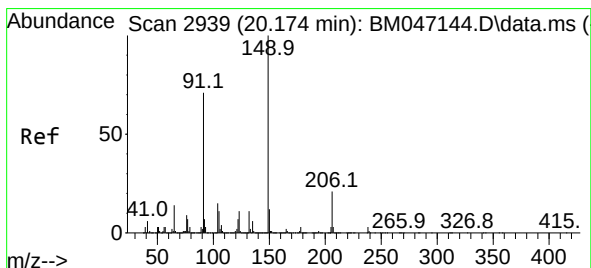
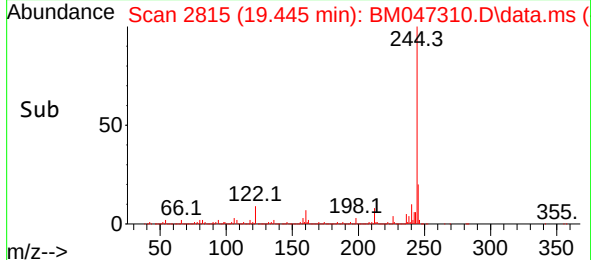
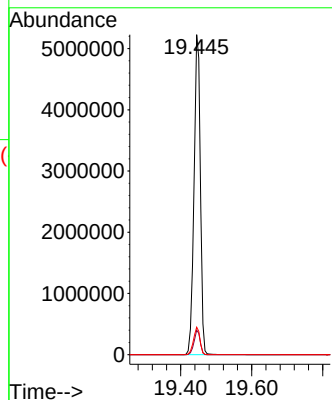
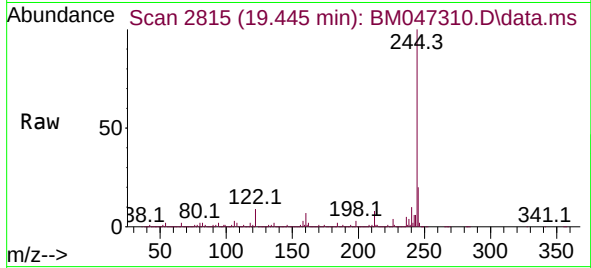




#79
 Terphenyl-d14
 Concen: 113.318 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047310.D
 Acq: 22 Aug 2024 10:33

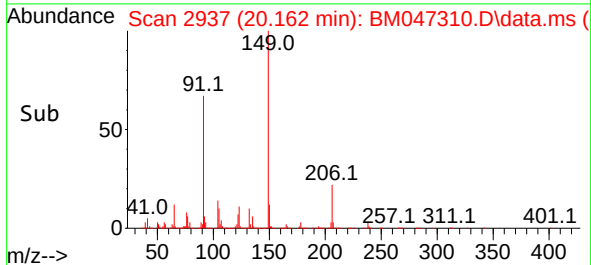
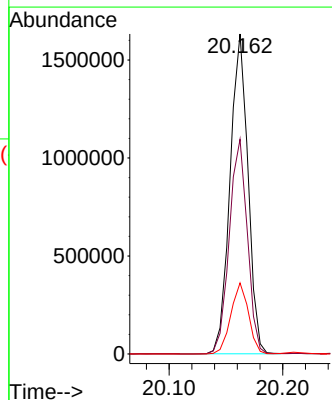
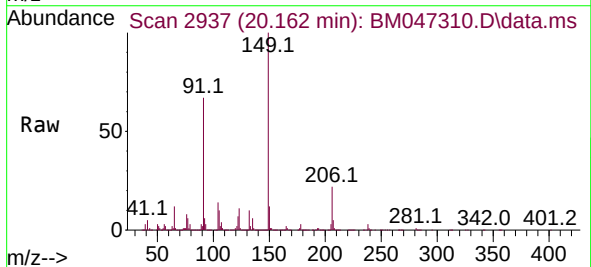
Instrument :
 BNA_M
 ClientSampleId :
 PB162876BS

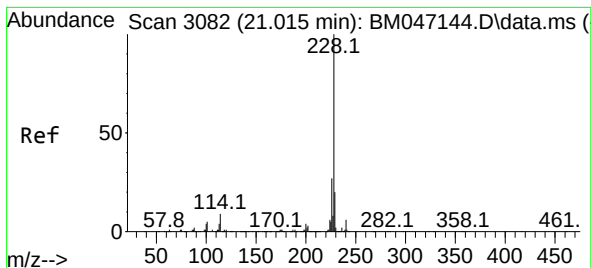
Tgt Ion:244 Resp: 6471163
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 8.6 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 50.035 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. -0.012 min
 Lab File: BM047310.D
 Acq: 22 Aug 2024 10:33

Tgt Ion:149 Resp: 1784095
 Ion Ratio Lower Upper
 149 100
 91 67.1 57.0 85.4
 206 22.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.166 ng

RT: 21.003 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

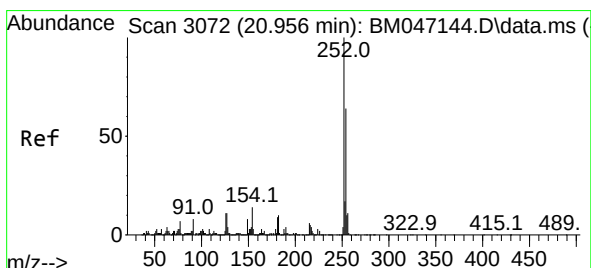
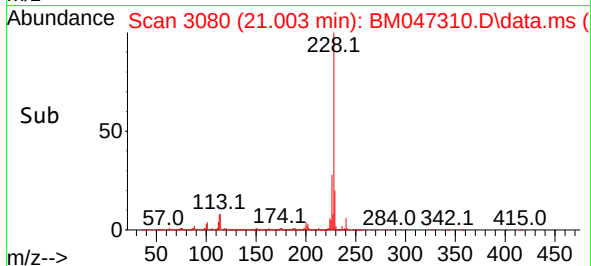
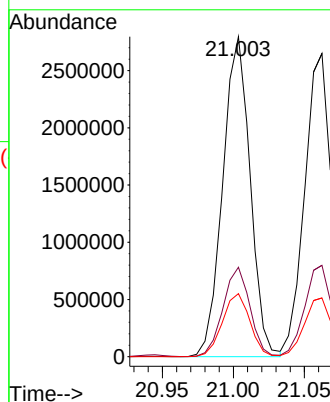
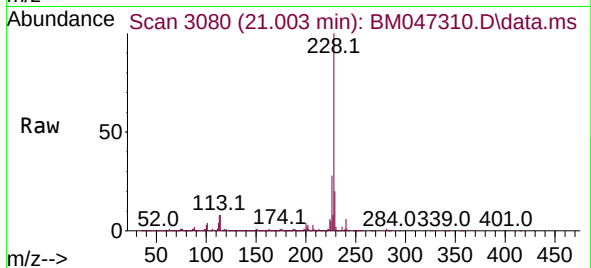
Tgt Ion:228 Resp: 3750236

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.402 ng

RT: 20.945 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

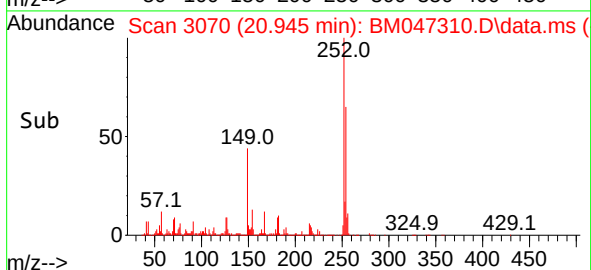
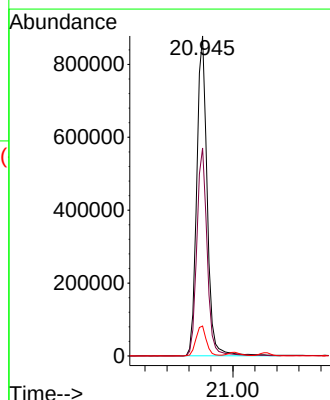
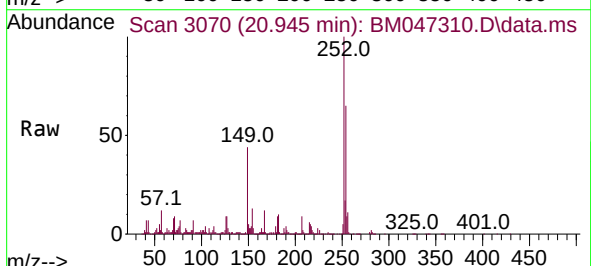
Tgt Ion:252 Resp: 1153958

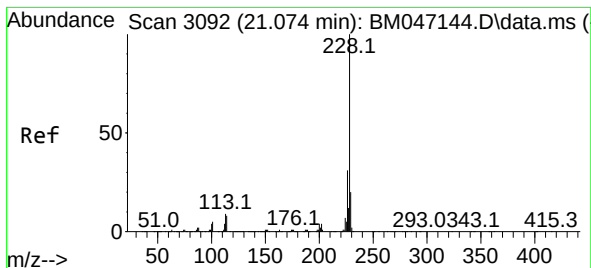
Ion Ratio Lower Upper

252 100

254 65.0 51.0 76.6

126 9.4 8.5 12.7





#83

Chrysene

Concen: 45.103 ng

RT: 21.062 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

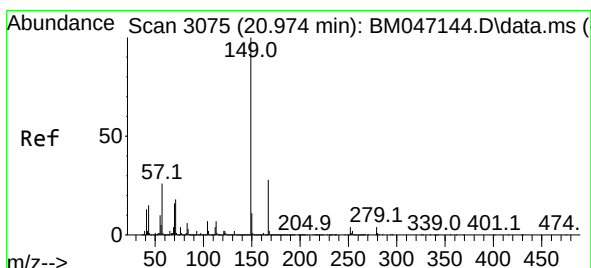
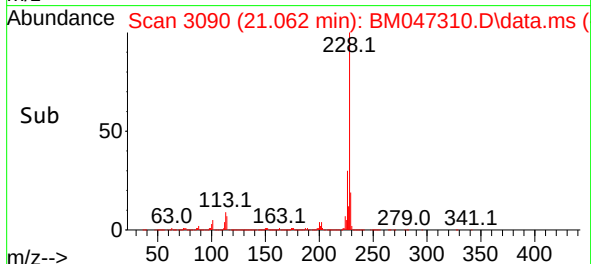
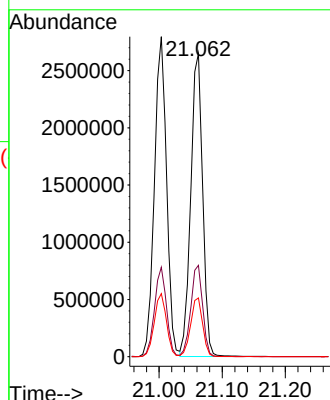
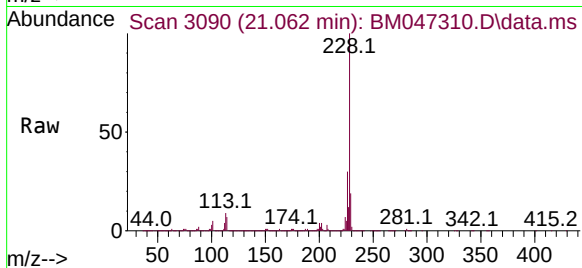
Tgt Ion:228 Resp: 3476141

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.699 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

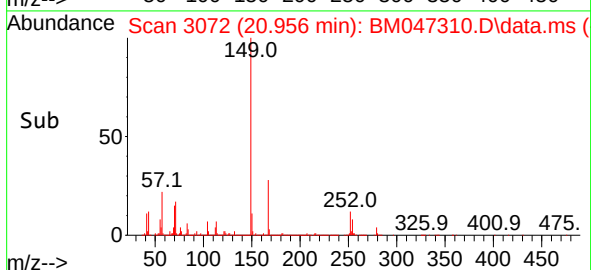
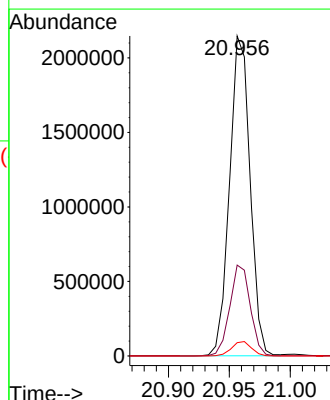
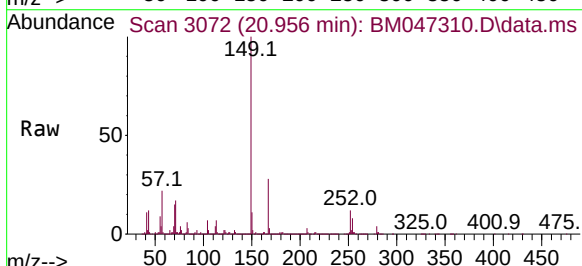
Tgt Ion:149 Resp: 2513126

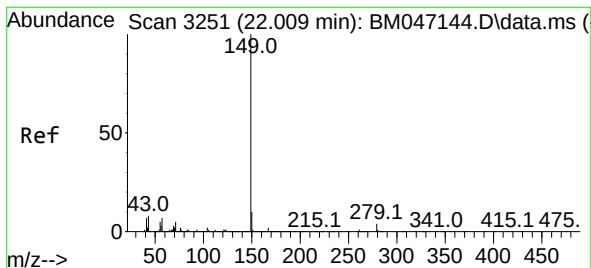
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 51.417 ng

RT: 21.986 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

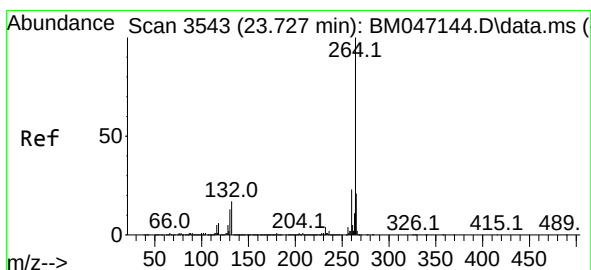
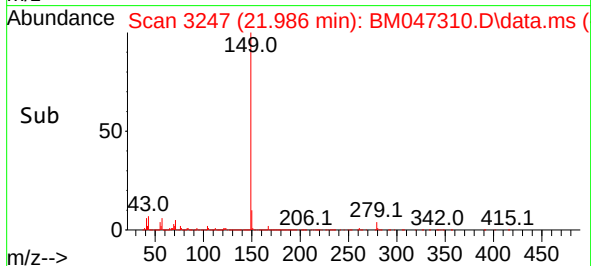
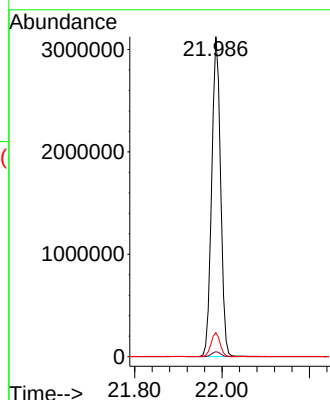
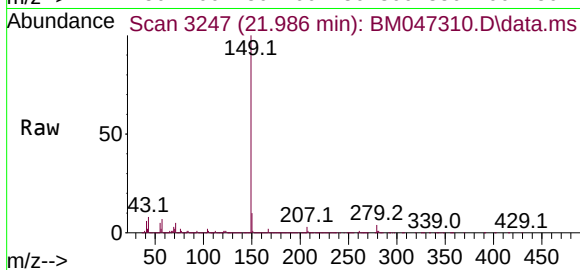
Tgt Ion:149 Resp: 4419245

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3540

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

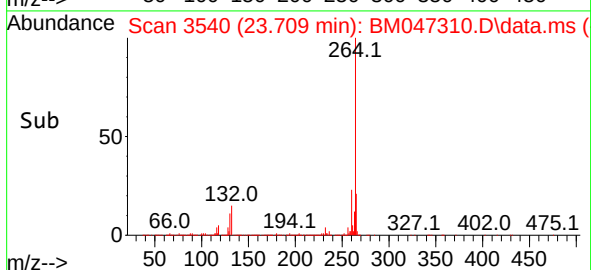
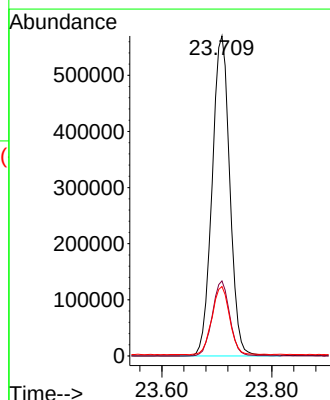
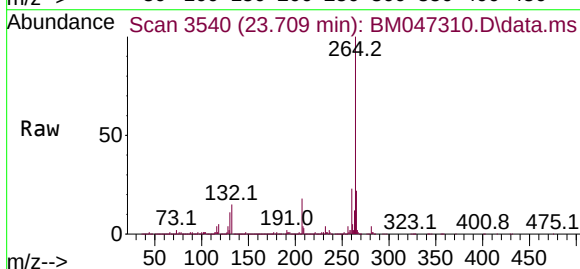
Tgt Ion:264 Resp: 1272658

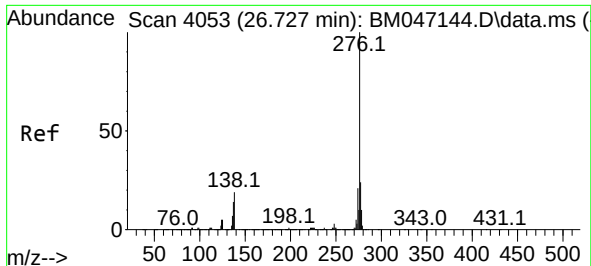
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.7 17.3 25.9

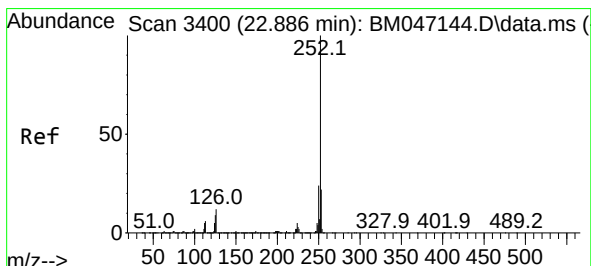
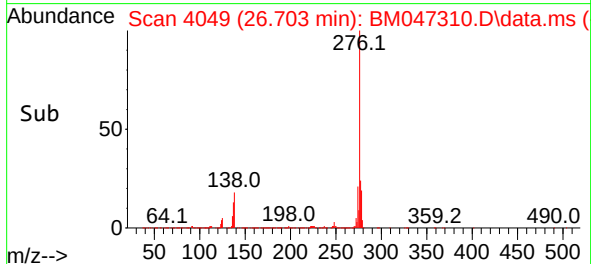
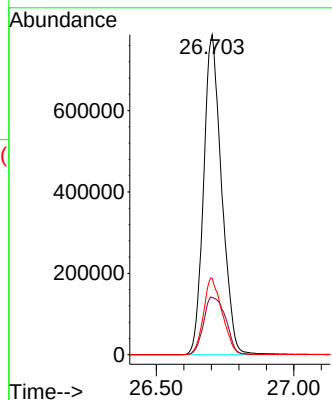
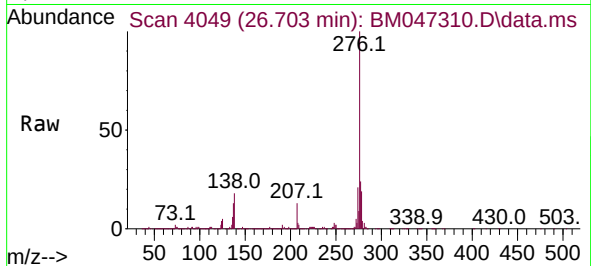




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.514 ng
RT: 26.703 min Scan# 4053
Delta R.T. -0.024 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

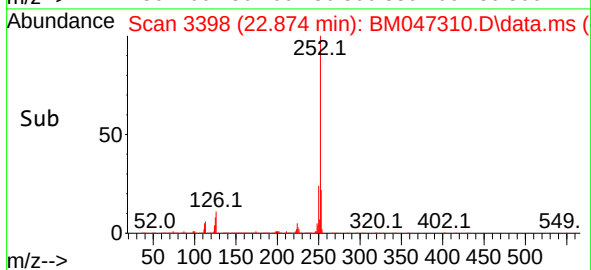
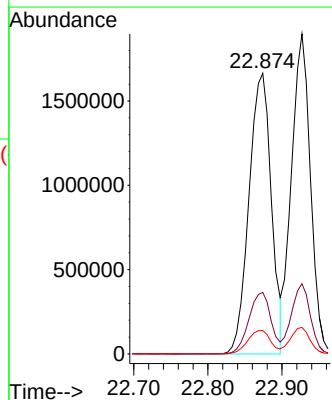
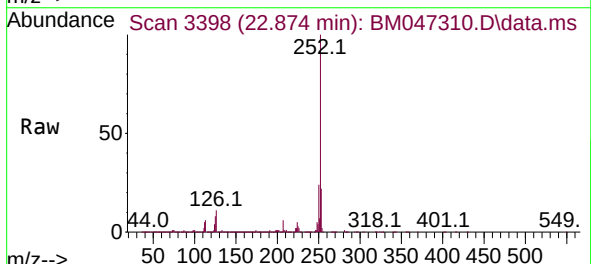
Instrument :
BNA_M
ClientSampleId :
PB162876BS

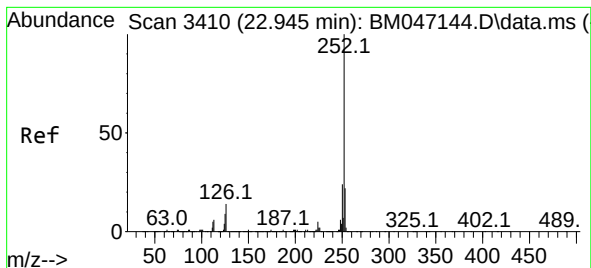
Tgt Ion:276 Resp: 3579535
Ion Ratio Lower Upper
276 100
138 22.1 19.4 29.0
277 24.8 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 46.129 ng
RT: 22.874 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BM047310.D
Acq: 22 Aug 2024 10:33

Tgt Ion:252 Resp: 3486325
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.610 ng

RT: 22.927 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

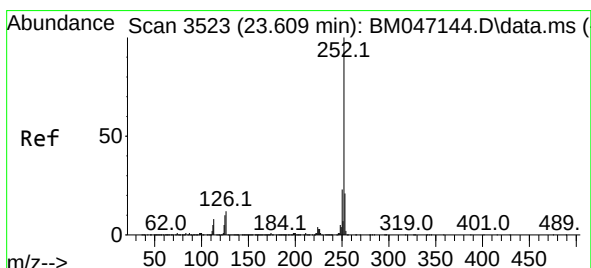
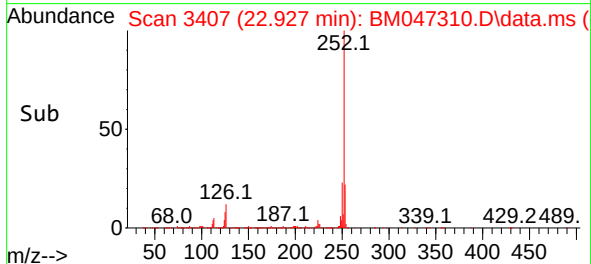
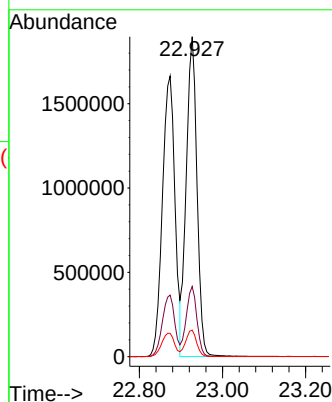
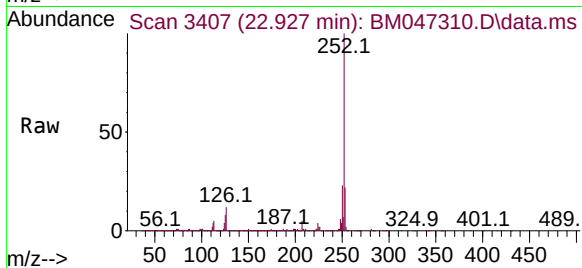
Tgt Ion:252 Resp: 3398739

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 48.873 ng

RT: 23.586 min Scan# 3519

Delta R.T. -0.024 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

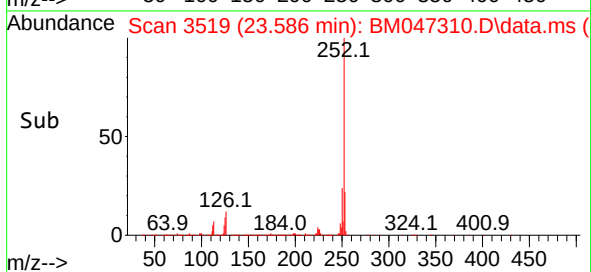
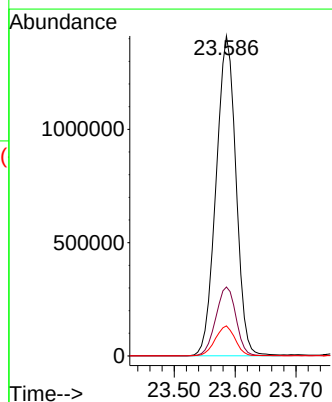
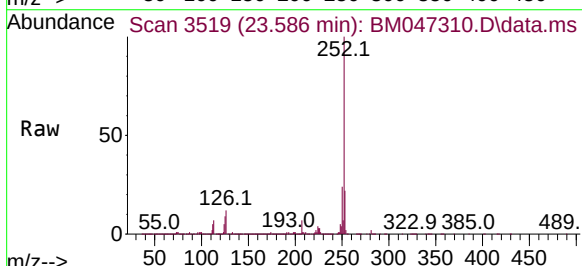
Tgt Ion:252 Resp: 3199740

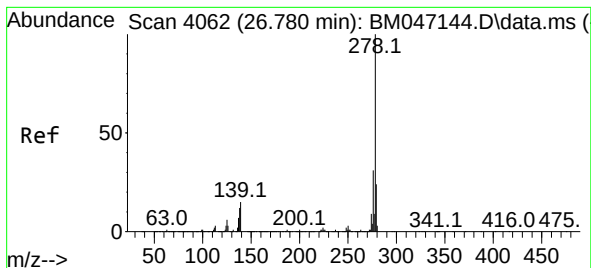
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.4 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 42.963 ng

RT: 26.744 min Scan# 4062

Delta R.T. -0.035 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Instrument :

BNA_M

ClientSampleId :

PB162876BS

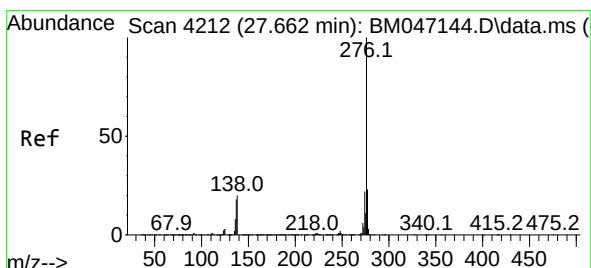
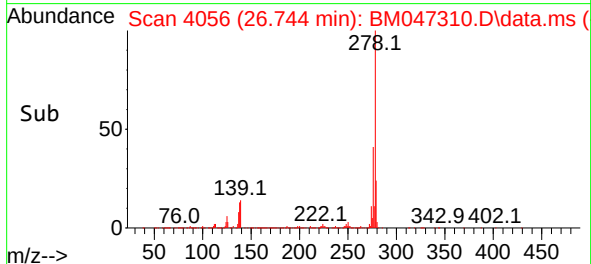
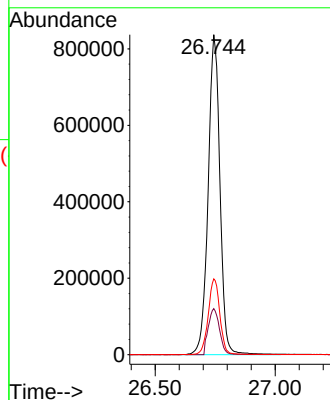
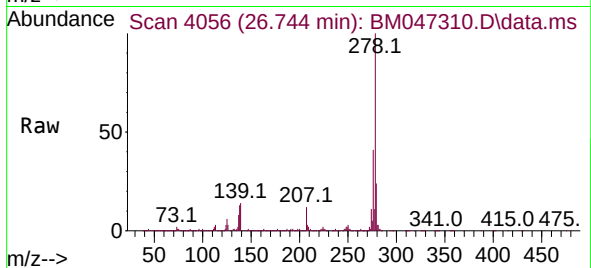
Tgt Ion:278 Resp: 2860173

Ion Ratio Lower Upper

278 100

139 14.4 12.0 18.0

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 39.346 ng

RT: 27.627 min Scan# 4206

Delta R.T. -0.035 min

Lab File: BM047310.D

Acq: 22 Aug 2024 10:33

Tgt Ion:276 Resp: 2719535

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 19.5 16.2 24.4

