

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
 Data File : BM047375.D
 Acq On : 28 Aug 2024 10:57
 Operator : RC/JU
 Sample : PB163019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163019BS

Quant Time: Aug 28 11:56:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	281145	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1059844	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	695266	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1360725	20.000	ng	0.00
76) Chrysene-d12	21.021	240	856512	20.000	ng	0.00
86) Perylene-d12	23.721	264	812940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2028982	138.459	ng	0.00
7) Phenol-d6	6.575	99	2628699	131.681	ng	0.00
23) Nitrobenzene-d5	8.504	82	1730275	90.585	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1146980	136.736	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4158234	91.895	ng	0.00
79) Terphenyl-d14	19.445	244	5453873	113.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	220562	36.772	ng	99
3) Pyridine	3.393	79	602401	36.186	ng	99
4) n-Nitrosodimethylamine	3.316	42	300608	44.338	ng	99
6) Aniline	6.698	93	915125	50.615	ng	99
8) 2-Chlorophenol	6.928	128	839987	51.213	ng	97
9) Benzaldehyde	6.516	77	293086	25.079	ng	98
10) Phenol	6.598	94	954717	48.610	ng	99
11) bis(2-Chloroethyl)ether	6.804	93	776141	45.601	ng	99
12) 1,3-Dichlorobenzene	7.240	146	908039	45.273	ng	99
13) 1,4-Dichlorobenzene	7.381	146	915489	45.070	ng	99
14) 1,2-Dichlorobenzene	7.693	146	893405	46.411	ng	99
15) Benzyl Alcohol	7.610	79	736323	53.204	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.875	45	954325	46.762	ng	99
17) 2-Methylphenol	7.816	107	671403	49.203	ng	97
18) Hexachloroethane	8.398	117	349949	46.087	ng	99
19) n-Nitroso-di-n-propyla...	8.163	70	577672	42.097	ng	99
20) 3+4-Methylphenols	8.145	107	910061	47.967	ng	98
22) Acetophenone	8.175	105	1111751	45.199	ng	99
24) Nitrobenzene	8.545	77	886215	45.111	ng	98
25) Isophorone	9.069	82	1655848	45.867	ng	98
26) 2-Nitrophenol	9.239	139	489169	50.622	ng	98
27) 2,4-Dimethylphenol	9.328	122	672529	61.658	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1029577	46.572	ng	99
29) 2,4-Dichlorophenol	9.781	162	894739	52.881	ng	97
30) 1,2,4-Trichlorobenzene	9.975	180	891970	45.641	ng	98
31) Naphthalene	10.157	128	2387972	46.131	ng	99
32) Benzoic acid	9.545	122	585197	44.930	ng	99
33) 4-Chloroaniline	10.292	127	677459	35.197	ng	99
34) Hexachlorobutadiene	10.434	225	571744	46.844	ng	99
35) Caprolactam	11.110	113	153456	27.997	ng	98
36) 4-Chloro-3-methylphenol	11.445	107	826397	48.096	ng	100
37) 2-Methylnaphthalene	11.781	142	1762255	46.690	ng	99
38) 1-Methylnaphthalene	12.010	142	1635521	43.814	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	1003260	48.730	ng	99
41) Hexachlorocyclopentadiene	12.133	237	1183770	182.182	ng	99
43) 2,4,6-Trichlorophenol	12.433	196	728355	51.607	ng	99

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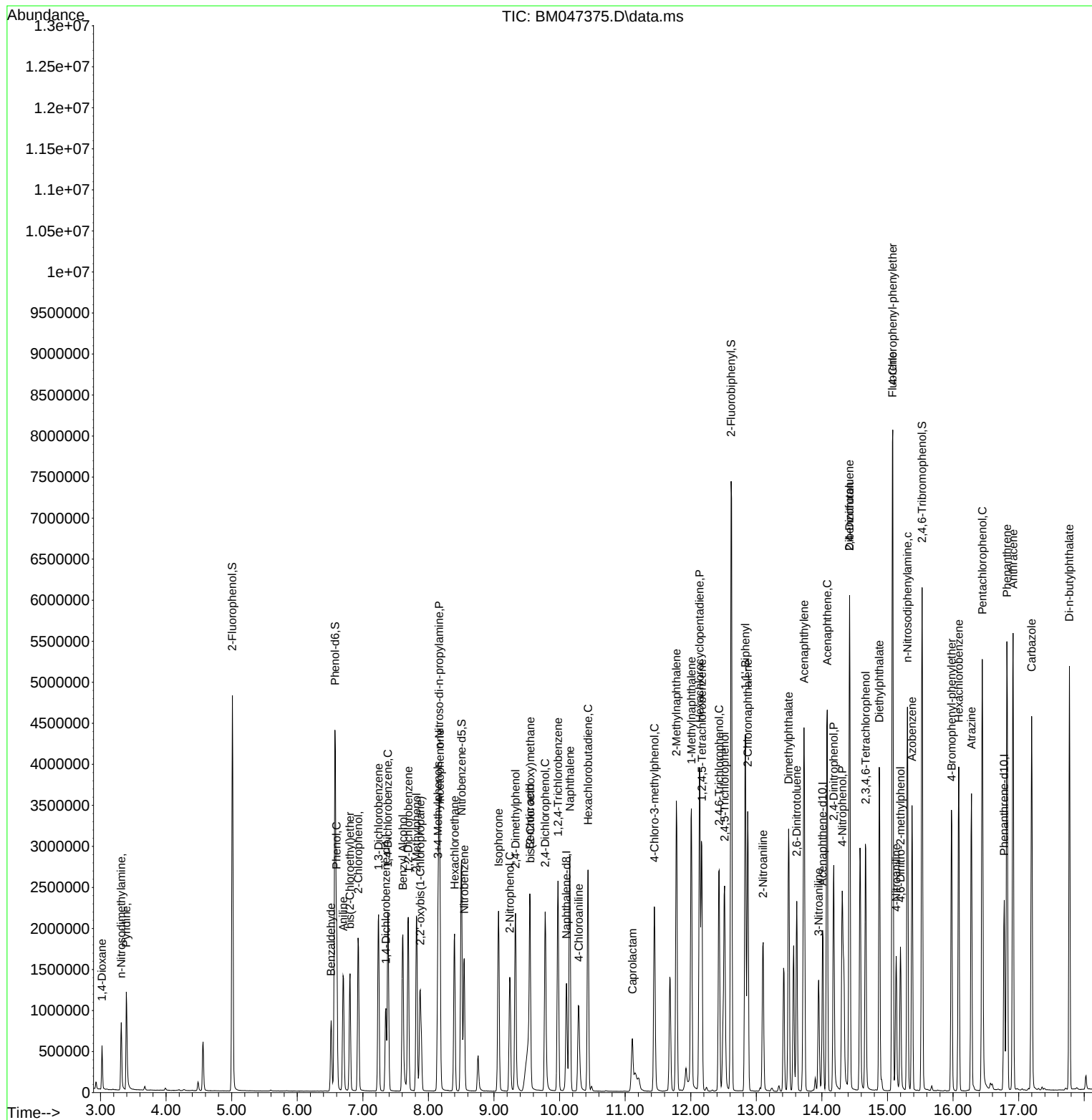
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	782786	49.942	ng	98
46) 1,1'-Biphenyl	12.833	154	2292818	47.229	ng	99
47) 2-Chloronaphthalene	12.869	162	1758698	46.228	ng	99
48) 2-Nitroaniline	13.104	65	528929	49.633	ng	96
49) Acenaphthylene	13.727	152	2825234	51.096	ng	99
50) Dimethylphthalate	13.492	163	2336096	48.764	ng	100
51) 2,6-Dinitrotoluene	13.616	165	525172	47.083	ng	99
52) Acenaphthene	14.080	154	1695984	48.317	ng	99
53) 3-Nitroaniline	13.951	138	376033	36.535	ng	100
54) 2,4-Dinitrophenol	14.180	184	730090	106.287	ng	95
55) Dibenzofuran	14.422	168	2694092	47.651	ng	99
56) 4-Nitrophenol	14.310	139	801760	99.654	ng	98
57) 2,4-Dinitrotoluene	14.422	165	676066	46.822	ng	100
58) Fluorene	15.074	166	2151770	47.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.669	232	648669	50.385	ng	99
60) Diethylphthalate	14.874	149	2241976	47.443	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	1109523	47.666	ng	98
62) 4-Nitroaniline	15.133	138	448614	47.117	ng	98
63) Azobenzene	15.374	77	1948498	47.350	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	441815	52.901	ng	99
66) n-Nitrosodiphenylamine	15.304	169	1890489	50.774	ng	100
67) 4-Bromophenyl-phenylether	15.980	248	716415	49.907	ng	95
68) Hexachlorobenzene	16.086	284	815038	49.158	ng	98
69) Atrazine	16.280	200	711013	58.422	ng	99
70) Pentachlorophenol	16.445	266	1031466	96.224	ng	99
71) Phenanthrene	16.821	178	3311810	50.116	ng	100
72) Anthracene	16.915	178	3404486	52.848	ng	99
73) Carbazole	17.198	167	2998552	48.506	ng	99
74) Di-n-butylphthalate	17.774	149	3676270	48.838	ng	100
75) Fluoranthene	18.857	202	3649566	47.034	ng	99
77) Benzidine	19.068	184	1487031	104.009	ng	99
78) Pyrene	19.227	202	3773272	57.439	ng	100
80) Butylbenzylphthalate	20.162	149	1404679	54.642	ng	98
81) Benzo(a)anthracene	21.009	228	2854572	51.106	ng	99
82) 3,3'-Dichlorobenzidine	20.951	252	808097	43.008	ng	99
83) Chrysene	21.062	228	2628447	50.026	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	1835201	50.511	ng	99
85) Di-n-octyl phthalate	21.986	149	2872162	46.967	ng	99
87) Indeno(1,2,3-cd)pyrene	26.727	276	2587024	50.836	ng	100
88) Benzo(b)fluoranthene	22.880	252	2378783	50.155	ng	99
89) Benzo(k)fluoranthene	22.939	252	2272764	50.550	ng	100
90) Benzo(a)pyrene	23.597	252	2187323	53.329	ng	99
91) Dibenzo(a,h)anthracene	26.774	278	2077175	50.384	ng	100
92) Benzo(g,h,i)perylene	27.662	276	2017332	47.068	ng	99

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

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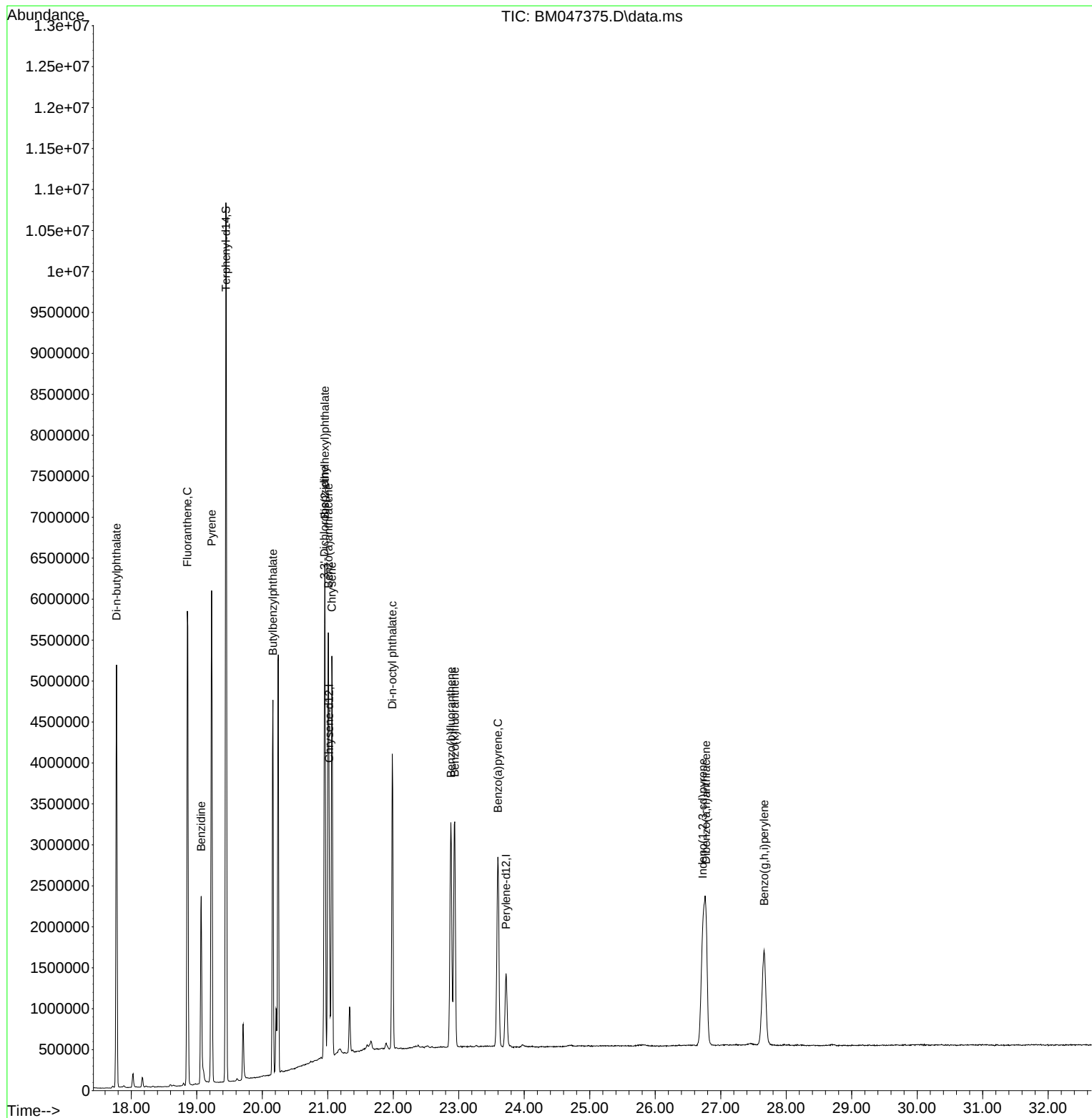
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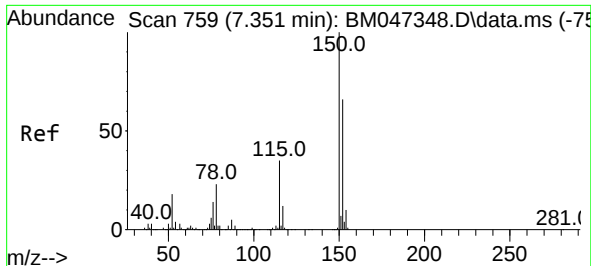


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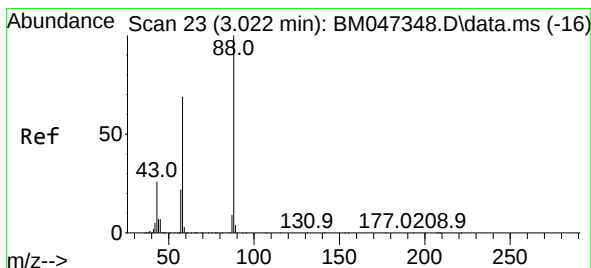
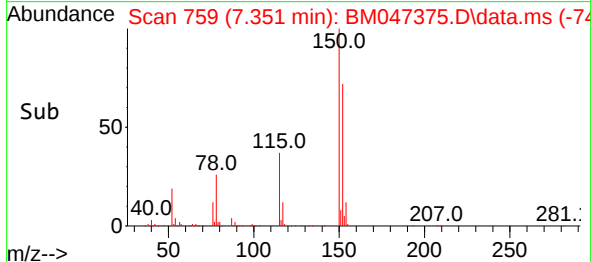
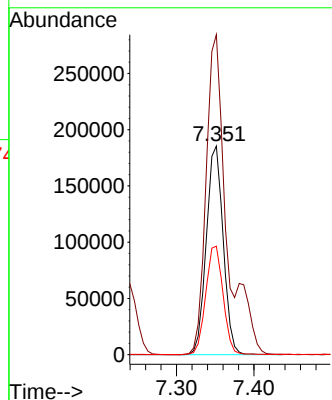
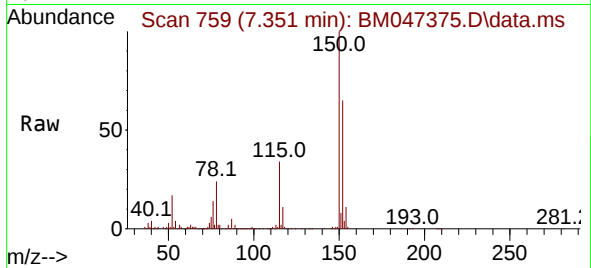




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: BM047375.D
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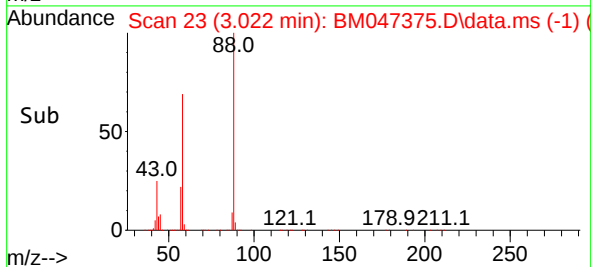
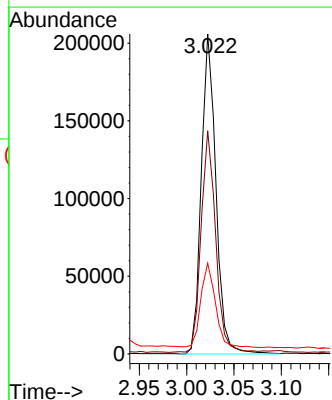
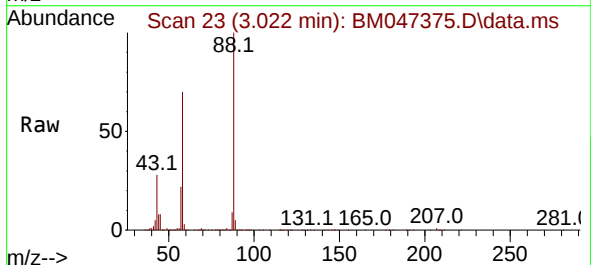
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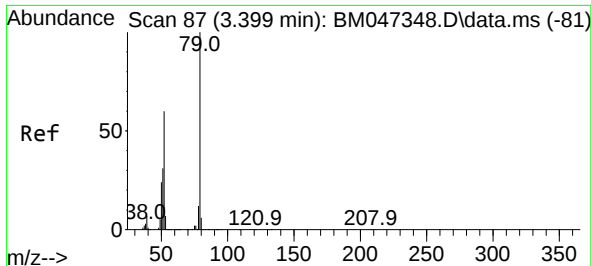
Tgt Ion:152 Resp: 281145
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.3 181.9
 115 52.0 42.6 64.0



#2
 1,4-Dioxane
 Concen: 36.772 ng
 RT: 3.022 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

Tgt Ion: 88 Resp: 220562
 Ion Ratio Lower Upper
 88 100
 58 68.7 55.4 83.0
 43 26.3 20.7 31.1

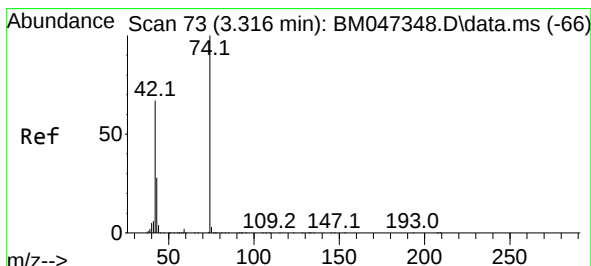
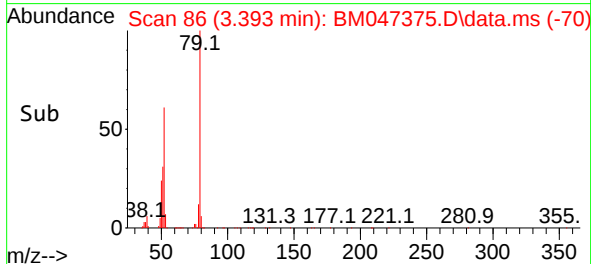
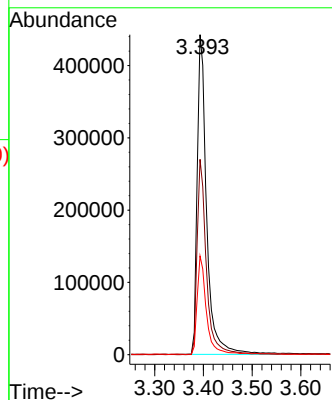
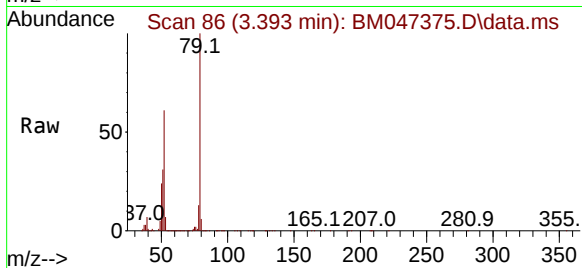




#3
 Pyridine
 Concen: 36.186 ng
 RT: 3.393 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

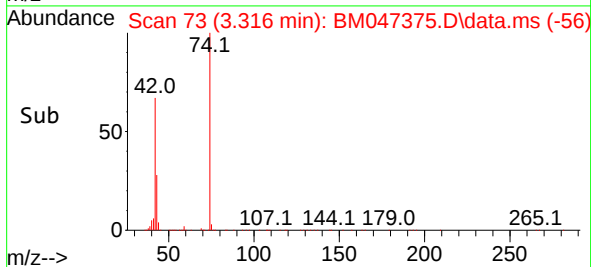
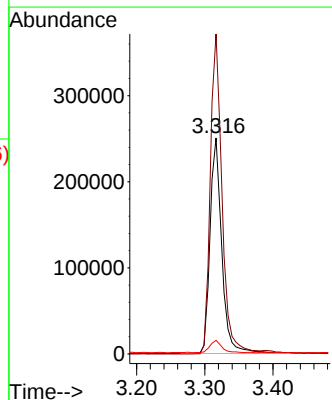
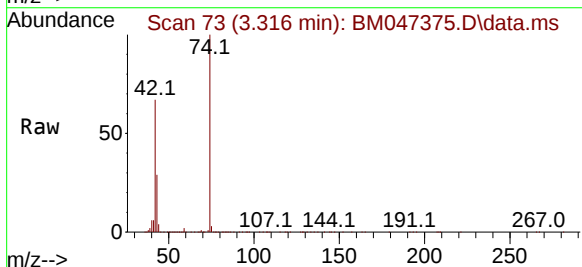
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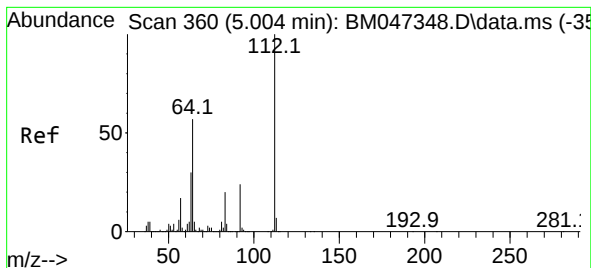
Tgt Ion: 79 Resp: 602401
 Ion Ratio Lower Upper
 79 100
 52 61.0 47.8 71.6
 51 30.8 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 44.338 ng
 RT: 3.316 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM047375.D
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Tgt Ion: 42 Resp: 300608
 Ion Ratio Lower Upper
 42 100
 74 148.2 119.2 178.8
 44 6.3 5.2 7.8

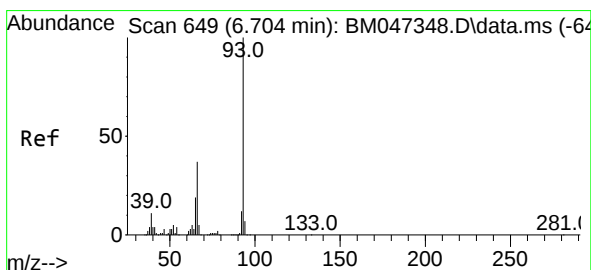
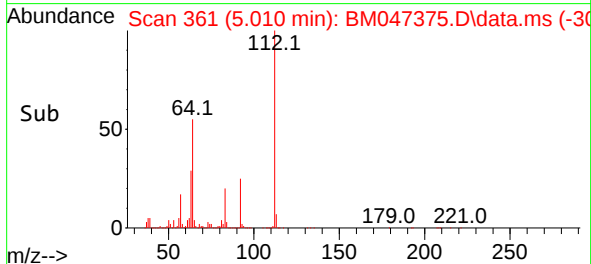
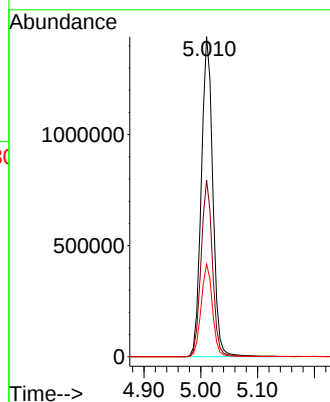
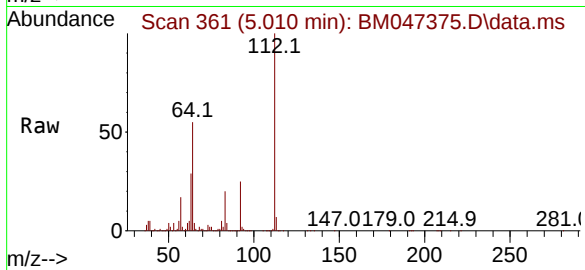




#5
2-Fluorophenol
Concen: 138.459 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047375.D
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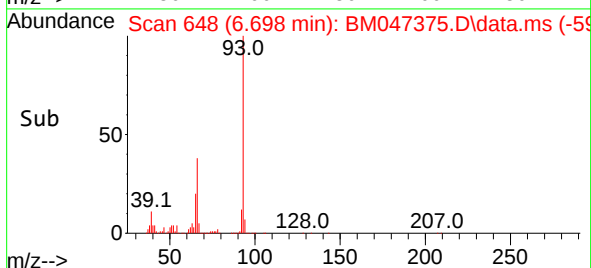
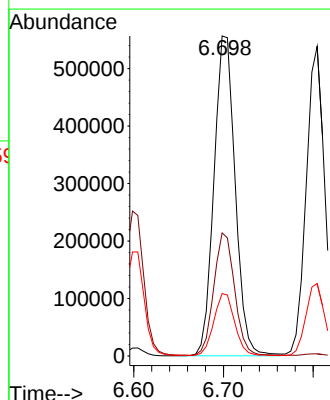
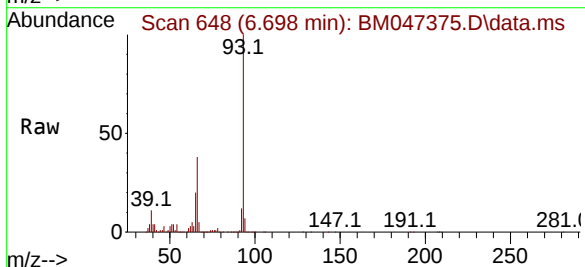
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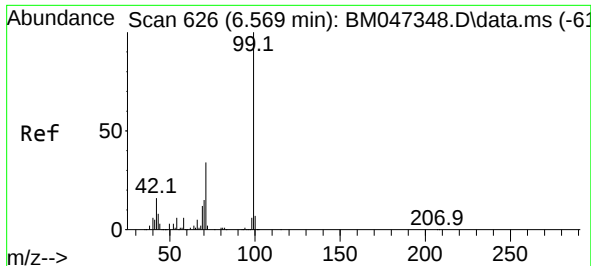
Tgt Ion:112 Resp: 2028982
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 28.9 23.8 35.8



#6
Aniline
Concen: 50.615 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047375.D
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Tgt Ion: 93 Resp: 915125
Ion Ratio Lower Upper
93 100
66 38.5 30.0 45.0
65 19.5 15.5 23.3

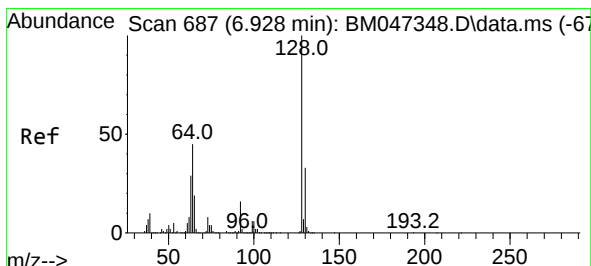
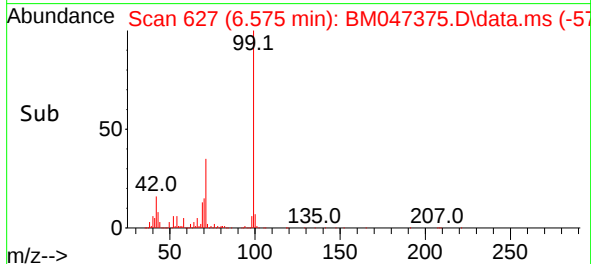
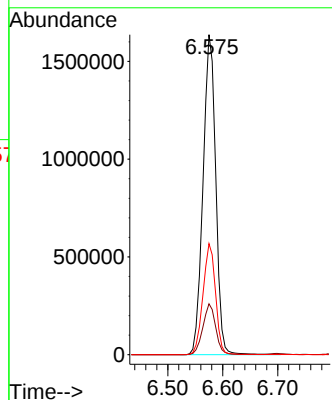
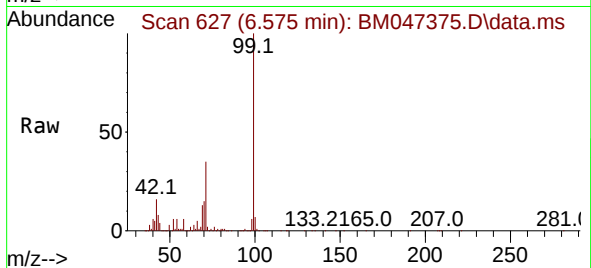




#7
Phenol-d6
Concen: 131.681 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047375.D
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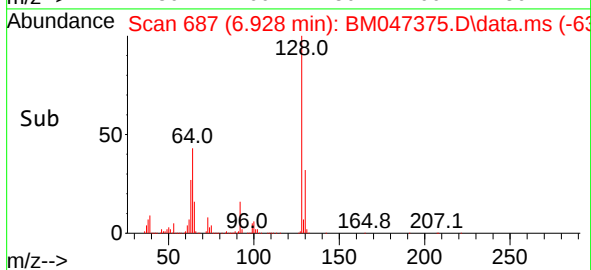
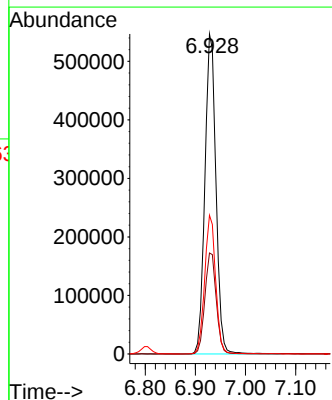
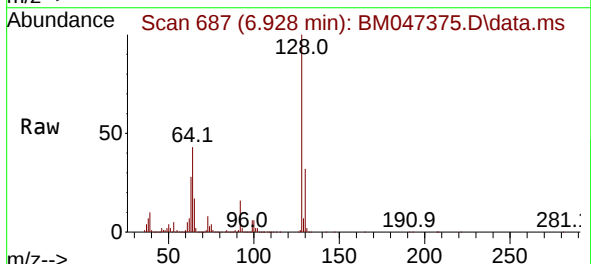
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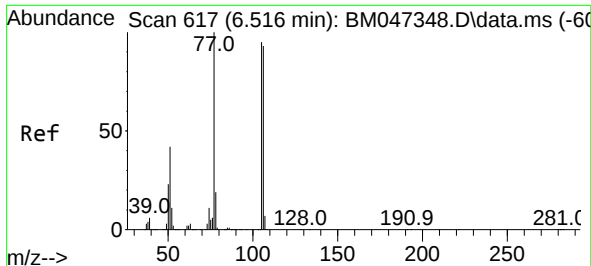
Tgt Ion: 99 Resp: 2628699
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 34.7 27.5 41.3



#8
2-Chlorophenol
Concen: 51.213 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 128 Resp: 839987
Ion Ratio Lower Upper
128 100
130 31.6 12.9 52.9
64 43.4 25.3 65.3

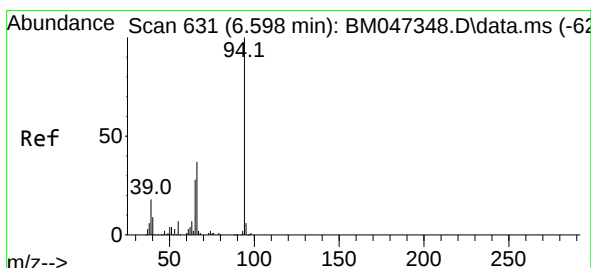
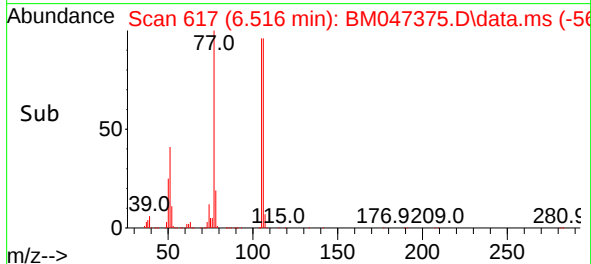
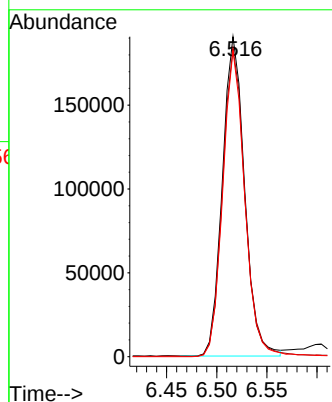
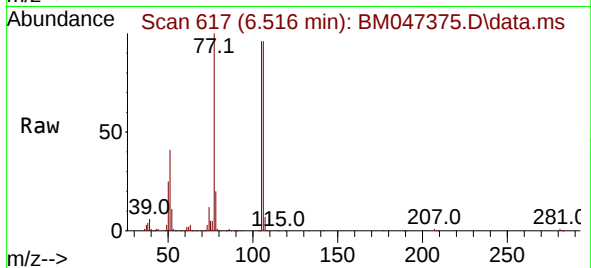




#9
Benzaldehyde
Concen: 25.079 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
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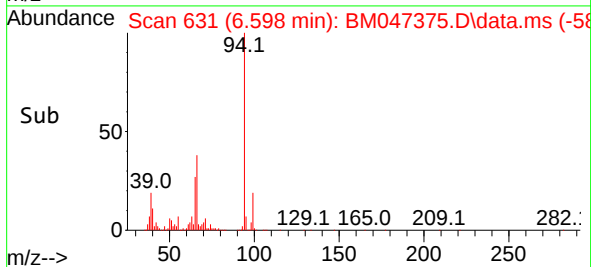
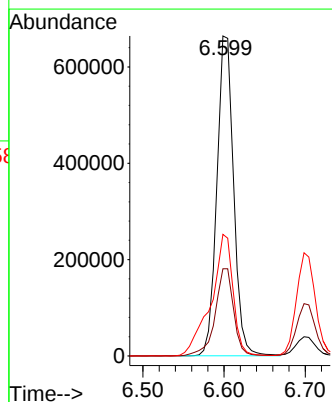
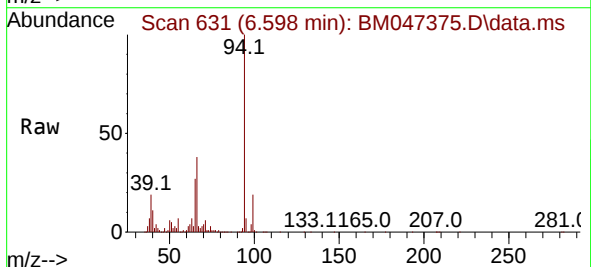
Instrument :
BNA_M
ClientSampleId :
PB163019BS

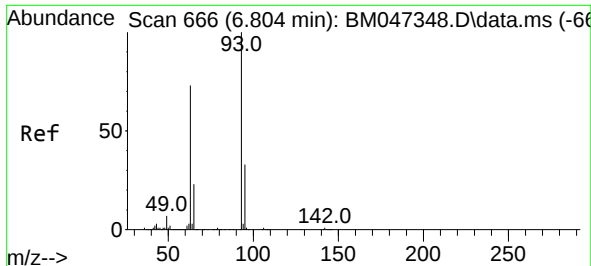
Tgt Ion: 77 Resp: 293086
Ion Ratio Lower Upper
77 100
105 96.3 74.9 114.9
106 95.6 72.6 112.6



#10
Phenol
Concen: 48.610 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 94 Resp: 954717
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 38.0 17.3 57.3

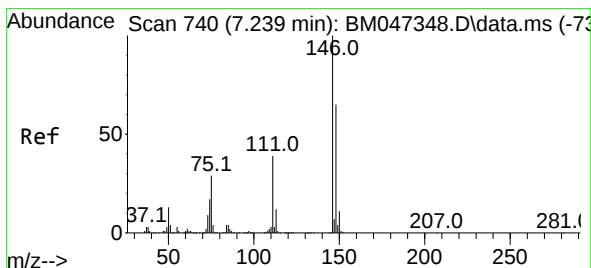
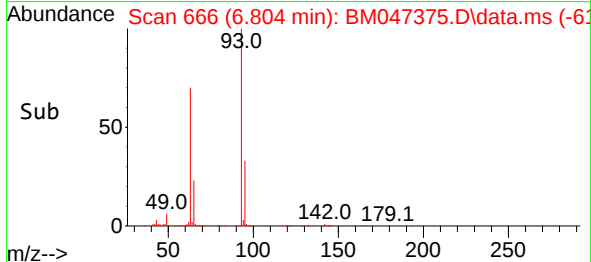
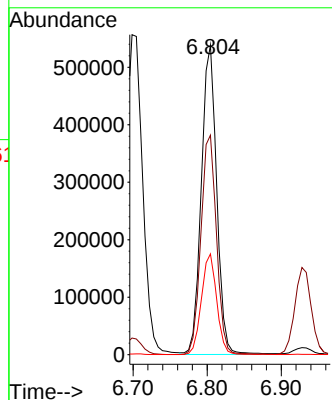
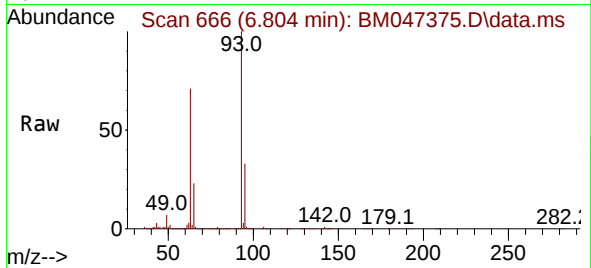




#11
bis(2-Chloroethyl)ether
Concen: 45.601 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

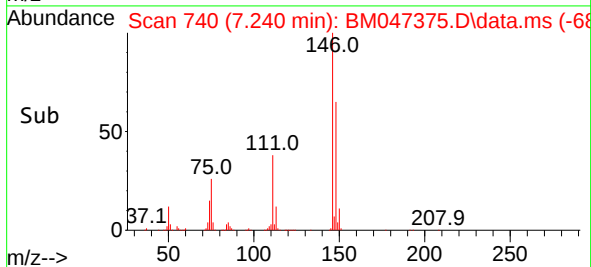
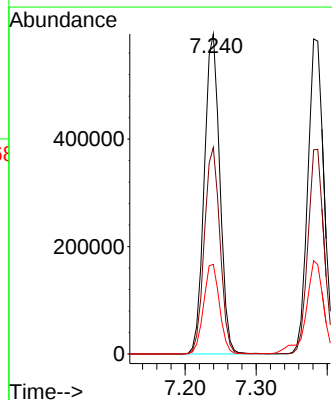
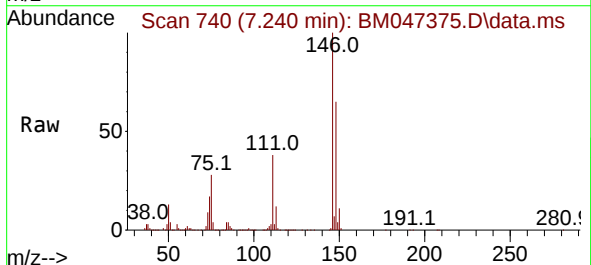
Instrument :
BNA_M
ClientSampleId :
PB163019BS

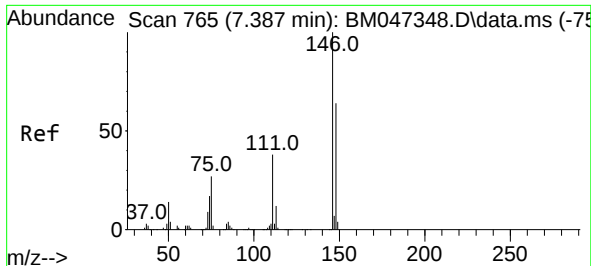
Tgt Ion: 93 Resp: 776141
Ion Ratio Lower Upper
93 100
63 70.9 52.2 92.2
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.273 ng
RT: 7.240 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 146 Resp: 908039
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
75 28.0 23.3 34.9

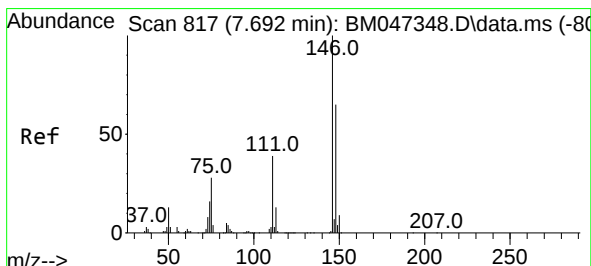
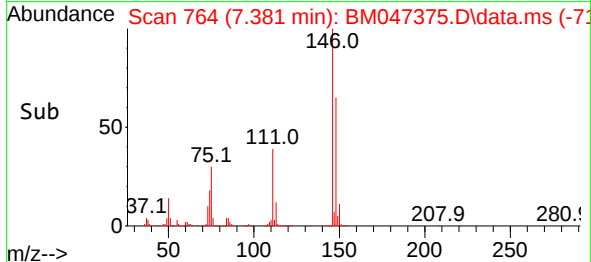
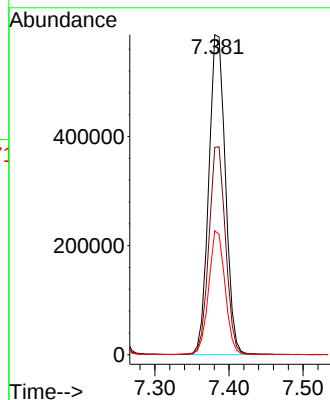
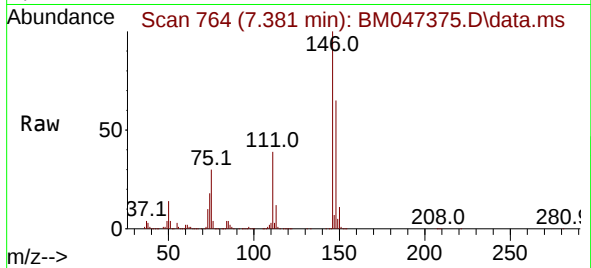




#13
1,4-Dichlorobenzene
Concen: 45.070 ng
RT: 7.381 min Scan# 764
Delta R.T. -0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

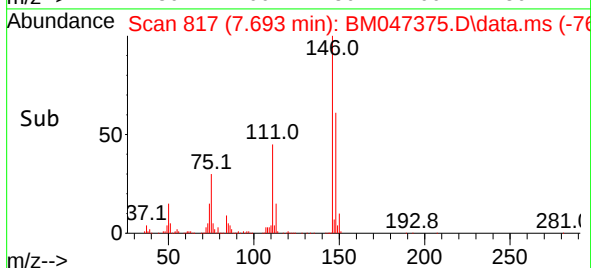
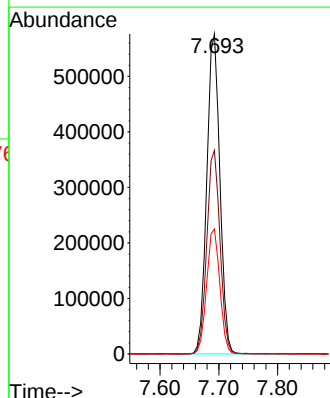
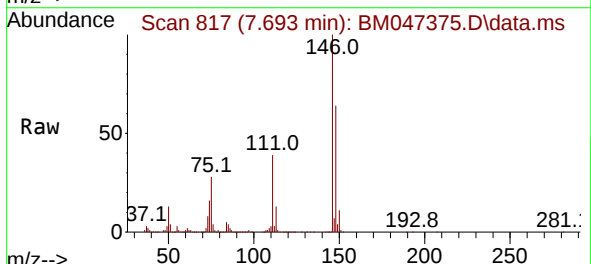
Instrument :
BNA_M
ClientSampleId :
PB163019BS

Tgt Ion:146 Resp: 915489
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 38.7 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 46.411 ng
RT: 7.693 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:146 Resp: 893405
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 39.0 31.7 47.5

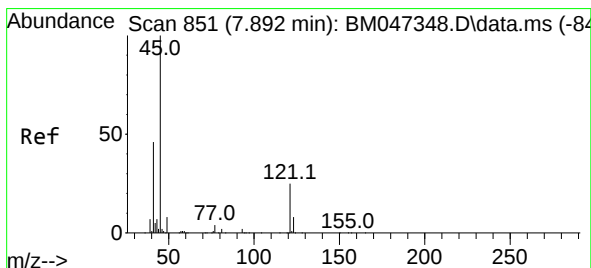
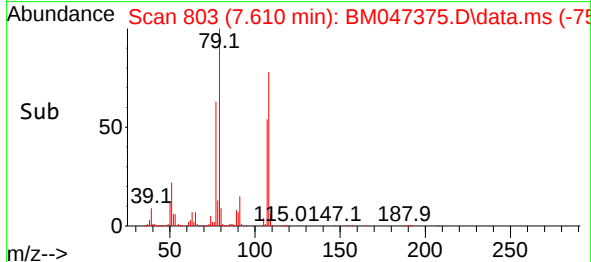
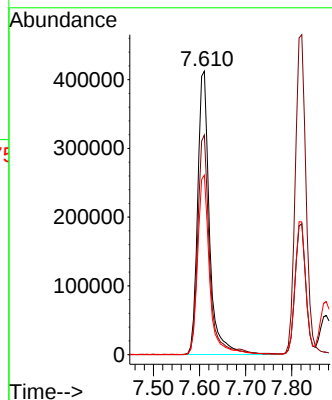
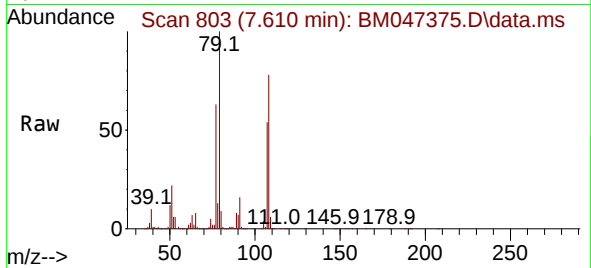




#15
Benzyl Alcohol
Concen: 53.204 ng
RT: 7.610 min Scan# 802
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

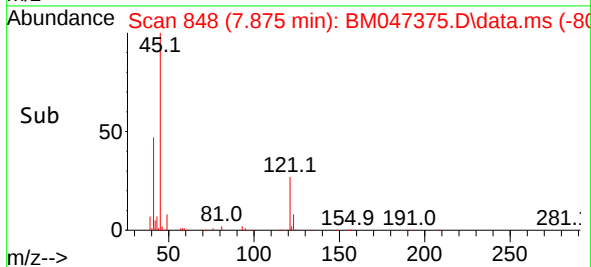
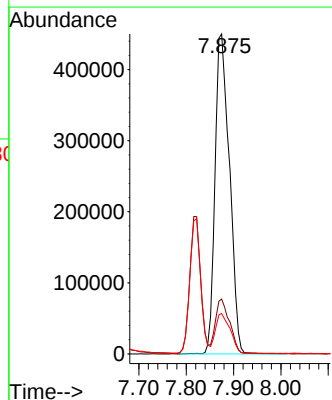
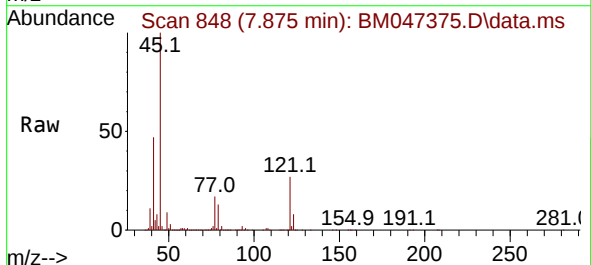
Instrument :
BNA_M
ClientSampleId :
PB163019BS

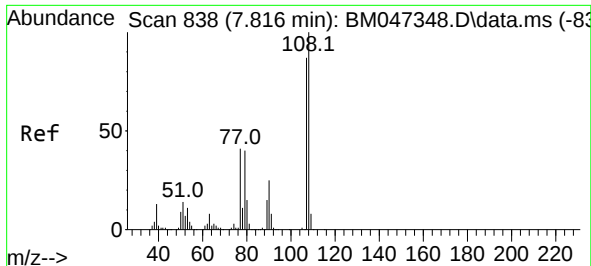
Tgt Ion: 79 Resp: 736323
Ion Ratio Lower Upper
79 100
108 77.5 61.1 91.7
77 63.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.762 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.018 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 45 Resp: 954325
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.7
79 12.7 0.0 33.0





#17

2-Methylphenol

Concen: 49.203 ng

RT: 7.816 min Scan# 838

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

Tgt Ion:107 Resp: 671403

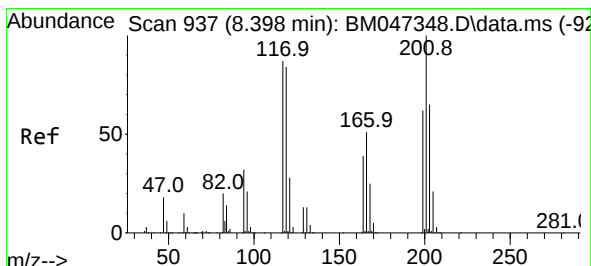
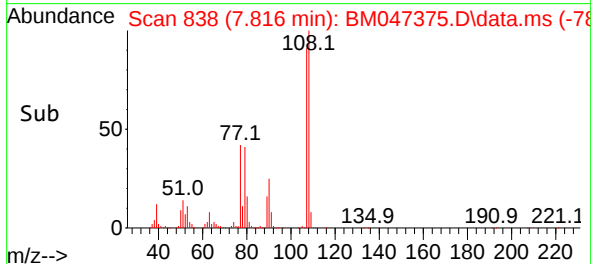
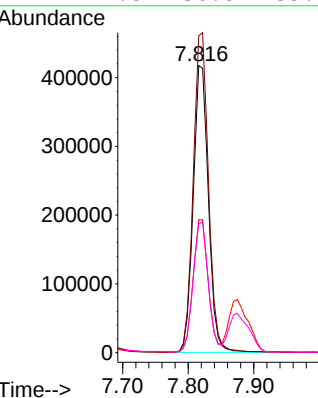
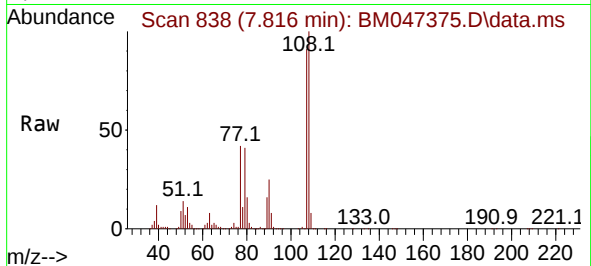
Ion Ratio Lower Upper

107 100

108 110.4 91.6 137.4

77 46.3 38.0 57.0

79 44.8 36.8 55.2



#18

Hexachloroethane

Concen: 46.087 ng

RT: 8.398 min Scan# 937

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

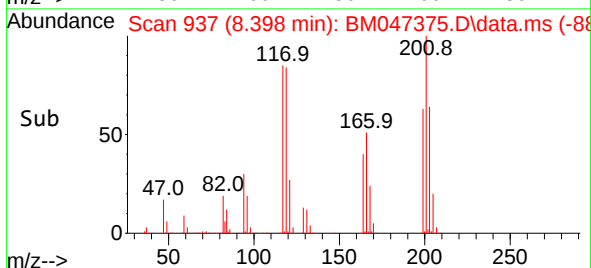
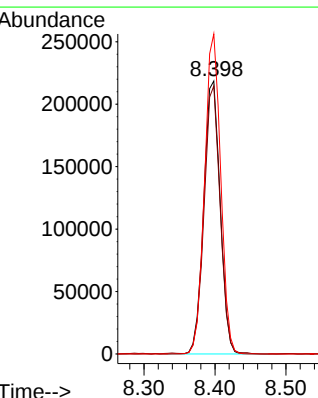
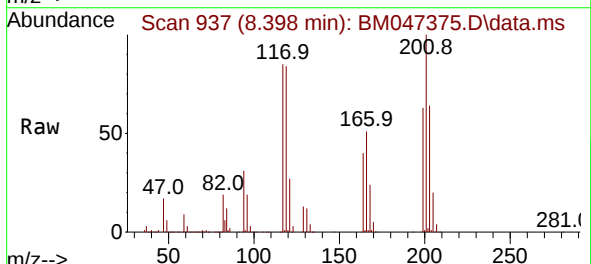
Tgt Ion:117 Resp: 349949

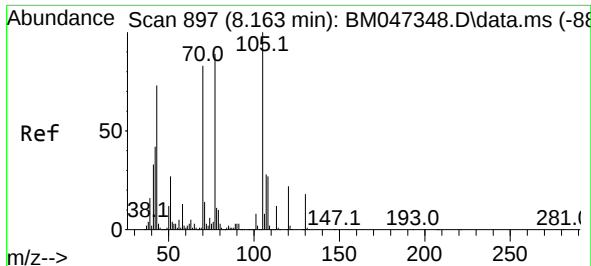
Ion Ratio Lower Upper

117 100

119 98.2 77.8 116.8

201 117.2 92.3 138.5



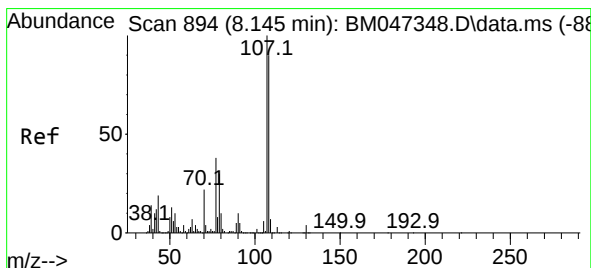
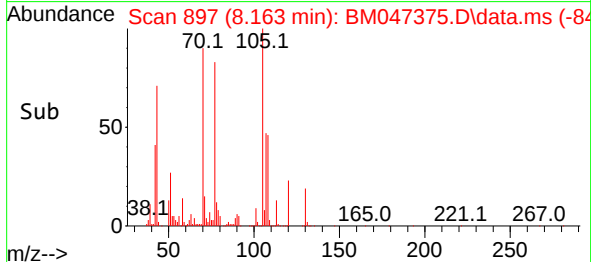
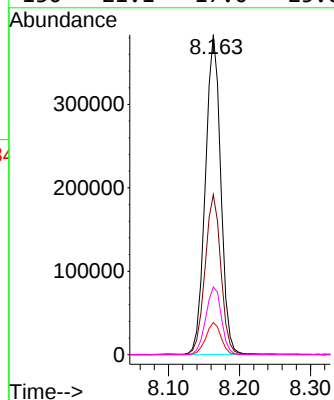
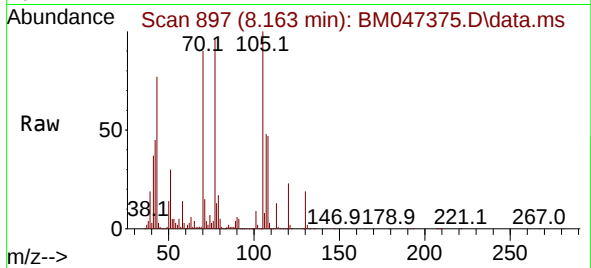


#19
n-Nitroso-di-n-propylamine
Concen: 42.097 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB163019BS

Tgt Ion: 70 Resp: 577672

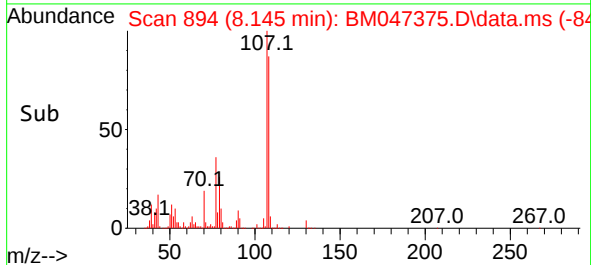
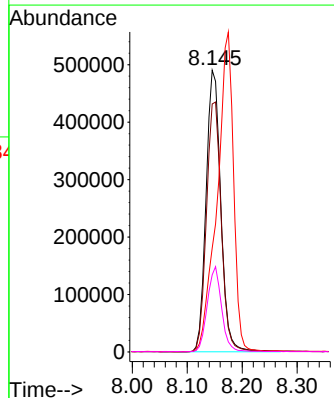
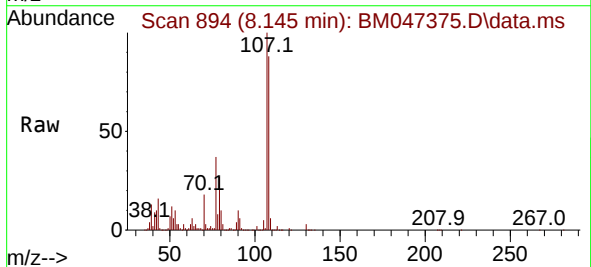
Ion	Ratio	Lower	Upper
70	100		
42	50.0	41.0	61.4
101	10.1	7.9	11.9
130	21.1	17.0	25.6

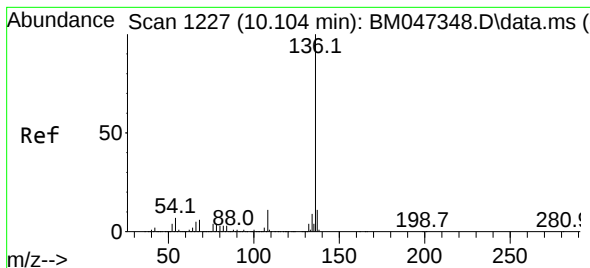


#20
3+4-Methylphenols
Concen: 47.967 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 107 Resp: 910061

Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.8	109.8
77	36.8	18.0	58.0
79	27.3	9.8	49.8

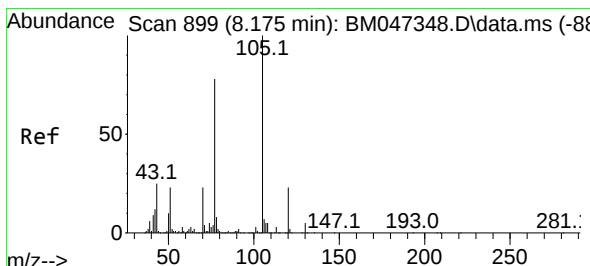
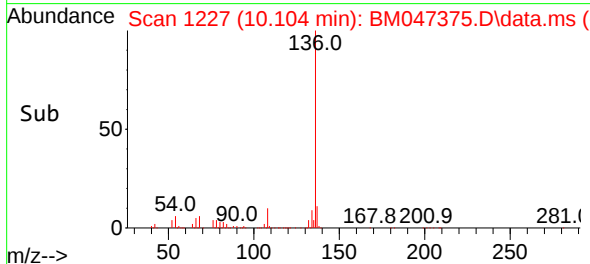
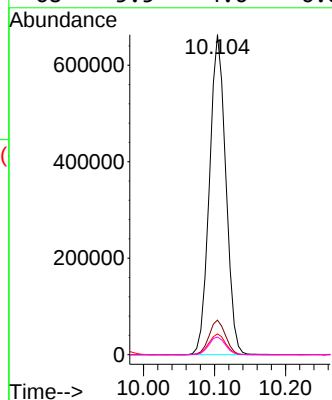
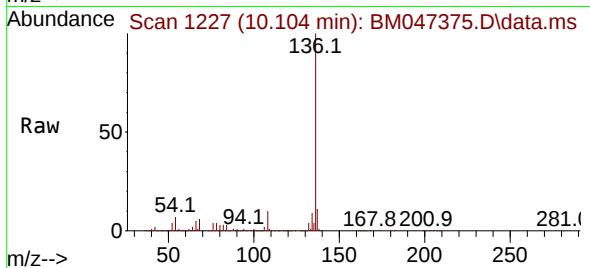




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

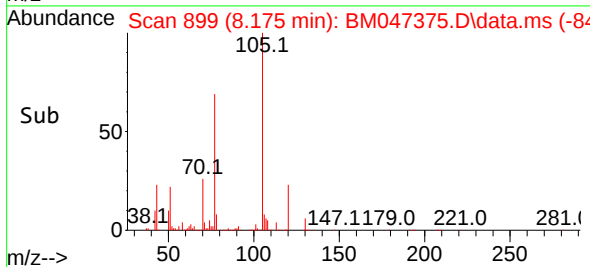
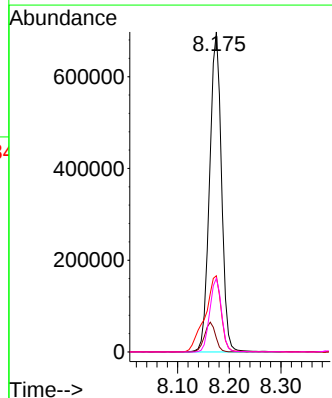
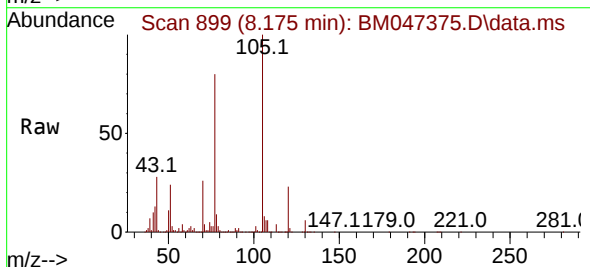
Instrument :
BNA_M
ClientSampleId :
PB163019BS

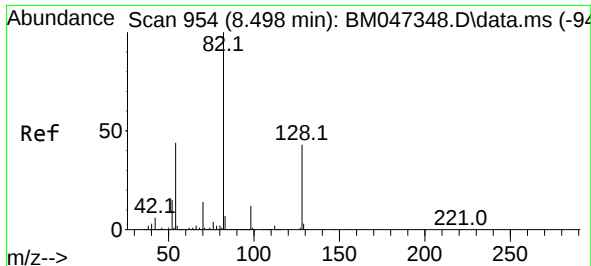
Tgt Ion:136 Resp: 1059844
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.2 7.8
68 5.5 4.6 6.8



#22
Acetophenone
Concen: 45.199 ng
RT: 8.175 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:105 Resp: 1111751
Ion Ratio Lower Upper
105 100
71 4.3 3.1 4.7
51 23.8 18.7 28.1
120 23.0 18.4 27.6

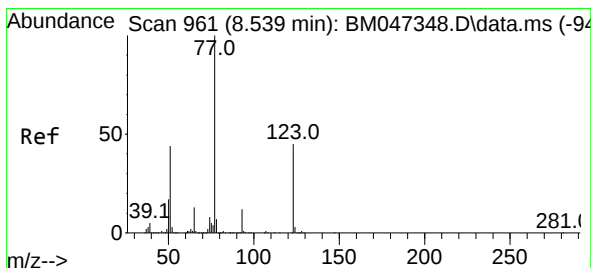
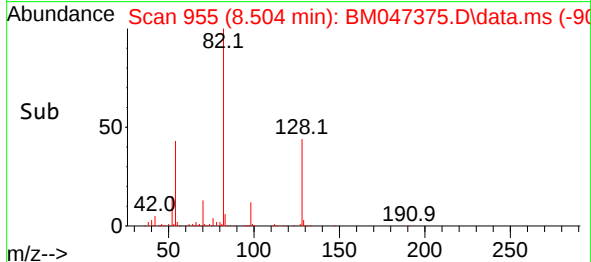
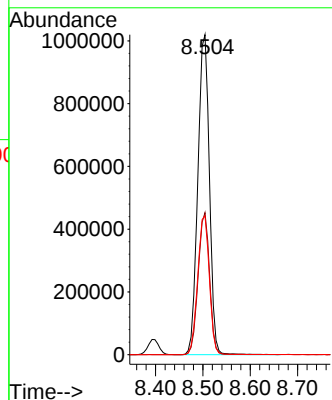
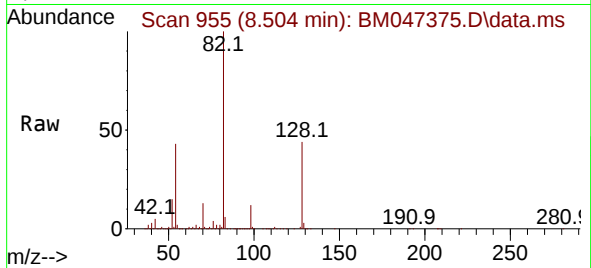




#23
Nitrobenzene-d5
Concen: 90.585 ng
RT: 8.504 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

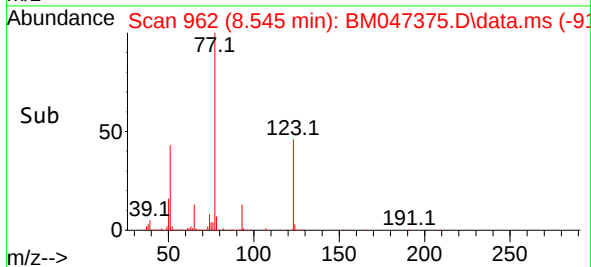
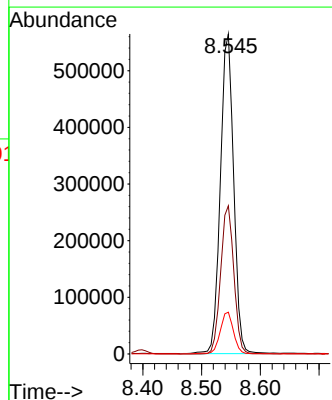
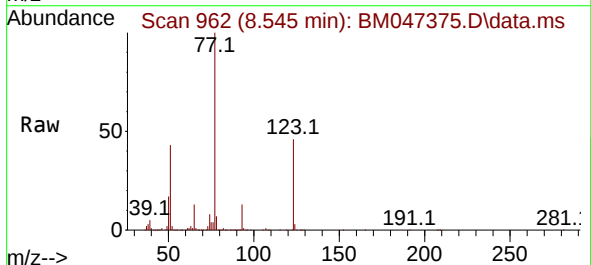
Instrument :
BNA_M
ClientSampleId :
PB163019BS

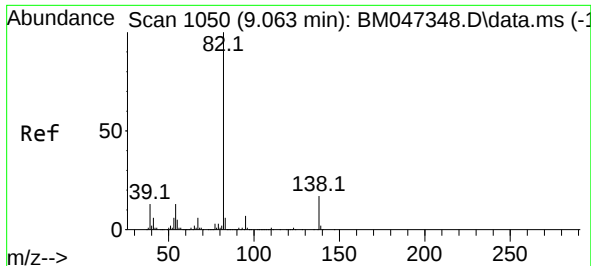
Tgt Ion: 82 Resp: 1730275
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 43.4 35.5 53.3



#24
Nitrobenzene
Concen: 45.111 ng
RT: 8.545 min Scan# 962
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 77 Resp: 886215
Ion Ratio Lower Upper
77 100
123 46.3 35.6 53.4
65 13.1 10.5 15.7

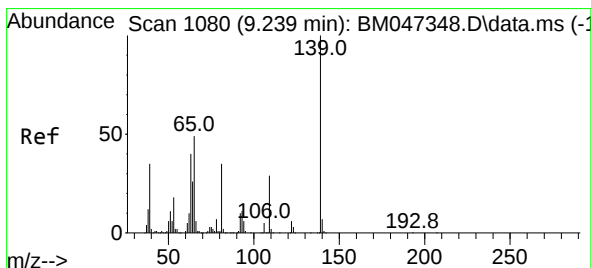
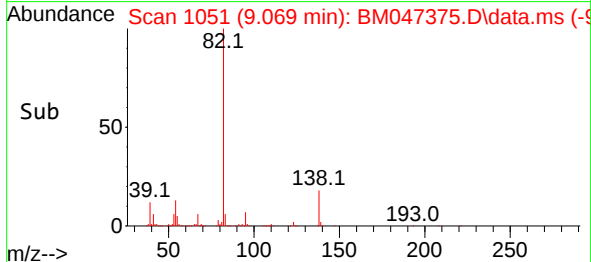
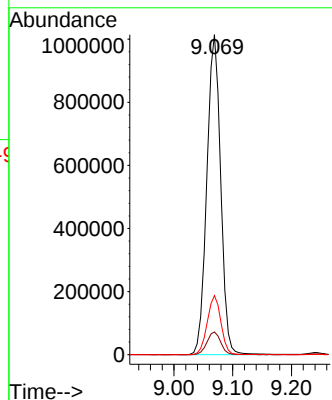
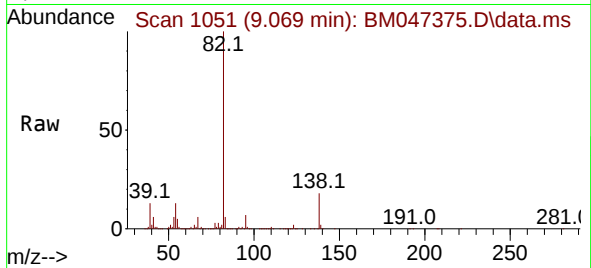




#25
Isophorone
Concen: 45.867 ng
RT: 9.069 min Scan# 1051
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

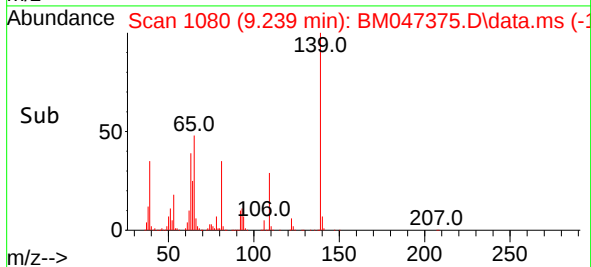
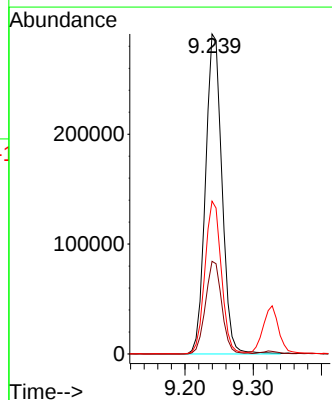
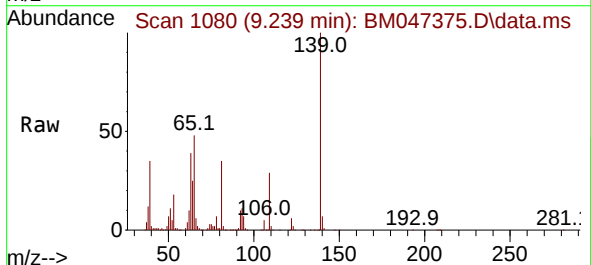
Instrument :
BNA_M
ClientSampleId :
PB163019BS

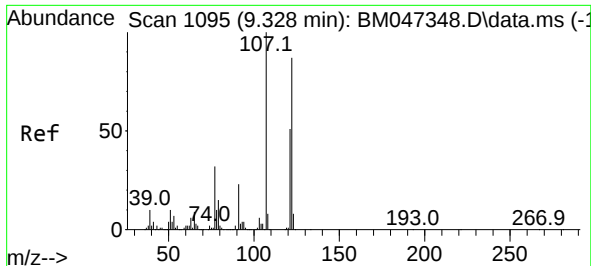
Tgt Ion: 82 Resp: 1655848
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 50.622 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:139 Resp: 489169
Ion Ratio Lower Upper
139 100
109 28.9 23.4 35.0
65 47.8 39.6 59.4

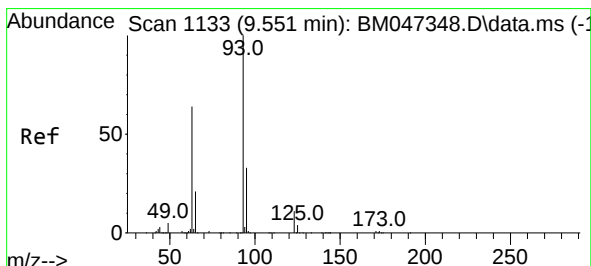
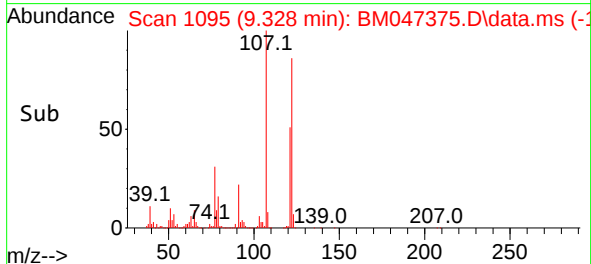
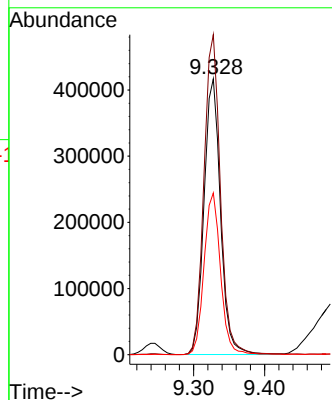
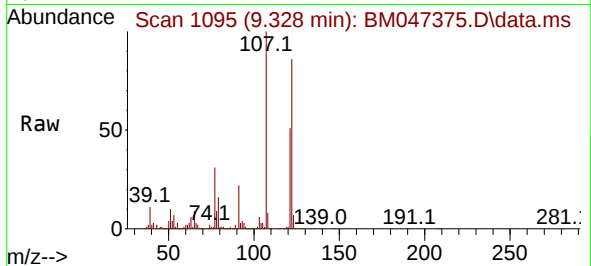




#27
2,4-Dimethylphenol
Concen: 61.658 ng
RT: 9.328 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

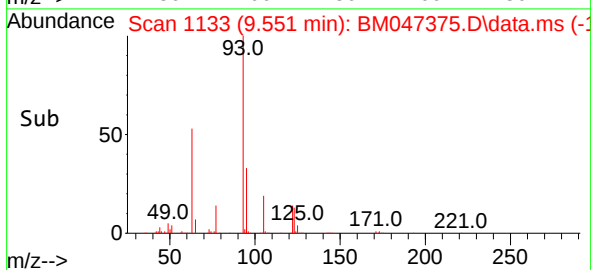
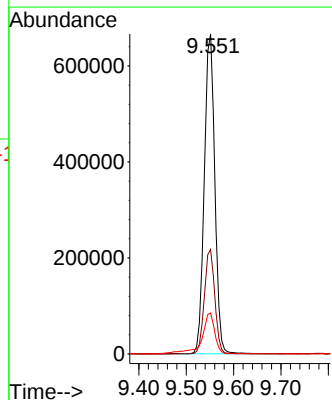
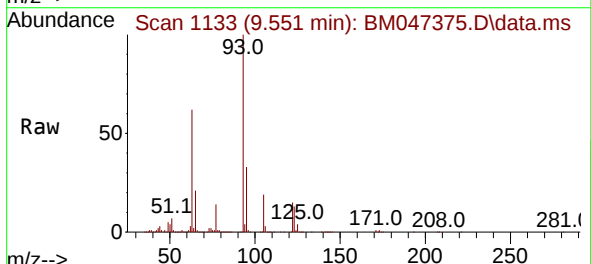
Instrument :
BNA_M
ClientSampleId :
PB163019BS

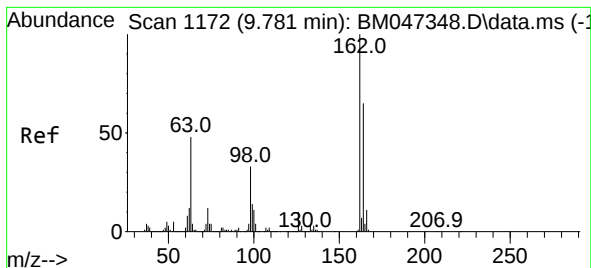
Tgt Ion:122 Resp: 672529
Ion Ratio Lower Upper
122 100
107 116.0 91.9 137.9
121 58.7 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.572 ng
RT: 9.551 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 93 Resp: 1029577
Ion Ratio Lower Upper
93 100
95 32.7 26.6 39.8
123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 52.881 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

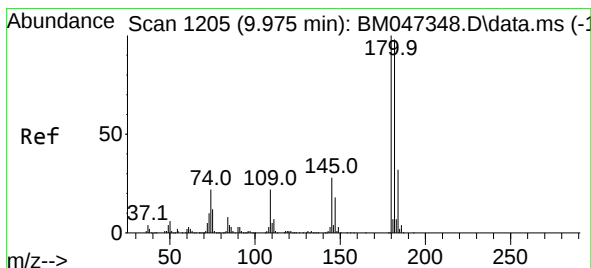
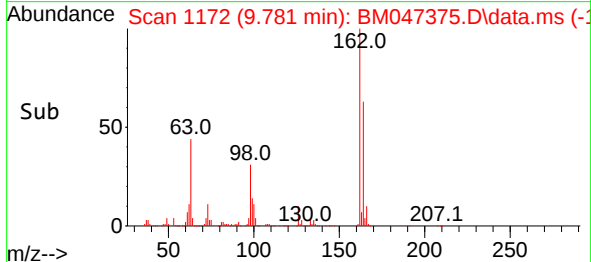
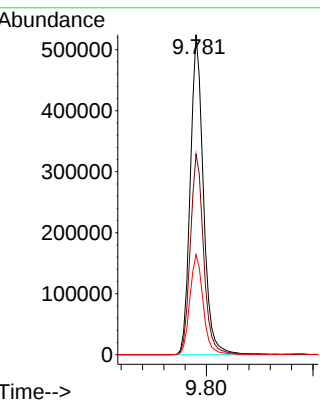
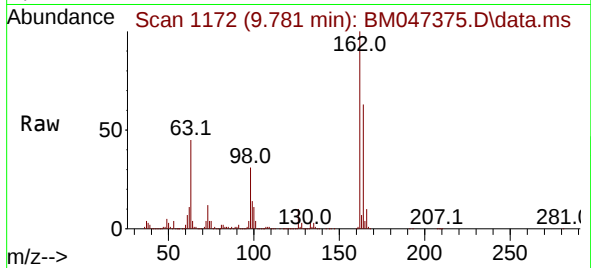
Tgt Ion:162 Resp: 894739

Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

98 31.2 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 45.641 ng

RT: 9.975 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

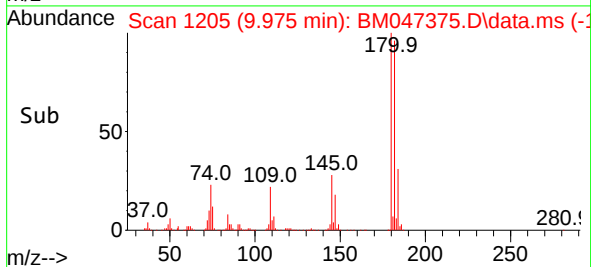
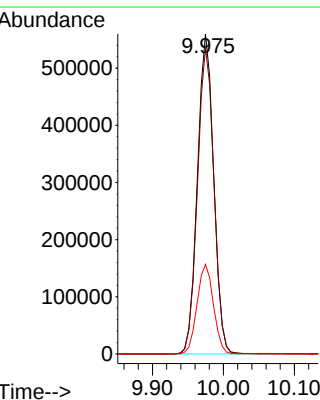
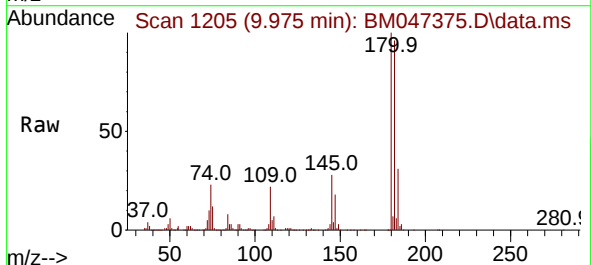
Tgt Ion:180 Resp: 891970

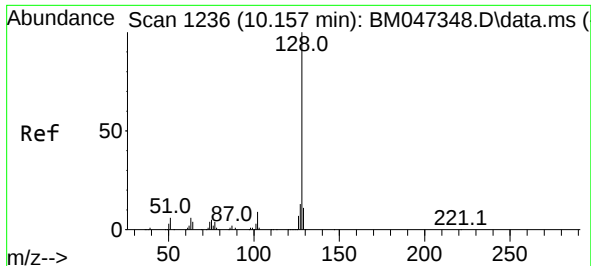
Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

145 28.0 22.3 33.5

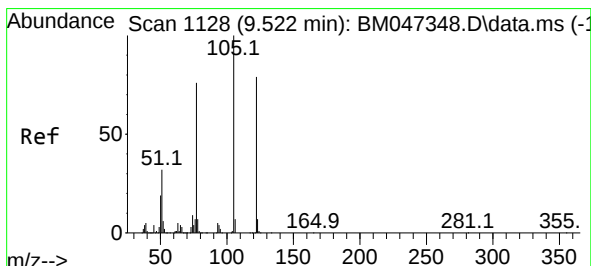
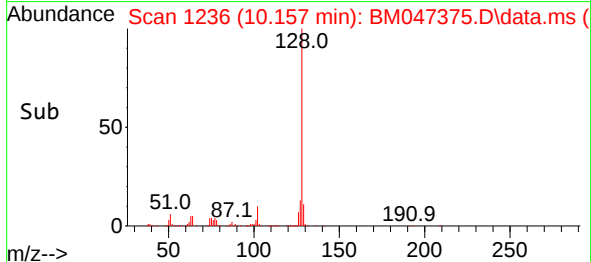
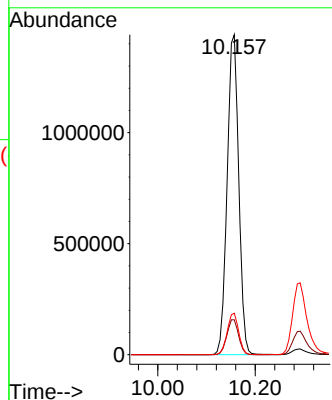
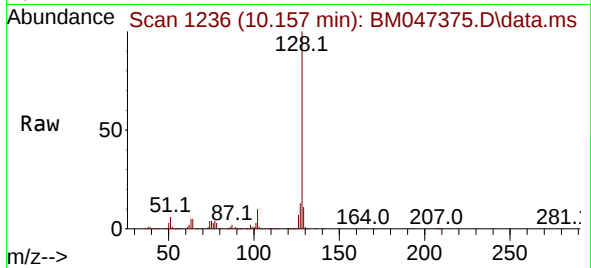




#31
Naphthalene
Concen: 46.131 ng
RT: 10.157 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

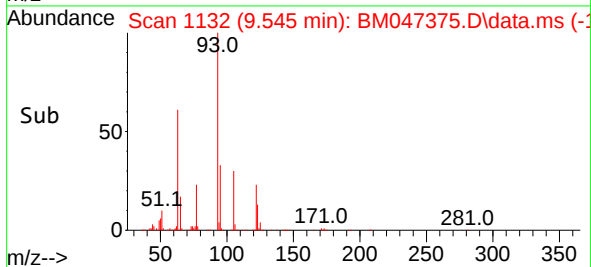
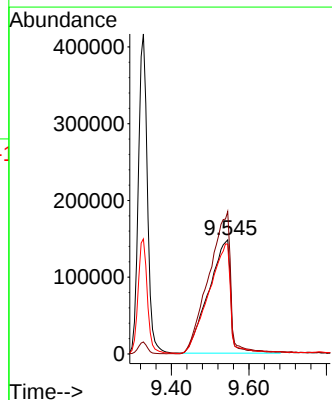
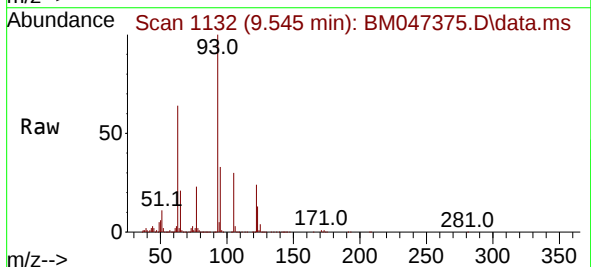
Instrument :
BNA_M
ClientSampleId :
PB163019BS

Tgt Ion:128 Resp: 2387972
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 44.930 ng
RT: 9.545 min Scan# 1132
Delta R.T. 0.023 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:122 Resp: 585197
Ion Ratio Lower Upper
122 100
105 124.8 106.0 146.0
77 96.1 76.3 116.3

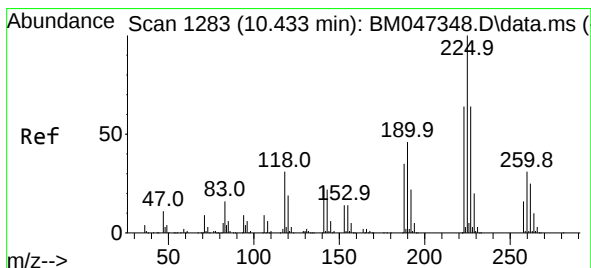
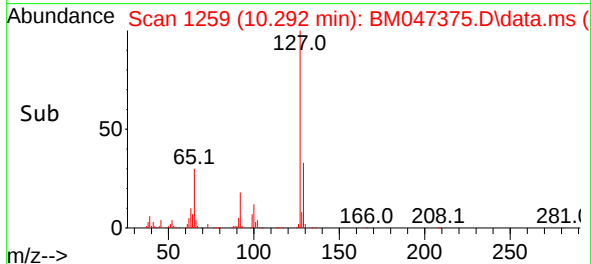
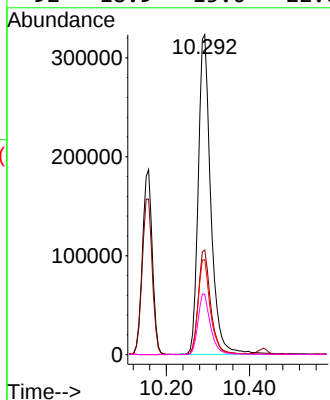
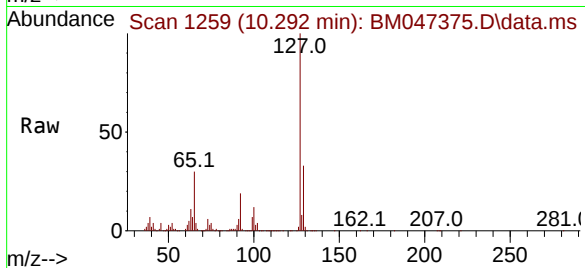




#33
4-Chloroaniline
Concen: 35.197 ng
RT: 10.292 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

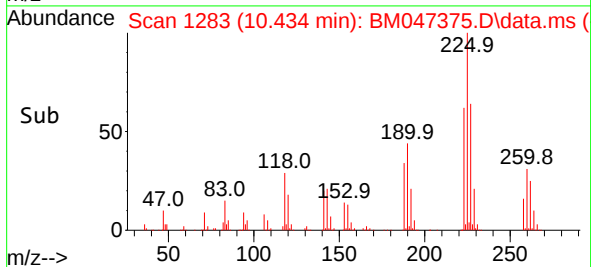
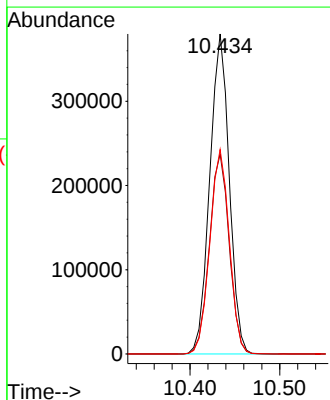
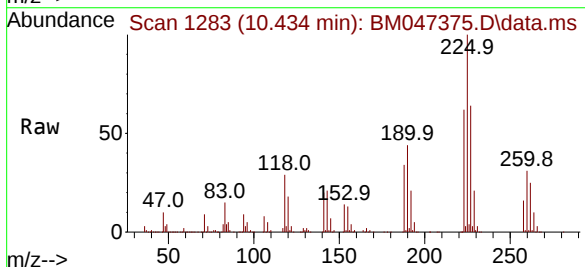
Instrument :
BNA_M
ClientSampleId :
PB163019BS

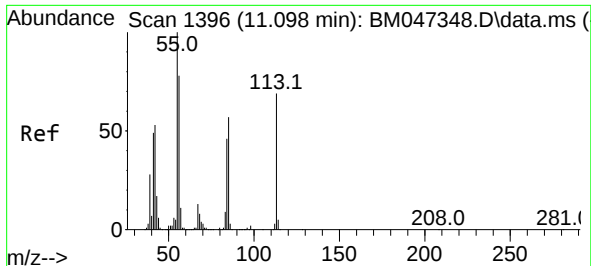
Tgt Ion:	127	Resp:	677459
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	29.7	24.2	36.2
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 46.844 ng
RT: 10.434 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:	225	Resp:	571744
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	63.9	51.0	76.6

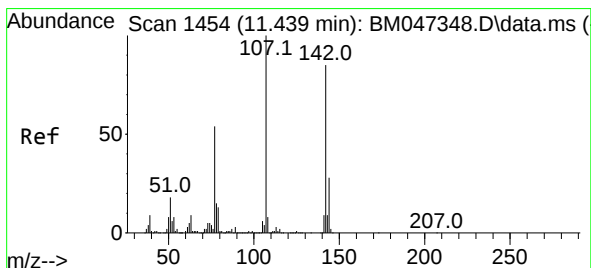
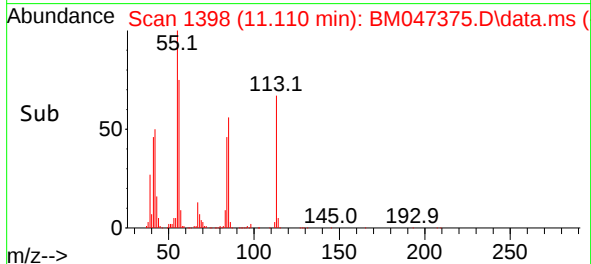
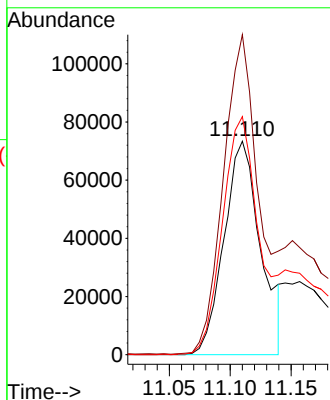
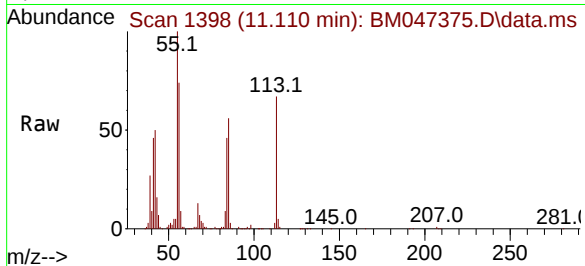




#35
 Caprolactam
 Concen: 27.997 ng
 RT: 11.110 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

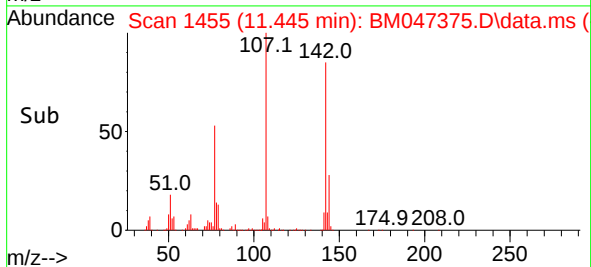
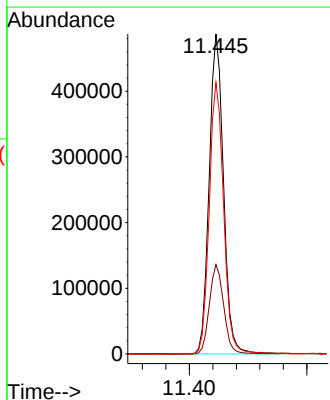
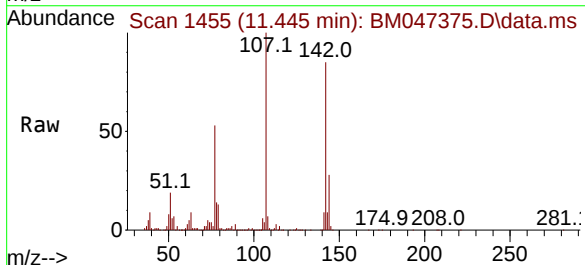
Instrument :
 BNA_M
 ClientSampleId :
 PB163019BS

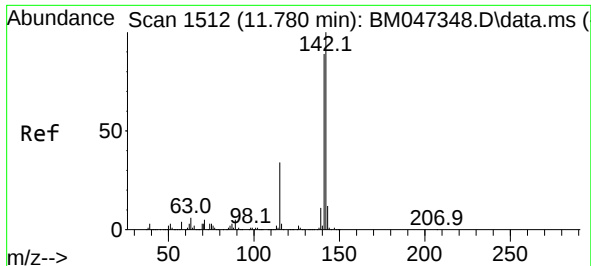
Tgt Ion:113 Resp: 153456
 Ion Ratio Lower Upper
 113 100
 55 150.0 126.2 166.2
 56 111.5 93.2 133.2



#36
 4-Chloro-3-methylphenol
 Concen: 48.096 ng
 RT: 11.445 min Scan# 1455
 Delta R.T. 0.006 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

Tgt Ion:107 Resp: 826397
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.2 33.4
 142 84.8 67.7 101.5





#37

2-Methylnaphthalene

Concen: 46.690 ng

RT: 11.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

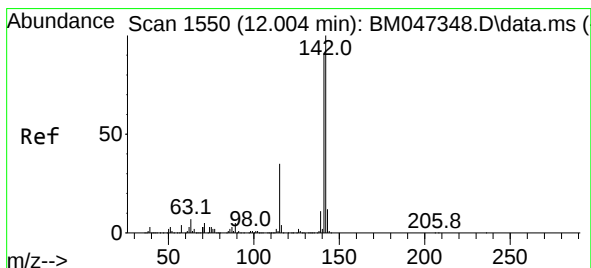
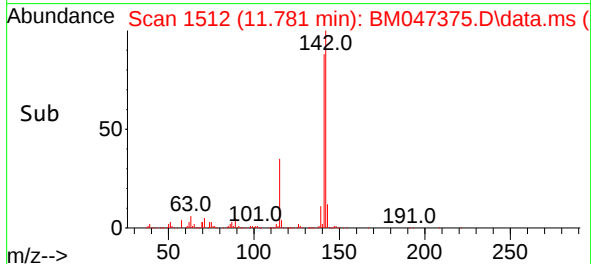
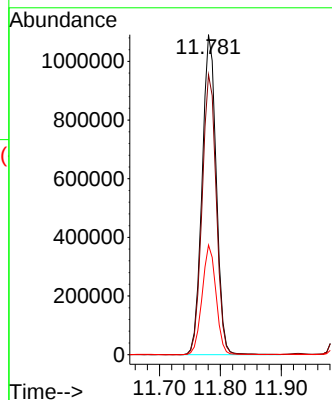
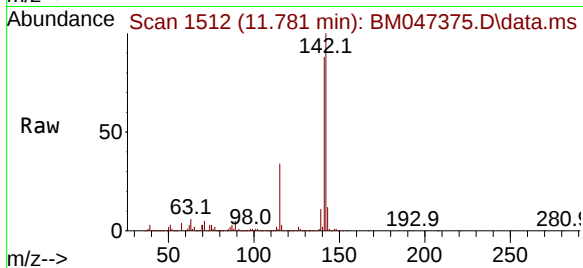
Tgt Ion:142 Resp: 1762255

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

115 34.3 27.5 41.3



#38

1-Methylnaphthalene

Concen: 43.814 ng

RT: 12.010 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

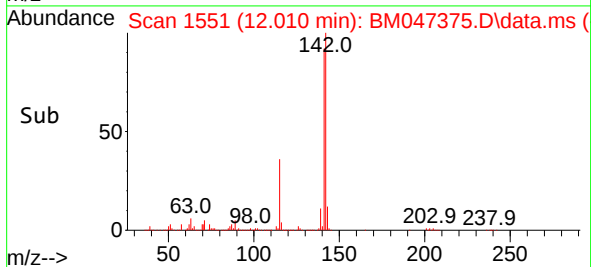
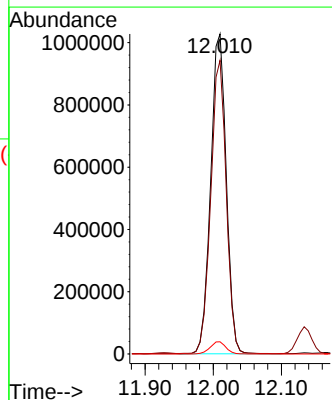
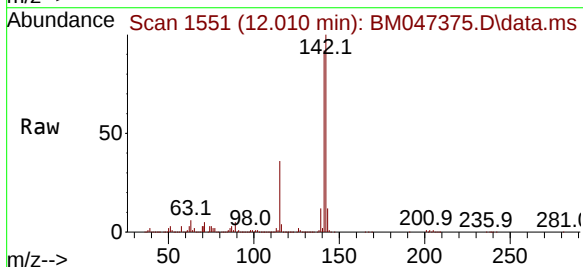
Tgt Ion:142 Resp: 1635521

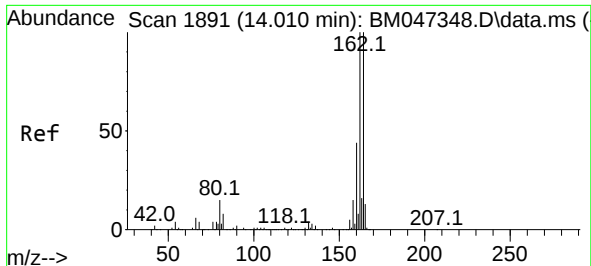
Ion Ratio Lower Upper

142 100

141 91.8 72.9 109.3

116 3.8 3.0 4.6

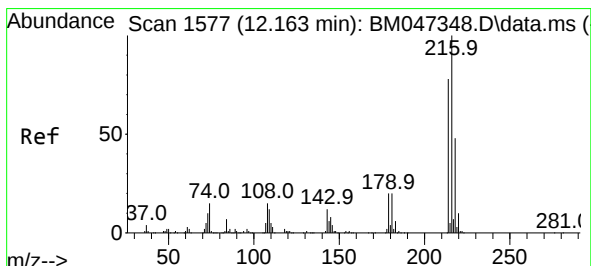
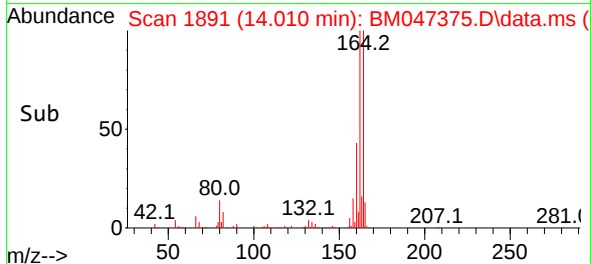
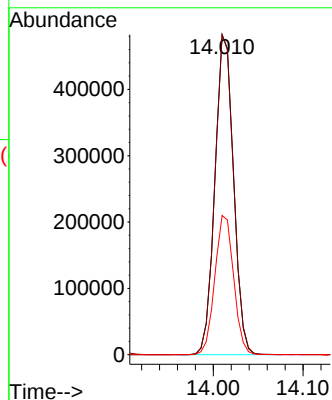
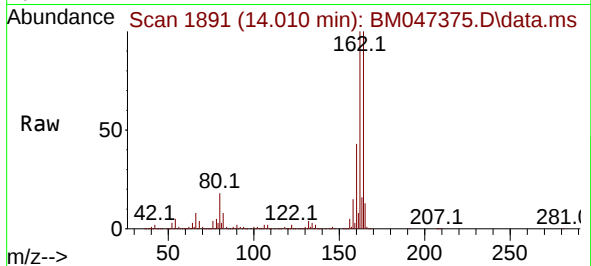




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

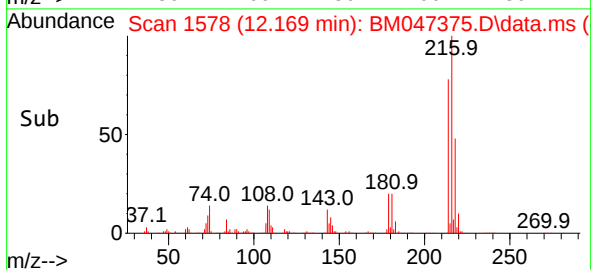
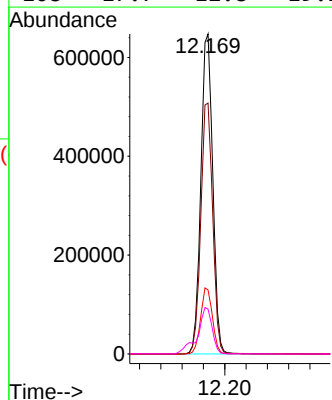
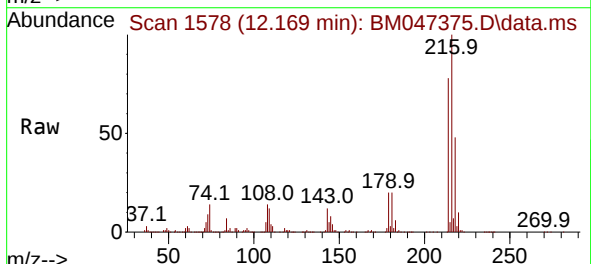
Instrument :
BNA_M
ClientSampleId :
PB163019BS

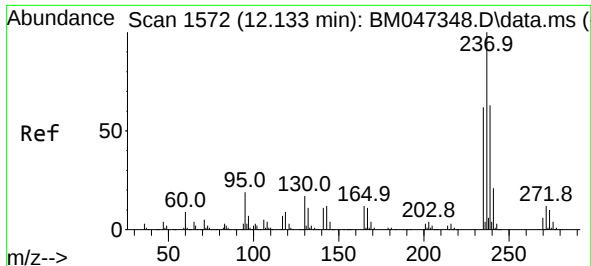
Tgt Ion:164 Resp: 695266
Ion Ratio Lower Upper
164 100
162 100.0 79.7 119.5
160 43.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.730 ng
RT: 12.169 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

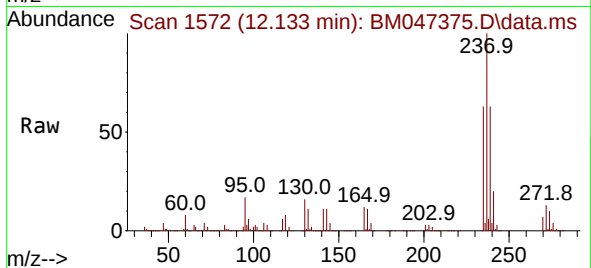
Tgt Ion:216 Resp: 1003260
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 20.5 16.6 24.8
108 17.7 12.8 19.2



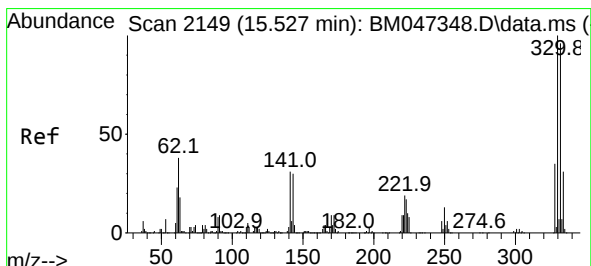
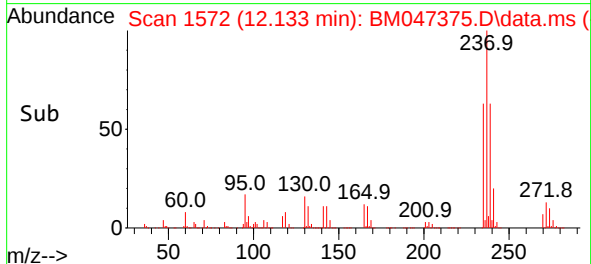
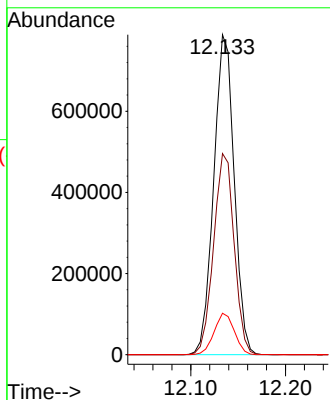


#41
Hexachlorocyclopentadiene
Concen: 182.182 ng
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB163019BS

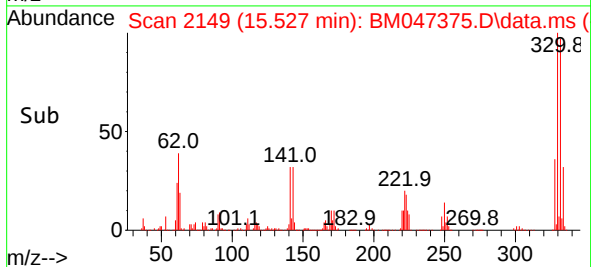
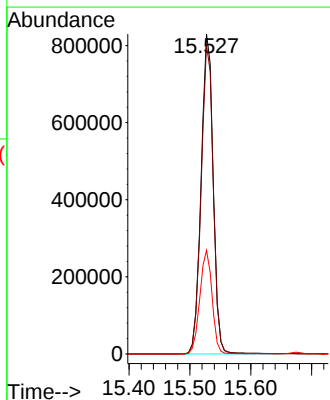
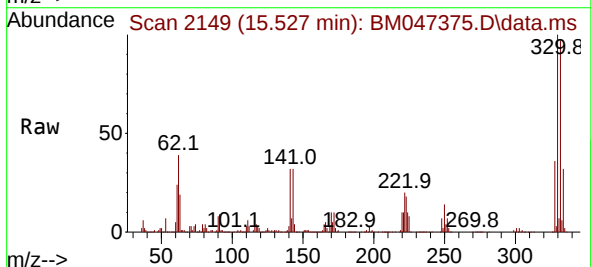


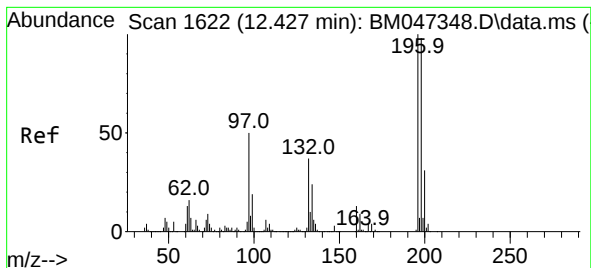
Tgt Ion:237 Resp: 1183770
Ion Ratio Lower Upper
237 100
235 62.8 42.1 82.1
272 13.0 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 136.736 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:330 Resp: 1146980
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 32.8 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 51.607 ng

RT: 12.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

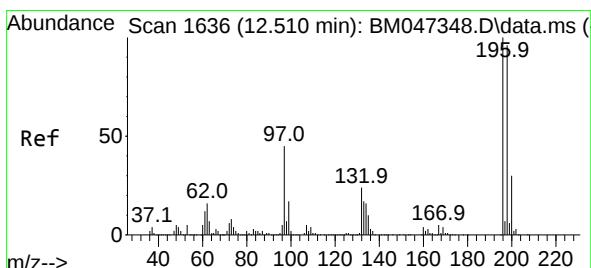
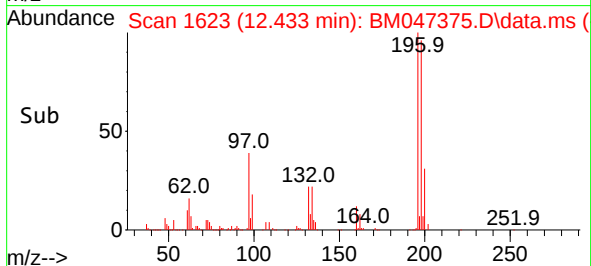
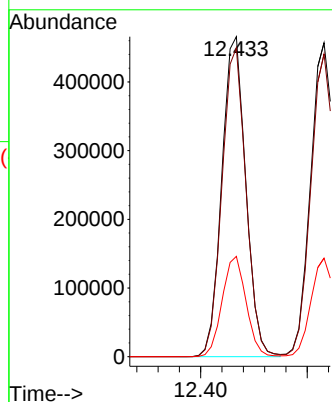
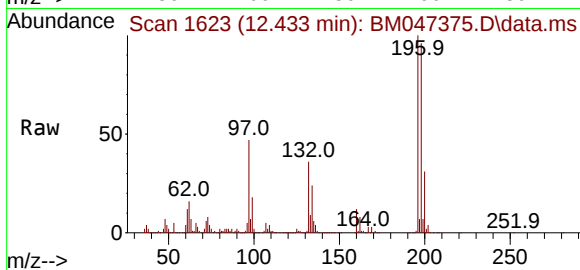
Tgt Ion:196 Resp: 728355

Ion Ratio Lower Upper

196 100

198 96.5 78.2 117.2

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 49.942 ng

RT: 12.516 min Scan# 1637

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Tgt Ion:196 Resp: 782786

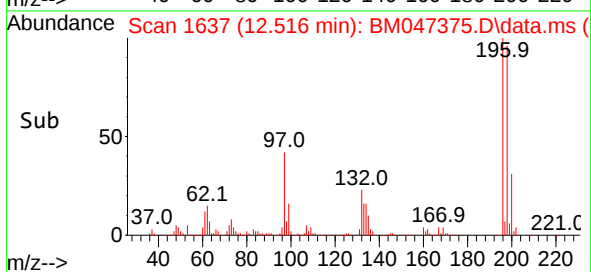
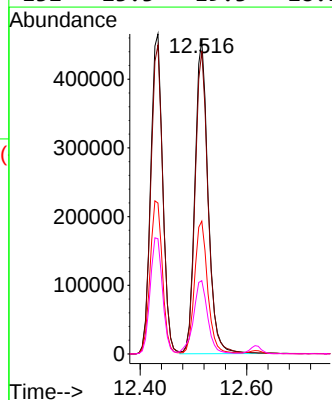
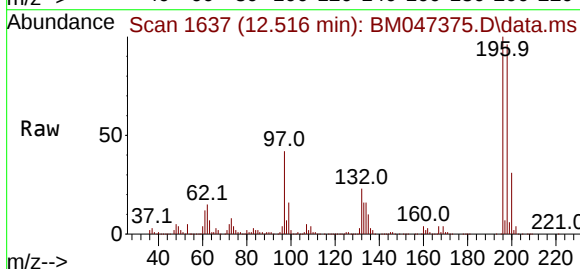
Ion Ratio Lower Upper

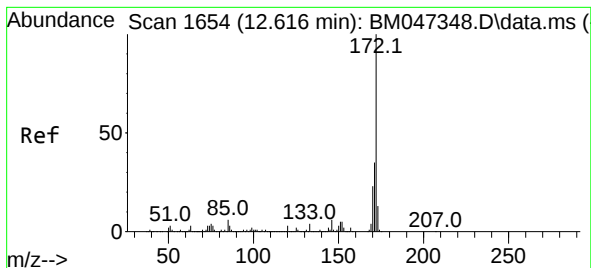
196 100

198 96.4 76.6 115.0

97 42.3 35.9 53.9

132 23.3 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 91.895 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

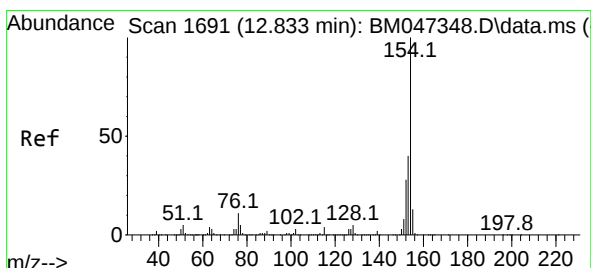
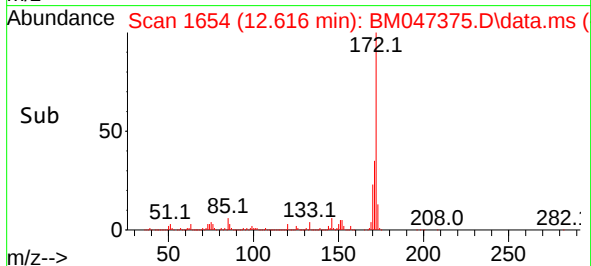
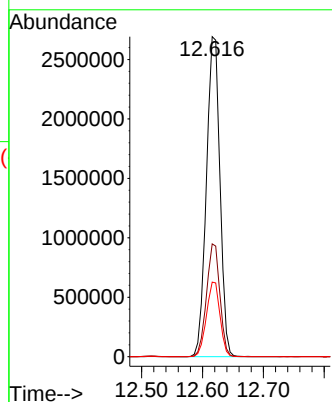
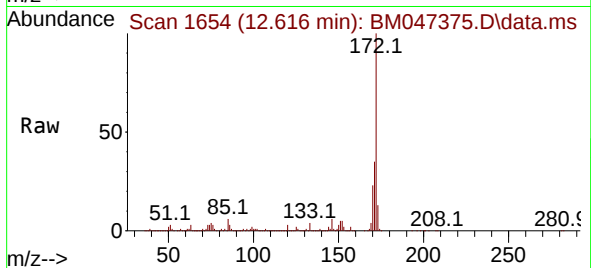
Tgt Ion:172 Resp: 4158234

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 47.229 ng

RT: 12.833 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

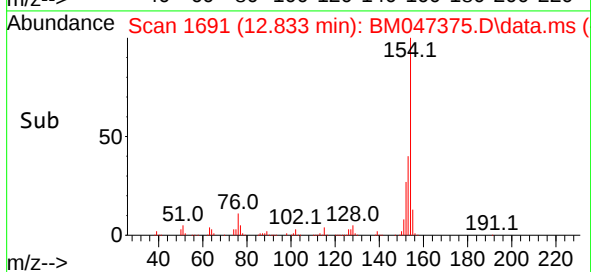
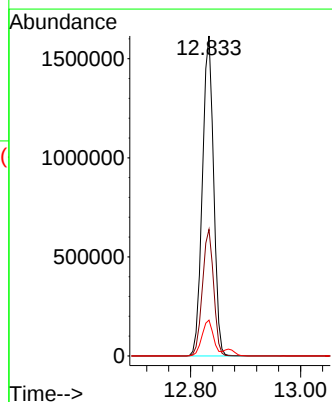
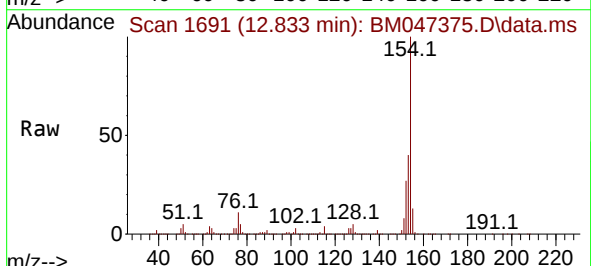
Tgt Ion:154 Resp: 2292818

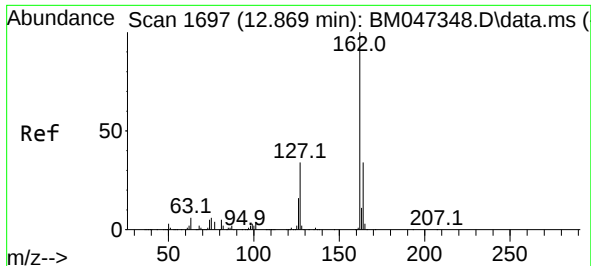
Ion Ratio Lower Upper

154 100

153 39.5 20.1 60.1

76 11.2 0.0 31.2

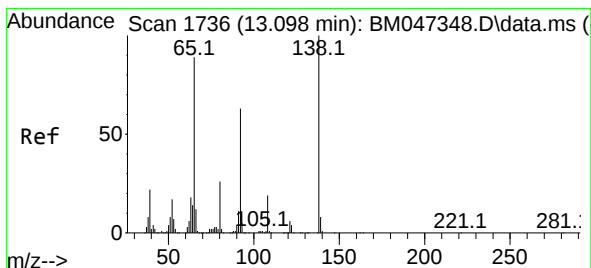
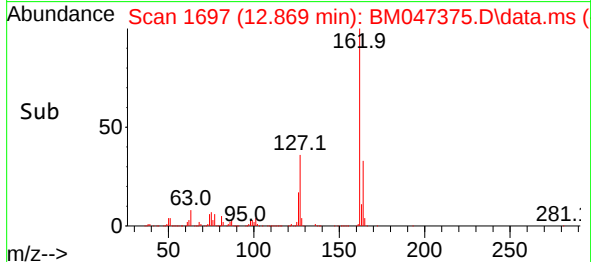
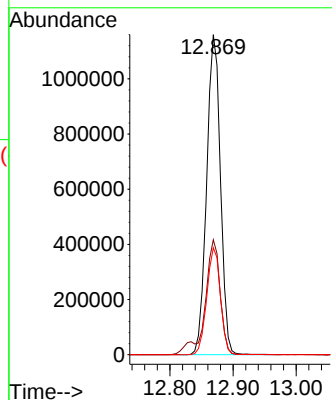
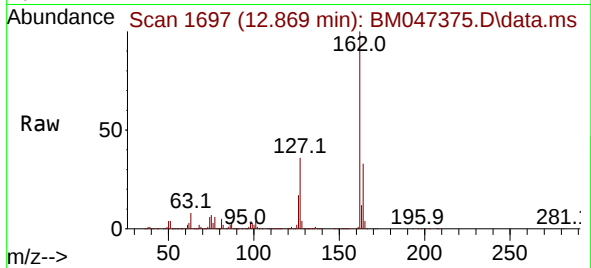




#47
2-Chloronaphthalene
Concen: 46.228 ng
RT: 12.869 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

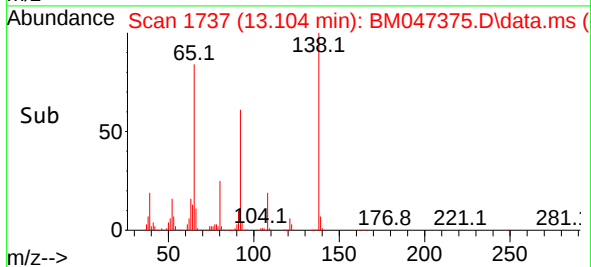
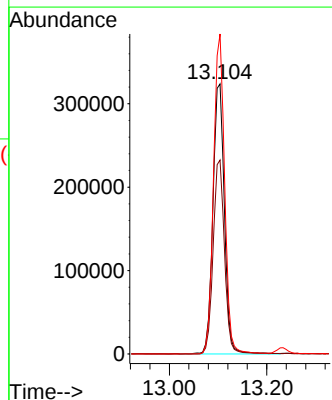
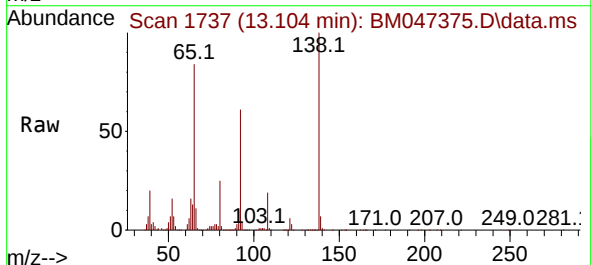
Instrument :
BNA_M
ClientSampleId :
PB163019BS

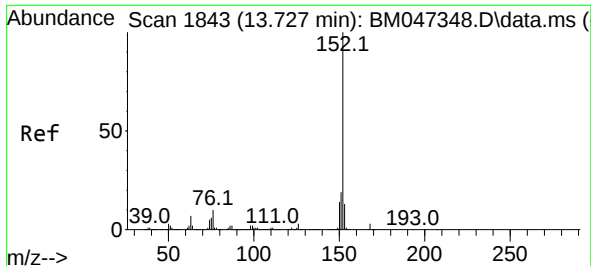
Tgt Ion:162 Resp: 1758698
Ion Ratio Lower Upper
162 100
127 35.9 28.3 42.5
164 33.4 27.0 40.4



#48
2-Nitroaniline
Concen: 49.633 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion: 65 Resp: 528929
Ion Ratio Lower Upper
65 100
92 71.8 57.0 85.6
138 118.5 90.0 135.0

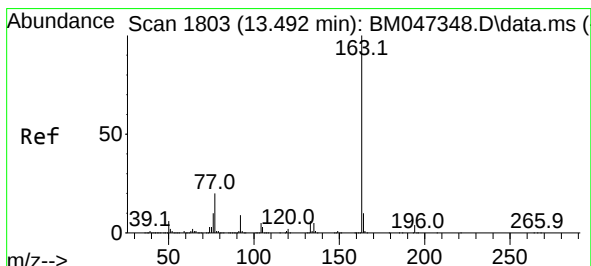
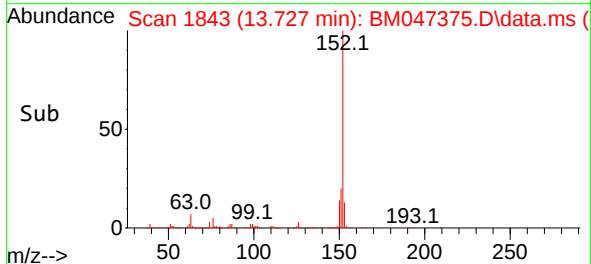
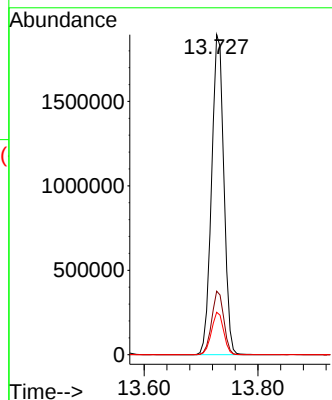
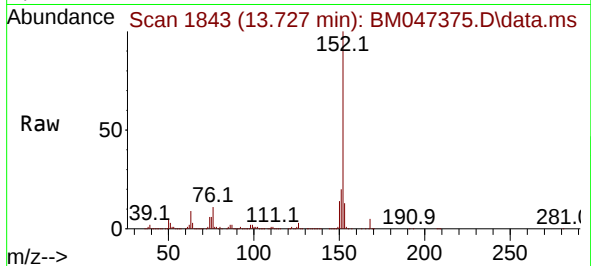




#49
Acenaphthylene
Concen: 51.096 ng
RT: 13.727 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

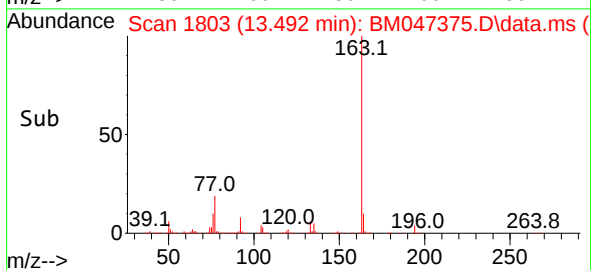
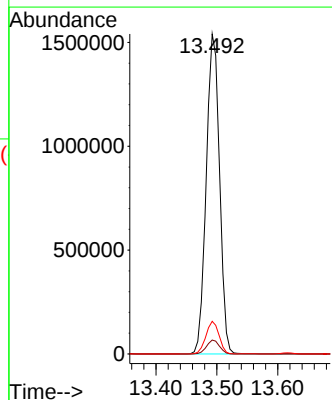
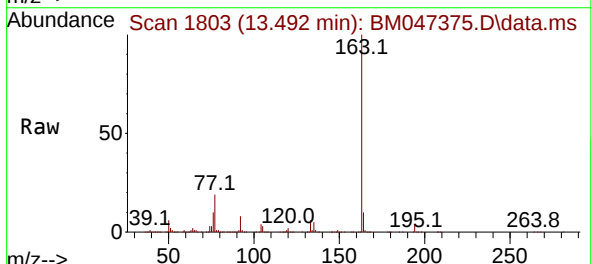
Instrument :
BNA_M
ClientSampleId :
PB163019BS

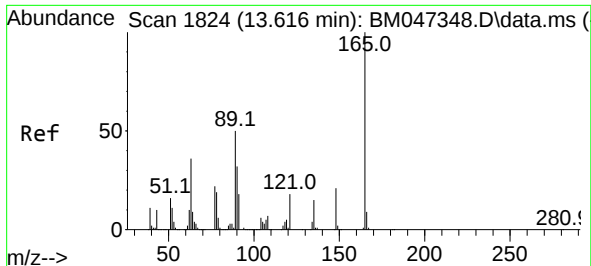
Tgt Ion:152 Resp: 2825234
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 48.764 ng
RT: 13.492 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:163 Resp: 2336096
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.2 12.4

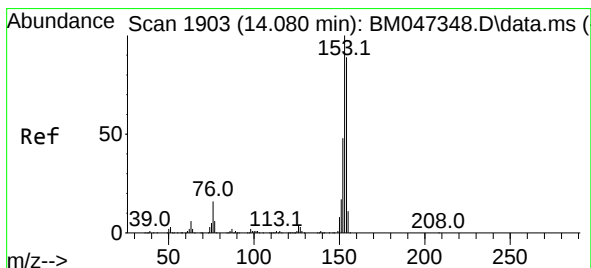
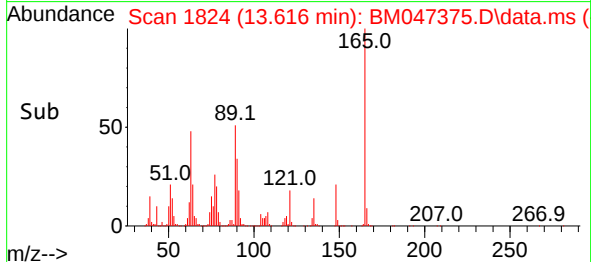
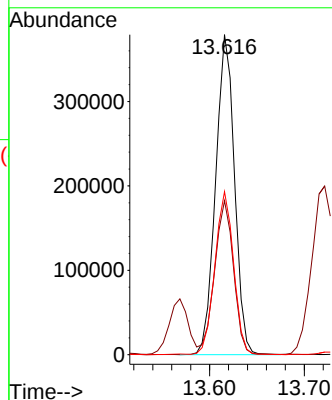
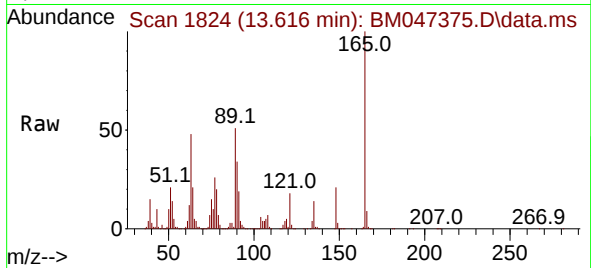




#51
2,6-Dinitrotoluene
Concen: 47.083 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

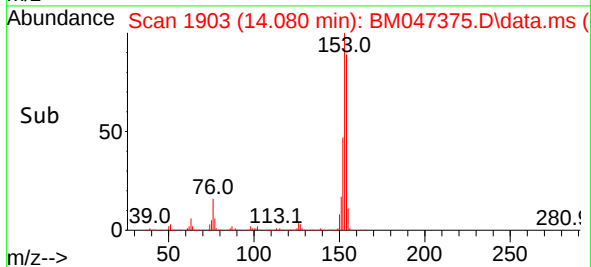
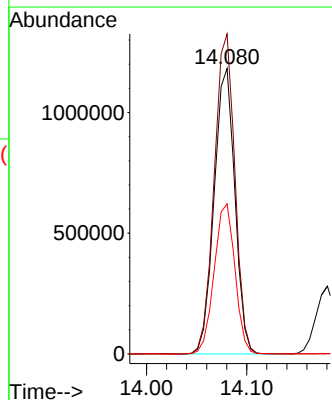
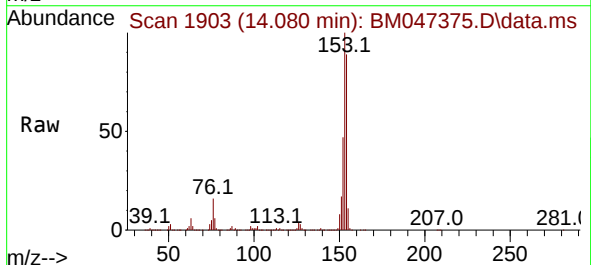
Instrument :
BNA_M
ClientSampleId :
PB163019BS

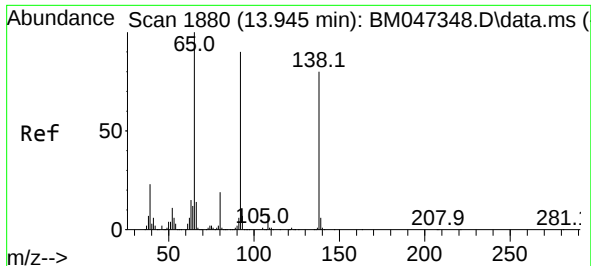
Tgt Ion:165 Resp: 525172
Ion Ratio Lower Upper
165 100
63 48.1 38.2 57.4
89 50.9 40.4 60.6



#52
Acenaphthene
Concen: 48.317 ng
RT: 14.080 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:154 Resp: 1695984
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 52.6 43.0 64.4

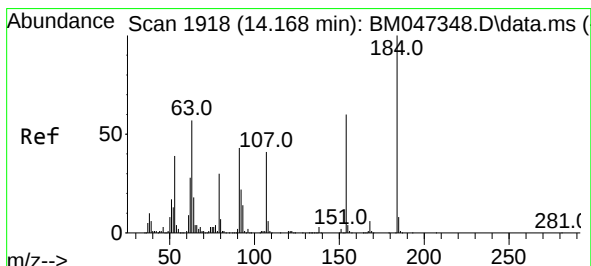
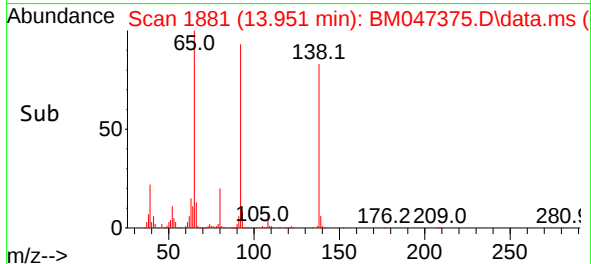
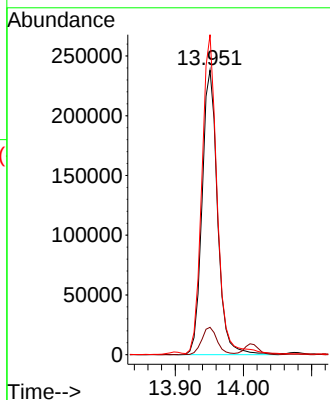
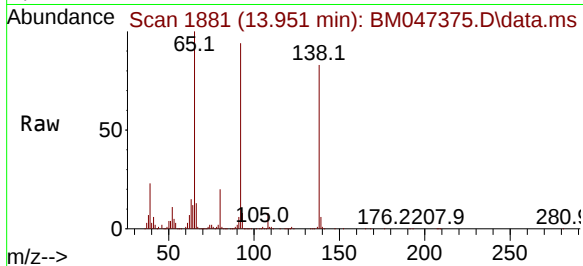




#53
3-Nitroaniline
Concen: 36.535 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

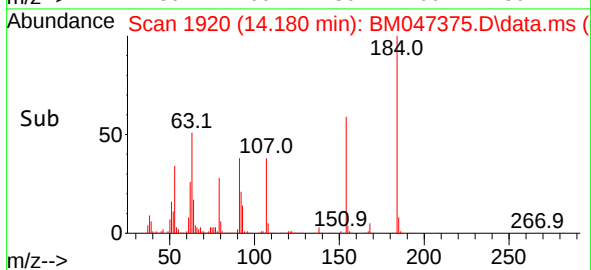
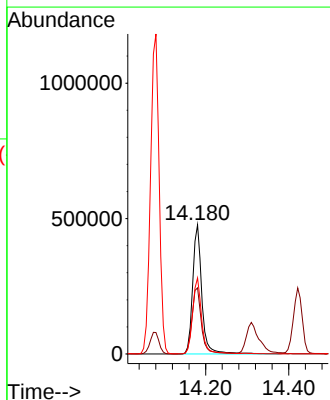
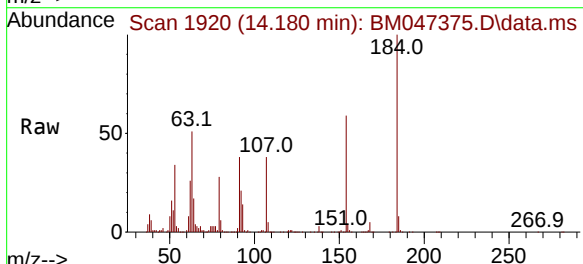
Instrument :
BNA_M
ClientSampleId :
PB163019BS

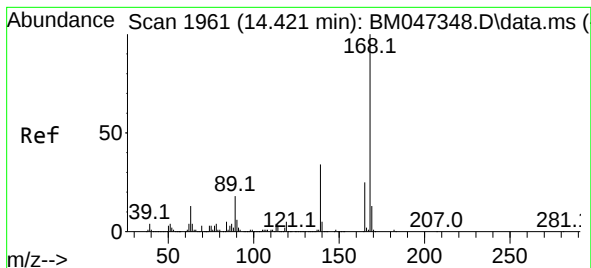
Tgt Ion:138 Resp: 376033
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 112.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 106.287 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.012 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:184 Resp: 730090
Ion Ratio Lower Upper
184 100
63 51.1 45.7 68.5
154 58.9 48.5 72.7





#55

Dibenzofuran

Concen: 47.651 ng

RT: 14.422 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

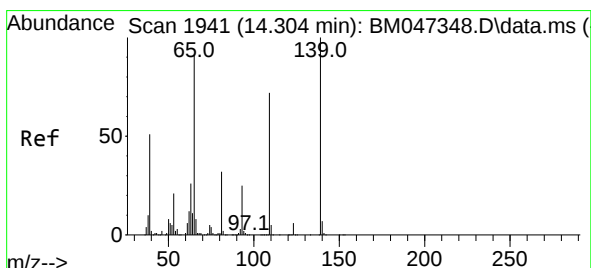
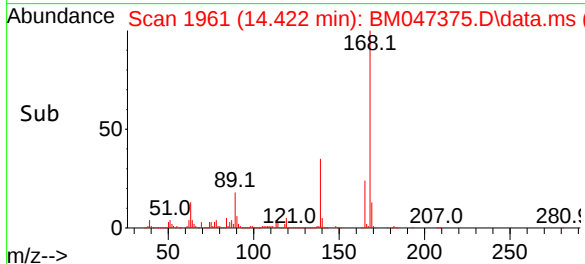
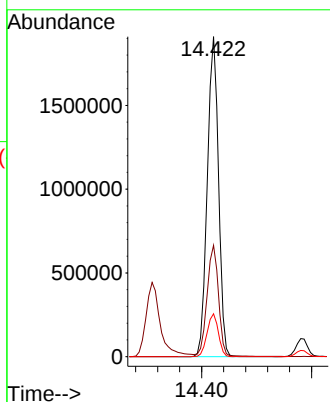
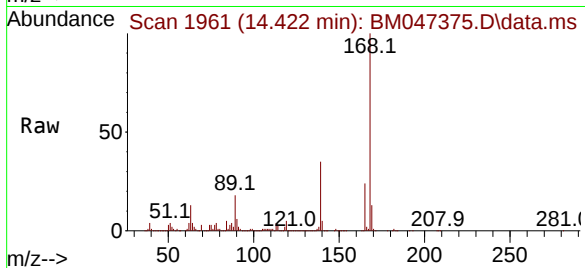
Tgt Ion:168 Resp: 2694092

Ion Ratio Lower Upper

168 100

139 34.8 27.5 41.3

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 99.654 ng

RT: 14.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

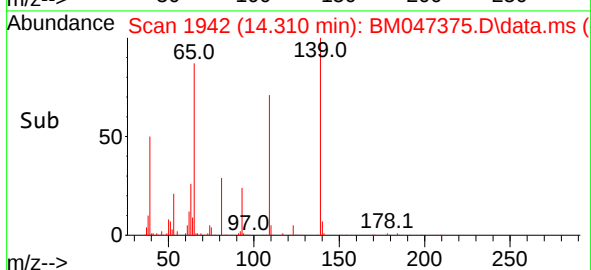
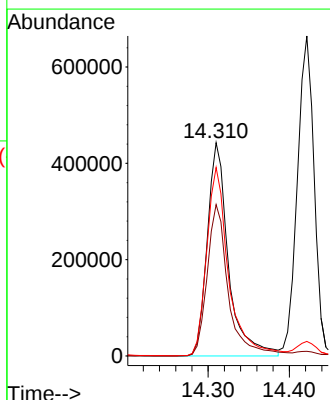
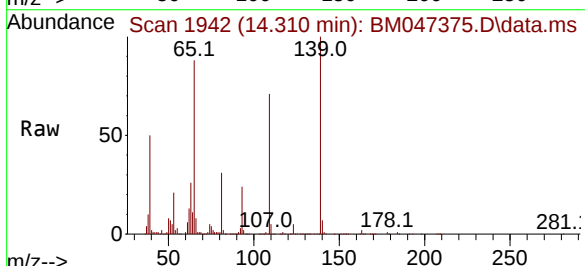
Tgt Ion:139 Resp: 801760

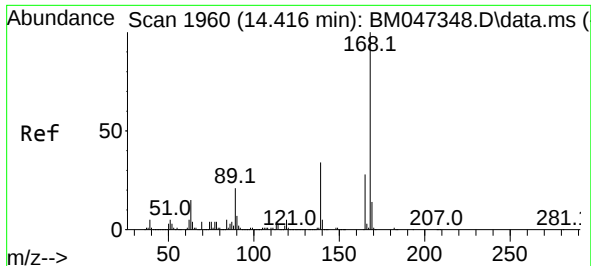
Ion Ratio Lower Upper

139 100

109 71.0 51.6 91.6

65 88.4 71.7 111.7

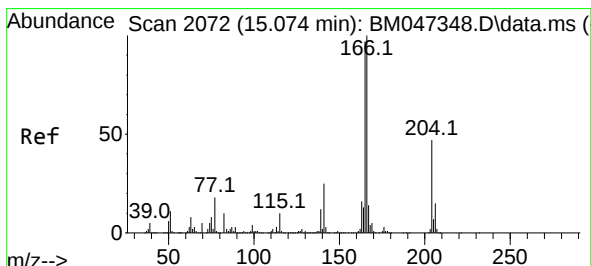
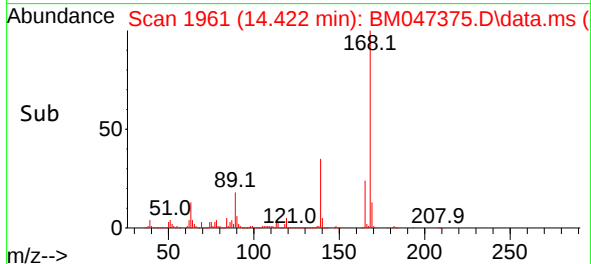
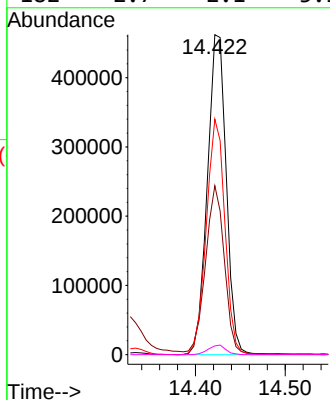
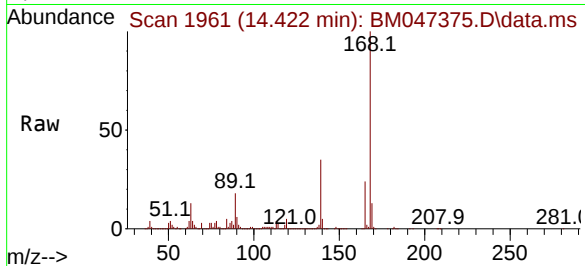




#57
2,4-Dinitrotoluene
Concen: 46.822 ng
RT: 14.422 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

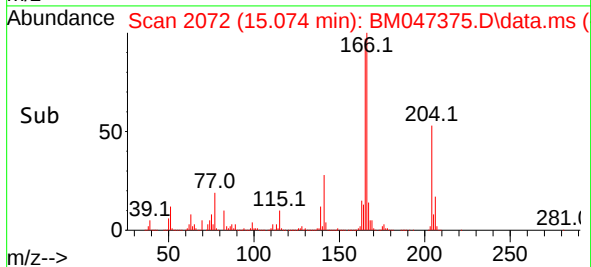
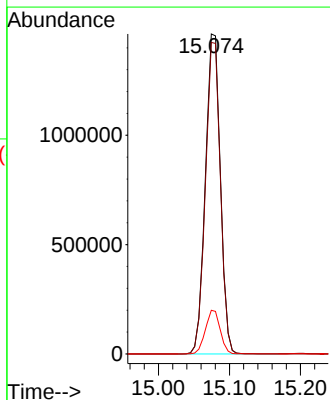
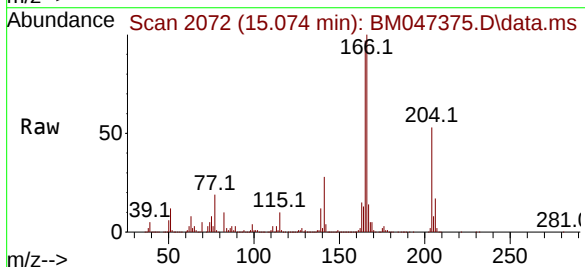
Instrument :
BNA_M
ClientSampleId :
PB163019BS

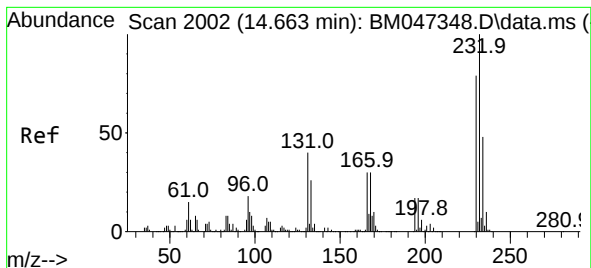
Tgt Ion:	165	Resp:	676066
Ion	Ratio	Lower	Upper
165	100		
63	52.8	42.2	63.4
89	73.6	59.3	88.9
182	2.7	2.1	3.1



#58
Fluorene
Concen: 47.026 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:	166	Resp:	2151770
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.6
167	13.7	11.1	16.7

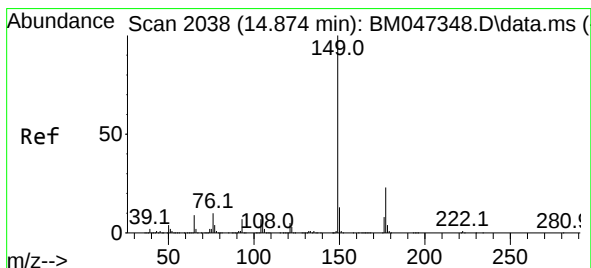
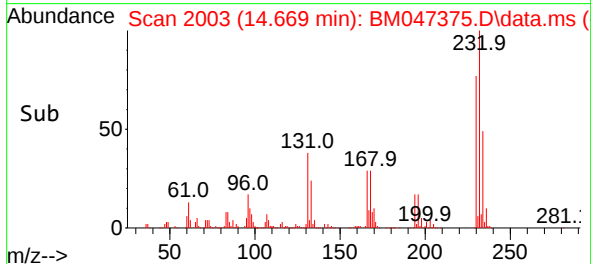
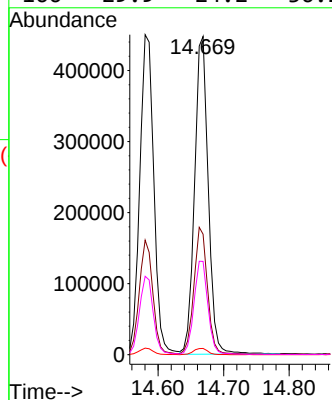
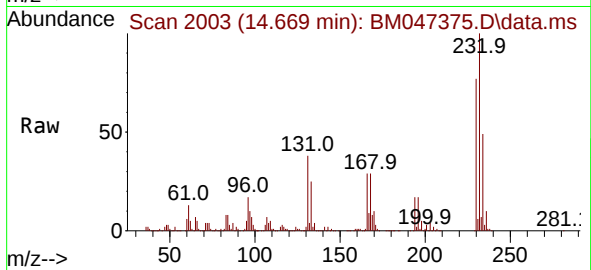




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.385 ng
RT: 14.669 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

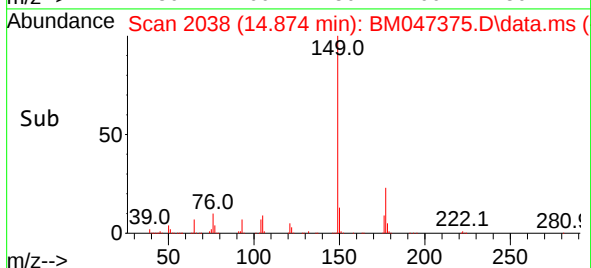
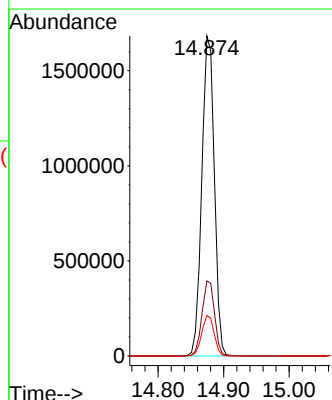
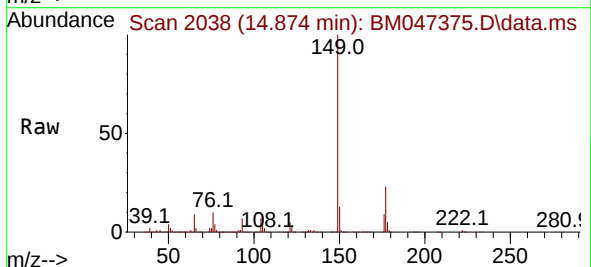
Instrument :
BNA_M
ClientSampleId :
PB163019BS

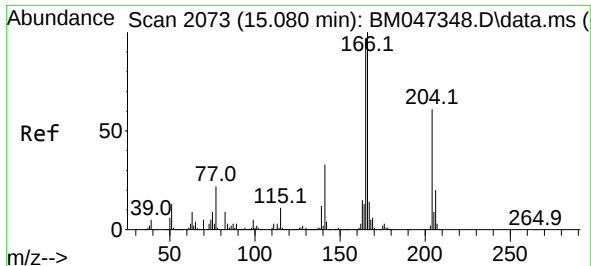
Tgt Ion:232 Resp: 648669
Ion Ratio Lower Upper
232 100
131 39.9 31.7 47.5
130 2.1 1.7 2.5
166 29.9 24.2 36.2



#60
Diethylphthalate
Concen: 47.443 ng
RT: 14.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:149 Resp: 2241976
Ion Ratio Lower Upper
149 100
177 23.4 18.6 28.0
150 12.6 10.2 15.4

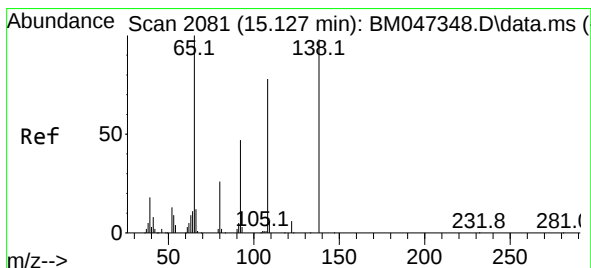
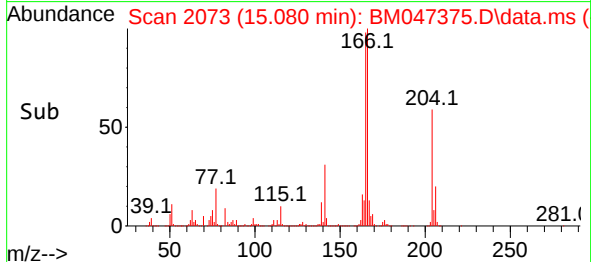
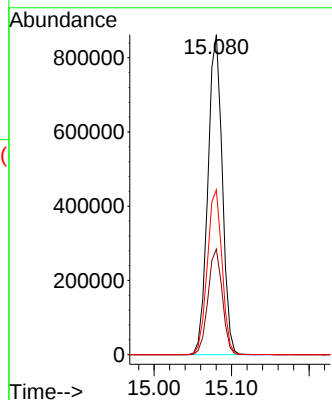
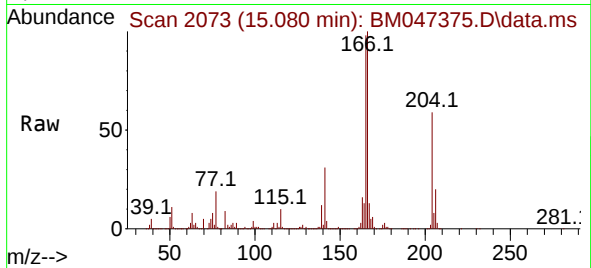




#61
4-Chlorophenyl-phenylether
Concen: 47.666 ng
RT: 15.080 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

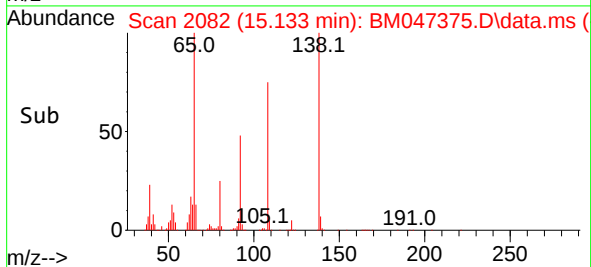
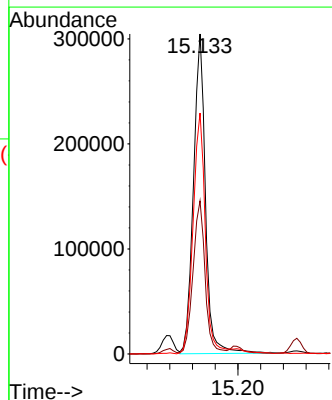
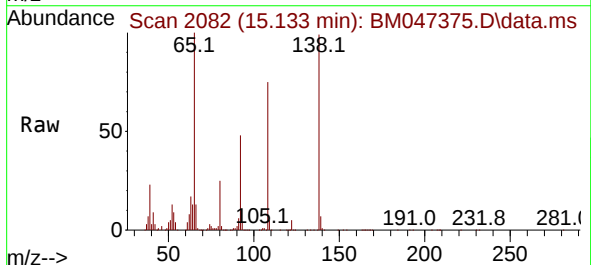
Instrument :
BNA_M
ClientSampleId :
PB163019BS

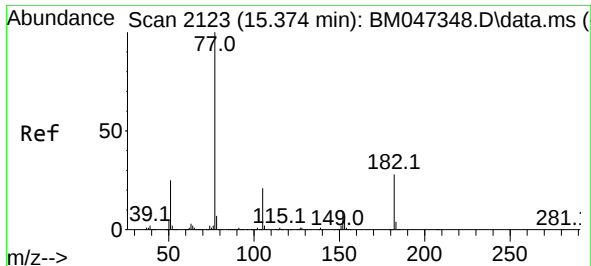
Tgt Ion:204 Resp: 1109523
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 51.5 42.8 64.2



#62
4-Nitroaniline
Concen: 47.117 ng
RT: 15.133 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:138 Resp: 448614
Ion Ratio Lower Upper
138 100
92 47.9 27.9 67.9
108 75.3 58.7 98.7

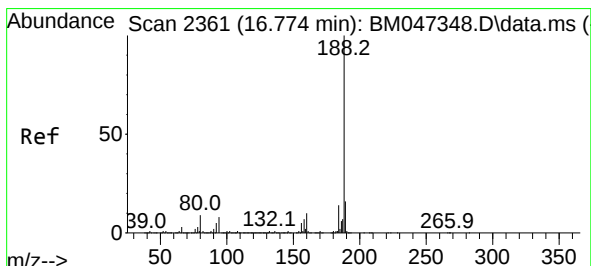
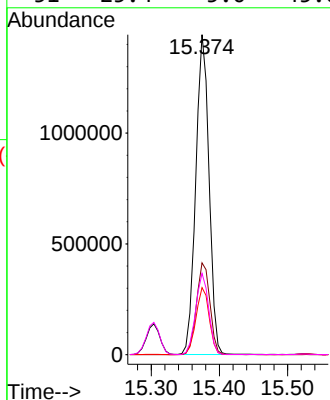
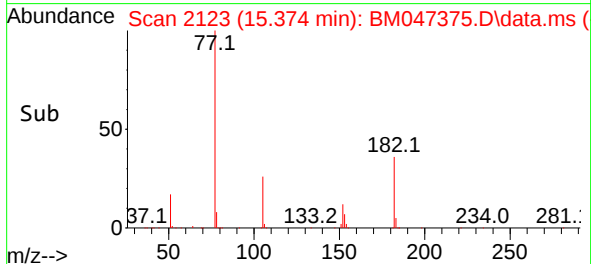
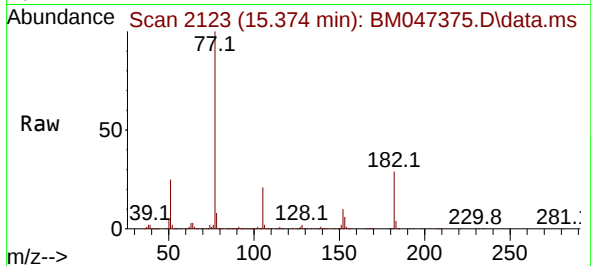




#63
Azobenzene
Concen: 47.350 ng
RT: 15.374 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

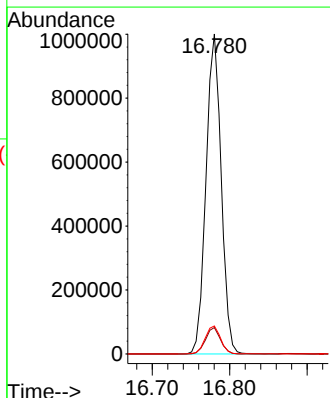
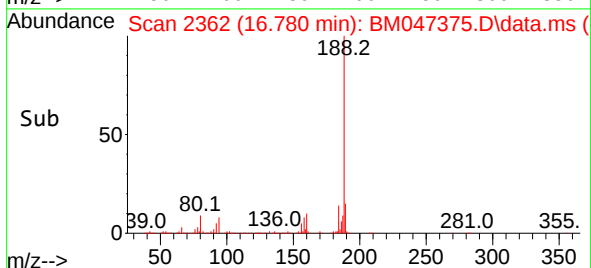
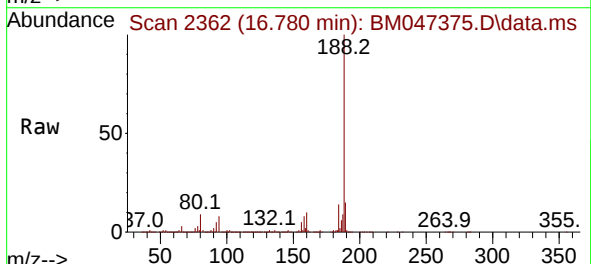
Instrument :
BNA_M
ClientSampleId :
PB163019BS

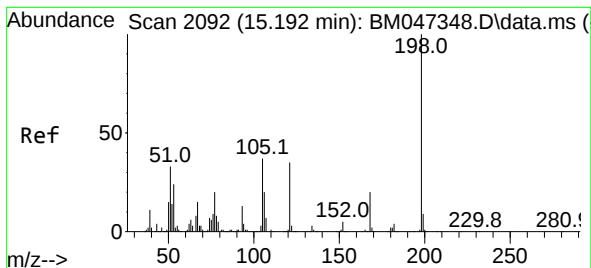
Tgt Ion: 77 Resp: 1948498
Ion Ratio Lower Upper
77 100
182 28.7 7.9 47.9
105 21.0 0.6 40.6
51 25.4 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:188 Resp: 1360725
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 7.4 11.2

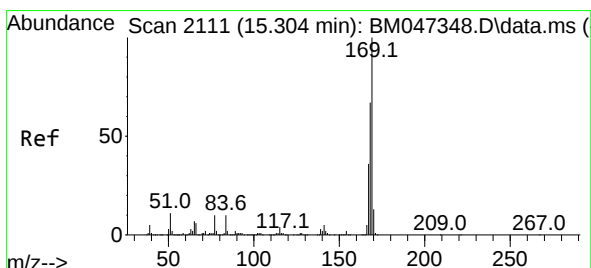
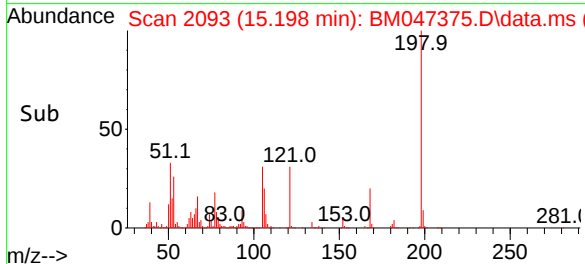
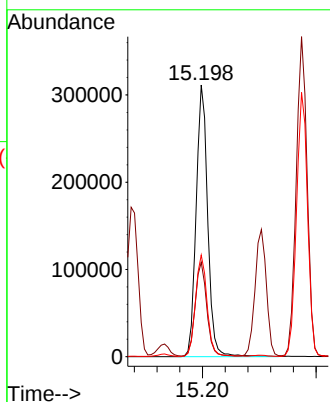
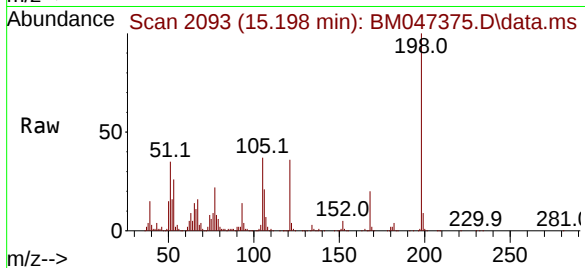




#65
4,6-Dinitro-2-methylphenol
Concen: 52.901 ng
RT: 15.198 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

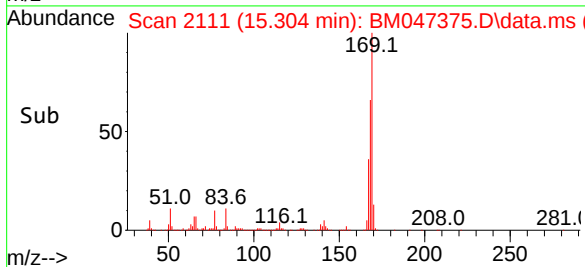
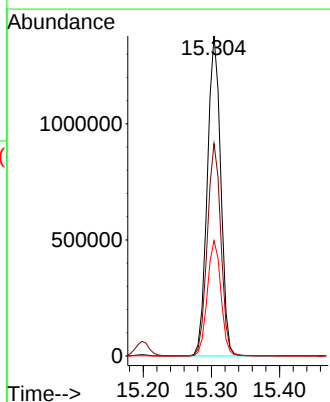
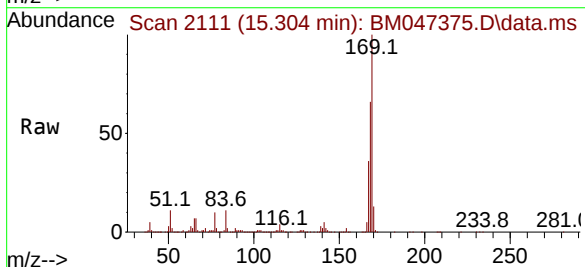
Instrument :
BNA_M
ClientSampleId :
PB163019BS

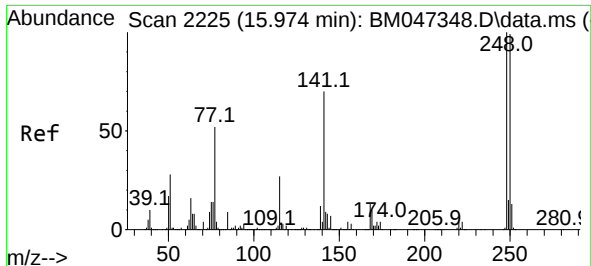
Tgt Ion:198 Resp: 441815
Ion Ratio Lower Upper
198 100
51 34.8 14.1 54.1
105 37.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 50.774 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:169 Resp: 1890489
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.1 29.0 43.4

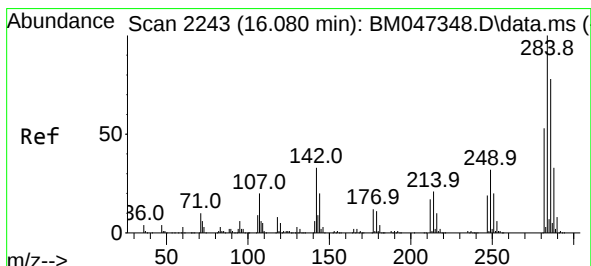
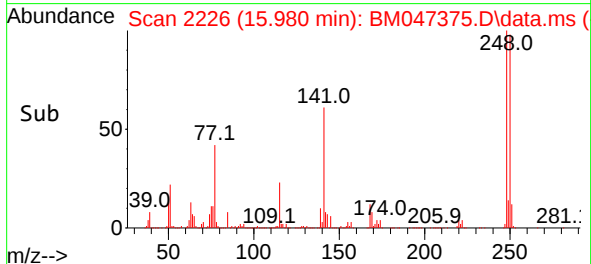
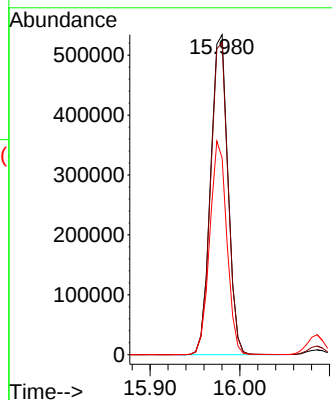
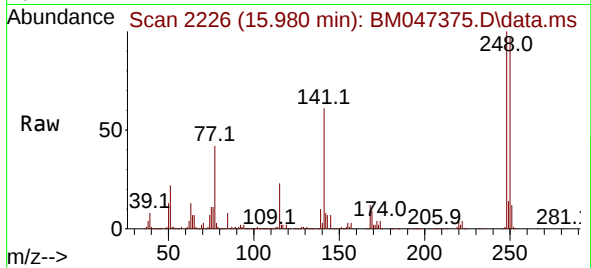




#67
4-Bromophenyl-phenylether
Concen: 49.907 ng
RT: 15.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

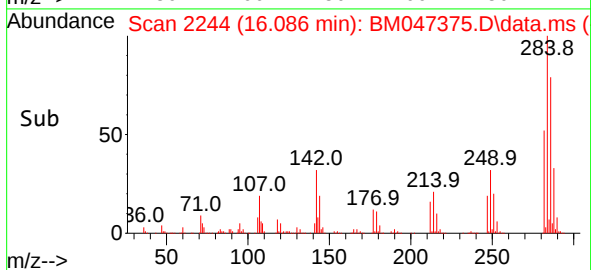
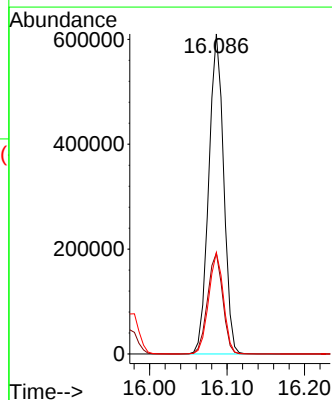
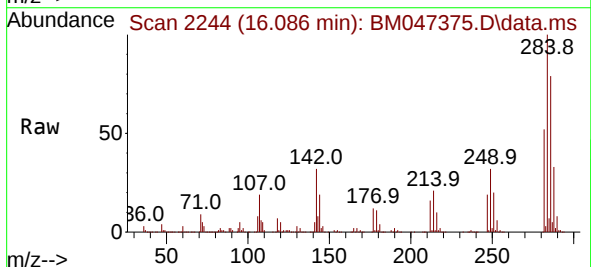
Instrument :
BNA_M
ClientSampleId :
PB163019BS

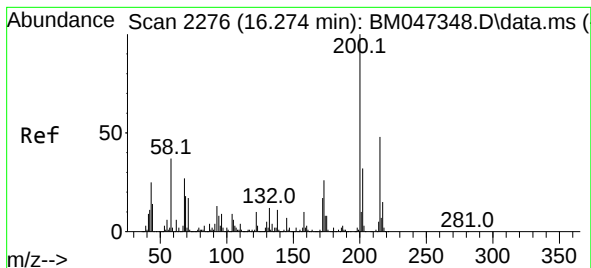
Tgt Ion:248 Resp: 716415
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 61.5 55.9 83.9



#68
Hexachlorobenzene
Concen: 49.158 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:284 Resp: 815038
Ion Ratio Lower Upper
284 100
142 31.5 26.5 39.7
249 31.7 25.5 38.3





#69

Atrazine

Concen: 58.422 ng

RT: 16.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

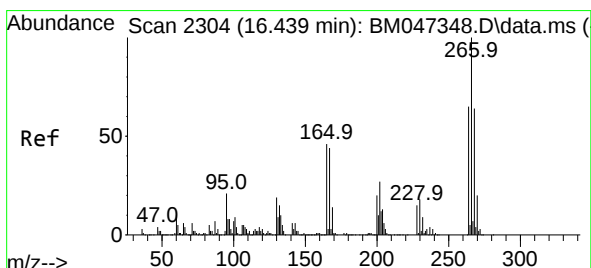
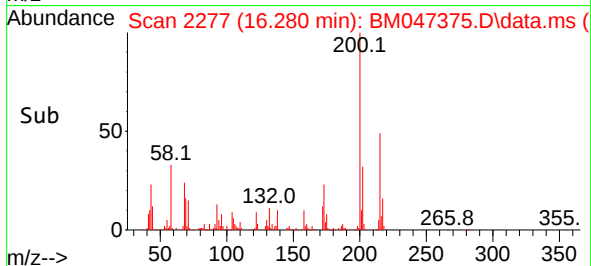
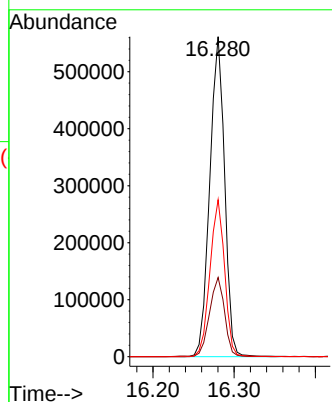
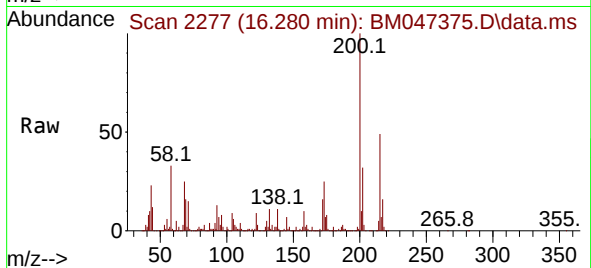
Tgt Ion:200 Resp: 711013

Ion Ratio Lower Upper

200 100

173 24.8 5.8 45.8

215 49.1 28.3 68.3



#70

Pentachlorophenol

Concen: 96.224 ng

RT: 16.445 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

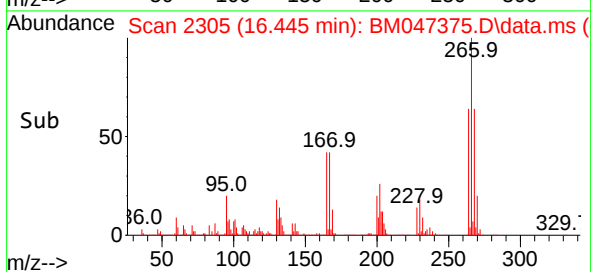
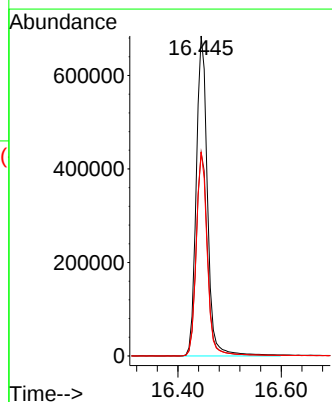
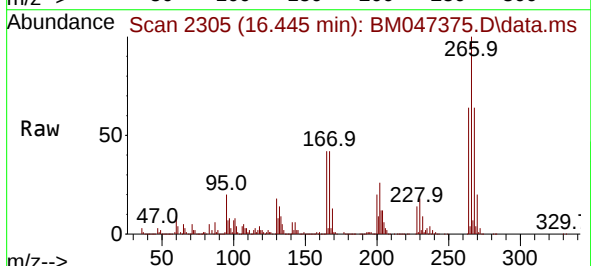
Tgt Ion:266 Resp: 1031466

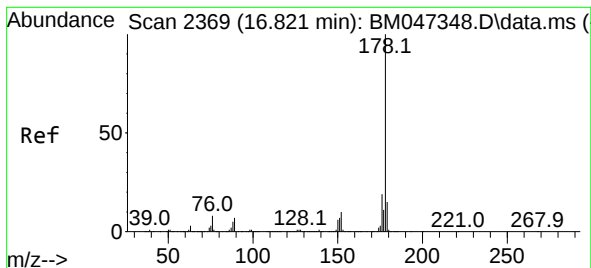
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.7 51.9 77.9





#71

Phenanthrene

Concen: 50.116 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

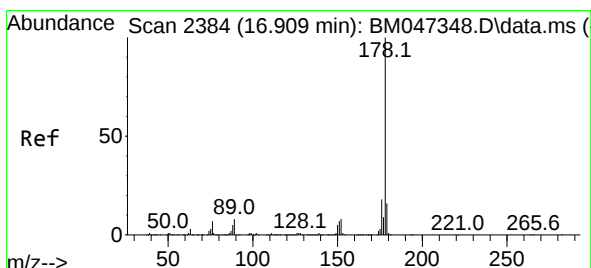
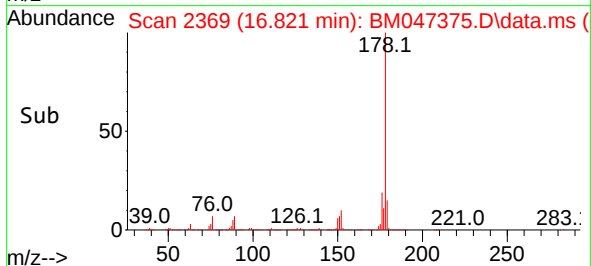
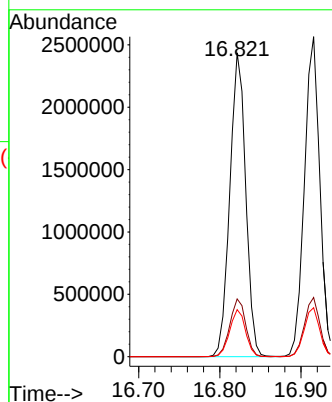
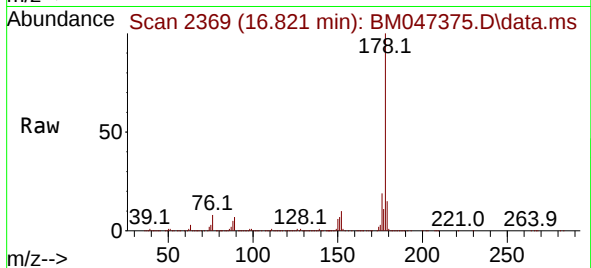
Tgt Ion:178 Resp: 3311810

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.2 18.4



#72

Anthracene

Concen: 52.848 ng

RT: 16.915 min Scan# 2385

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

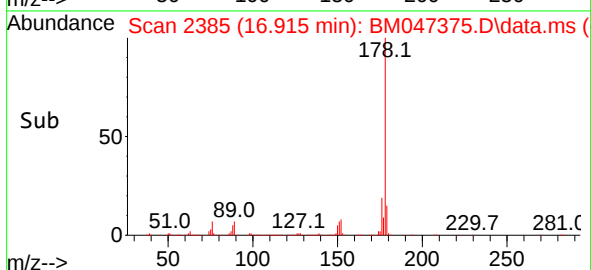
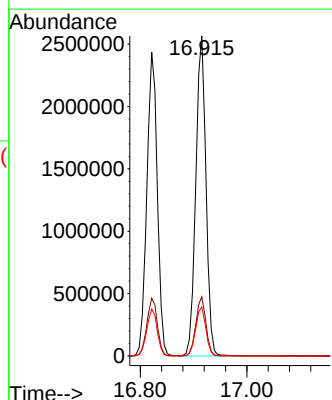
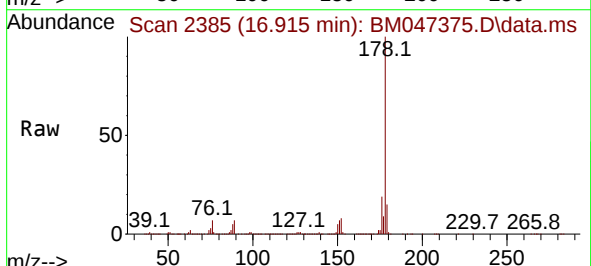
Tgt Ion:178 Resp: 3404486

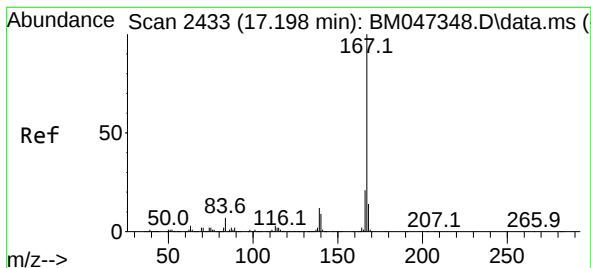
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.3 12.6 18.8





#73

Carbazole

Concen: 48.506 ng

RT: 17.198 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

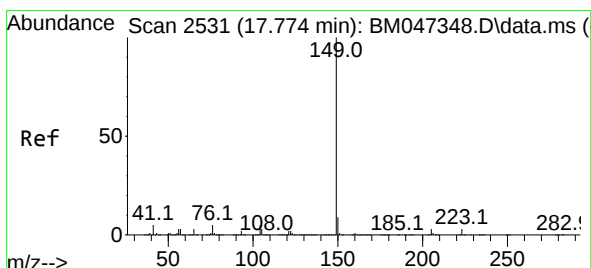
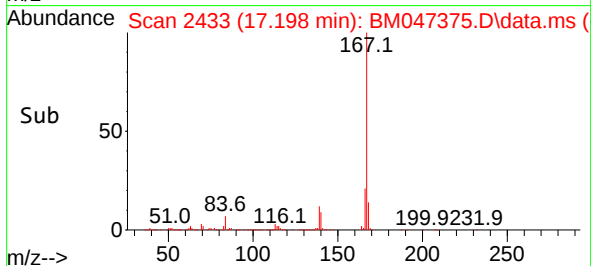
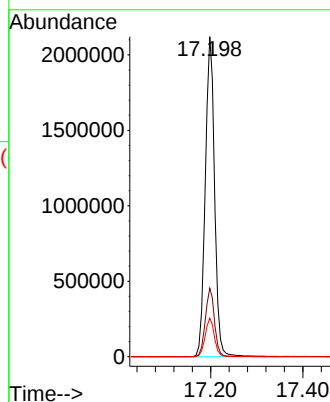
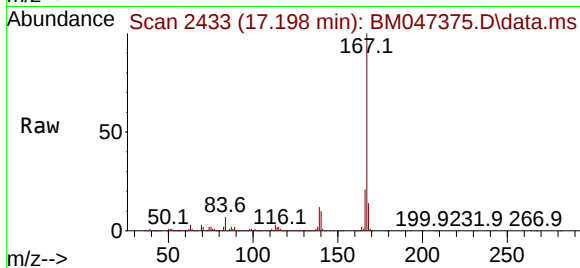
Tgt Ion:167 Resp: 2998552

Ion Ratio Lower Upper

167 100

166 21.5 16.9 25.3

139 12.1 9.5 14.3



#74

Di-n-butylphthalate

Concen: 48.838 ng

RT: 17.774 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

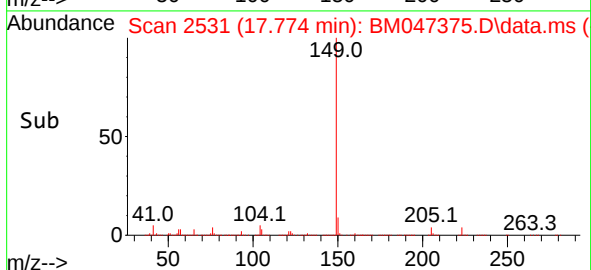
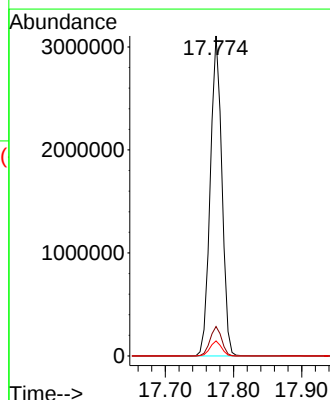
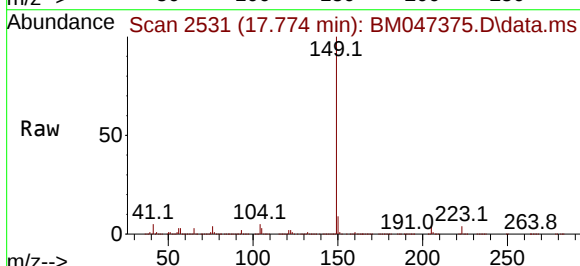
Tgt Ion:149 Resp: 3676270

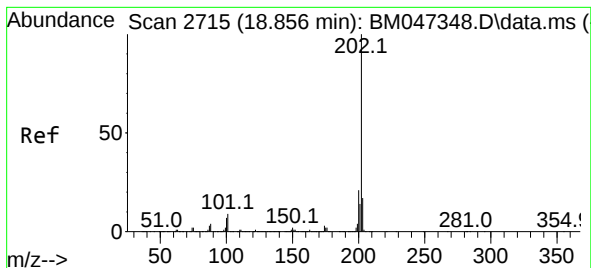
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 47.034 ng

RT: 18.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

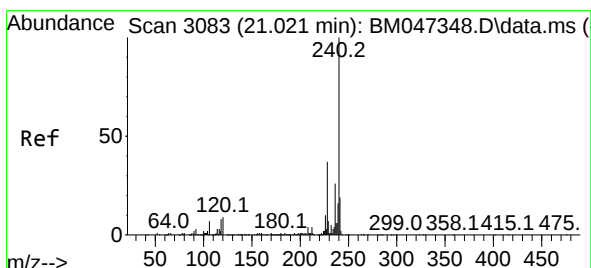
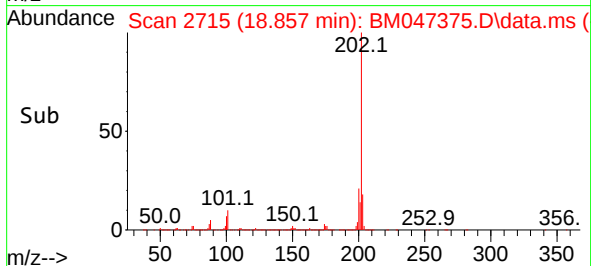
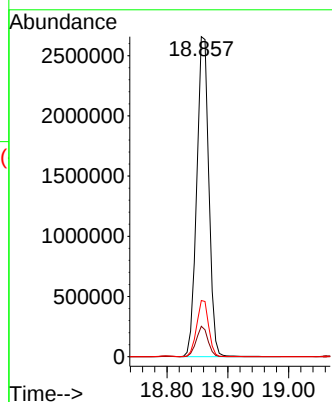
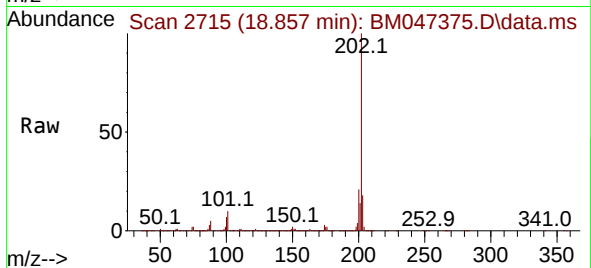
Tgt Ion:202 Resp: 3649566

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

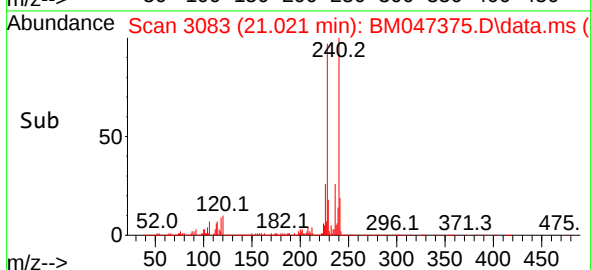
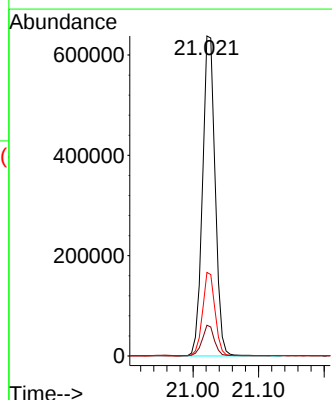
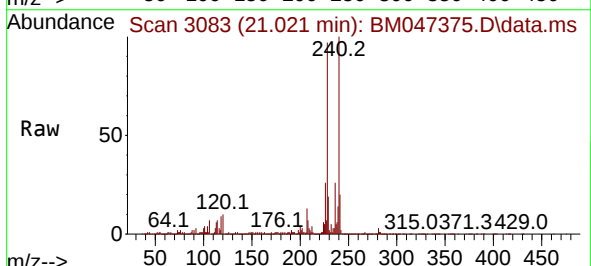
Tgt Ion:240 Resp: 856512

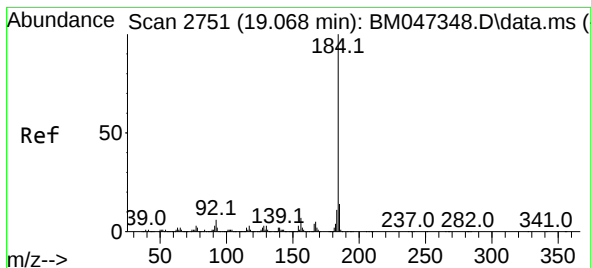
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 26.1 20.8 31.2





#77

Benzidine

Concen: 104.009 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

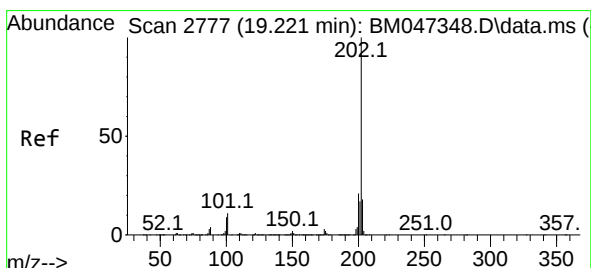
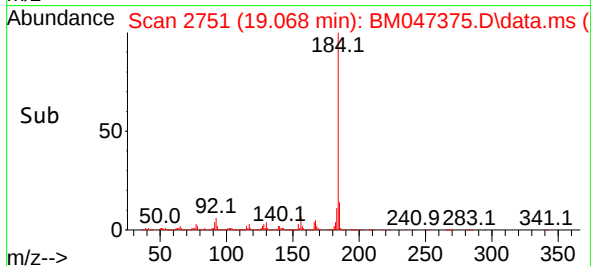
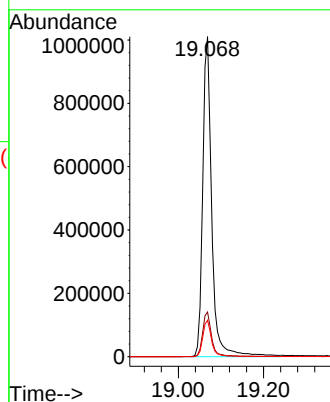
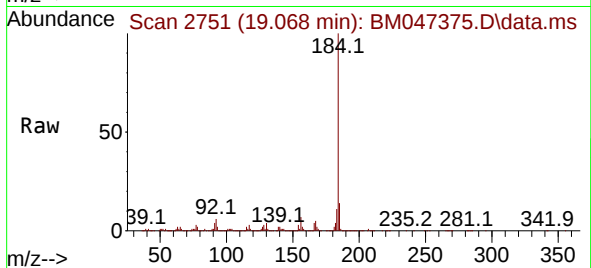
Tgt Ion:184 Resp: 1487031

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.4 9.2 13.8



#78

Pyrene

Concen: 57.439 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

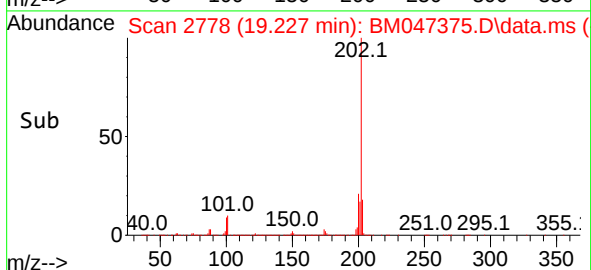
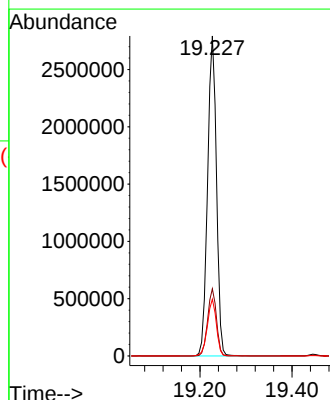
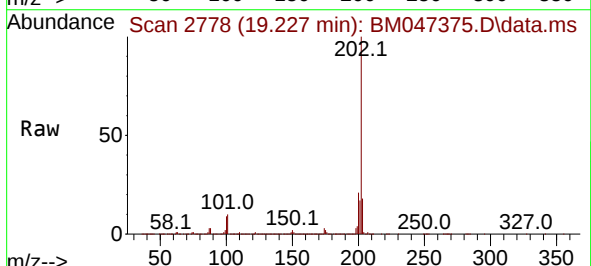
Tgt Ion:202 Resp: 3773272

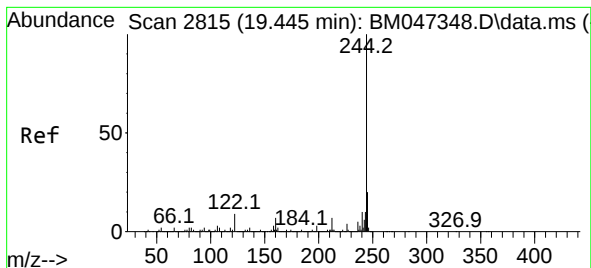
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 113.339 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

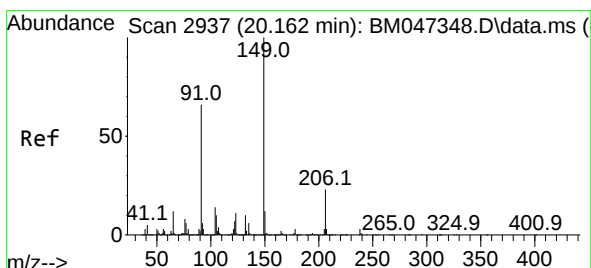
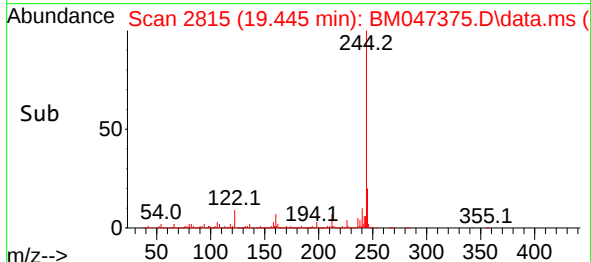
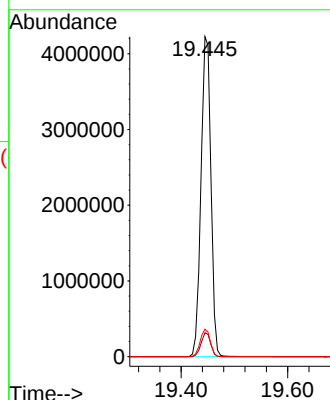
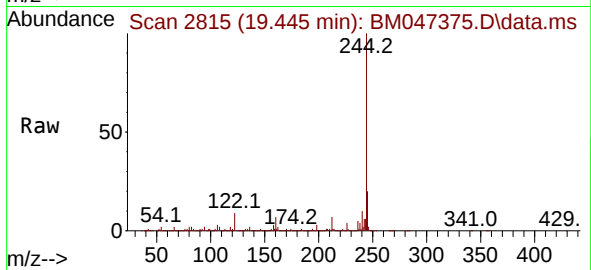
Tgt Ion:244 Resp: 5453873

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.6 7.0 10.4



#80

Butylbenzylphthalate

Concen: 54.642 ng

RT: 20.162 min Scan# 2937

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

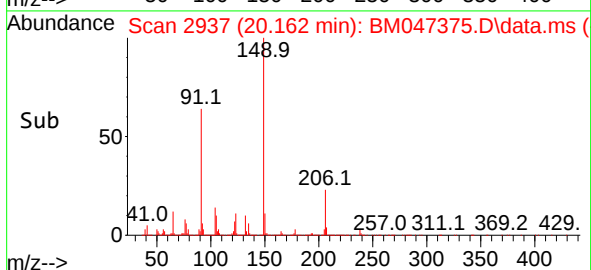
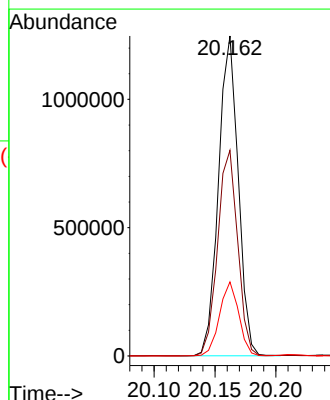
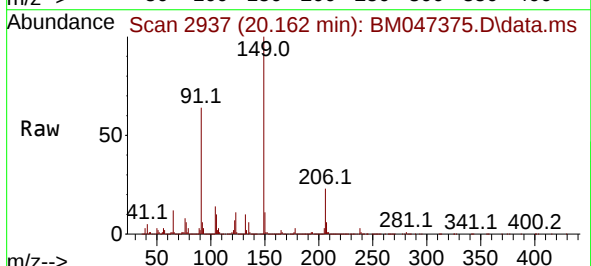
Tgt Ion:149 Resp: 1404679

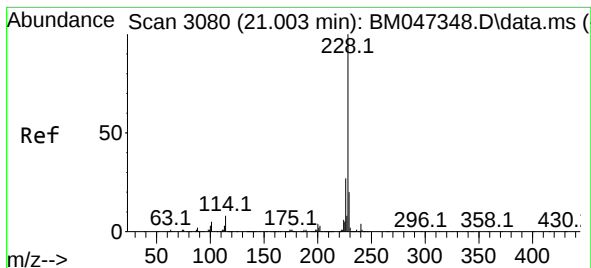
Ion Ratio Lower Upper

149 100

91 64.2 52.6 79.0

206 23.1 18.2 27.2





#81

Benzo(a)anthracene

Concen: 51.106 ng

RT: 21.009 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

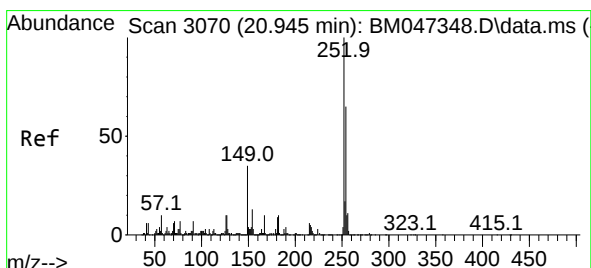
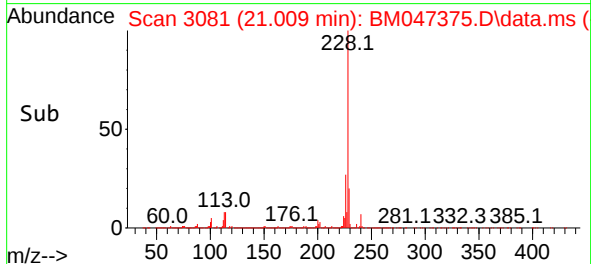
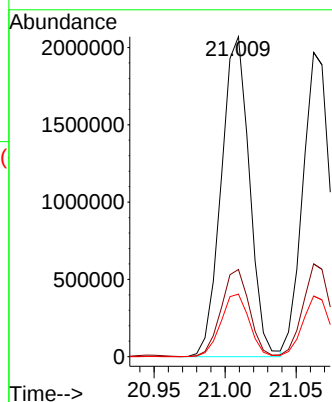
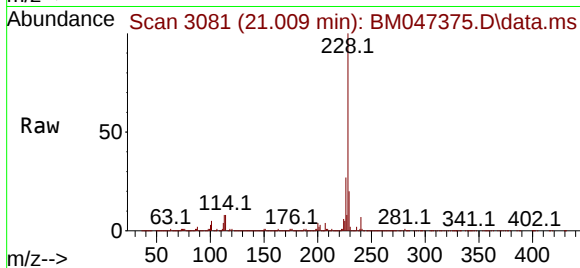
Tgt Ion:228 Resp: 2854572

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.008 ng

RT: 20.951 min Scan# 3071

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

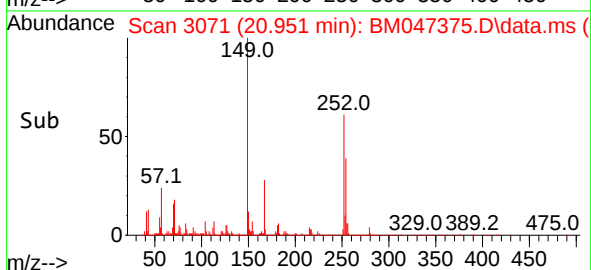
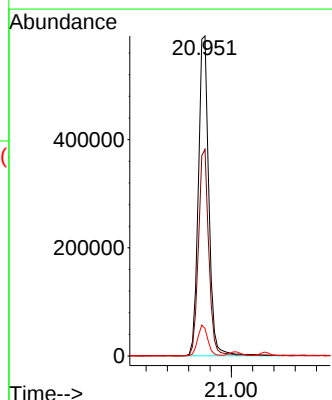
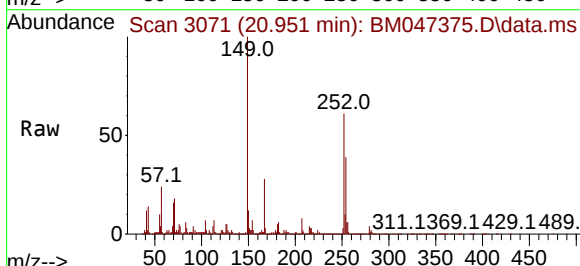
Tgt Ion:252 Resp: 808097

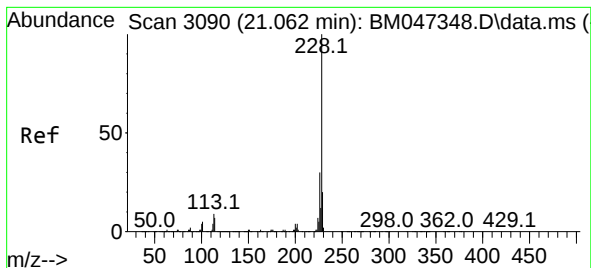
Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

126 8.6 7.9 11.9





#83

Chrysene

Concen: 50.026 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

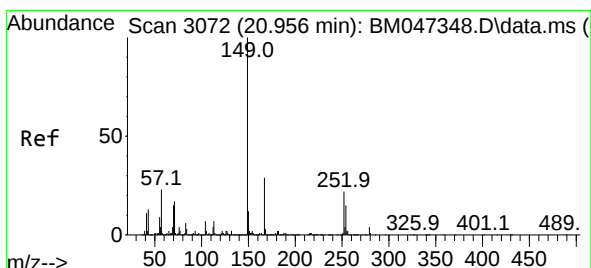
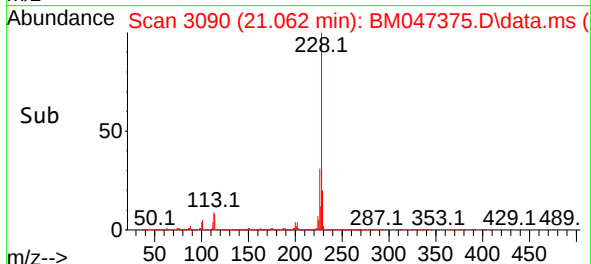
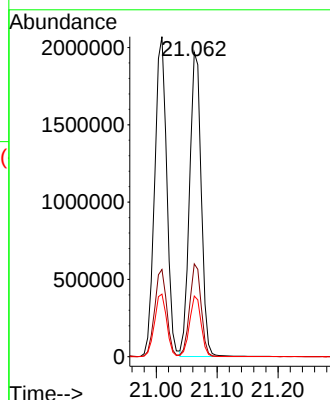
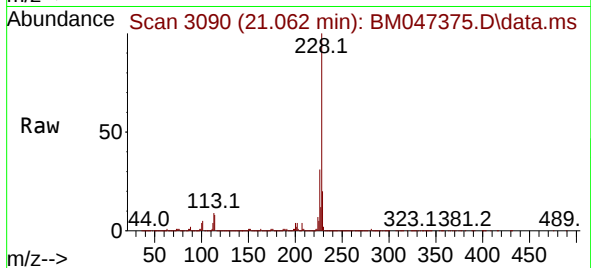
Tgt Ion:228 Resp: 2628447

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.511 ng

RT: 20.956 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

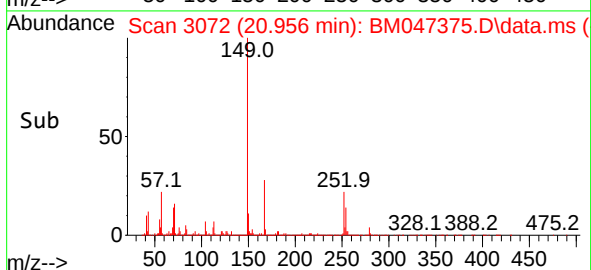
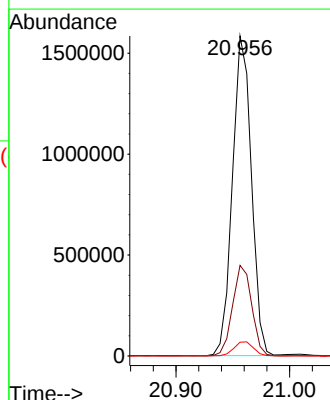
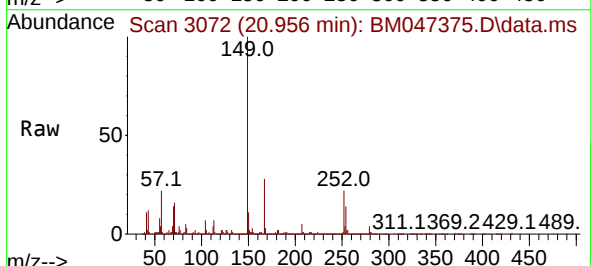
Tgt Ion:149 Resp: 1835201

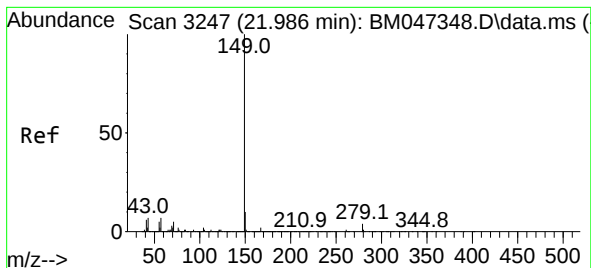
Ion Ratio Lower Upper

149 100

167 28.3 23.1 34.7

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.967 ng

RT: 21.986 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

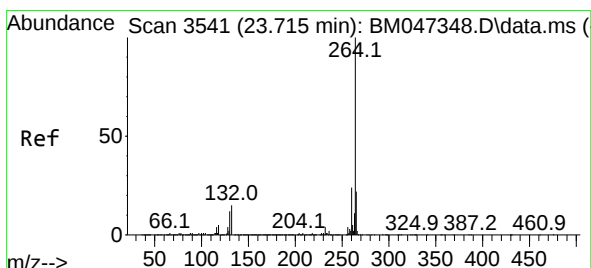
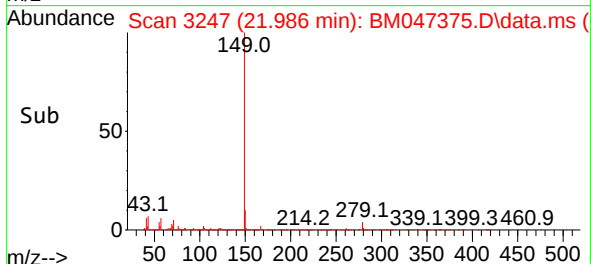
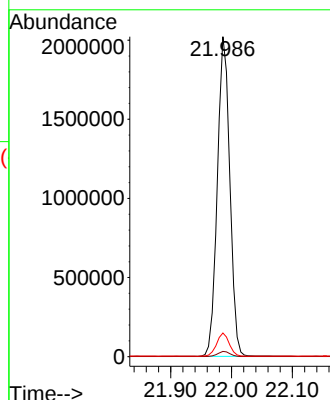
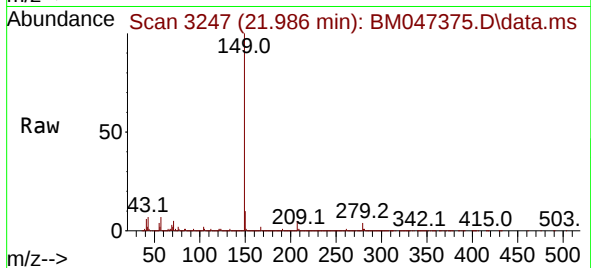
Tgt Ion:149 Resp: 2872162

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

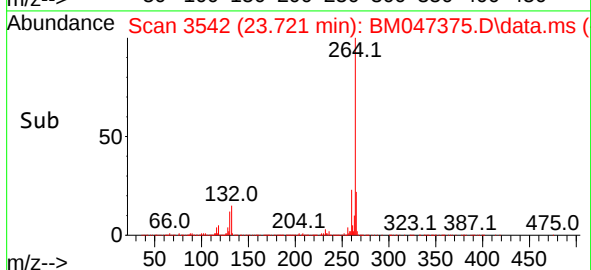
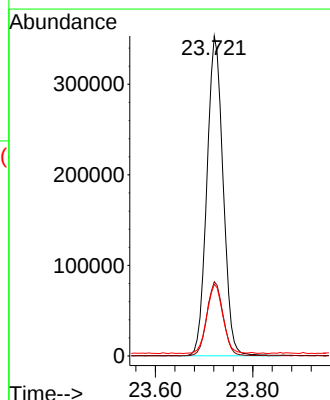
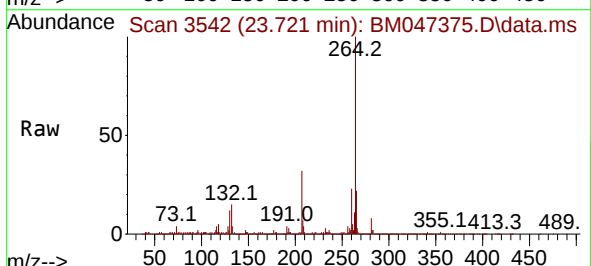
Tgt Ion:264 Resp: 812940

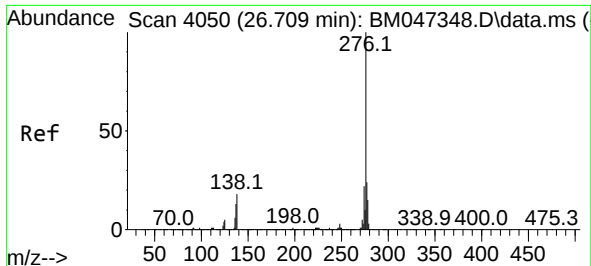
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 22.4 17.8 26.6

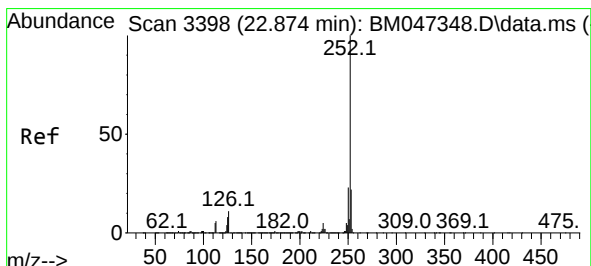
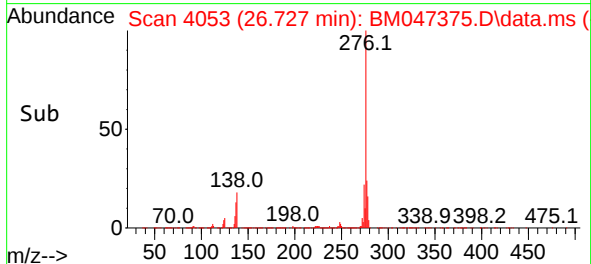
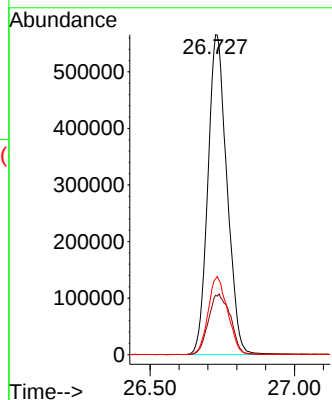
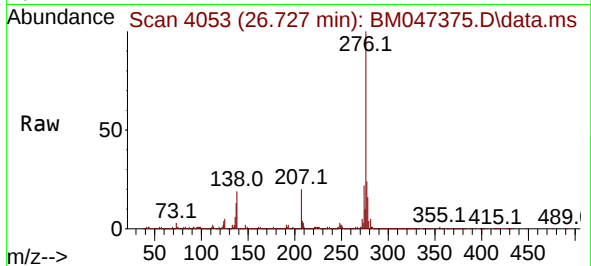




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.836 ng
 RT: 26.727 min Scan# 4053
 Delta R.T. 0.018 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

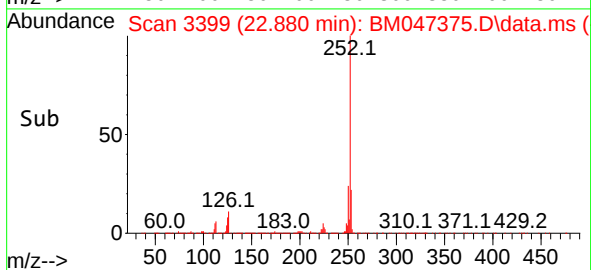
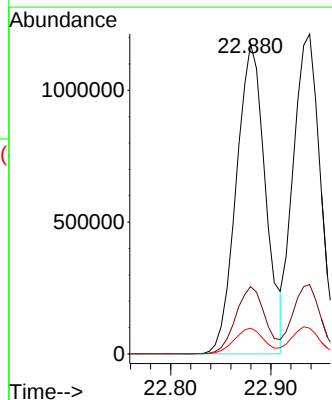
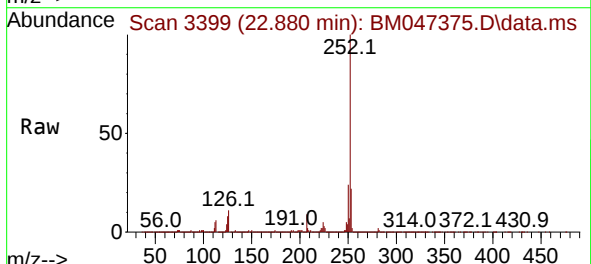
Instrument :
 BNA_M
 ClientSampleId :
 PB163019BS

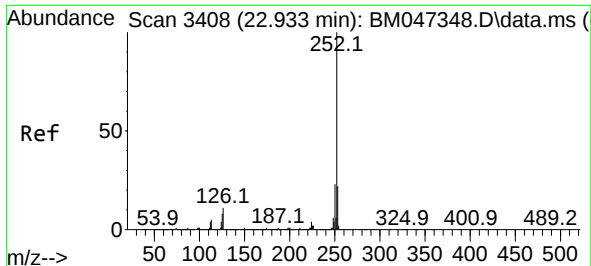
Tgt Ion:276 Resp: 2587024
 Ion Ratio Lower Upper
 276 100
 138 21.7 17.7 26.5
 277 24.9 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 50.155 ng
 RT: 22.880 min Scan# 3399
 Delta R.T. 0.006 min
 Lab File: BM047375.D
 Acq: 28 Aug 2024 10:57

Tgt Ion:252 Resp: 2378783
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.6
 125 8.3 6.6 10.0

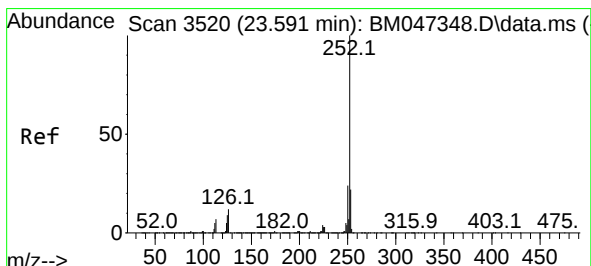
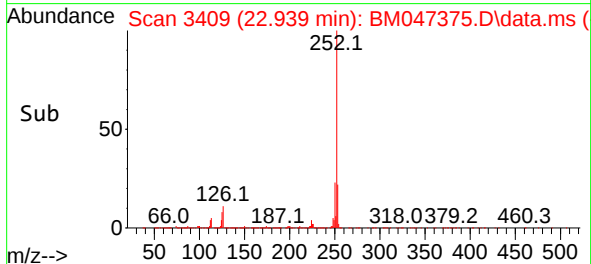
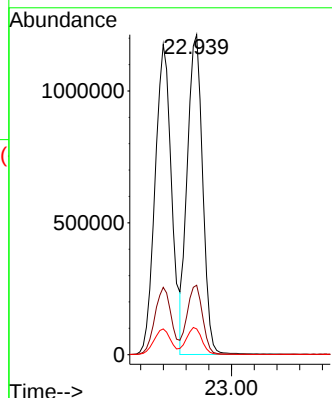
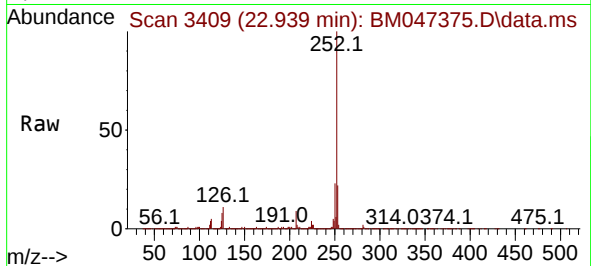




#89
Benzo(k)fluoranthene
Concen: 50.550 ng
RT: 22.939 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

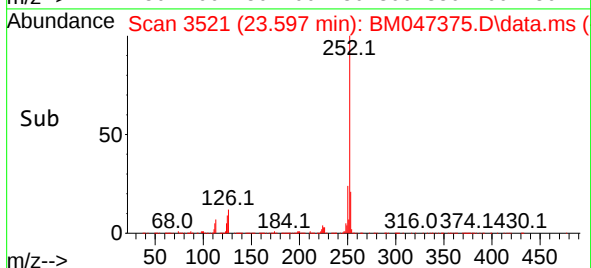
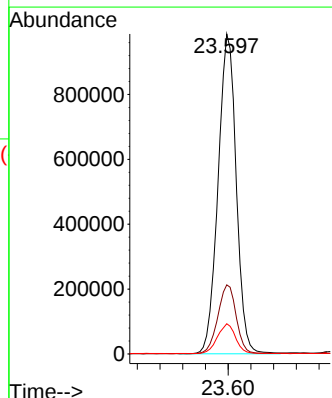
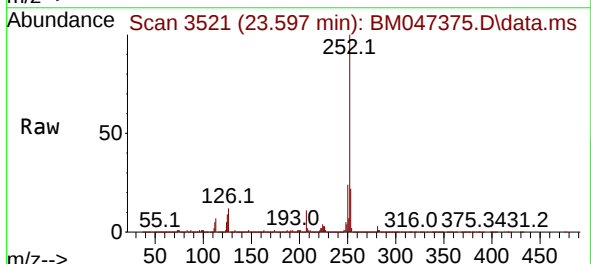
Instrument :
BNA_M
ClientSampleId :
PB163019BS

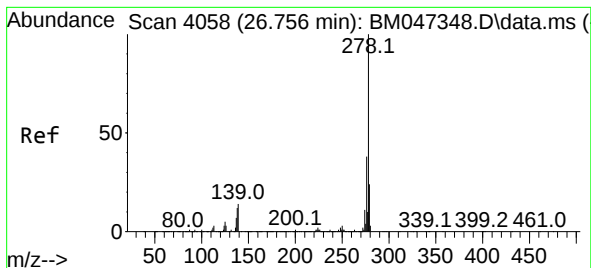
Tgt Ion:252 Resp: 2272764
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.1 6.6 9.8



#90
Benzo(a)pyrene
Concen: 53.329 ng
RT: 23.597 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BM047375.D
Acq: 28 Aug 2024 10:57

Tgt Ion:252 Resp: 2187323
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 50.384 ng

RT: 26.774 min Scan# 4058

Delta R.T. 0.018 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163019BS

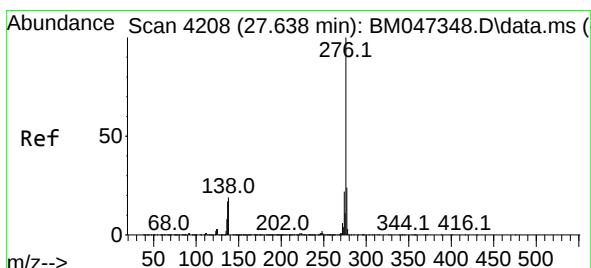
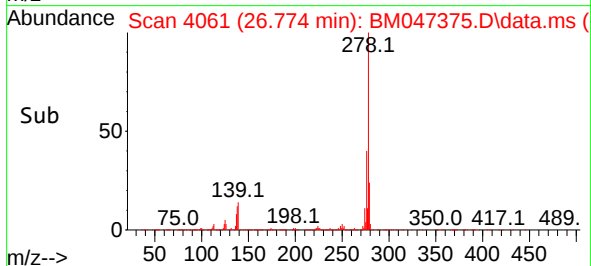
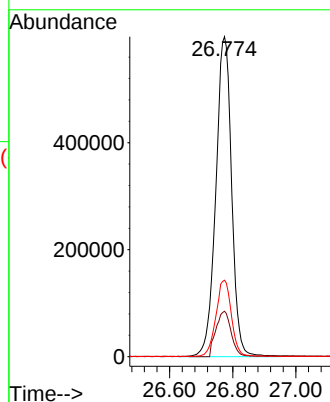
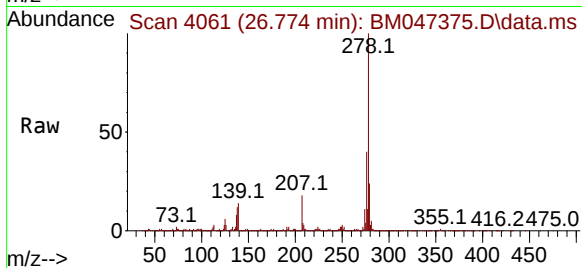
Tgt Ion:278 Resp: 2077175

Ion Ratio Lower Upper

278 100

139 14.2 11.1 16.7

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 47.068 ng

RT: 27.662 min Scan# 4212

Delta R.T. 0.024 min

Lab File: BM047375.D

Acq: 28 Aug 2024 10:57

Tgt Ion:276 Resp: 2017332

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 19.1 15.0 22.6

