

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047250.D
 Acq On : 19 Aug 2024 13:01
 Operator : RC/JU
 Sample : PB162757BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162757BS

Quant Time: Aug 19 13:38:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	200715	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	840423	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	601718	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1358929	20.000	ng	0.00
76) Chrysene-d12	21.039	240	1331978	20.000	ng	0.00
86) Perylene-d12	23.738	264	1613228	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1500748	133.602	ng	0.00
7) Phenol-d6	6.587	99	2024398	130.792	ng	0.00
23) Nitrobenzene-d5	8.516	82	1313241	78.682	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	983835	141.011	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	3148181	80.705	ng	-0.01
79) Terphenyl-d14	19.462	244	5929827	95.394	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	121620	26.131	ng	99
3) Pyridine	3.399	79	396398	29.045	ng	97
4) n-Nitrosodimethylamine	3.316	42	216424	36.296	ng	99
6) Aniline	6.710	93	406471	27.784	ng	98
8) 2-Chlorophenol	6.945	128	628413	51.293	ng	96
9) Benzaldehyde	6.528	77	171778	16.936	ng	100
10) Phenol	6.610	94	748552	48.467	ng	97
11) bis(2-Chloroethyl)ether	6.816	93	560447	42.374	ng	98
12) 1,3-Dichlorobenzene	7.257	146	618674	42.495	ng	97
13) 1,4-Dichlorobenzene	7.398	146	636233	43.163	ng	98
14) 1,2-Dichlorobenzene	7.704	146	629748	45.279	ng	98
15) Benzyl Alcohol	7.616	79	565608	51.345	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.886	45	712313	41.970	ng	99
17) 2-Methylphenol	7.828	107	514304	49.915	ng	99
18) Hexachloroethane	8.416	117	236430	41.408	ng	94
19) n-Nitroso-di-n-propyla...	8.175	70	449654	43.129	ng	99
20) 3+4-Methylphenols	8.157	107	714481	49.601	ng	99
22) Acetophenone	8.186	105	796460	39.261	ng	98
24) Nitrobenzene	8.557	77	691067	41.119	ng	97
25) Isophorone	9.081	82	1305301	44.916	ng	98
26) 2-Nitrophenol	9.257	139	364187	48.930	ng	94
27) 2,4-Dimethylphenol	9.339	122	472416	54.185	ng	99
28) bis(2-Chloroethoxy)met...	9.563	93	802839	43.905	ng	99
29) 2,4-Dichlorophenol	9.792	162	686506	53.068	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	665098	45.431	ng	99
31) Naphthalene	10.175	128	1823534	43.556	ng	100
32) Benzoic acid	9.528	122	514032	50.747	ng	97
33) 4-Chloroaniline	10.298	127	437665	27.184	ng	99
34) Hexachlorobutadiene	10.457	225	383339	44.736	ng	99
35) Caprolactam	11.104	113	175306	39.021	ng	93
36) 4-Chloro-3-methylphenol	11.451	107	689653	50.057	ng	98
37) 2-Methylnaphthalene	11.798	142	1352299	45.365	ng	98
38) 1-Methylnaphthalene	12.022	142	1262961	42.869	ng	98
40) 1,2,4,5-Tetrachloroben...	12.180	216	704034	42.897	ng	99
41) Hexachlorocyclopentadiene	12.157	237	514477	89.772	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	581555	49.854	ng	98

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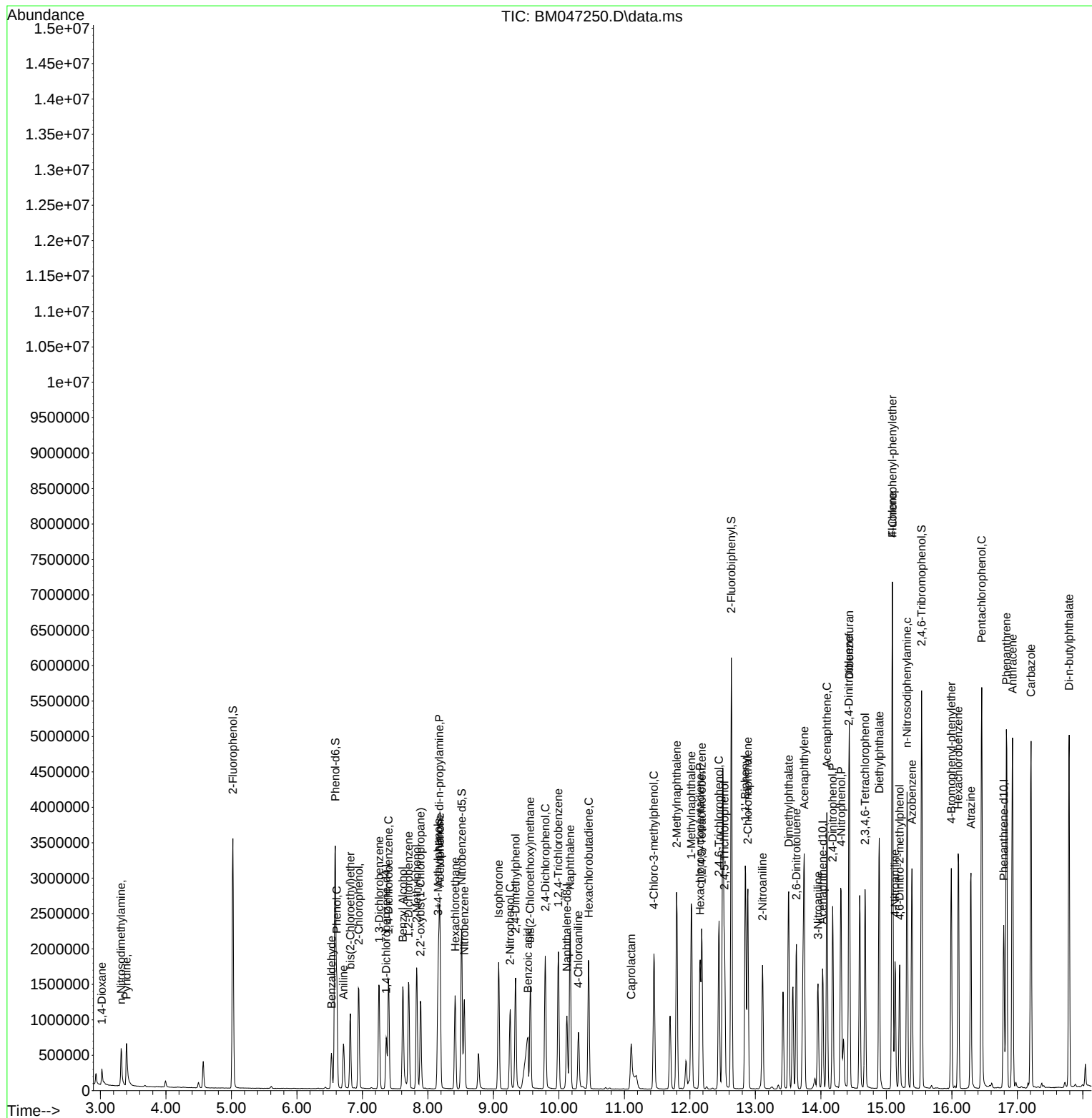
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	610765	47.156	ng	97
46) 1,1'-Biphenyl	12.845	154	1692324	39.506	ng	99
47) 2-Chloronaphthalene	12.886	162	1420731	42.433	ng	97
48) 2-Nitroaniline	13.110	65	481315	45.887	ng	98
49) Acenaphthylene	13.745	152	2350545	47.627	ng	100
50) Dimethylphthalate	13.510	163	1955524	46.533	ng	99
51) 2,6-Dinitrotoluene	13.627	165	447612	45.564	ng	89
52) Acenaphthene	14.092	154	1350366	43.134	ng	99
53) 3-Nitroaniline	13.957	138	385947	39.207	ng	98
54) 2,4-Dinitrophenol	14.180	184	595111	101.074	ng	93
55) Dibenzofuran	14.433	168	2242954	45.358	ng	98
56) 4-Nitrophenol	14.310	139	830321	97.818	ng	97
57) 2,4-Dinitrotoluene	14.427	165	625506	47.703	ng	97
58) Fluorene	15.092	166	1840031	45.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	563384	52.926	ng	94
60) Diethylphthalate	14.892	149	1969145	45.885	ng	98
61) 4-Chlorophenyl-phenyle...	15.092	204	888294	45.730	ng	97
62) 4-Nitroaniline	15.133	138	465668	48.018	ng	96
63) Azobenzene	15.392	77	1740175	42.767	ng	95
65) 4,6-Dinitro-2-methylph...	15.204	198	406204	51.054	ng	90
66) n-Nitrosodiphenylamine	15.315	169	1666769	45.031	ng	98
67) 4-Bromophenyl-phenylether	15.992	248	605167	46.214	ng	98
68) Hexachlorobenzene	16.098	284	701756	44.746	ng	96
69) Atrazine	16.292	200	559997	50.278	ng	99
70) Pentachlorophenol	16.457	266	1002308	91.172	ng	98
71) Phenanthrene	16.833	178	3126126	45.838	ng	100
72) Anthracene	16.927	178	3130614	47.177	ng	100
73) Carbazole	17.209	167	3107281	45.861	ng	99
74) Di-n-butylphthalate	17.792	149	3652536	46.330	ng	99
75) Fluoranthene	18.868	202	3957445	47.707	ng	99
77) Benzidine	19.074	184	973849	43.113	ng	99
78) Pyrene	19.239	202	4183940	43.992	ng	99
80) Butylbenzylphthalate	20.174	149	1835254	47.284	ng	95
81) Benzo(a)anthracene	21.021	228	4186583	47.346	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1316983	47.602	ng	98
83) Chrysene	21.074	228	3874920	46.188	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2493859	45.307	ng #	98
85) Di-n-octyl phthalate	22.009	149	4621455	49.397	ng	98
87) Indeno(1,2,3-cd)pyrene	26.762	276	5478272	52.537	ng	98
88) Benzo(b)fluoranthene	22.897	252	4575044	47.755	ng	99
89) Benzo(k)fluoranthene	22.956	252	4333239	47.886	ng	99
90) Benzo(a)pyrene	23.621	252	4321255	52.069	ng	98
91) Dibenzo(a,h)anthracene	26.809	278	4427346	52.465	ng	99
92) Benzo(g,h,i)perylene	27.691	276	4267391	48.706	ng	99

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

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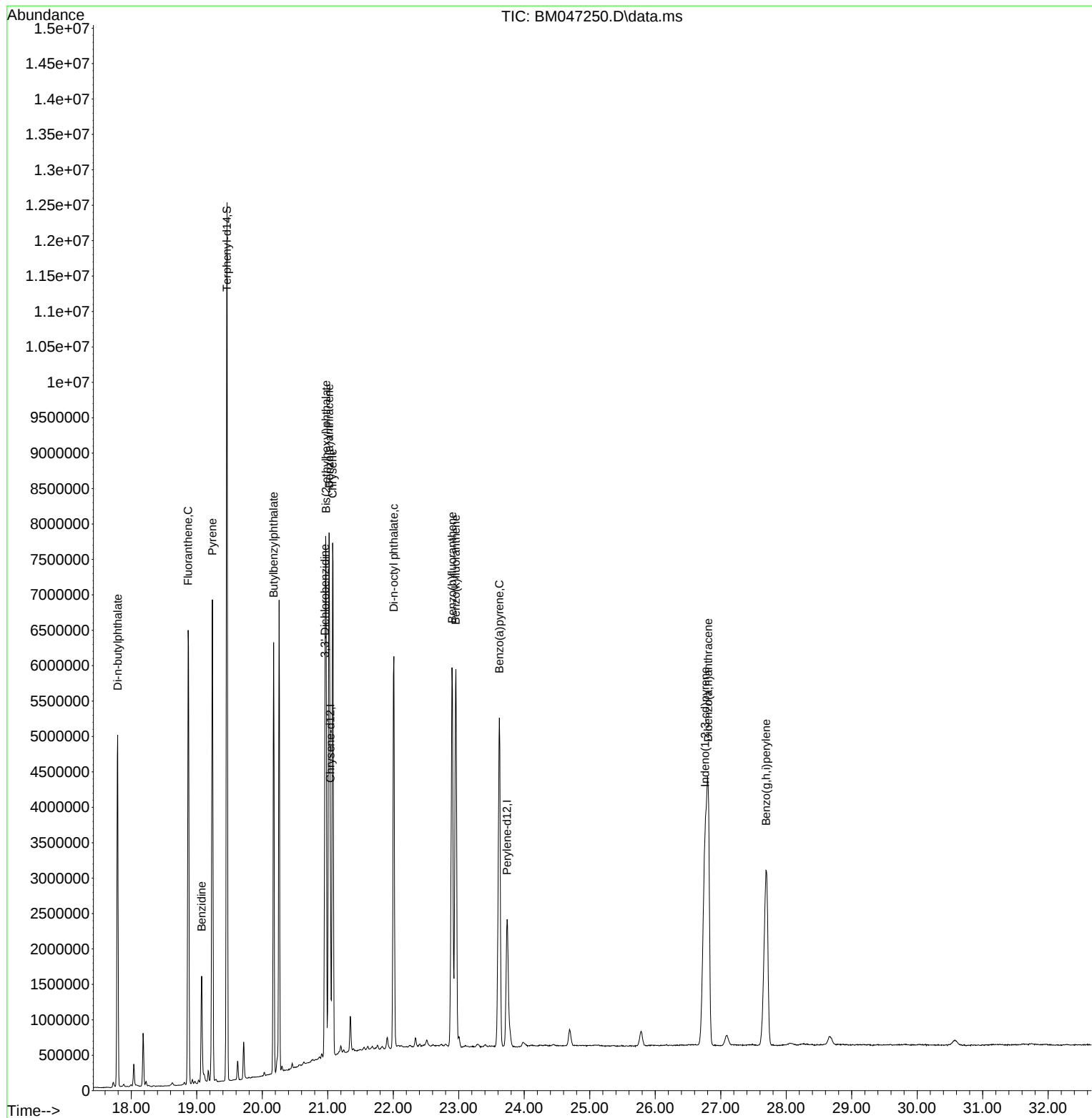
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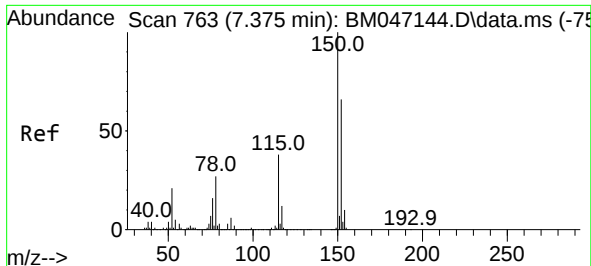


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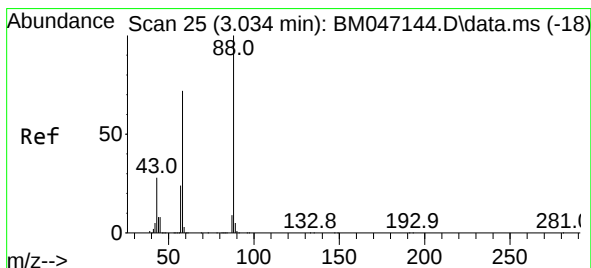
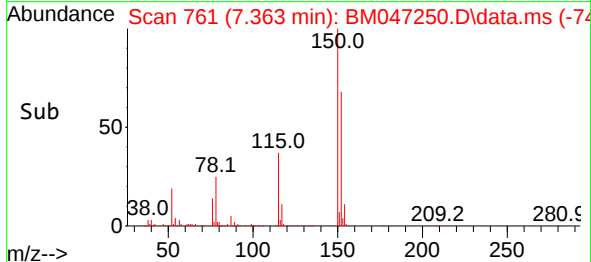
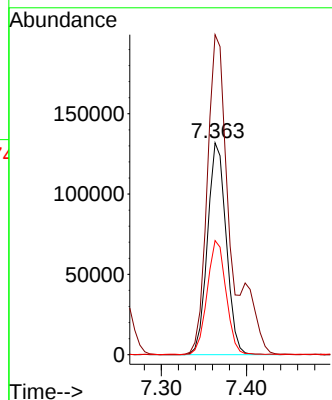
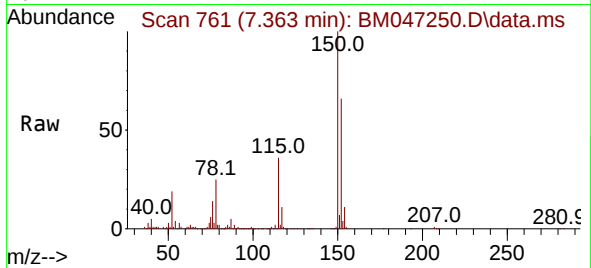




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

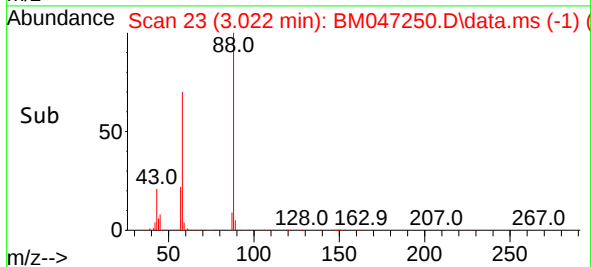
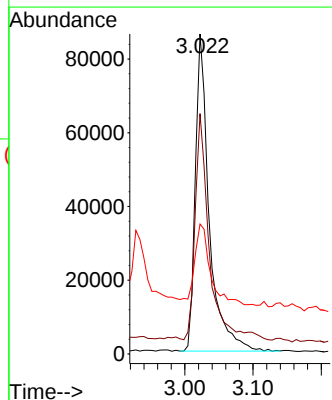
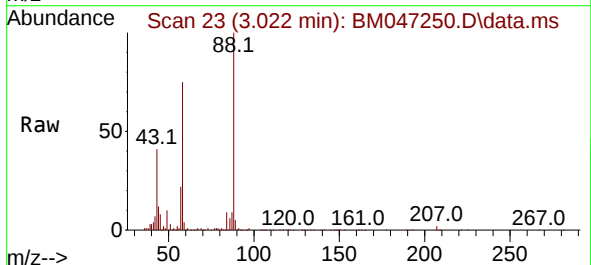
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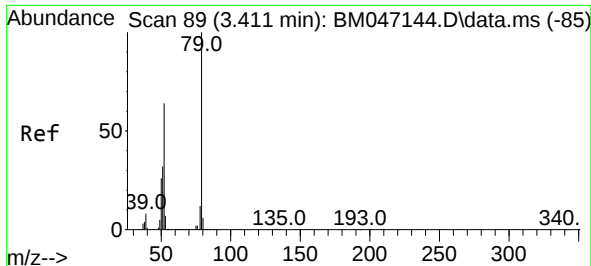
Tgt Ion:152 Resp: 200715
Ion Ratio Lower Upper
152 100
150 151.0 120.5 180.7
115 53.9 45.5 68.3



#2
1,4-Dioxane
Concen: 26.131 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 88 Resp: 121620
Ion Ratio Lower Upper
88 100
58 72.4 58.2 87.4
43 29.5 22.5 33.7

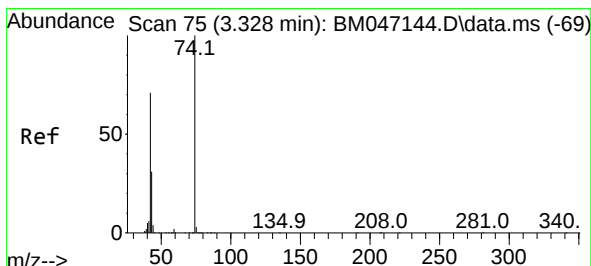
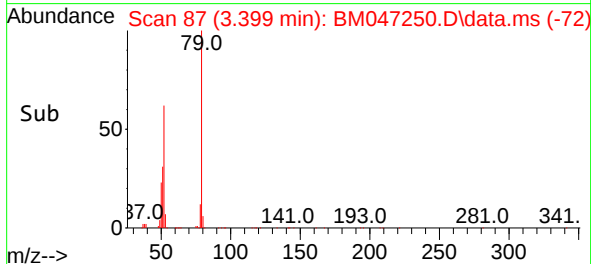
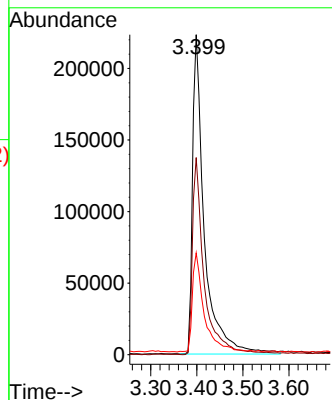
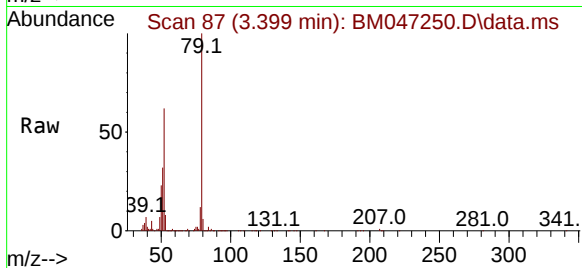




#3
 Pyridine
 Concen: 29.045 ng
 RT: 3.399 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047250.D
 Acq: 19 Aug 2024 13:01

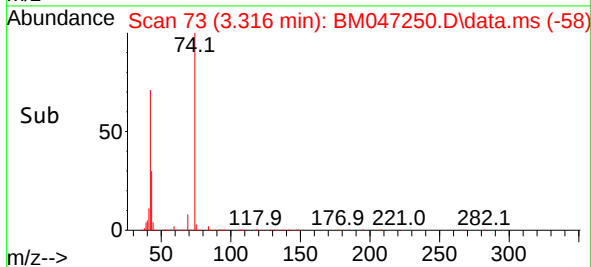
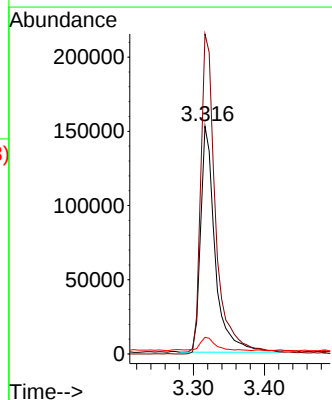
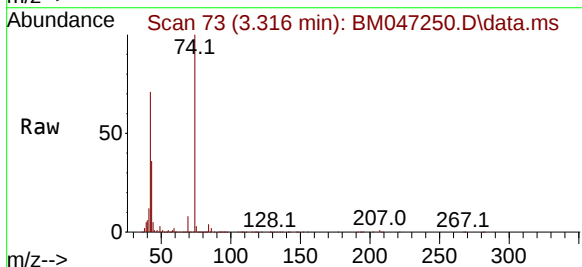
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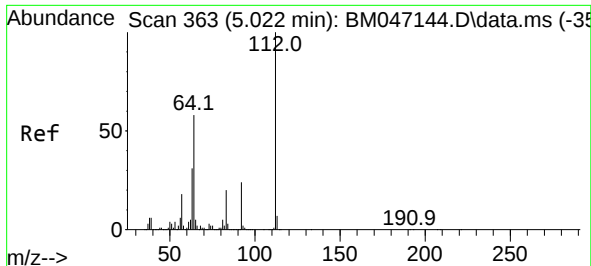
Tgt Ion: 79 Resp: 396398
 Ion Ratio Lower Upper
 79 100
 52 61.6 51.2 76.8
 51 31.8 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 36.296 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BM047250.D
 Acq: 19 Aug 2024 13:01

Tgt Ion: 42 Resp: 216424
 Ion Ratio Lower Upper
 42 100
 74 140.6 112.9 169.3
 44 7.3 5.3 7.9

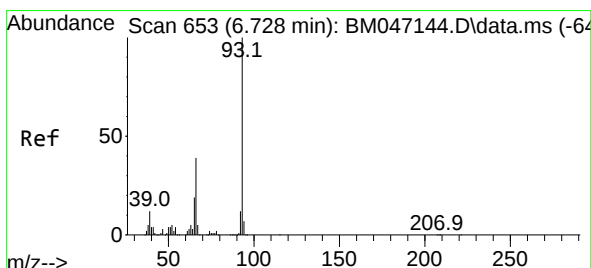
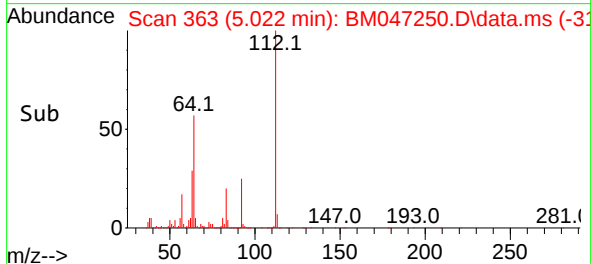
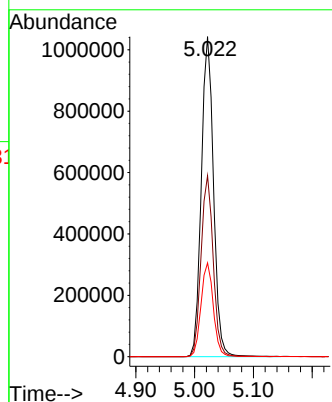
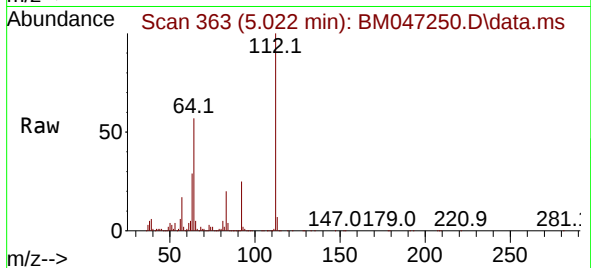




#5
2-Fluorophenol
Concen: 133.602 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

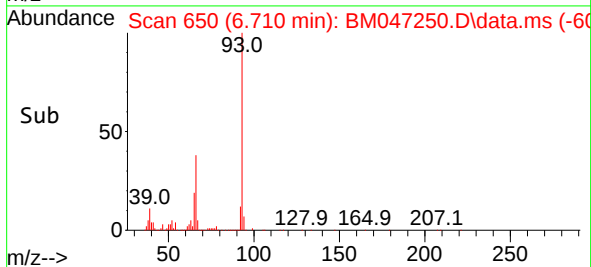
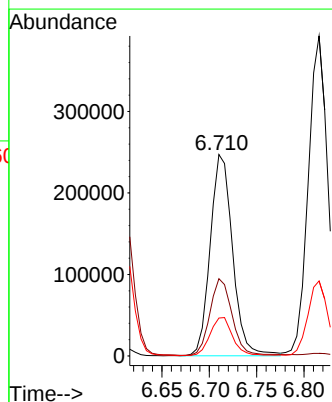
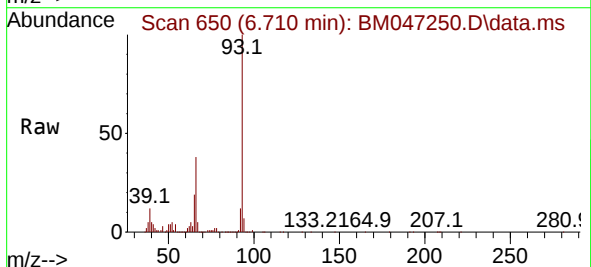
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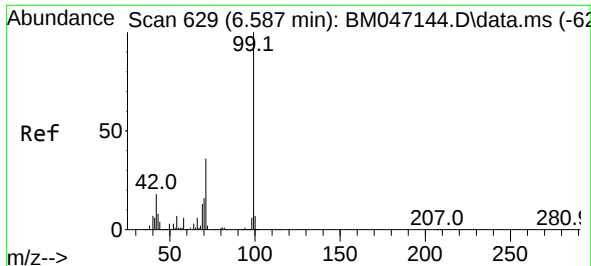
Tgt Ion:112 Resp: 1500748
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 29.3 24.8 37.2



#6
Aniline
Concen: 27.784 ng
RT: 6.710 min Scan# 650
Delta R.T. -0.018 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 93 Resp: 406471
Ion Ratio Lower Upper
93 100
66 38.3 31.4 47.2
65 18.8 15.6 23.4



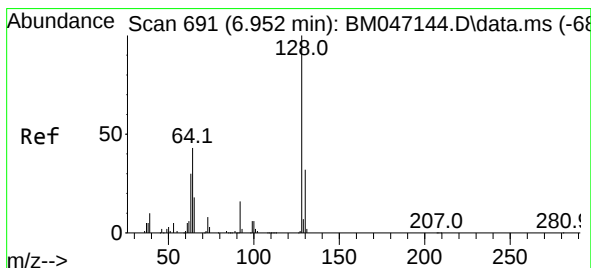
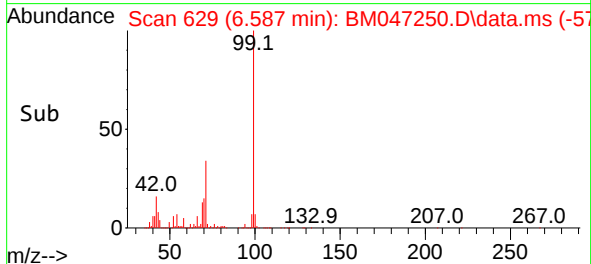
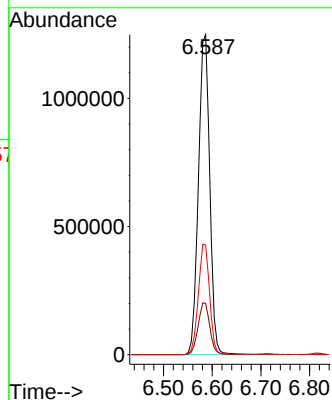
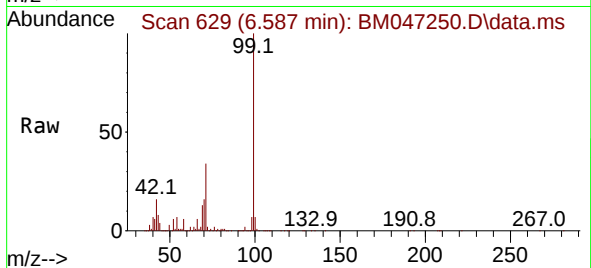


#7
Phenol-d6
Concen: 130.792 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 2024398

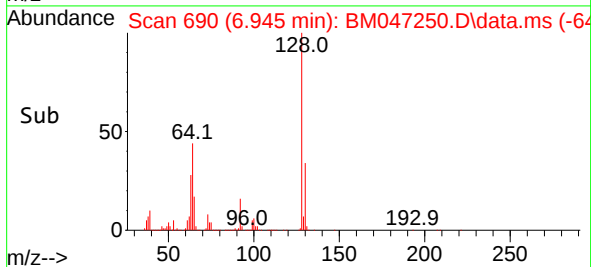
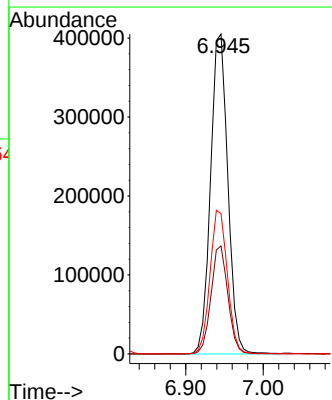
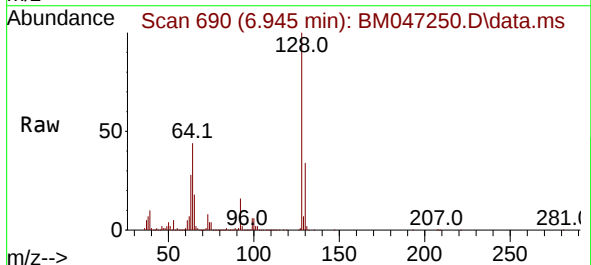
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	34.3	28.5	42.7

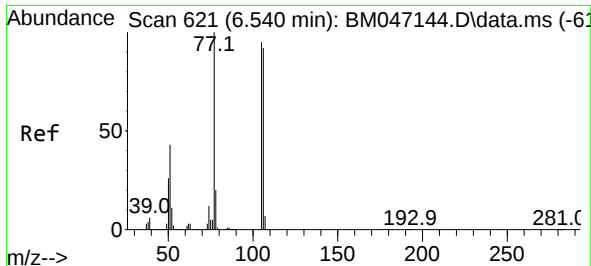


#8
2-Chlorophenol
Concen: 51.293 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 128 Resp: 628413

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.1	52.1
64	43.9	26.6	66.6

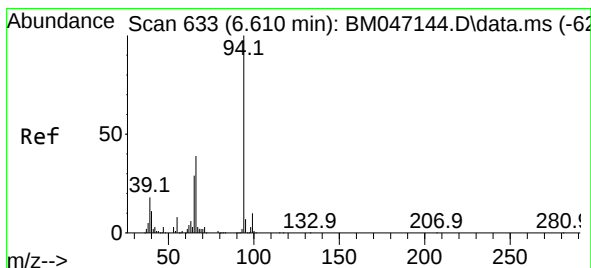
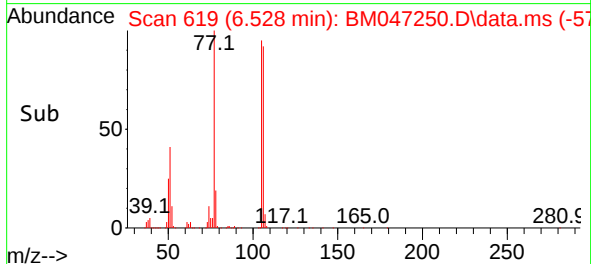
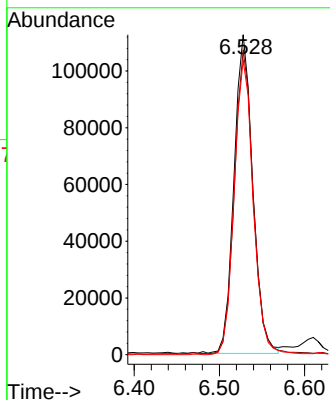
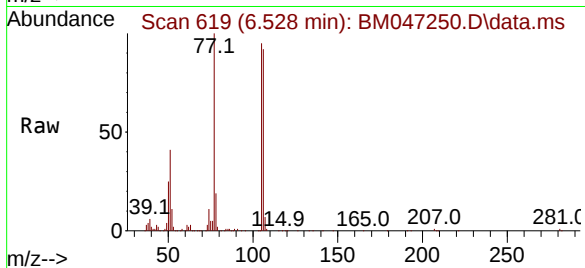




#9
Benzaldehyde
Concen: 16.936 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

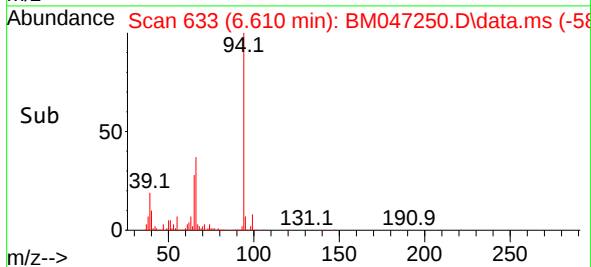
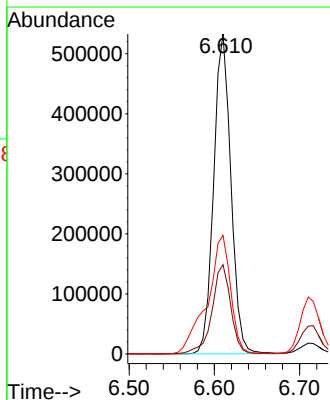
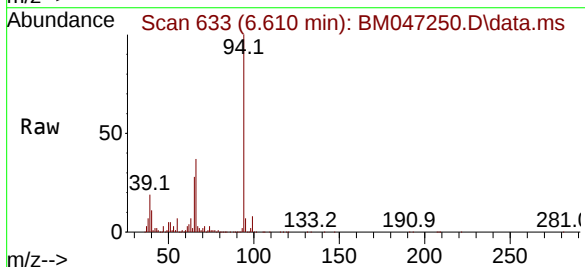
Instrument :
BNA_M
ClientSampleId :
PB162757BS

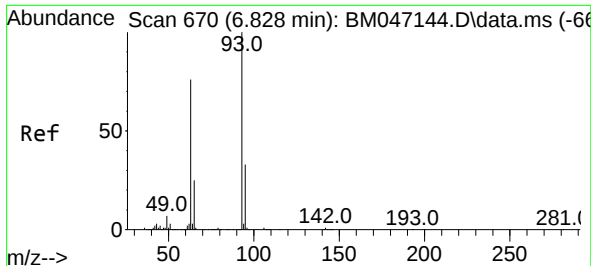
Tgt Ion: 77 Resp: 171778
Ion Ratio Lower Upper
77 100
105 95.1 74.5 114.5
106 92.1 72.3 112.3



#10
Phenol
Concen: 48.467 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 94 Resp: 748552
Ion Ratio Lower Upper
94 100
65 27.9 9.0 49.0
66 37.1 18.9 58.9





#11

bis(2-Chloroethyl)ether

Concen: 42.374 ng

RT: 6.816 min Scan# 6

Delta R.T. -0.012 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

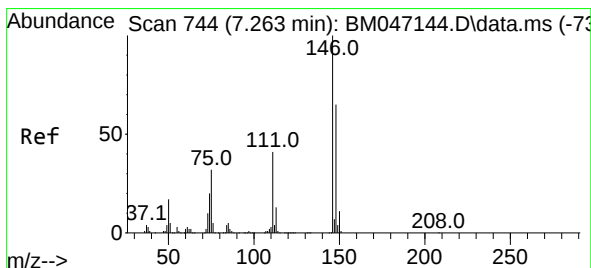
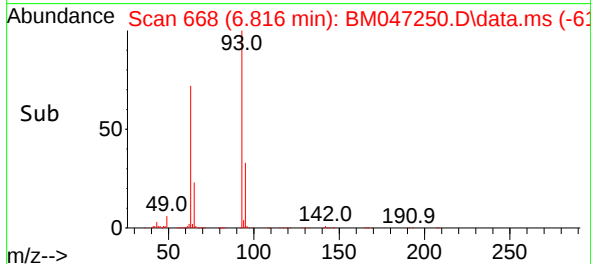
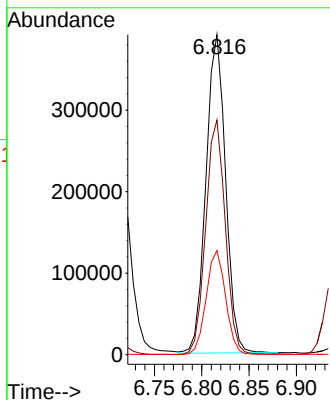
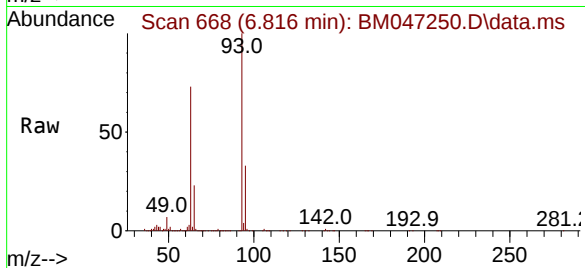
Tgt Ion: 93 Resp: 560447

Ion Ratio Lower Upper

93 100

63 73.3 55.8 95.8

95 32.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 42.495 ng

RT: 7.257 min Scan# 743

Delta R.T. -0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

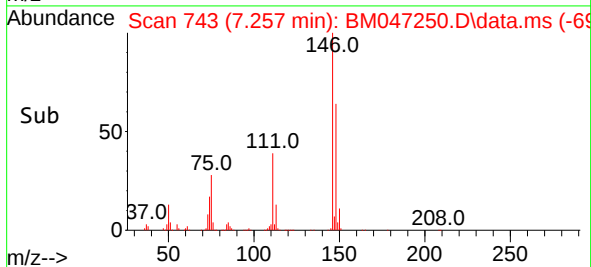
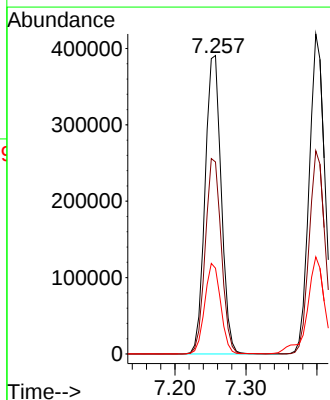
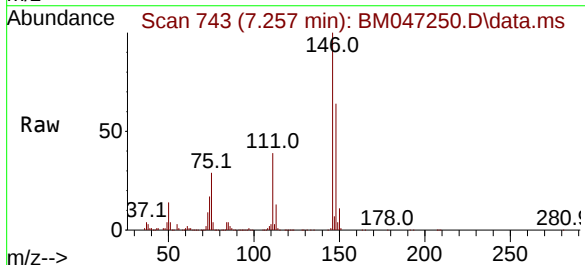
Tgt Ion: 146 Resp: 618674

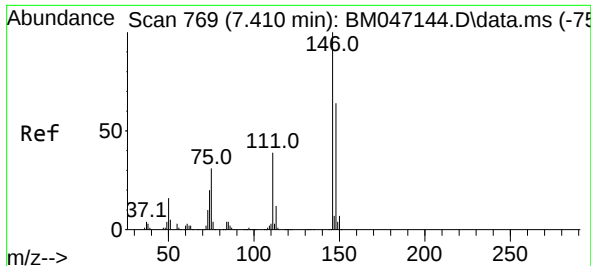
Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

75 28.8 25.8 38.6

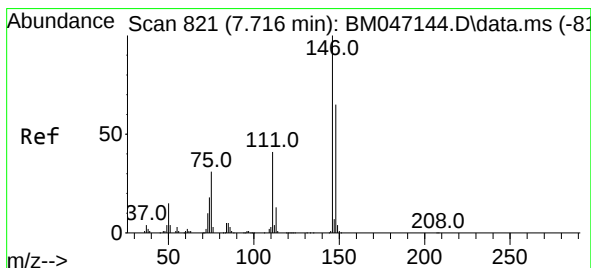
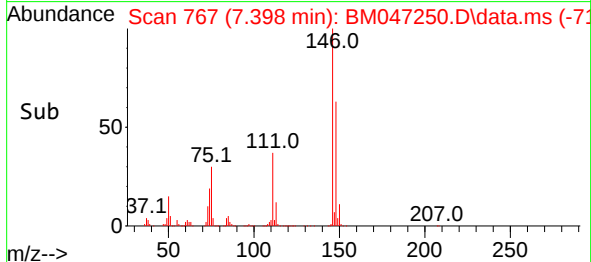
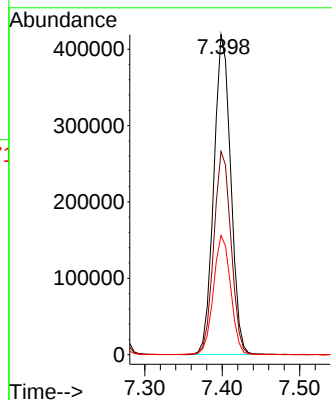
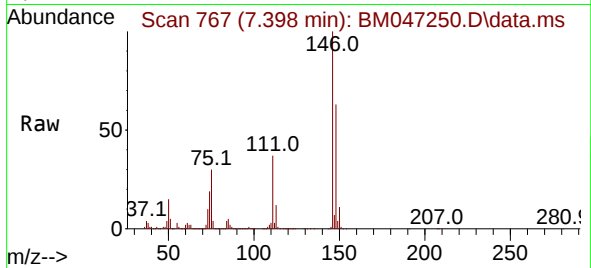




#13
1,4-Dichlorobenzene
Concen: 43.163 ng
RT: 7.398 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

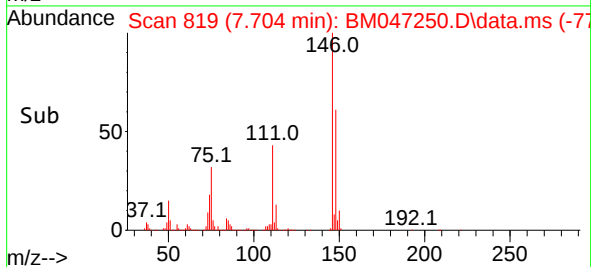
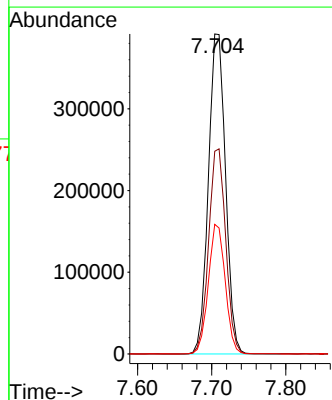
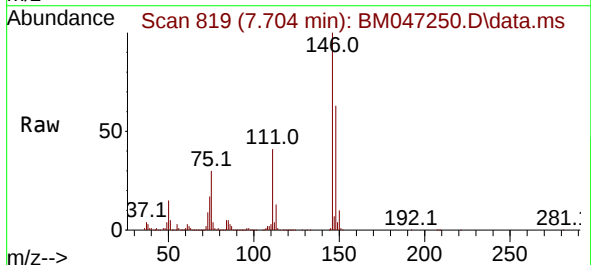
Instrument :
BNA_M
ClientSampleId :
PB162757BS

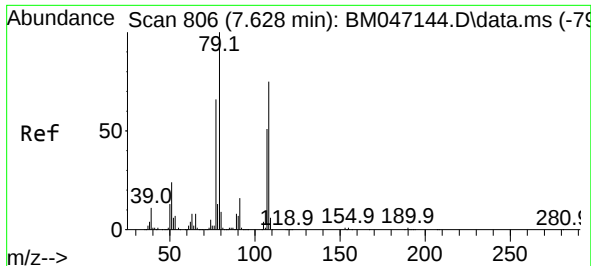
Tgt Ion:146 Resp: 636233
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 37.3 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 45.279 ng
RT: 7.704 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:146 Resp: 629748
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 40.5 33.3 49.9

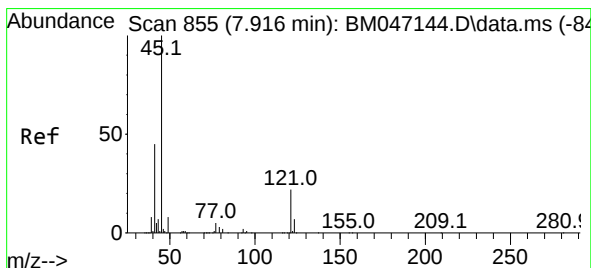
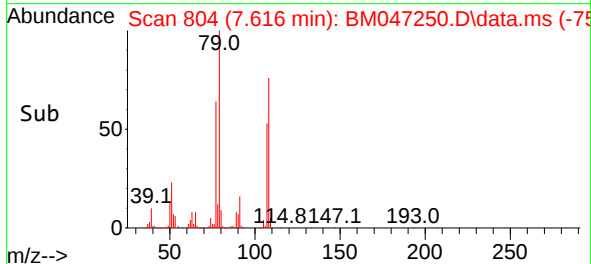
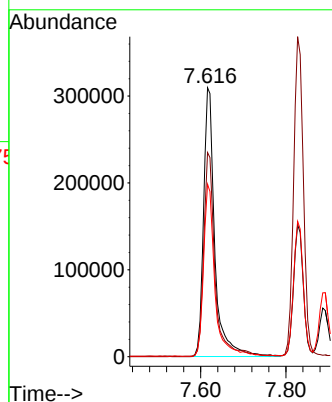
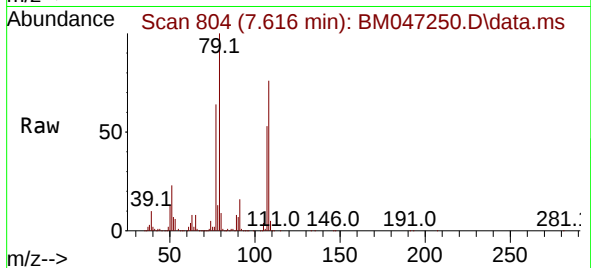




#15
Benzyl Alcohol
Concen: 51.345 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

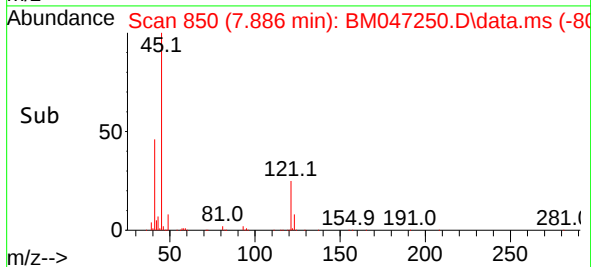
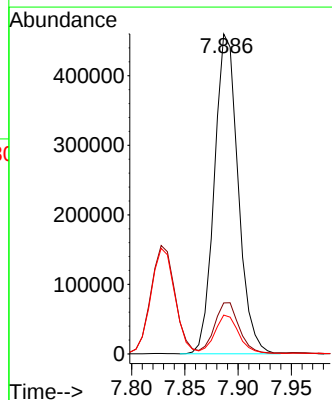
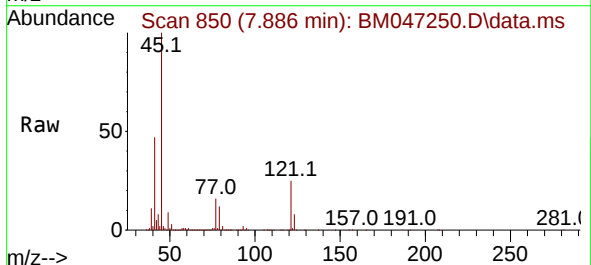
Instrument :
BNA_M
ClientSampleId :
PB162757BS

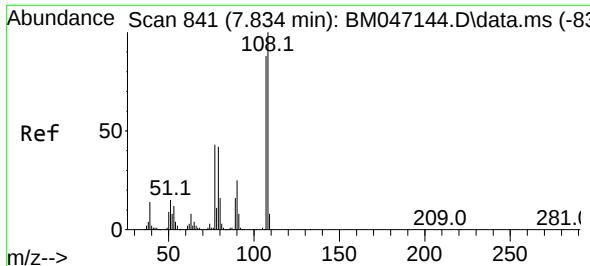
Tgt Ion: 79 Resp: 565608
Ion Ratio Lower Upper
79 100
108 75.9 59.7 89.5
77 64.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.970 ng
RT: 7.886 min Scan# 850
Delta R.T. -0.030 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 45 Resp: 712313
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.6
79 12.2 0.0 32.4





#17

2-Methylphenol

Concen: 49.915 ng

RT: 7.828 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM047250.D

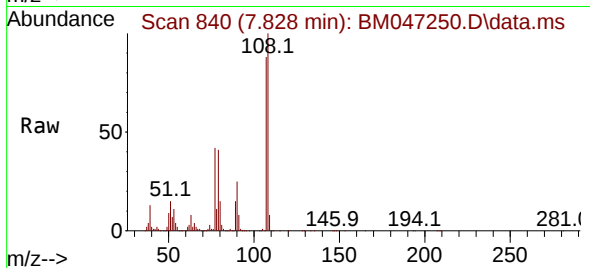
Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS



Tgt Ion:107 Resp: 514304

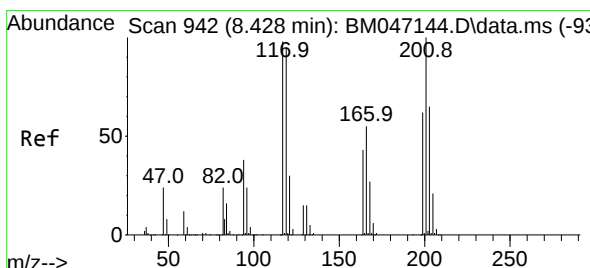
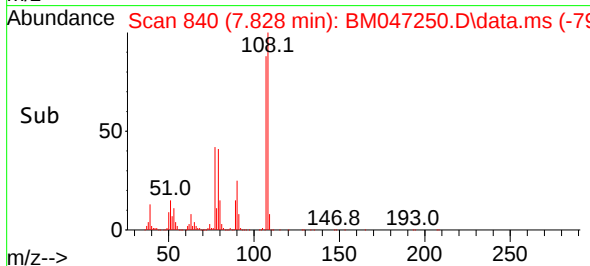
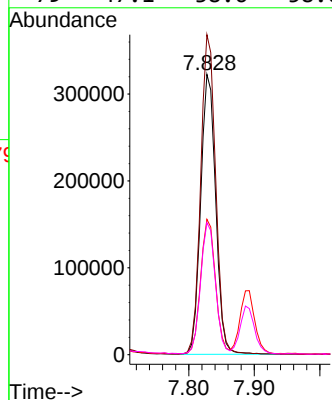
Ion Ratio Lower Upper

107 100

108 114.2 90.6 135.8

77 48.3 39.3 58.9

79 47.1 38.6 58.0



#18

Hexachloroethane

Concen: 41.408 ng

RT: 8.416 min Scan# 940

Delta R.T. -0.012 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

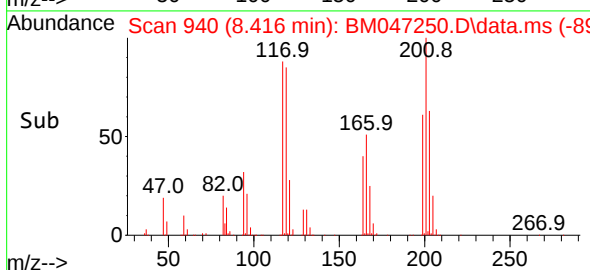
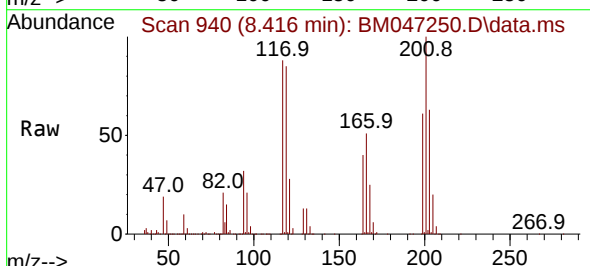
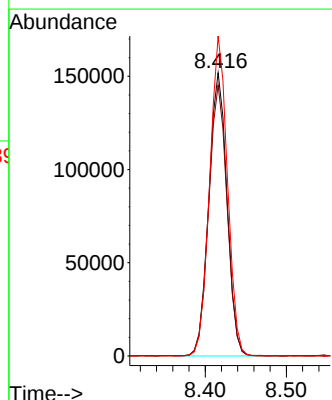
Tgt Ion:117 Resp: 236430

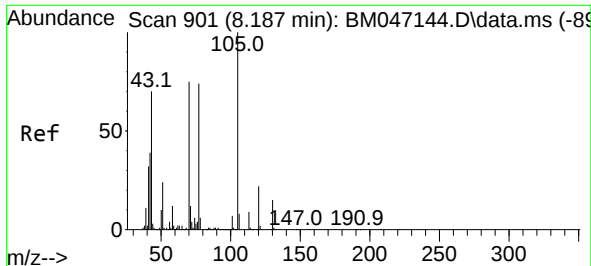
Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.4

201 113.0 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.129 ng

RT: 8.175 min Scan# 899

Delta R.T. -0.012 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

Tgt Ion: 70 Resp: 449654

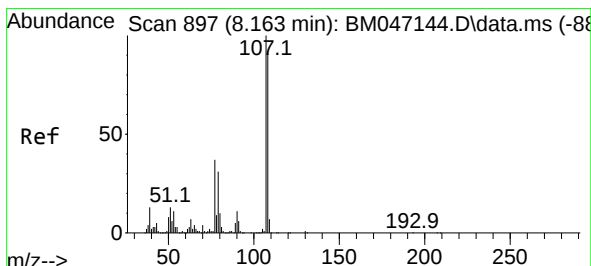
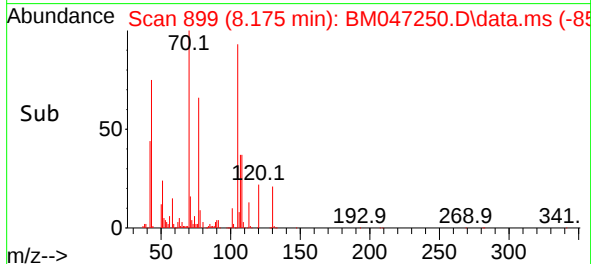
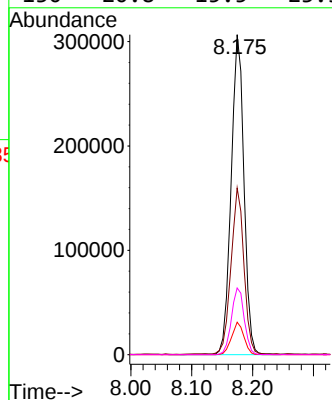
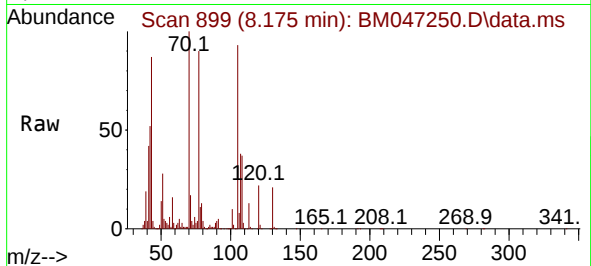
Ion Ratio Lower Upper

70 100

42 52.1 42.0 63.0

101 10.2 7.2 10.8

130 20.8 15.5 23.3



#20

3+4-Methylphenols

Concen: 49.601 ng

RT: 8.157 min Scan# 896

Delta R.T. -0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Tgt Ion: 107 Resp: 714481

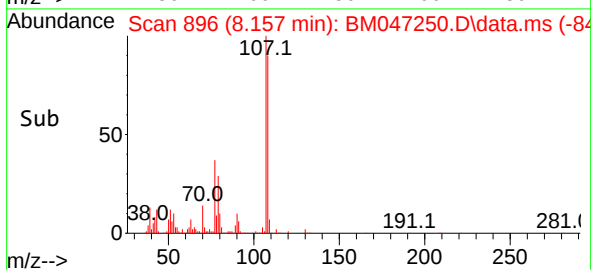
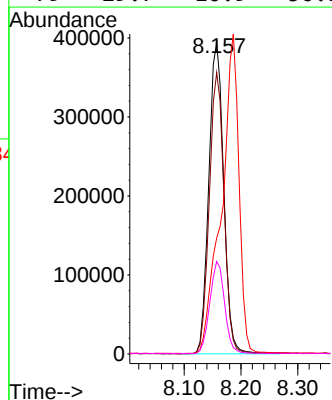
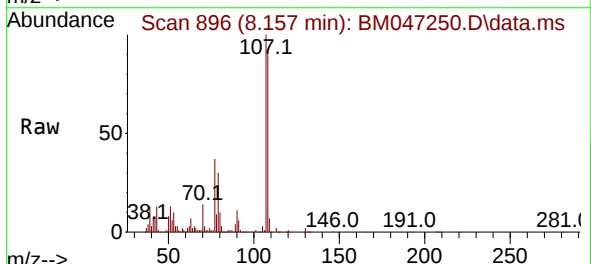
Ion Ratio Lower Upper

107 100

108 90.4 70.7 110.7

77 37.3 17.4 57.4

79 29.7 10.9 50.9

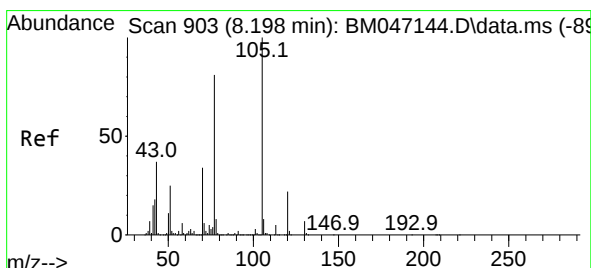
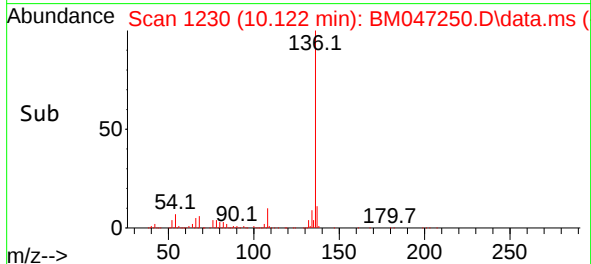
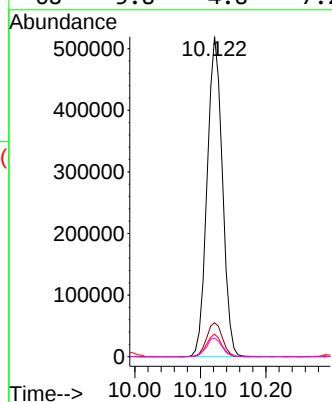
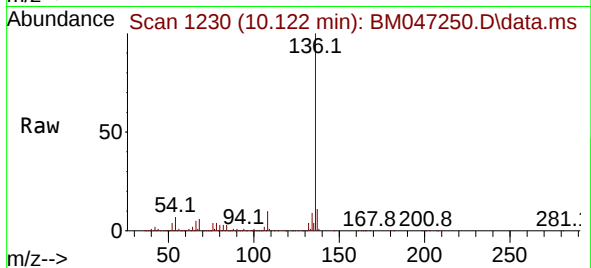




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

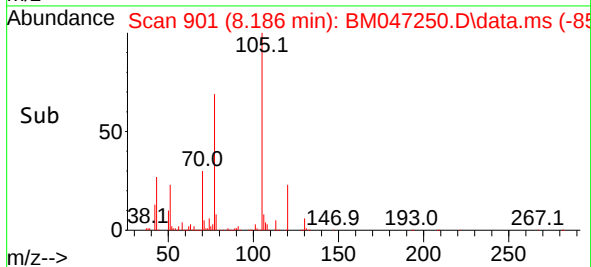
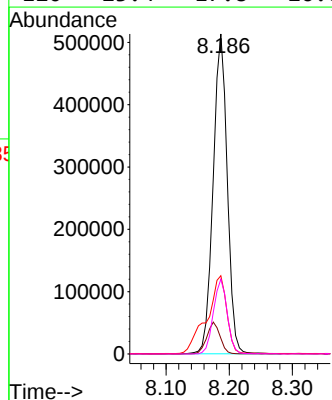
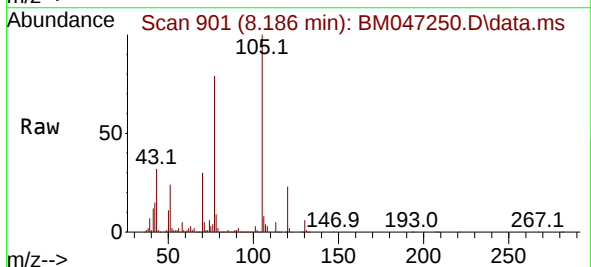
Instrument :
BNA_M
ClientSampleId :
PB162757BS

Tgt Ion:136 Resp: 840423
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.1 6.0 9.0
68 5.8 4.8 7.2



#22
Acetophenone
Concen: 39.261 ng
RT: 8.186 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:105 Resp: 796460
Ion Ratio Lower Upper
105 100
71 4.9 4.5 6.7
51 24.5 20.1 30.1
120 23.4 17.8 26.6

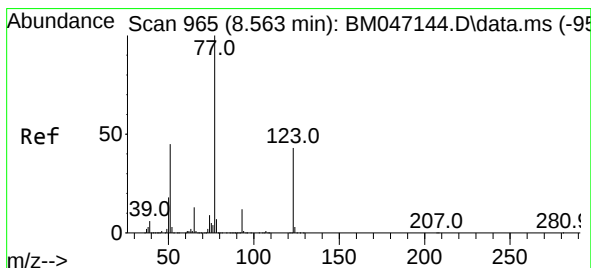
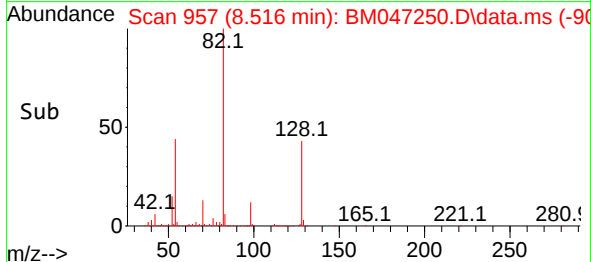
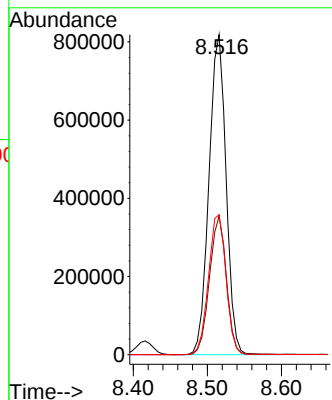
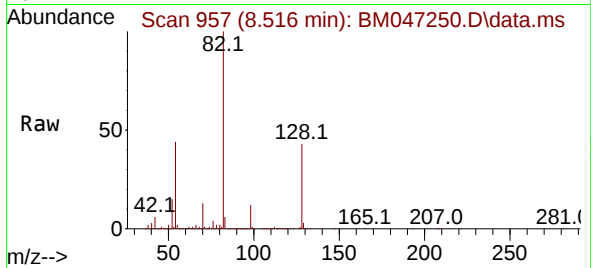




#23
Nitrobenzene-d5
Concen: 78.682 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

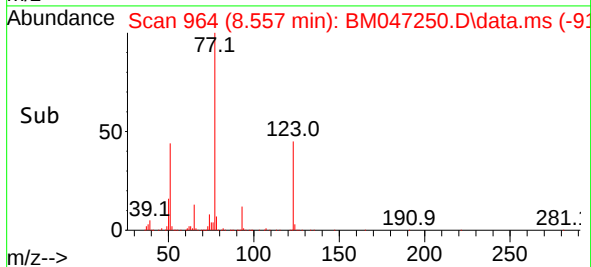
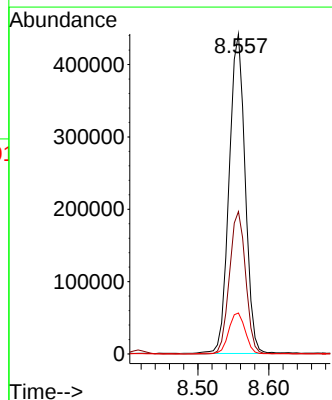
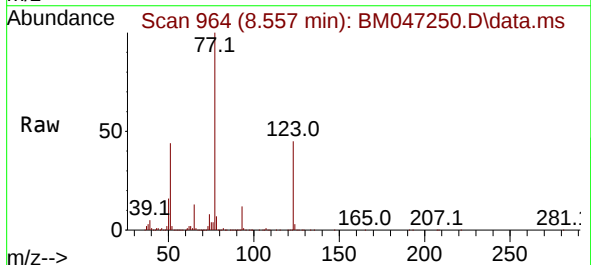
Instrument :
BNA_M
ClientSampleId :
PB162757BS

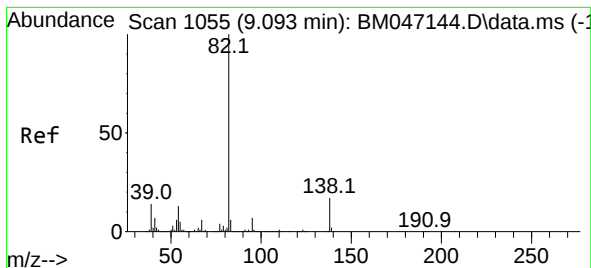
Tgt Ion: 82 Resp: 1313241
Ion Ratio Lower Upper
82 100
128 43.2 32.3 48.5
54 43.8 37.4 56.2



#24
Nitrobenzene
Concen: 41.119 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 77 Resp: 691067
Ion Ratio Lower Upper
77 100
123 44.5 34.0 51.0
65 12.8 10.5 15.7





#25

Isophorone

Concen: 44.916 ng

RT: 9.081 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

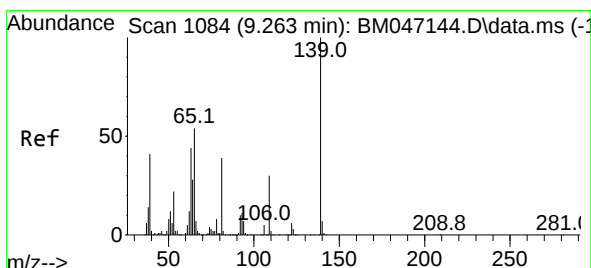
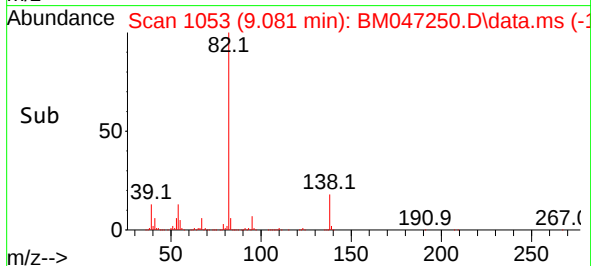
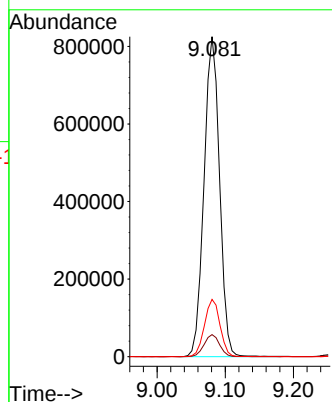
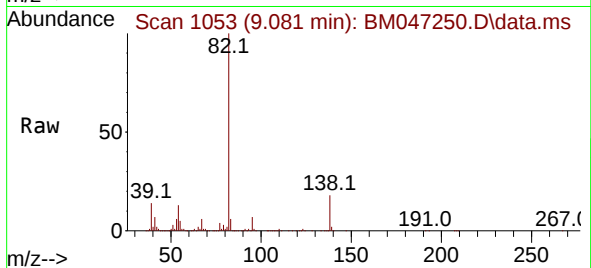
Tgt Ion: 82 Resp: 1305301

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.9 13.5 20.3



#26

2-Nitrophenol

Concen: 48.930 ng

RT: 9.257 min Scan# 1083

Delta R.T. -0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

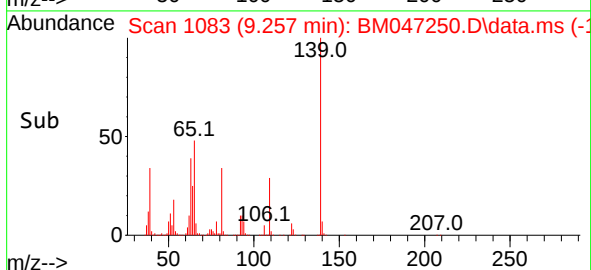
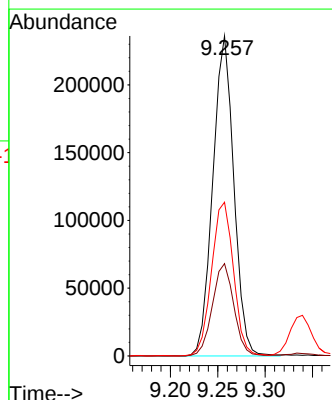
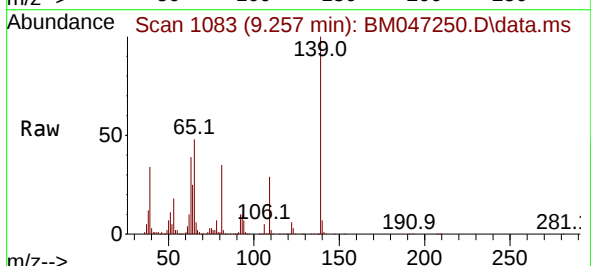
Tgt Ion:139 Resp: 364187

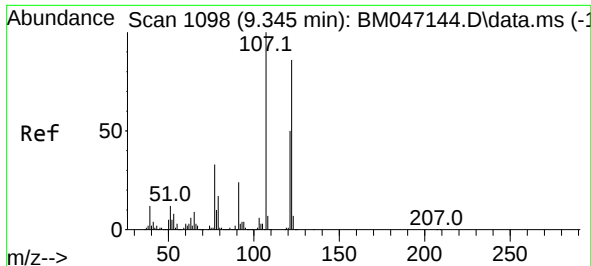
Ion Ratio Lower Upper

139 100

109 28.8 24.4 36.6

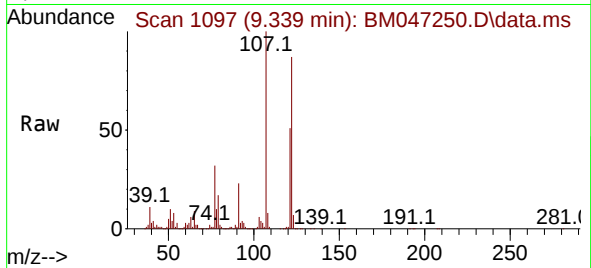
65 48.0 43.0 64.6



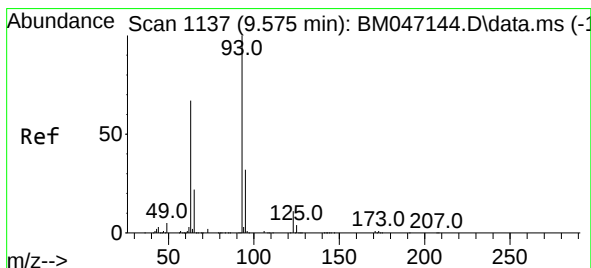
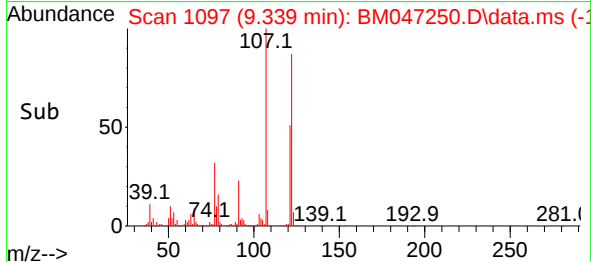
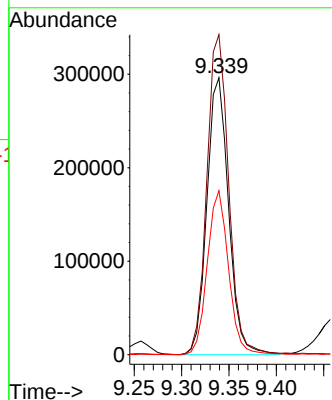


#27
2,4-Dimethylphenol
Concen: 54.185 ng
RT: 9.339 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Instrument :
BNA_M
ClientSampleId :
PB162757BS

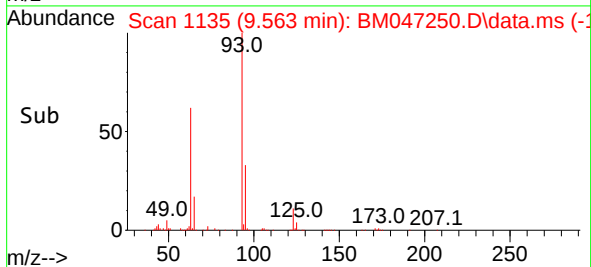
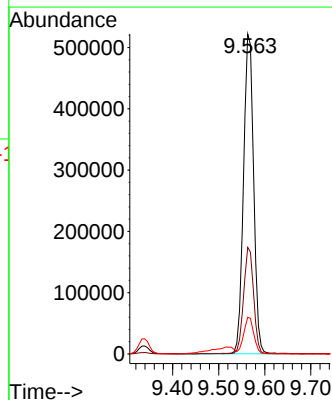
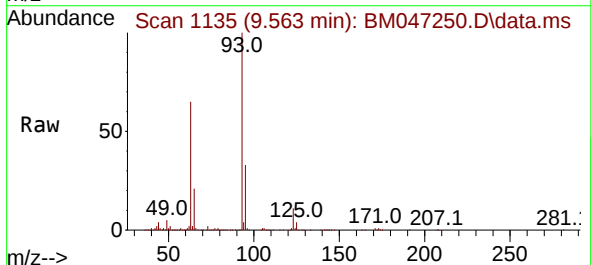


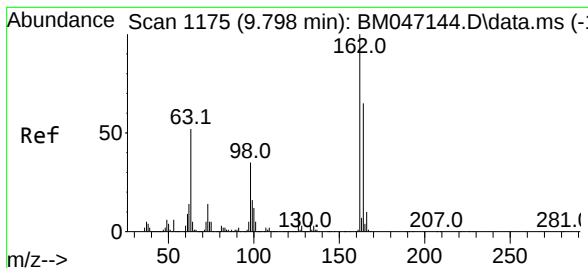
Tgt Ion:122 Resp: 472416
Ion Ratio Lower Upper
122 100
107 115.5 92.8 139.2
121 59.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.905 ng
RT: 9.563 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 93 Resp: 802839
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.8
123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 53.068 ng

RT: 9.792 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

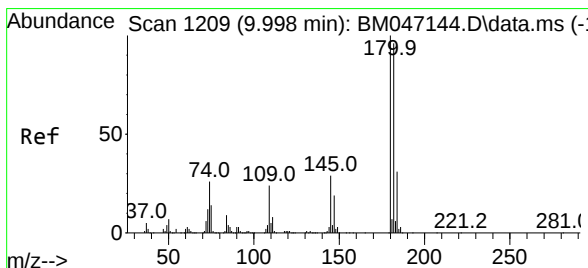
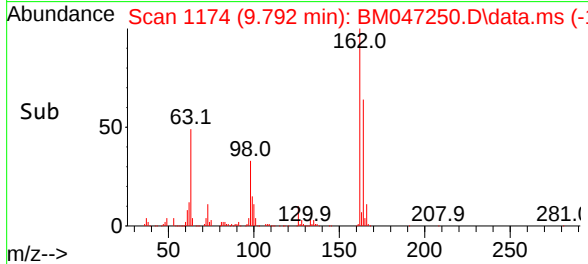
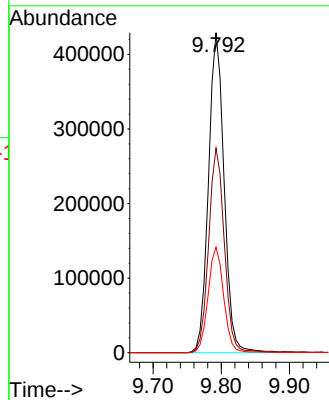
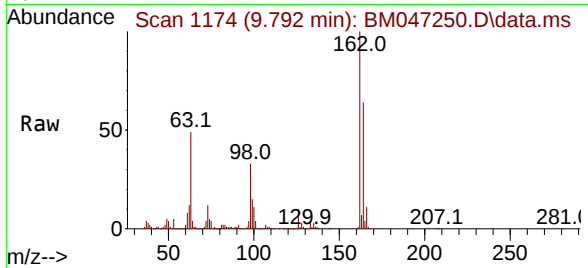
Tgt Ion:162 Resp: 686506

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 32.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 45.431 ng

RT: 9.992 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

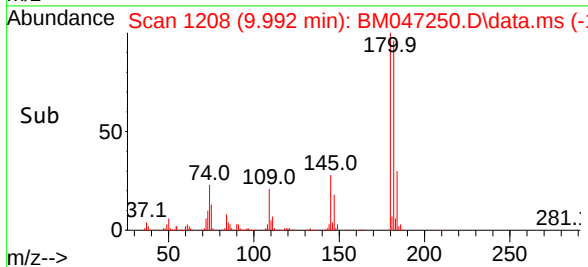
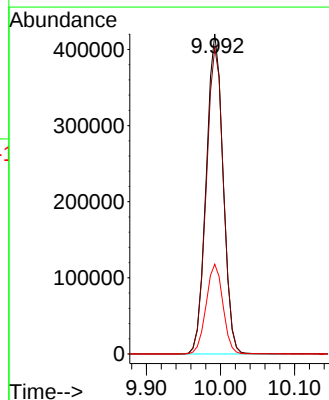
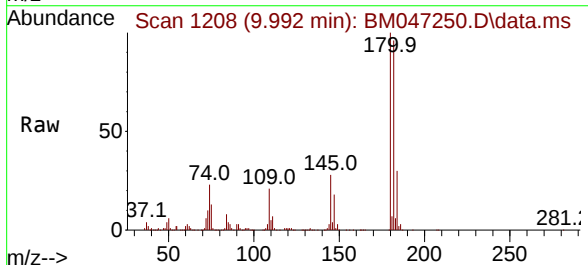
Tgt Ion:180 Resp: 665098

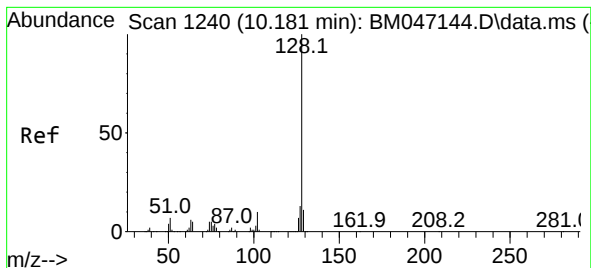
Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

145 28.1 23.4 35.2

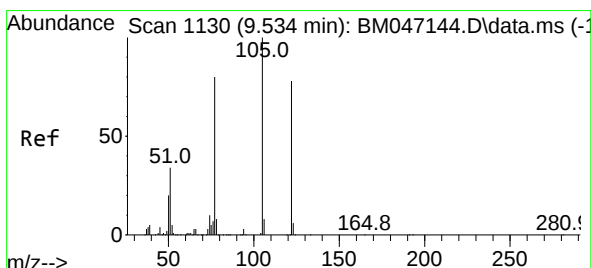
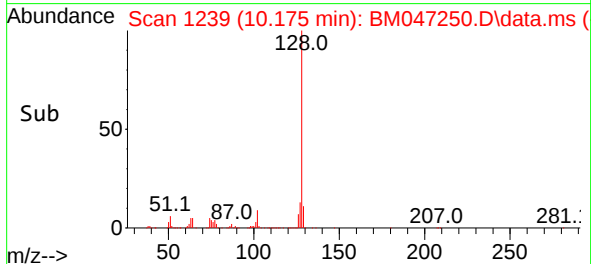
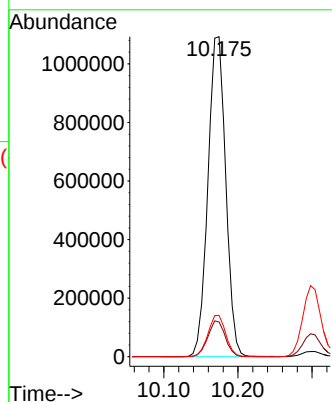
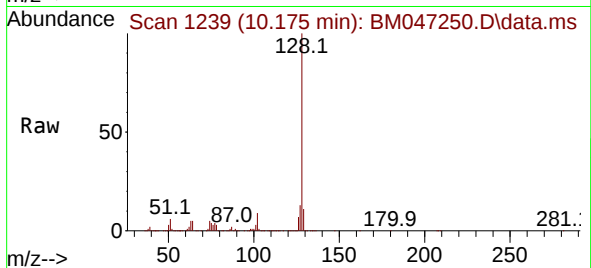




#31
Naphthalene
Concen: 43.556 ng
RT: 10.175 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

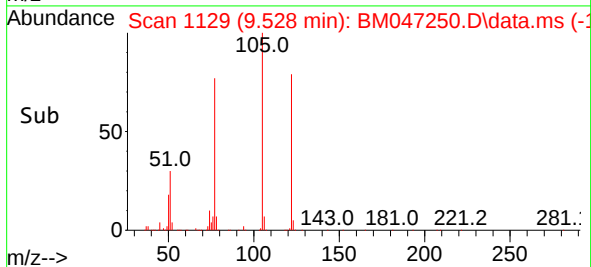
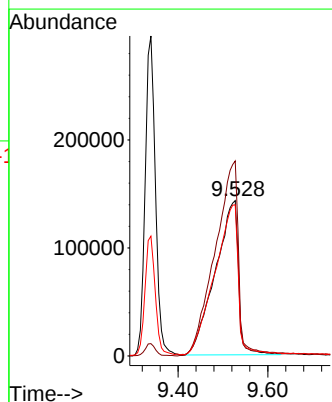
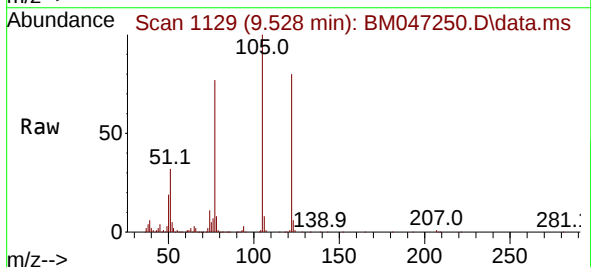
Instrument :
BNA_M
ClientSampleId :
PB162757BS

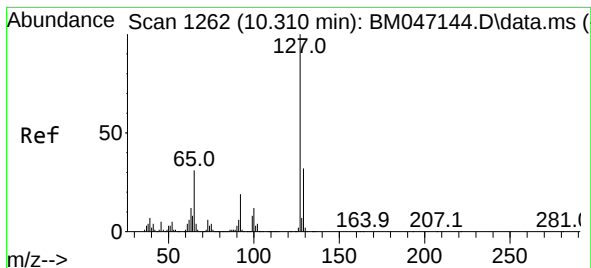
Tgt Ion:128 Resp: 1823534
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 50.747 ng
RT: 9.528 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:122 Resp: 514032
Ion Ratio Lower Upper
122 100
105 125.5 107.1 147.1
77 97.3 82.1 122.1

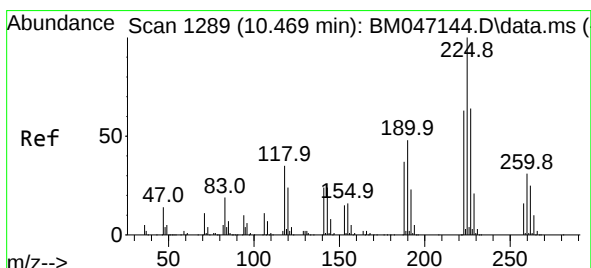
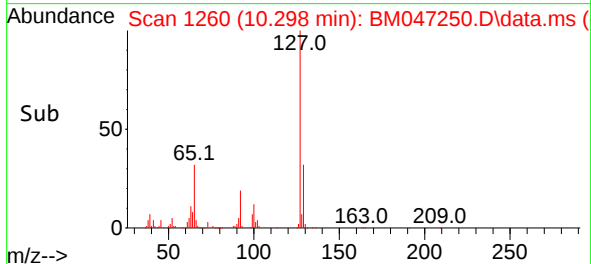
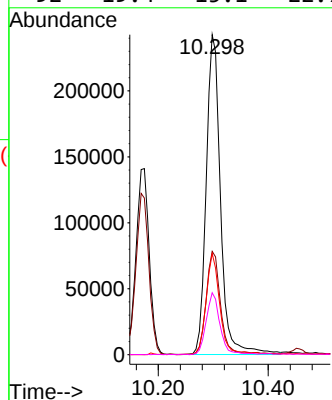
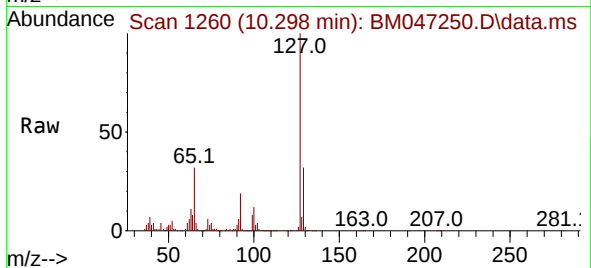




#33
4-Chloroaniline
Concen: 27.184 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

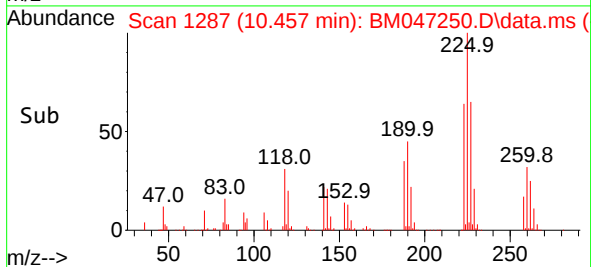
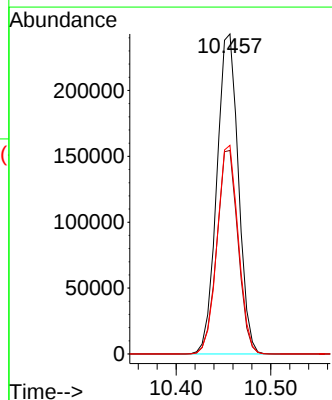
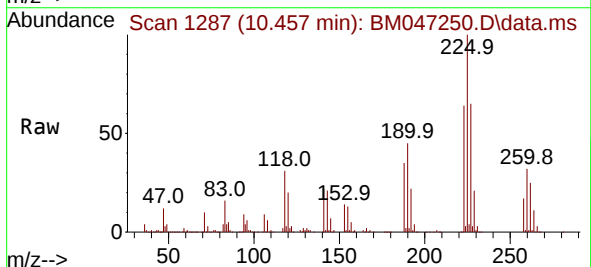
Instrument :
BNA_M
ClientSampleId :
PB162757BS

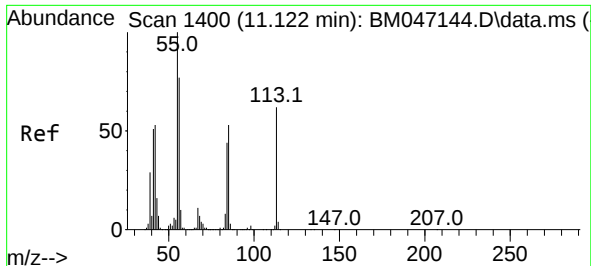
Tgt Ion:	127	Resp:	437665
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	31.6	24.9	37.3
92	19.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 44.736 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:	225	Resp:	383339
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	65.2	51.4	77.0

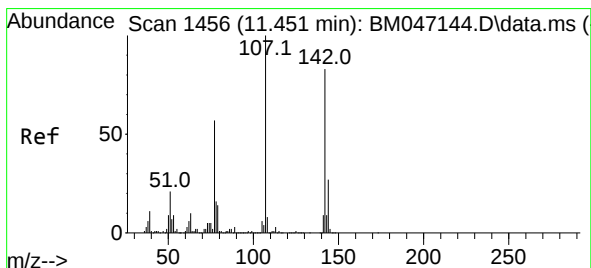
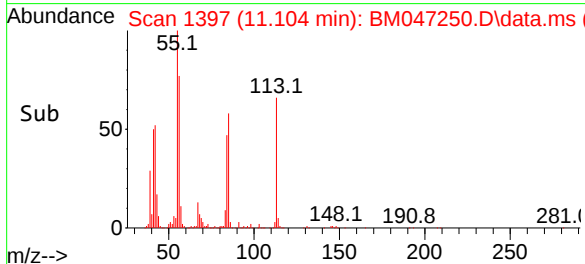
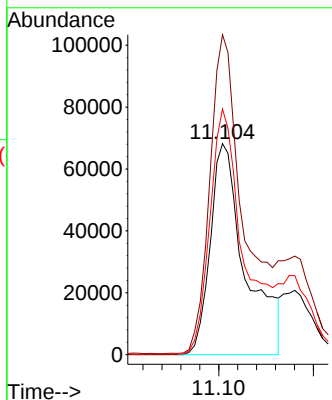
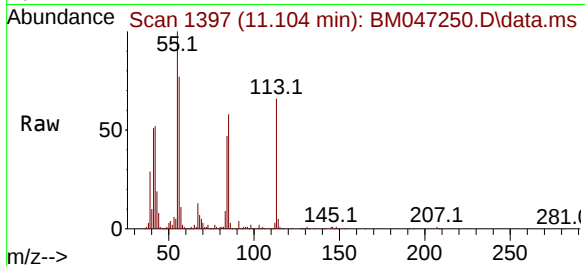




#35
 Caprolactam
 Concen: 39.021 ng
 RT: 11.104 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BM047250.D
 Acq: 19 Aug 2024 13:01

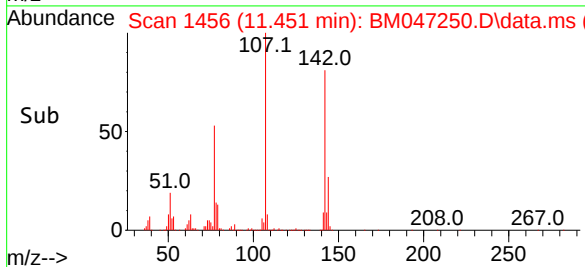
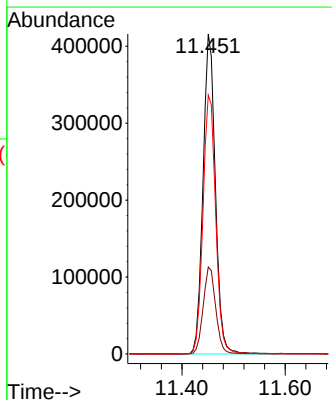
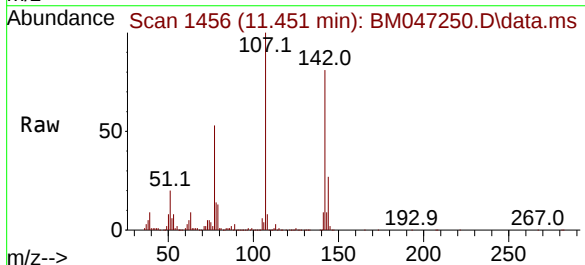
Instrument :
 BNA_M
 ClientSampleId :
 PB162757BS

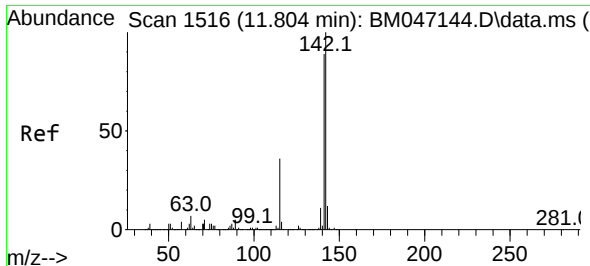
Tgt Ion:113 Resp: 175306
 Ion Ratio Lower Upper
 113 100
 55 151.6 140.5 180.5
 56 116.3 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.057 ng
 RT: 11.451 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BM047250.D
 Acq: 19 Aug 2024 13:01

Tgt Ion:107 Resp: 689653
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.8 32.6
 142 80.9 66.8 100.2

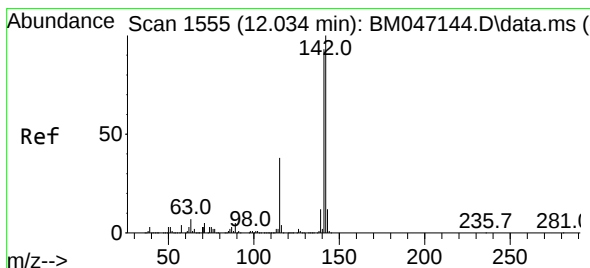
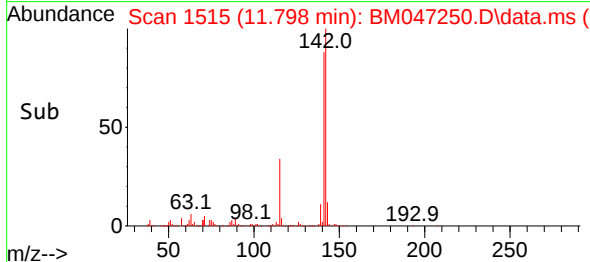
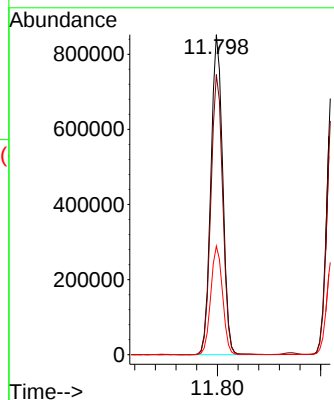
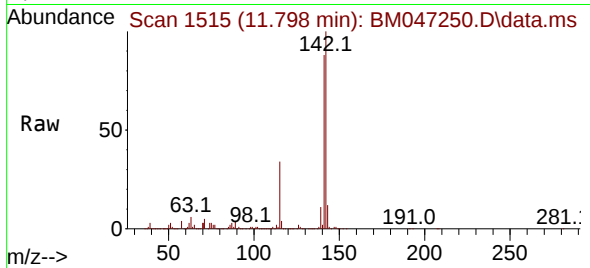




#37
2-Methylnaphthalene
Concen: 45.365 ng
RT: 11.798 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

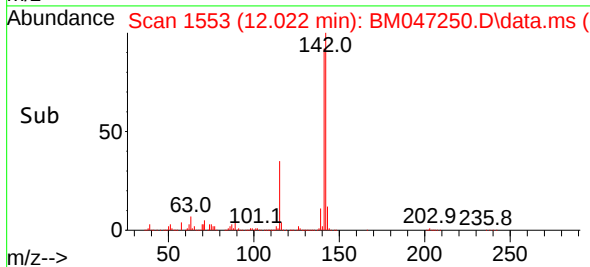
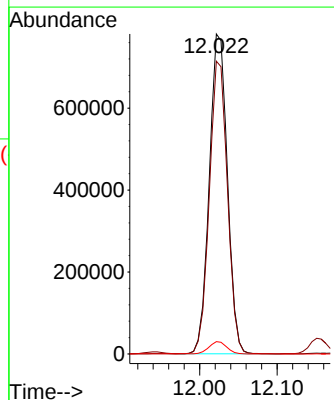
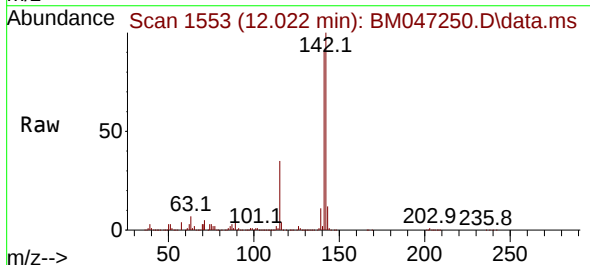
Instrument :
BNA_M
ClientSampleId :
PB162757BS

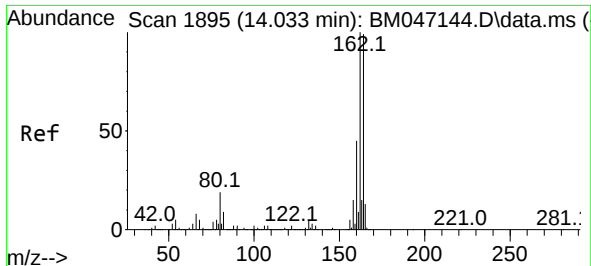
Tgt Ion:142 Resp: 1352299
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3
115 34.0 28.7 43.1



#38
1-Methylnaphthalene
Concen: 42.869 ng
RT: 12.022 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:142 Resp: 1262961
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8
116 3.8 3.1 4.7

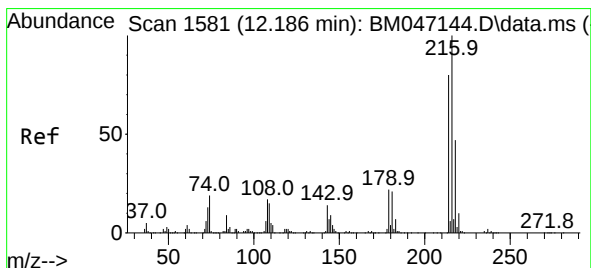
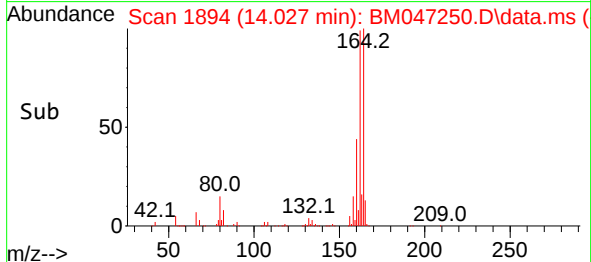
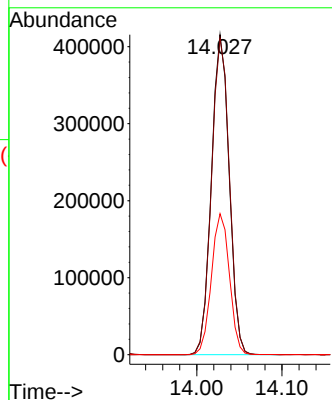
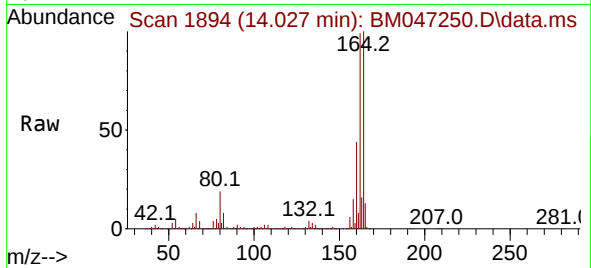




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

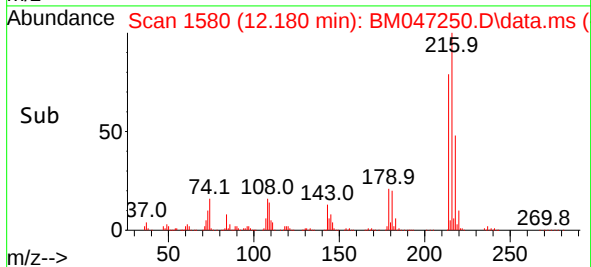
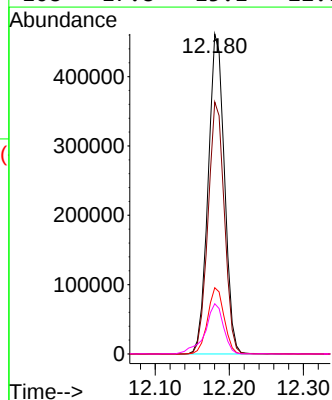
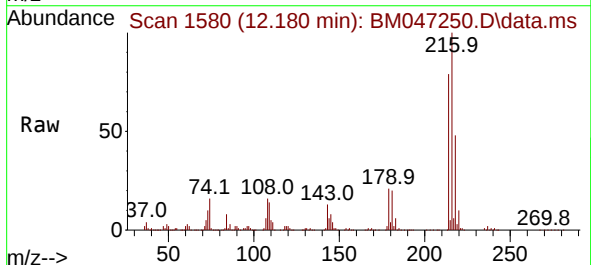
Instrument :
BNA_M
ClientSampleId :
PB162757BS

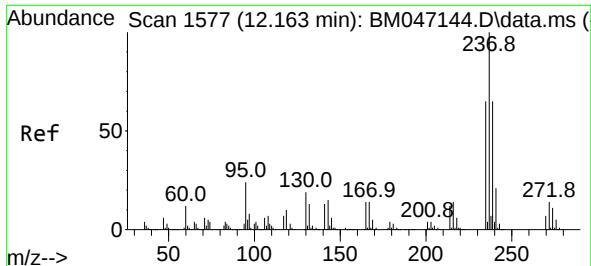
Tgt Ion:164 Resp: 601718
Ion Ratio Lower Upper
164 100
162 98.9 80.7 121.1
160 44.0 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.897 ng
RT: 12.180 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:216 Resp: 704034
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 20.9 17.6 26.4
108 17.8 15.1 22.7

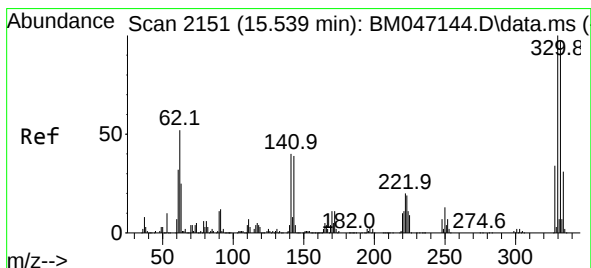
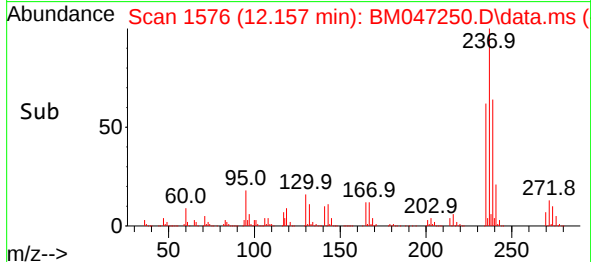
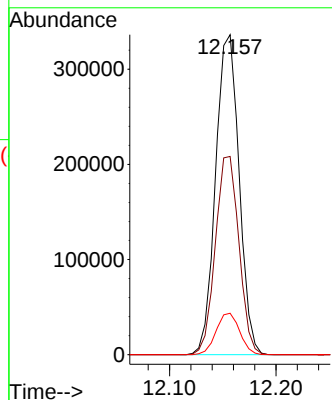
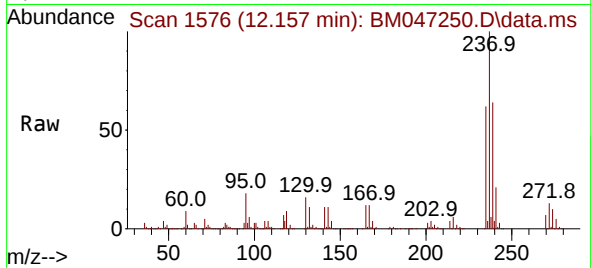




#41
Hexachlorocyclopentadiene
Concen: 89.772 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

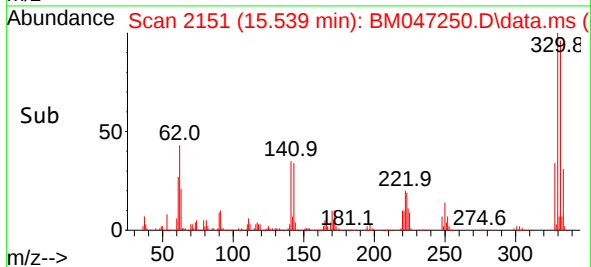
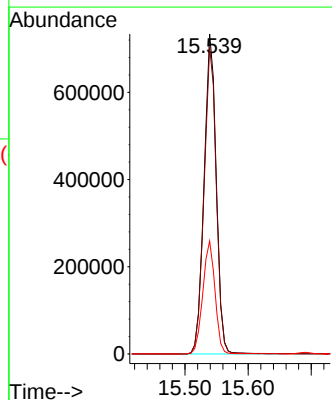
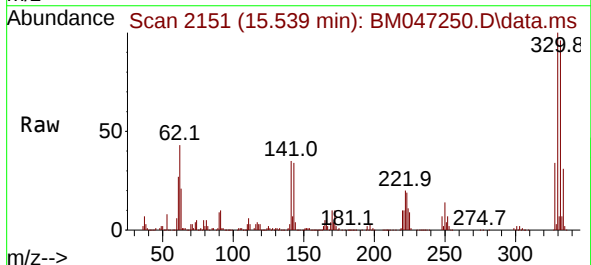
Instrument :
BNA_M
ClientSampleId :
PB162757BS

Tgt Ion:237 Resp: 514477
Ion Ratio Lower Upper
237 100
235 62.0 44.8 84.8
272 13.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 141.011 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:330 Resp: 983835
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 35.4 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 49.854 ng

RT: 12.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

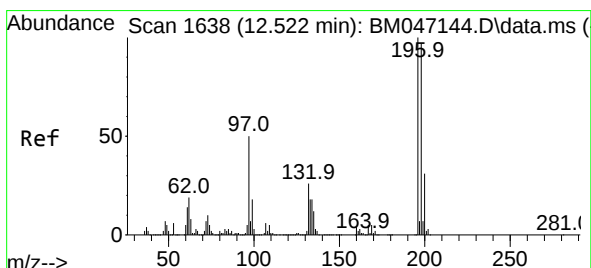
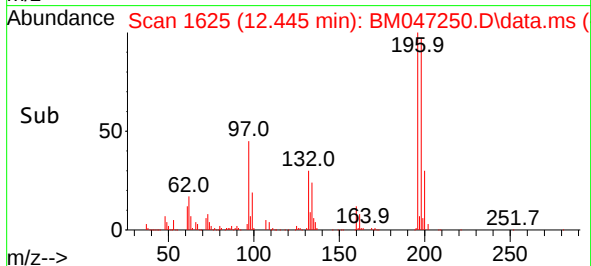
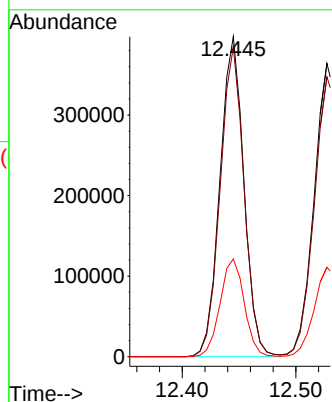
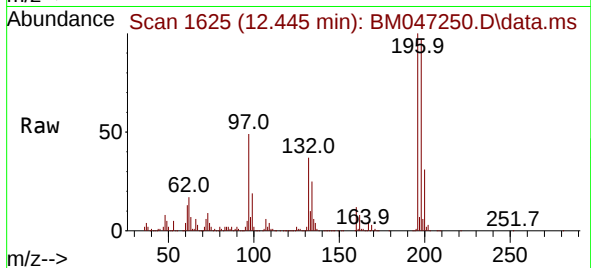
Tgt Ion:196 Resp: 581555

Ion Ratio Lower Upper

196 100

198 96.8 75.6 113.4

200 30.5 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 47.156 ng

RT: 12.527 min Scan# 1639

Delta R.T. 0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Tgt Ion:196 Resp: 610765

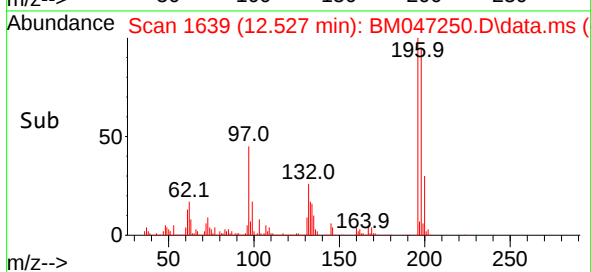
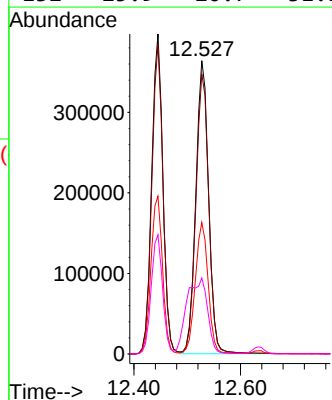
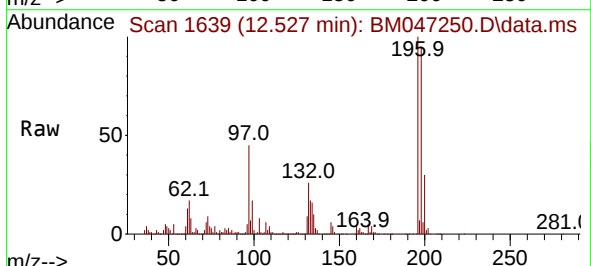
Ion Ratio Lower Upper

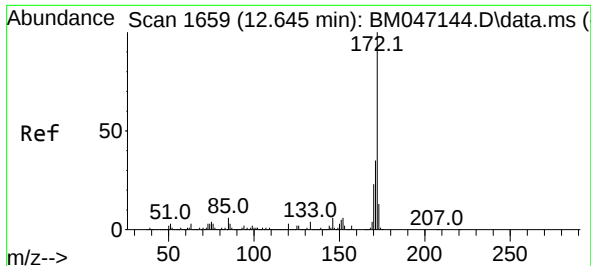
196 100

198 95.4 77.7 116.5

97 44.9 39.8 59.8

132 25.9 20.7 31.1

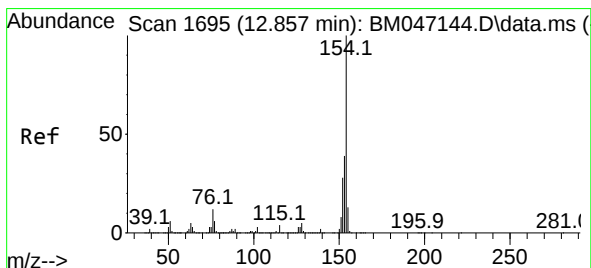
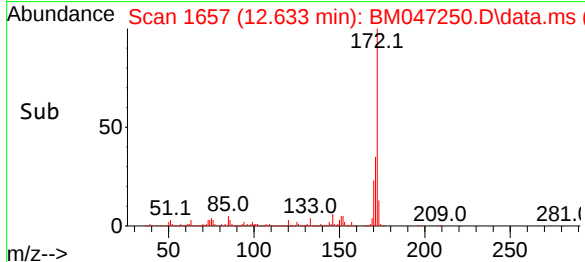
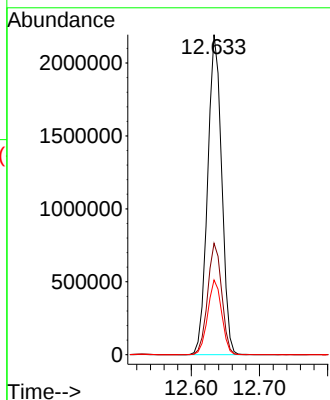
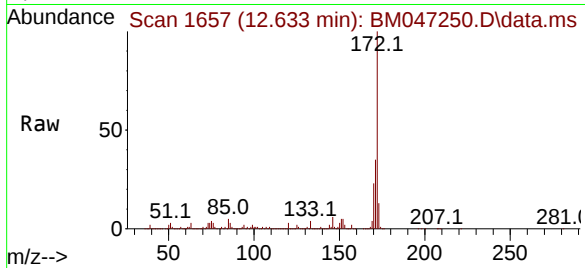




#45
2-Fluorobiphenyl
Concen: 80.705 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

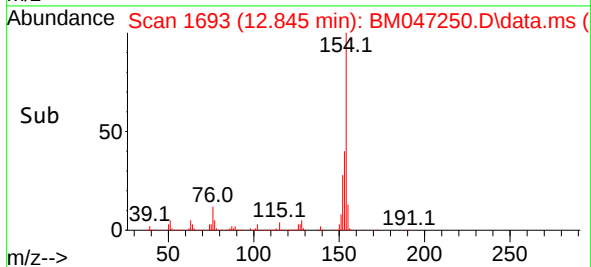
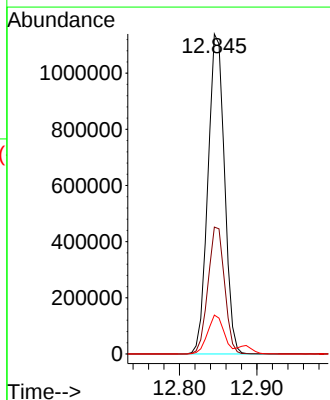
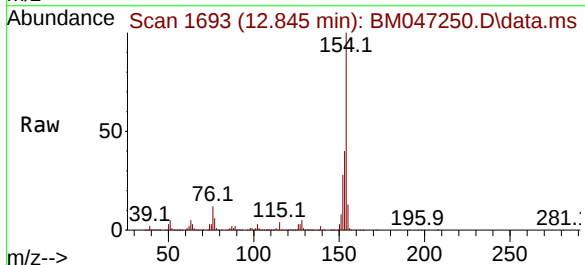
Instrument :
BNA_M
ClientSampleId :
PB162757BS

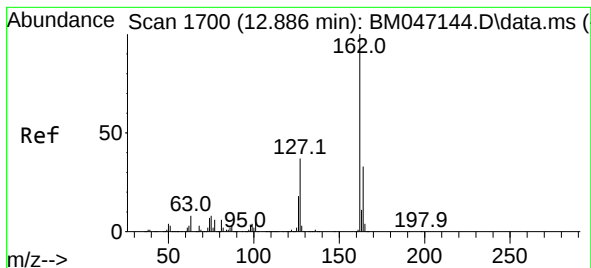
Tgt Ion:172 Resp: 3148181
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 39.506 ng
RT: 12.845 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:154 Resp: 1692324
Ion Ratio Lower Upper
154 100
153 39.6 19.0 59.0
76 12.1 0.0 31.9

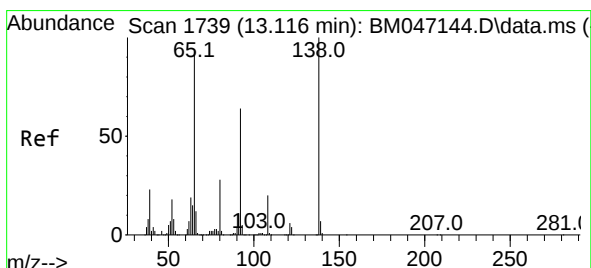
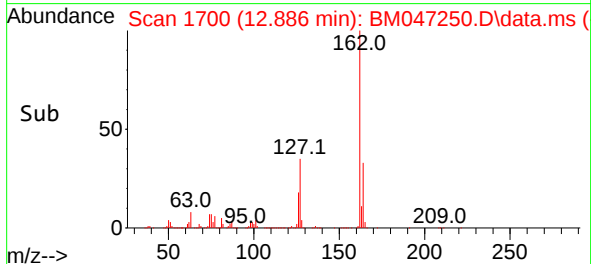
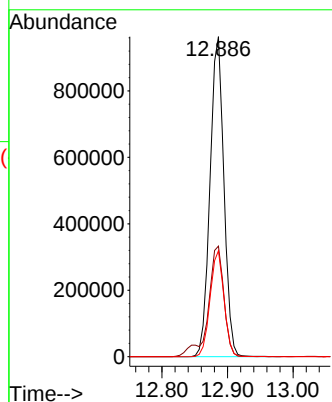
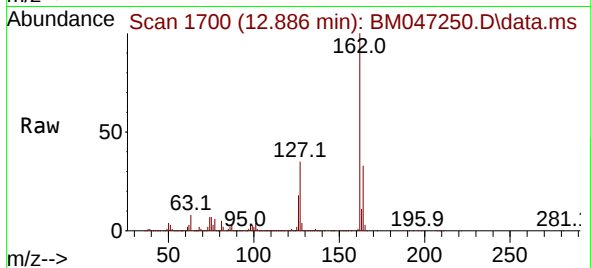




#47
2-Chloronaphthalene
Concen: 42.433 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

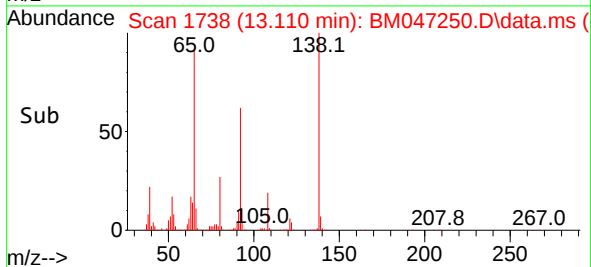
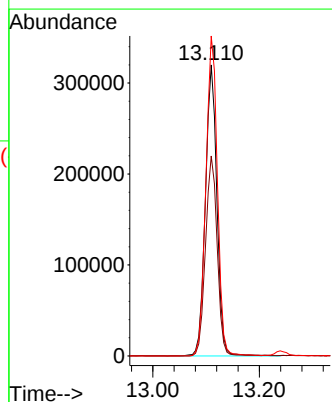
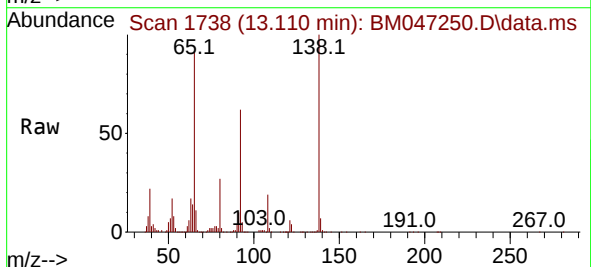
Instrument :
BNA_M
ClientSampleId :
PB162757BS

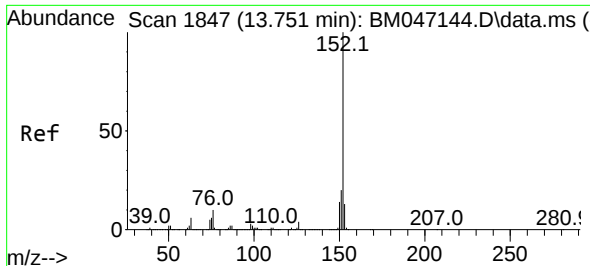
Tgt Ion:162 Resp: 1420731
Ion Ratio Lower Upper
162 100
127 34.5 30.0 45.0
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 45.887 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion: 65 Resp: 481315
Ion Ratio Lower Upper
65 100
92 68.7 55.1 82.7
138 109.9 85.9 128.9

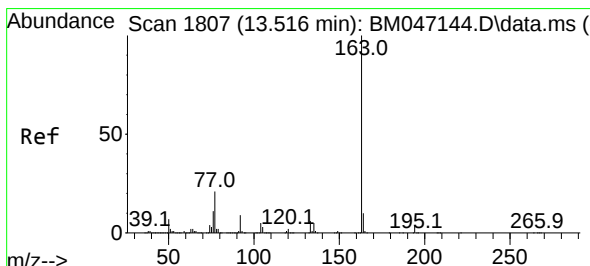
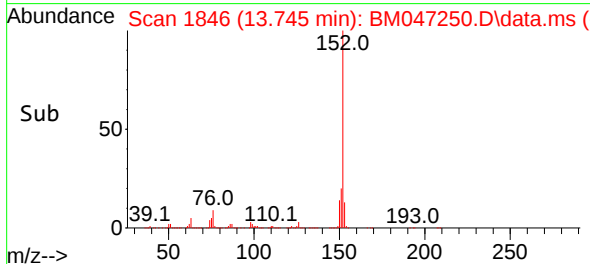
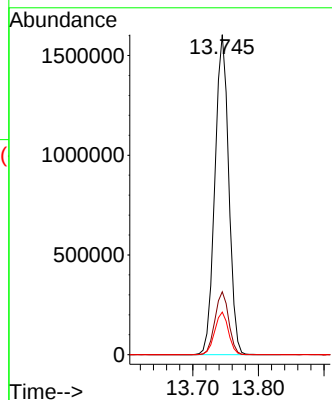
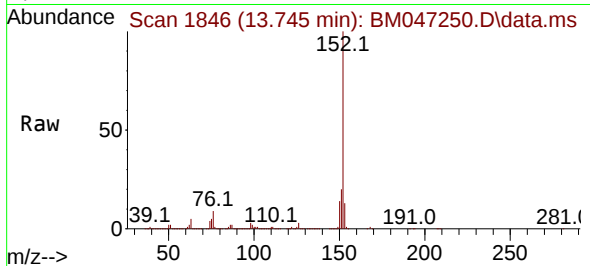




#49
Acenaphthylene
Concen: 47.627 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

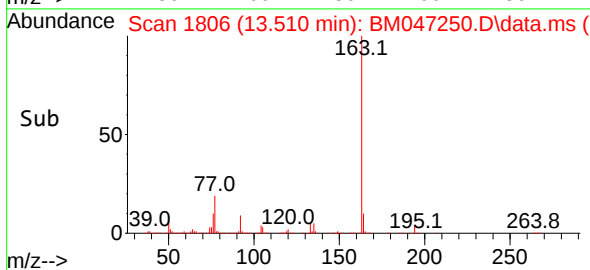
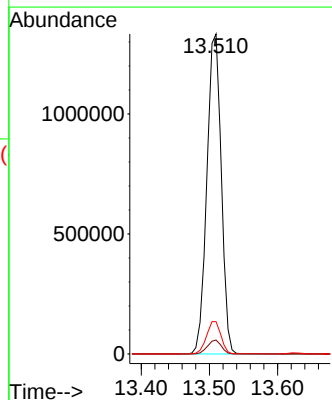
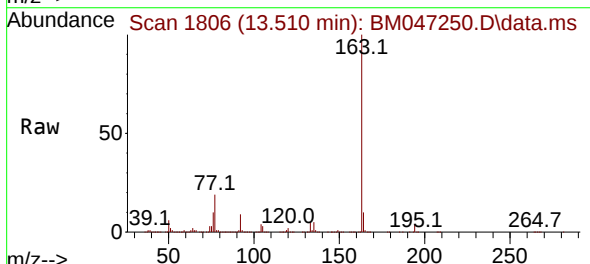
Instrument :
BNA_M
ClientSampleId :
PB162757BS

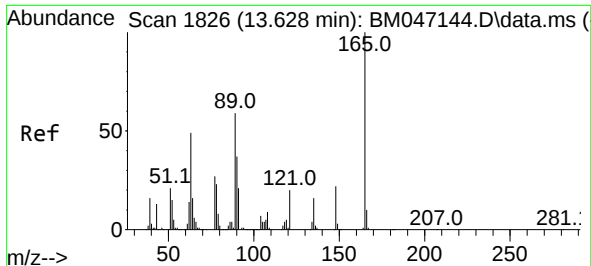
Tgt Ion:152 Resp: 2350545
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 46.533 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:163 Resp: 1955524
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 45.564 ng

RT: 13.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

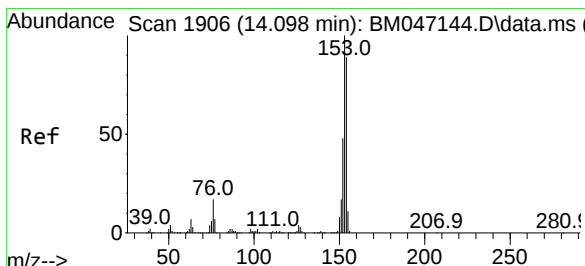
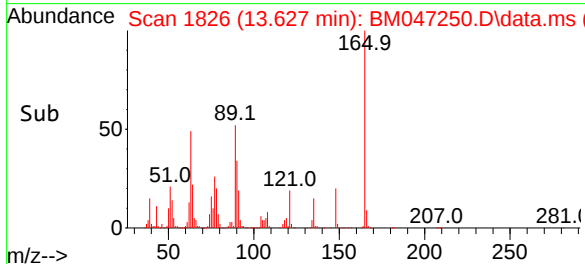
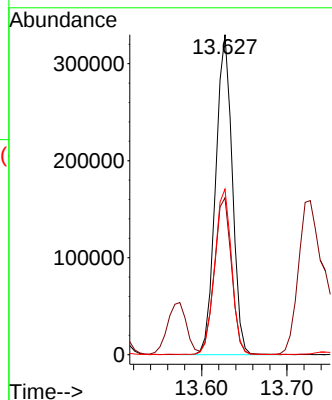
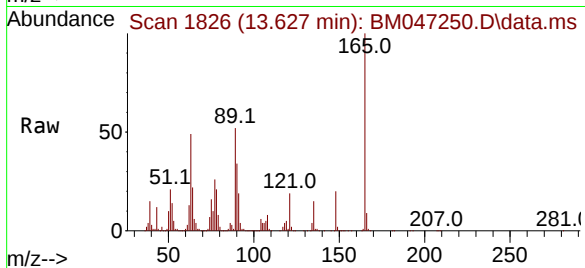
Tgt Ion:165 Resp: 447612

Ion Ratio Lower Upper

165 100

63 49.0 46.5 69.7

89 51.7 47.3 70.9



#52

Acenaphthene

Concen: 43.134 ng

RT: 14.092 min Scan# 1905

Delta R.T. -0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

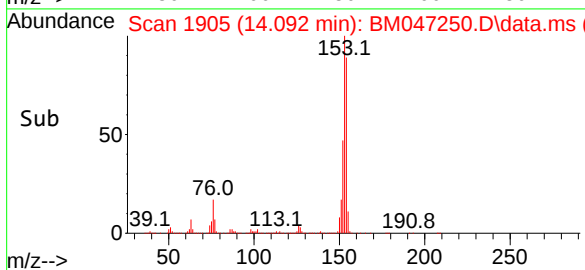
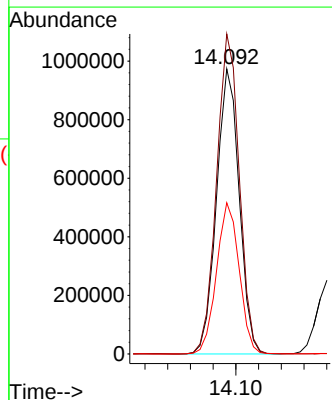
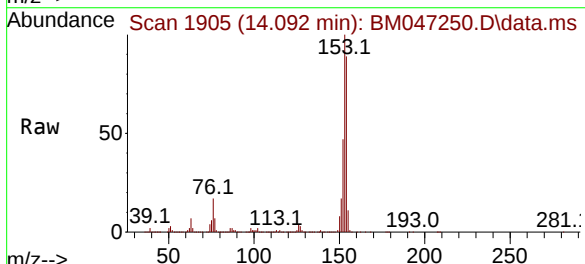
Tgt Ion:154 Resp: 1350366

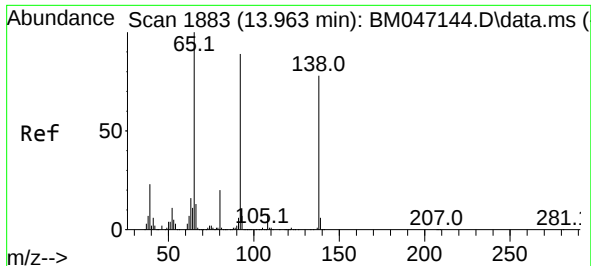
Ion Ratio Lower Upper

154 100

153 112.2 90.3 135.5

152 53.0 42.9 64.3

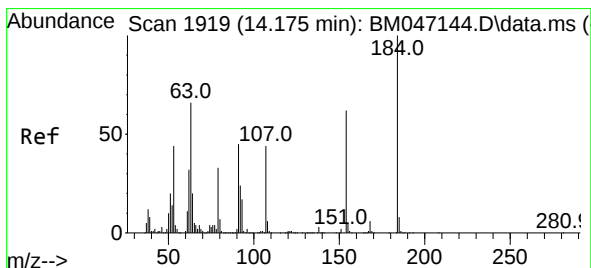
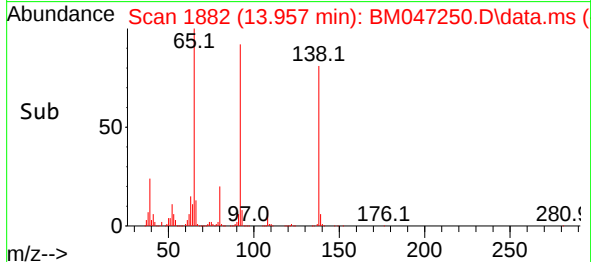
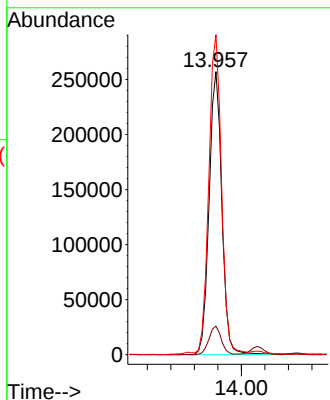
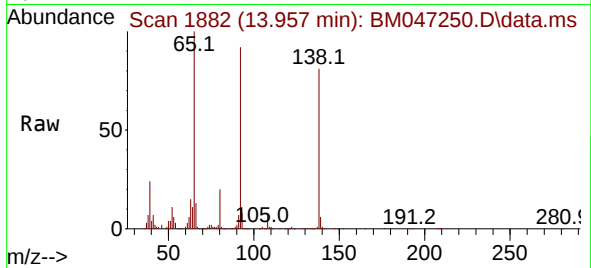




#53
3-Nitroaniline
Concen: 39.207 ng
RT: 13.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

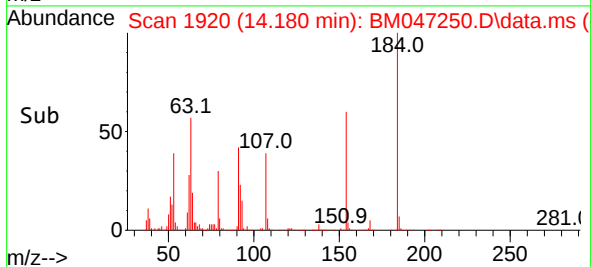
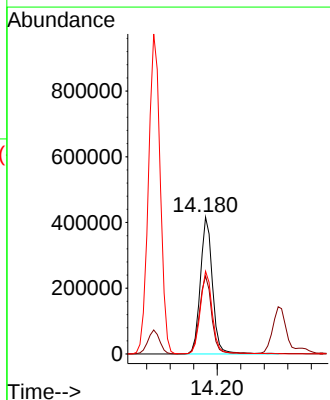
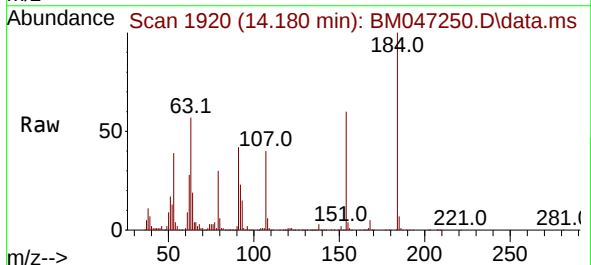
Instrument :
BNA_M
ClientSampleId :
PB162757BS

Tgt Ion:138 Resp: 385947
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 113.1 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 101.074 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.005 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:184 Resp: 595111
Ion Ratio Lower Upper
184 100
63 56.9 52.7 79.1
154 60.5 50.4 75.6

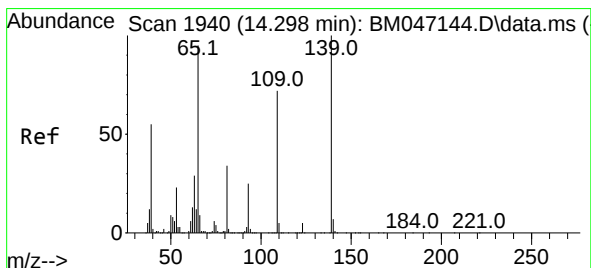
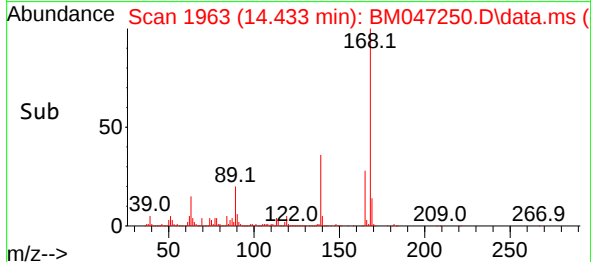
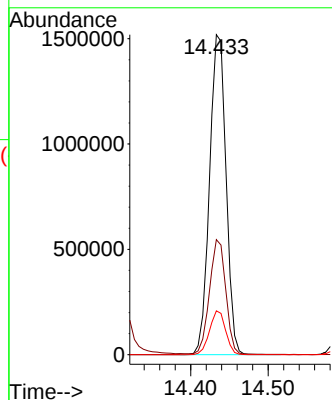
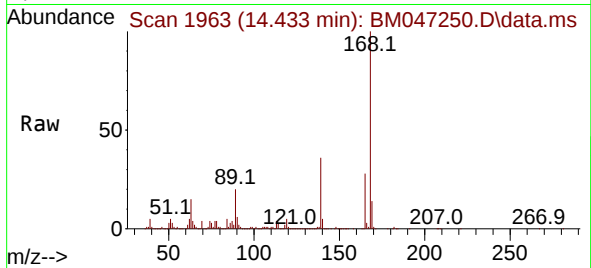




#55
Dibenzenofuran
Concen: 45.358 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

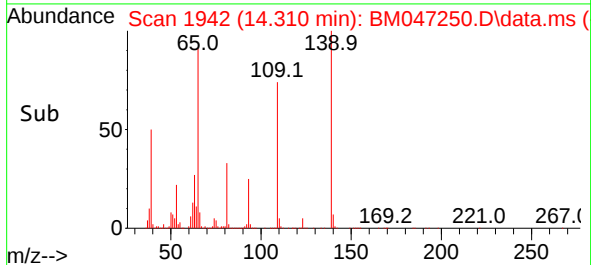
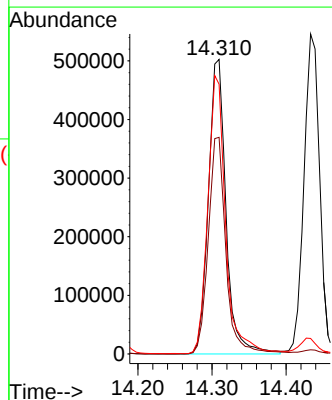
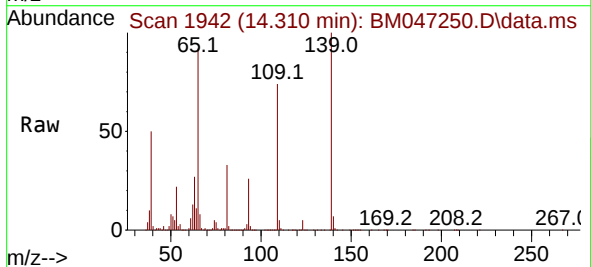
Instrument :
BNA_M
ClientSampleId :
PB162757BS

Tgt Ion:168 Resp: 2242954
Ion Ratio Lower Upper
168 100
139 35.9 29.6 44.4
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 97.818 ng
RT: 14.310 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

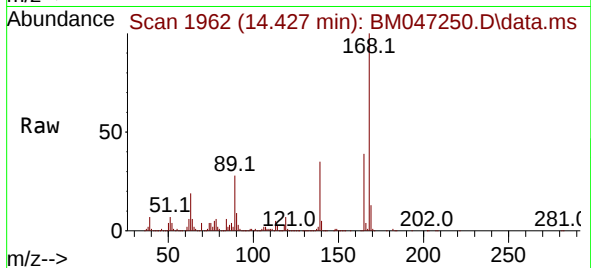
Tgt Ion:139 Resp: 830321
Ion Ratio Lower Upper
139 100
109 73.6 52.5 92.5
65 91.6 75.4 115.4



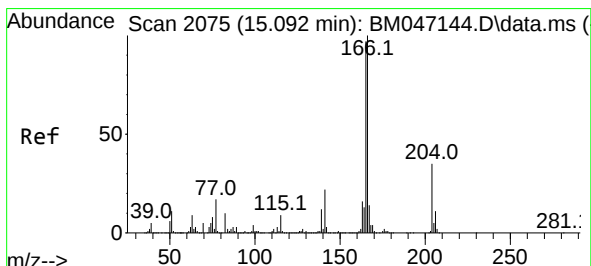
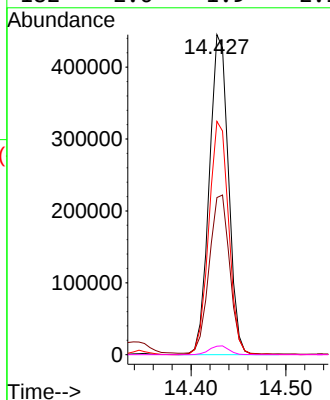
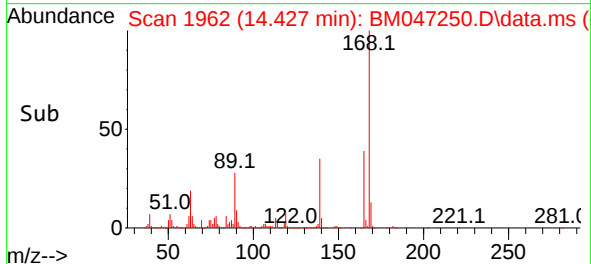


#57
2,4-Dinitrotoluene
Concen: 47.703 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

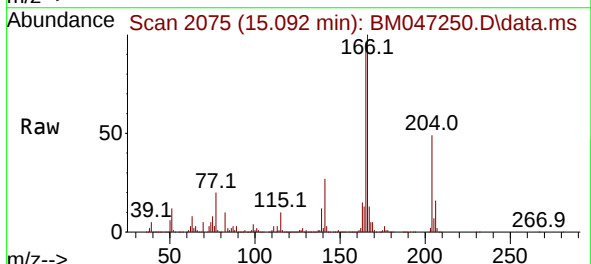
Instrument :
BNA_M
ClientSampleId :
PB162757BS



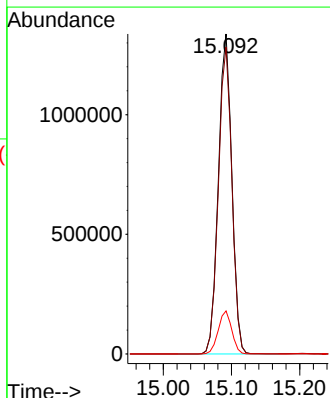
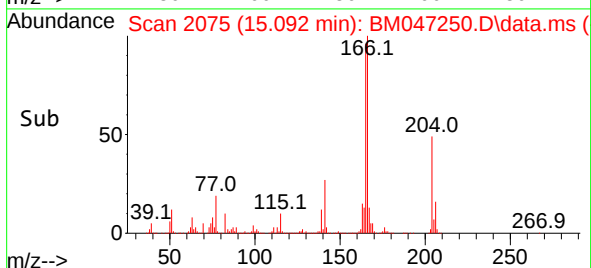
Tgt Ion:	165	Resp:	625506
Ion	Ratio	Lower	Upper
165	100		
63	49.1	40.3	60.5
89	72.9	61.0	91.6
182	2.6	1.9	2.9

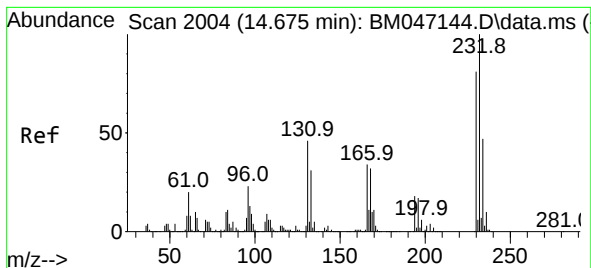


#58
Fluorene
Concen: 45.097 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01



Tgt Ion:	166	Resp:	1840031
Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.4	116.0
167	13.4	11.0	16.6

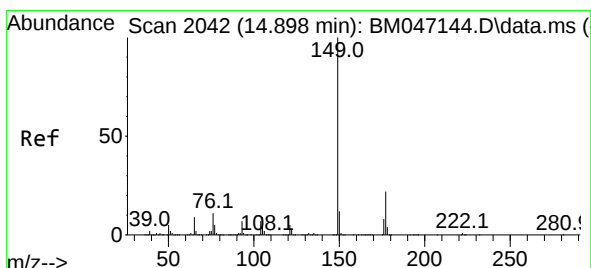
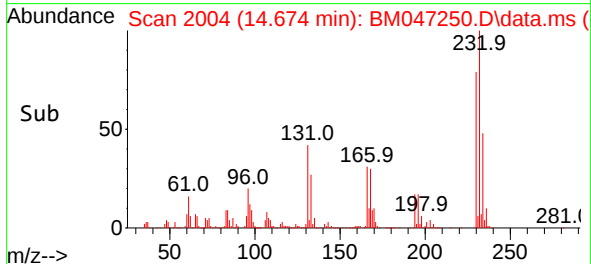
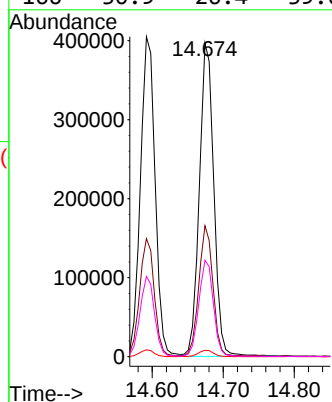
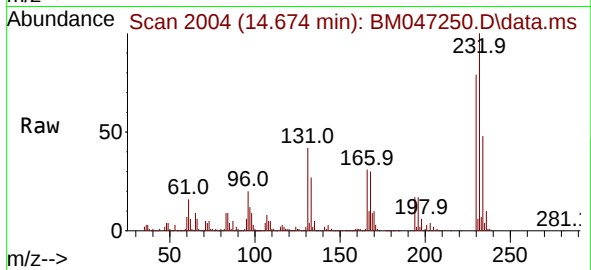




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.926 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

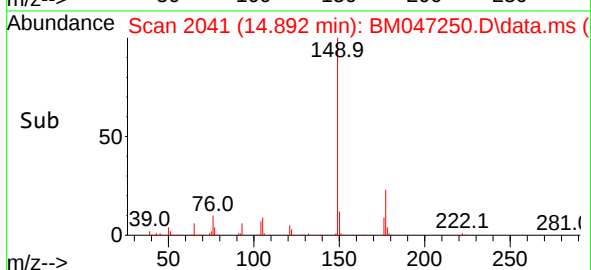
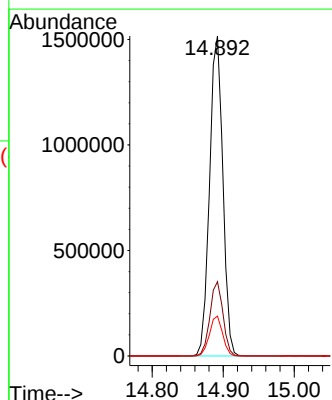
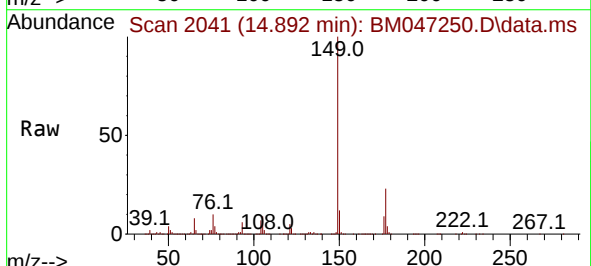
Instrument :
BNA_M
ClientSampleId :
PB162757BS

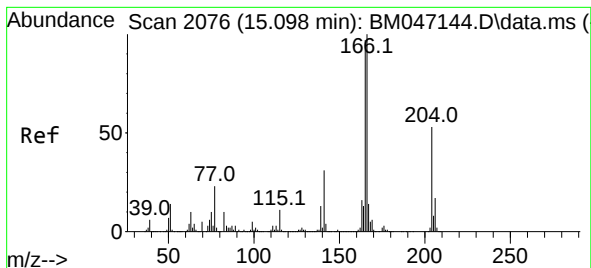
Tgt Ion:232 Resp: 563384
Ion Ratio Lower Upper
232 100
131 40.5 36.9 55.3
130 2.2 2.0 3.0
166 30.9 26.4 39.6



#60
Diethylphthalate
Concen: 45.885 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:149 Resp: 1969145
Ion Ratio Lower Upper
149 100
177 23.2 17.6 26.4
150 12.5 9.8 14.6

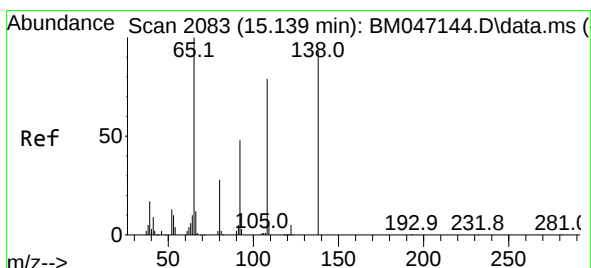
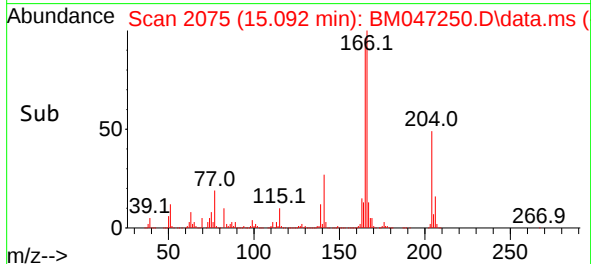
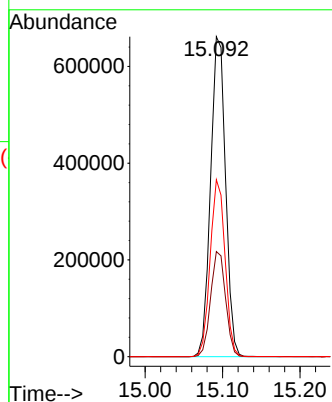
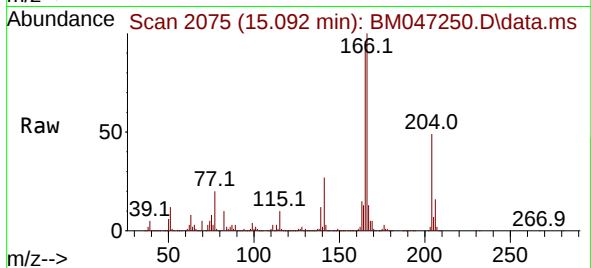




#61
4-Chlorophenyl-phenylether
Concen: 45.730 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

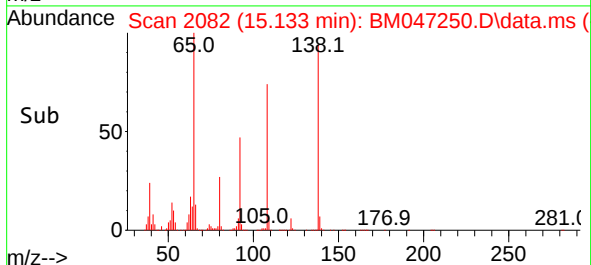
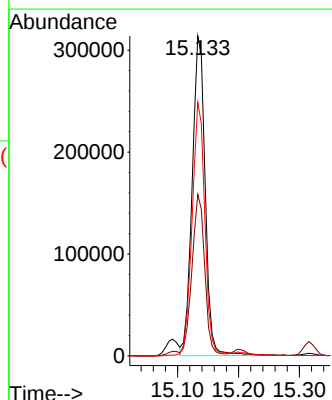
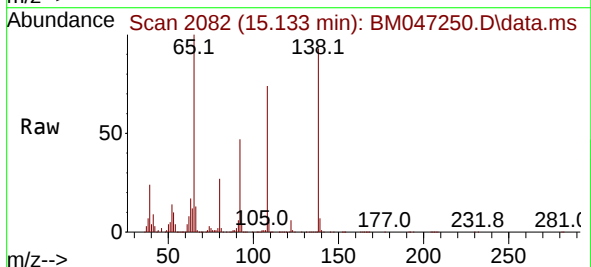
Instrument :
BNA_M
ClientSampleId :
PB162757BS

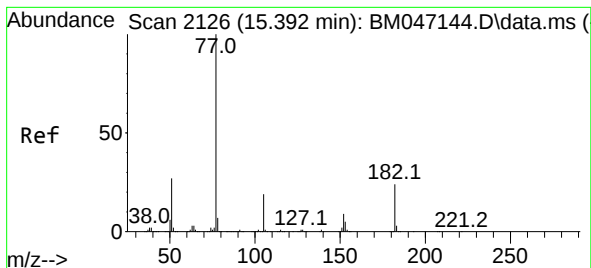
Tgt Ion:204 Resp: 888294
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 55.3 47.2 70.8



#62
4-Nitroaniline
Concen: 48.018 ng
RT: 15.133 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:138 Resp: 465668
Ion Ratio Lower Upper
138 100
92 50.5 31.9 71.9
108 79.2 63.8 103.8





#63

Azobenzene

Concen: 42.767 ng

RT: 15.392 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

Tgt Ion: 77 Resp: 1740175

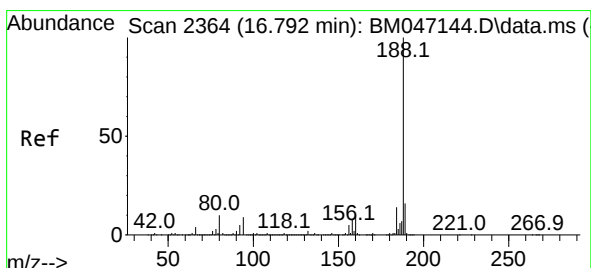
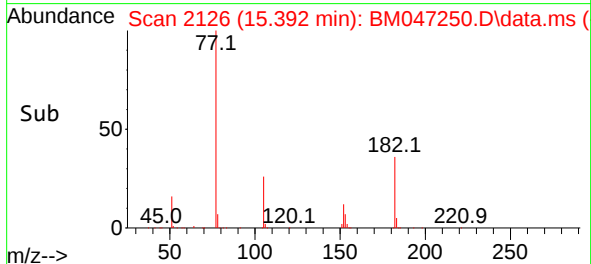
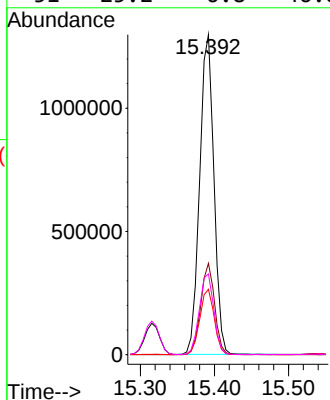
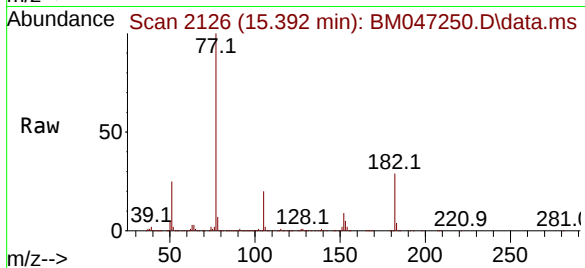
Ion Ratio Lower Upper

77 100

182 28.6 3.8 43.8

105 20.5 0.0 39.5

51 25.2 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 2364

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

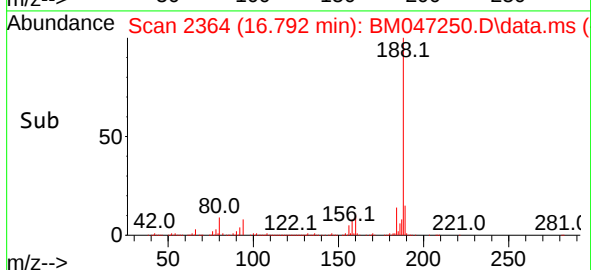
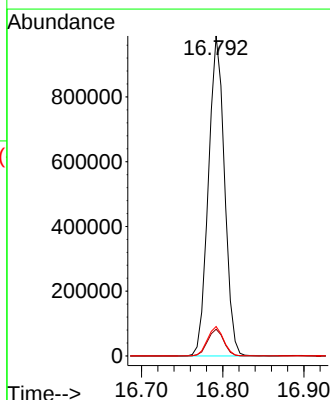
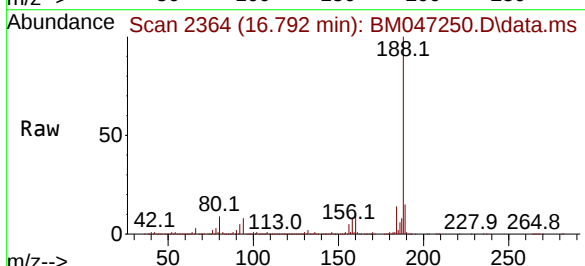
Tgt Ion:188 Resp: 1358929

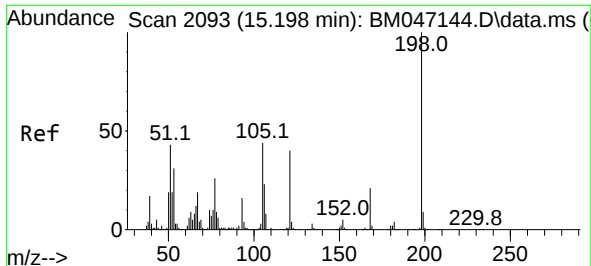
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.2 8.0 12.0

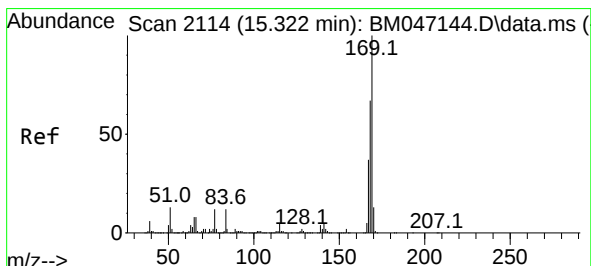
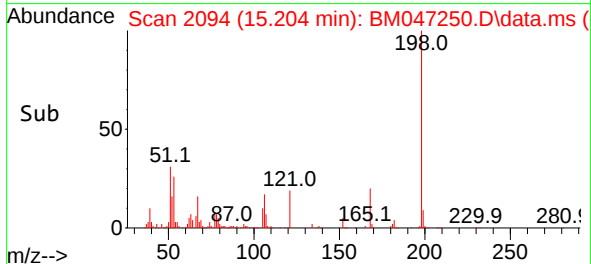
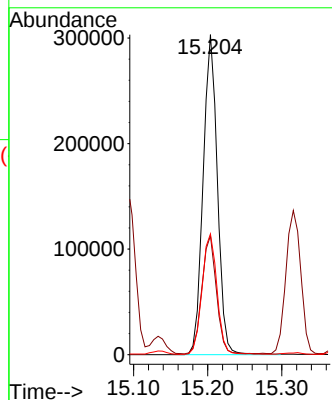
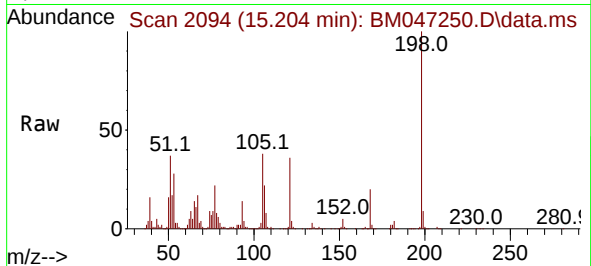




#65
4,6-Dinitro-2-methylphenol
Concen: 51.054 ng
RT: 15.204 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

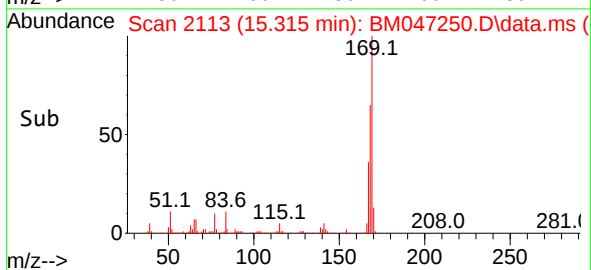
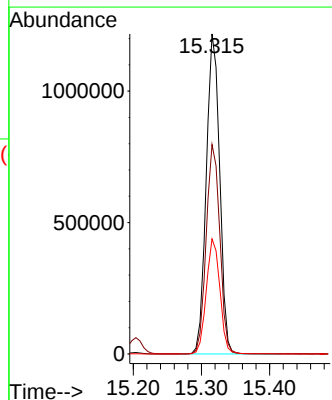
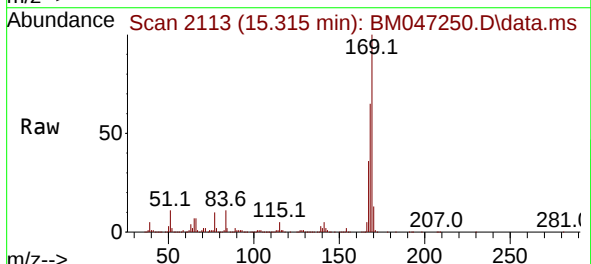
Instrument :
BNA_M
ClientSampleId :
PB162757BS

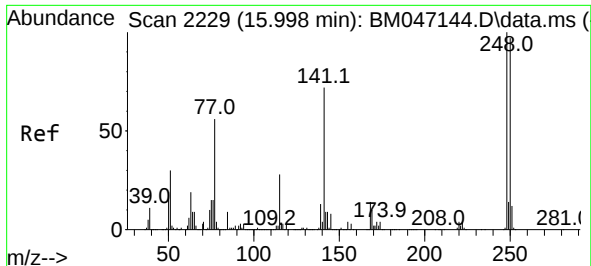
Tgt Ion:198 Resp: 406204
Ion Ratio Lower Upper
198 100
51 37.2 23.9 63.9
105 37.8 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 45.031 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:169 Resp: 1666769
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.8
167 35.9 29.3 43.9

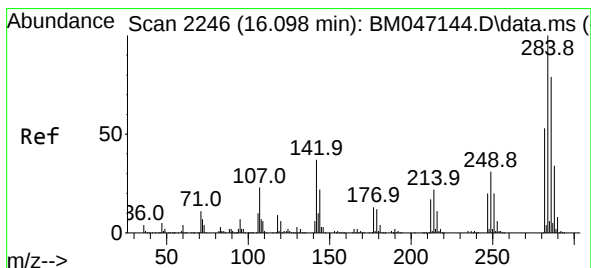
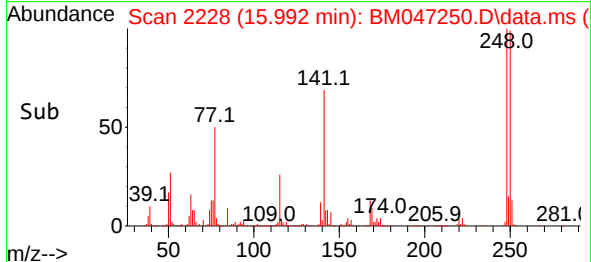
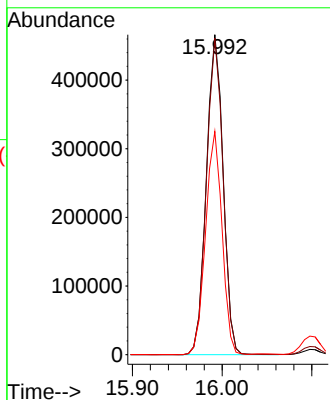
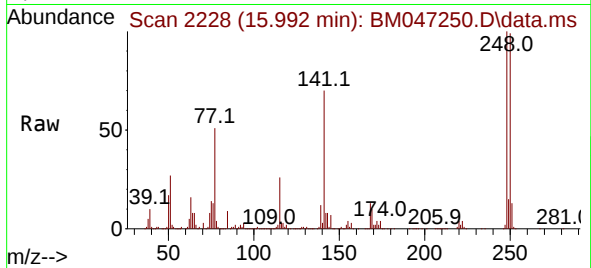




#67
4-Bromophenyl-phenylether
Concen: 46.214 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

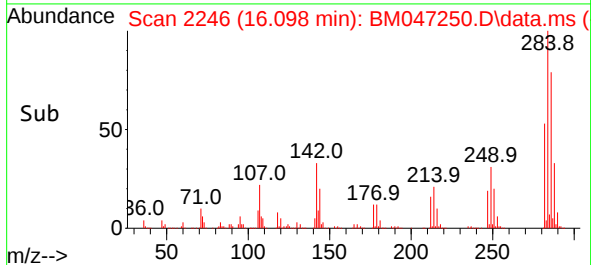
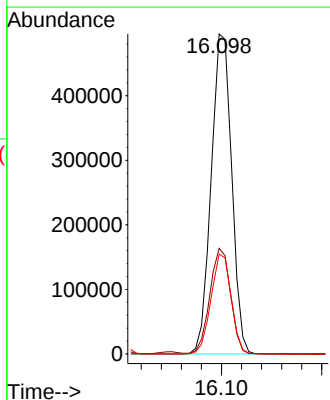
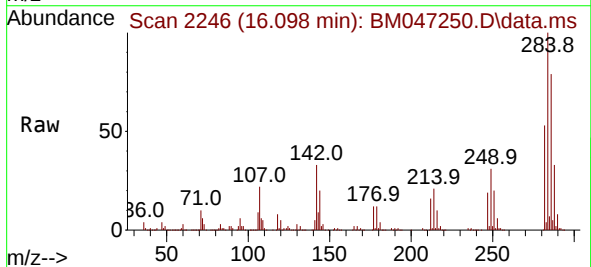
Instrument :
BNA_M
ClientSampleId :
PB162757BS

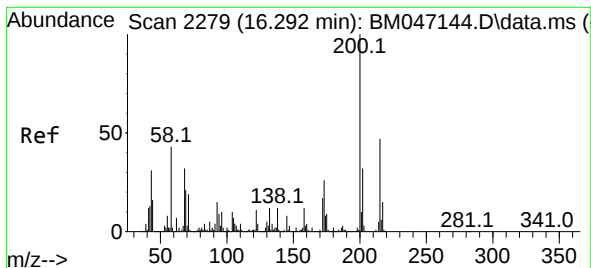
Tgt Ion:248 Resp: 605167
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.8
141 69.7 57.7 86.5



#68
Hexachlorobenzene
Concen: 44.746 ng
RT: 16.098 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:284 Resp: 701756
Ion Ratio Lower Upper
284 100
142 33.0 29.4 44.0
249 31.2 25.1 37.7





#69

Atrazine

Concen: 50.278 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

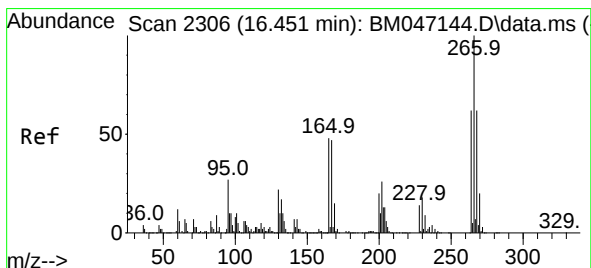
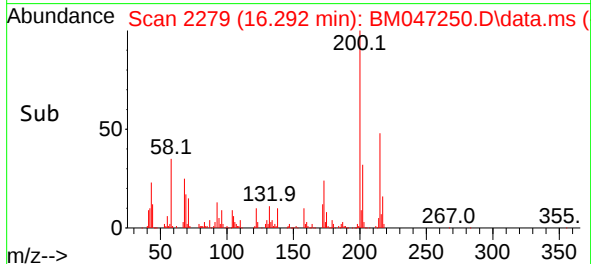
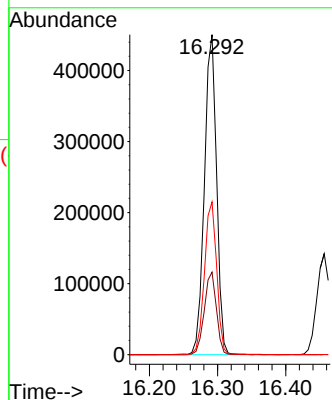
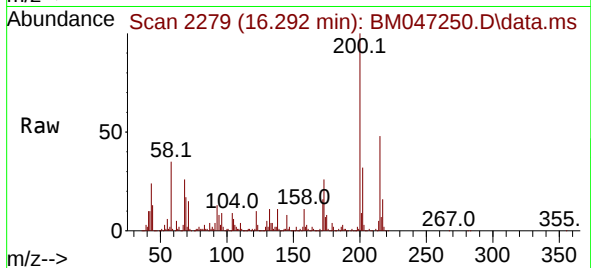
Tgt Ion:200 Resp: 559997

Ion Ratio Lower Upper

200 100

173 25.8 6.1 46.1

215 47.7 26.8 66.8



#70

Pentachlorophenol

Concen: 91.172 ng

RT: 16.457 min Scan# 2307

Delta R.T. 0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

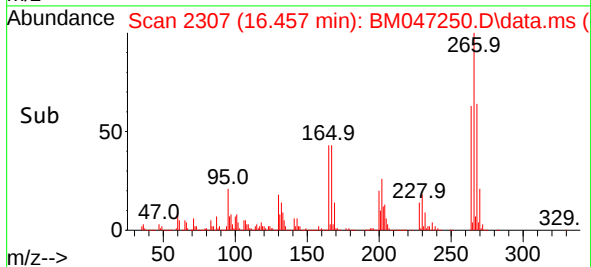
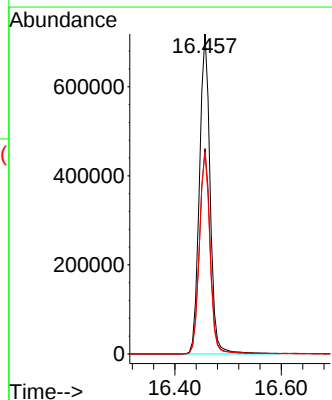
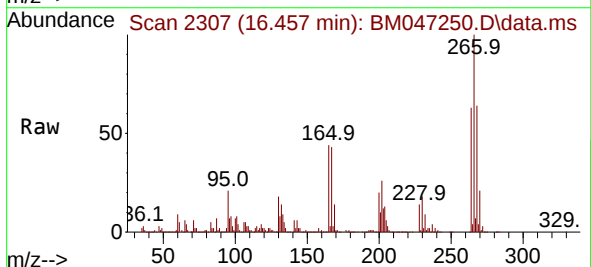
Tgt Ion:266 Resp: 1002308

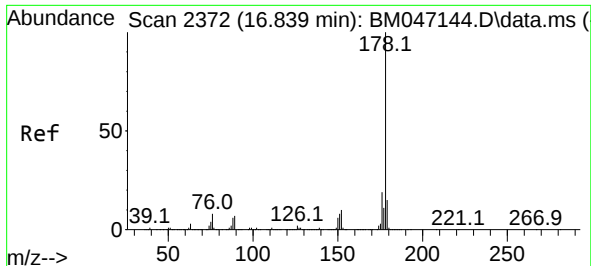
Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.6

264 63.1 49.6 74.4

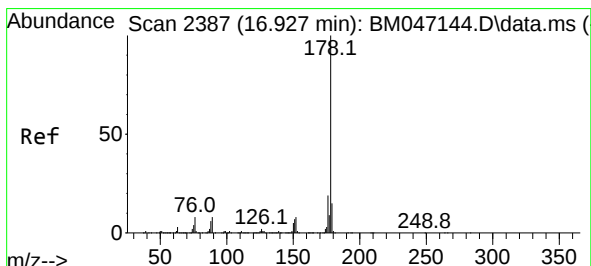
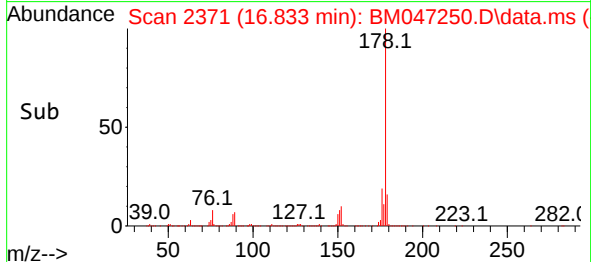
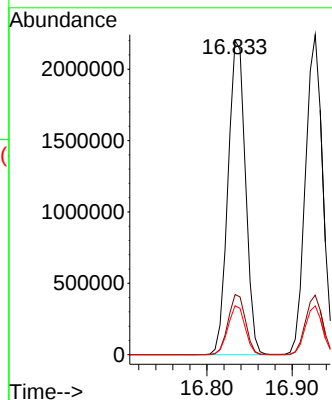
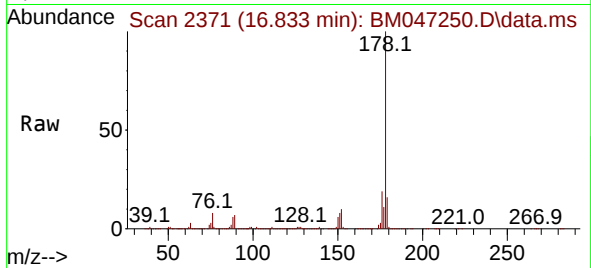




#71
Phenanthrene
Concen: 45.838 ng
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

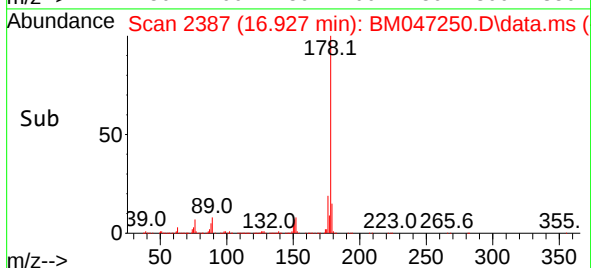
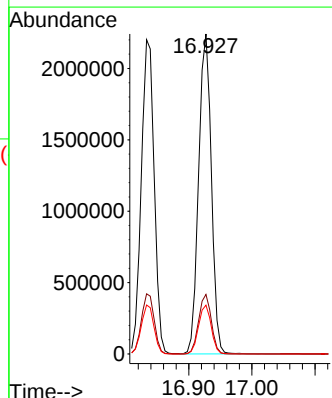
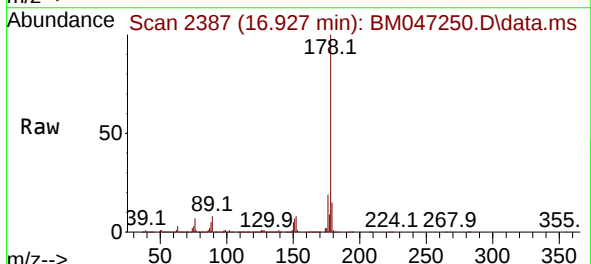
Instrument :
BNA_M
ClientSampleId :
PB162757BS

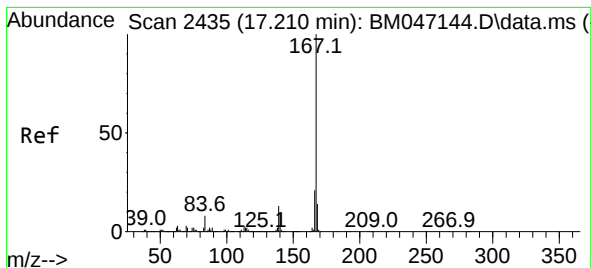
Tgt Ion:178 Resp: 3126126
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 47.177 ng
RT: 16.927 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:178 Resp: 3130614
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.4 18.6





#73

Carbazole

Concen: 45.861 ng

RT: 17.209 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

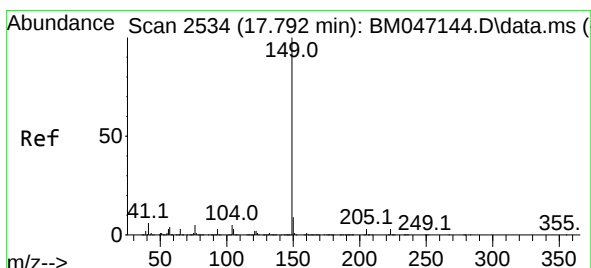
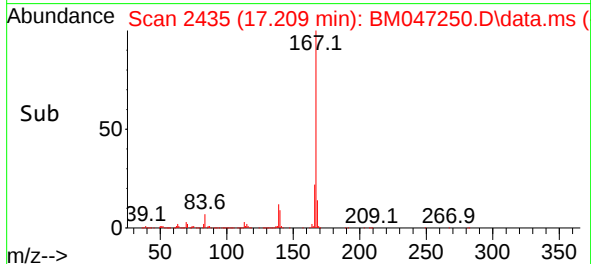
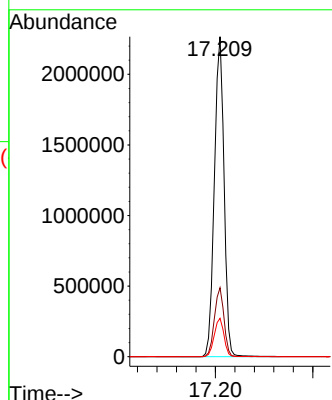
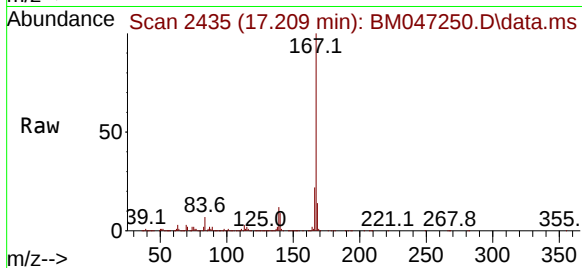
BNA_M

ClientSampleId :

PB162757BS

Tgt Ion:167 Resp: 3107281

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.0	10.0	15.0



#74

Di-n-butylphthalate

Concen: 46.330 ng

RT: 17.792 min Scan# 2534

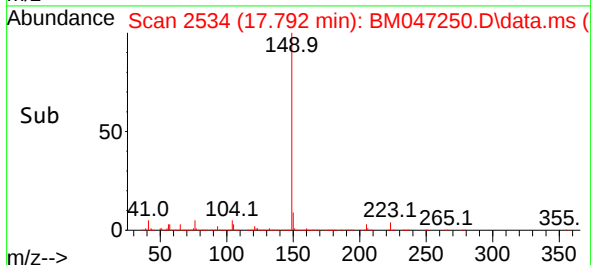
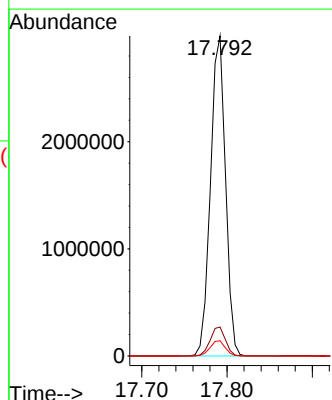
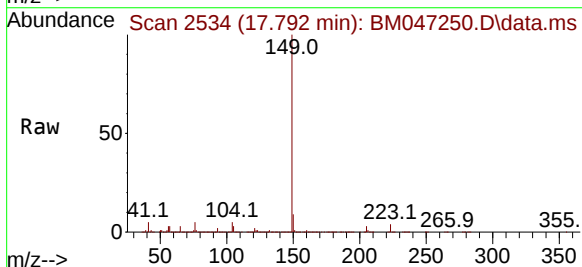
Delta R.T. -0.000 min

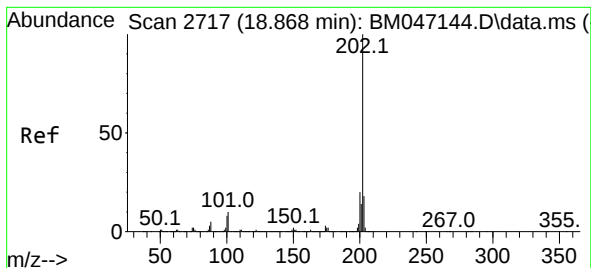
Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Tgt Ion:149 Resp: 3652536

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.7	4.1	6.1

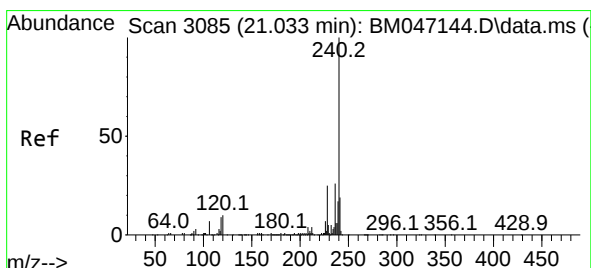
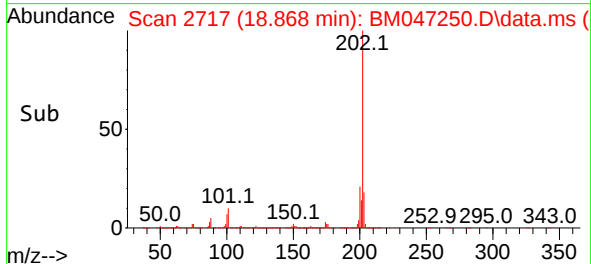
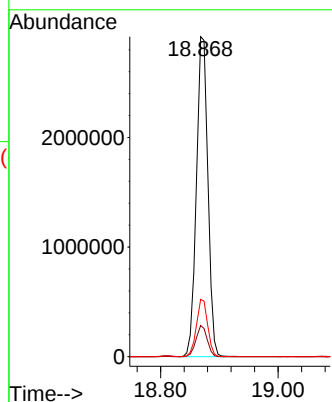
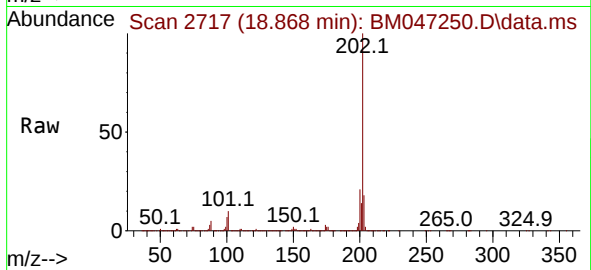




#75
Fluoranthene
Concen: 47.707 ng
RT: 18.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

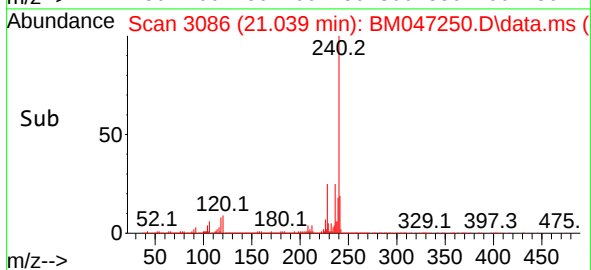
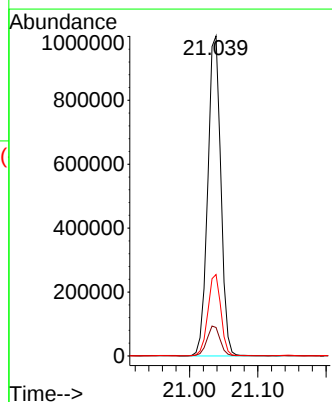
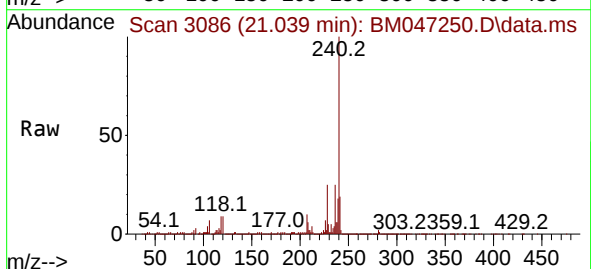
Instrument :
BNA_M
ClientSampleId :
PB162757BS

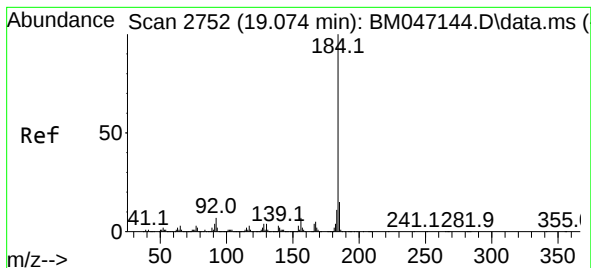
Tgt Ion:202 Resp: 3957445
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.039 min Scan# 3086
Delta R.T. 0.006 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:240 Resp: 1331978
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 25.5 20.6 30.8





#77

Benzidine

Concen: 43.113 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

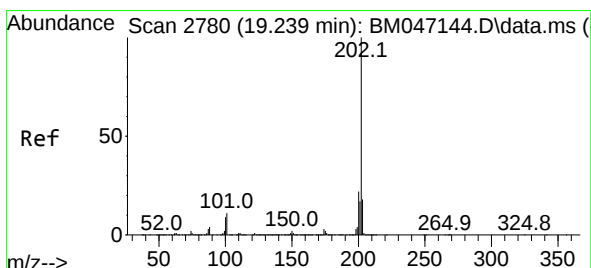
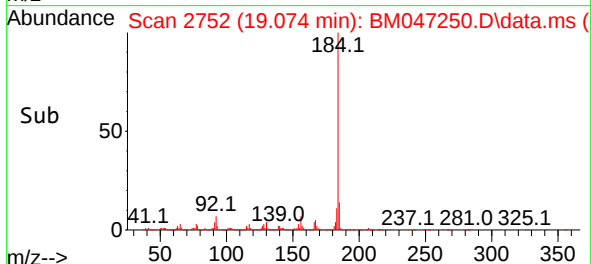
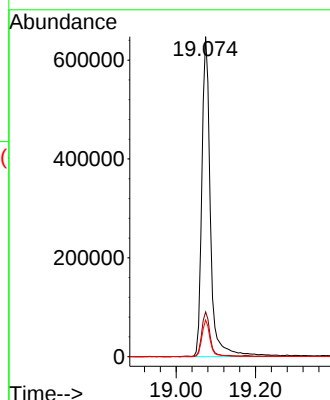
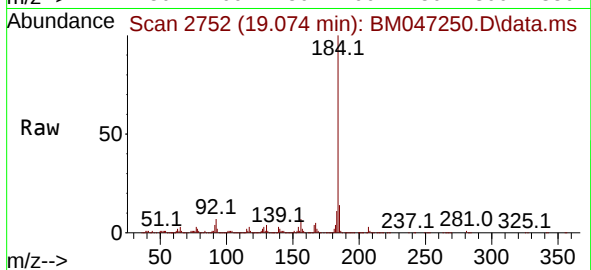
Tgt Ion:184 Resp: 973849

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

183 11.5 9.0 13.6



#78

Pyrene

Concen: 43.992 ng

RT: 19.239 min Scan# 2780

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

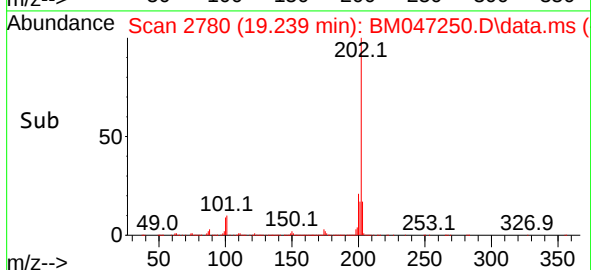
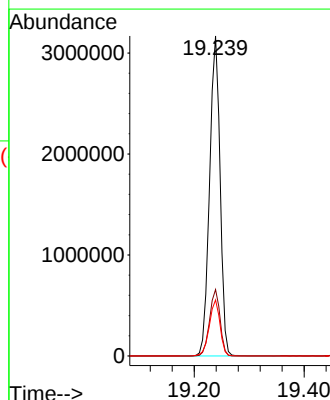
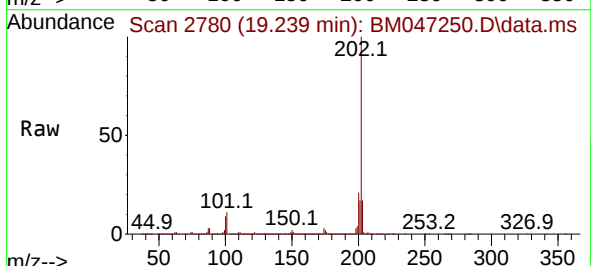
Tgt Ion:202 Resp: 4183940

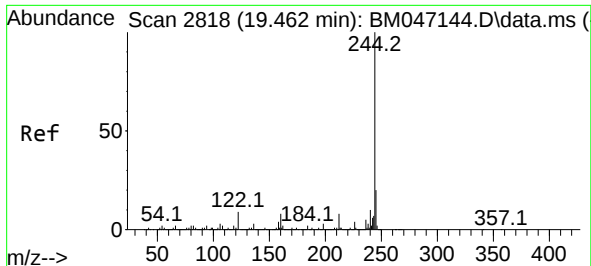
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 17.5 14.2 21.2

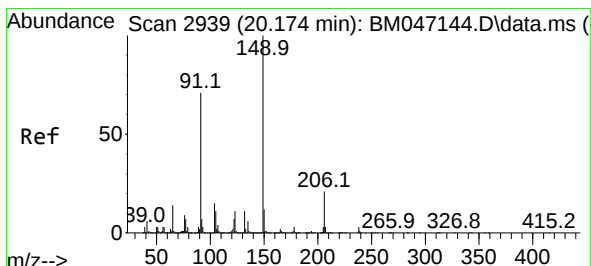
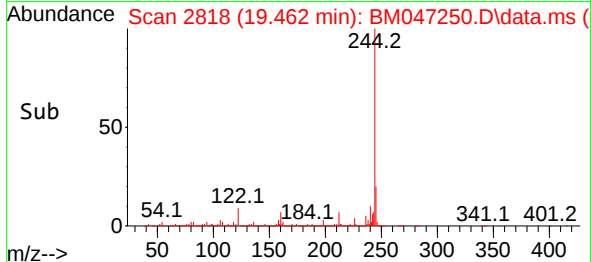
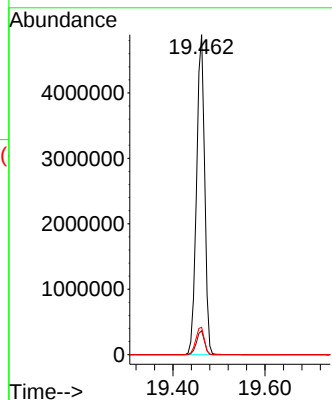
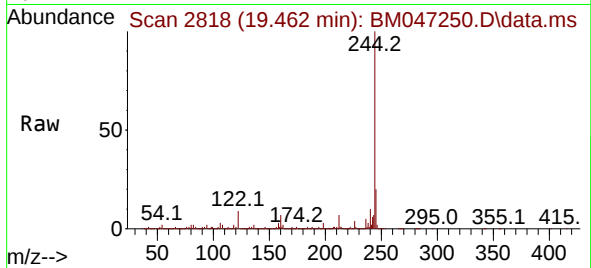




#79
 Terphenyl-d14
 Concen: 95.394 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047250.D
 Acq: 19 Aug 2024 13:01

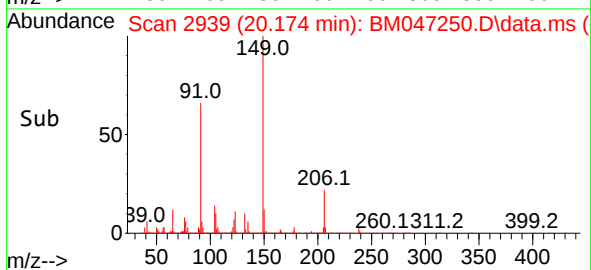
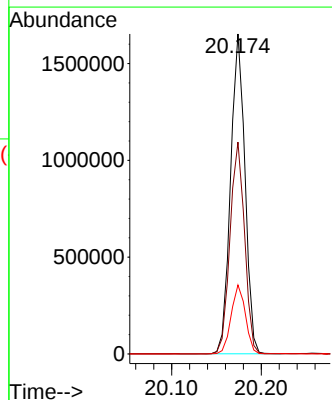
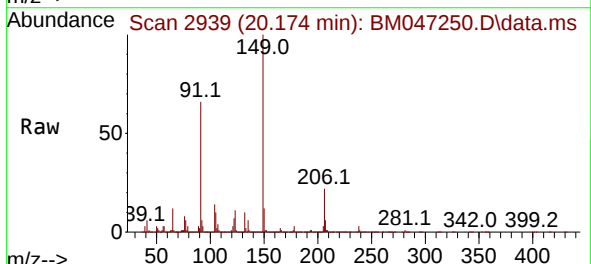
Instrument :
 BNA_M
 ClientSampleId :
 PB162757BS

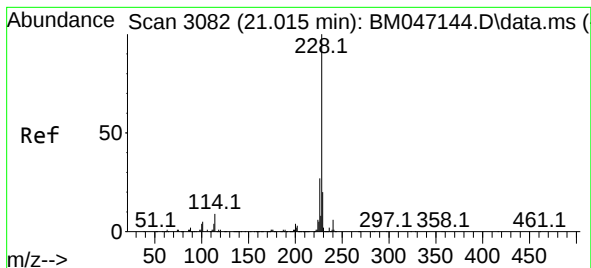
Tgt Ion:244 Resp: 5929827
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 47.284 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047250.D
 Acq: 19 Aug 2024 13:01

Tgt Ion:149 Resp: 1835254
 Ion Ratio Lower Upper
 149 100
 91 66.2 57.0 85.4
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.346 ng

RT: 21.021 min Scan# 3082

Delta R.T. 0.006 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

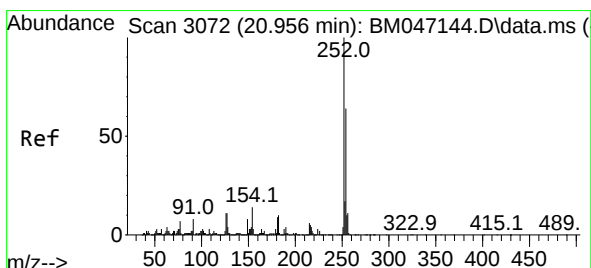
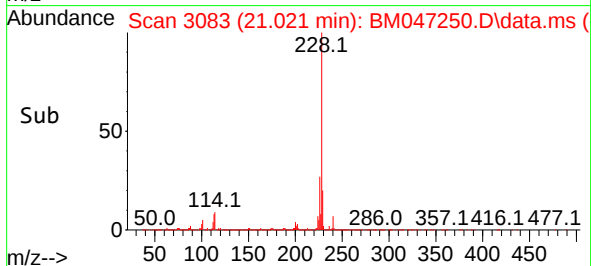
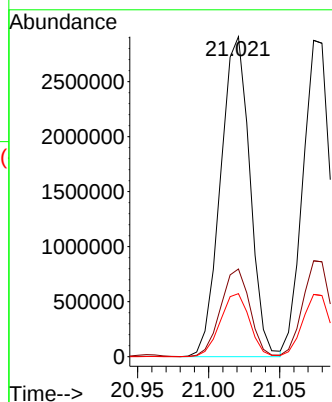
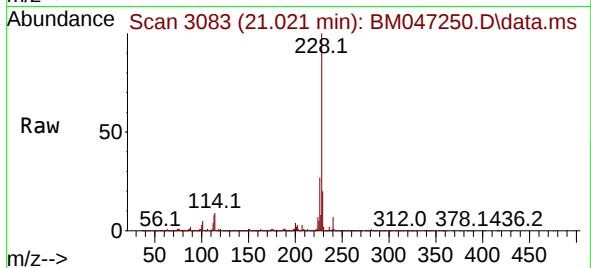
Tgt Ion:228 Resp: 4186583

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.602 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

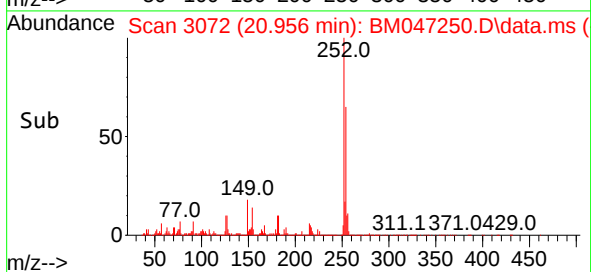
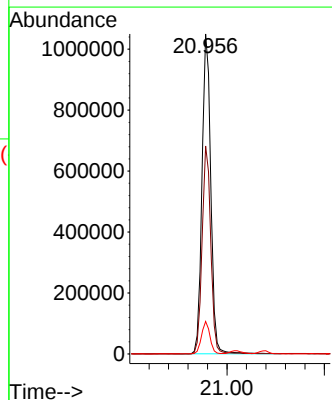
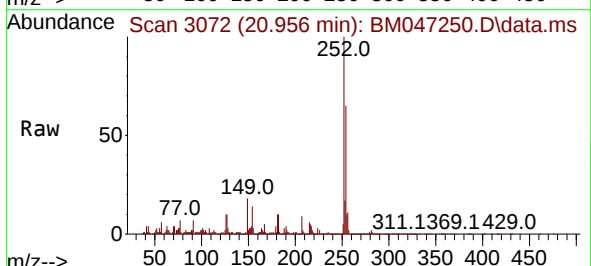
Tgt Ion:252 Resp: 1316983

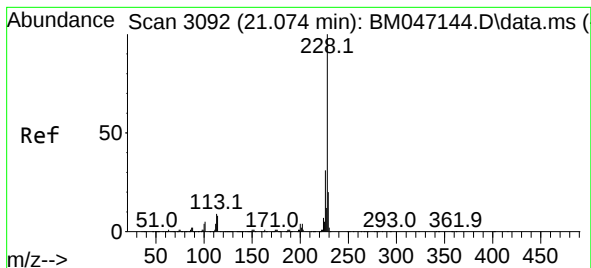
Ion Ratio Lower Upper

252 100

254 65.0 51.0 76.6

126 10.1 8.5 12.7





#83

Chrysene

Concen: 46.188 ng

RT: 21.074 min Scan# 3092

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

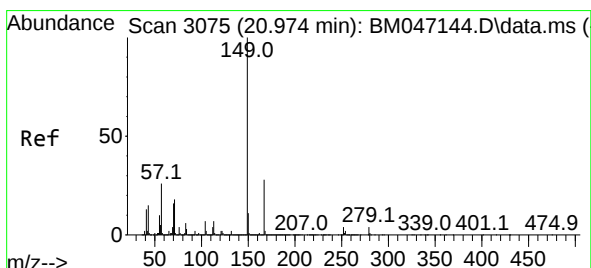
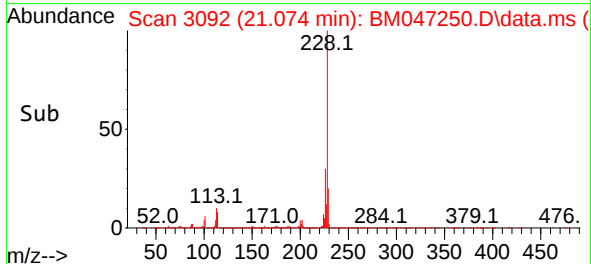
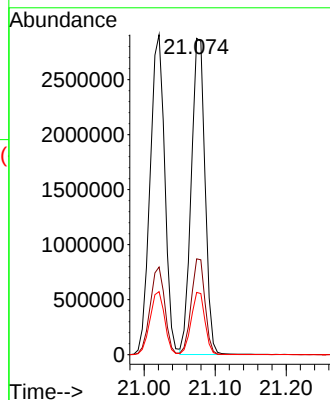
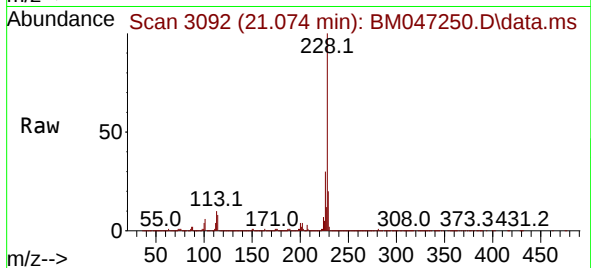
Tgt Ion:228 Resp: 3874920

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.307 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

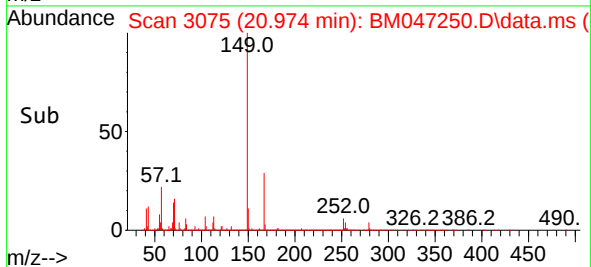
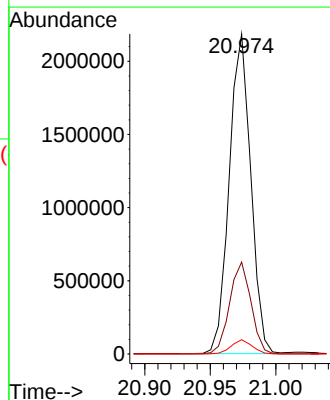
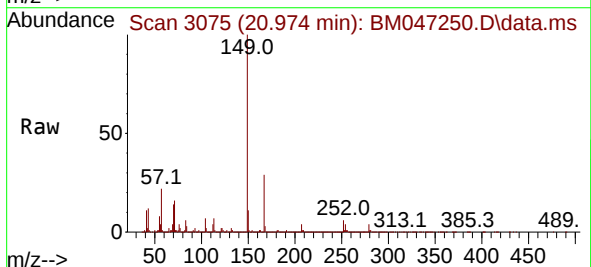
Tgt Ion:149 Resp: 2493859

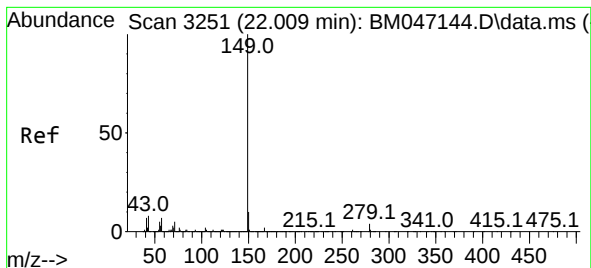
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.2

279 4.5 3.0 4.4#

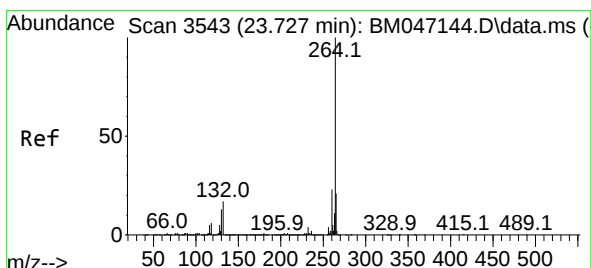
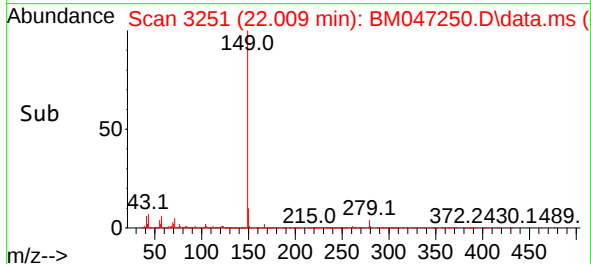
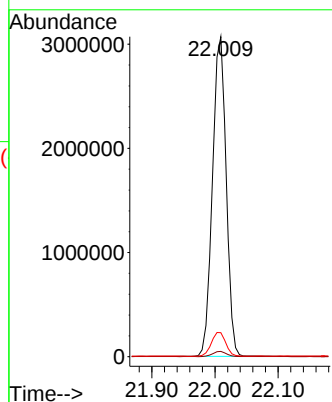
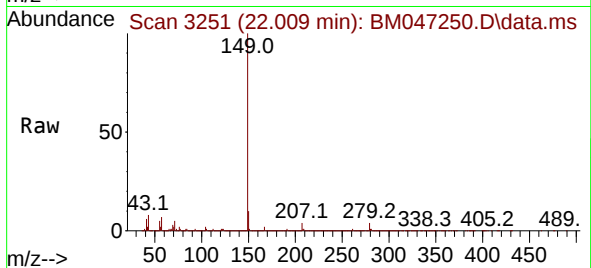




#85
Di-n-octyl phthalate
Concen: 49.397 ng
RT: 22.009 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

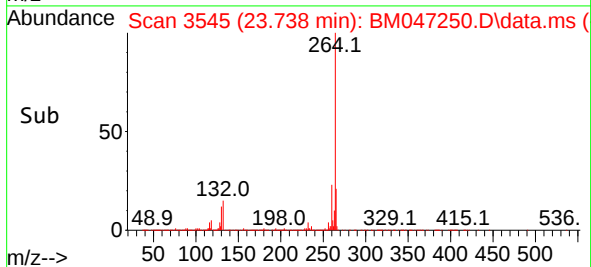
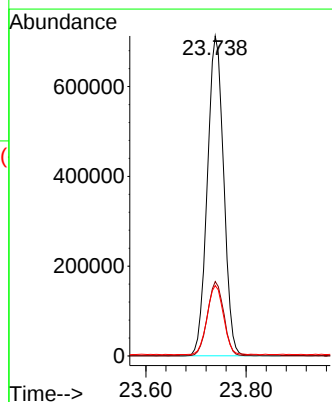
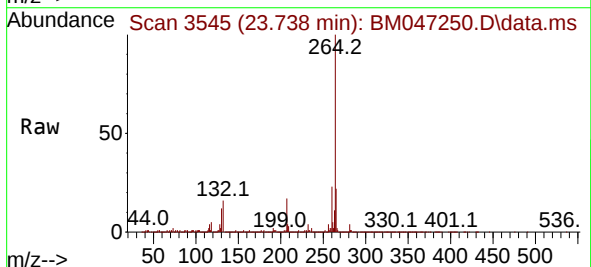
Instrument :
BNA_M
ClientSampleId :
PB162757BS

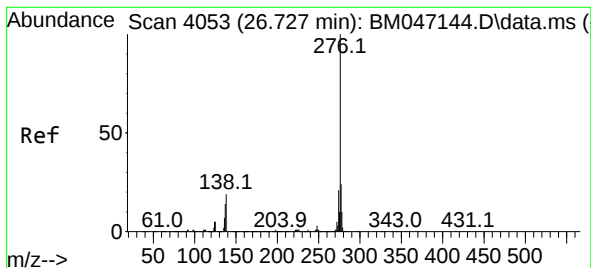
Tgt Ion:149 Resp: 4621455
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.738 min Scan# 3545
Delta R.T. 0.011 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:264 Resp: 1613228
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.537 ng

RT: 26.762 min Scan# 4053

Delta R.T. 0.035 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

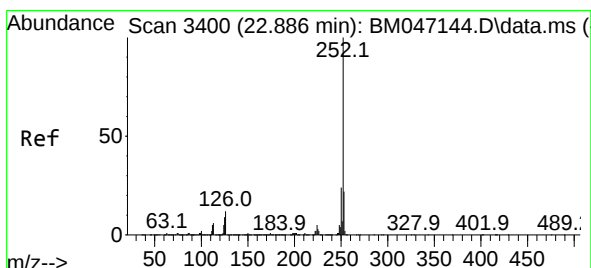
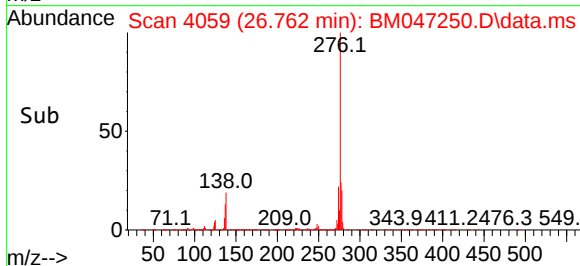
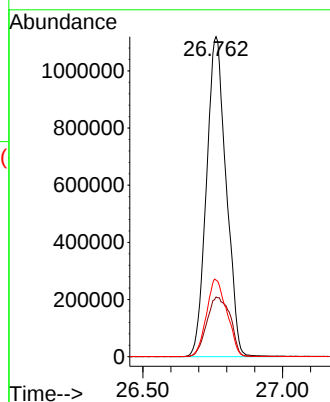
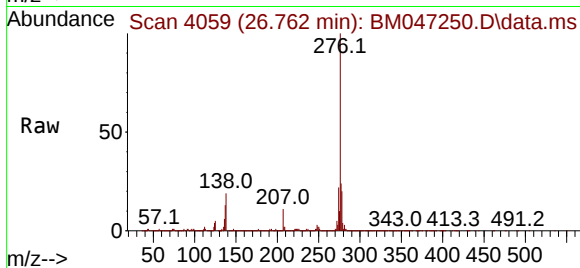
Tgt Ion:276 Resp: 5478272

Ion Ratio Lower Upper

276 100

138 22.3 19.4 29.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.755 ng

RT: 22.897 min Scan# 3402

Delta R.T. 0.011 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

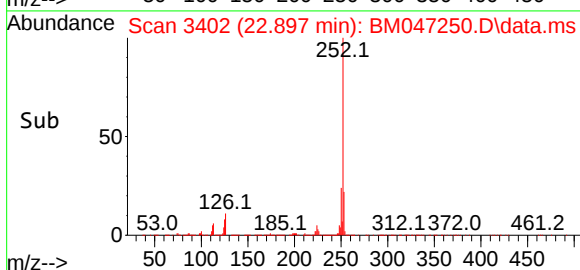
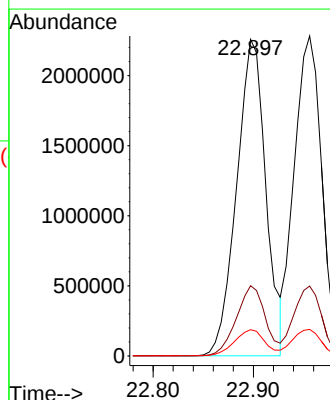
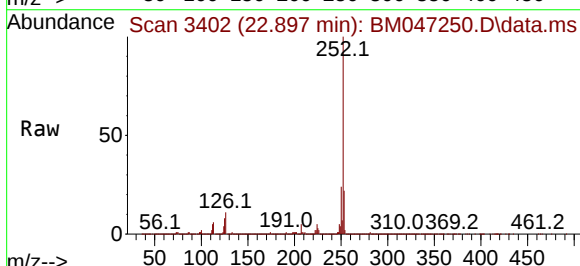
Tgt Ion:252 Resp: 4575044

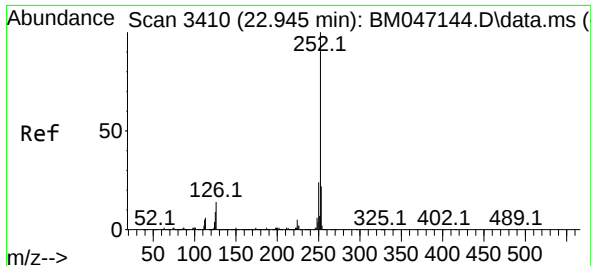
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.3 7.4 11.0

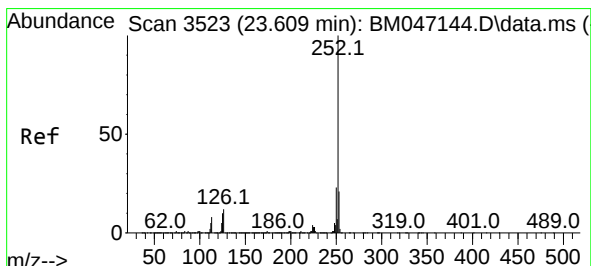
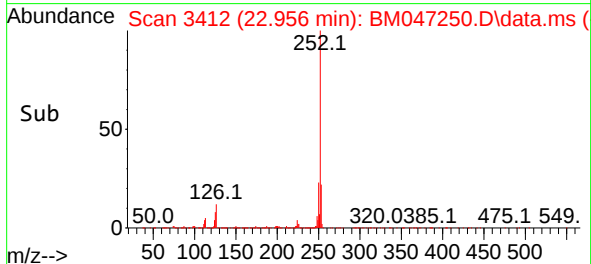
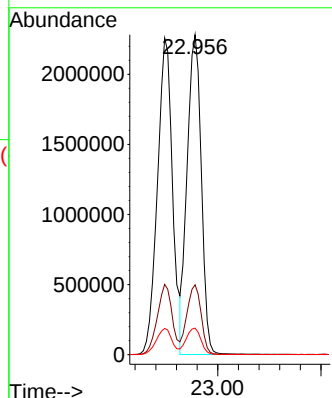
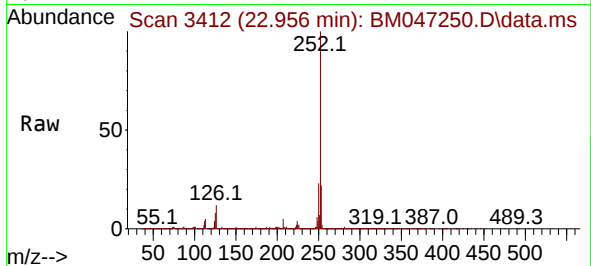




#89
Benzo(k)fluoranthene
Concen: 47.886 ng
RT: 22.956 min Scan# 3410
Delta R.T. 0.011 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

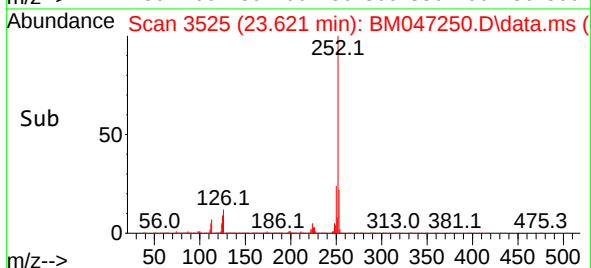
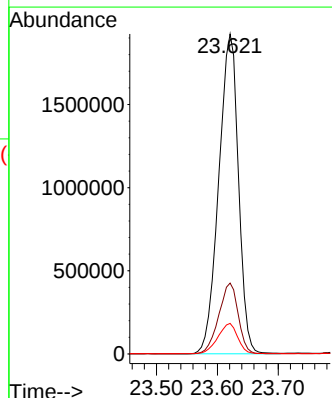
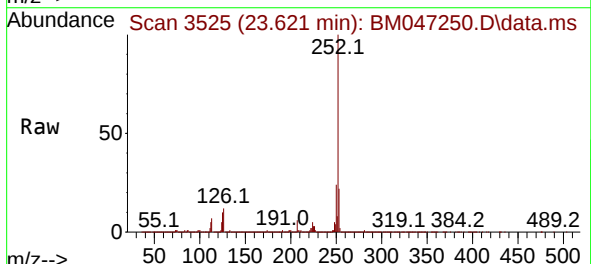
Instrument :
BNA_M
ClientSampleId :
PB162757BS

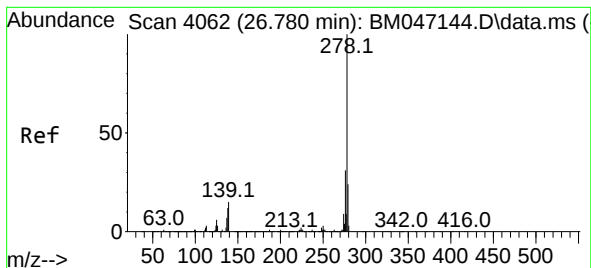
Tgt Ion:252 Resp: 4333239
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 52.069 ng
RT: 23.621 min Scan# 3525
Delta R.T. 0.011 min
Lab File: BM047250.D
Acq: 19 Aug 2024 13:01

Tgt Ion:252 Resp: 4321255
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 9.6 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 52.465 ng

RT: 26.809 min Scan# 4062

Delta R.T. 0.029 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Instrument :

BNA_M

ClientSampleId :

PB162757BS

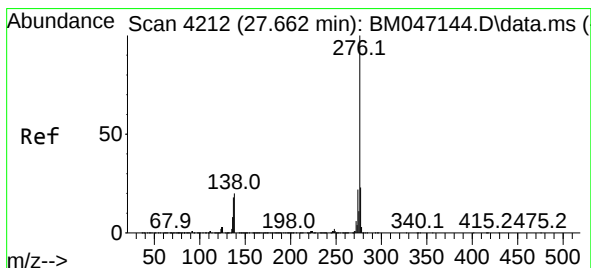
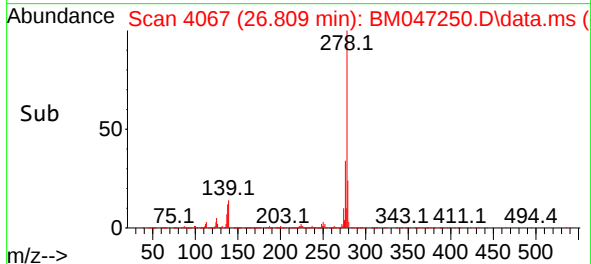
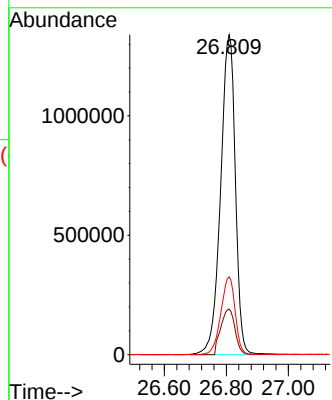
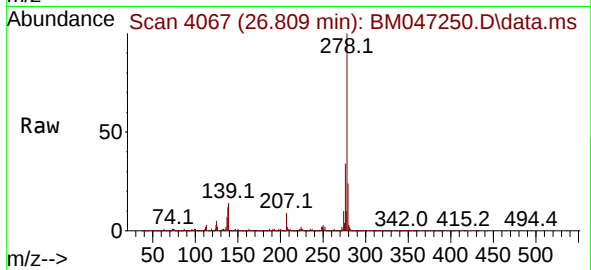
Tgt Ion:278 Resp: 4427346

Ion Ratio Lower Upper

278 100

139 14.3 12.0 18.0

279 24.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 48.706 ng

RT: 27.691 min Scan# 4217

Delta R.T. 0.029 min

Lab File: BM047250.D

Acq: 19 Aug 2024 13:01

Tgt Ion:276 Resp: 4267391

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 19.4 16.2 24.4

