

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047211.D
 Acq On : 15 Aug 2024 12:11
 Operator : RC/JU
 Sample : PB162602BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162602BS

Quant Time: Aug 15 12:51:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	359001	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1265668	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	723649	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1315066	20.000	ng	0.00
76) Chrysene-d12	21.027	240	920652	20.000	ng	0.00
86) Perylene-d12	23.721	264	1145367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2414593	120.181	ng	0.00
7) Phenol-d6	6.587	99	3005297	108.556	ng	0.00
23) Nitrobenzene-d5	8.516	82	2016627	80.229	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	988209	117.773	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	4171051	88.910	ng	-0.01
79) Terphenyl-d14	19.456	244	4625288	107.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	260109	31.246	ng	98
3) Pyridine	3.404	79	714759	29.280	ng	98
4) n-Nitrosodimethylamine	3.328	42	421016	39.476	ng	98
6) Aniline	6.716	93	719082	27.481	ng	100
8) 2-Chlorophenol	6.945	128	991268	45.236	ng	99
9) Benzaldehyde	6.528	77	402383	23.640	ng	99
10) Phenol	6.610	94	1124141	40.694	ng	99
11) bis(2-Chloroethyl)ether	6.822	93	970760	41.036	ng	97
12) 1,3-Dichlorobenzene	7.257	146	1118675	42.960	ng	98
13) 1,4-Dichlorobenzene	7.404	146	1123907	42.629	ng	98
14) 1,2-Dichlorobenzene	7.710	146	1082669	43.523	ng	99
15) Benzyl Alcohol	7.622	79	856098	43.450	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.892	45	1238118	40.787	ng	99
17) 2-Methylphenol	7.828	107	750119	40.703	ng	99
18) Hexachloroethane	8.416	117	436167	42.709	ng	98
19) n-Nitroso-di-n-propyla...	8.181	70	693748	37.203	ng	99
20) 3+4-Methylphenols	8.157	107	1009350	39.176	ng	99
22) Acetophenone	8.186	105	1226238	40.137	ng	# 99
24) Nitrobenzene	8.557	77	1061761	41.950	ng	97
25) Isophorone	9.080	82	1887505	43.128	ng	99
26) 2-Nitrophenol	9.257	139	542109	48.364	ng	97
27) 2,4-Dimethylphenol	9.339	122	640992	48.818	ng	100
28) bis(2-Chloroethoxy)met...	9.569	93	1210036	43.940	ng	99
29) 2,4-Dichlorophenol	9.792	162	924218	47.439	ng	99
30) 1,2,4-Trichlorobenzene	9.992	180	1039012	47.126	ng	99
31) Naphthalene	10.175	128	2719753	43.136	ng	100
32) Benzoic acid	9.516	122	563279	36.925	ng	99
33) 4-Chloroaniline	10.298	127	466149	19.225	ng	99
34) Hexachlorobutadiene	10.457	225	629858	48.809	ng	99
35) Caprolactam	11.104	113	230226	34.028	ng	99
36) 4-Chloro-3-methylphenol	11.451	107	833358	40.165	ng	98
37) 2-Methylnaphthalene	11.798	142	1880100	41.880	ng	99
38) 1-Methylnaphthalene	12.027	142	1756034	39.579	ng	97
40) 1,2,4,5-Tetrachloroben...	12.180	216	969280	49.108	ng	99
41) Hexachlorocyclopentadiene	12.157	237	958934	139.133	ng	97
43) 2,4,6-Trichlorophenol	12.439	196	704190	50.195	ng	99

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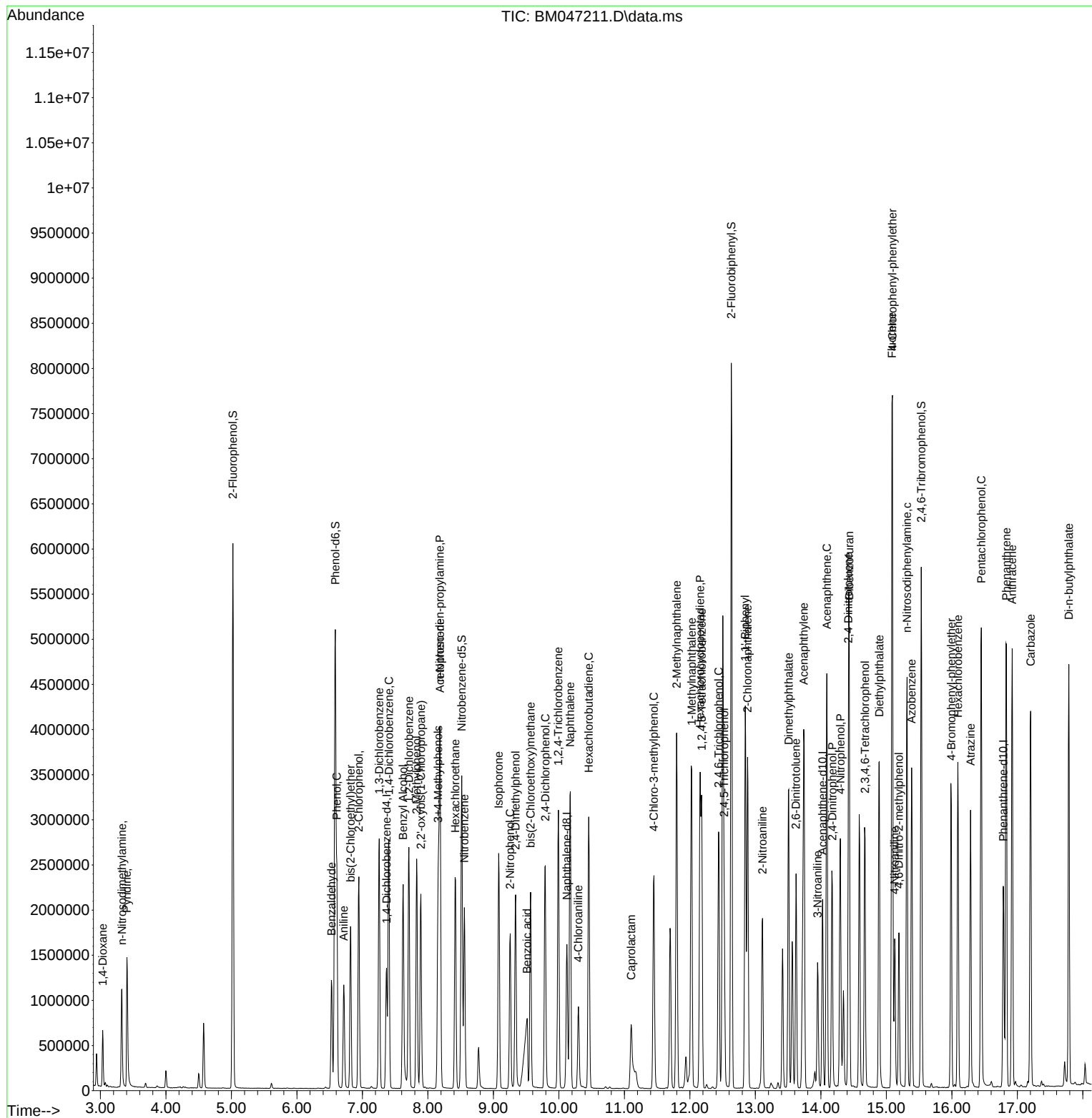
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	695085	44.624	ng	98
46) 1,1'-Biphenyl	12.845	154	2213134	42.959	ng	99
47) 2-Chloronaphthalene	12.880	162	1829852	45.444	ng	98
48) 2-Nitroaniline	13.110	65	536475	42.528	ng	98
49) Acenaphthylene	13.739	152	2849710	48.012	ng	100
50) Dimethylphthalate	13.510	163	2175628	43.047	ng	99
51) 2,6-Dinitrotoluene	13.621	165	492579	41.693	ng	92
52) Acenaphthene	14.092	154	1635739	43.446	ng	99
53) 3-Nitroaniline	13.951	138	343638	29.027	ng	100
54) 2,4-Dinitrophenol	14.174	184	541705	76.502	ng	92
55) Dibenzofuran	14.433	168	2622153	44.092	ng	97
56) 4-Nitrophenol	14.298	139	762639	74.707	ng	99
57) 2,4-Dinitrotoluene	14.421	165	626239	39.712	ng	99
58) Fluorene	15.086	166	2059602	41.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	585919	45.769	ng	95
60) Diethylphthalate	14.892	149	2088968	40.475	ng	98
61) 4-Chlorophenyl-phenyle...	15.092	204	1014530	43.429	ng	96
62) 4-Nitroaniline	15.127	138	407593	34.947	ng	98
63) Azobenzene	15.386	77	1983357	40.530	ng	97
65) 4,6-Dinitro-2-methylph...	15.192	198	370588	48.132	ng	95
66) n-Nitrosodiphenylamine	15.315	169	1748737	48.821	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	632680	49.927	ng	97
68) Hexachlorobenzene	16.092	284	723249	47.655	ng	98
69) Atrazine	16.286	200	524529	48.664	ng	99
70) Pentachlorophenol	16.451	266	906925	85.247	ng	99
71) Phenanthrene	16.833	178	2981985	45.183	ng	100
72) Anthracene	16.921	178	2992679	46.603	ng	99
73) Carbazole	17.203	167	2711982	41.362	ng	100
74) Di-n-butylphthalate	17.786	149	3361401	44.059	ng	99
75) Fluoranthene	18.862	202	3184139	39.665	ng	99
77) Benzidine	19.068	184	741800	47.512	ng	99
78) Pyrene	19.227	202	3295483	50.131	ng	99
80) Butylbenzylphthalate	20.168	149	1386388	51.678	ng	98
81) Benzo(a)anthracene	21.009	228	2905244	47.535	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	907535	47.458	ng	98
83) Chrysene	21.062	228	2726947	47.027	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	1902258	49.999	ng	99
85) Di-n-octyl phthalate	21.997	149	3296513	50.977	ng	99
87) Indeno(1,2,3-cd)pyrene	26.721	276	4334362	58.546	ng	99
88) Benzo(b)fluoranthene	22.880	252	3146102	46.253	ng	99
89) Benzo(k)fluoranthene	22.933	252	3131904	48.748	ng	99
90) Benzo(a)pyrene	23.597	252	3075766	52.200	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	3454903	57.665	ng	99
92) Benzo(g,h,i)perylene	27.644	276	3506405	56.368	ng	100

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

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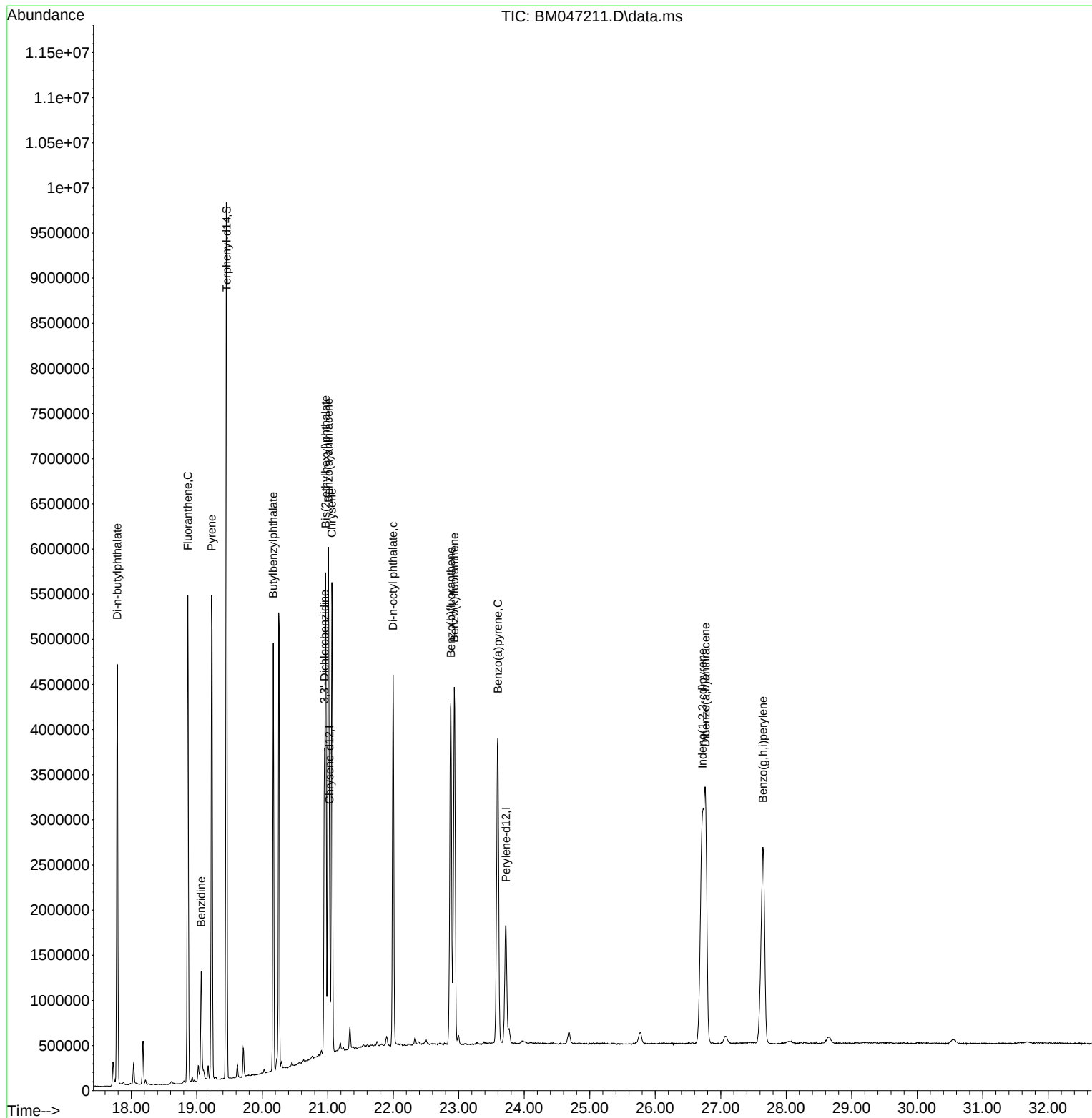
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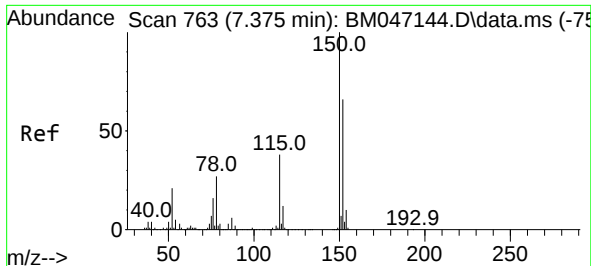


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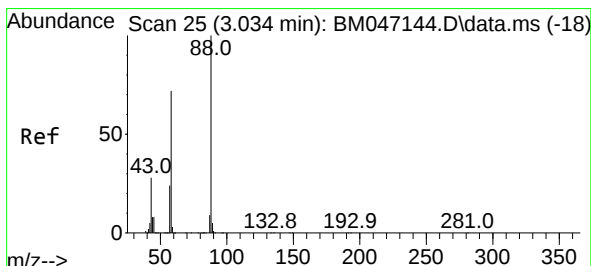
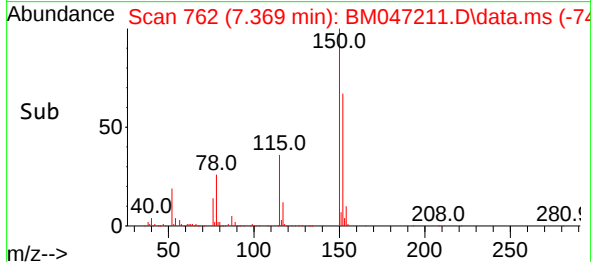
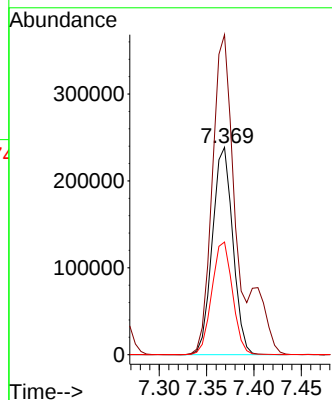
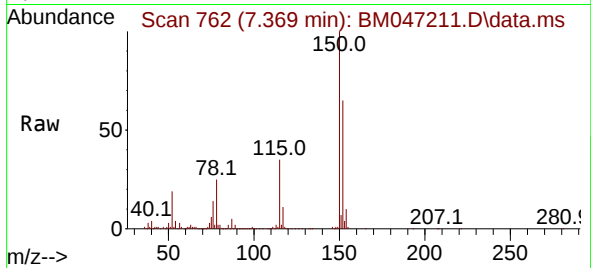




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.369 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BM047211.D
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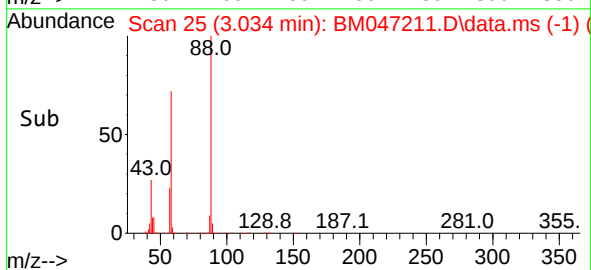
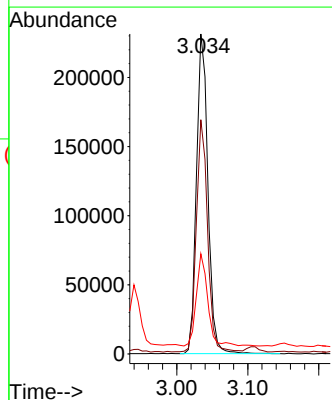
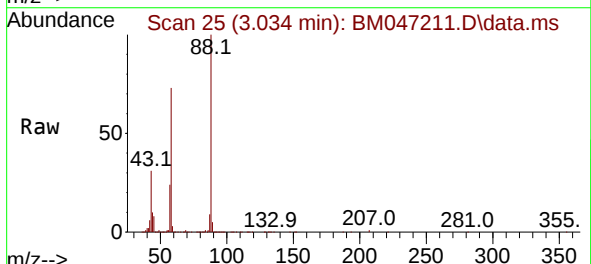
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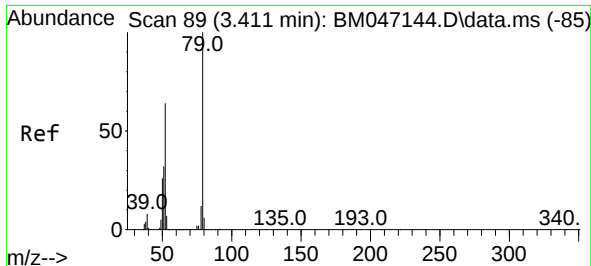
Tgt Ion:152 Resp: 359001
 Ion Ratio Lower Upper
 152 100
 150 154.4 120.5 180.7
 115 54.3 45.5 68.3



#2
 1,4-Dioxane
 Concen: 31.246 ng
 RT: 3.034 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

Tgt Ion: 88 Resp: 260109
 Ion Ratio Lower Upper
 88 100
 58 70.6 58.2 87.4
 43 28.8 22.5 33.7

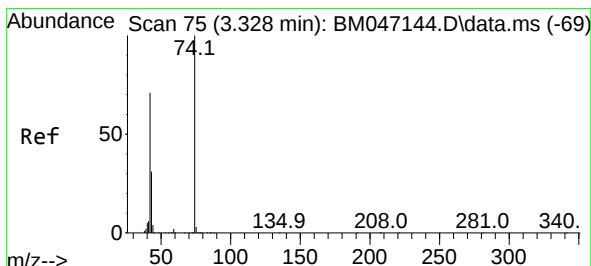
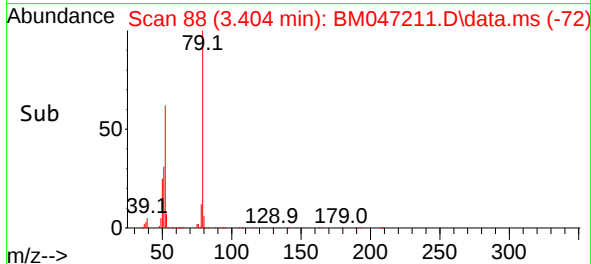
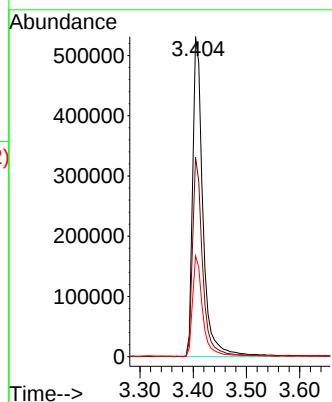
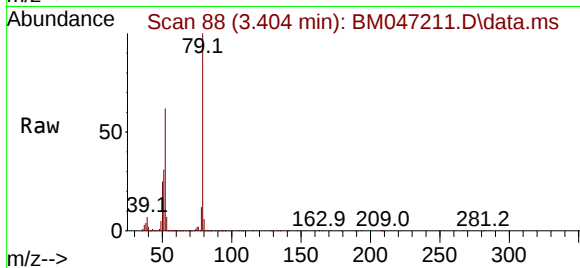




#3
 Pyridine
 Concen: 29.280 ng
 RT: 3.404 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

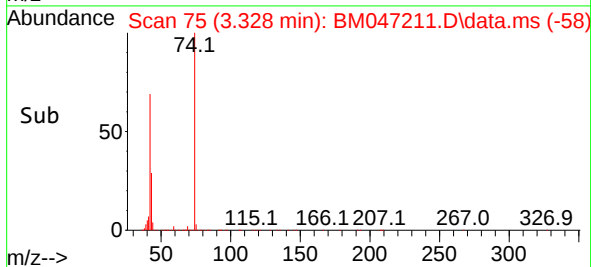
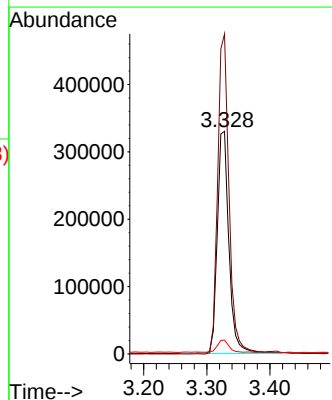
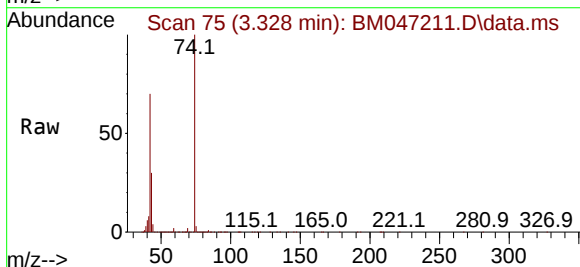
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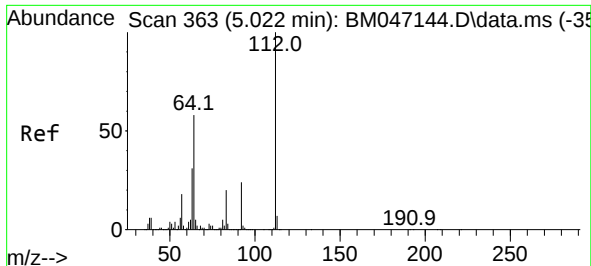
Tgt Ion: 79 Resp: 714759
 Ion Ratio Lower Upper
 79 100
 52 62.4 51.2 76.8
 51 31.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 39.476 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

Tgt Ion: 42 Resp: 421016
 Ion Ratio Lower Upper
 42 100
 74 143.8 112.9 169.3
 44 6.3 5.3 7.9

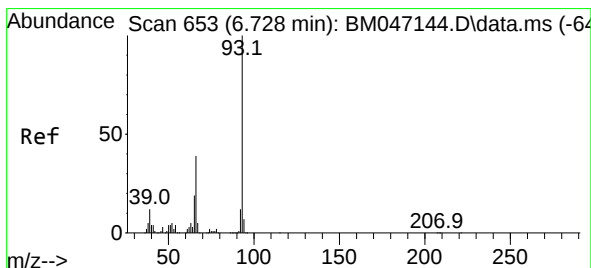
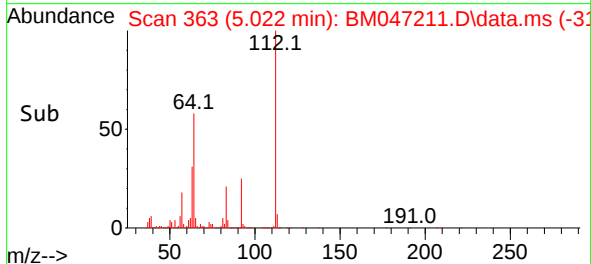
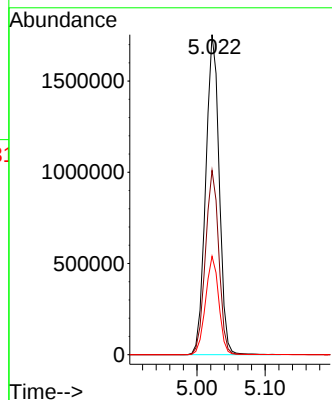
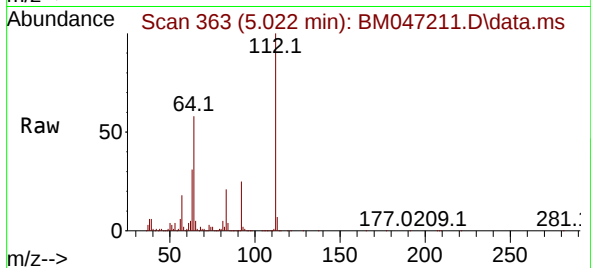




#5
2-Fluorophenol
Concen: 120.181 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047211.D
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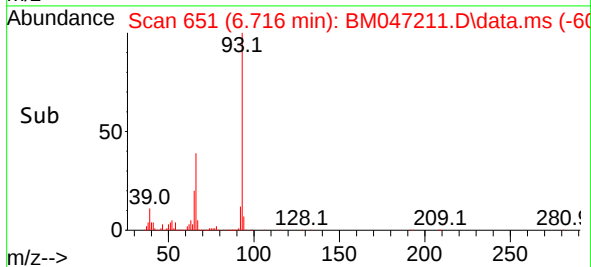
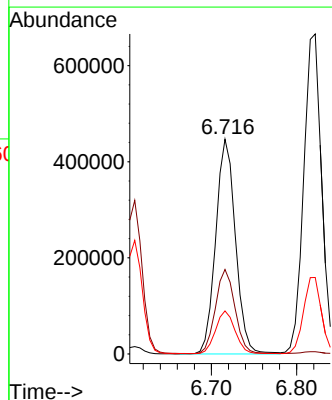
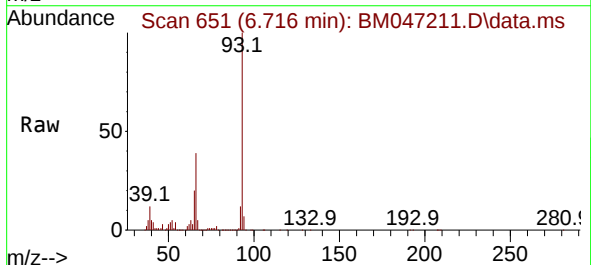
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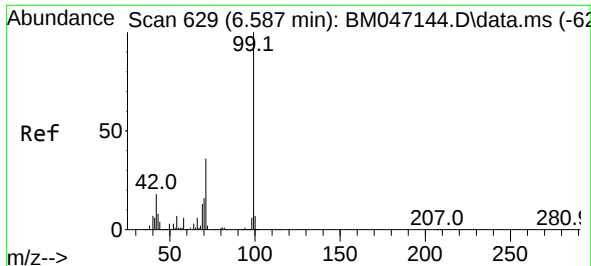
Tgt Ion:112 Resp: 2414593
Ion Ratio Lower Upper
112 100
64 57.6 46.7 70.1
63 30.7 24.8 37.2



#6
Aniline
Concen: 27.481 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion: 93 Resp: 719082
Ion Ratio Lower Upper
93 100
66 39.4 31.4 47.2
65 20.1 15.6 23.4

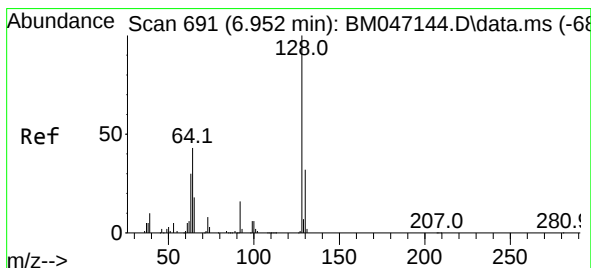
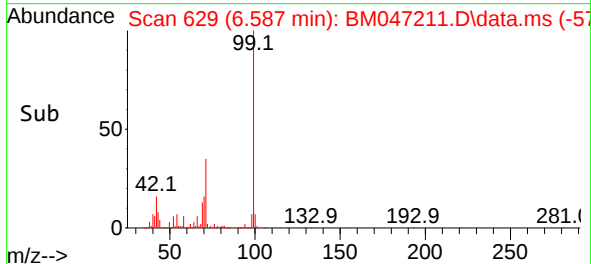
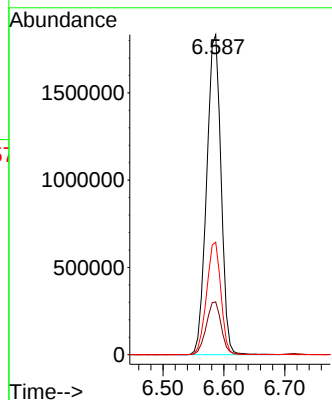
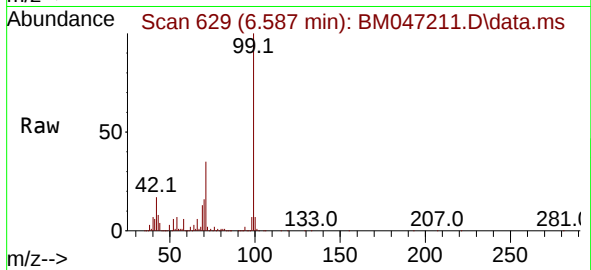




#7
Phenol-d6
Concen: 108.556 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047211.D
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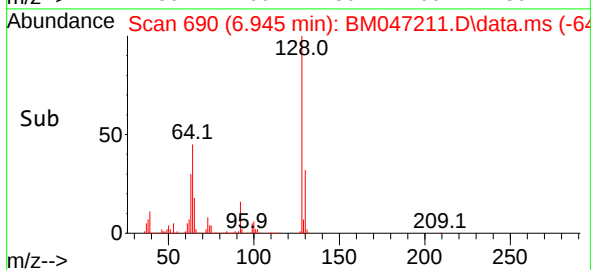
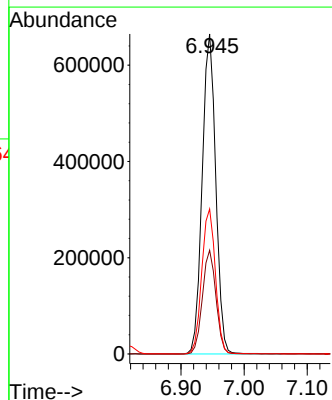
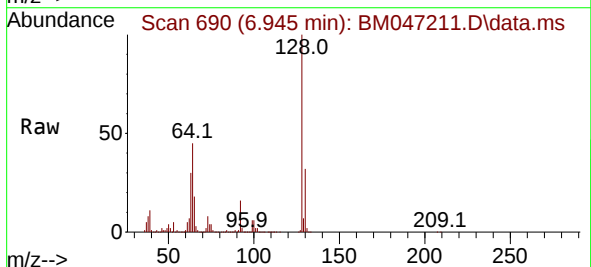
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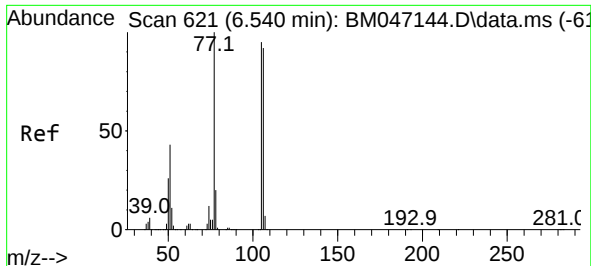
Tgt Ion: 99 Resp: 3005297
Ion Ratio Lower Upper
99 100
42 16.5 14.1 21.1
71 35.2 28.5 42.7



#8
2-Chlorophenol
Concen: 45.236 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047211.D
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Tgt Ion: 128 Resp: 991268
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 45.3 26.6 66.6

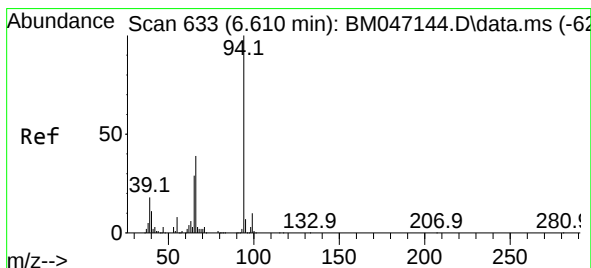
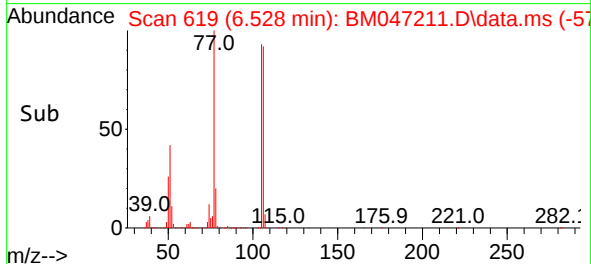
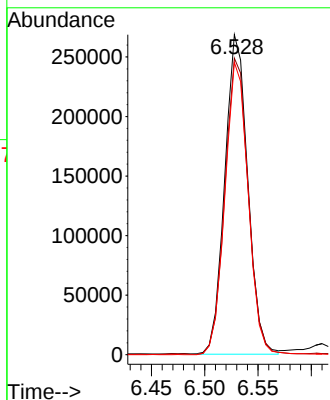
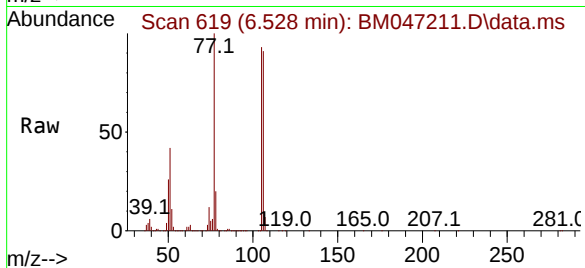




#9
Benzaldehyde
Concen: 23.640 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
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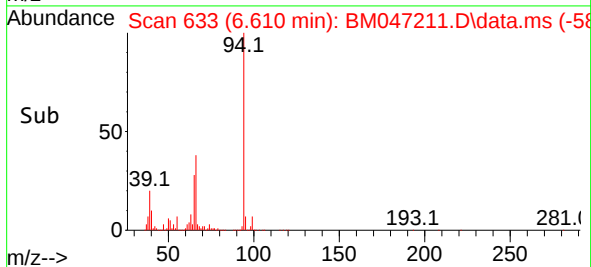
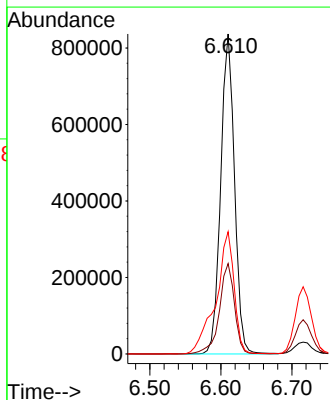
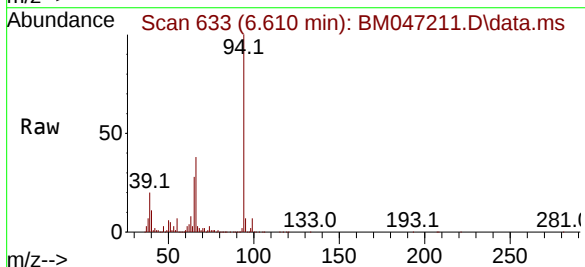
Instrument :
BNA_M
ClientSampleId :
PB162602BS

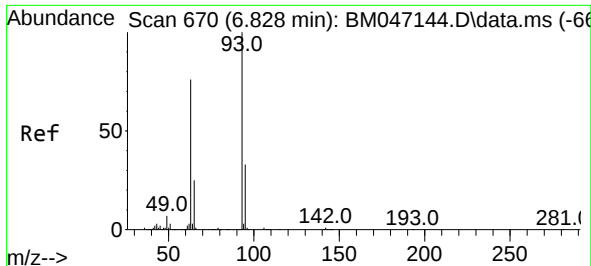
Tgt Ion: 77 Resp: 402383
Ion Ratio Lower Upper
77 100
105 92.6 74.5 114.5
106 91.3 72.3 112.3



#10
Phenol
Concen: 40.694 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion: 94 Resp: 1124141
Ion Ratio Lower Upper
94 100
65 28.3 9.0 49.0
66 38.2 18.9 58.9

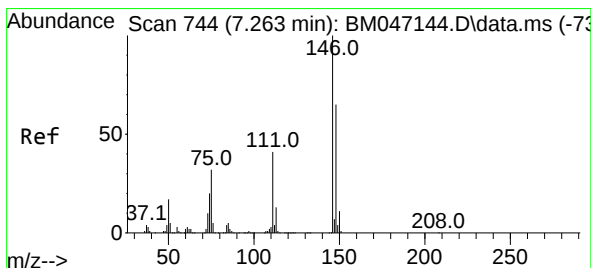
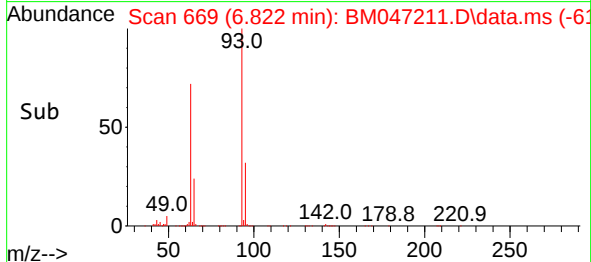
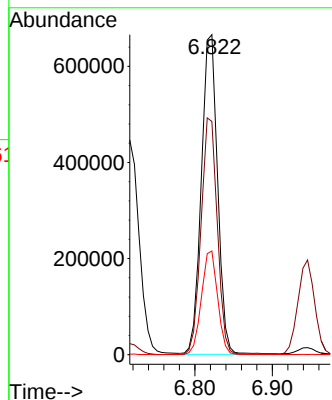
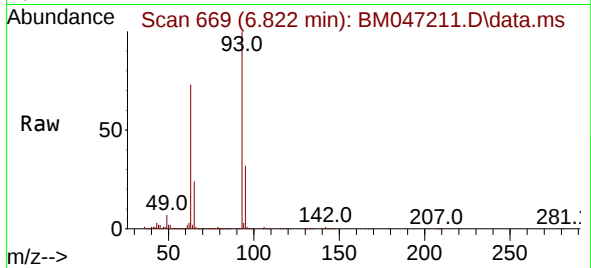




#11
bis(2-Chloroethyl)ether
Concen: 41.036 ng
RT: 6.822 min Scan# 609
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

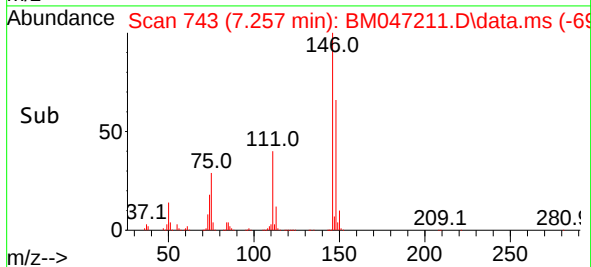
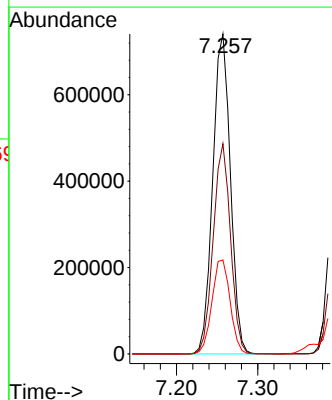
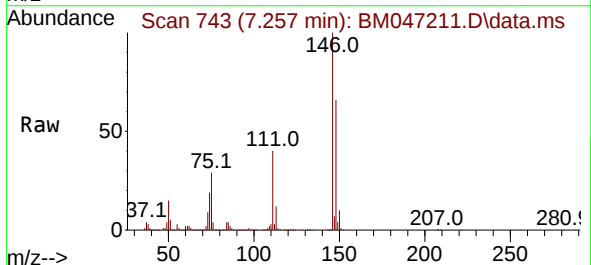
Instrument :
BNA_M
ClientSampleId :
PB162602BS

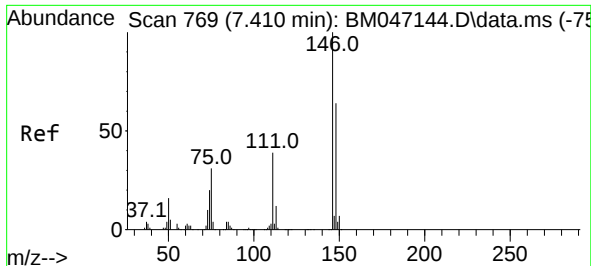
Tgt Ion: 93 Resp: 970760
Ion Ratio Lower Upper
93 100
63 72.9 55.8 95.8
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.960 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion: 146 Resp: 1118675
Ion Ratio Lower Upper
146 100
148 65.7 52.3 78.5
75 29.4 25.8 38.6

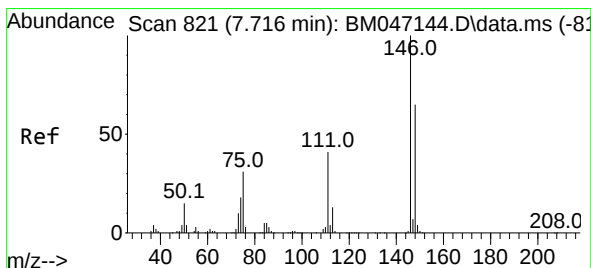
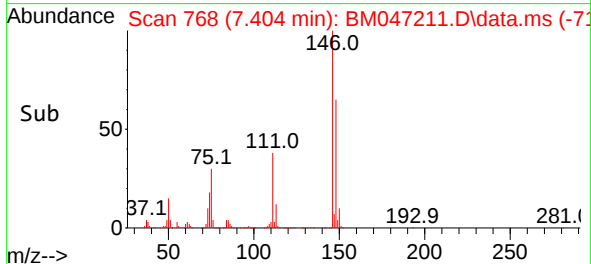
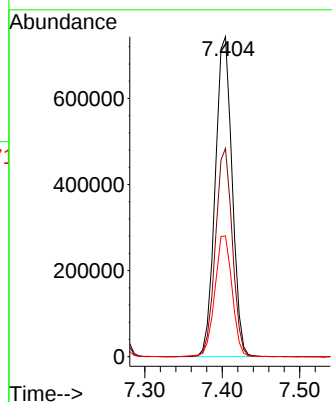
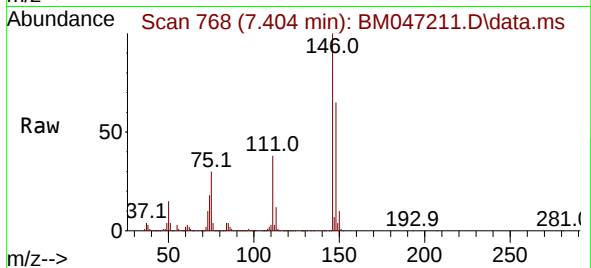




#13
1,4-Dichlorobenzene
Concen: 42.629 ng
RT: 7.404 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

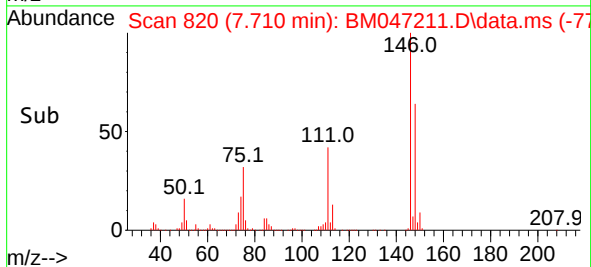
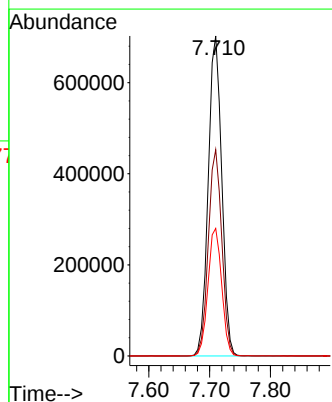
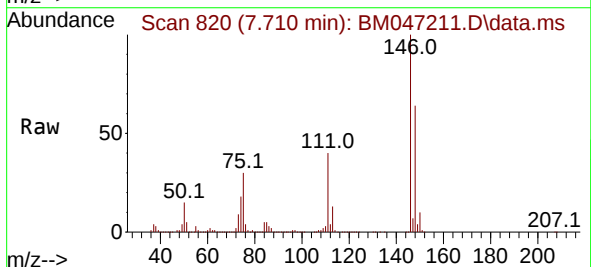
Instrument :
BNA_M
ClientSampleId :
PB162602BS

Tgt Ion:146 Resp: 1123907
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
111 37.8 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 43.523 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:146 Resp: 1082669
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 39.9 33.3 49.9

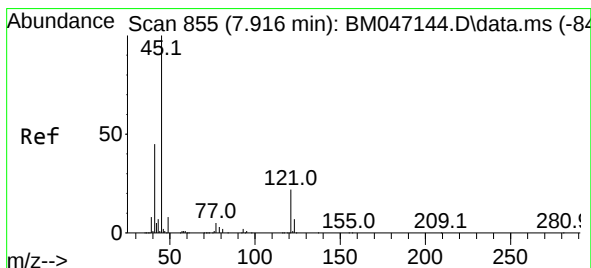
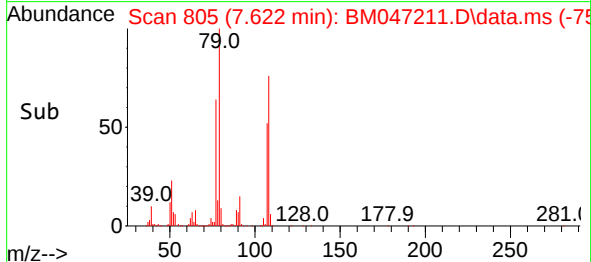
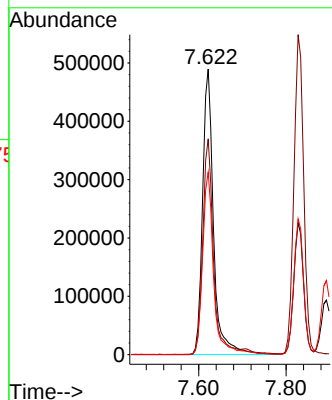
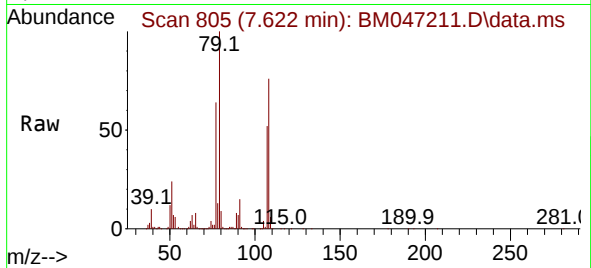




#15
Benzyl Alcohol
Concen: 43.450 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

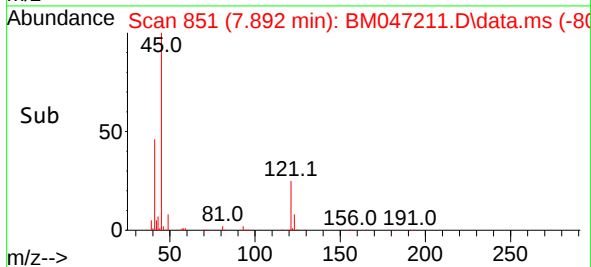
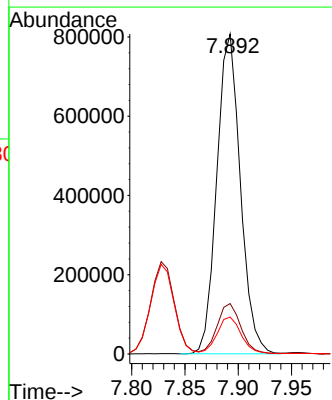
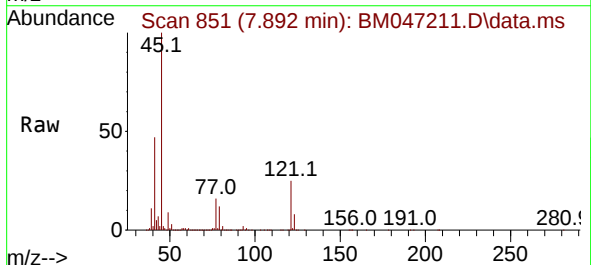
Instrument :
BNA_M
ClientSampleId :
PB162602BS

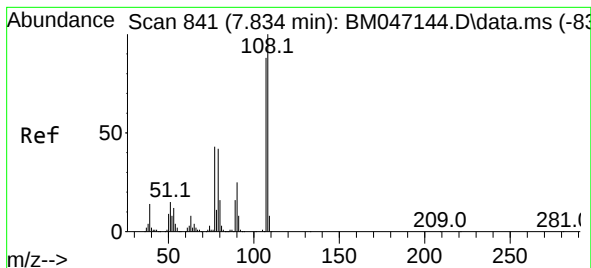
Tgt Ion: 79 Resp: 856098
Ion Ratio Lower Upper
79 100
108 75.6 59.7 89.5
77 63.9 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.787 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion: 45 Resp: 1238118
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.6
79 11.6 0.0 32.4

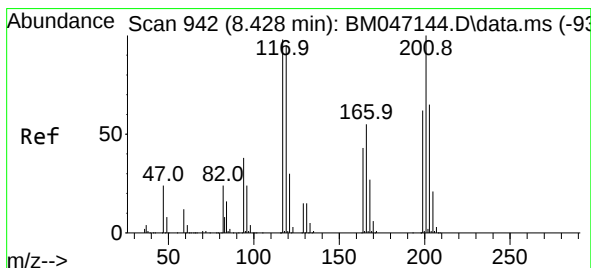
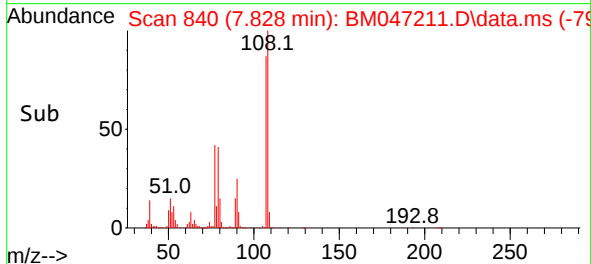
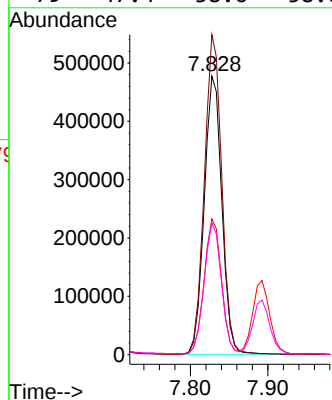
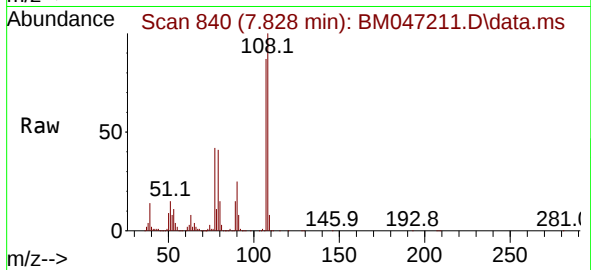




#17
2-Methylphenol
Concen: 40.703 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

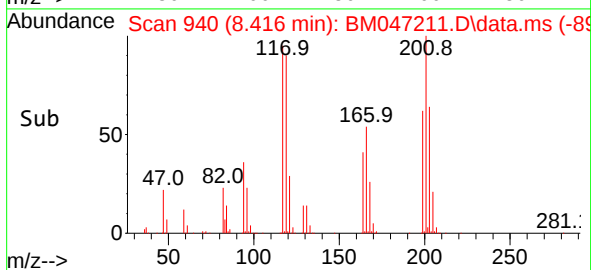
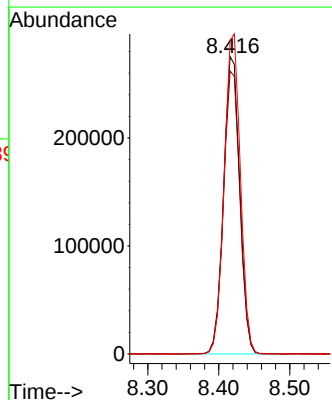
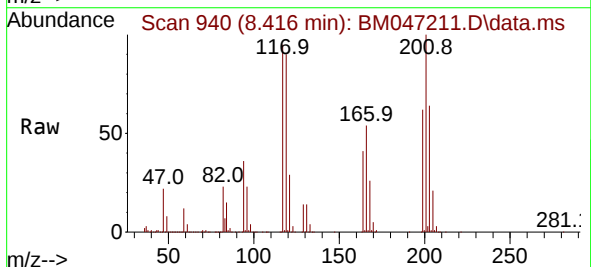
Instrument :
BNA_M
ClientSampleId :
PB162602BS

Tgt Ion:	107	Resp:	750119
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.6	135.8
77	48.8	39.3	58.9
79	47.4	38.6	58.0



#18
Hexachloroethane
Concen: 42.709 ng
RT: 8.416 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:	117	Resp:	436167
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.4
201	105.3	81.3	121.9

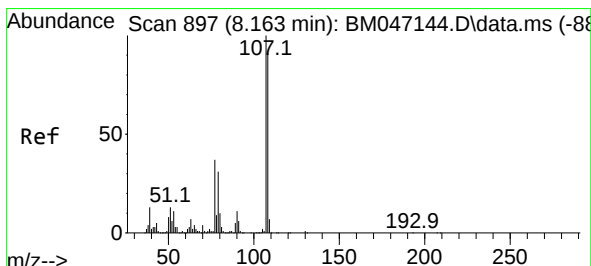
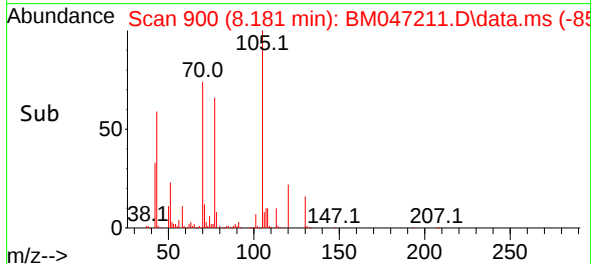
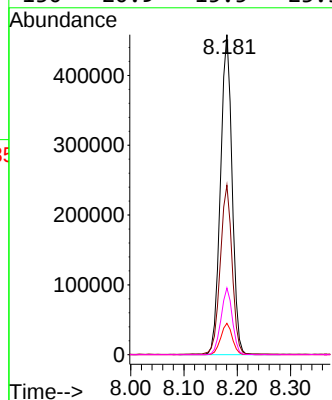
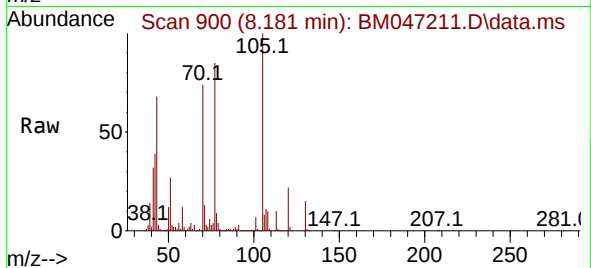




#19
n-Nitroso-di-n-propylamine
Concen: 37.203 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

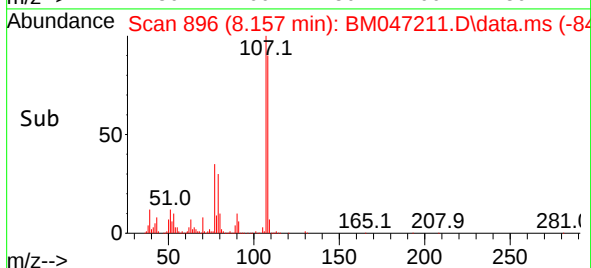
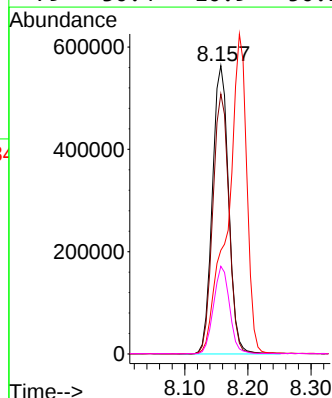
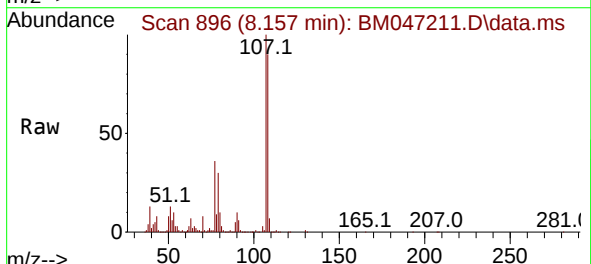
Instrument :
BNA_M
ClientSampleId :
PB162602BS

Tgt Ion: 70 Resp: 693748
Ion Ratio Lower Upper
70 100
42 52.9 42.0 63.0
101 9.8 7.2 10.8
130 20.9 15.5 23.3



#20
3+4-Methylphenols
Concen: 39.176 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion: 107 Resp: 1009350
Ion Ratio Lower Upper
107 100
108 90.2 70.7 110.7
77 35.9 17.4 57.4
79 30.4 10.9 50.9

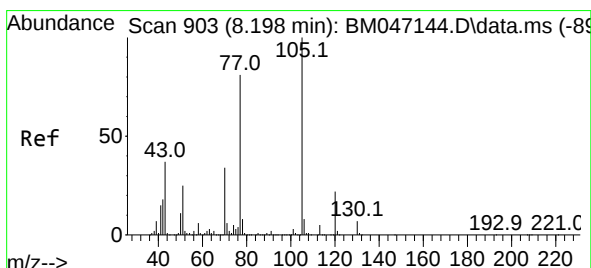
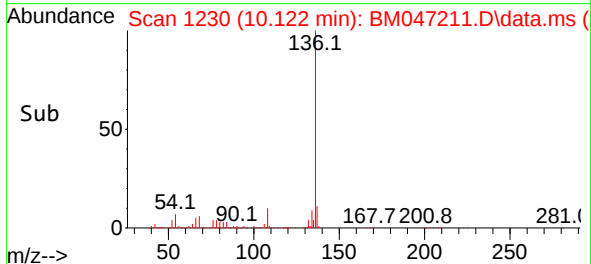
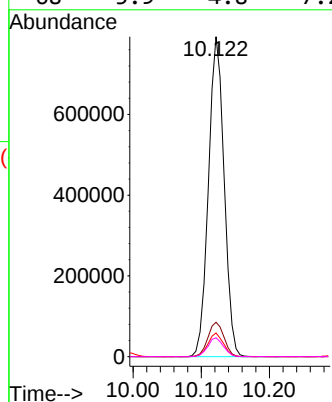
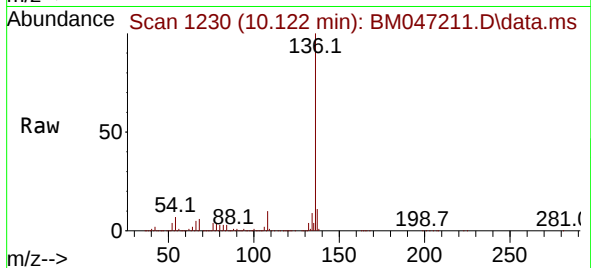




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

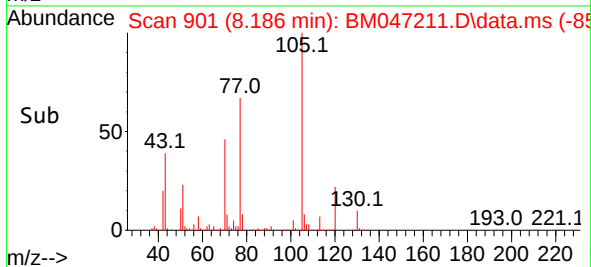
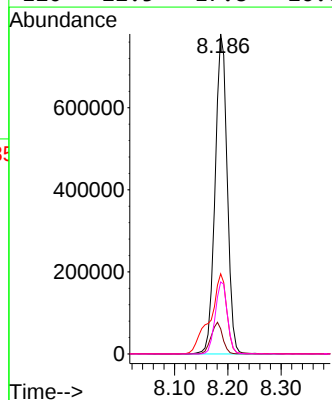
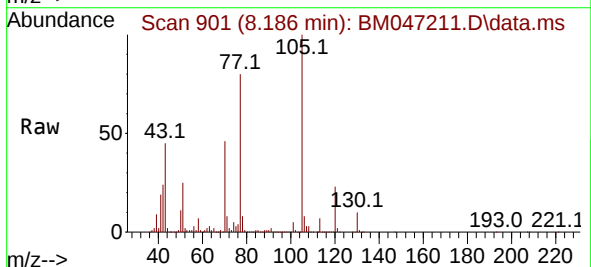
Instrument :
BNA_M
ClientSampleId :
PB162602BS

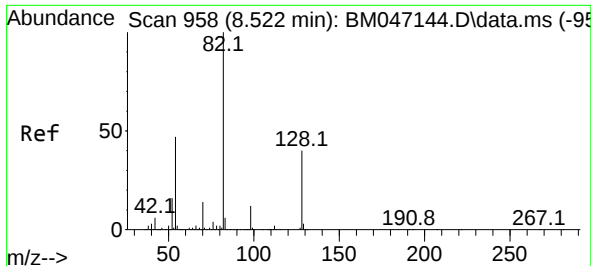
Tgt Ion:136 Resp: 1265668
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 6.0 9.0
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 40.137 ng
RT: 8.186 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:105 Resp: 1226238
Ion Ratio Lower Upper
105 100
71 7.9 4.5 6.7#
51 25.1 20.1 30.1
120 22.5 17.8 26.6

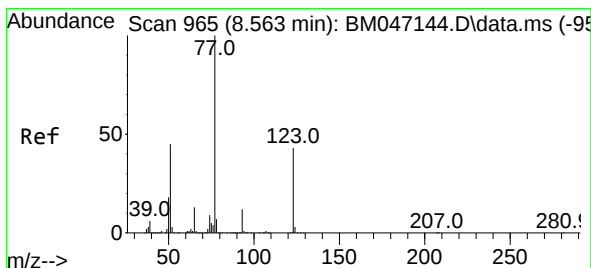
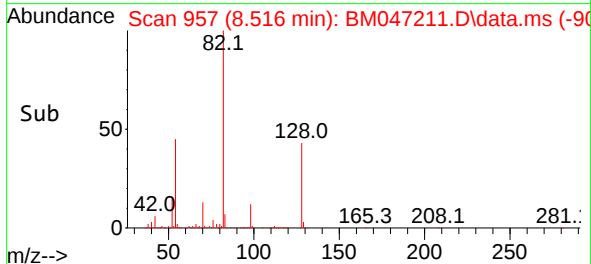
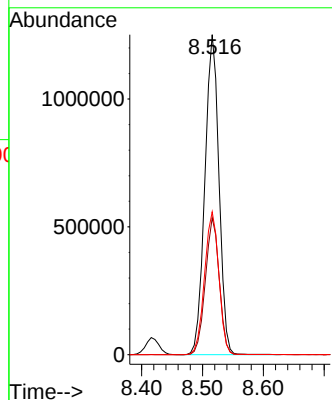
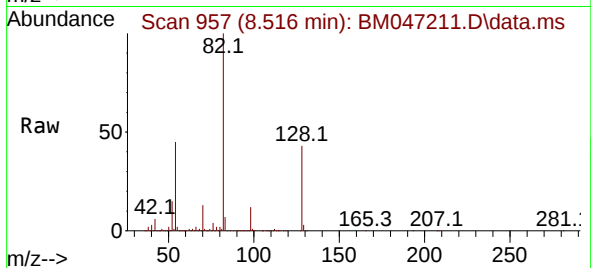




#23
Nitrobenzene-d5
Concen: 80.229 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

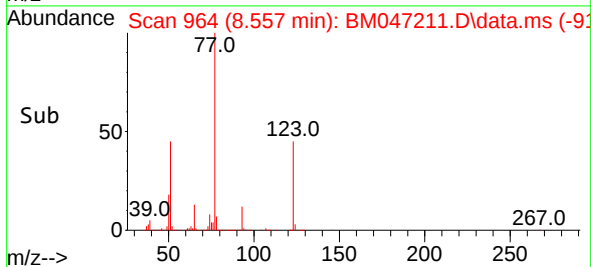
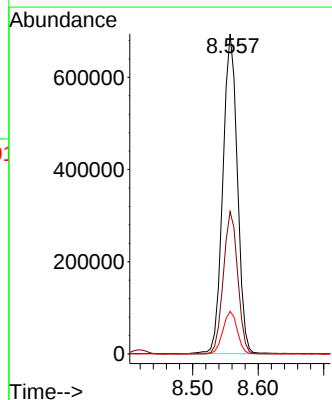
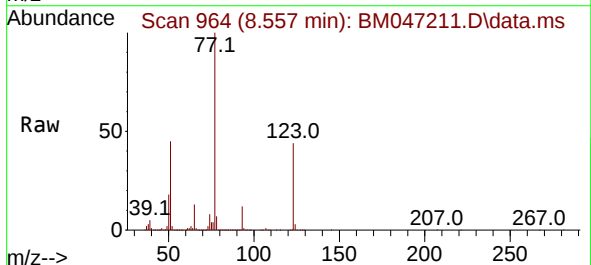
Instrument :
BNA_M
ClientSampleId :
PB162602BS

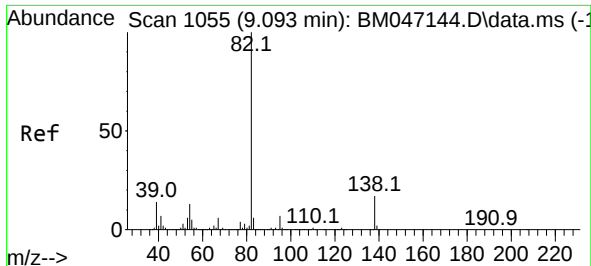
Tgt Ion: 82 Resp: 2016627
Ion Ratio Lower Upper
82 100
128 42.8 32.3 48.5
54 44.6 37.4 56.2



#24
Nitrobenzene
Concen: 41.950 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion: 77 Resp: 1061761
Ion Ratio Lower Upper
77 100
123 44.5 34.0 51.0
65 13.3 10.5 15.7





#25

Isophorone

Concen: 43.128 ng

RT: 9.080 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

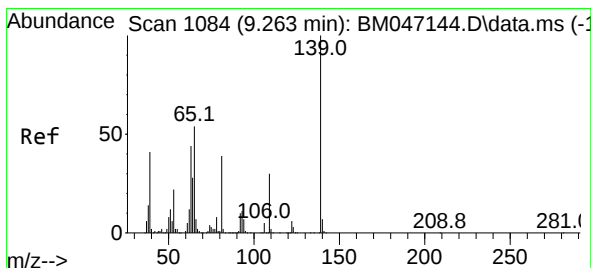
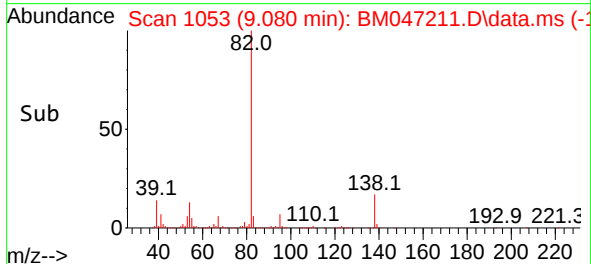
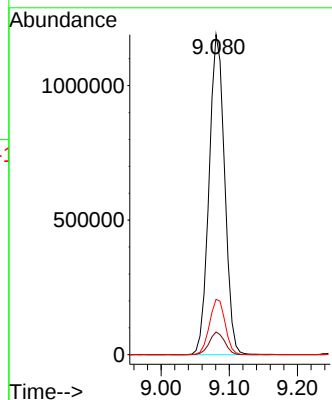
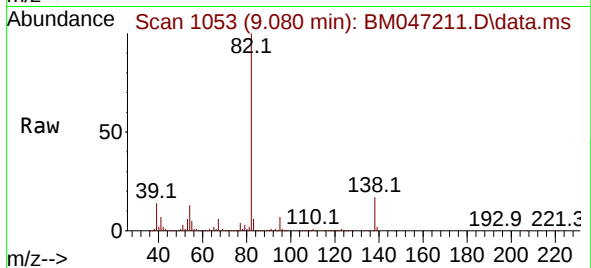
Tgt Ion: 82 Resp: 1887505

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 48.364 ng

RT: 9.257 min Scan# 1083

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

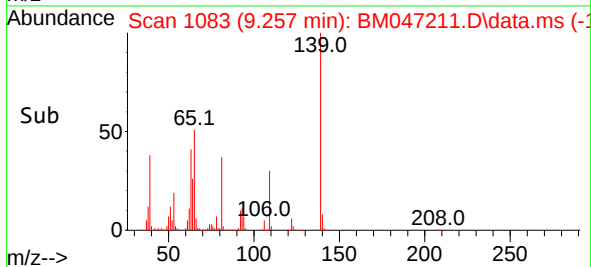
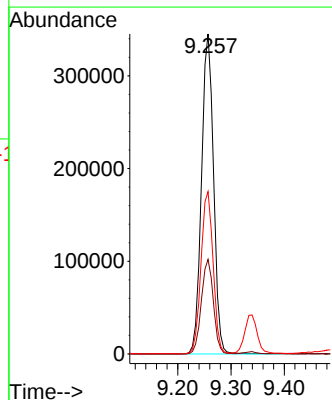
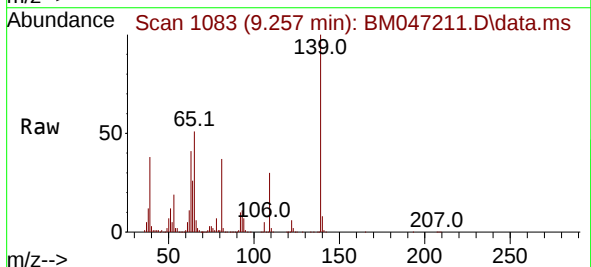
Tgt Ion:139 Resp: 542109

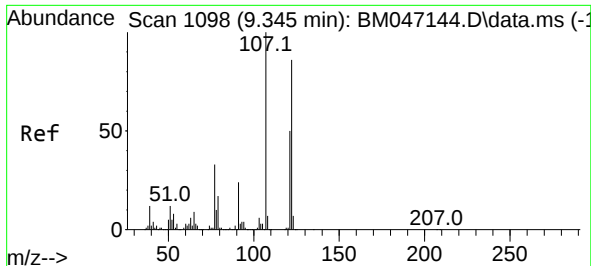
Ion Ratio Lower Upper

139 100

109 29.5 24.4 36.6

65 50.8 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 48.818 ng

RT: 9.339 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

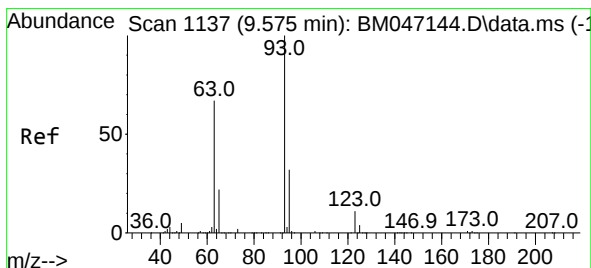
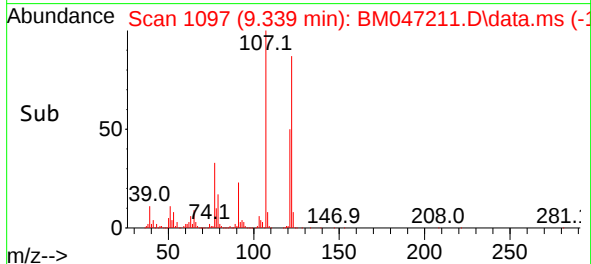
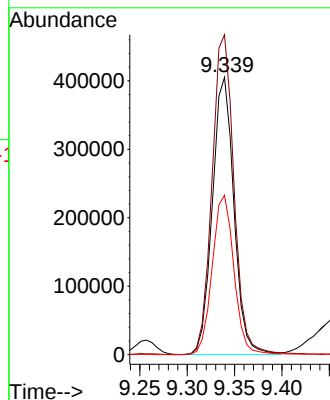
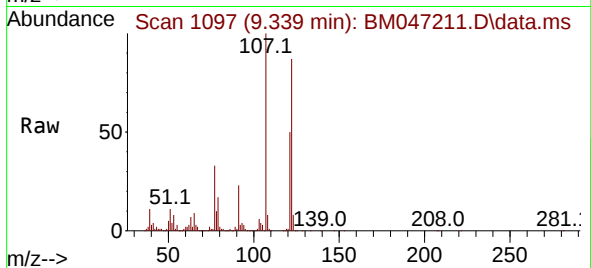
Tgt Ion:122 Resp: 640992

Ion Ratio Lower Upper

122 100

107 115.3 92.8 139.2

121 57.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.940 ng

RT: 9.569 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

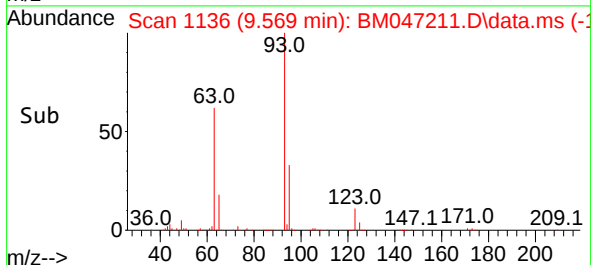
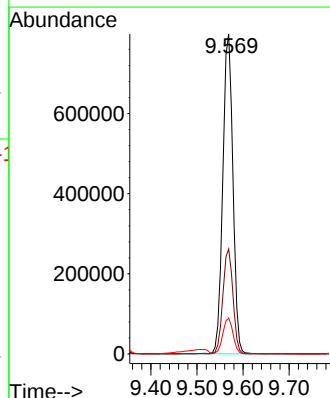
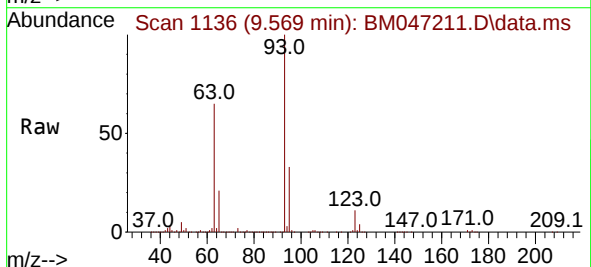
Tgt Ion: 93 Resp: 1210036

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.2 9.0 13.4



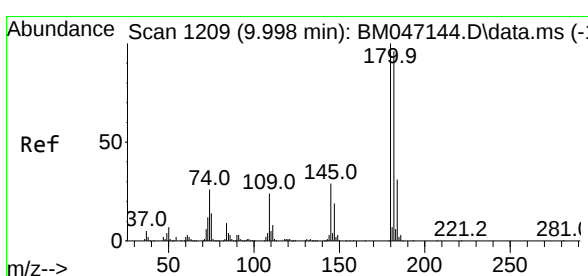
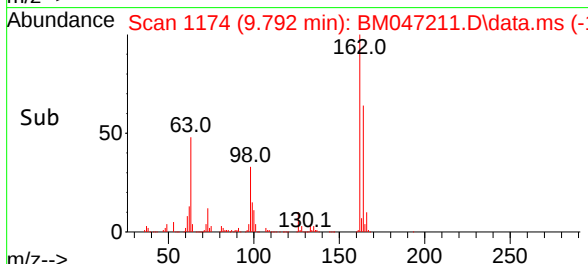
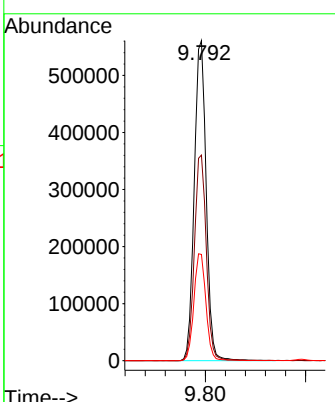
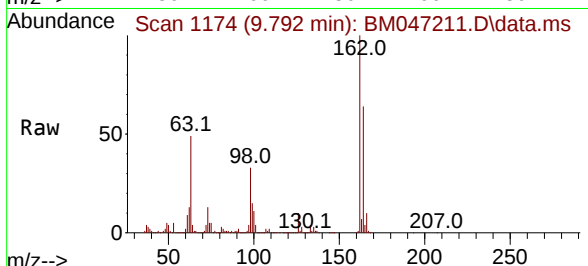


#29
 2,4-Dichlorophenol
 Concen: 47.439 ng
 RT: 9.792 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

Instrument :
 BNA_M
 ClientSampleId :
 PB162602BS

Tgt Ion:162 Resp: 924218

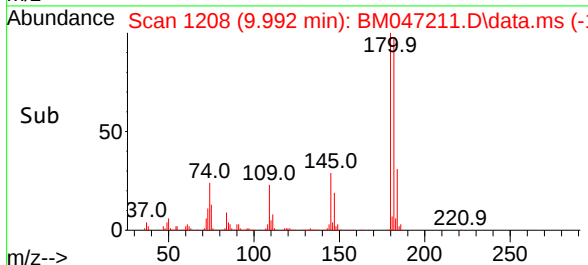
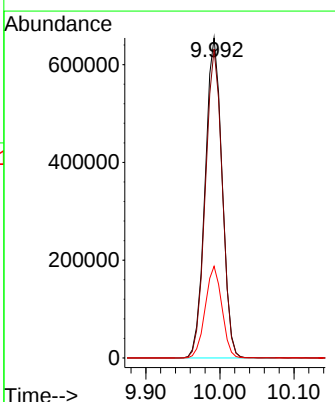
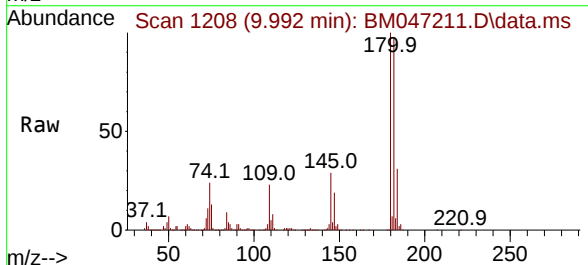
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.7	84.7
98	33.2	14.9	54.9

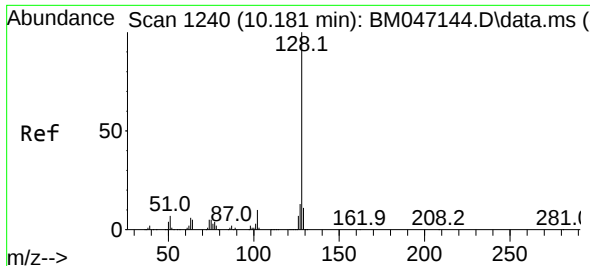


#30
 1,2,4-Trichlorobenzene
 Concen: 47.126 ng
 RT: 9.992 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

Tgt Ion:180 Resp: 1039012

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	115.0
145	28.6	23.4	35.2

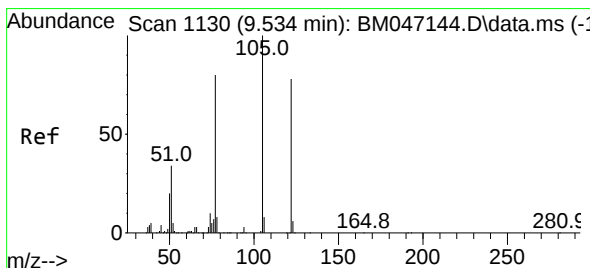
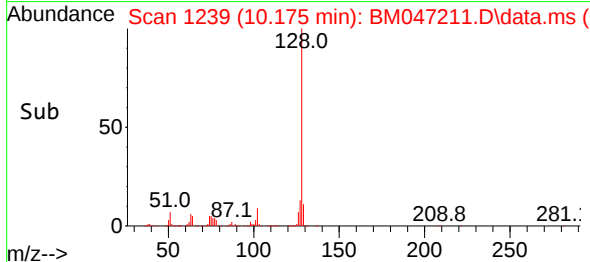
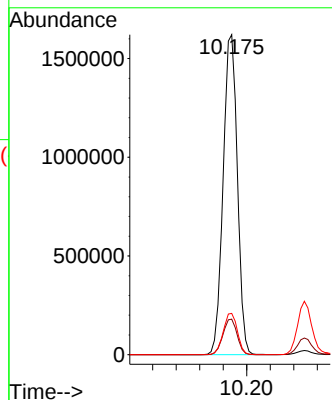
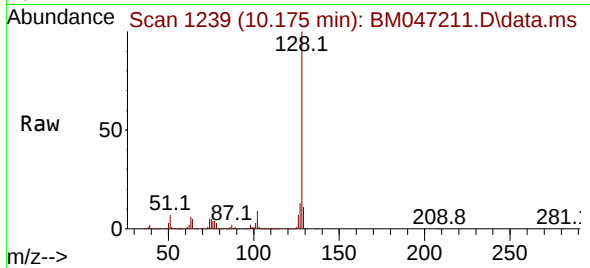




#31
Naphthalene
Concen: 43.136 ng
RT: 10.175 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

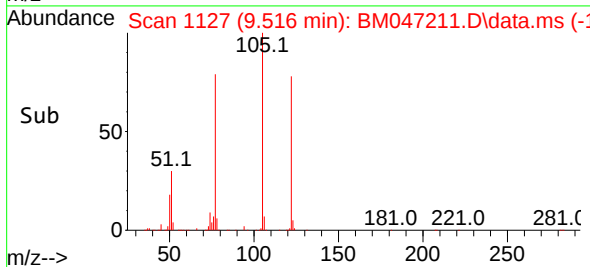
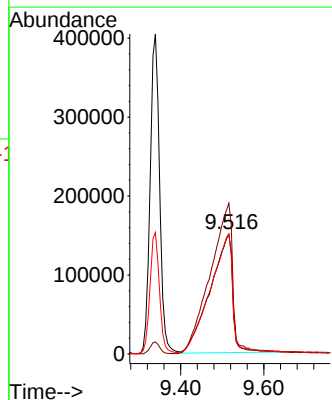
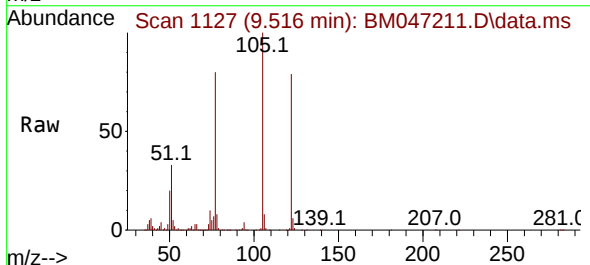
Instrument :
BNA_M
ClientSampleId :
PB162602BS

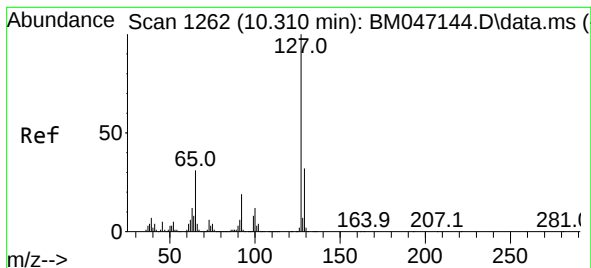
Tgt Ion:128 Resp: 2719753
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 36.925 ng
RT: 9.516 min Scan# 1127
Delta R.T. -0.018 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:122 Resp: 563279
Ion Ratio Lower Upper
122 100
105 125.8 107.1 147.1
77 100.2 82.1 122.1

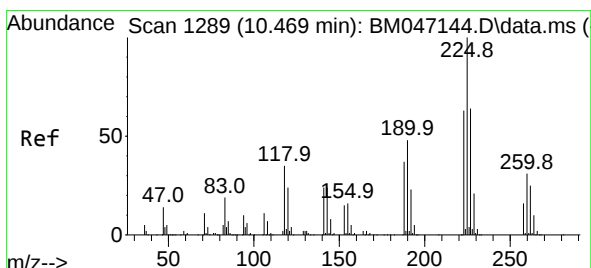
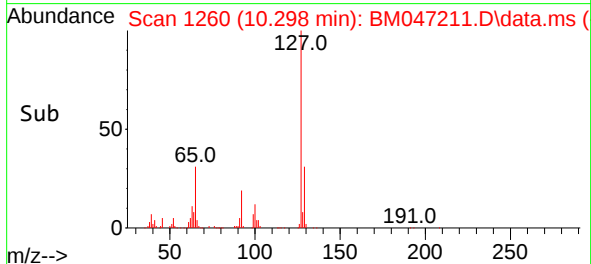
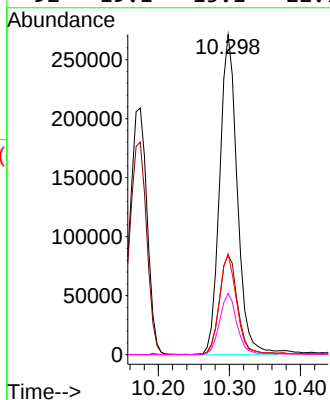
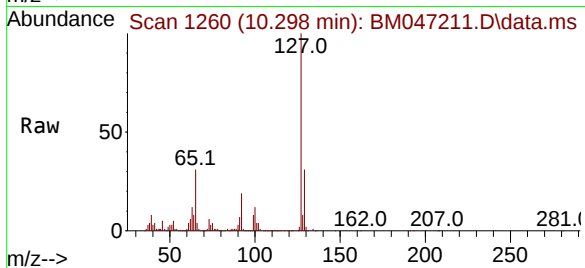




#33
4-Chloroaniline
Concen: 19.225 ng
RT: 10.298 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

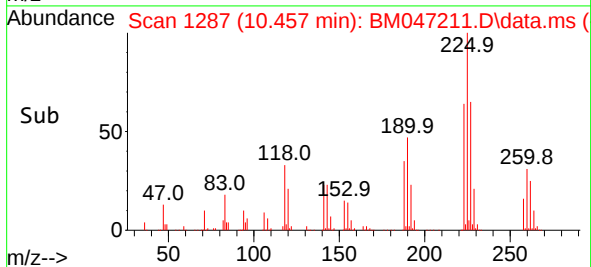
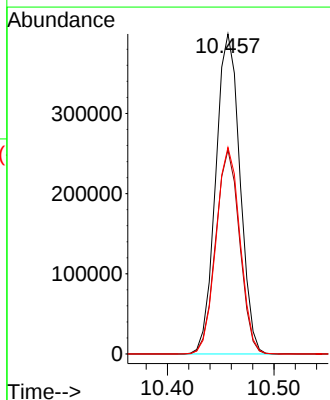
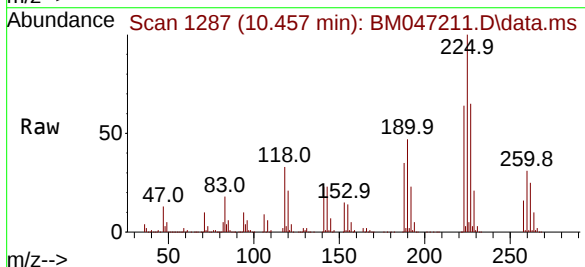
Instrument :
BNA_M
ClientSampleId :
PB162602BS

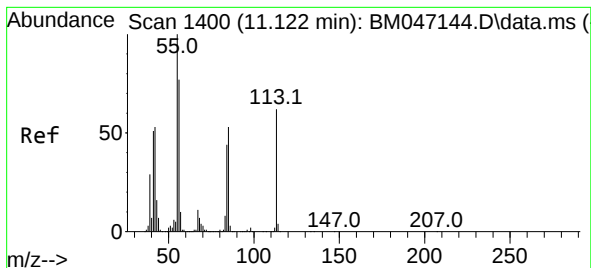
Tgt Ion:127	Resp: 466149
Ion Ratio	Lower Upper
127 100	
129 31.2	25.8 38.8
65 31.5	24.9 37.3
92 19.1	15.1 22.7



#34
Hexachlorobutadiene
Concen: 48.809 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:225	Resp: 629858
Ion Ratio	Lower Upper
225 100	
223 63.7	50.2 75.2
227 64.5	51.4 77.0

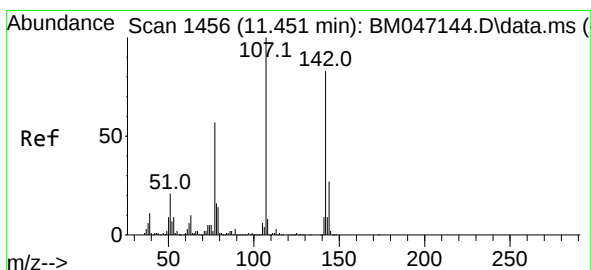
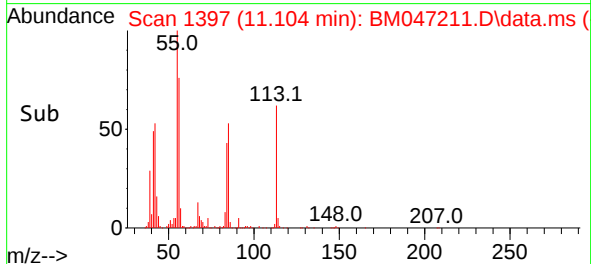
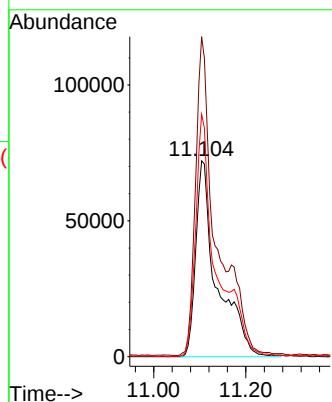
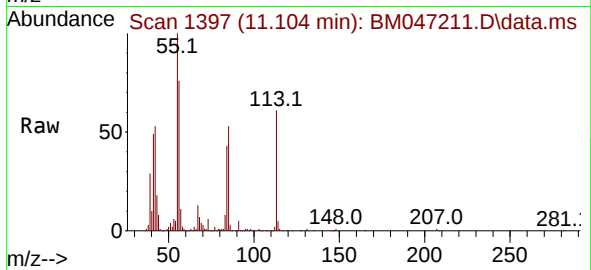




#35
Caprolactam
Concen: 34.028 ng
RT: 11.104 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

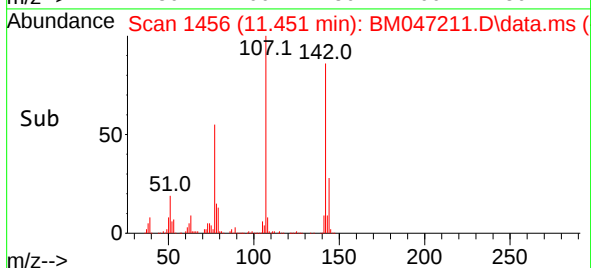
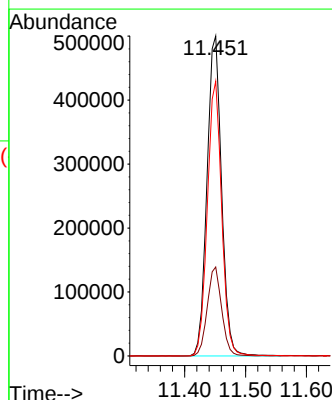
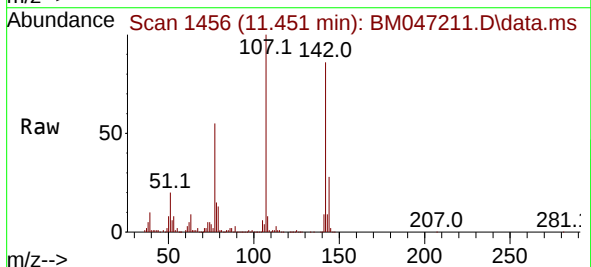
Instrument :
BNA_M
ClientSampleId :
PB162602BS

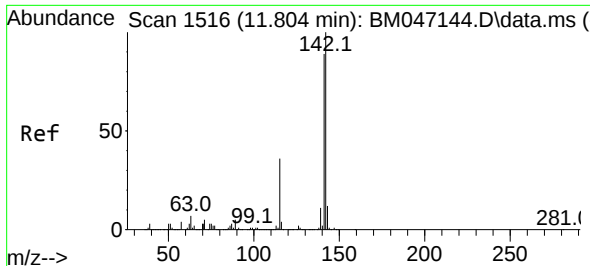
Tgt Ion:113 Resp: 230226
Ion Ratio Lower Upper
113 100
55 163.4 140.5 180.5
56 123.7 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 40.165 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:107 Resp: 833358
Ion Ratio Lower Upper
107 100
144 27.8 21.8 32.6
142 85.8 66.8 100.2

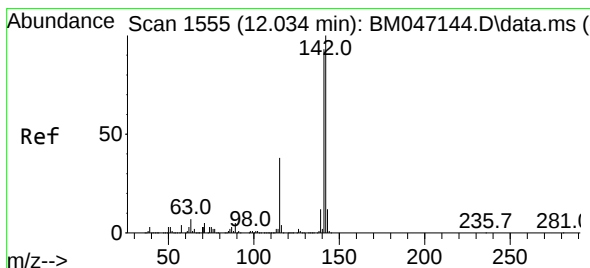
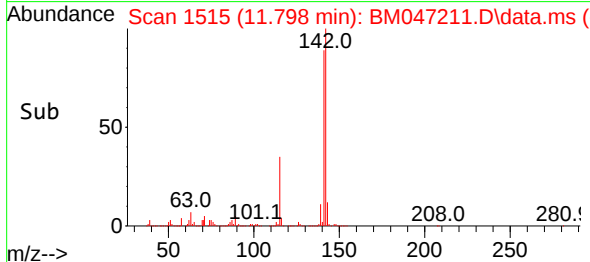
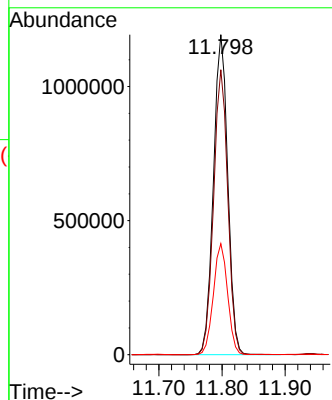
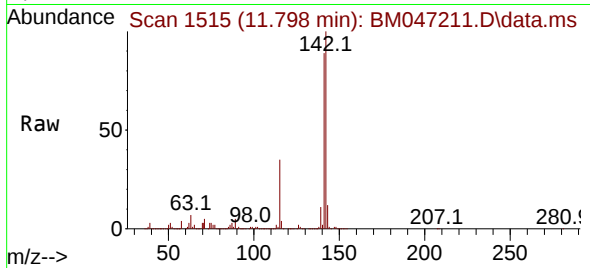




#37
2-Methylnaphthalene
Concen: 41.880 ng
RT: 11.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

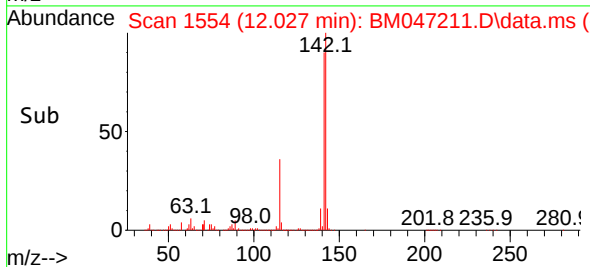
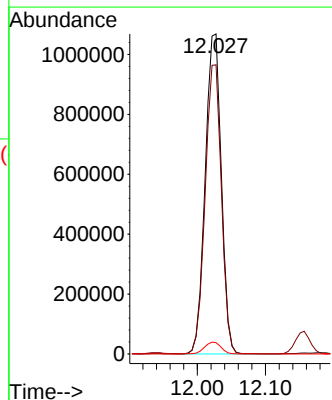
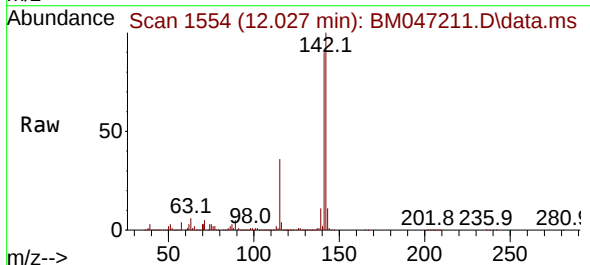
Instrument :
BNA_M
ClientSampleId :
PB162602BS

Tgt Ion:142 Resp: 1880100
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3
115 34.7 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.579 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:142 Resp: 1756034
Ion Ratio Lower Upper
142 100
141 90.3 74.6 111.8
116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

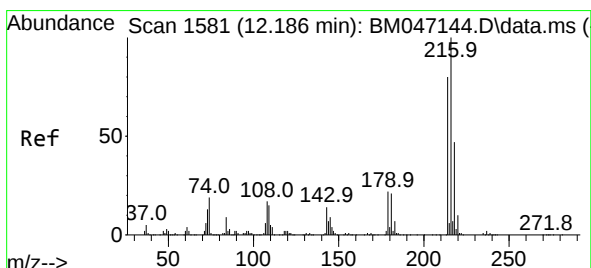
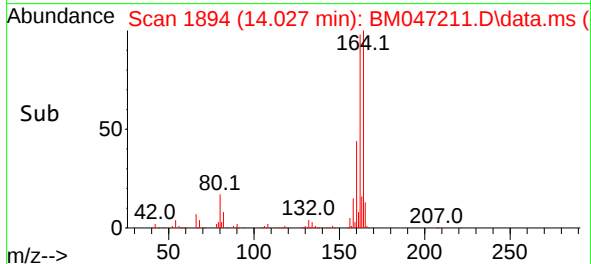
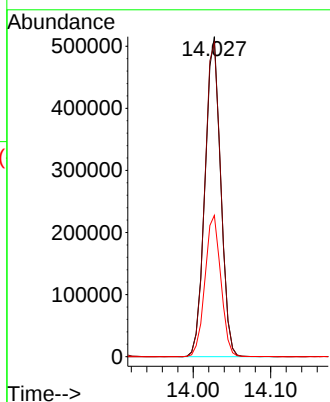
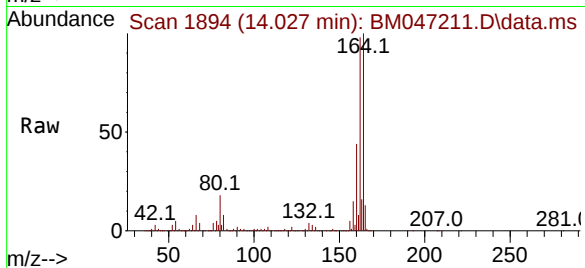
Tgt Ion:164 Resp: 723649

Ion Ratio Lower Upper

164 100

162 98.2 80.7 121.1

160 44.2 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.108 ng

RT: 12.180 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Tgt Ion:216 Resp: 969280

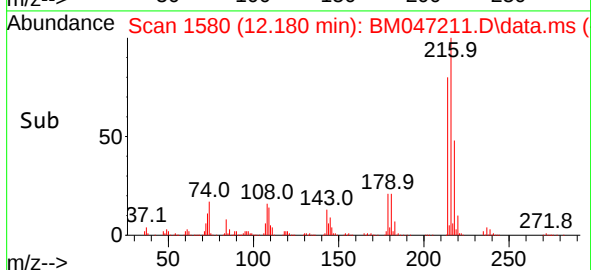
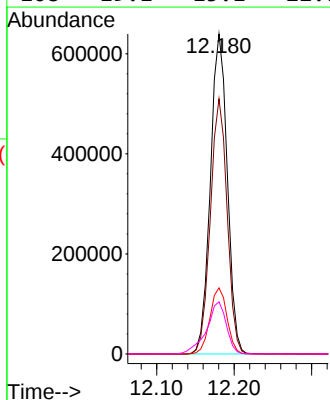
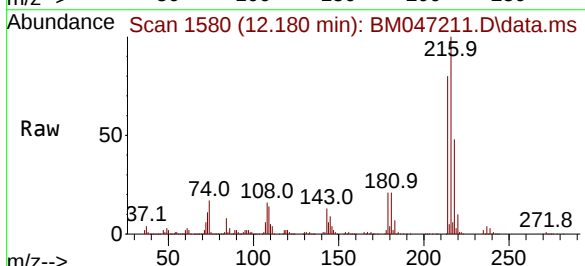
Ion Ratio Lower Upper

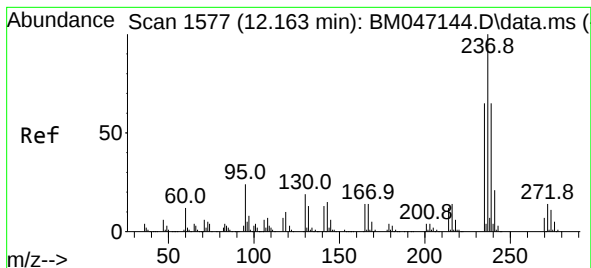
216 100

214 78.9 63.4 95.2

179 20.8 17.6 26.4

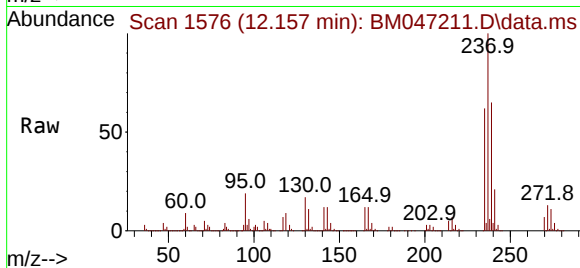
108 19.1 15.1 22.7



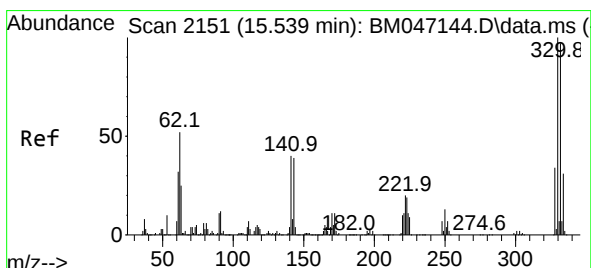
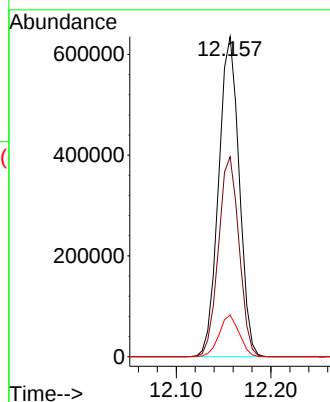
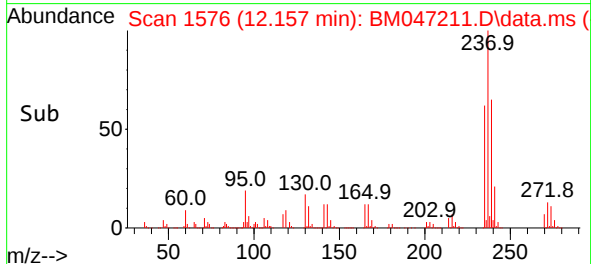


#41
Hexachlorocyclopentadiene
Concen: 139.133 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

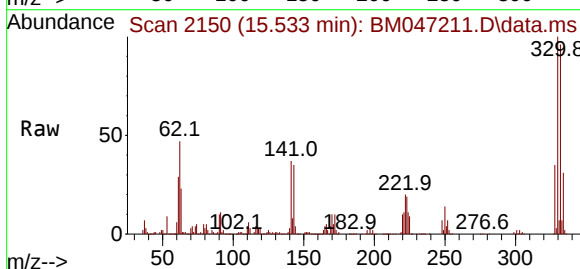
Instrument :
BNA_M
ClientSampleId :
PB162602BS



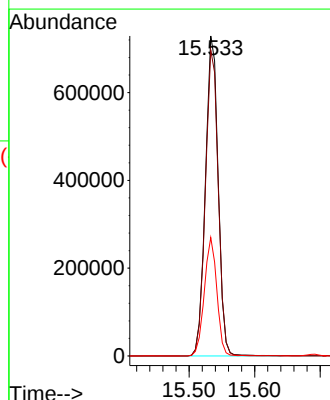
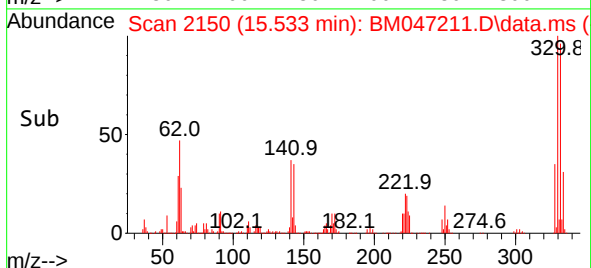
Tgt Ion:237 Resp: 958934
Ion Ratio Lower Upper
237 100
235 62.5 44.8 84.8
272 13.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 117.773 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11



Tgt Ion:330 Resp: 988209
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 36.4 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 50.195 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

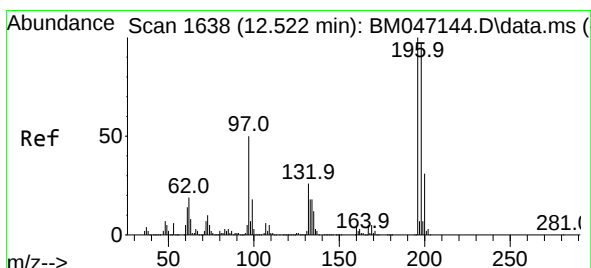
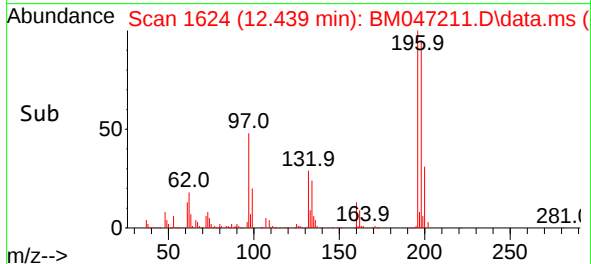
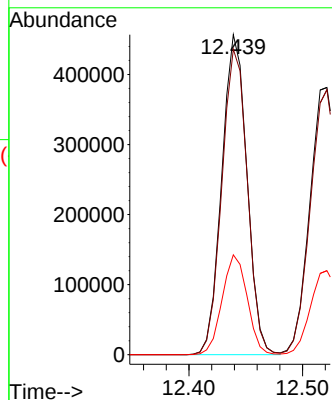
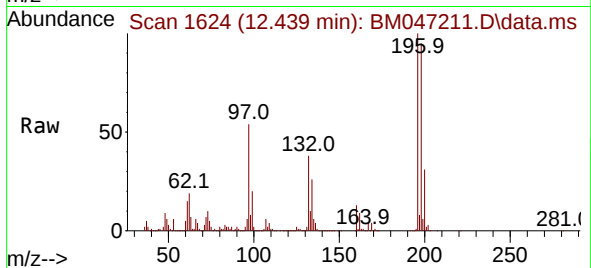
Tgt Ion:196 Resp: 704190

Ion Ratio Lower Upper

196 100

198 95.5 75.6 113.4

200 31.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 44.624 ng

RT: 12.521 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Tgt Ion:196 Resp: 695085

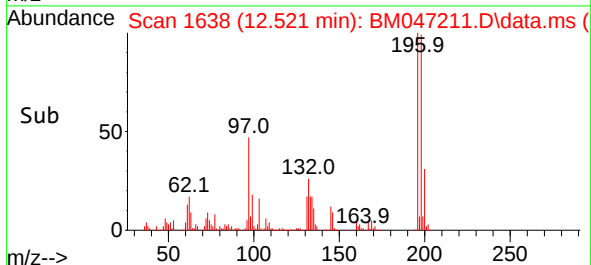
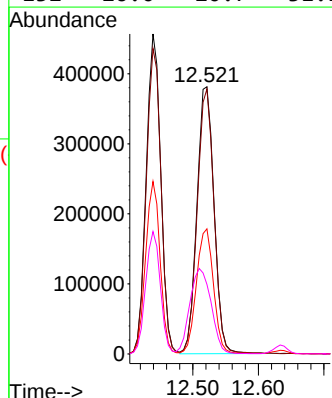
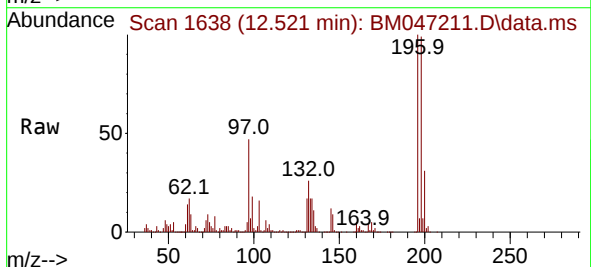
Ion Ratio Lower Upper

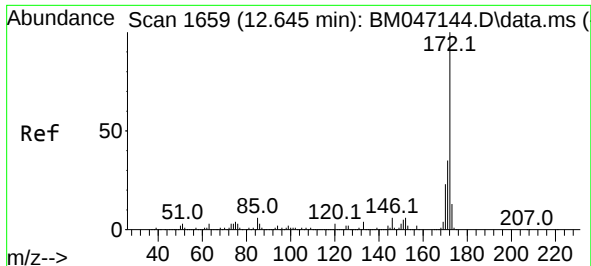
196 100

198 99.1 77.7 116.5

97 46.8 39.8 59.8

132 26.0 20.7 31.1

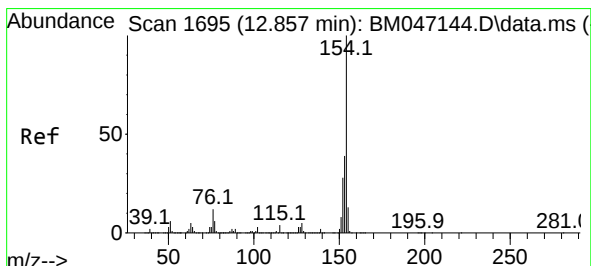
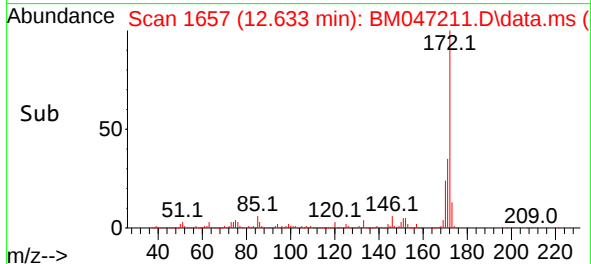
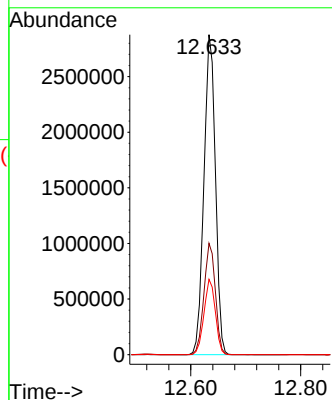
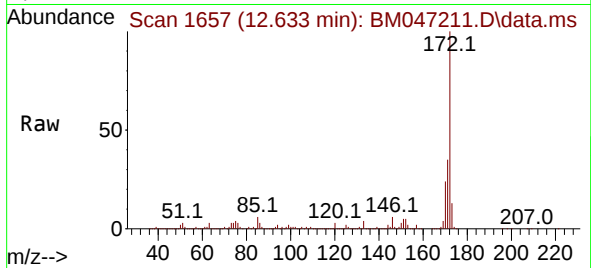




#45
2-Fluorobiphenyl
Concen: 88.910 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

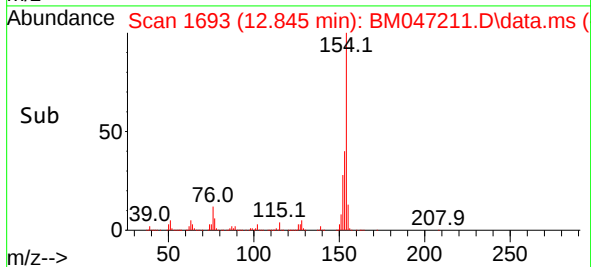
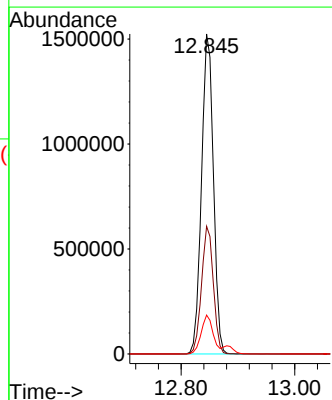
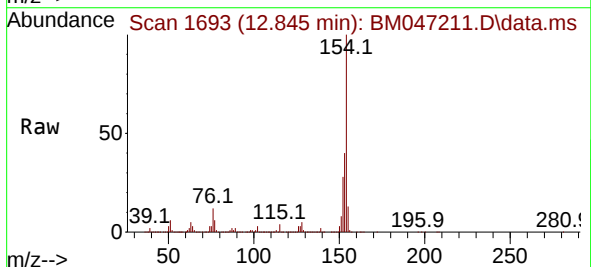
Instrument :
BNA_M
ClientSampleId :
PB162602BS

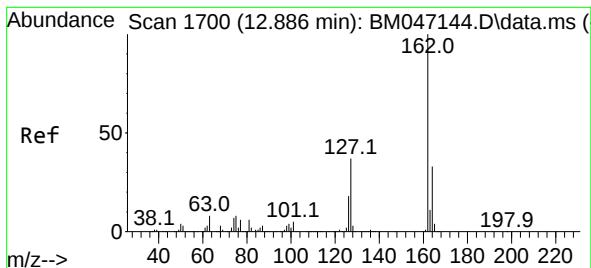
Tgt Ion:172 Resp: 4171051
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.959 ng
RT: 12.845 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:154 Resp: 2213134
Ion Ratio Lower Upper
154 100
153 39.9 19.0 59.0
76 12.1 0.0 31.9





#47

2-Chloronaphthalene

Concen: 45.444 ng

RT: 12.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

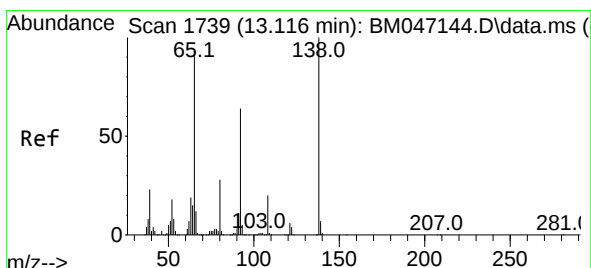
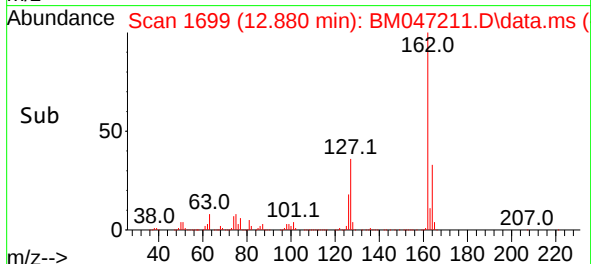
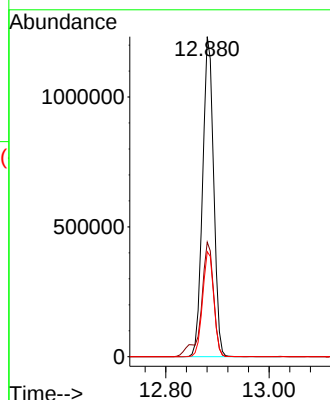
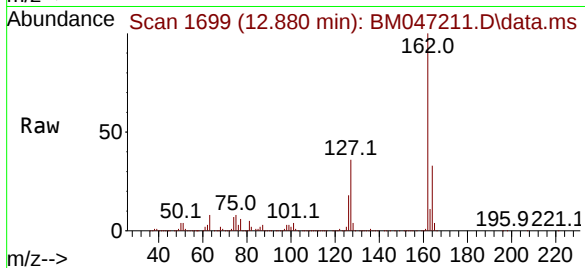
Tgt Ion:162 Resp: 1829852

Ion Ratio Lower Upper

162 100

127 35.8 30.0 45.0

164 32.8 26.3 39.5



#48

2-Nitroaniline

Concen: 42.528 ng

RT: 13.110 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

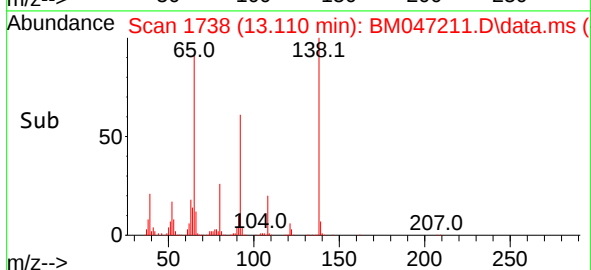
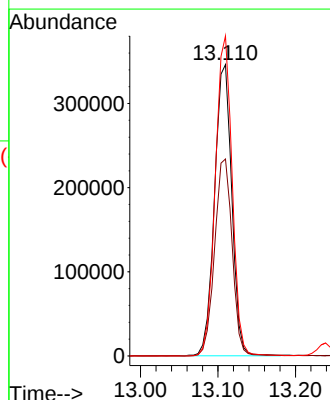
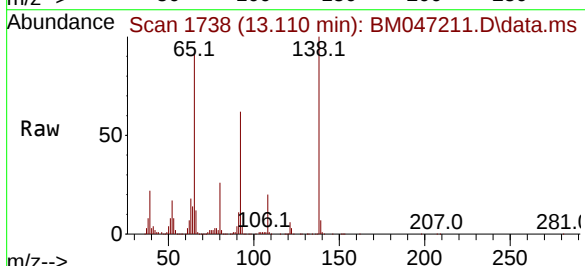
Tgt Ion: 65 Resp: 536475

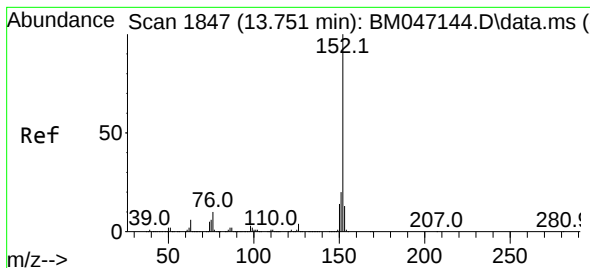
Ion Ratio Lower Upper

65 100

92 67.6 55.1 82.7

138 109.8 85.9 128.9





#49

Acenaphthylene

Concen: 48.012 ng

RT: 13.739 min Scan# 1845

Delta R.T. -0.012 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

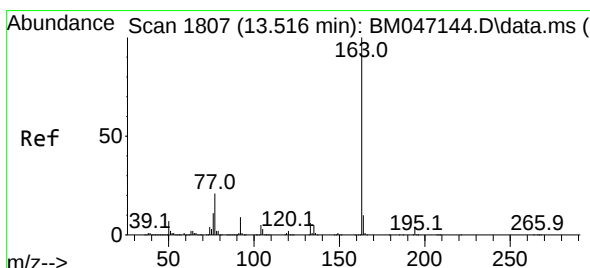
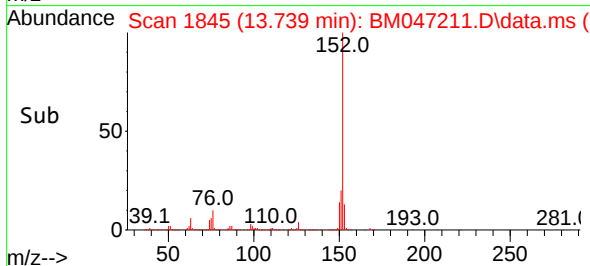
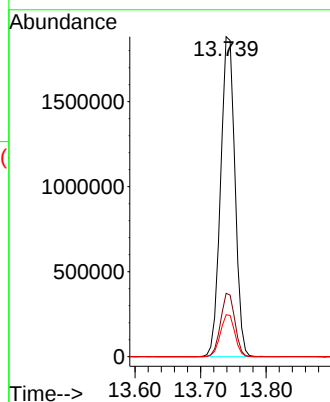
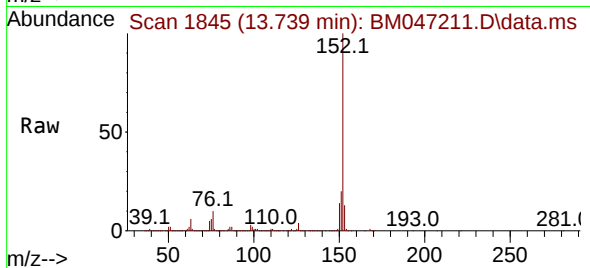
Tgt Ion:152 Resp: 2849710

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 43.047 ng

RT: 13.510 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

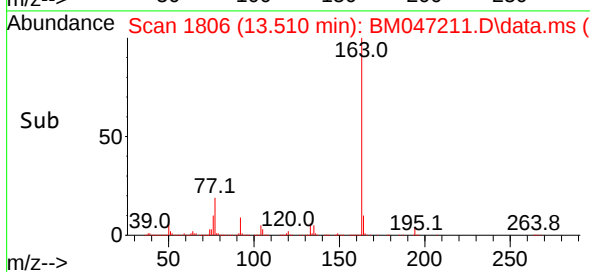
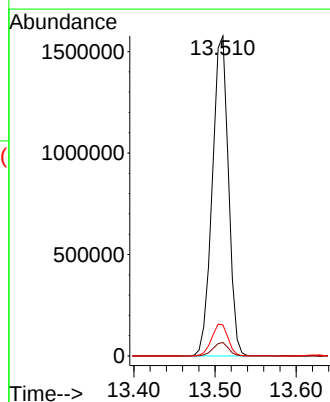
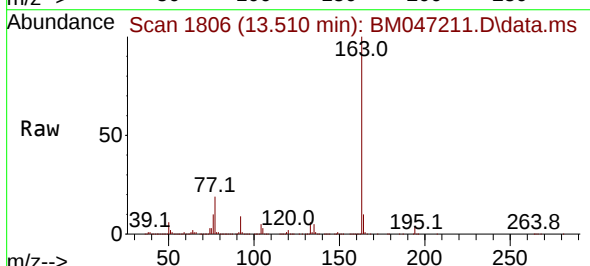
Tgt Ion:163 Resp: 2175628

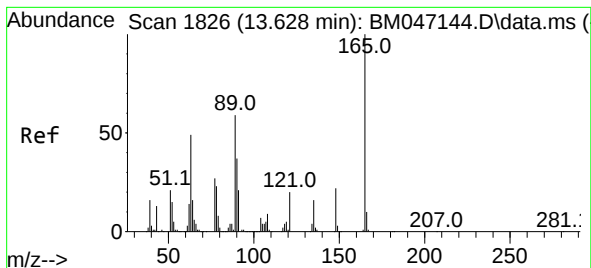
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 9.7 8.0 12.0

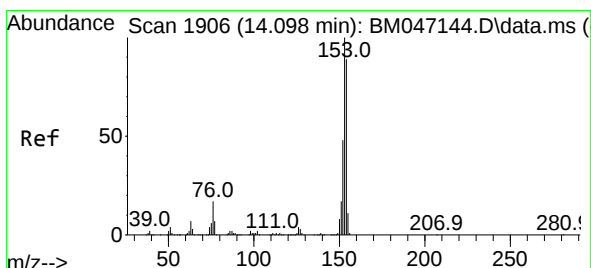
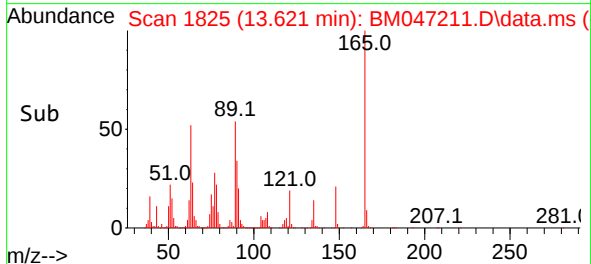
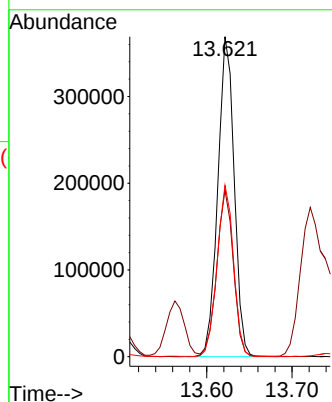
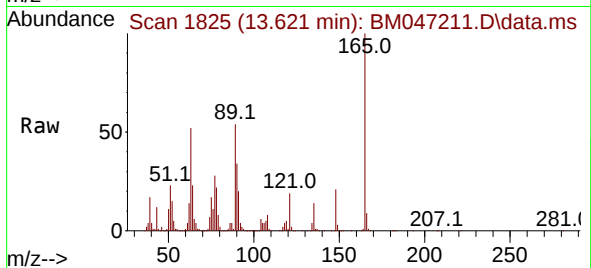




#51
2,6-Dinitrotoluene
Concen: 41.693 ng
RT: 13.621 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

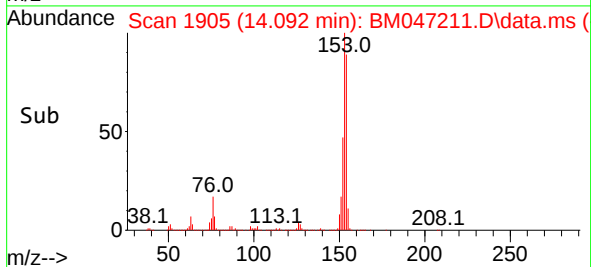
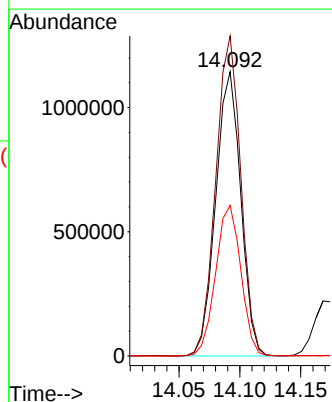
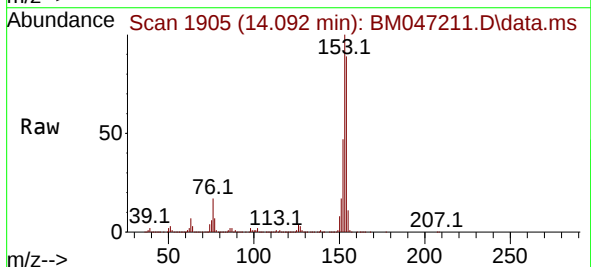
Instrument :
BNA_M
ClientSampleId :
PB162602BS

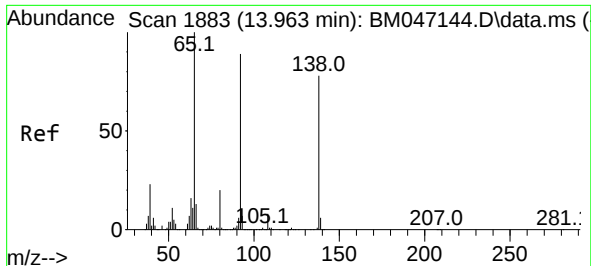
Tgt Ion:165 Resp: 492579
Ion Ratio Lower Upper
165 100
63 52.1 46.5 69.7
89 53.6 47.3 70.9



#52
Acenaphthene
Concen: 43.446 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:154 Resp: 1635739
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 53.0 42.9 64.3

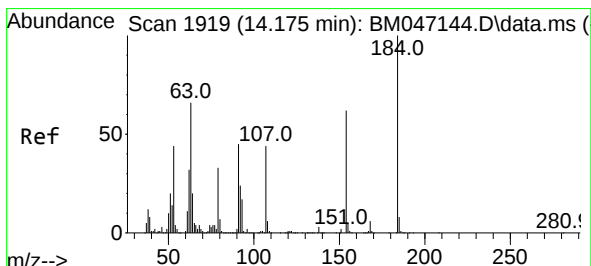
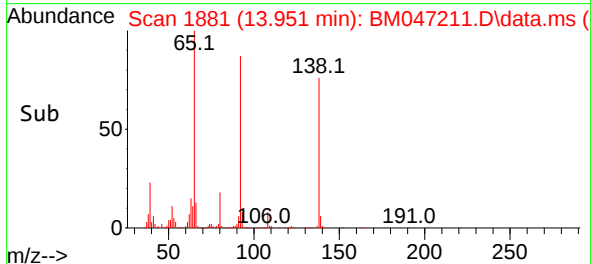
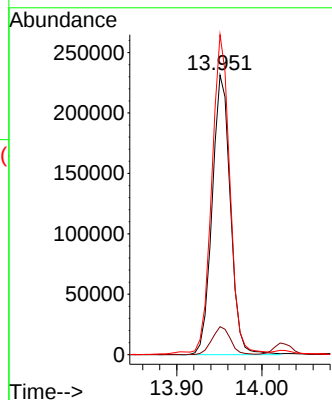
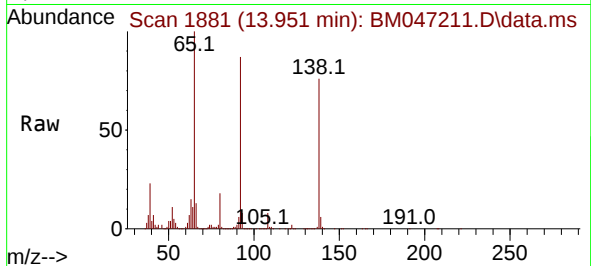




#53
3-Nitroaniline
Concen: 29.027 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

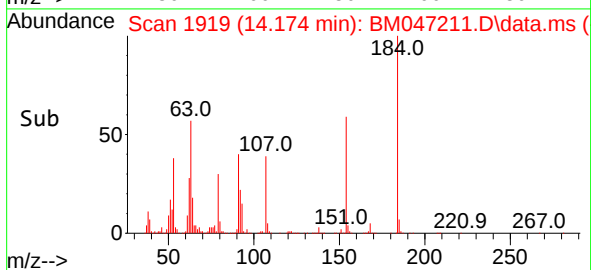
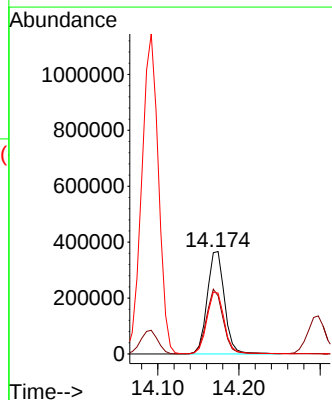
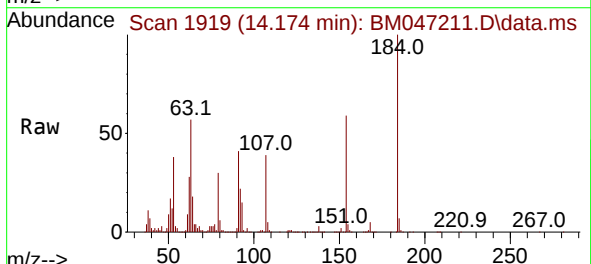
Instrument :
BNA_M
ClientSampleId :
PB162602BS

Tgt Ion:138 Resp: 343638
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 114.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 76.502 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:184 Resp: 541705
Ion Ratio Lower Upper
184 100
63 56.7 52.7 79.1
154 59.4 50.4 75.6

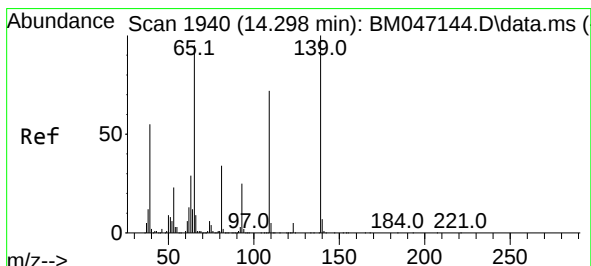
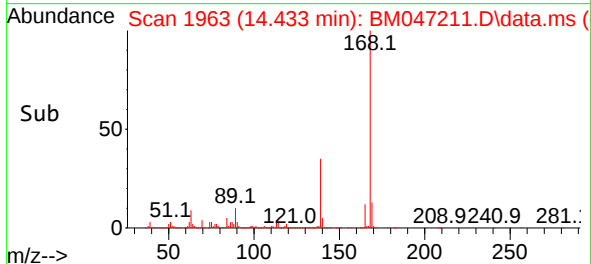
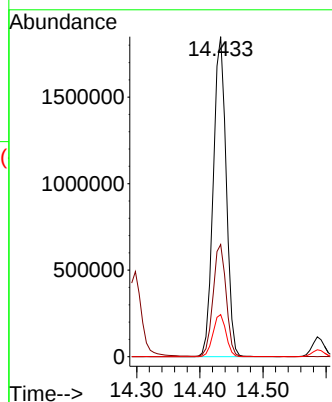
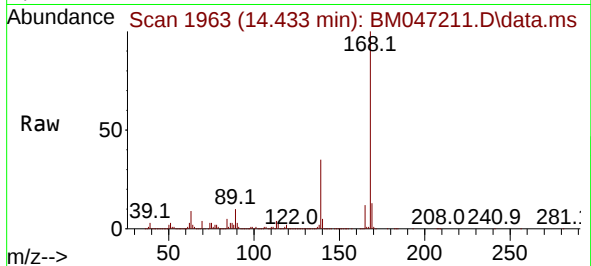




#55
Dibenzofuran
Concen: 44.092 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

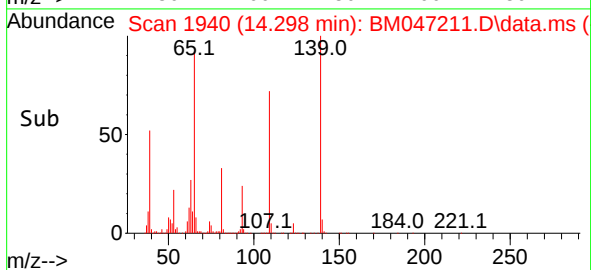
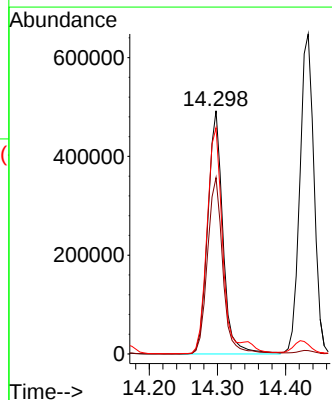
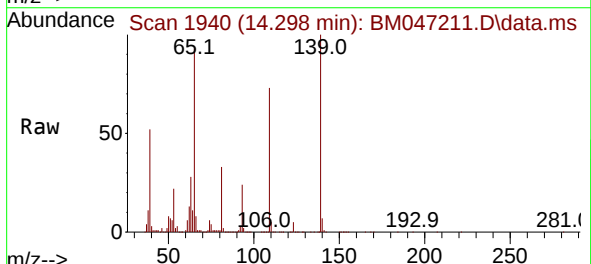
Instrument :
BNA_M
ClientSampleId :
PB162602BS

Tgt Ion:168 Resp: 2622153
Ion Ratio Lower Upper
168 100
139 35.0 29.6 44.4
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 74.707 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:139 Resp: 762639
Ion Ratio Lower Upper
139 100
109 72.5 52.5 92.5
65 93.0 75.4 115.4

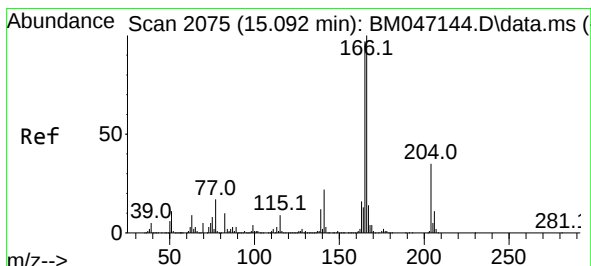
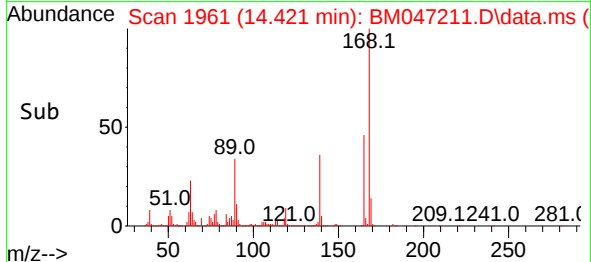
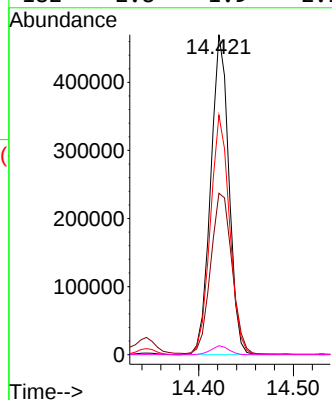
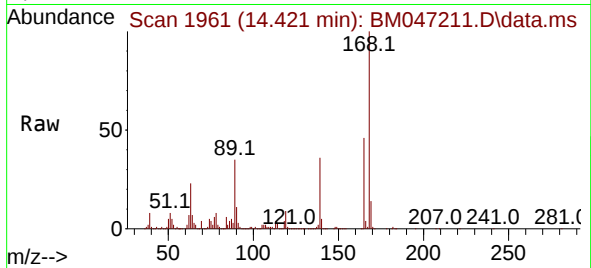




#57
2,4-Dinitrotoluene
Concen: 39.712 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

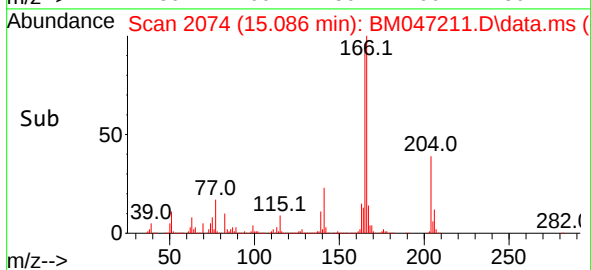
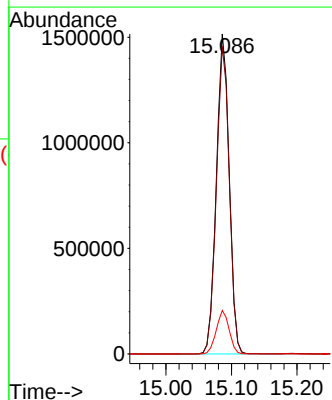
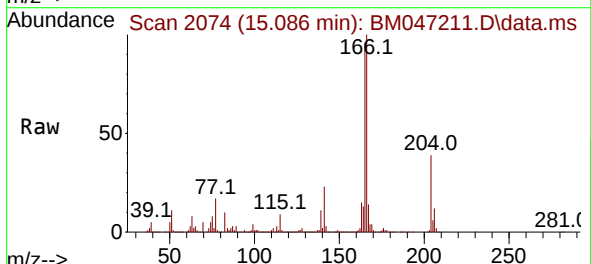
Instrument :
BNA_M
ClientSampleId :
PB162602BS

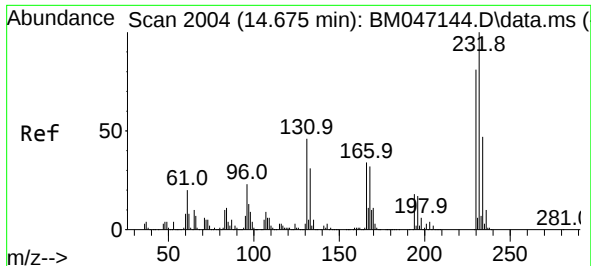
Tgt Ion:	165	Resp:	626239
Ion	Ratio	Lower	Upper
165	100		
63	50.4	40.3	60.5
89	74.8	61.0	91.6
182	2.8	1.9	2.9



#58
Fluorene
Concen: 41.973 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:	166	Resp:	2059602
Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.4	116.0
167	13.6	11.0	16.6

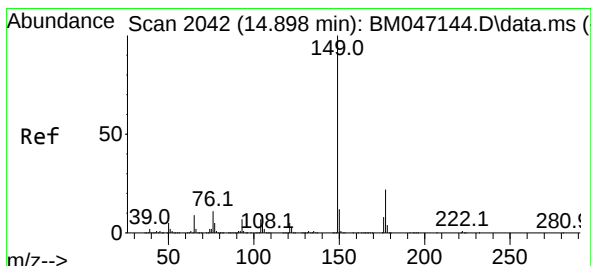
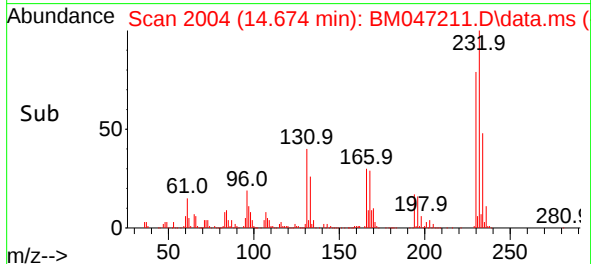
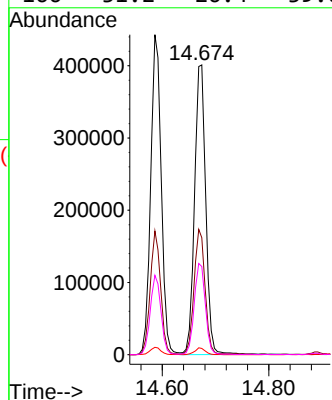
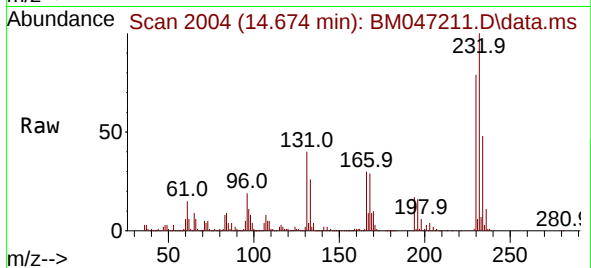




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.769 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

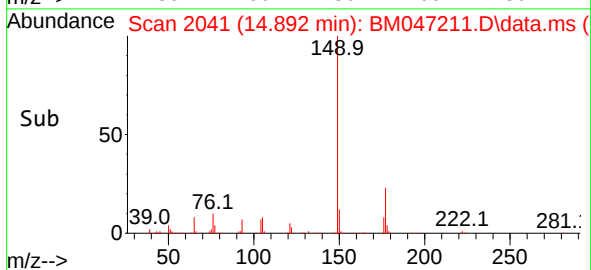
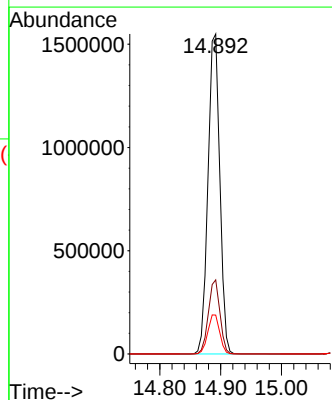
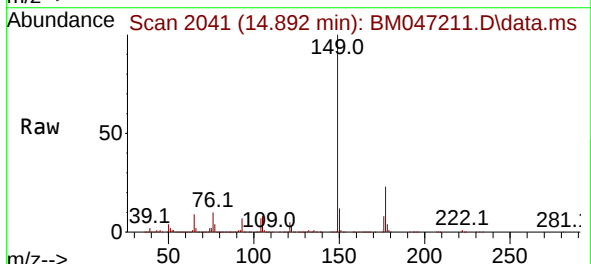
Instrument :
BNA_M
ClientSampleId :
PB162602BS

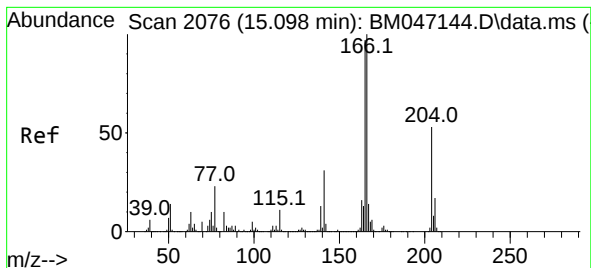
Tgt Ion:232 Resp: 585919
Ion Ratio Lower Upper
232 100
131 41.9 36.9 55.3
130 2.2 2.0 3.0
166 31.2 26.4 39.6



#60
Diethylphthalate
Concen: 40.475 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:149 Resp: 2088968
Ion Ratio Lower Upper
149 100
177 23.2 17.6 26.4
150 12.1 9.8 14.6

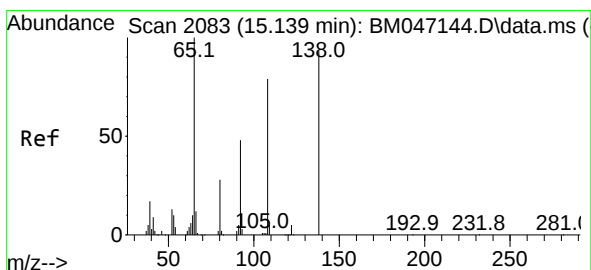
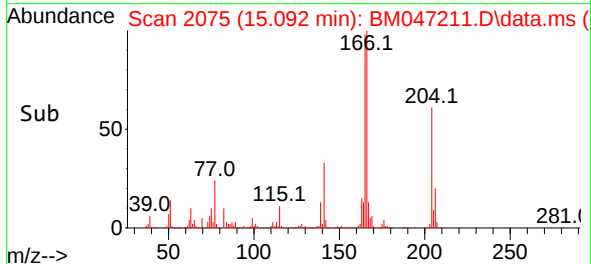
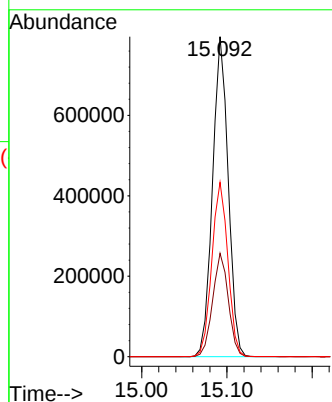
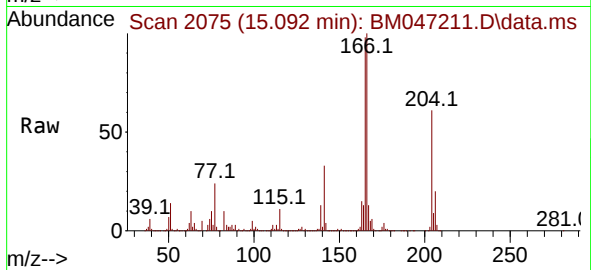




#61
4-Chlorophenyl-phenylether
Concen: 43.429 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

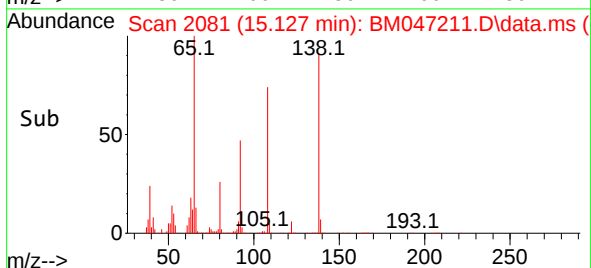
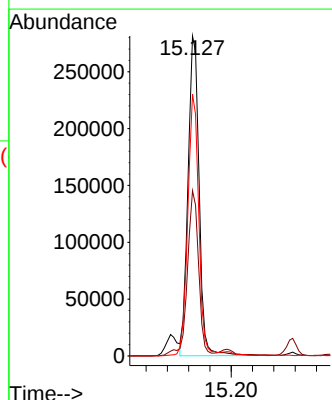
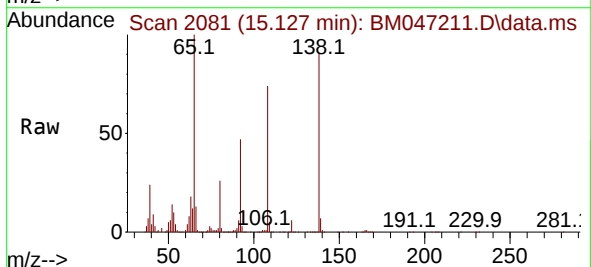
Instrument :
BNA_M
ClientSampleId :
PB162602BS

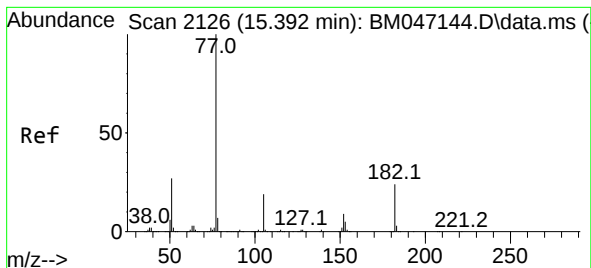
Tgt Ion:204 Resp: 1014530
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 54.5 47.2 70.8



#62
4-Nitroaniline
Concen: 34.947 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:138 Resp: 407593
Ion Ratio Lower Upper
138 100
92 51.6 31.9 71.9
108 81.8 63.8 103.8





#63

Azobenzene

Concen: 40.530 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

Tgt Ion: 77 Resp: 1983357

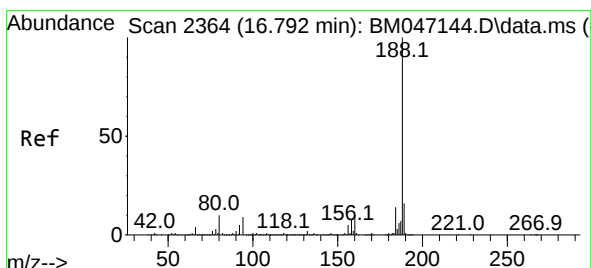
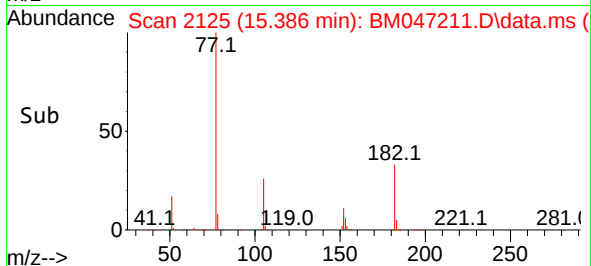
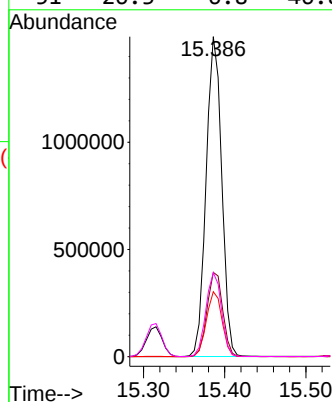
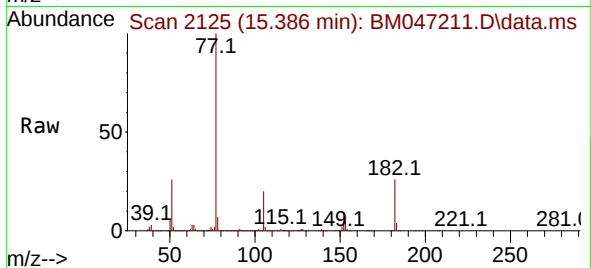
Ion Ratio Lower Upper

77 100

182 26.3 3.8 43.8

105 20.3 0.0 39.5

51 26.3 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

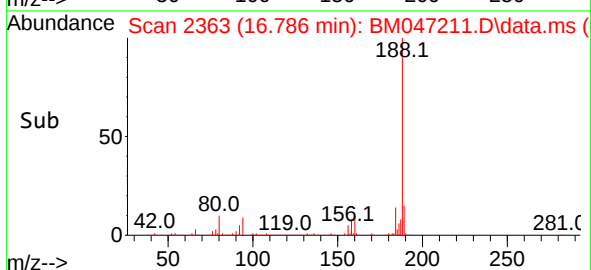
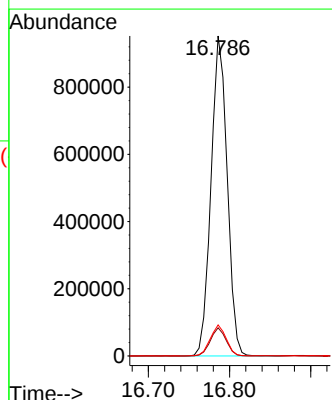
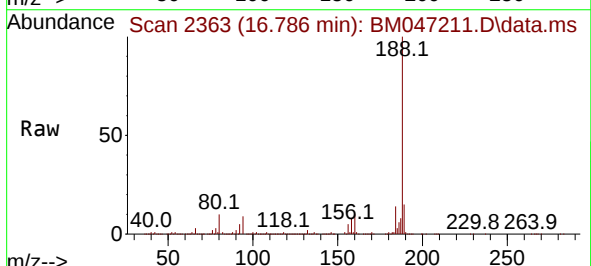
Tgt Ion:188 Resp: 1315066

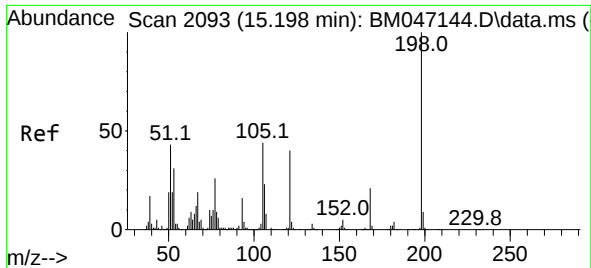
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.7 8.0 12.0

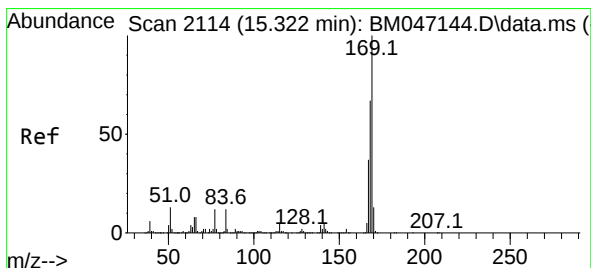
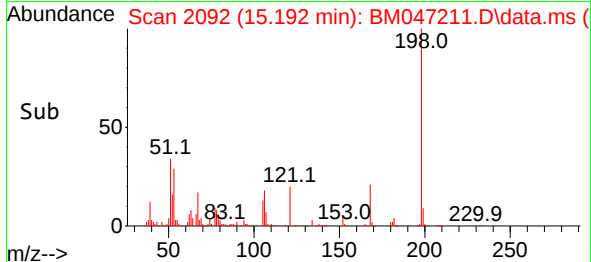
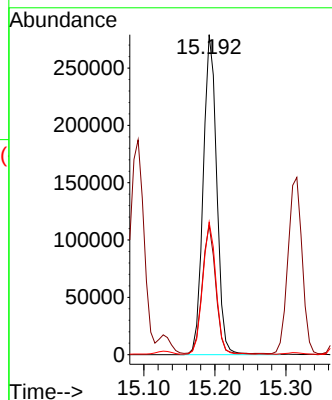
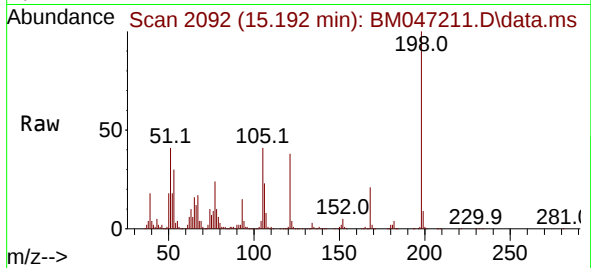




#65
4,6-Dinitro-2-methylphenol
Concen: 48.132 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

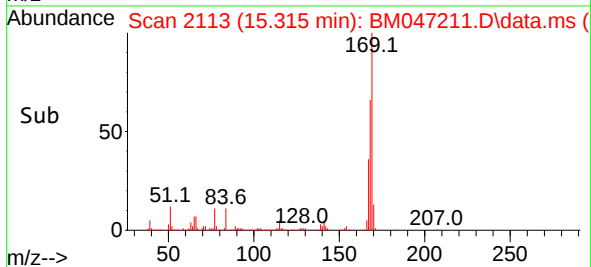
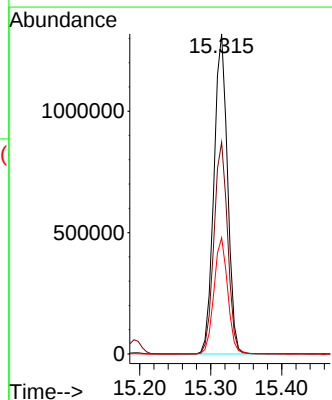
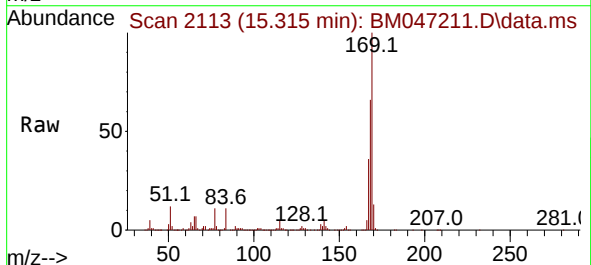
Instrument :
BNA_M
ClientSampleId :
PB162602BS

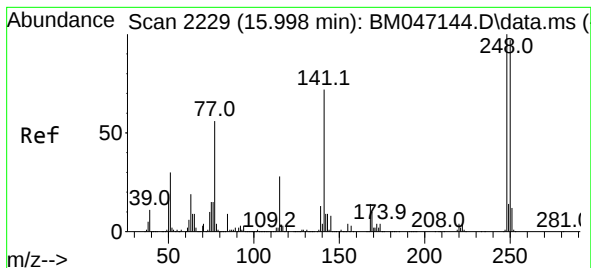
Tgt Ion:198 Resp: 370588
Ion Ratio Lower Upper
198 100
51 40.5 23.9 63.9
105 41.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 48.821 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:169 Resp: 1748737
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.8
167 36.3 29.3 43.9

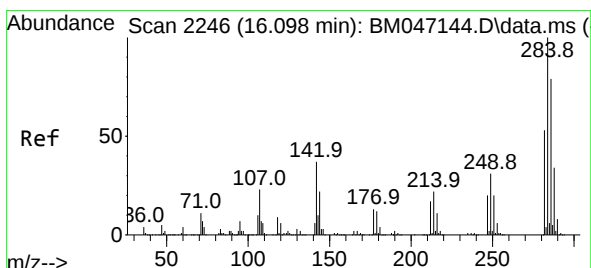
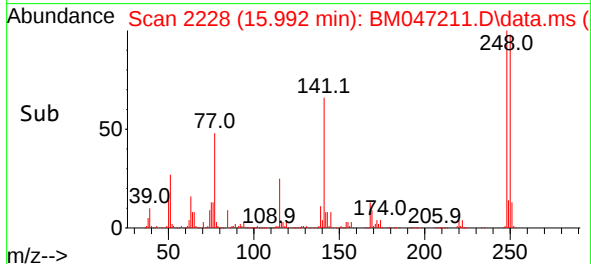
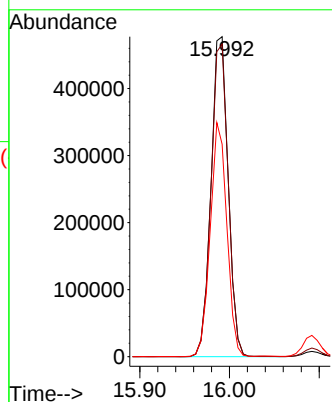
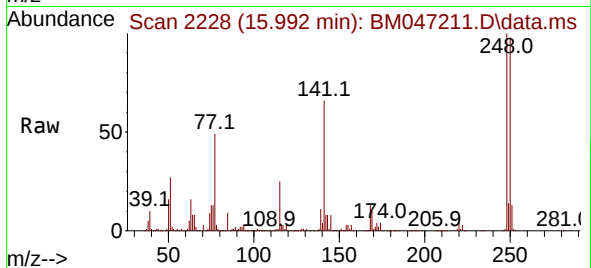




#67
4-Bromophenyl-phenylether
Concen: 49.927 ng
RT: 15.992 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

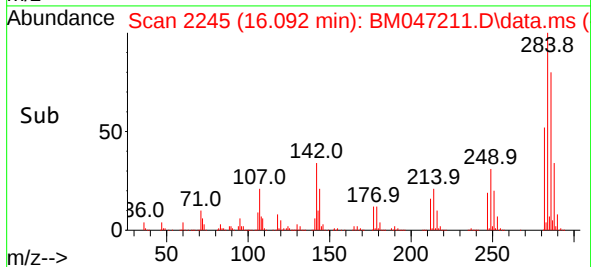
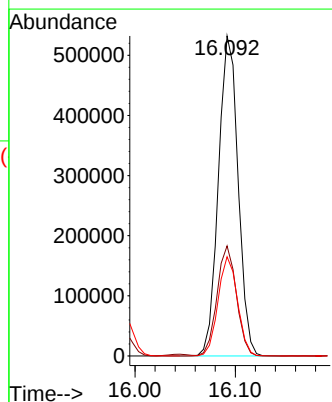
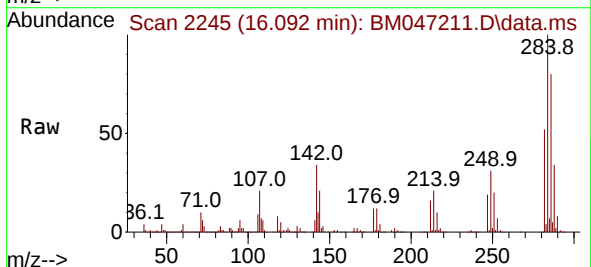
Instrument :
BNA_M
ClientSampleId :
PB162602BS

Tgt Ion:248 Resp: 632680
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 66.4 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.655 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:284 Resp: 723249
Ion Ratio Lower Upper
284 100
142 34.4 29.4 44.0
249 31.0 25.1 37.7





#69

Atrazine

Concen: 48.664 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

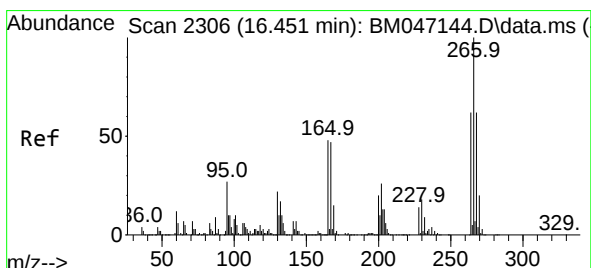
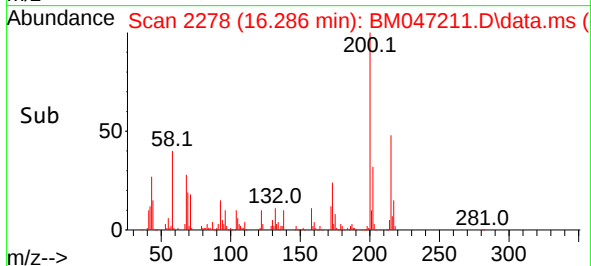
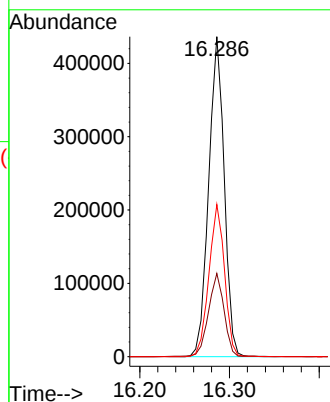
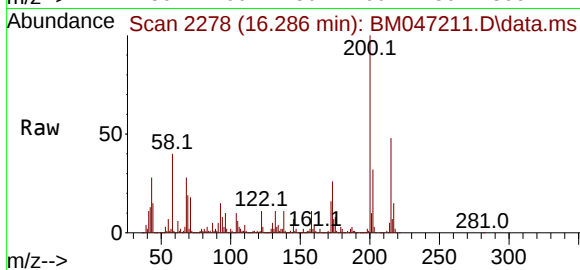
Tgt Ion:200 Resp: 524529

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 47.5 26.8 66.8



#70

Pentachlorophenol

Concen: 85.247 ng

RT: 16.451 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

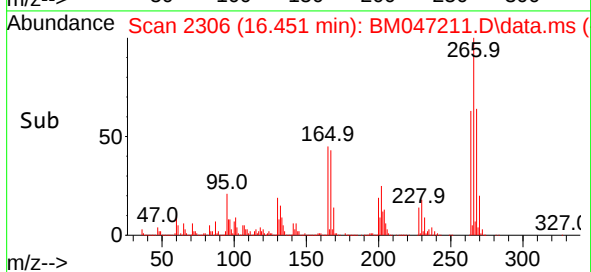
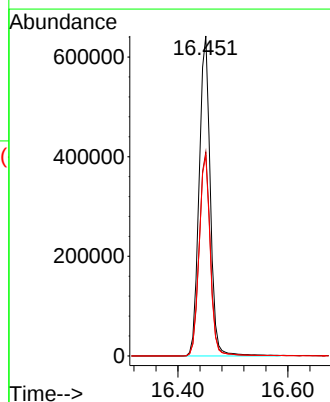
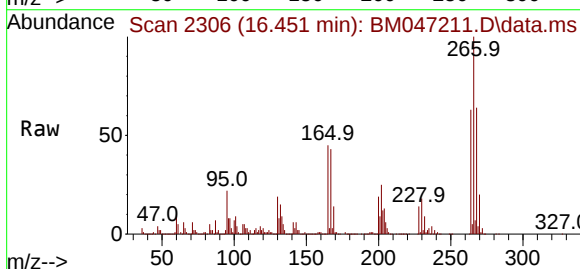
Tgt Ion:266 Resp: 906925

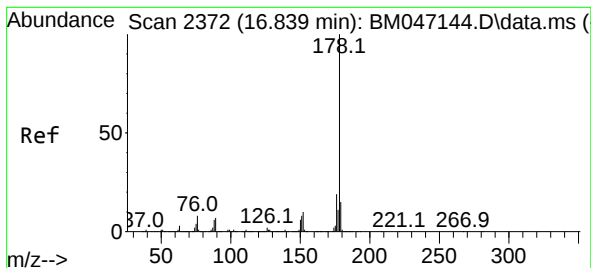
Ion Ratio Lower Upper

266 100

268 63.7 49.8 74.6

264 62.8 49.6 74.4





#71

Phenanthrene

Concen: 45.183 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

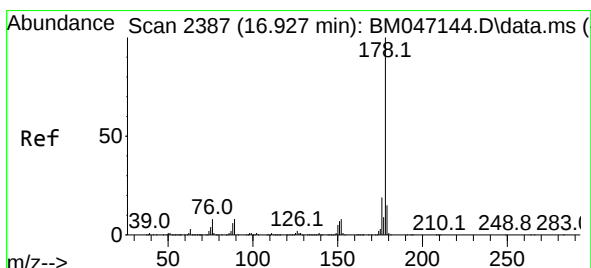
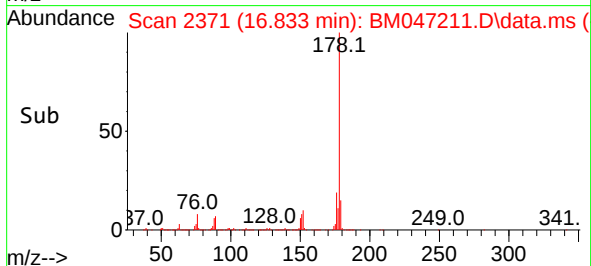
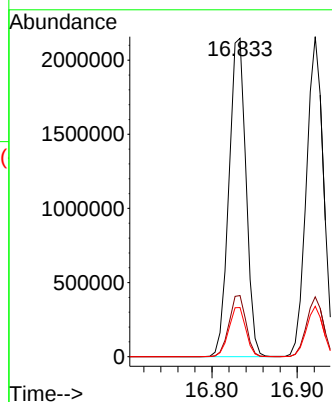
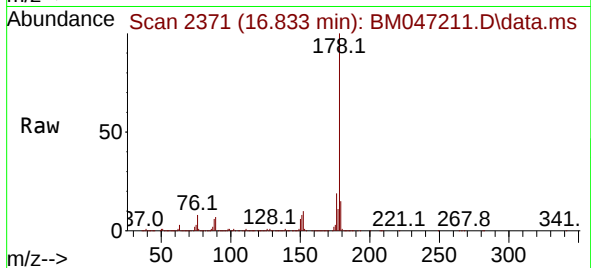
Tgt Ion:178 Resp: 2981985

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 46.603 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

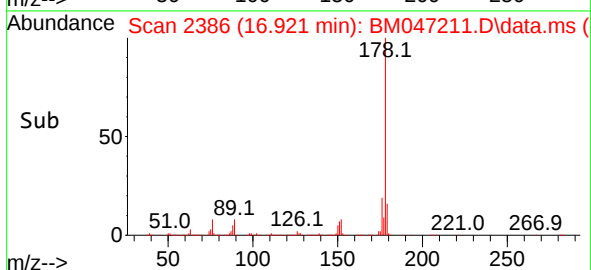
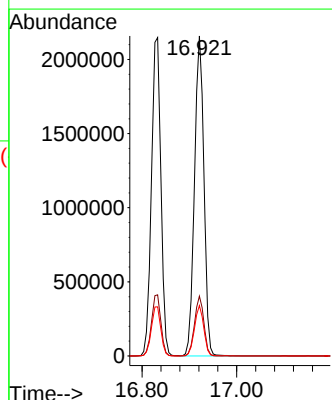
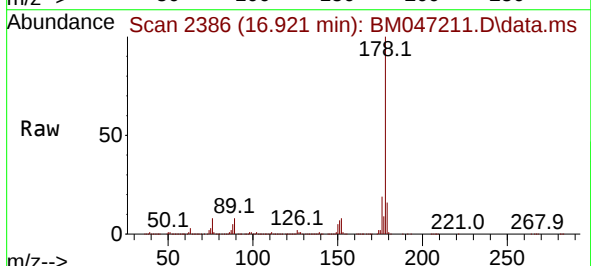
Tgt Ion:178 Resp: 2992679

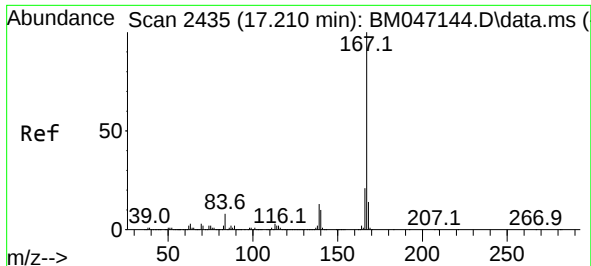
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.7 12.4 18.6

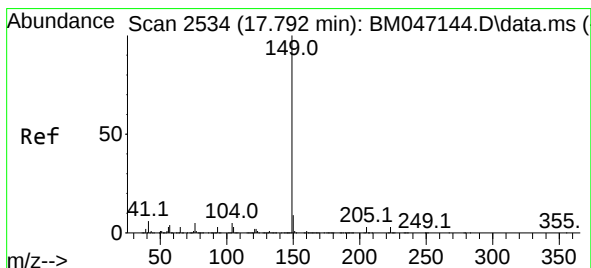
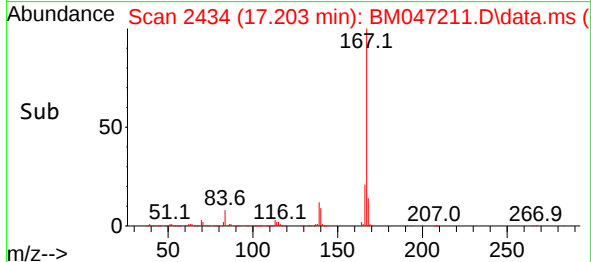
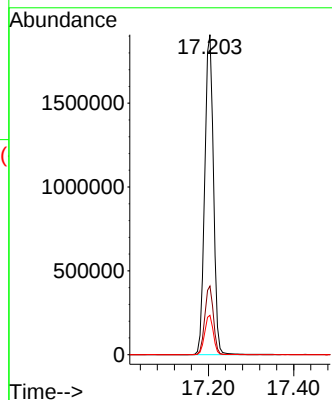
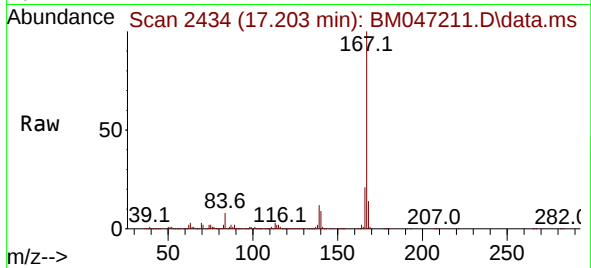




#73
 Carbazole
 Concen: 41.362 ng
 RT: 17.203 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

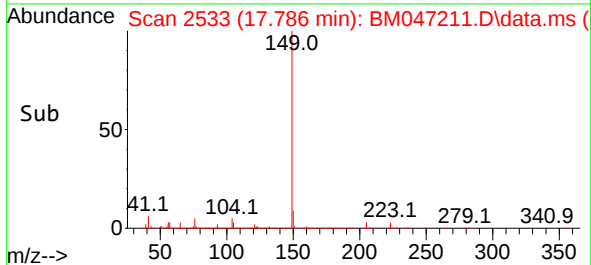
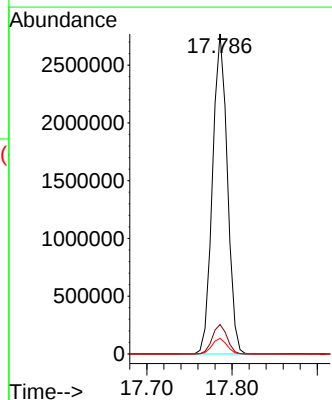
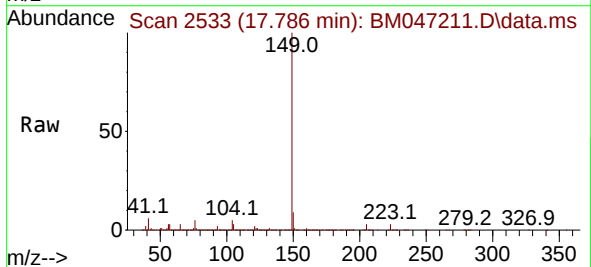
Instrument :
 BNA_M
 ClientSampleId :
 PB162602BS

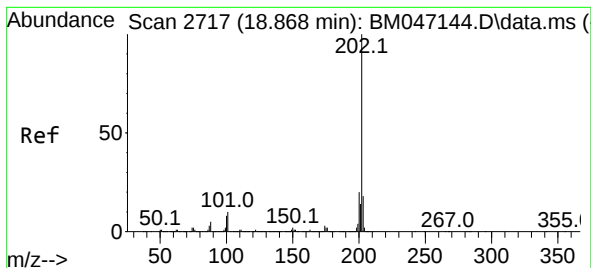
Tgt Ion:167 Resp: 2711982
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.059 ng
 RT: 17.786 min Scan# 2533
 Delta R.T. -0.006 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

Tgt Ion:149 Resp: 3361401
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.8 4.1 6.1

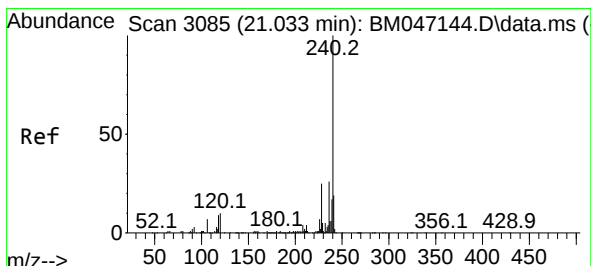
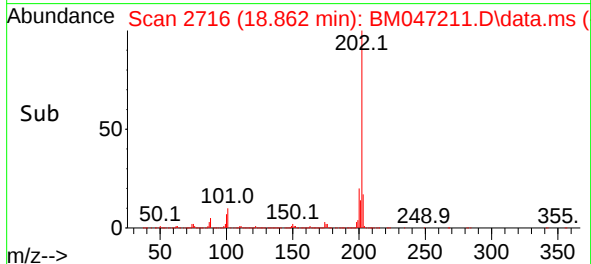
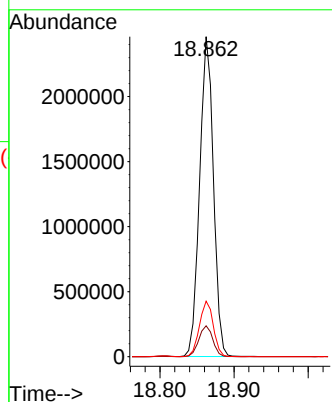
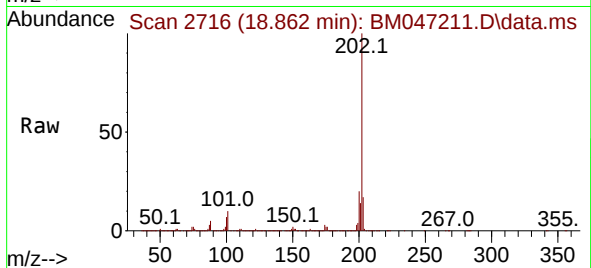




#75
Fluoranthene
Concen: 39.665 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

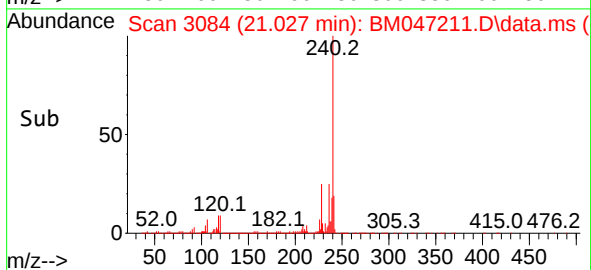
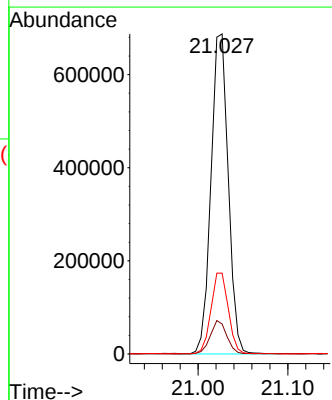
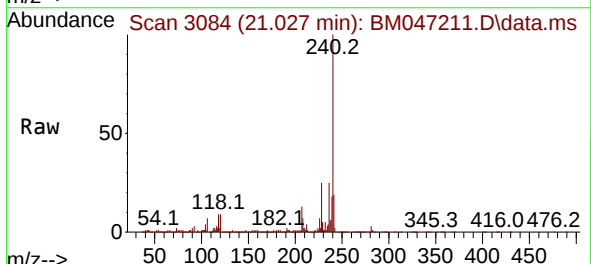
Instrument :
BNA_M
ClientSampleId :
PB162602BS

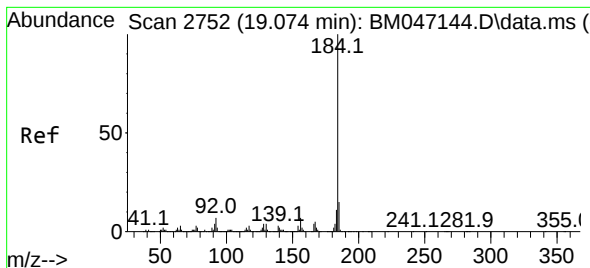
Tgt Ion:202 Resp: 3184139
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:240 Resp: 920652
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 25.3 20.6 30.8





#77

Benzidine

Concen: 47.512 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

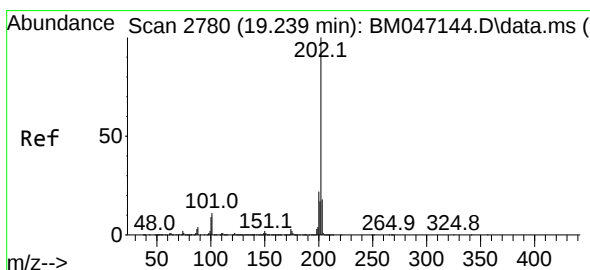
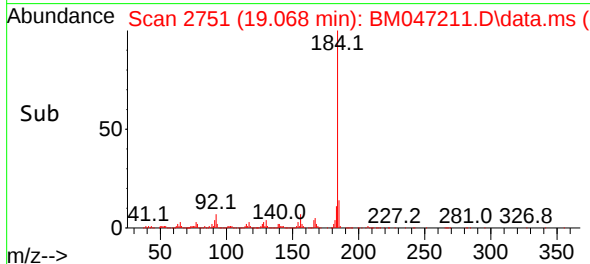
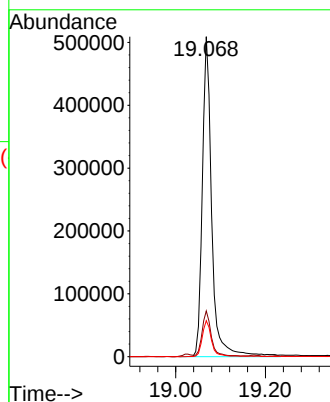
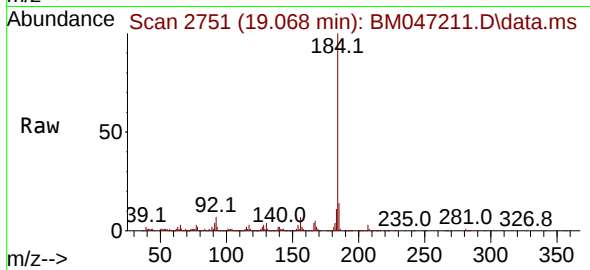
Tgt Ion:184 Resp: 741800

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 11.2 9.0 13.6



#78

Pyrene

Concen: 50.131 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

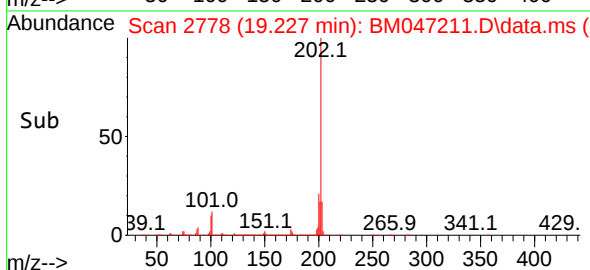
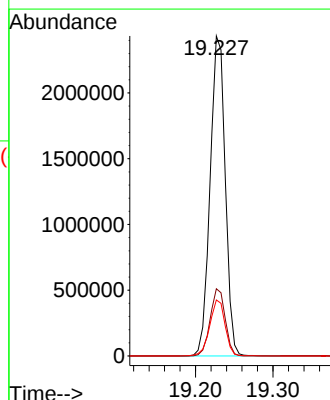
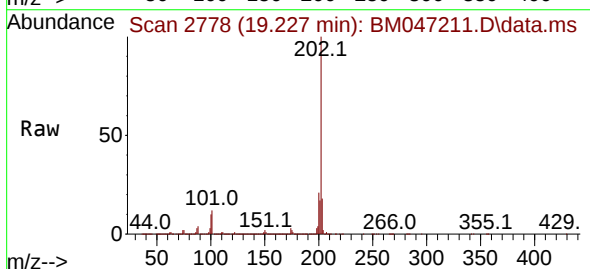
Tgt Ion:202 Resp: 3295483

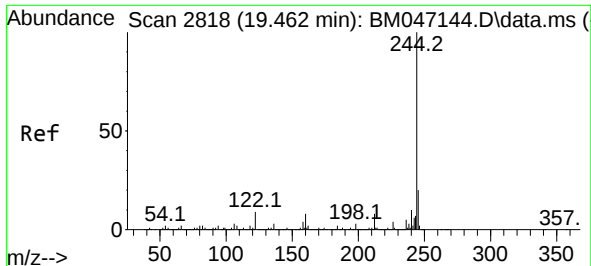
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.5 14.2 21.2

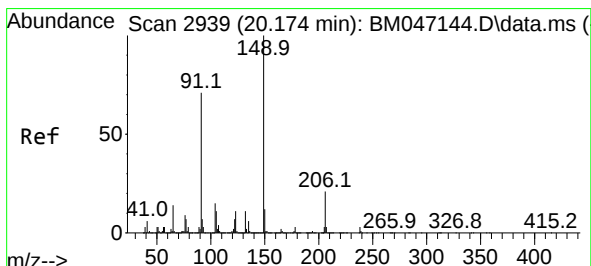
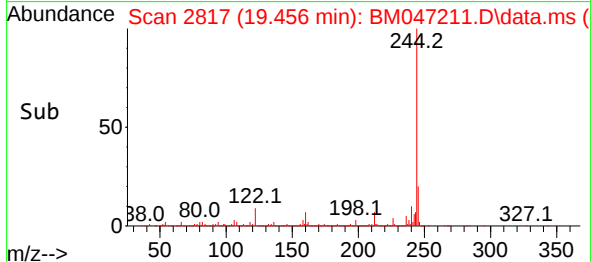
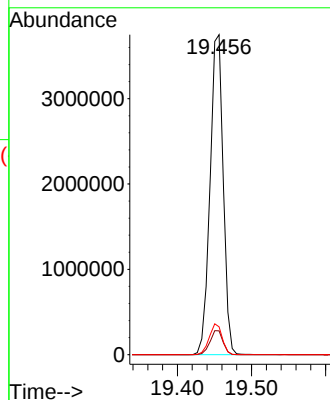
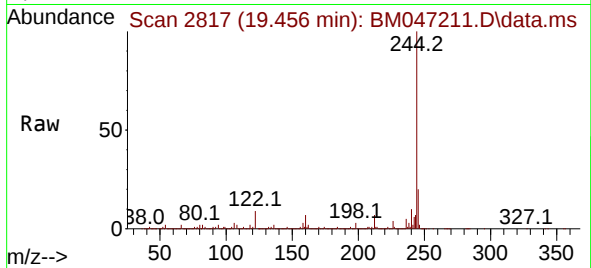




#79
 Terphenyl-d14
 Concen: 107.651 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

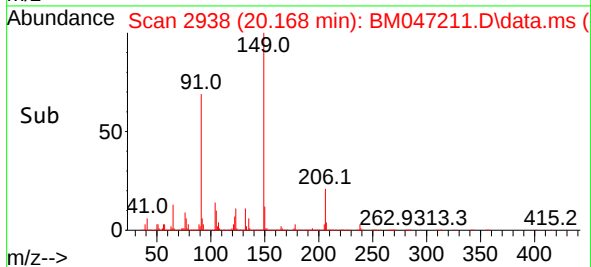
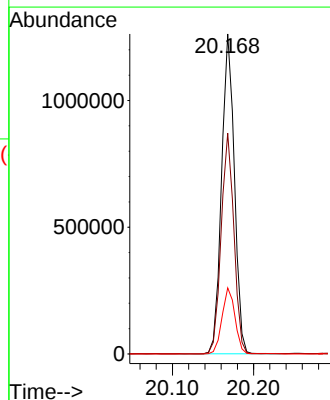
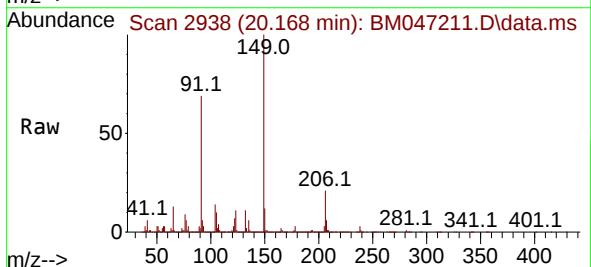
Instrument :
 BNA_M
 ClientSampleId :
 PB162602BS

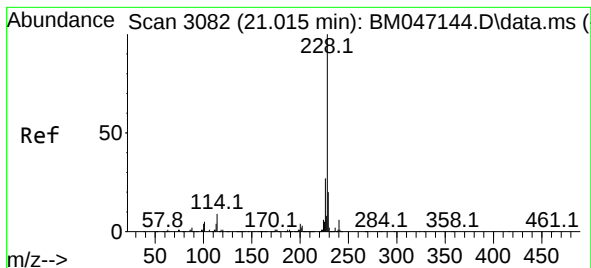
Tgt Ion:244 Resp: 4625288
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.7 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 51.678 ng
 RT: 20.168 min Scan# 2938
 Delta R.T. -0.006 min
 Lab File: BM047211.D
 Acq: 15 Aug 2024 12:11

Tgt Ion:149 Resp: 1386388
 Ion Ratio Lower Upper
 149 100
 91 69.0 57.0 85.4
 206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.535 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

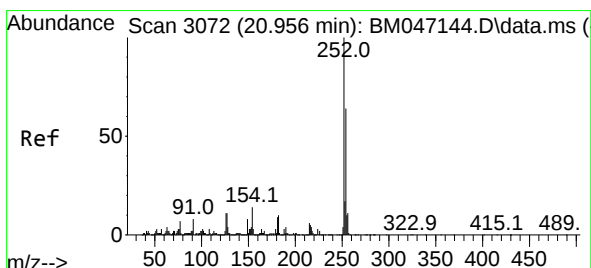
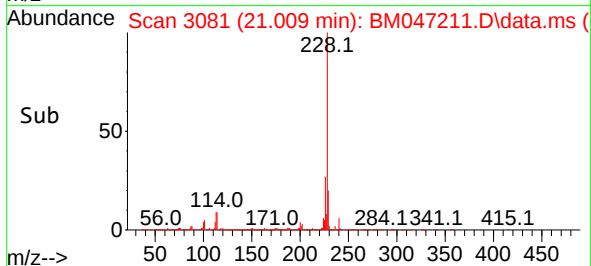
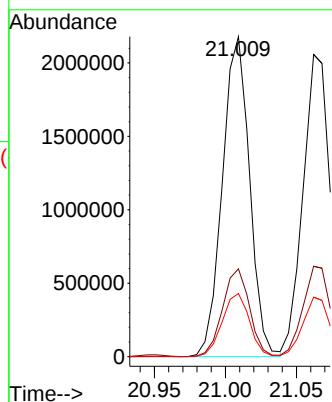
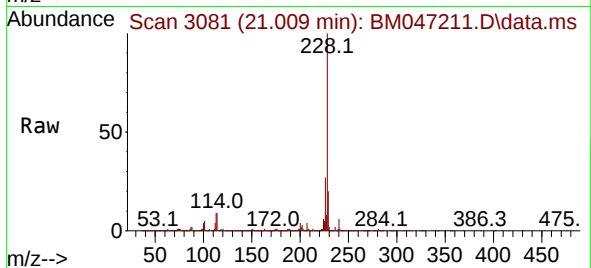
Tgt Ion:228 Resp: 2905244

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.458 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

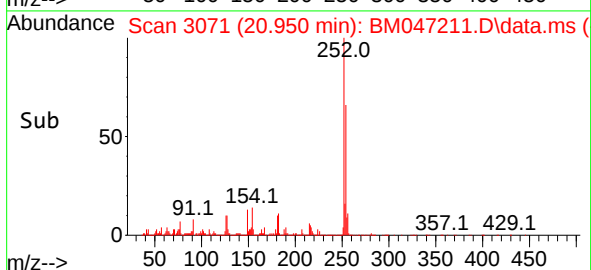
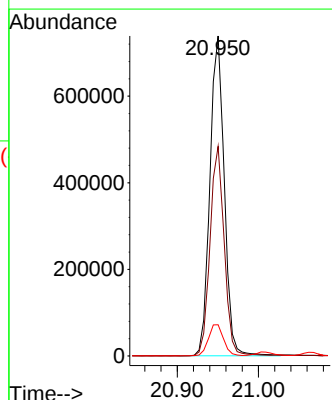
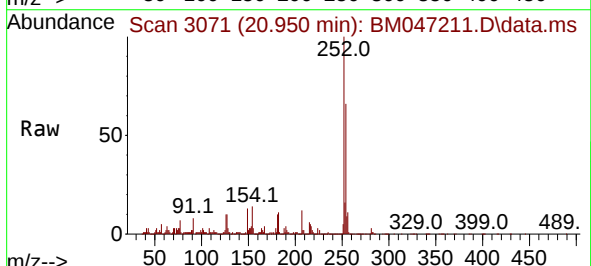
Tgt Ion:252 Resp: 907535

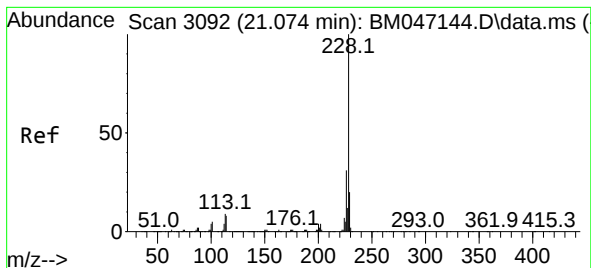
Ion Ratio Lower Upper

252 100

254 65.5 51.0 76.6

126 9.8 8.5 12.7





#83

Chrysene

Concen: 47.027 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

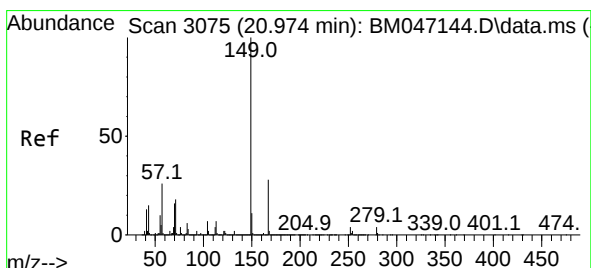
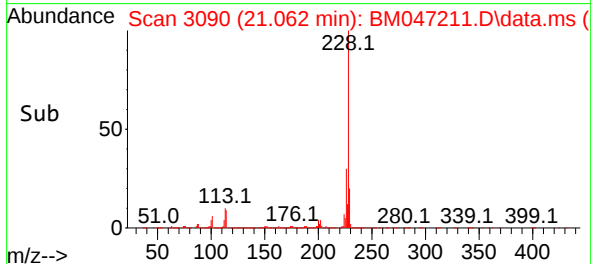
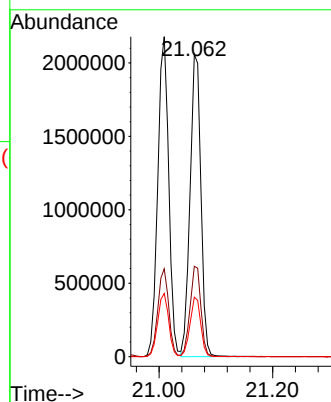
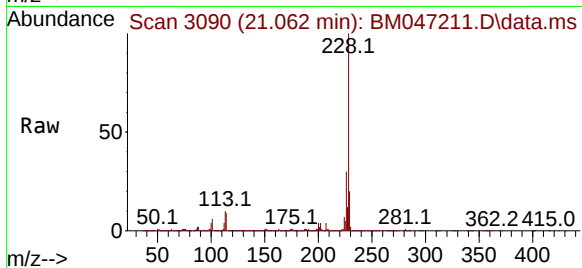
Tgt Ion:228 Resp: 2726947

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.999 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

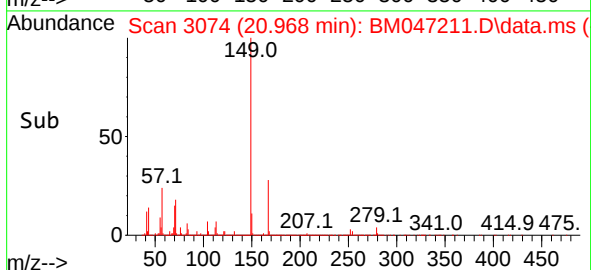
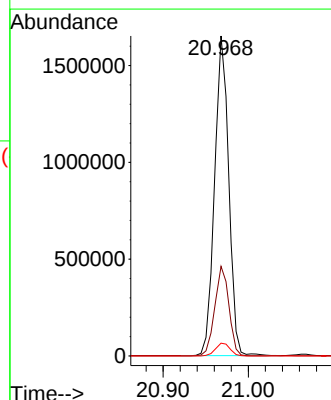
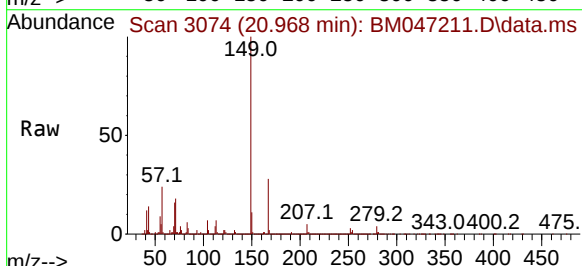
Tgt Ion:149 Resp: 1902258

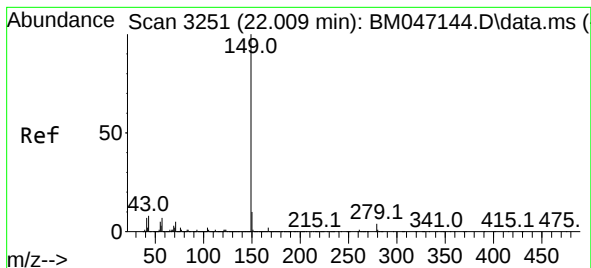
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 50.977 ng

RT: 21.997 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

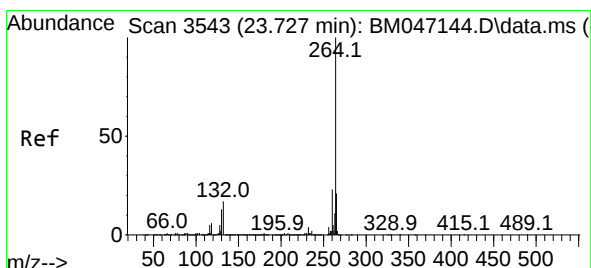
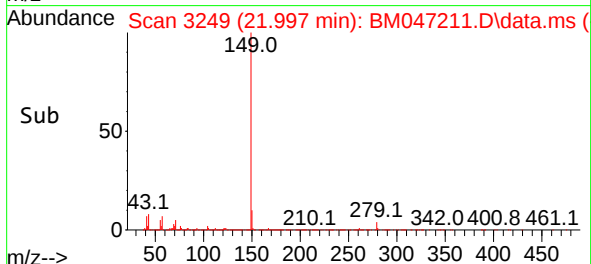
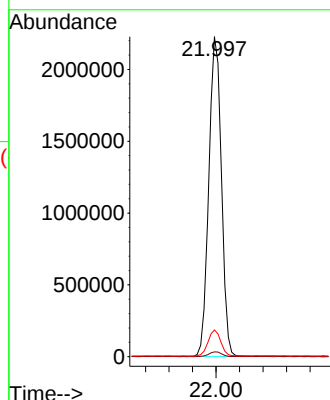
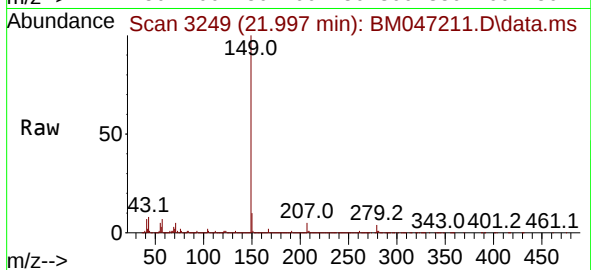
Tgt Ion:149 Resp: 3296513

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.2 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

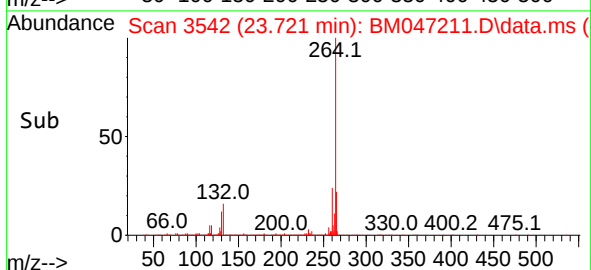
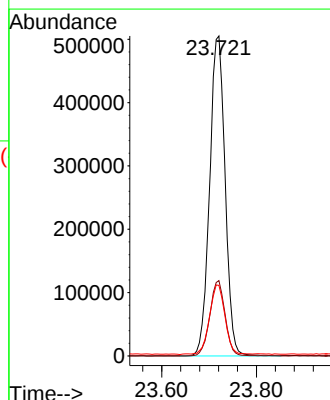
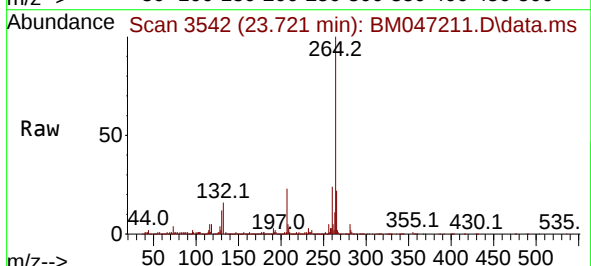
Tgt Ion:264 Resp: 1145367

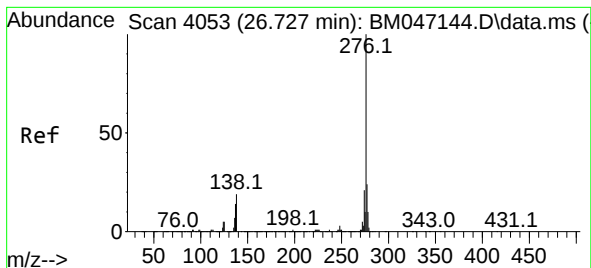
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.546 ng

RT: 26.721 min Scan# 4053

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

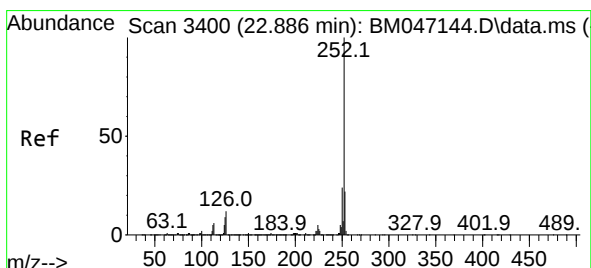
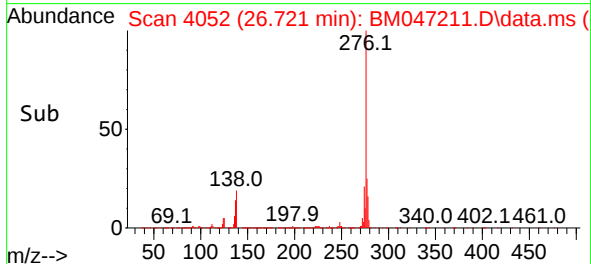
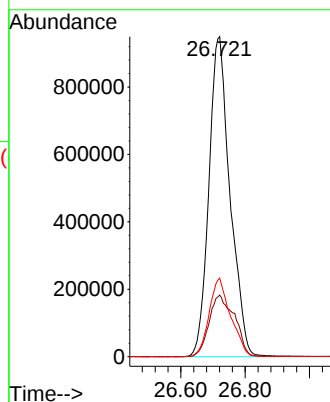
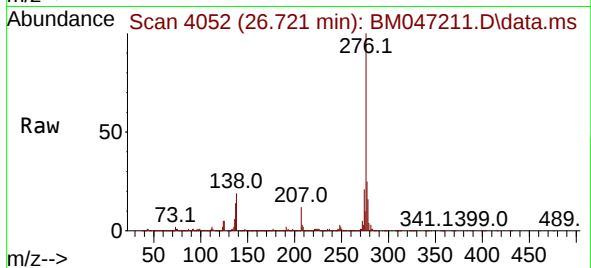
Tgt Ion:276 Resp: 4334362

Ion Ratio Lower Upper

276 100

138 23.2 19.4 29.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.253 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

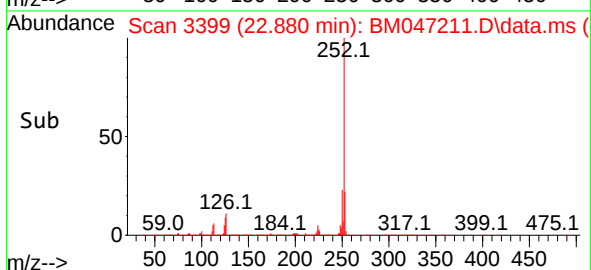
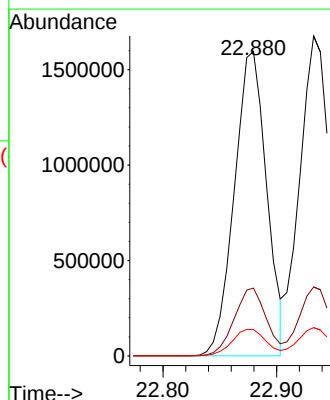
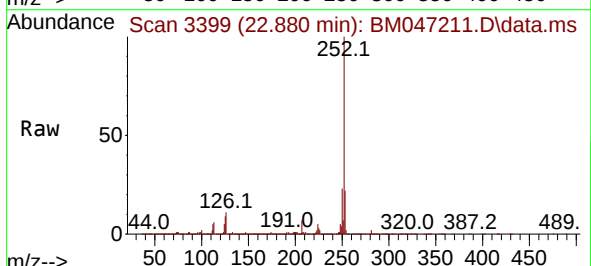
Tgt Ion:252 Resp: 3146102

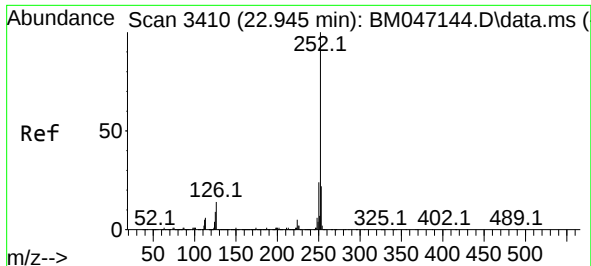
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.6 7.4 11.0

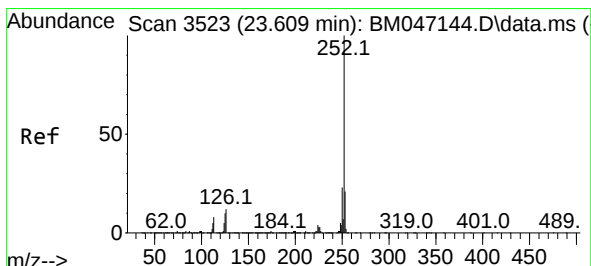
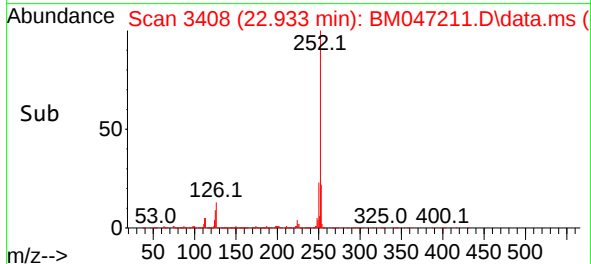
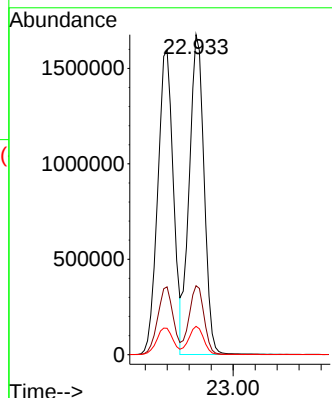
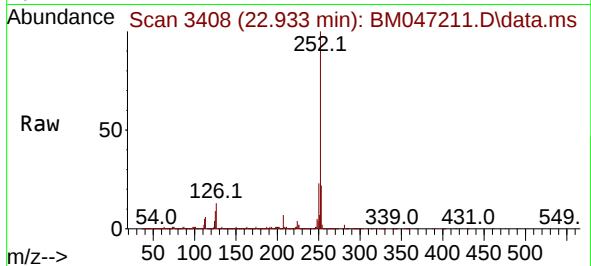




#89
Benzo(k)fluoranthene
Concen: 48.748 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

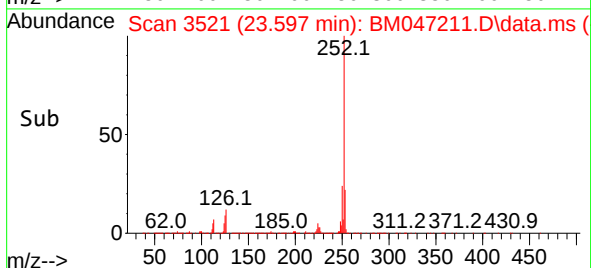
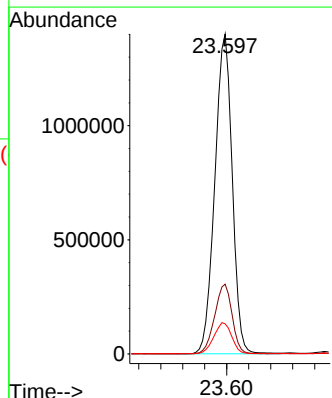
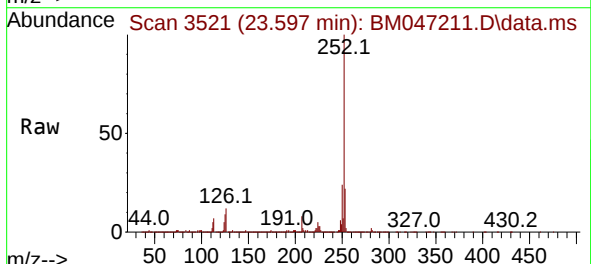
Instrument :
BNA_M
ClientSampleId :
PB162602BS

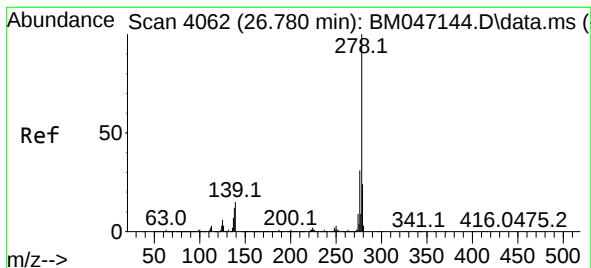
Tgt Ion:252 Resp: 3131904
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 52.200 ng
RT: 23.597 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BM047211.D
Acq: 15 Aug 2024 12:11

Tgt Ion:252 Resp: 3075766
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.4 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 57.665 ng

RT: 26.768 min Scan# 4060

Delta R.T. -0.012 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Instrument :

BNA_M

ClientSampleId :

PB162602BS

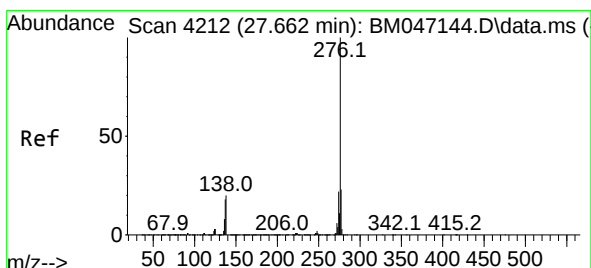
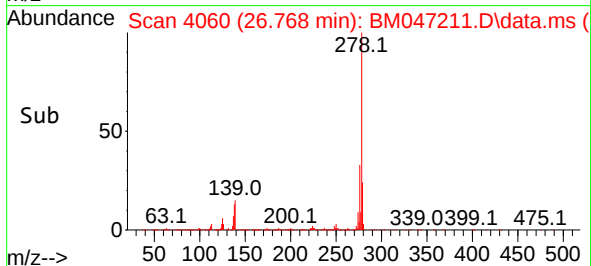
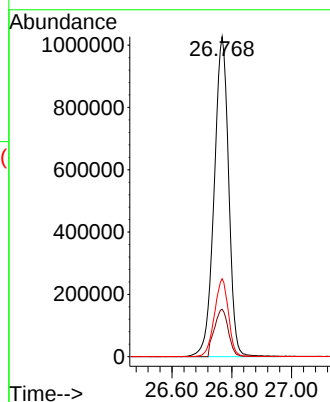
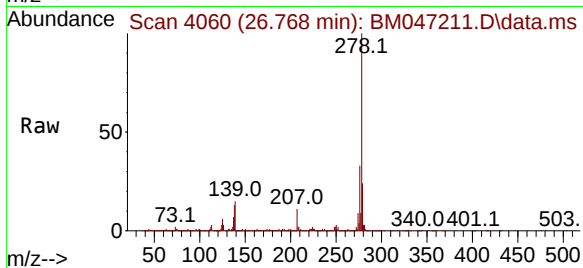
Tgt Ion:278 Resp: 3454903

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 56.368 ng

RT: 27.644 min Scan# 4209

Delta R.T. -0.018 min

Lab File: BM047211.D

Acq: 15 Aug 2024 12:11

Tgt Ion:276 Resp: 3506405

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 19.9 16.2 24.4

