

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047251.D
 Acq On : 19 Aug 2024 13:42
 Operator : RC/JU
 Sample : PB162757BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162757BSD

Quant Time: Aug 19 14:49:49 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	188275	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	791375	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	557332	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1252425	20.000	ng	0.00
76) Chrysene-d12	21.033	240	1245983	20.000	ng	0.00
86) Perylene-d12	23.738	264	1572179	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1424206	135.166	ng	0.00
7) Phenol-d6	6.581	99	1895913	130.584	ng	0.00
23) Nitrobenzene-d5	8.516	82	1231431	78.353	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	920269	142.405	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2950276	81.655	ng	-0.01
79) Terphenyl-d14	19.462	244	5506473	94.697	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.022	88	113428	25.981	ng	96
3) Pyridine	3.399	79	370799	28.964	ng	97
4) n-Nitrosodimethylamine	3.316	42	205628	36.764	ng	99
6) Aniline	6.710	93	383691	27.960	ng	99
8) 2-Chlorophenol	6.945	128	598876	52.112	ng	97
9) Benzaldehyde	6.528	77	163403	17.223	ng	99
10) Phenol	6.610	94	702697	48.505	ng	98
11) bis(2-Chloroethyl)ether	6.816	93	529915	42.713	ng	95
12) 1,3-Dichlorobenzene	7.251	146	593110	43.431	ng	97
13) 1,4-Dichlorobenzene	7.398	146	605106	43.763	ng	98
14) 1,2-Dichlorobenzene	7.710	146	595731	45.664	ng	99
15) Benzyl Alcohol	7.616	79	535220	51.797	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.887	45	672110	42.218	ng	99
17) 2-Methylphenol	7.828	107	484486	50.128	ng	99
18) Hexachloroethane	8.416	117	222857	41.610	ng	94
19) n-Nitroso-di-n-propyla...	8.175	70	421681	43.118	ng	98
20) 3+4-Methylphenols	8.157	107	670847	49.649	ng	98
22) Acetophenone	8.187	105	752379	39.386	ng	98
24) Nitrobenzene	8.557	77	652013	41.200	ng	96
25) Isophorone	9.081	82	1219558	44.567	ng	98
26) 2-Nitrophenol	9.257	139	342308	48.841	ng	96
27) 2,4-Dimethylphenol	9.339	122	441628	53.793	ng	100
28) bis(2-Chloroethoxy)met...	9.563	93	748328	43.460	ng	100
29) 2,4-Dichlorophenol	9.792	162	640100	52.547	ng	99
30) 1,2,4-Trichlorobenzene	9.992	180	623817	45.252	ng	99
31) Naphthalene	10.169	128	1725748	43.775	ng	99
32) Benzoic acid	9.522	122	486844	51.041	ng	96
33) 4-Chloroaniline	10.298	127	412674	27.220	ng	98
34) Hexachlorobutadiene	10.457	225	363591	45.061	ng	100
35) Caprolactam	11.104	113	152295	36.000	ng	94
36) 4-Chloro-3-methylphenol	11.451	107	637315	49.126	ng	99
37) 2-Methylnaphthalene	11.798	142	1272582	45.337	ng	98
38) 1-Methylnaphthalene	12.022	142	1186326	42.764	ng	98
40) 1,2,4,5-Tetrachloroben...	12.186	216	663901	43.673	ng	98
41) Hexachlorocyclopentadiene	12.157	237	473446	89.192	ng	98
43) 2,4,6-Trichlorophenol	12.445	196	541460	50.113	ng	98

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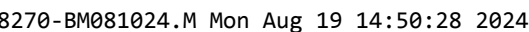
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	567752	47.326	ng	96
46) 1,1'-Biphenyl	12.851	154	1586071	39.974	ng	100
47) 2-Chloronaphthalene	12.886	162	1342415	43.287	ng	98
48) 2-Nitroaniline	13.110	65	443955	45.696	ng	98
49) Acenaphthylene	13.745	152	2204793	48.232	ng	100
50) Dimethylphthalate	13.510	163	1805626	46.388	ng	100
51) 2,6-Dinitrotoluene	13.627	165	416728	45.799	ng	87
52) Acenaphthene	14.092	154	1275241	43.979	ng	98
53) 3-Nitroaniline	13.957	138	357076	39.163	ng	96
54) 2,4-Dinitrophenol	14.180	184	550923	101.021	ng	92
55) Dibenzofuran	14.433	168	2087079	45.567	ng	98
56) 4-Nitrophenol	14.304	139	774486	98.507	ng	99
57) 2,4-Dinitrotoluene	14.427	165	573934	47.256	ng	97
58) Fluorene	15.092	166	1718229	45.466	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	529330	53.688	ng	93
60) Diethylphthalate	14.892	149	1818603	45.752	ng	98
61) 4-Chlorophenyl-phenyle...	15.092	204	834673	46.392	ng	96
62) 4-Nitroaniline	15.133	138	430471	47.923	ng	94
63) Azobenzene	15.392	77	1610976	42.744	ng	94
65) 4,6-Dinitro-2-methylph...	15.204	198	372358	50.780	ng	91
66) n-Nitrosodiphenylamine	15.315	169	1539154	45.119	ng	100
67) 4-Bromophenyl-phenylether	15.992	248	562507	46.609	ng	96
68) Hexachlorobenzene	16.098	284	651895	45.101	ng	98
69) Atrazine	16.292	200	516465	50.312	ng	98
70) Pentachlorophenol	16.457	266	930264	91.815	ng	99
71) Phenanthrene	16.833	178	2889868	45.977	ng	100
72) Anthracene	16.927	178	2909916	47.580	ng	100
73) Carbazole	17.209	167	2910966	46.617	ng	99
74) Di-n-butylphthalate	17.792	149	3370294	46.385	ng	99
75) Fluoranthene	18.868	202	3662035	47.900	ng	99
77) Benzidine	19.074	184	972955	46.046	ng	99
78) Pyrene	19.239	202	3872962	43.533	ng	99
80) Butylbenzylphthalate	20.174	149	1685588	46.426	ng	95
81) Benzo(a)anthracene	21.021	228	3904446	47.203	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1267661	48.982	ng	99
83) Chrysene	21.080	228	3667613	46.734	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2306020	44.786	ng #	99
85) Di-n-octyl phthalate	22.009	149	4339330	49.582	ng	98
87) Indeno(1,2,3-cd)pyrene	26.756	276	5410859	53.245	ng	98
88) Benzo(b)fluoranthene	22.897	252	4408520	47.218	ng	99
89) Benzo(k)fluoranthene	22.956	252	4184991	47.455	ng	99
90) Benzo(a)pyrene	23.621	252	4186037	51.757	ng	98
91) Dibenzo(a,h)anthracene	26.809	278	4361715	53.036	ng	99
92) Benzo(g,h,i)perylene	27.691	276	4213855	49.351	ng	99

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

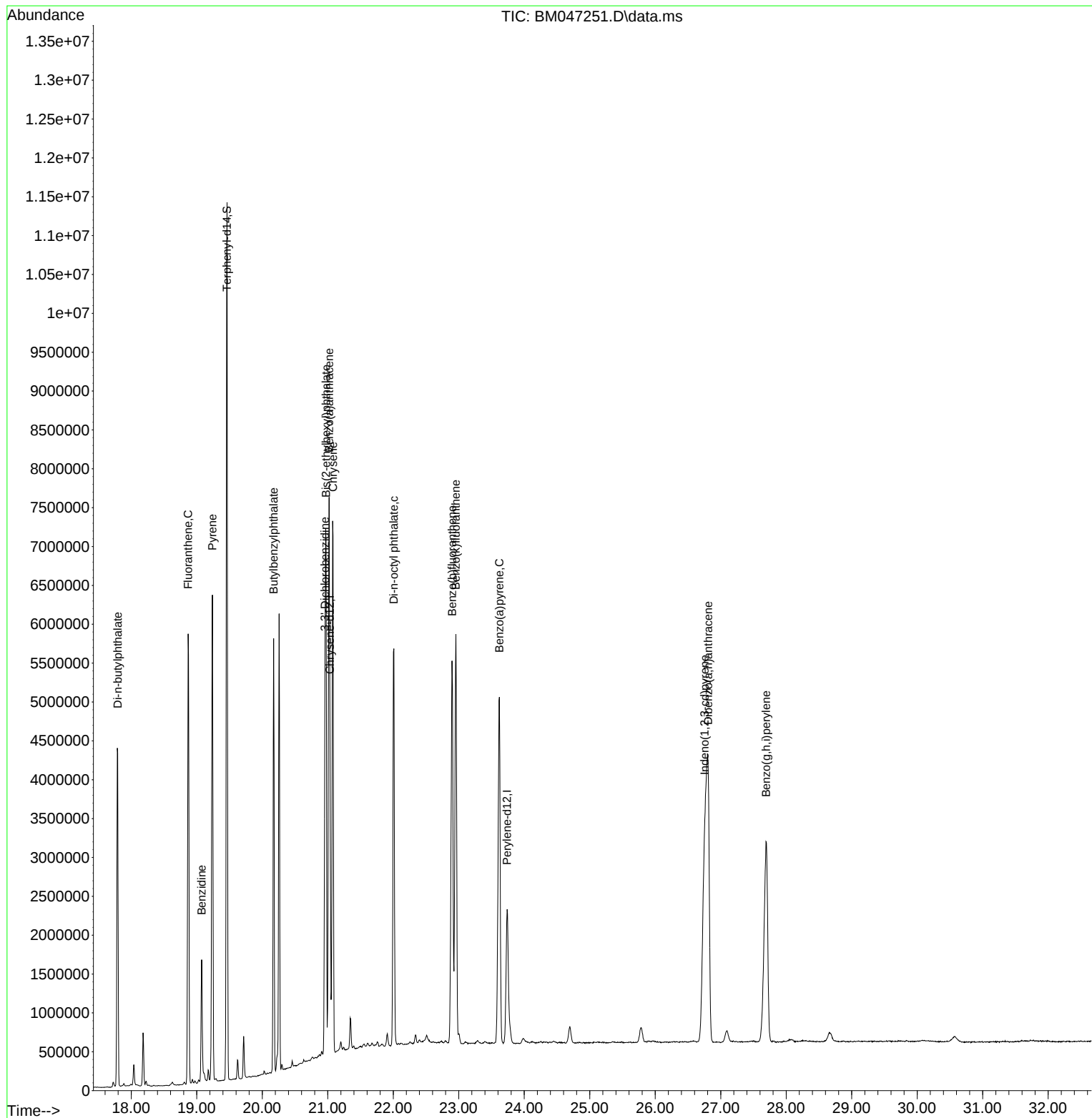
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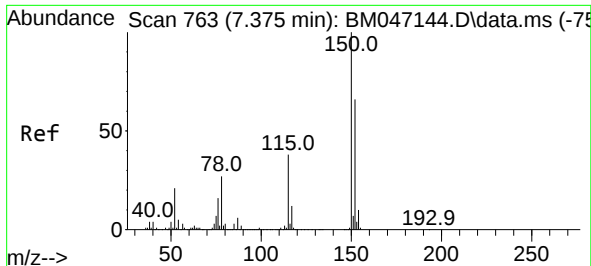


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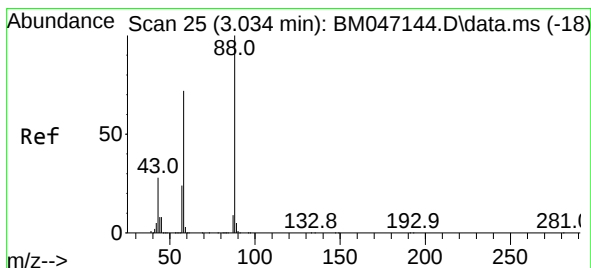
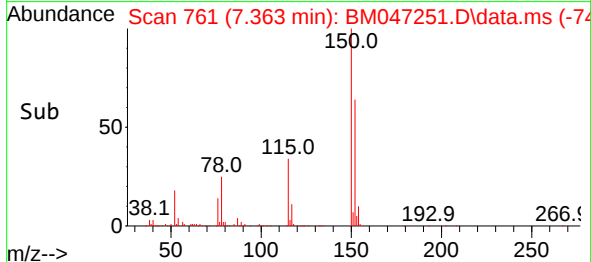
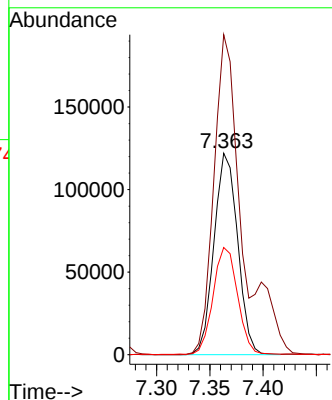
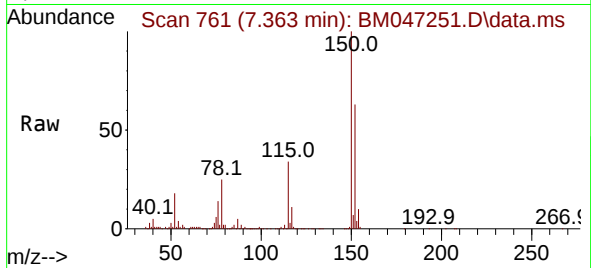




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

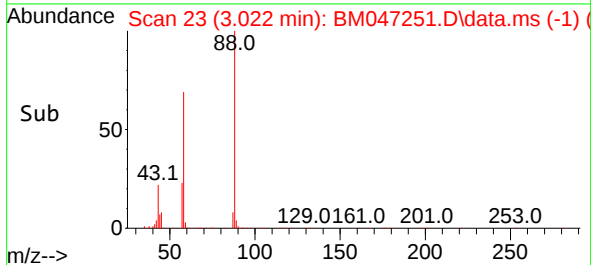
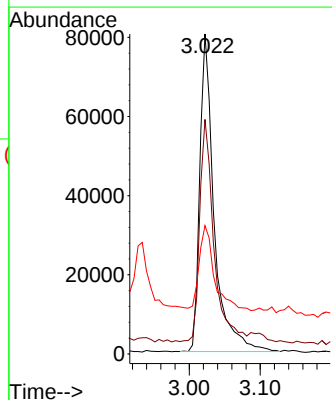
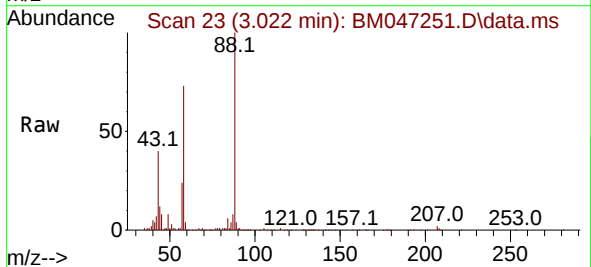
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 188275
Ion Ratio Lower Upper
152 100
150 158.9 120.5 180.7
115 53.3 45.5 68.3



#2
1,4-Dioxane
Concen: 25.981 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 88 Resp: 113428
Ion Ratio Lower Upper
88 100
58 68.5 58.2 87.4
43 28.2 22.5 33.7

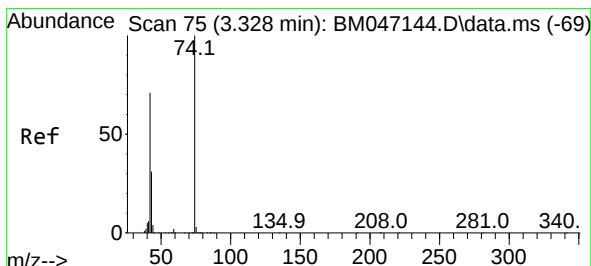
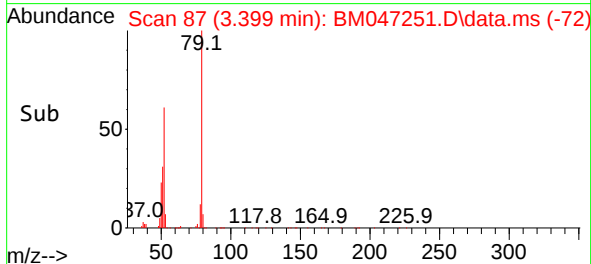
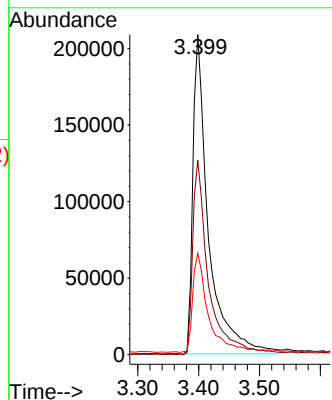
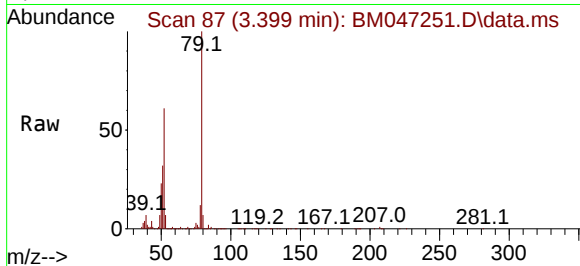




#3
 Pyridine
 Concen: 28.964 ng
 RT: 3.399 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047251.D
 Acq: 19 Aug 2024 13:42

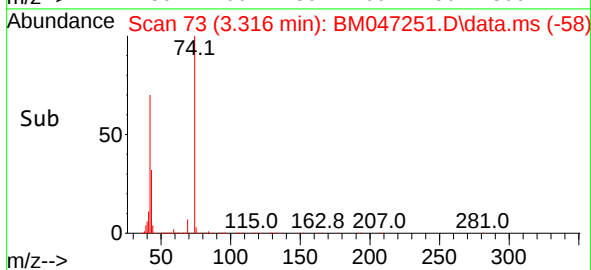
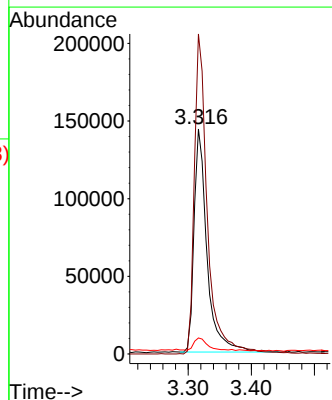
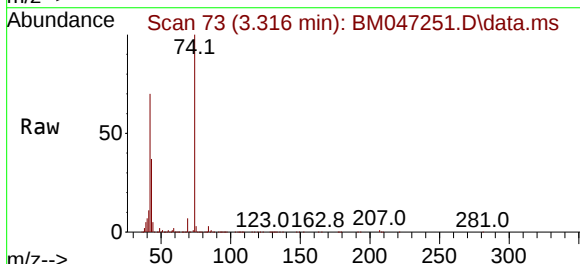
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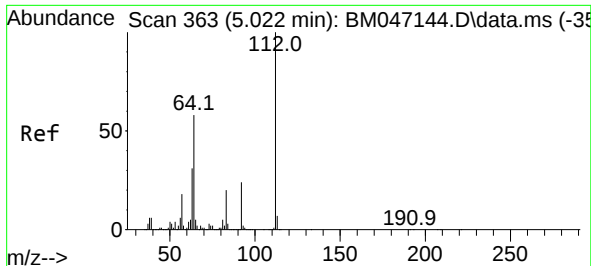
Tgt Ion: 79 Resp: 370799
 Ion Ratio Lower Upper
 79 100
 52 60.8 51.2 76.8
 51 31.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 36.764 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BM047251.D
 Acq: 19 Aug 2024 13:42

Tgt Ion: 42 Resp: 205628
 Ion Ratio Lower Upper
 42 100
 74 142.2 112.9 169.3
 44 7.1 5.3 7.9

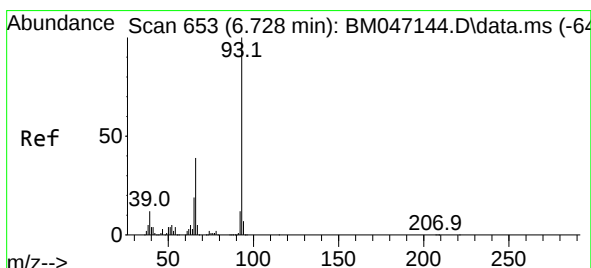
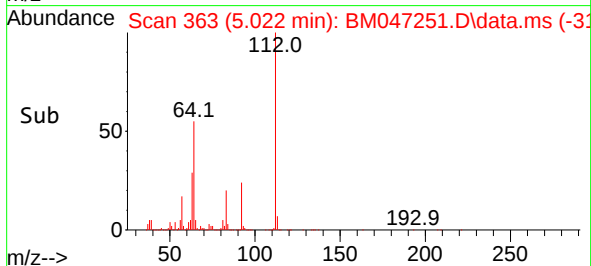
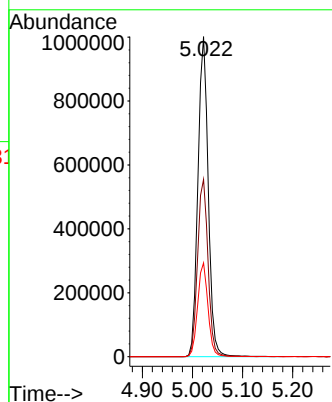
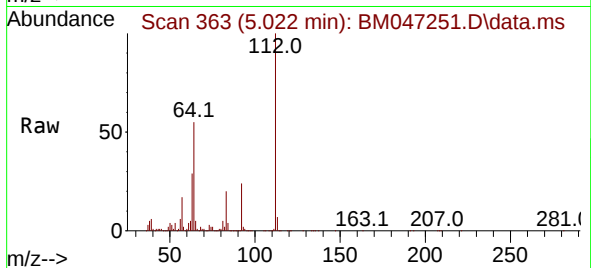




#5
2-Fluorophenol
Concen: 135.166 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

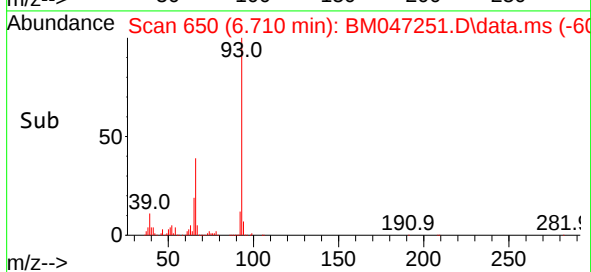
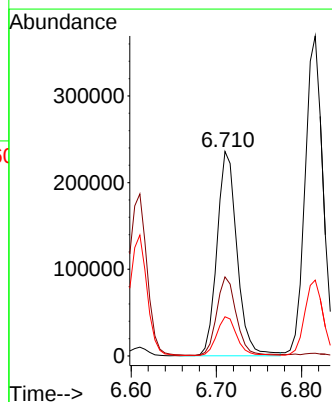
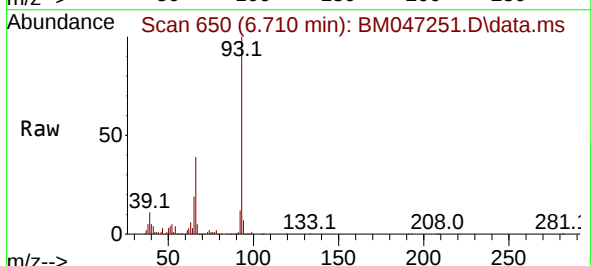
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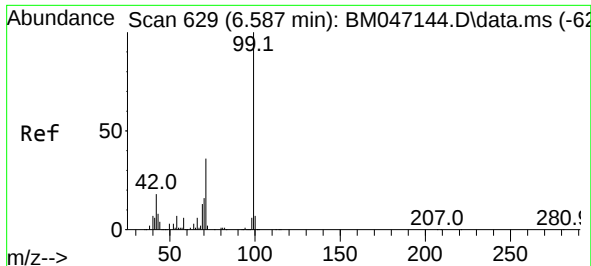
Tgt Ion:112 Resp: 1424206
Ion Ratio Lower Upper
112 100
64 55.4 46.7 70.1
63 29.3 24.8 37.2



#6
Aniline
Concen: 27.960 ng
RT: 6.710 min Scan# 650
Delta R.T. -0.018 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 93 Resp: 383691
Ion Ratio Lower Upper
93 100
66 38.7 31.4 47.2
65 19.2 15.6 23.4

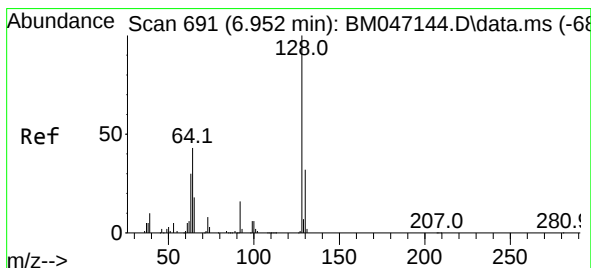
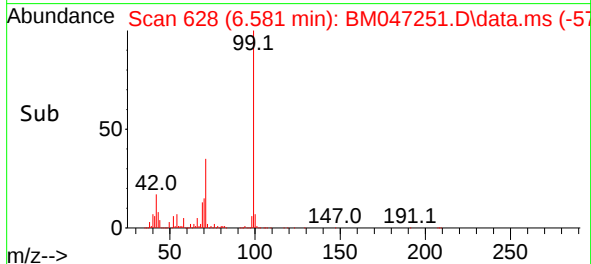
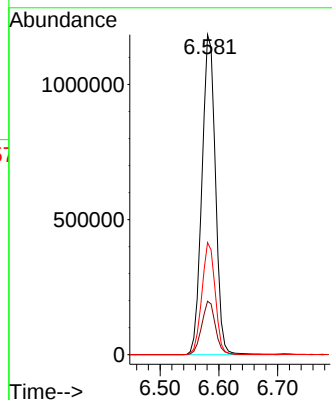
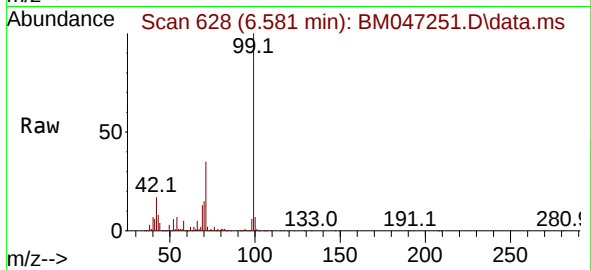




#7
Phenol-d6
Concen: 130.584 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047251.D
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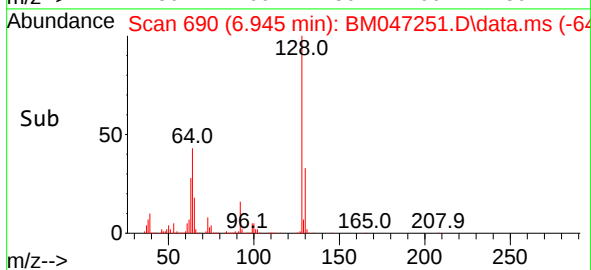
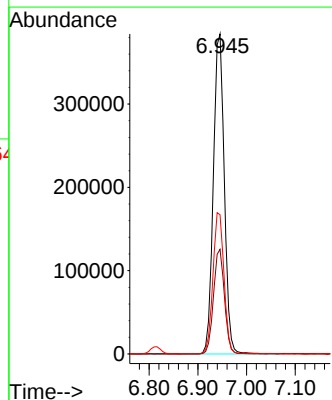
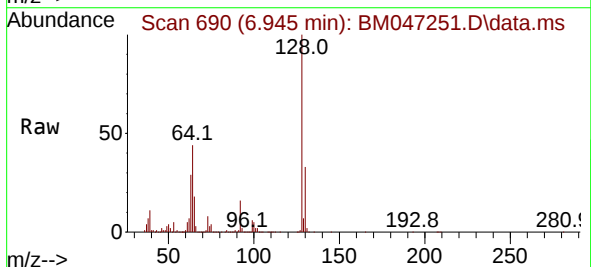
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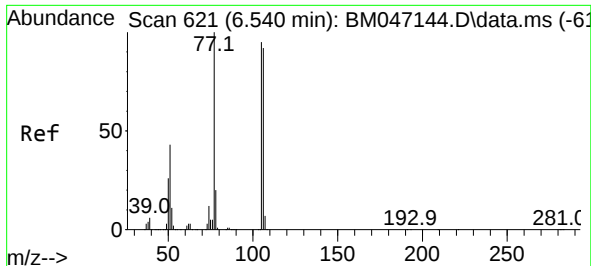
Tgt Ion: 99 Resp: 1895913
Ion Ratio Lower Upper
99 100
42 16.7 14.1 21.1
71 35.0 28.5 42.7



#8
2-Chlorophenol
Concen: 52.112 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 128 Resp: 598876
Ion Ratio Lower Upper
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130 32.7 12.1 52.1
64 43.5 26.6 66.6

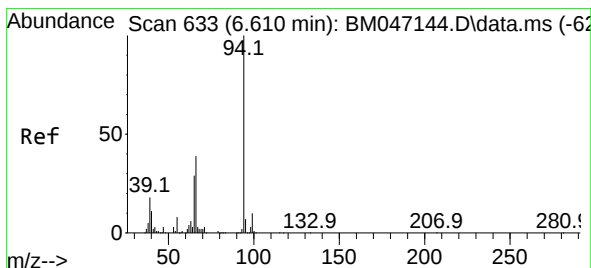
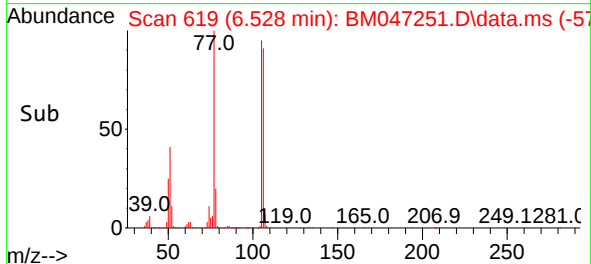
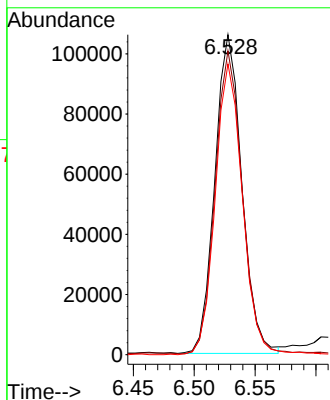
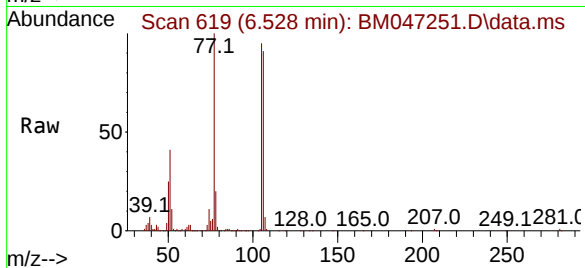




#9
Benzaldehyde
Concen: 17.223 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
Lab File: BM047251.D
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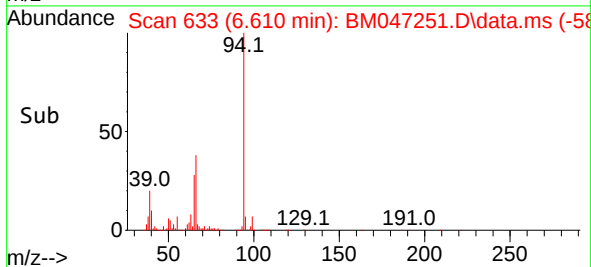
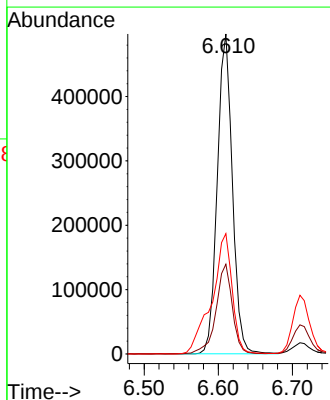
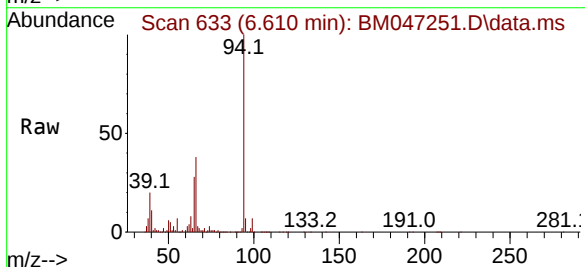
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PB162757BSD

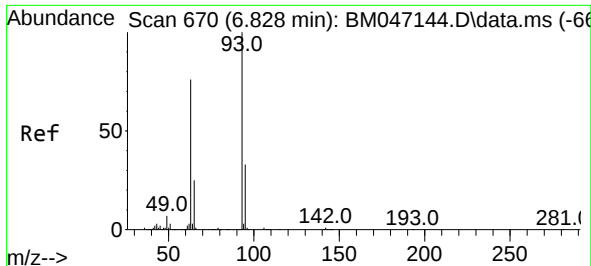
Tgt Ion: 77 Resp: 163403
Ion Ratio Lower Upper
77 100
105 95.0 74.5 114.5
106 90.8 72.3 112.3



#10
Phenol
Concen: 48.505 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 94 Resp: 702697
Ion Ratio Lower Upper
94 100
65 28.1 9.0 49.0
66 37.6 18.9 58.9

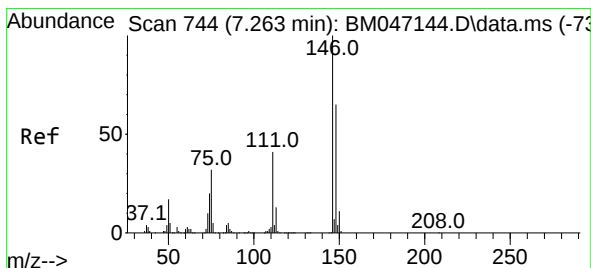
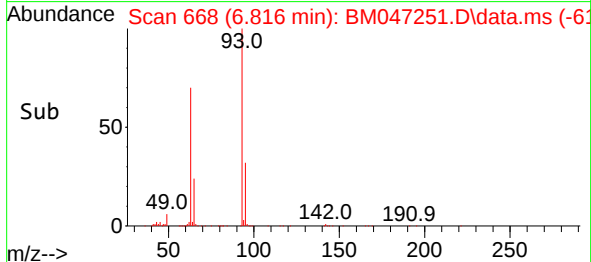
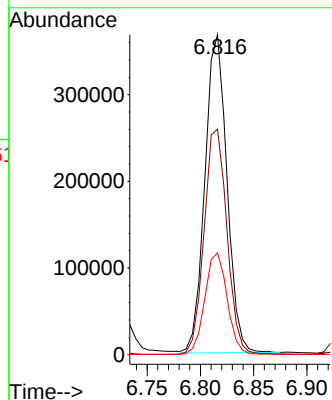
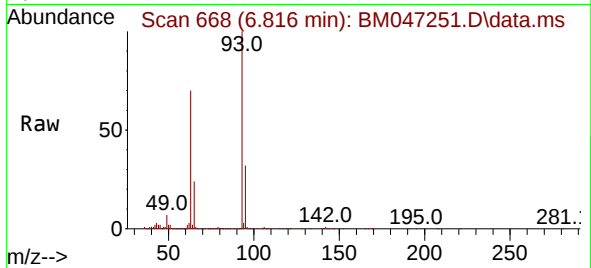




#11
bis(2-Chloroethyl)ether
Concen: 42.713 ng
RT: 6.816 min Scan# 609
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

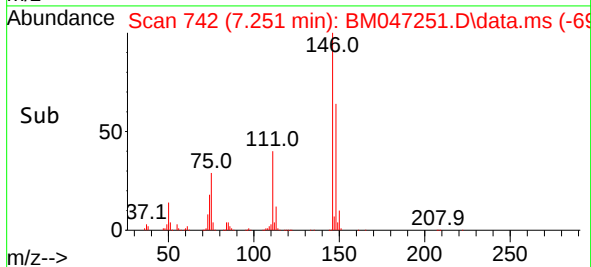
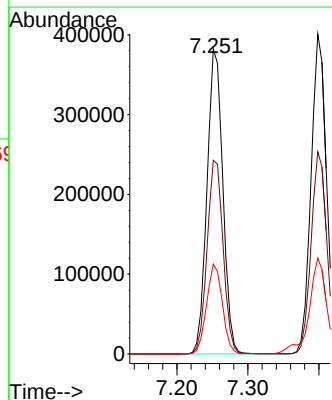
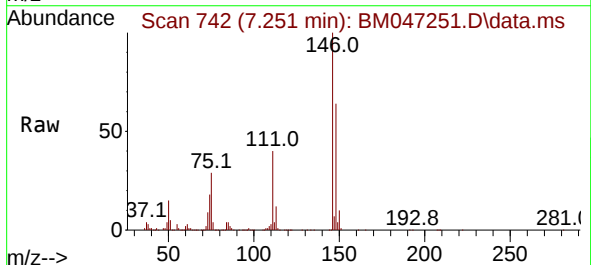
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

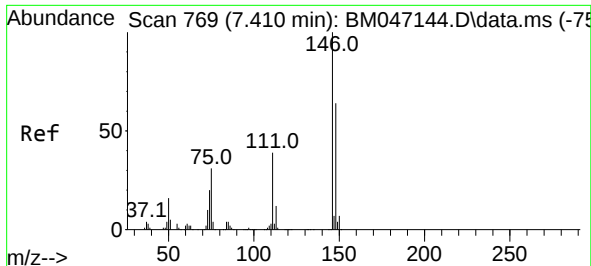
Tgt Ion: 93 Resp: 529915
Ion Ratio Lower Upper
93 100
63 70.5 55.8 95.8
95 31.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.431 ng
RT: 7.251 min Scan# 742
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 146 Resp: 593110
Ion Ratio Lower Upper
146 100
148 63.5 52.3 78.5
75 29.5 25.8 38.6

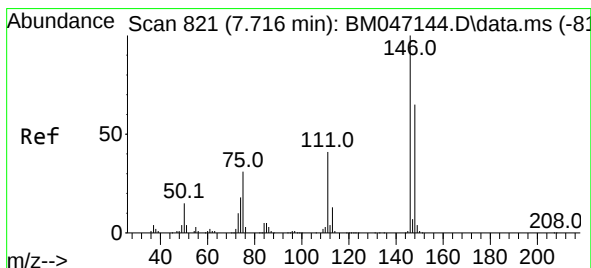
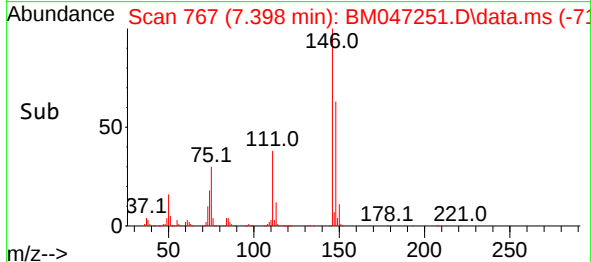
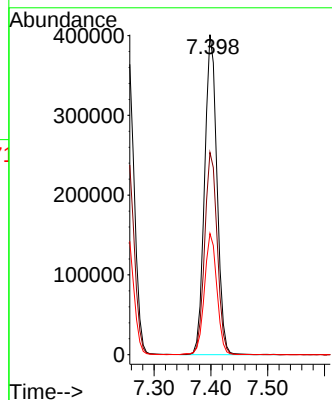
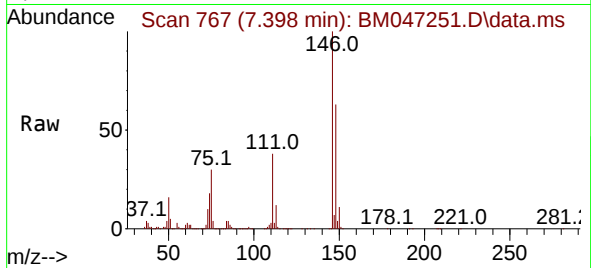




#13
1,4-Dichlorobenzene
Concen: 43.763 ng
RT: 7.398 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

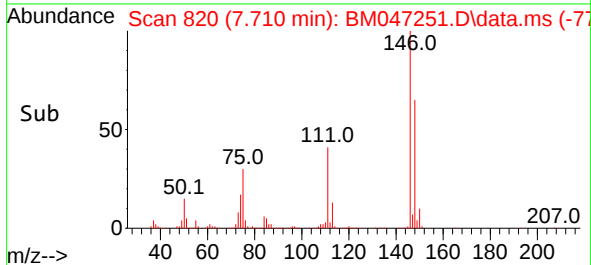
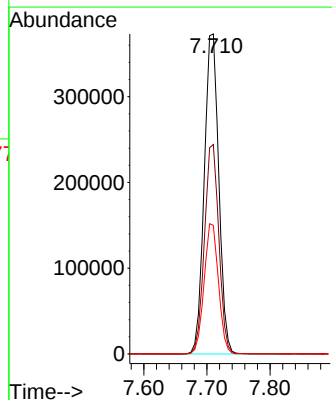
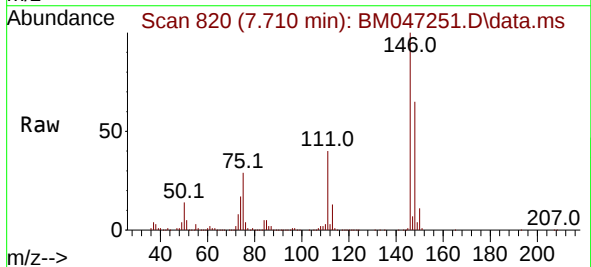
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

Tgt Ion:146 Resp: 605106
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 37.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 45.664 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:146 Resp: 595731
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
111 40.2 33.3 49.9

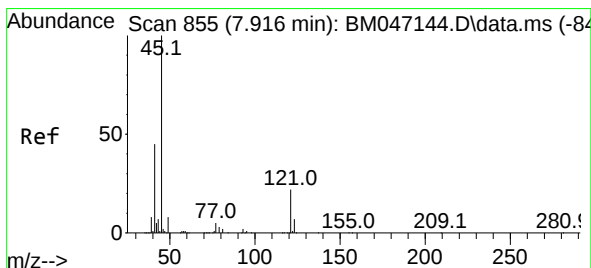
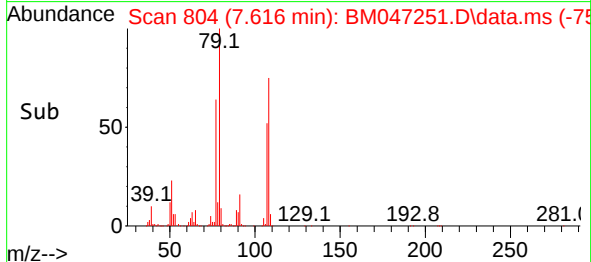
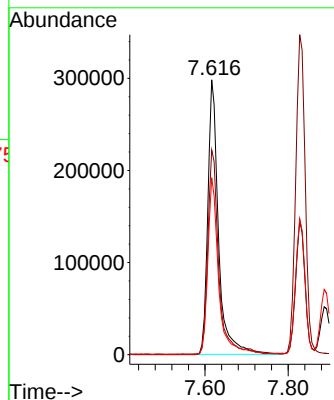
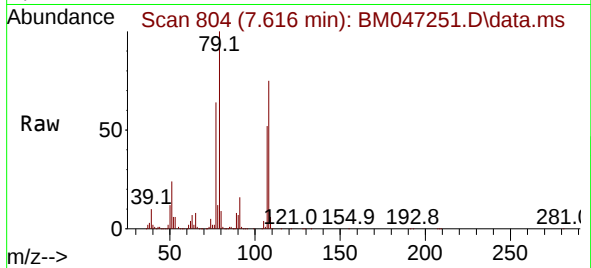




#15
Benzyl Alcohol
Concen: 51.797 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

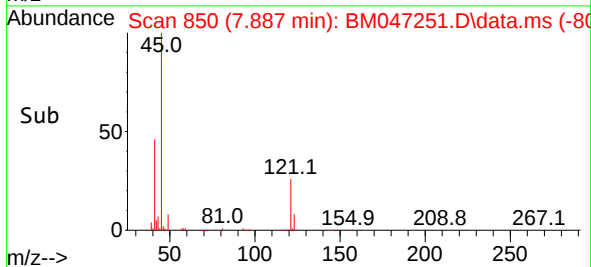
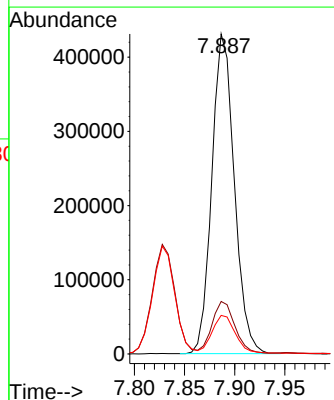
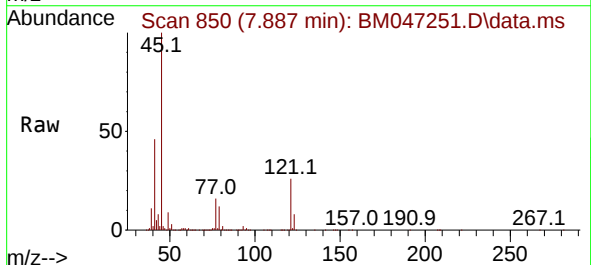
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

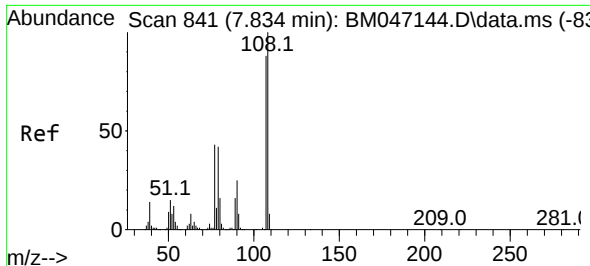
Tgt Ion: 79 Resp: 535220
Ion Ratio Lower Upper
79 100
108 74.5 59.7 89.5
77 64.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.218 ng
RT: 7.887 min Scan# 850
Delta R.T. -0.030 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 45 Resp: 672110
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.1 0.0 32.4





#17

2-Methylphenol

Concen: 50.128 ng

RT: 7.828 min Scan# 841

Delta R.T. -0.006 min

Lab File: BM047251.D

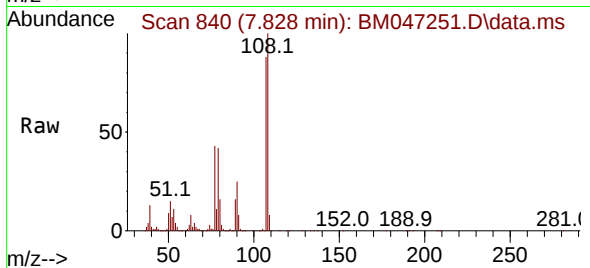
Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD



Tgt Ion:107 Resp: 484486

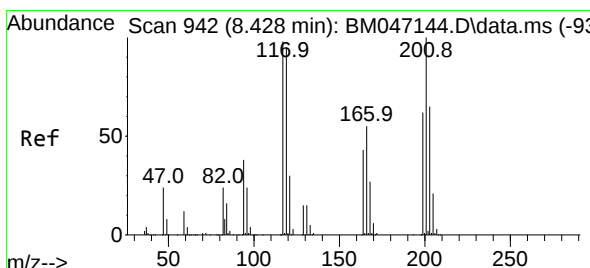
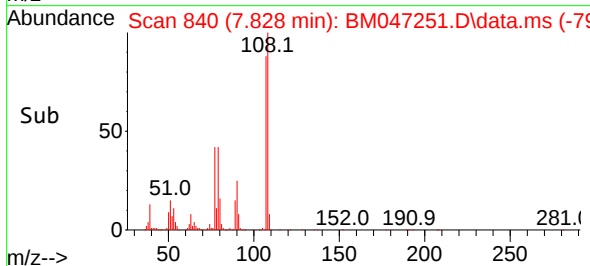
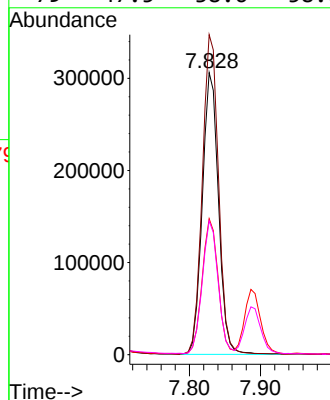
Ion Ratio Lower Upper

107 100

108 113.4 90.6 135.8

77 48.2 39.3 58.9

79 47.5 38.6 58.0



#18

Hexachloroethane

Concen: 41.610 ng

RT: 8.416 min Scan# 940

Delta R.T. -0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

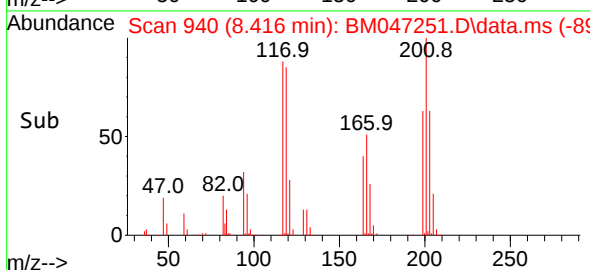
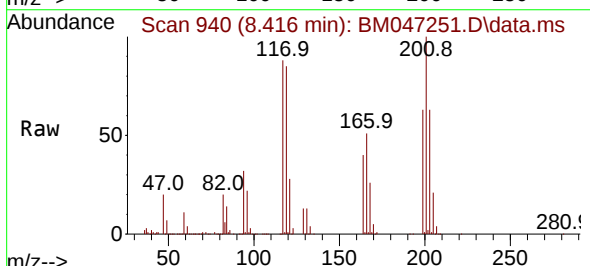
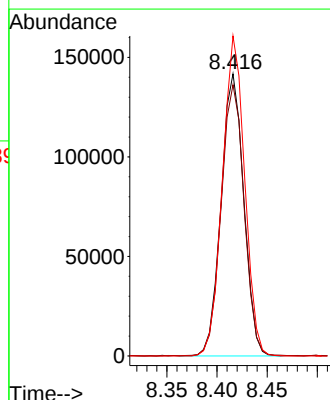
Tgt Ion:117 Resp: 222857

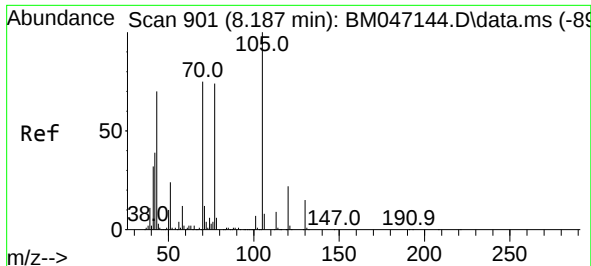
Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

201 113.5 81.3 121.9

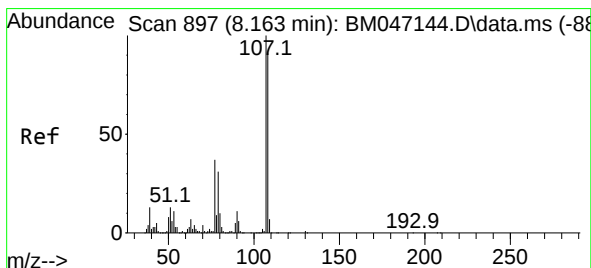
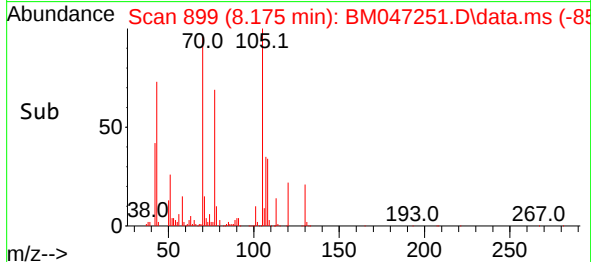
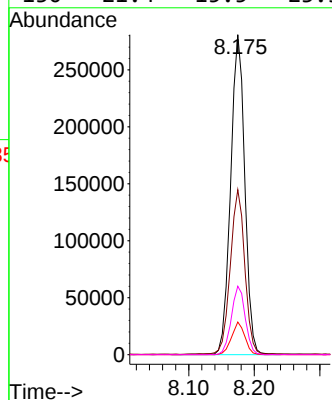
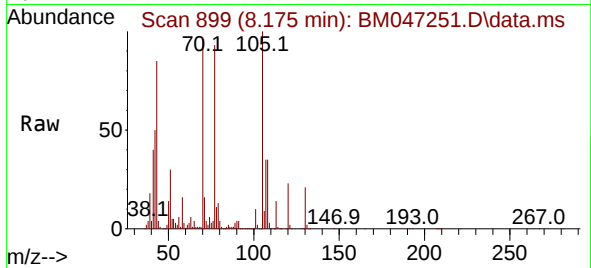




#19
n-Nitroso-di-n-propylamine
Concen: 43.118 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

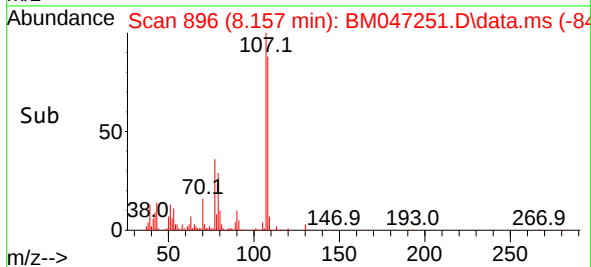
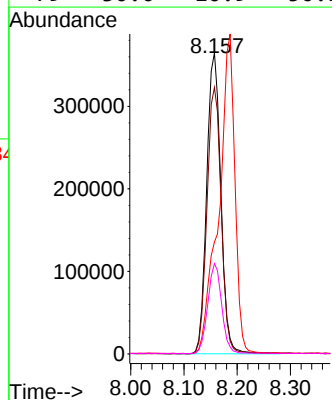
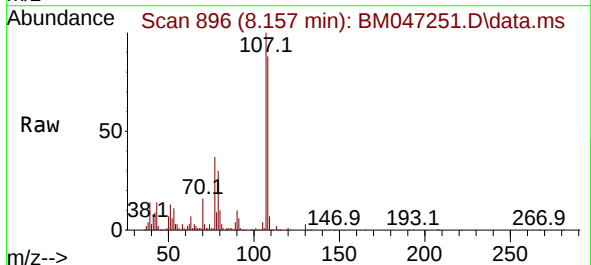
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

Tgt Ion: 70 Resp: 421681
Ion Ratio Lower Upper
70 100
42 51.5 42.0 63.0
101 10.2 7.2 10.8
130 21.4 15.5 23.3



#20
3+4-Methylphenols
Concen: 49.649 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 107 Resp: 670847
Ion Ratio Lower Upper
107 100
108 88.5 70.7 110.7
77 37.2 17.4 57.4
79 30.0 10.9 50.9

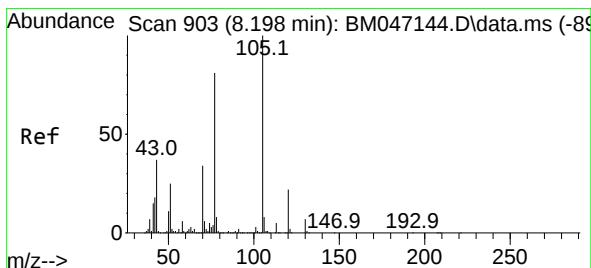
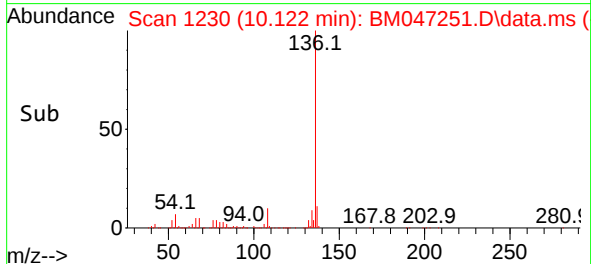
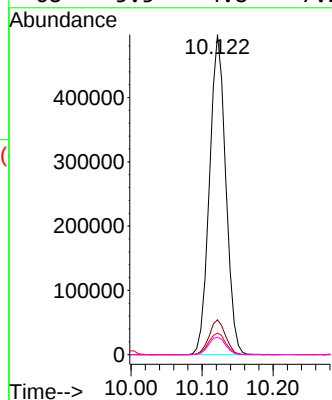
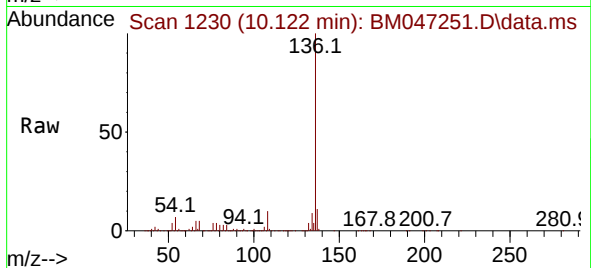




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

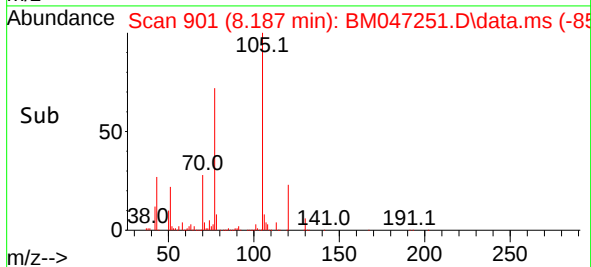
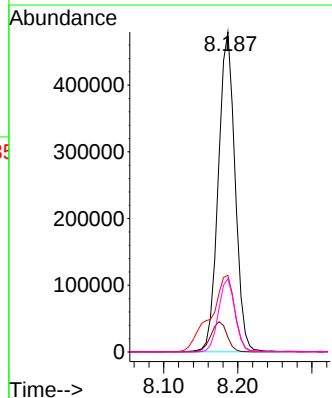
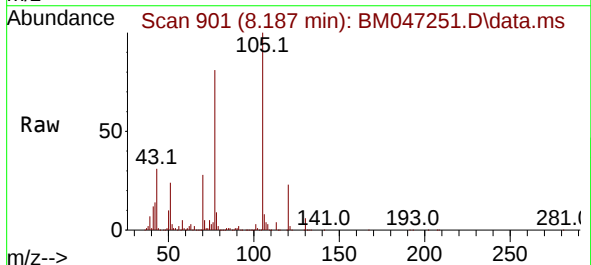
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

Tgt Ion:	136	Resp:	791375
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	6.0	9.0
68	5.5	4.8	7.2



#22
Acetophenone
Concen: 39.386 ng
RT: 8.187 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:	105	Resp:	752379
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.5	6.7
51	24.0	20.1	30.1
120	22.9	17.8	26.6

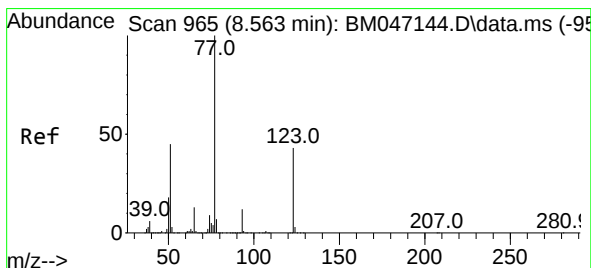
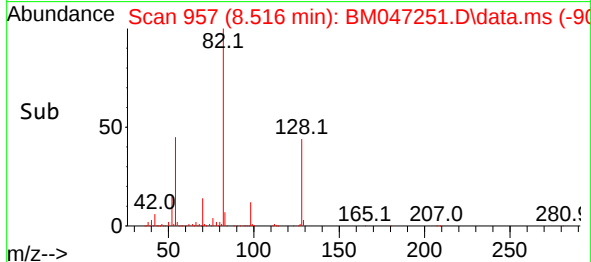
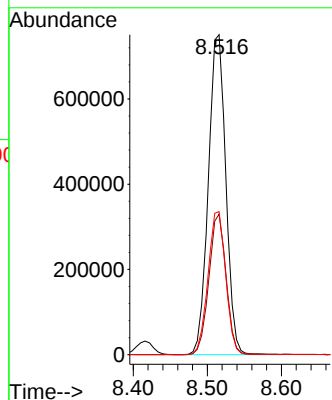
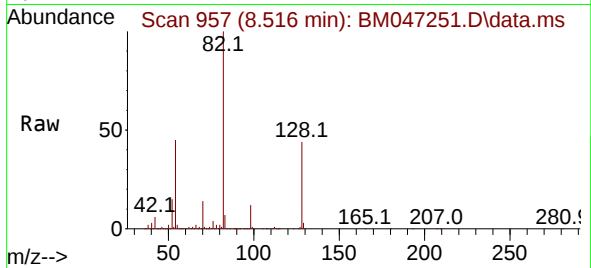




#23
Nitrobenzene-d5
Concen: 78.353 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

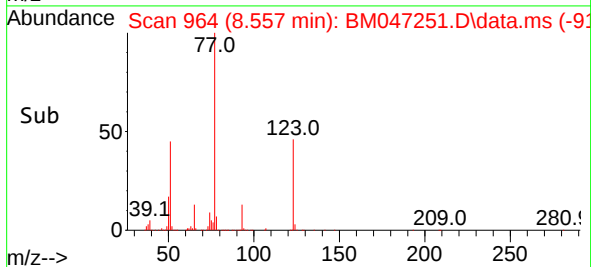
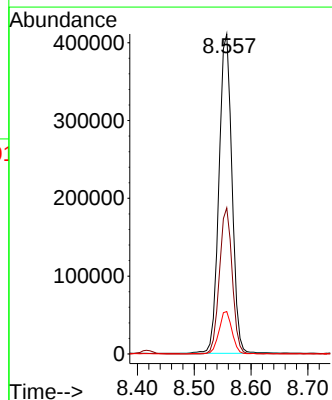
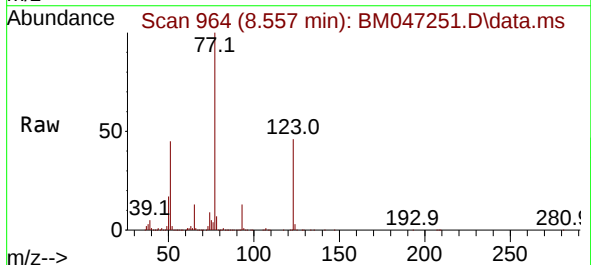
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

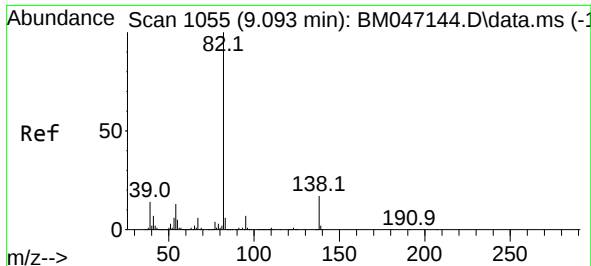
Tgt Ion: 82 Resp: 1231431
Ion Ratio Lower Upper
82 100
128 43.9 32.3 48.5
54 44.7 37.4 56.2



#24
Nitrobenzene
Concen: 41.200 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

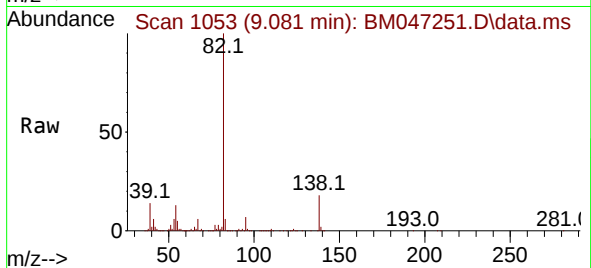
Tgt Ion: 77 Resp: 652013
Ion Ratio Lower Upper
77 100
123 45.6 34.0 51.0
65 13.3 10.5 15.7



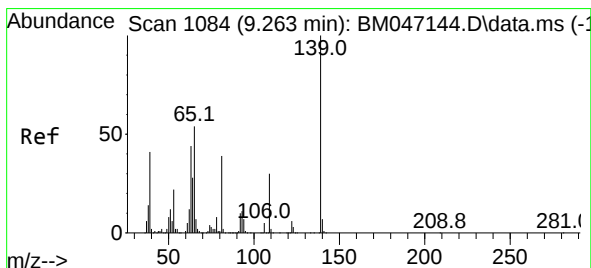
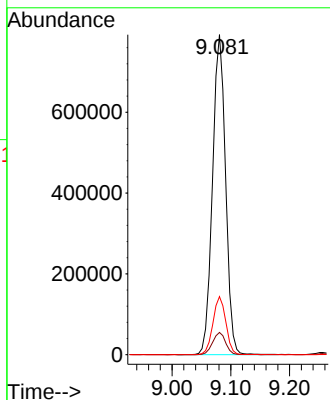
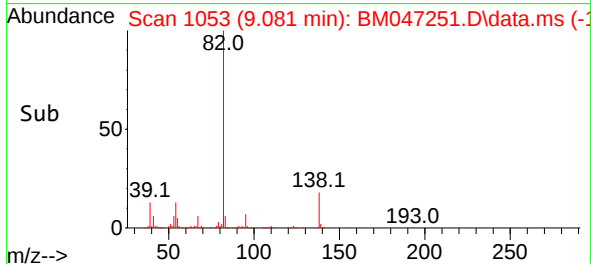


#25
Isophorone
Concen: 44.567 ng
RT: 9.081 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Instrument :
BNA_M
ClientSampleId :
PB162757BSD

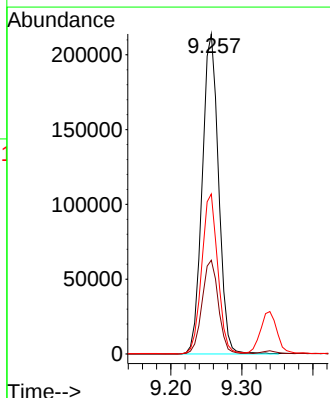
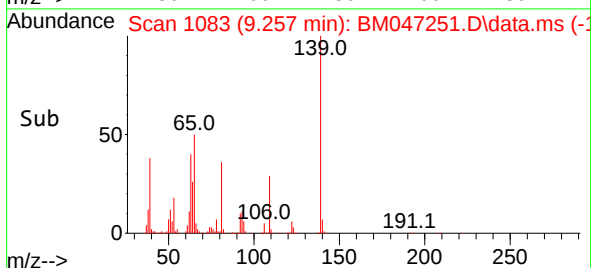
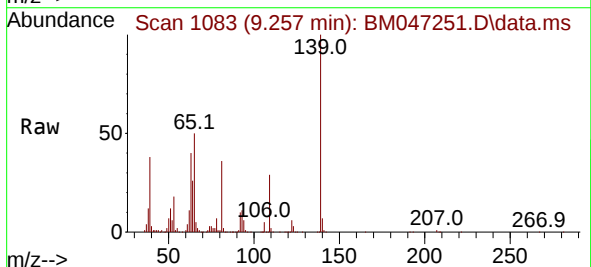


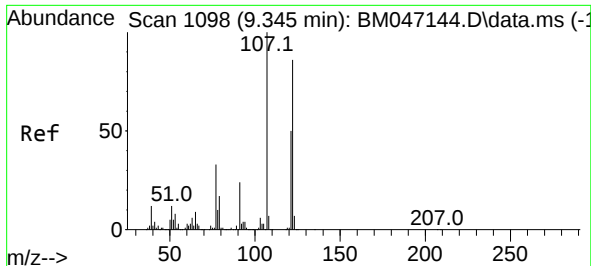
Tgt Ion: 82 Resp: 1219558
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.1 13.5 20.3



#26
2-Nitrophenol
Concen: 48.841 ng
RT: 9.257 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 139 Resp: 342308
Ion Ratio Lower Upper
139 100
109 29.3 24.4 36.6
65 50.0 43.0 64.6

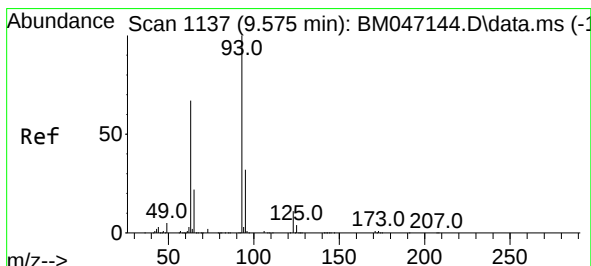
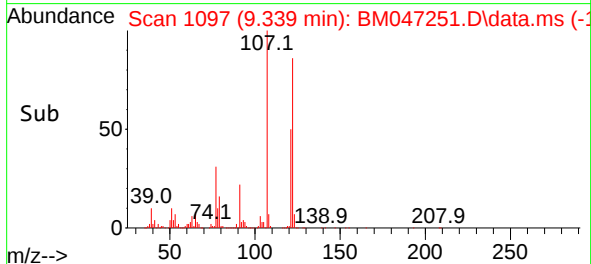
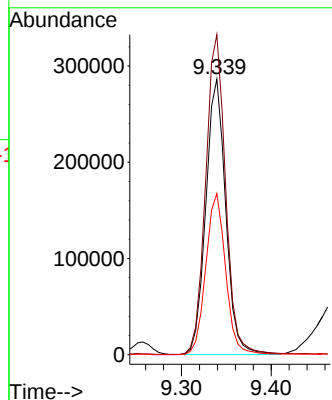
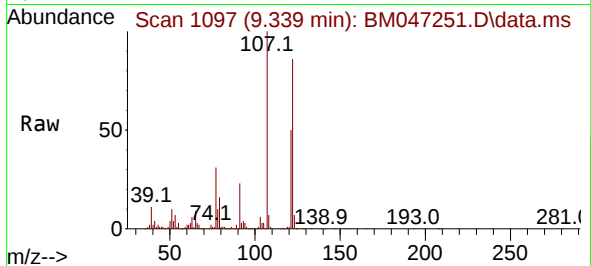




#27
2,4-Dimethylphenol
Concen: 53.793 ng
RT: 9.339 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

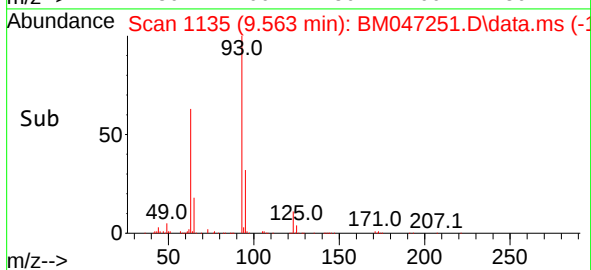
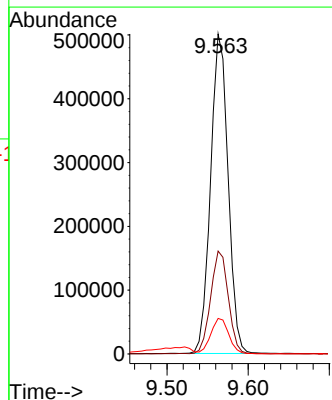
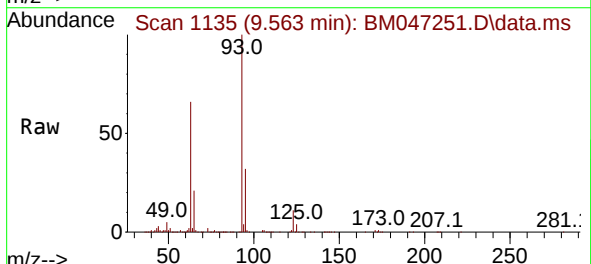
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

Tgt Ion:122 Resp: 441628
Ion Ratio Lower Upper
122 100
107 116.1 92.8 139.2
121 58.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.460 ng
RT: 9.563 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 93 Resp: 748328
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.1 9.0 13.4



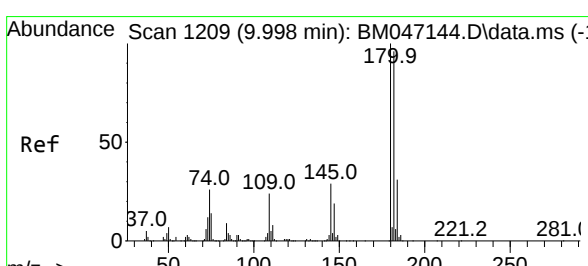
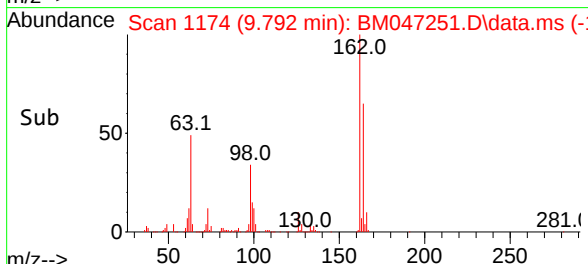
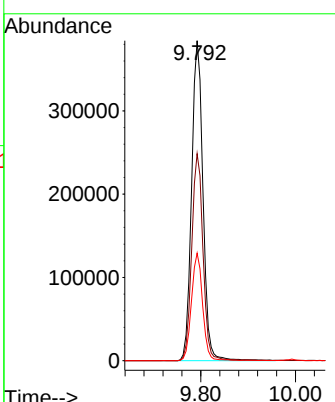
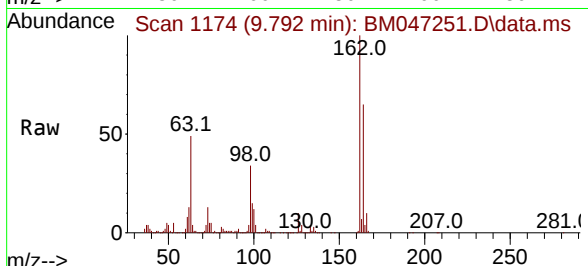


#29
 2,4-Dichlorophenol
 Concen: 52.547 ng
 RT: 9.792 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047251.D
 Acq: 19 Aug 2024 13:42

Instrument : BNA_M
 ClientSampleId : PB162757BSD

Tgt Ion:162 Resp: 640100

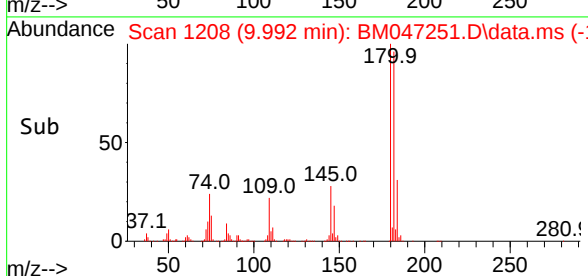
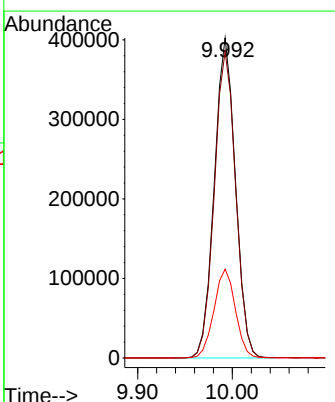
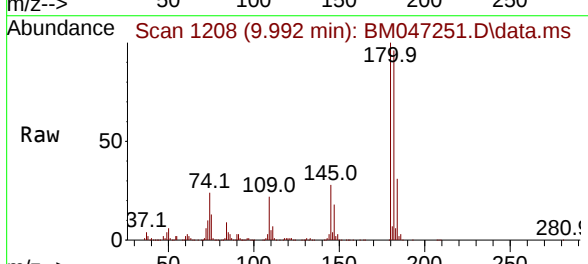
Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	33.6	14.9	54.9

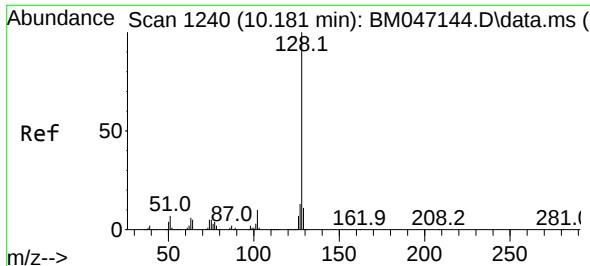


#30
 1,2,4-Trichlorobenzene
 Concen: 45.252 ng
 RT: 9.992 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BM047251.D
 Acq: 19 Aug 2024 13:42

Tgt Ion:180 Resp: 623817

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
145	27.8	23.4	35.2

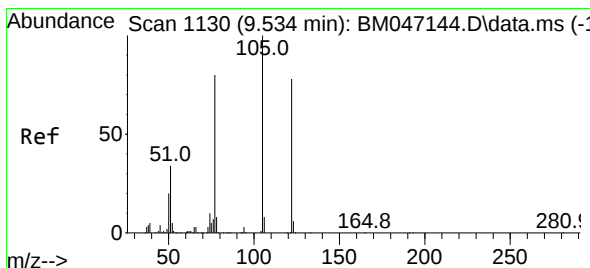
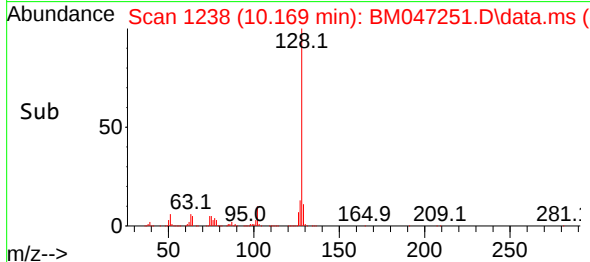
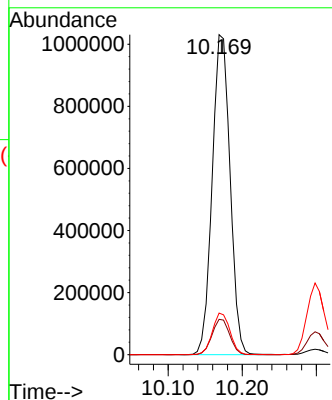
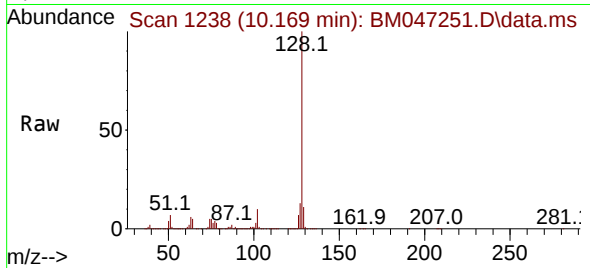




#31
Naphthalene
Concen: 43.775 ng
RT: 10.169 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

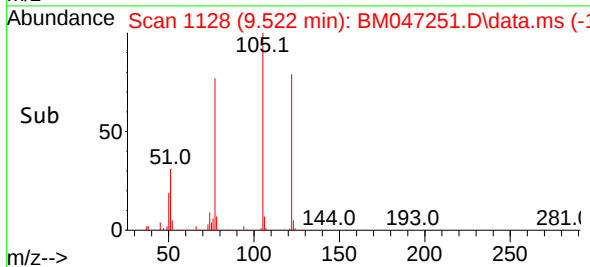
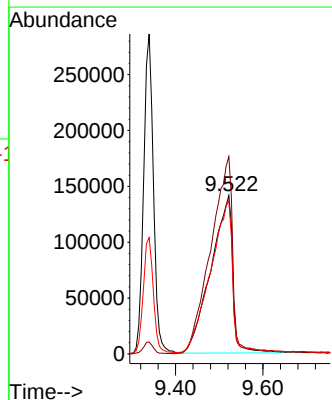
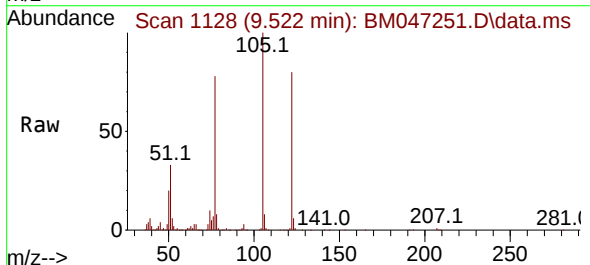
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

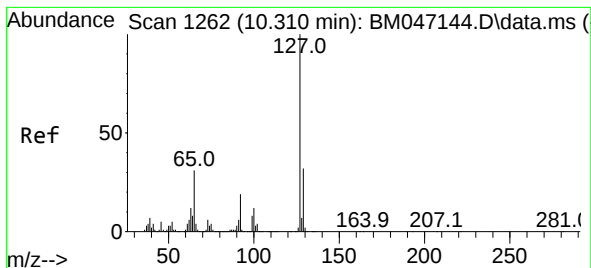
Tgt Ion:128 Resp: 1725748
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 51.041 ng
RT: 9.522 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:122 Resp: 486844
Ion Ratio Lower Upper
122 100
105 124.5 107.1 147.1
77 96.6 82.1 122.1





#33

4-Chloroaniline

Concen: 27.220 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

Tgt Ion:127 Resp: 412674

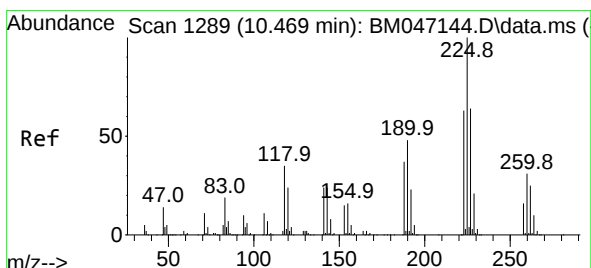
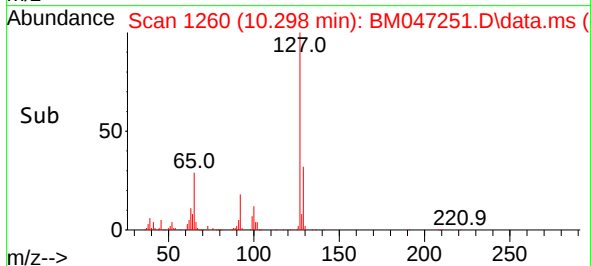
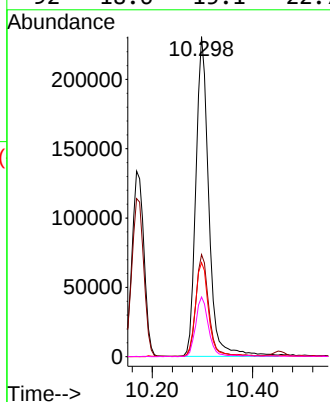
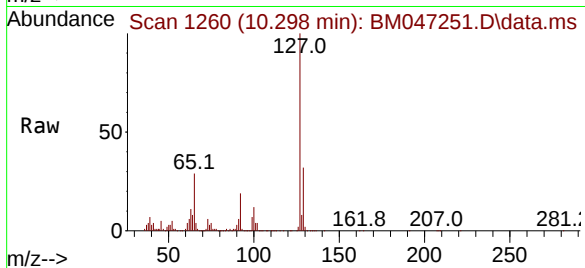
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 29.4 24.9 37.3

92 18.6 15.1 22.7



#34

Hexachlorobutadiene

Concen: 45.061 ng

RT: 10.457 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

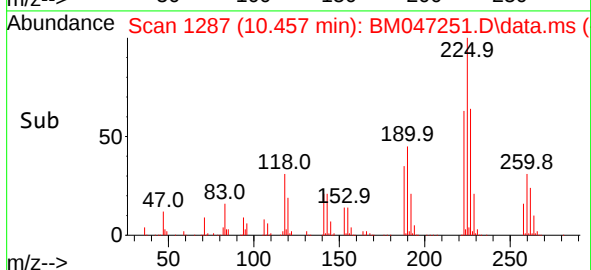
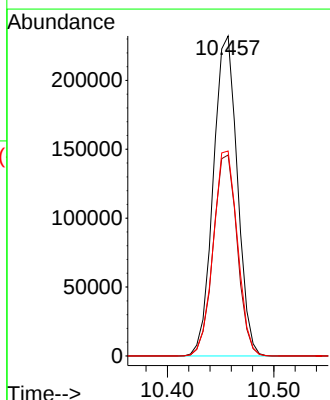
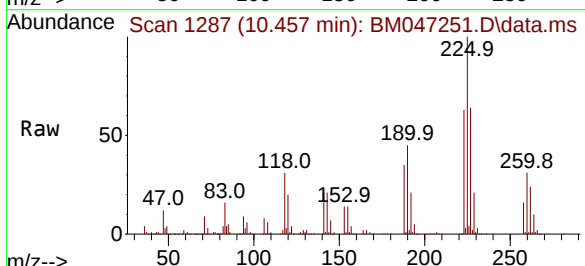
Tgt Ion:225 Resp: 363591

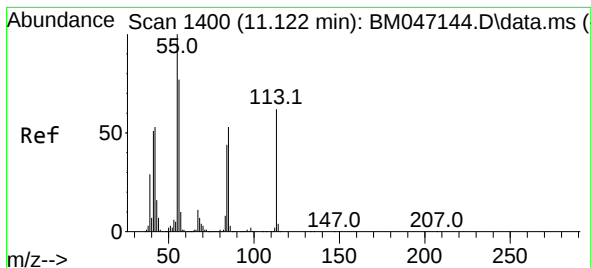
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.2

227 64.0 51.4 77.0

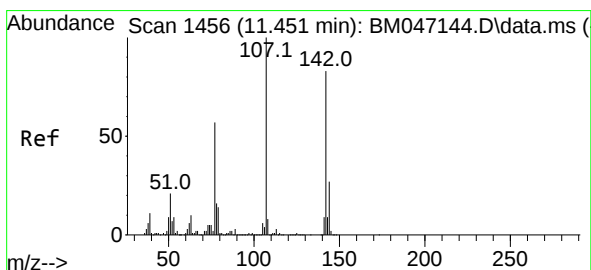
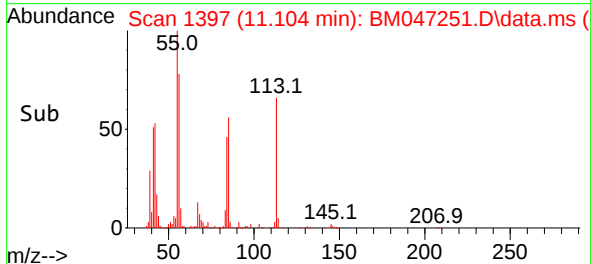
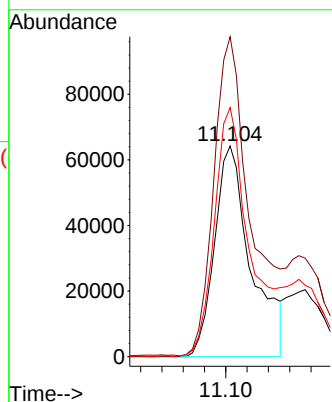
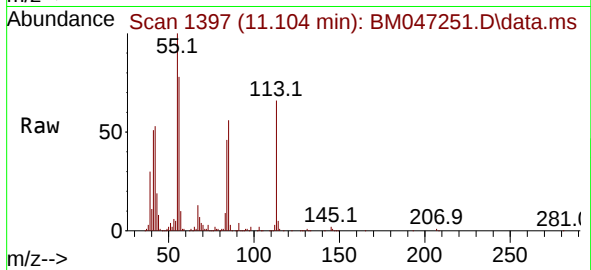




#35
Caprolactam
Concen: 36.000 ng
RT: 11.104 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

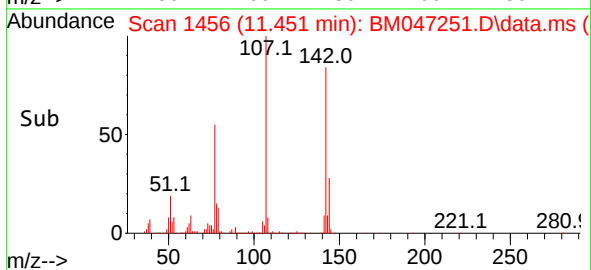
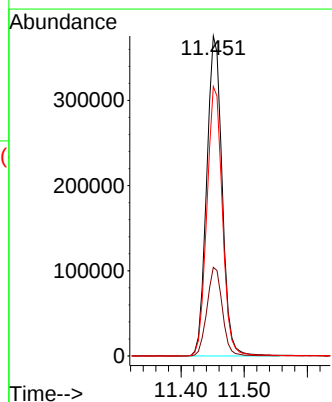
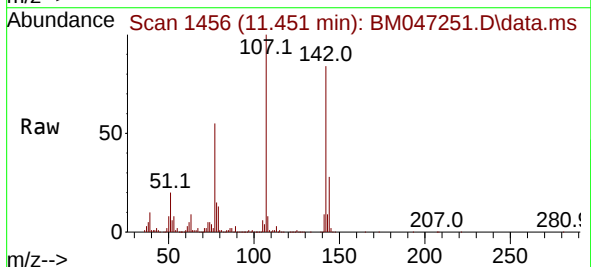
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

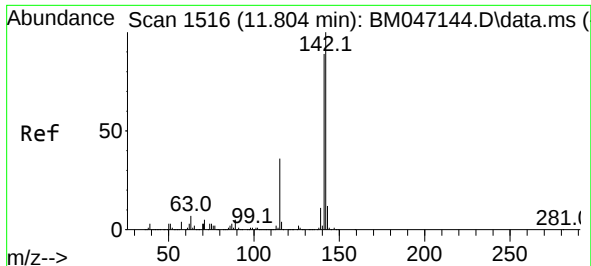
Tgt Ion:113 Resp: 152295
Ion Ratio Lower Upper
113 100
55 151.8 140.5 180.5
56 118.2 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 49.126 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:107 Resp: 637315
Ion Ratio Lower Upper
107 100
144 27.7 21.8 32.6
142 84.2 66.8 100.2





#37

2-Methylnaphthalene

Concen: 45.337 ng

RT: 11.798 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

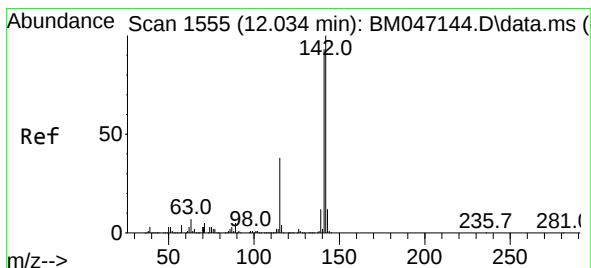
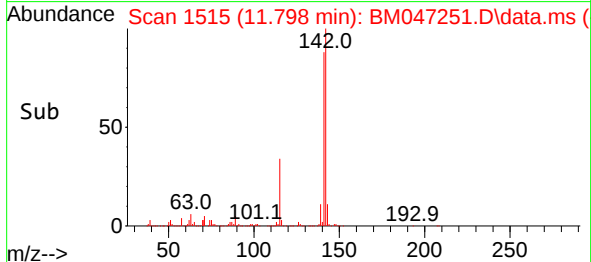
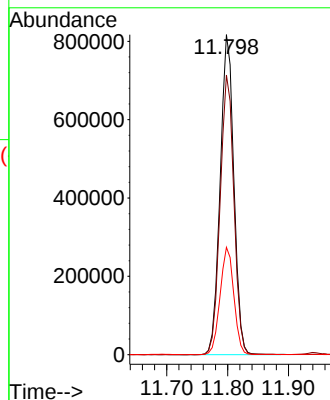
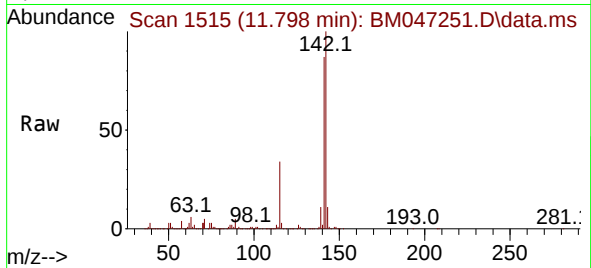
Tgt Ion:142 Resp: 1272582

Ion Ratio Lower Upper

142 100

141 87.4 70.9 106.3

115 33.5 28.7 43.1



#38

1-Methylnaphthalene

Concen: 42.764 ng

RT: 12.022 min Scan# 1553

Delta R.T. -0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

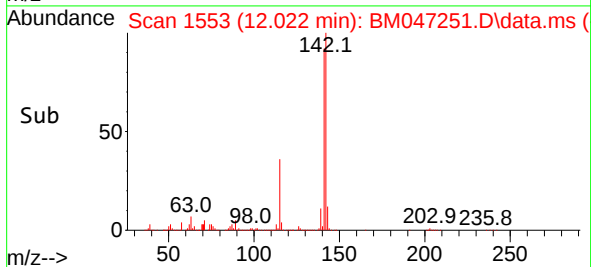
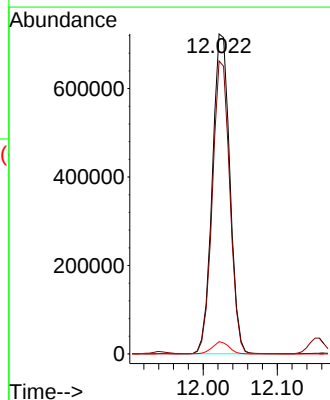
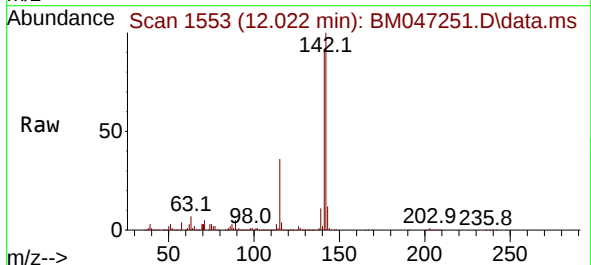
Tgt Ion:142 Resp: 1186326

Ion Ratio Lower Upper

142 100

141 91.6 74.6 111.8

116 3.9 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: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

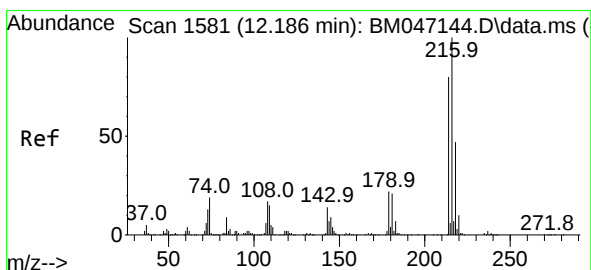
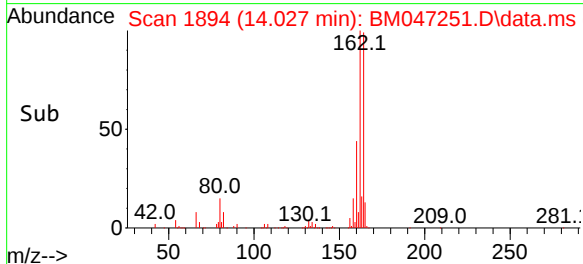
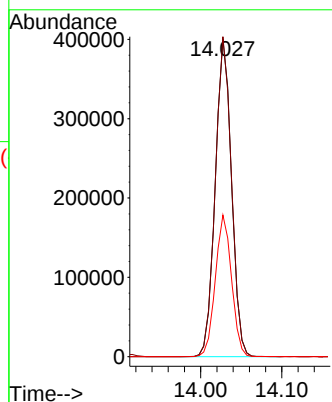
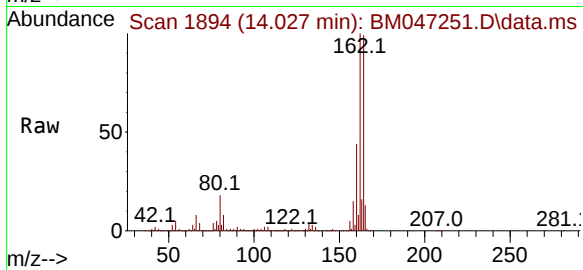
Tgt Ion:164 Resp: 557332

Ion Ratio Lower Upper

164 100

162 100.8 80.7 121.1

160 44.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.673 ng

RT: 12.186 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Tgt Ion:216 Resp: 663901

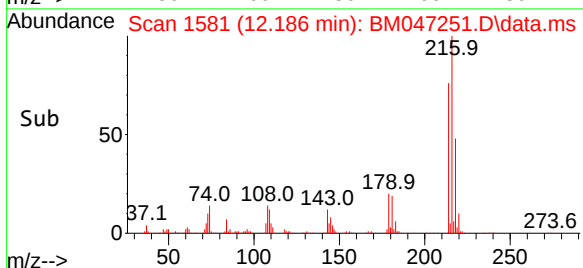
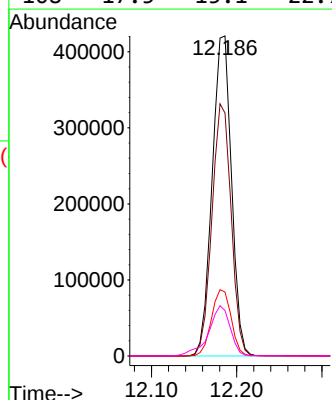
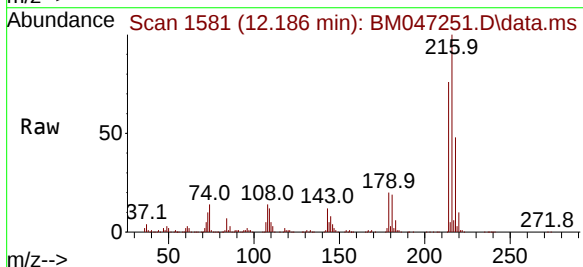
Ion Ratio Lower Upper

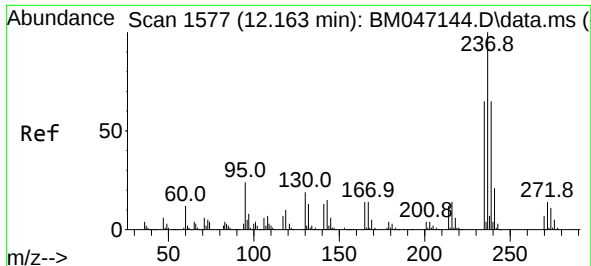
216 100

214 78.3 63.4 95.2

179 21.1 17.6 26.4

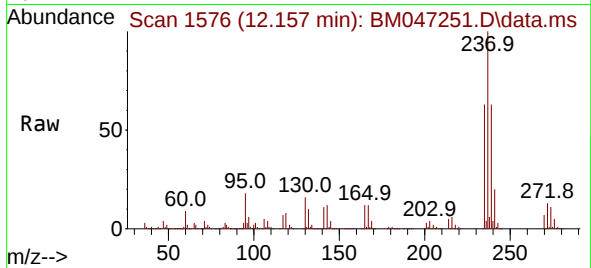
108 17.5 15.1 22.7



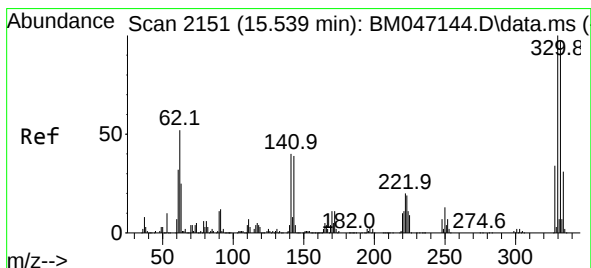
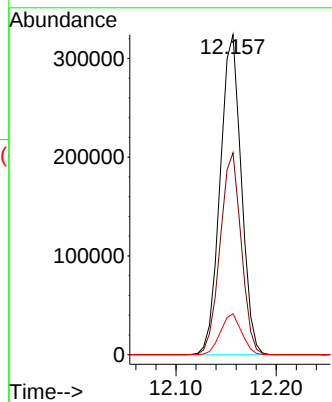
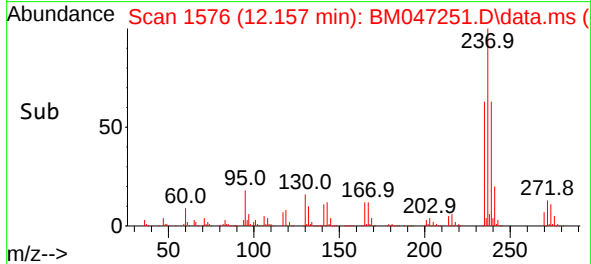


#41
Hexachlorocyclopentadiene
Concen: 89.192 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

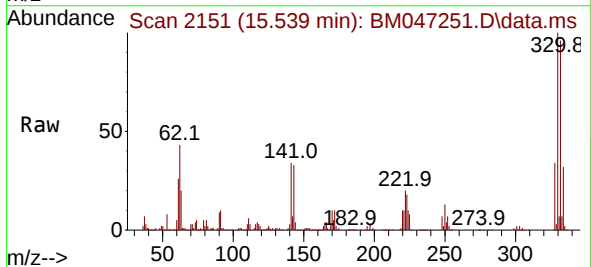
Instrument :
BNA_M
ClientSampleId :
PB162757BSD



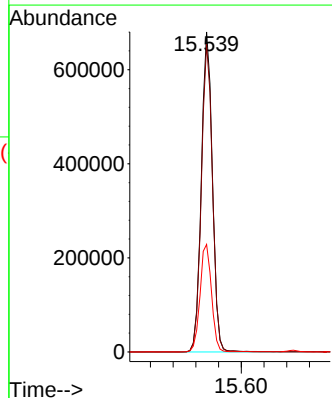
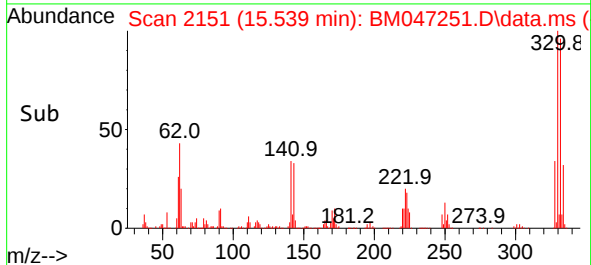
Tgt Ion:237 Resp: 473446
Ion Ratio Lower Upper
237 100
235 63.1 44.8 84.8
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 142.405 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42



Tgt Ion:330 Resp: 920269
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 35.0 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 50.113 ng

RT: 12.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

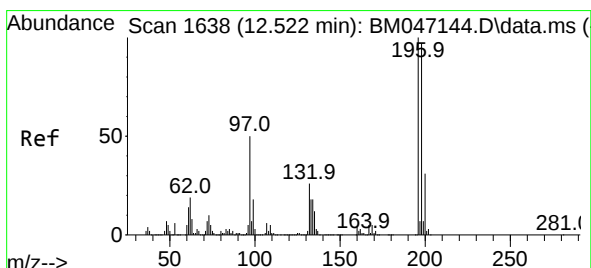
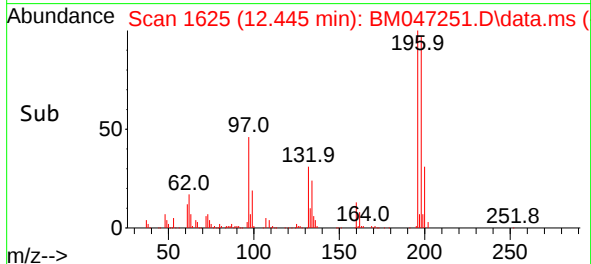
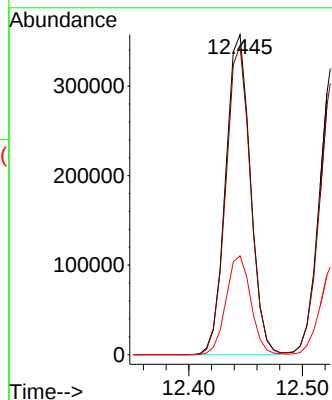
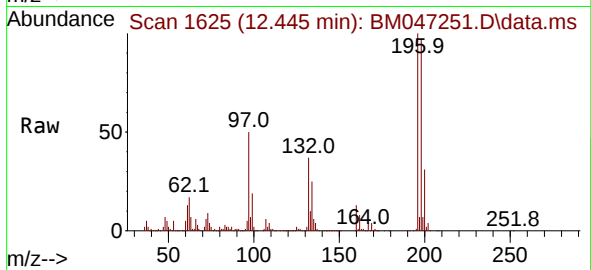
Tgt Ion:196 Resp: 541460

Ion Ratio Lower Upper

196 100

198 96.6 75.6 113.4

200 30.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 47.326 ng

RT: 12.527 min Scan# 1639

Delta R.T. 0.006 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Tgt Ion:196 Resp: 567752

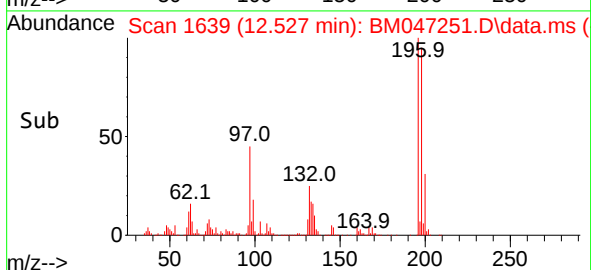
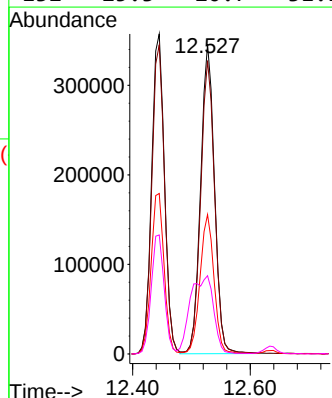
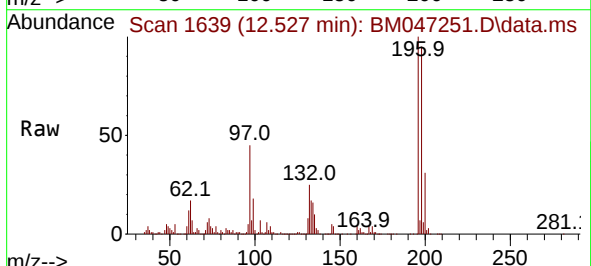
Ion Ratio Lower Upper

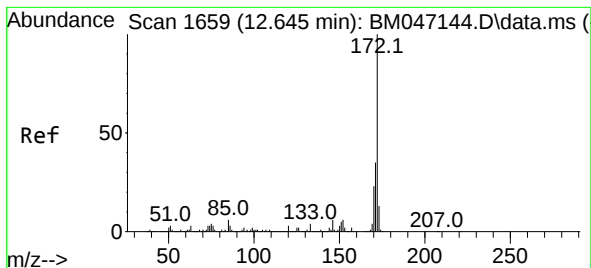
196 100

198 94.6 77.7 116.5

97 45.0 39.8 59.8

132 25.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 81.655 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

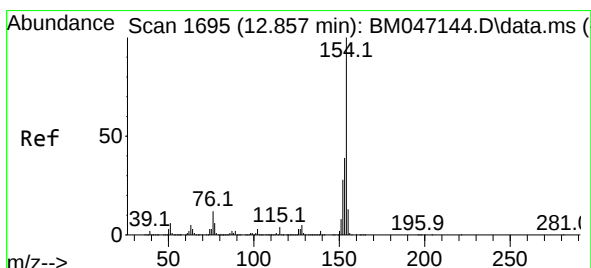
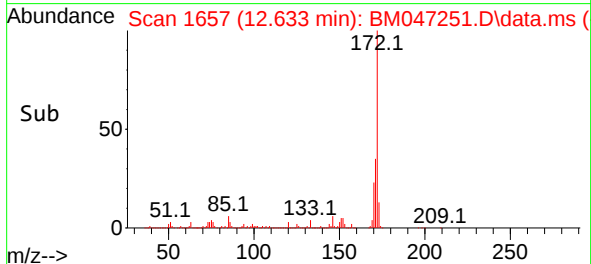
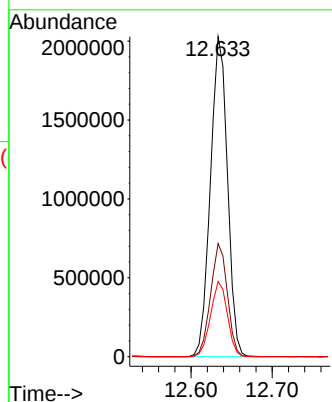
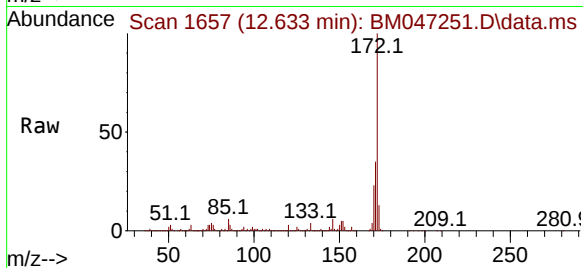
Tgt Ion:172 Resp: 2950276

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 39.974 ng

RT: 12.851 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

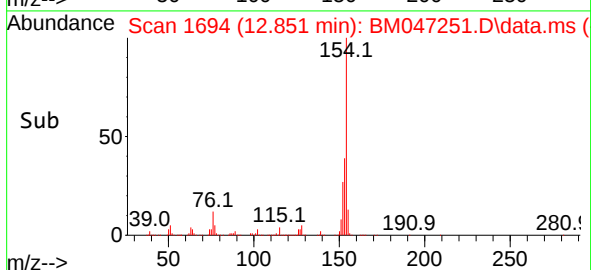
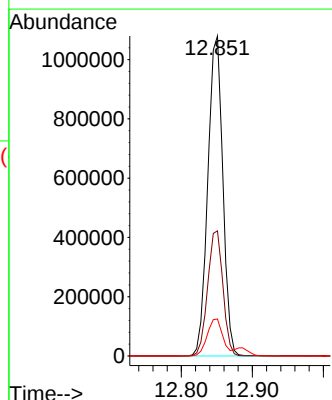
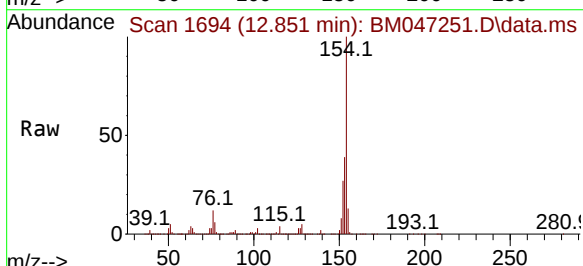
Tgt Ion:154 Resp: 1586071

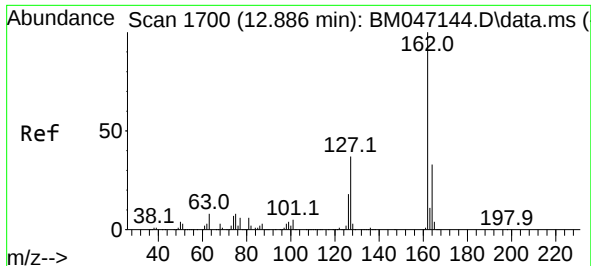
Ion Ratio Lower Upper

154 100

153 39.1 19.0 59.0

76 11.6 0.0 31.9

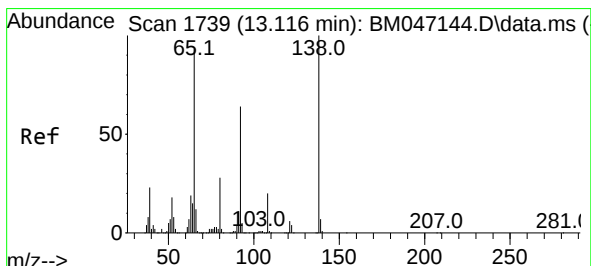
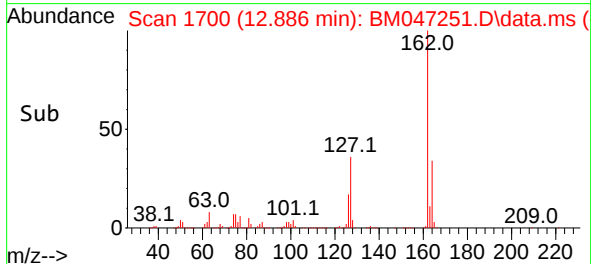
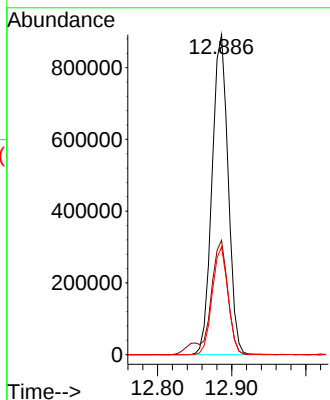
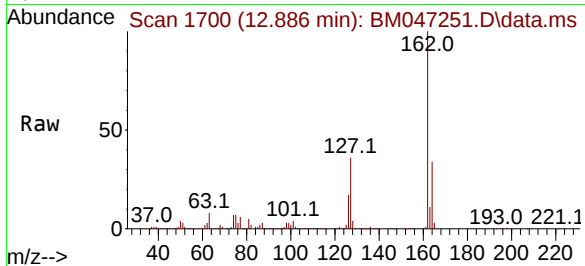




#47
2-Chloronaphthalene
Concen: 43.287 ng
RT: 12.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

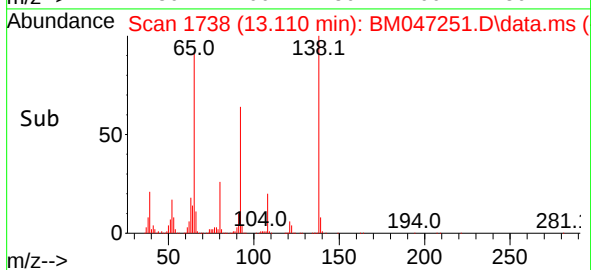
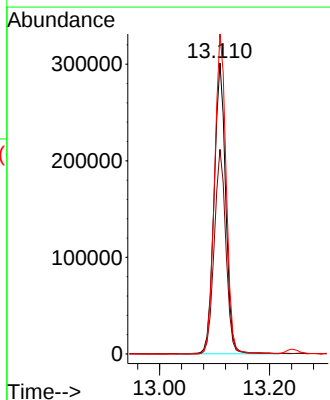
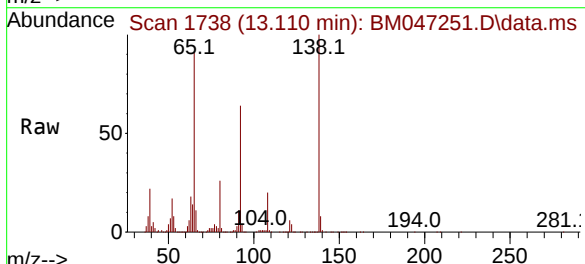
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

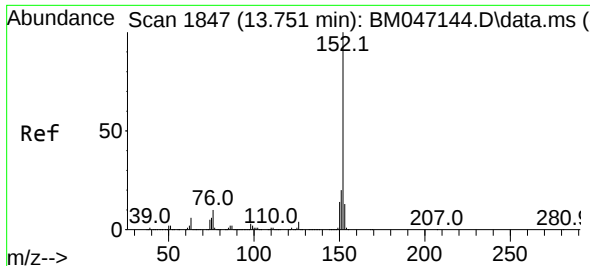
Tgt Ion:162 Resp: 1342415
Ion Ratio Lower Upper
162 100
127 35.8 30.0 45.0
164 33.7 26.3 39.5



#48
2-Nitroaniline
Concen: 45.696 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion: 65 Resp: 443955
Ion Ratio Lower Upper
65 100
92 70.3 55.1 82.7
138 110.0 85.9 128.9

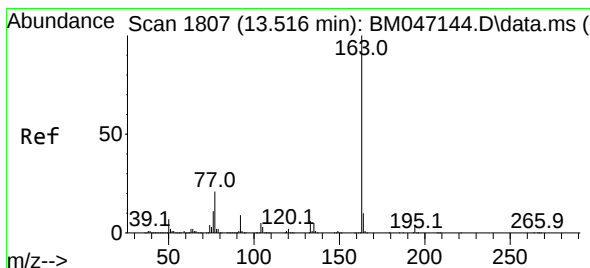
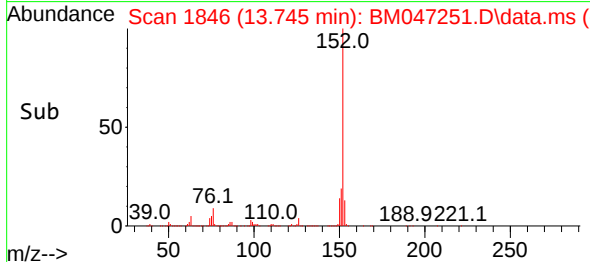
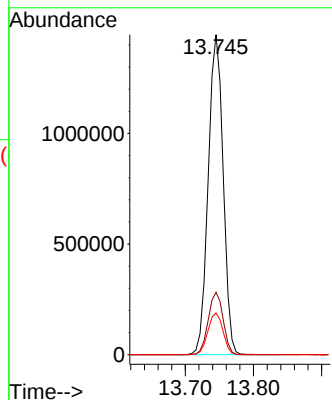
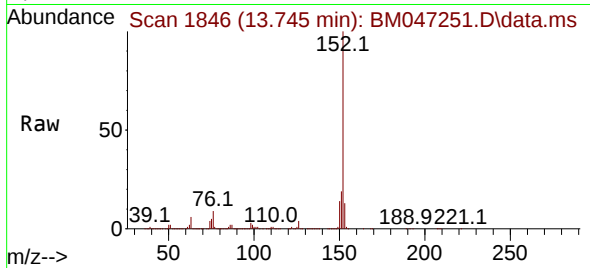




#49
Acenaphthylene
Concen: 48.232 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

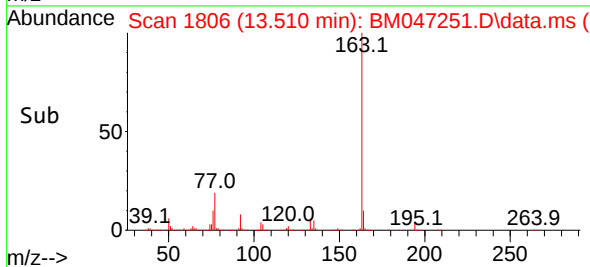
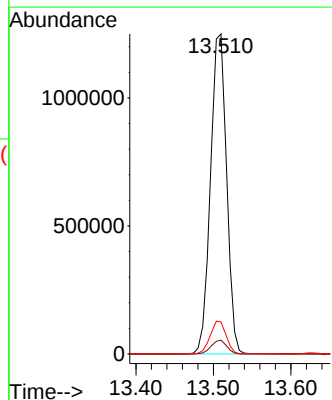
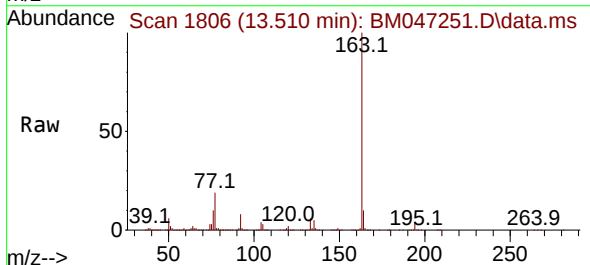
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

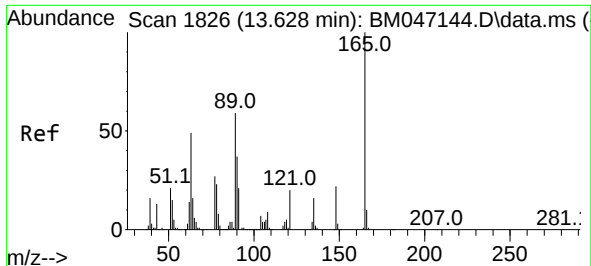
Tgt Ion:152 Resp: 2204793
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 46.388 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:163 Resp: 1805626
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.0 8.0 12.0

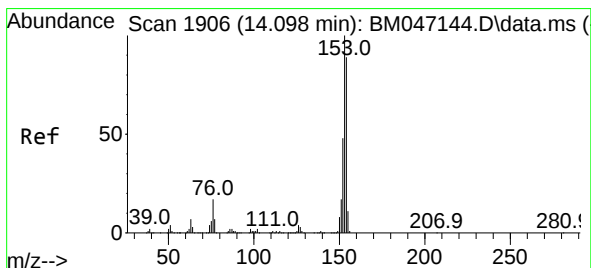
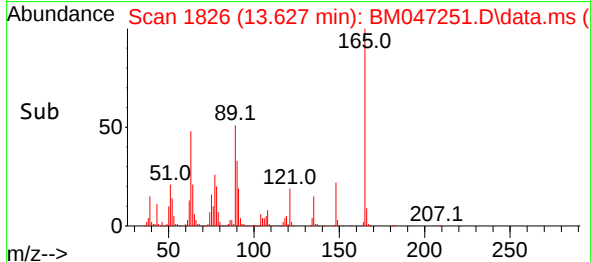
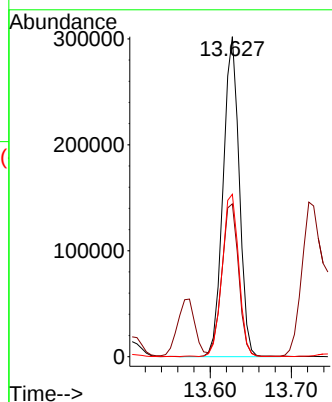
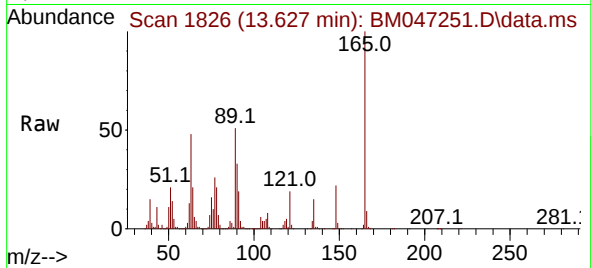




#51
2,6-Dinitrotoluene
Concen: 45.799 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

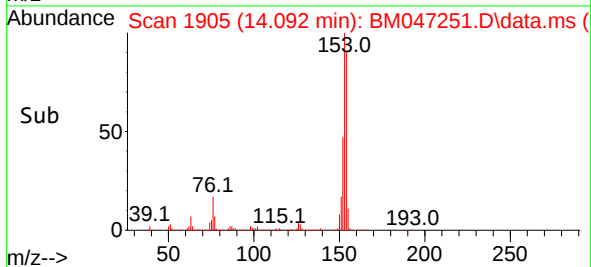
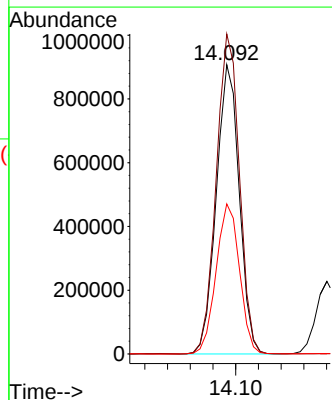
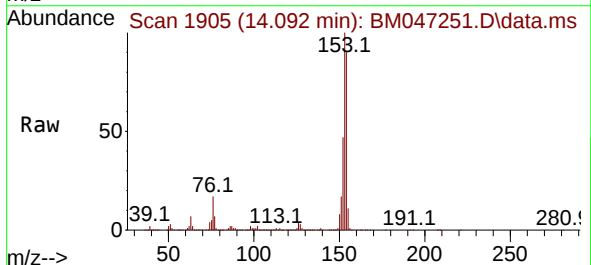
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

Tgt Ion:165 Resp: 416728
Ion Ratio Lower Upper
165 100
63 47.7 46.5 69.7
89 50.8 47.3 70.9



#52
Acenaphthene
Concen: 43.979 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:154 Resp: 1275241
Ion Ratio Lower Upper
154 100
153 110.6 90.3 135.5
152 51.9 42.9 64.3

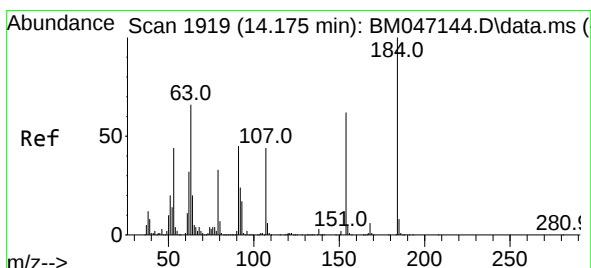
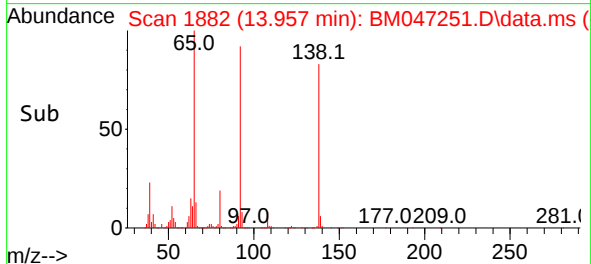
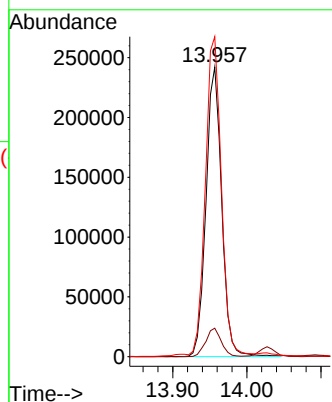
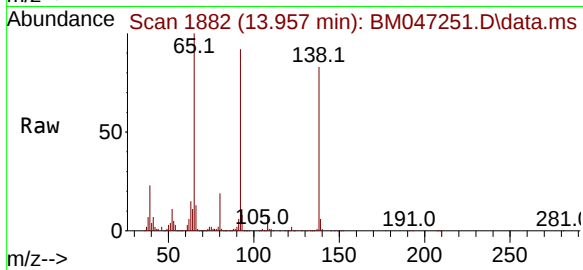




#53
3-Nitroaniline
Concen: 39.163 ng
RT: 13.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

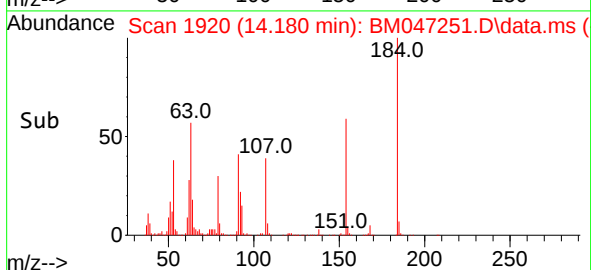
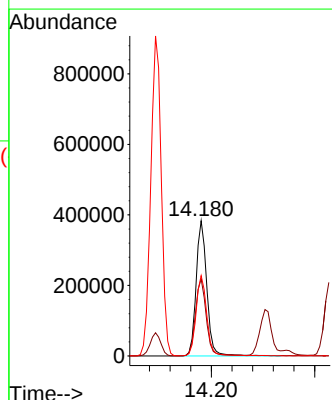
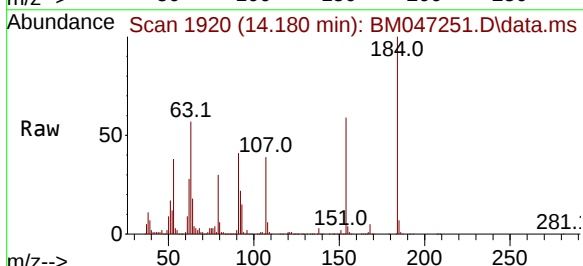
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

Tgt Ion:138 Resp: 357076
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 110.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 101.021 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.005 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:184 Resp: 550923
Ion Ratio Lower Upper
184 100
63 56.9 52.7 79.1
154 59.5 50.4 75.6

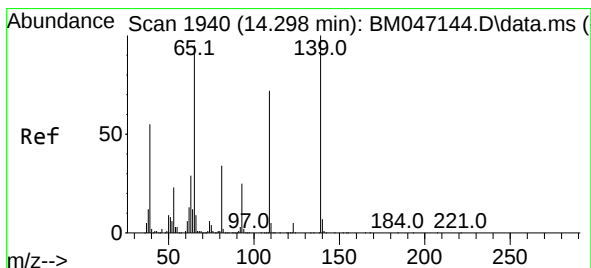
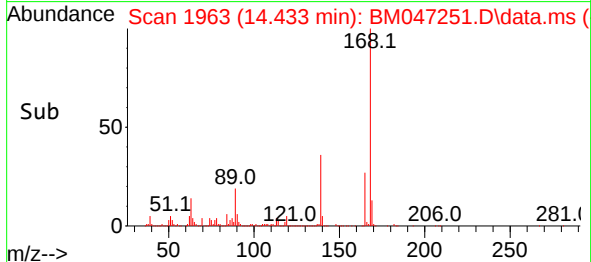
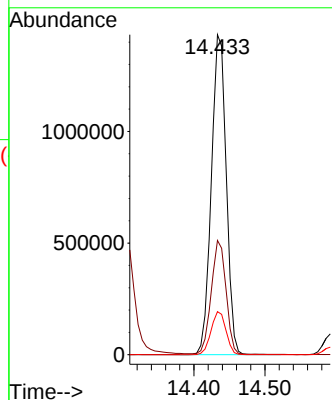
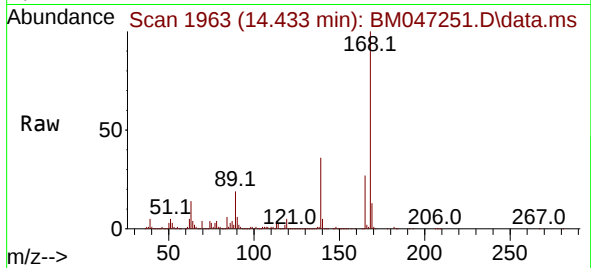




#55
Dibenzofuran
Concen: 45.567 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

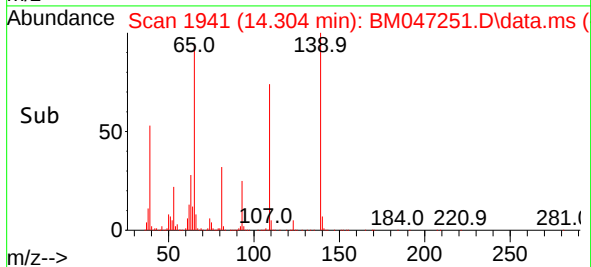
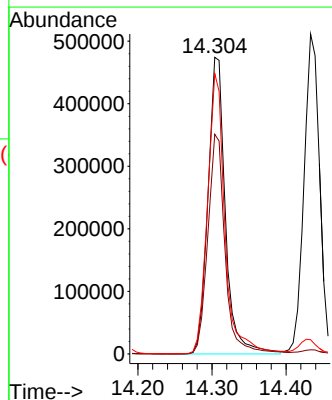
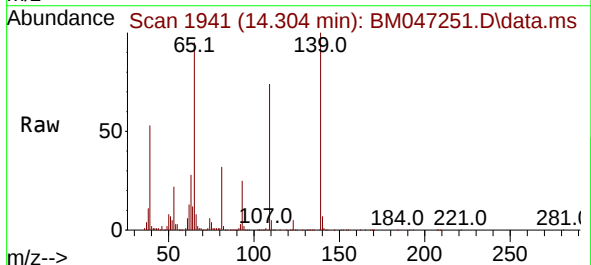
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

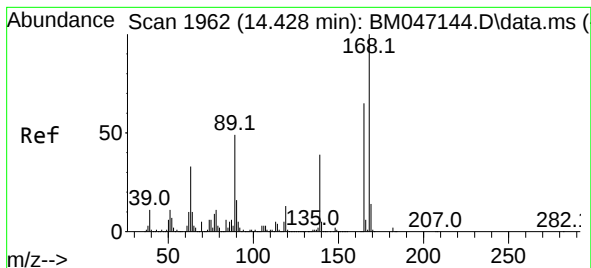
Tgt Ion:168 Resp: 2087079
Ion Ratio Lower Upper
168 100
139 35.7 29.6 44.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 98.507 ng
RT: 14.304 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:139 Resp: 774486
Ion Ratio Lower Upper
139 100
109 74.1 52.5 92.5
65 94.5 75.4 115.4

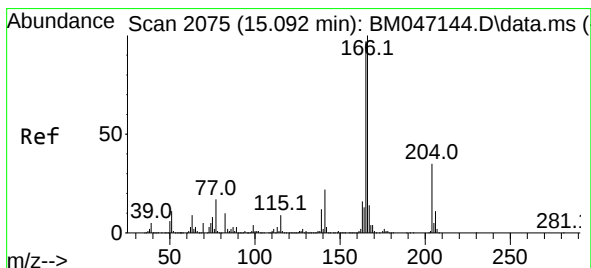
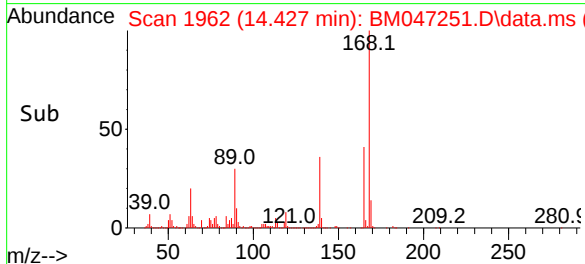
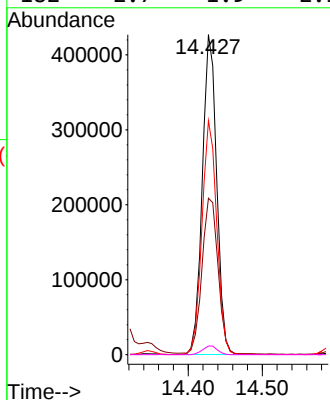
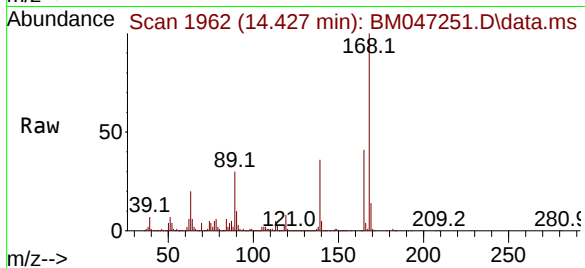




#57
2,4-Dinitrotoluene
Concen: 47.256 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

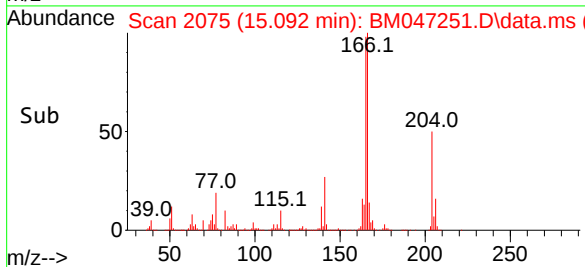
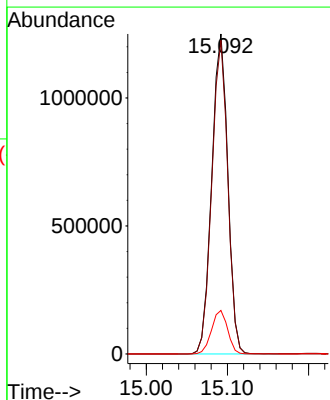
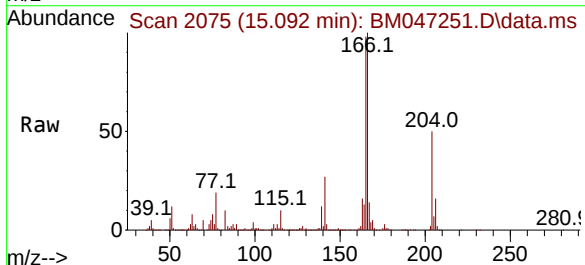
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

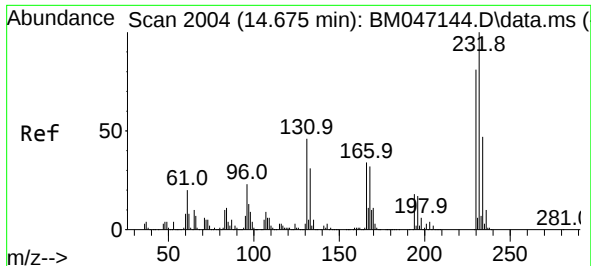
Tgt Ion:	165	Resp:	573934
Ion	Ratio	Lower	Upper
165	100		
63	48.9	40.3	60.5
89	73.1	61.0	91.6
182	2.7	1.9	2.9



#58
Fluorene
Concen: 45.466 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:	166	Resp:	1718229
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.4	116.0
167	13.6	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.688 ng

RT: 14.674 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

Tgt Ion:232 Resp: 529330

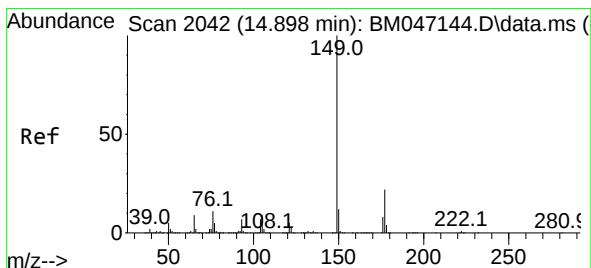
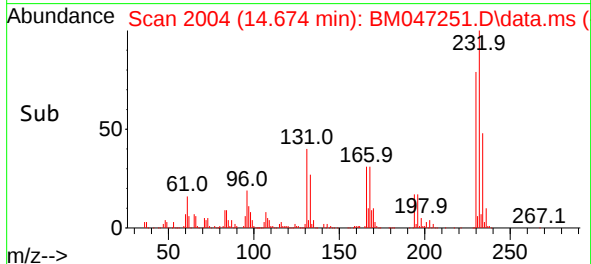
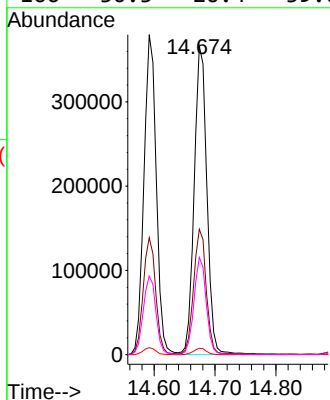
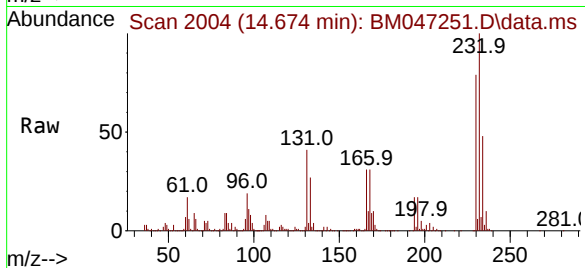
Ion Ratio Lower Upper

232 100

131 39.9 36.9 55.3

130 2.1 2.0 3.0

166 30.3 26.4 39.6



#60

Diethylphthalate

Concen: 45.752 ng

RT: 14.892 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

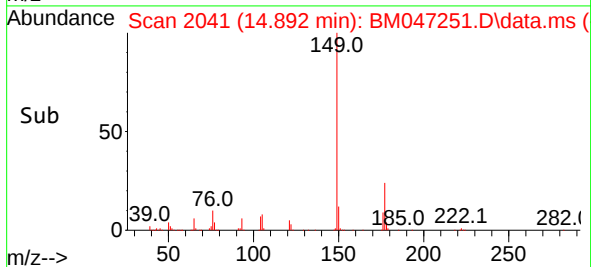
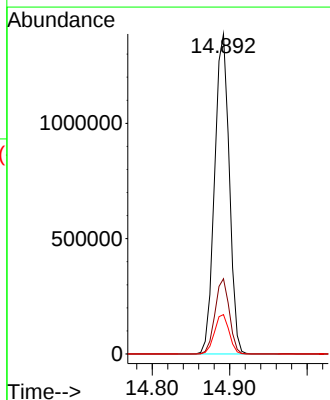
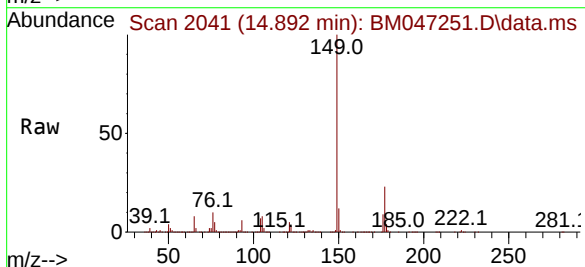
Tgt Ion:149 Resp: 1818603

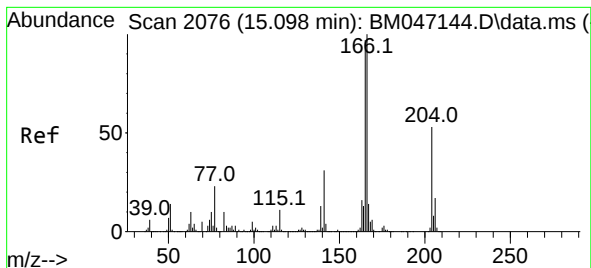
Ion Ratio Lower Upper

149 100

177 23.5 17.6 26.4

150 12.3 9.8 14.6

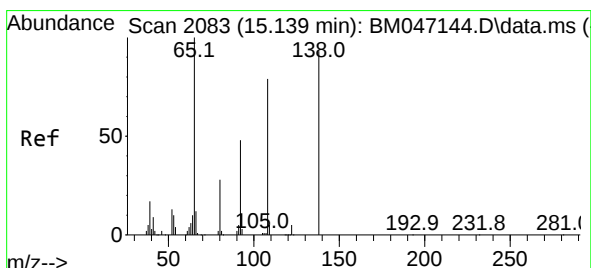
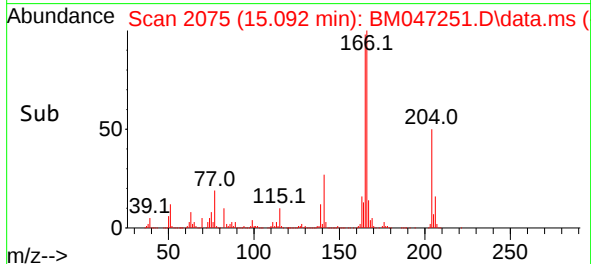
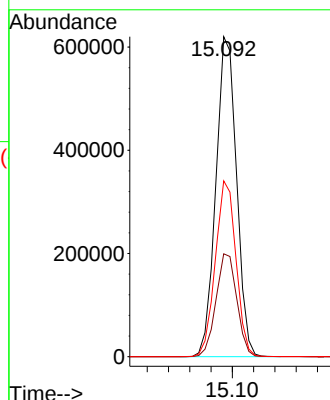
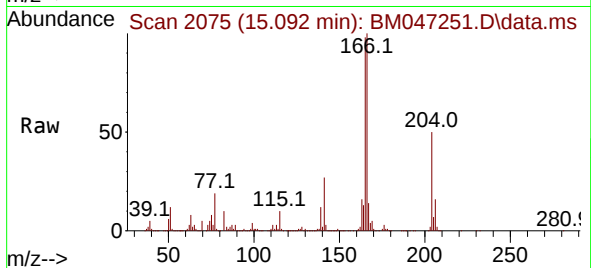




#61
4-Chlorophenyl-phenylether
Concen: 46.392 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

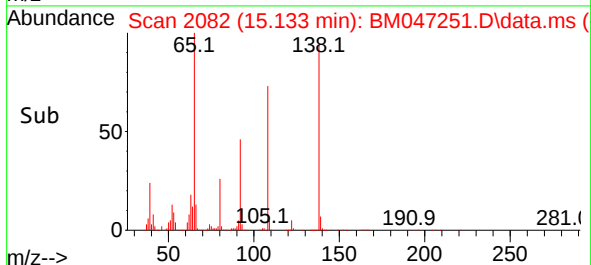
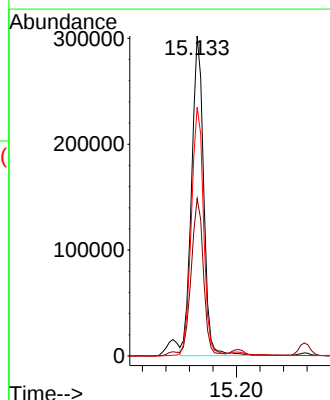
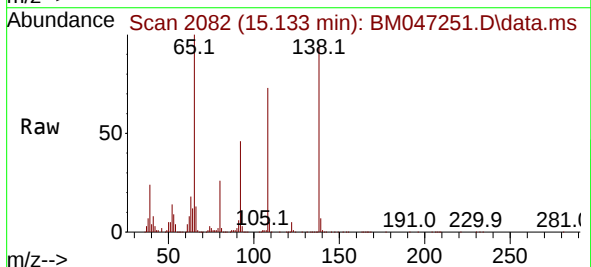
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

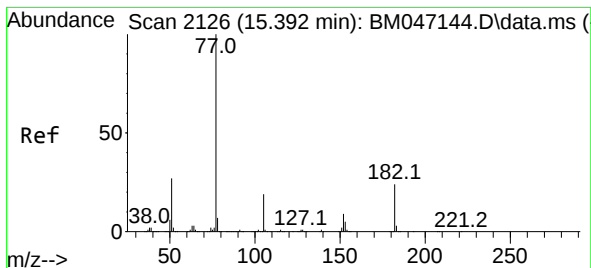
Tgt Ion:204 Resp: 834673
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 54.9 47.2 70.8



#62
4-Nitroaniline
Concen: 47.923 ng
RT: 15.133 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:138 Resp: 430471
Ion Ratio Lower Upper
138 100
92 49.2 31.9 71.9
108 77.7 63.8 103.8





#63

Azobenzene

Concen: 42.744 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

Tgt Ion: 77 Resp: 1610976

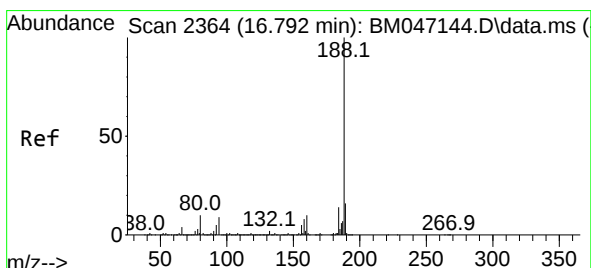
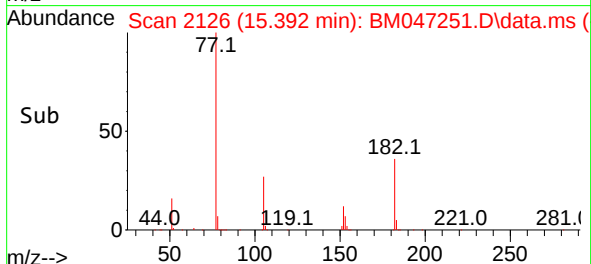
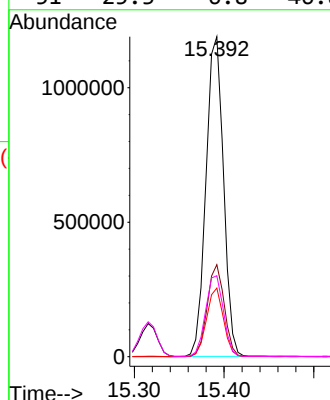
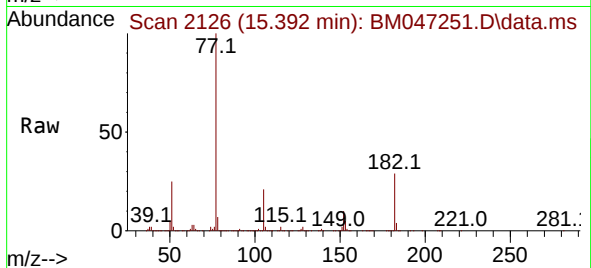
Ion Ratio Lower Upper

77 100

182 28.8 3.8 43.8

105 21.5 0.0 39.5

51 25.3 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: BM047251.D

Acq: 19 Aug 2024 13:42

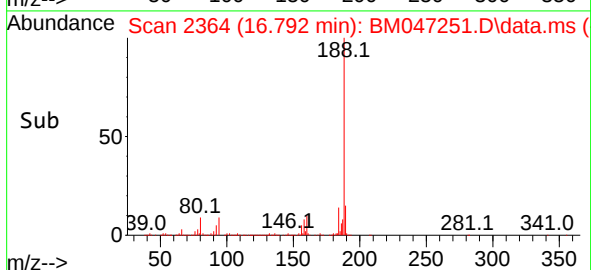
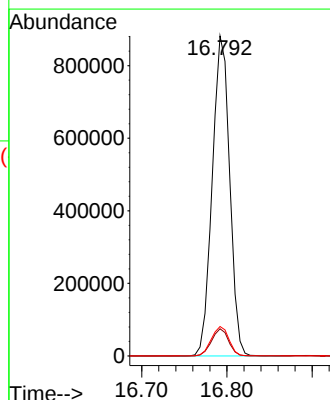
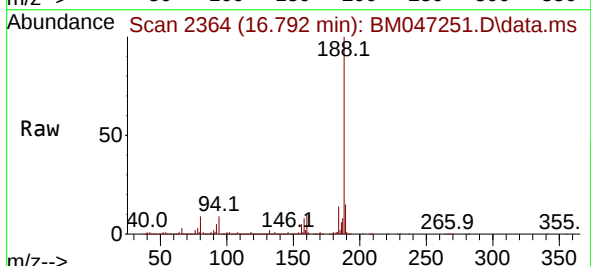
Tgt Ion:188 Resp: 1252425

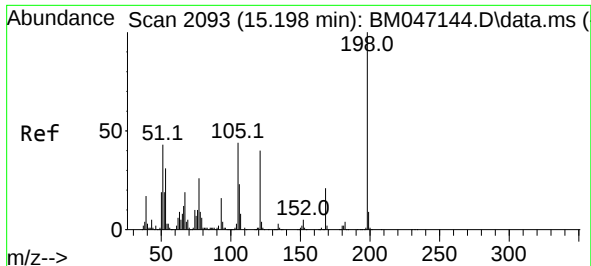
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.2 8.0 12.0

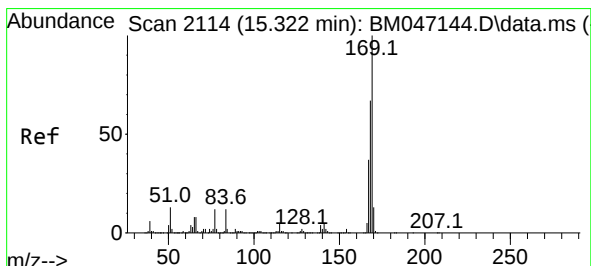
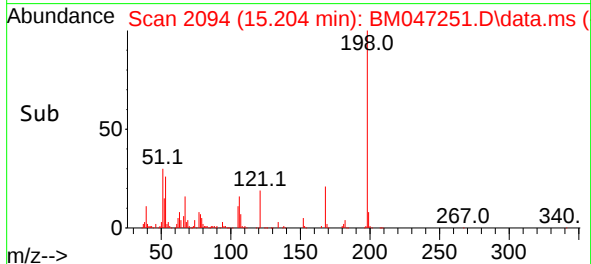
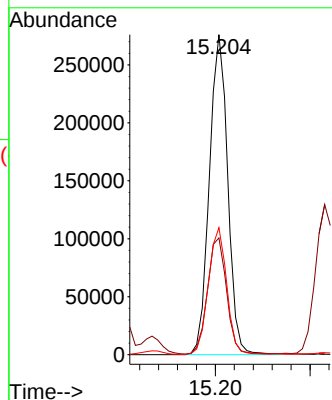
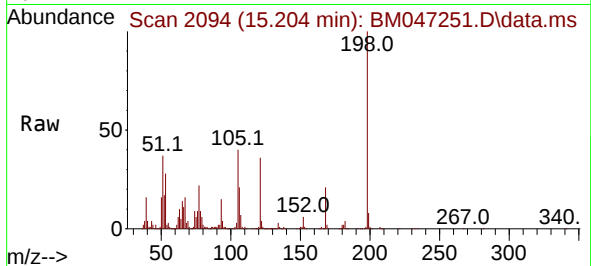




#65
4,6-Dinitro-2-methylphenol
Concen: 50.780 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

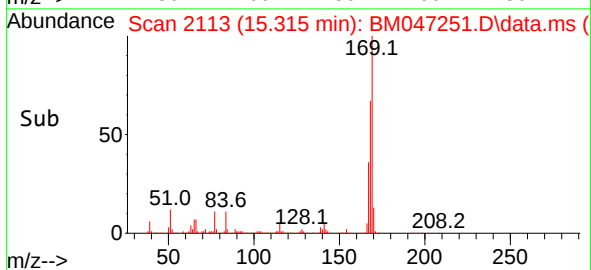
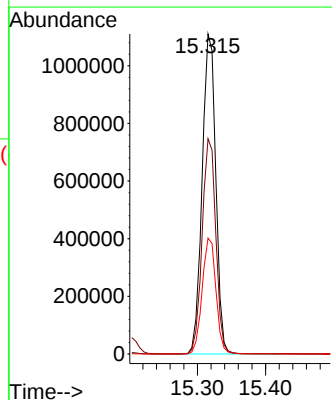
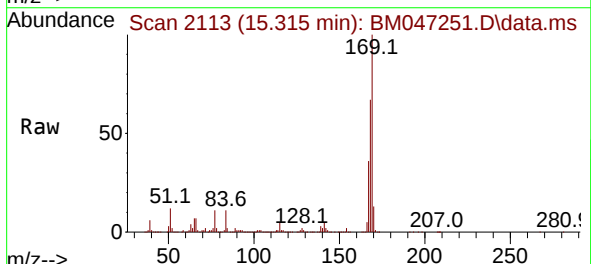
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

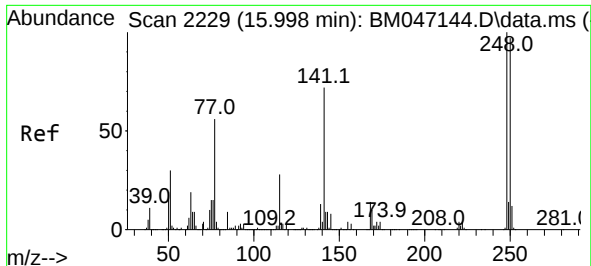
Tgt Ion:198 Resp: 372358
Ion Ratio Lower Upper
198 100
51 36.5 23.9 63.9
105 39.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 45.119 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:169 Resp: 1539154
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.8
167 36.2 29.3 43.9

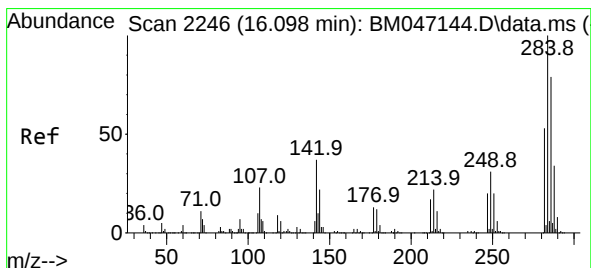
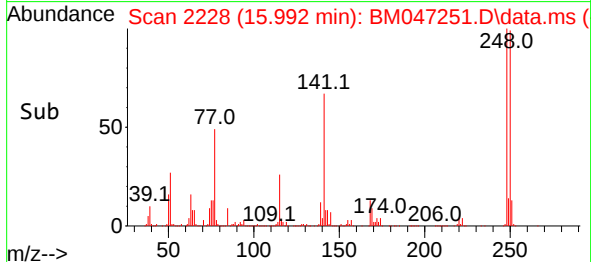
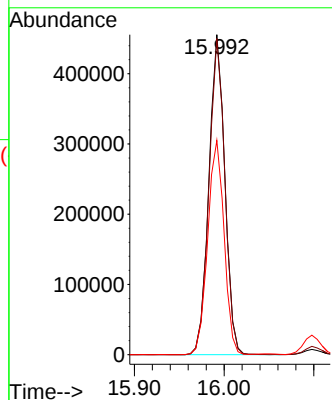
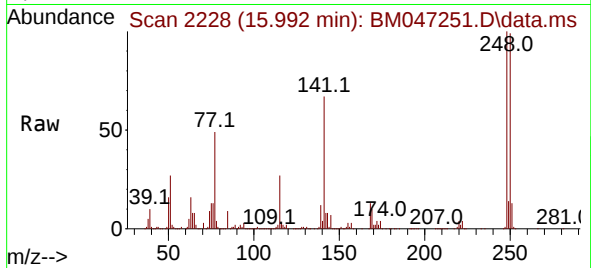




#67
4-Bromophenyl-phenylether
Concen: 46.609 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

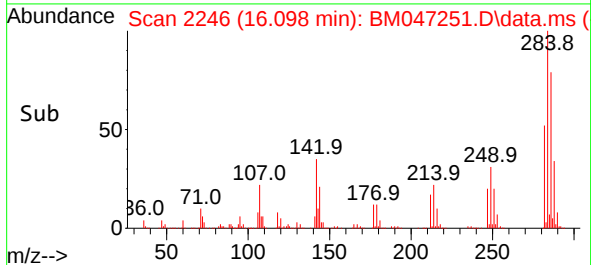
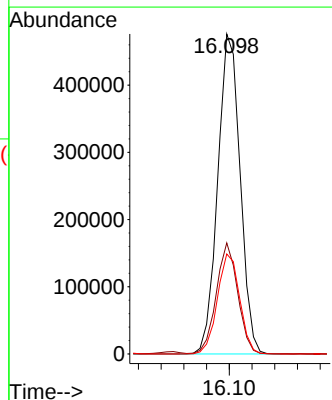
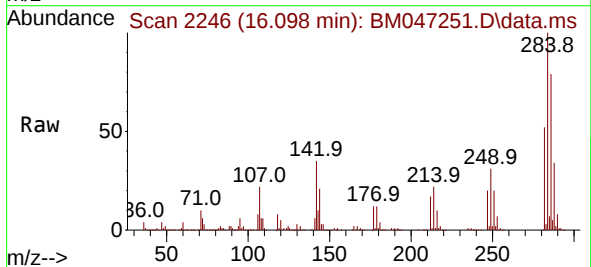
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

Tgt Ion:248 Resp: 562507
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 66.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 45.101 ng
RT: 16.098 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:284 Resp: 651895
Ion Ratio Lower Upper
284 100
142 34.7 29.4 44.0
249 31.3 25.1 37.7





#69

Atrazine

Concen: 50.312 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

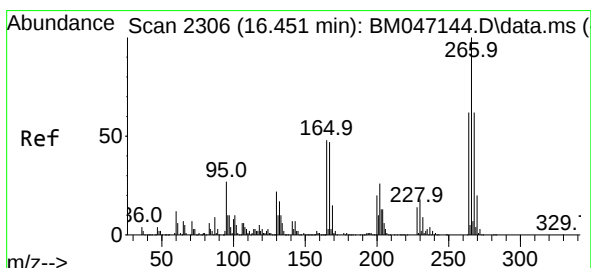
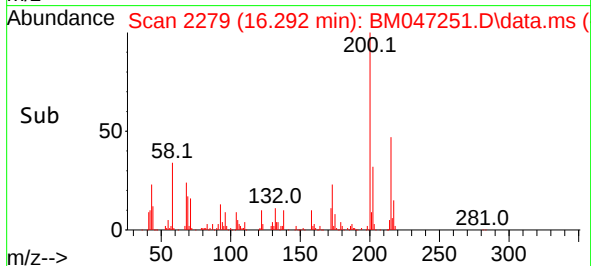
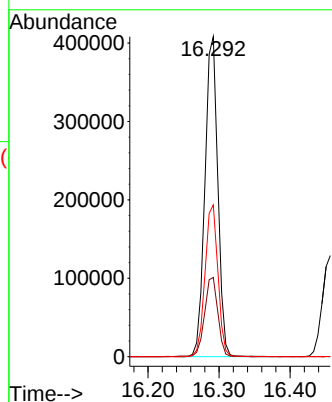
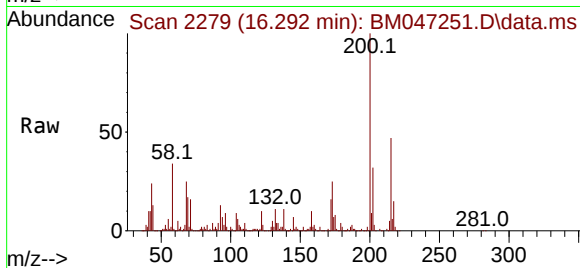
Tgt Ion:200 Resp: 516465

Ion Ratio Lower Upper

200 100

173 24.8 6.1 46.1

215 47.5 26.8 66.8



#70

Pentachlorophenol

Concen: 91.815 ng

RT: 16.457 min Scan# 2307

Delta R.T. 0.006 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

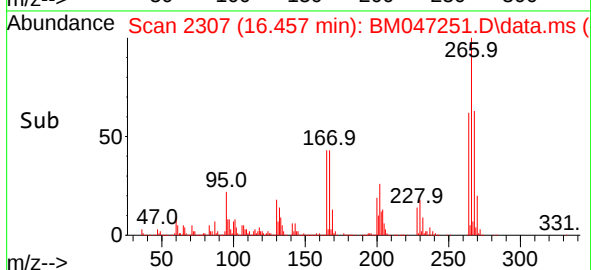
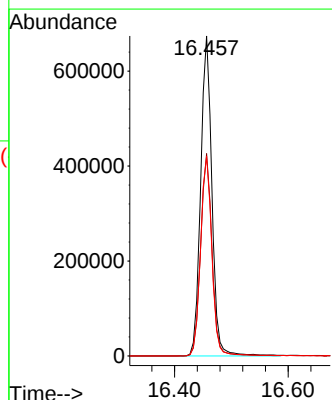
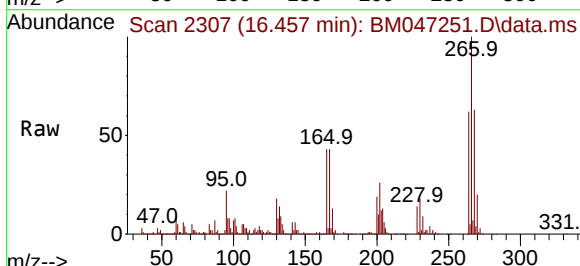
Tgt Ion:266 Resp: 930264

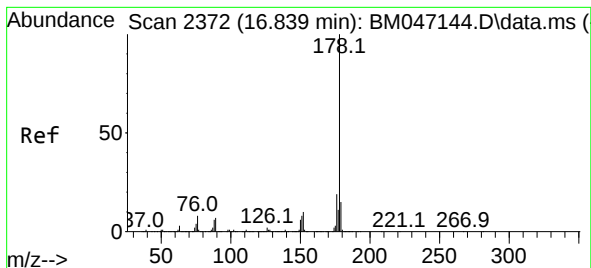
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.6

264 62.5 49.6 74.4

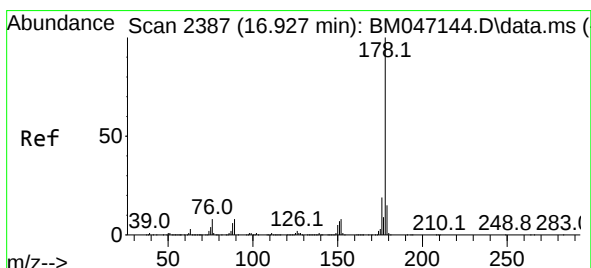
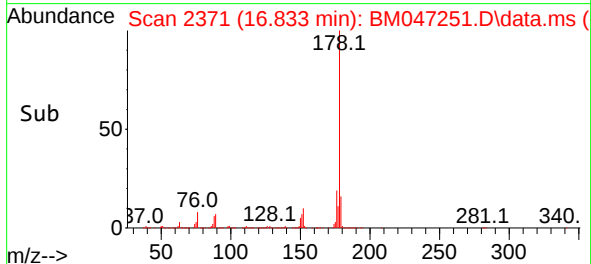
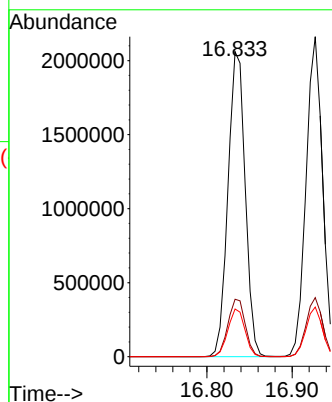
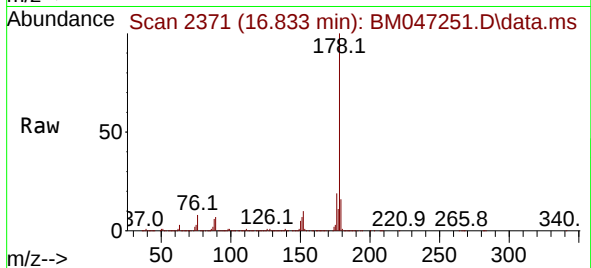




#71
Phenanthrene
Concen: 45.977 ng
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

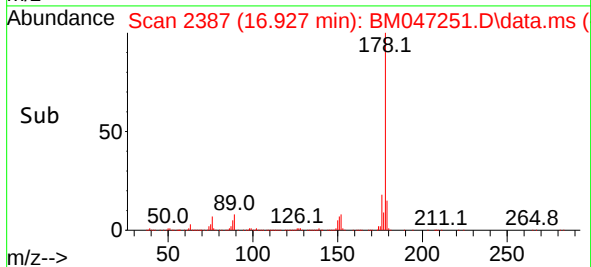
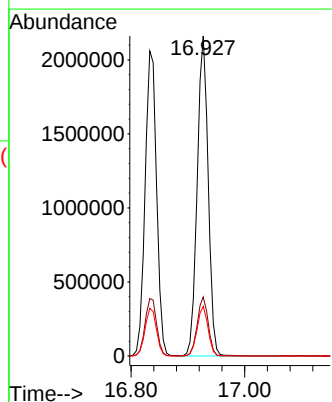
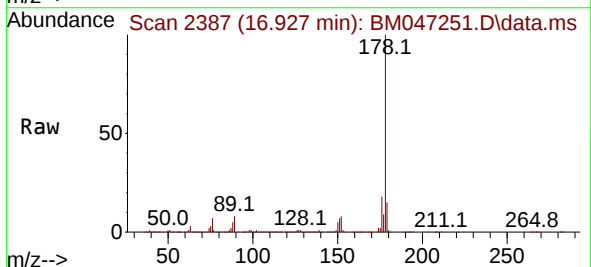
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

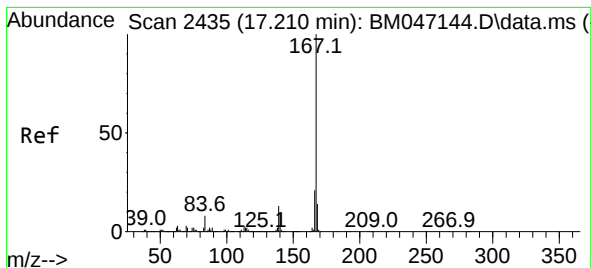
Tgt Ion:178 Resp: 2889868
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.7 12.4 18.6



#72
Anthracene
Concen: 47.580 ng
RT: 16.927 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:178 Resp: 2909916
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.617 ng

RT: 17.209 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

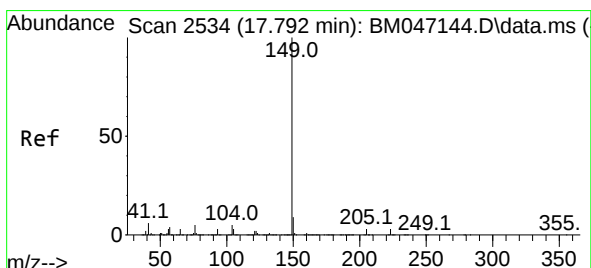
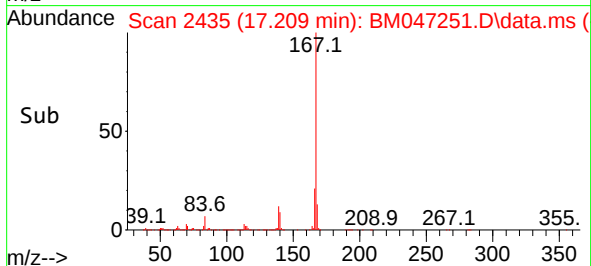
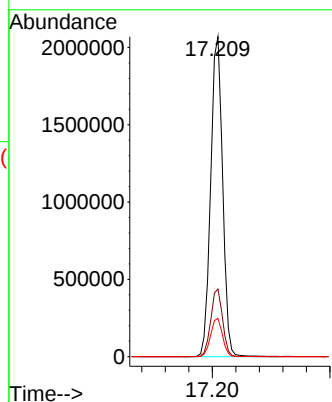
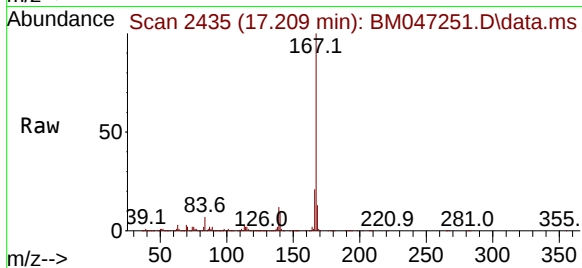
Tgt Ion:167 Resp: 2910966

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 12.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 46.385 ng

RT: 17.792 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

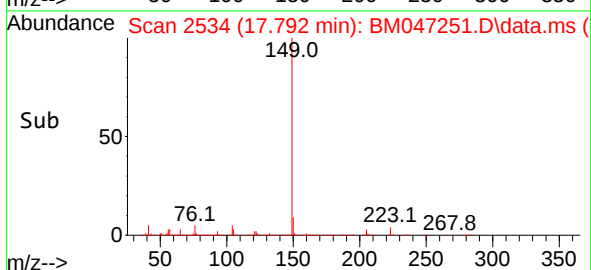
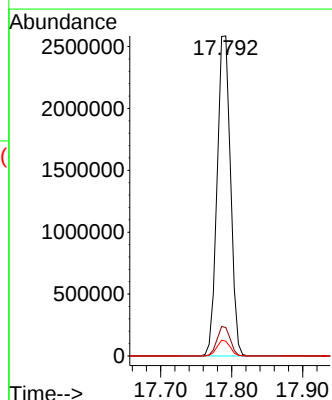
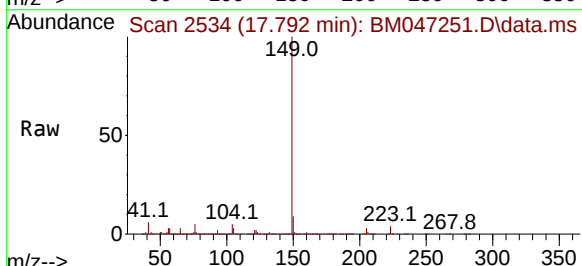
Tgt Ion:149 Resp: 3370294

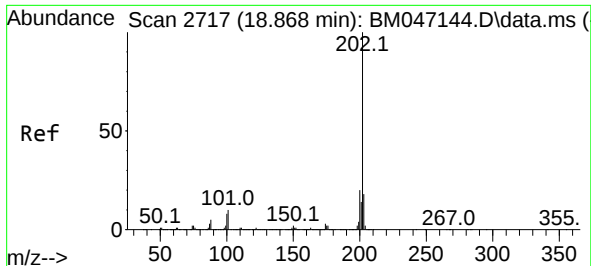
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 4.6 4.1 6.1

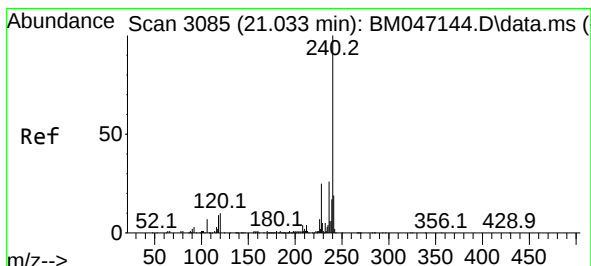
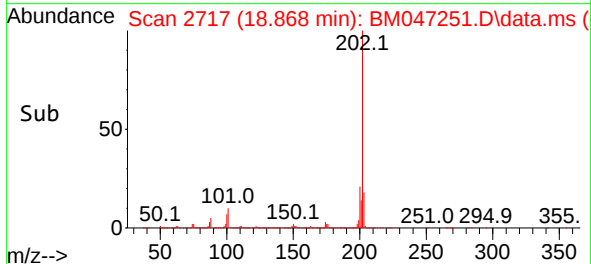
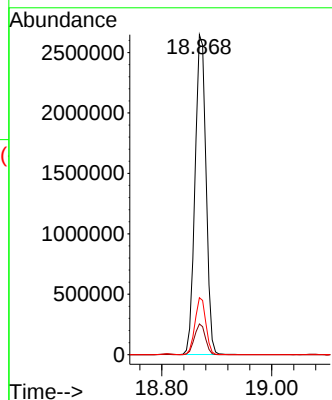
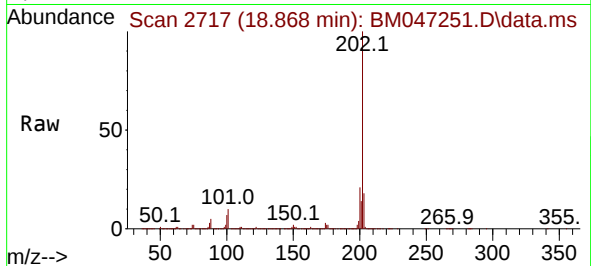




#75
Fluoranthene
Concen: 47.900 ng
RT: 18.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

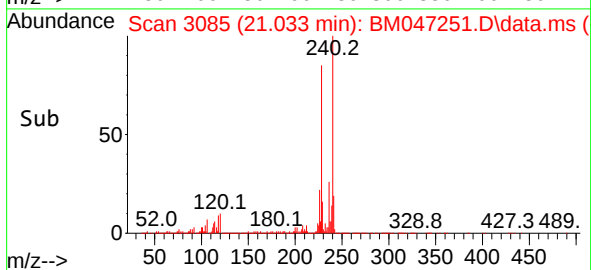
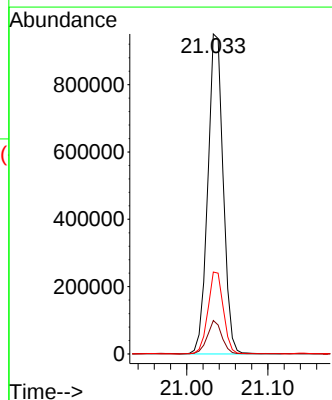
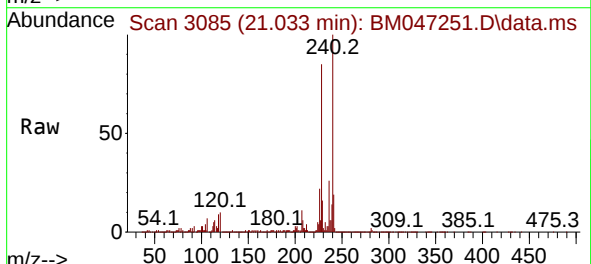
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

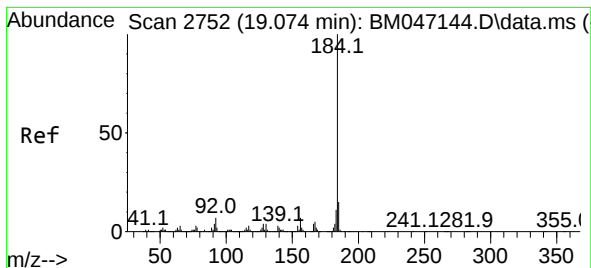
Tgt Ion:202 Resp: 3662035
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:240 Resp: 1245983
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.6 20.6 30.8





#77

Benzidine

Concen: 46.046 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

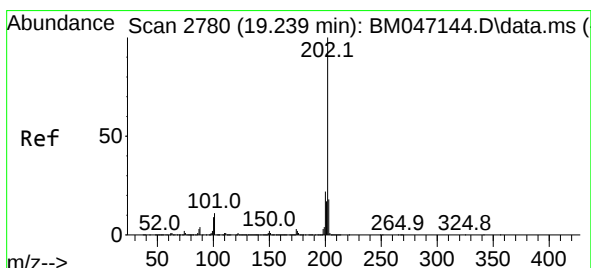
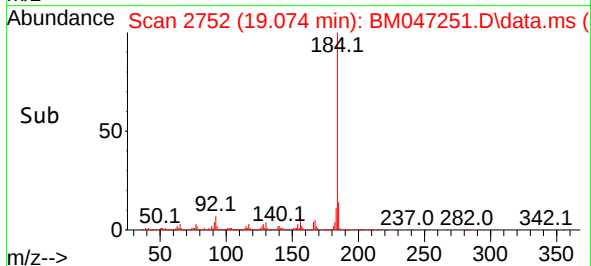
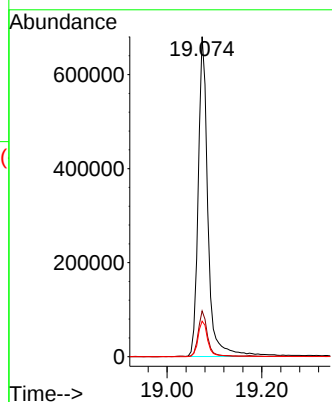
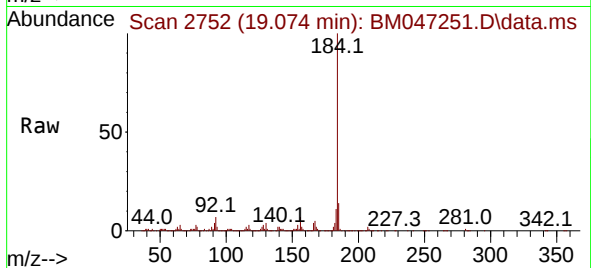
Tgt Ion:184 Resp: 972955

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

183 11.1 9.0 13.6



#78

Pyrene

Concen: 43.533 ng

RT: 19.239 min Scan# 2780

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

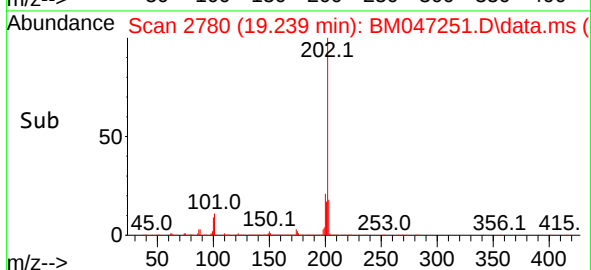
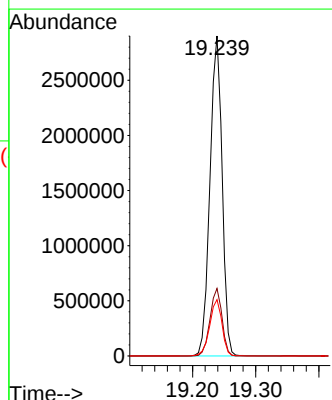
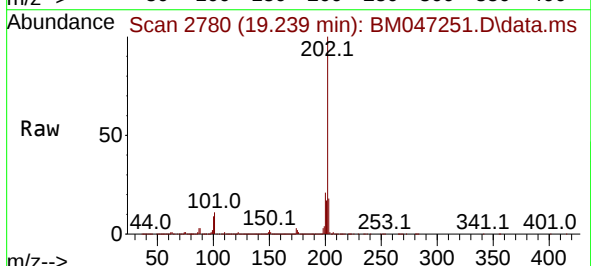
Tgt Ion:202 Resp: 3872962

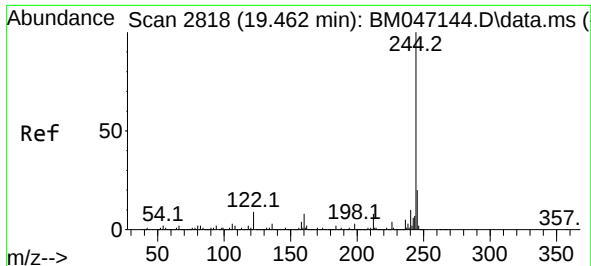
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.6 14.2 21.2

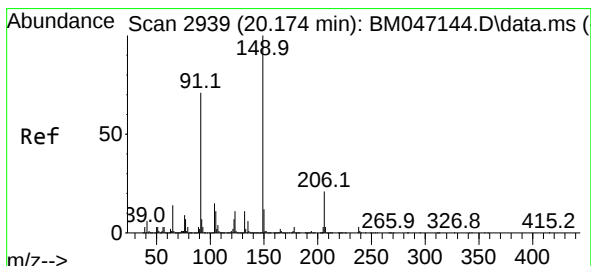
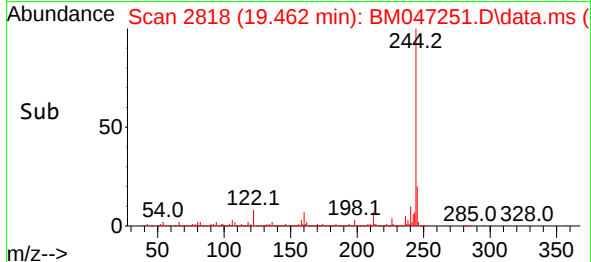
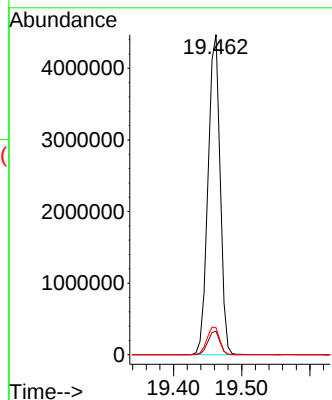
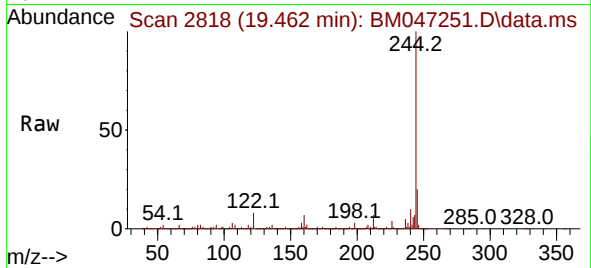




#79
 Terphenyl-d14
 Concen: 94.697 ng
 RT: 19.462 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047251.D
 Acq: 19 Aug 2024 13:42

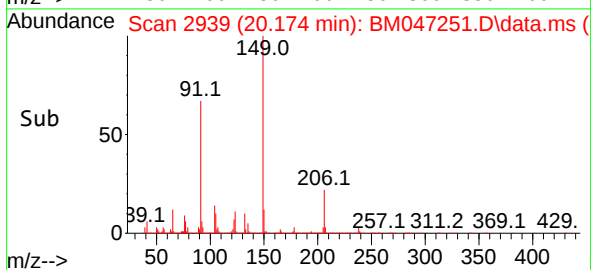
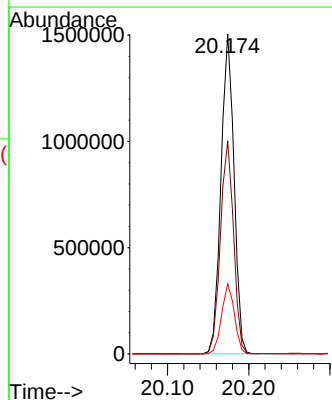
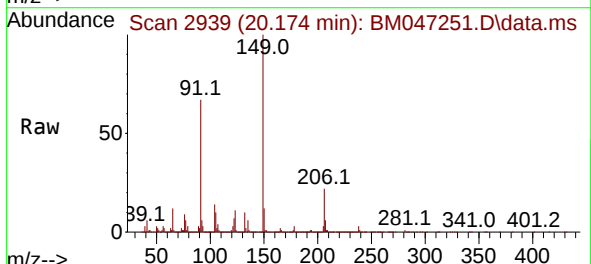
Instrument :
 BNA_M
 ClientSampleId :
 PB162757BSD

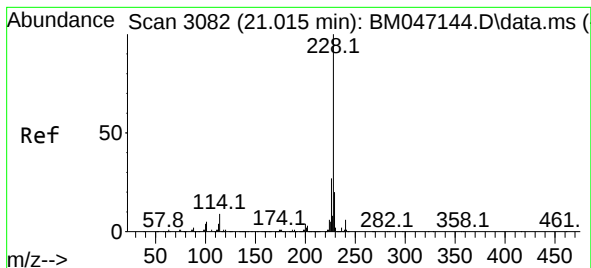
Tgt Ion:244 Resp: 5506473
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.4 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 46.426 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047251.D
 Acq: 19 Aug 2024 13:42

Tgt Ion:149 Resp: 1685588
 Ion Ratio Lower Upper
 149 100
 91 66.6 57.0 85.4
 206 21.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.203 ng

RT: 21.021 min Scan# 3083

Delta R.T. 0.006 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

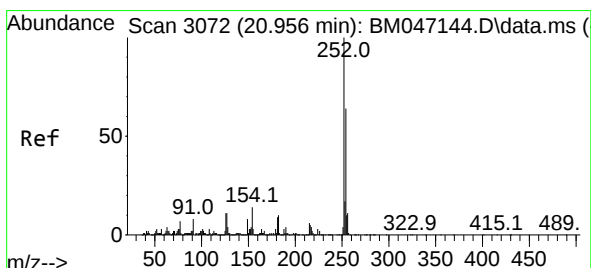
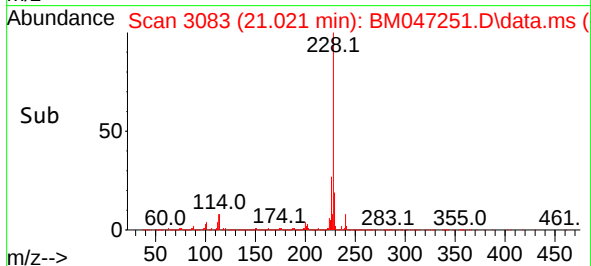
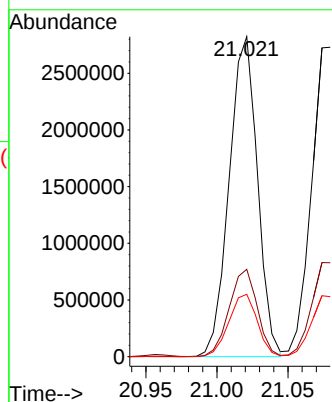
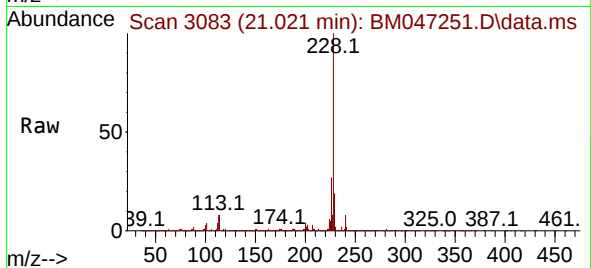
Tgt Ion:228 Resp: 3904446

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 48.982 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

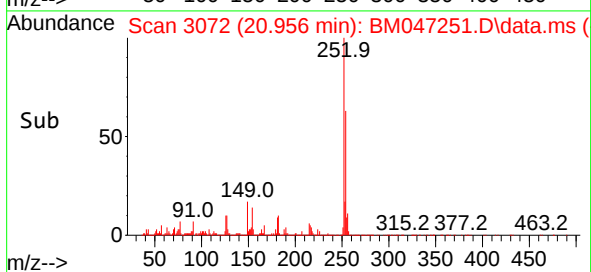
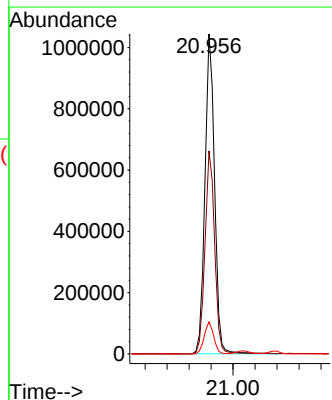
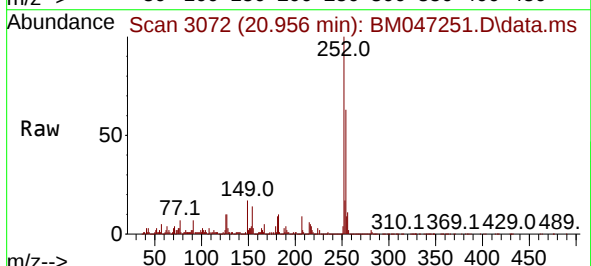
Tgt Ion:252 Resp: 1267661

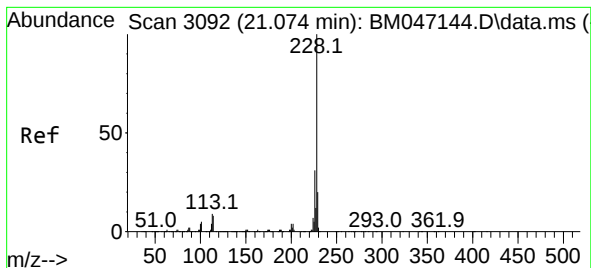
Ion Ratio Lower Upper

252 100

254 63.4 51.0 76.6

126 10.0 8.5 12.7





#83

Chrysene

Concen: 46.734 ng

RT: 21.080 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

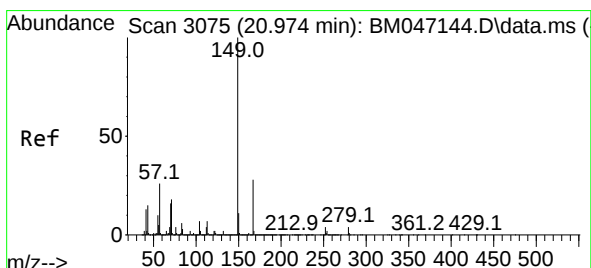
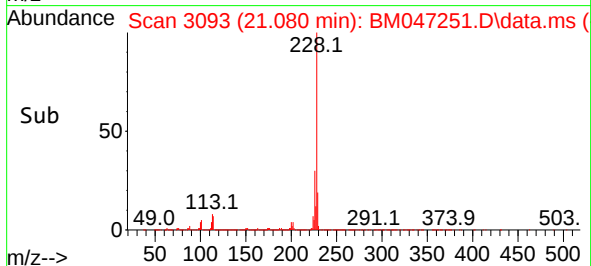
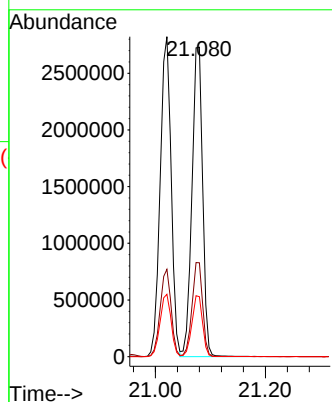
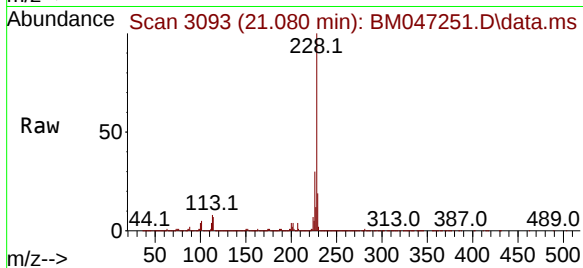
Tgt Ion:228 Resp: 3667613

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.786 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

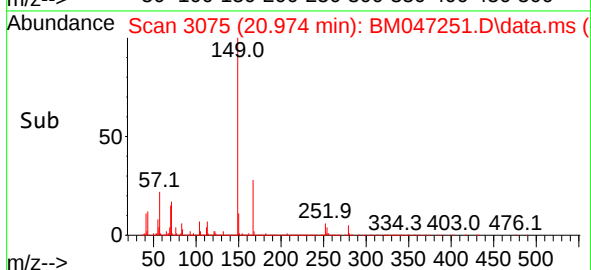
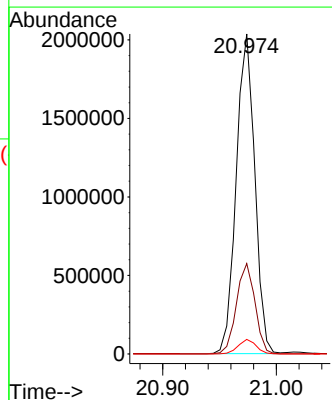
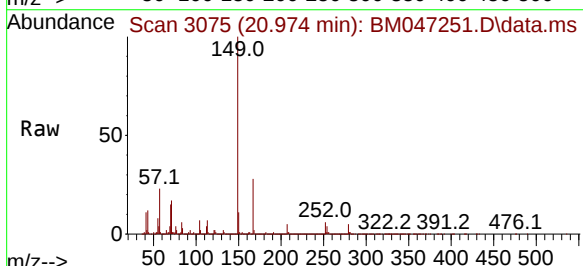
Tgt Ion:149 Resp: 2306020

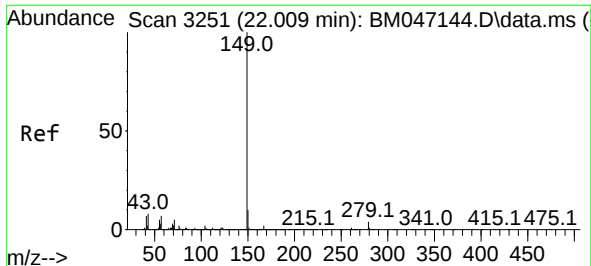
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

279 4.6 3.0 4.4#

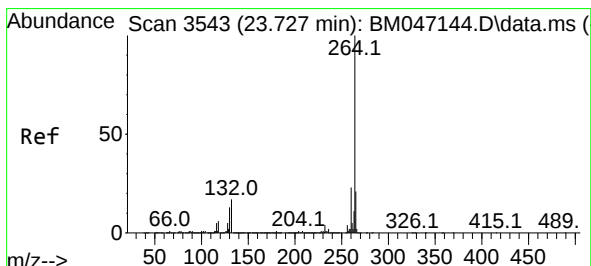
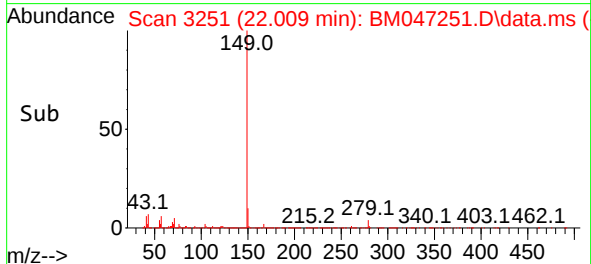
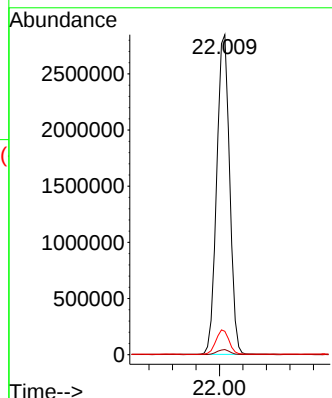
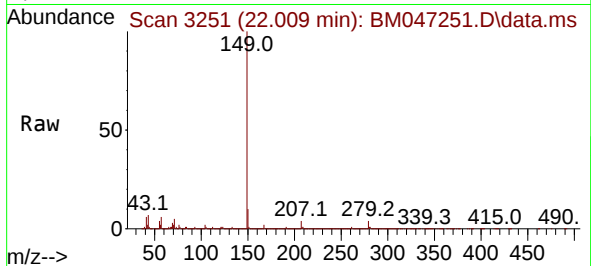




#85
Di-n-octyl phthalate
Concen: 49.582 ng
RT: 22.009 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

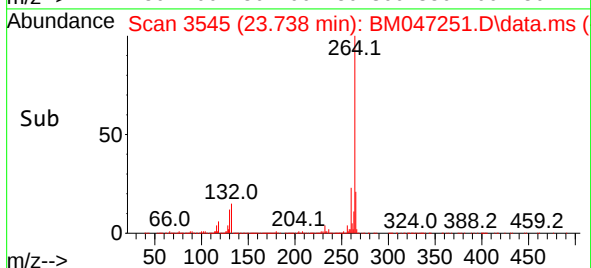
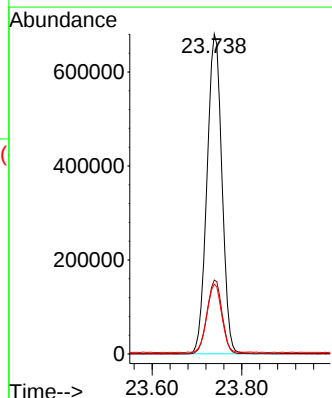
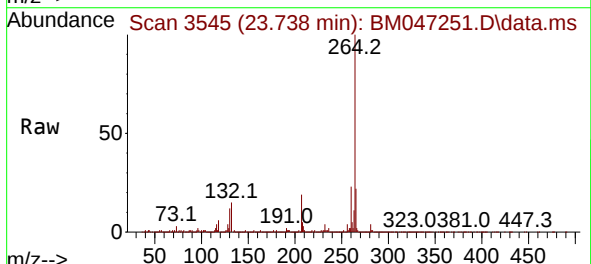
Instrument :
BNA_M
ClientSampleId :
PB162757BSD

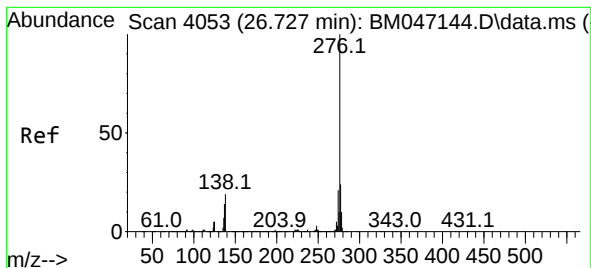
Tgt Ion:149 Resp: 4339330
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.738 min Scan# 3545
Delta R.T. 0.012 min
Lab File: BM047251.D
Acq: 19 Aug 2024 13:42

Tgt Ion:264 Resp: 1572179
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.245 ng

RT: 26.756 min Scan# 4058

Delta R.T. 0.029 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

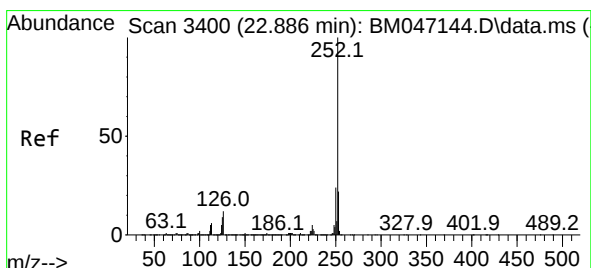
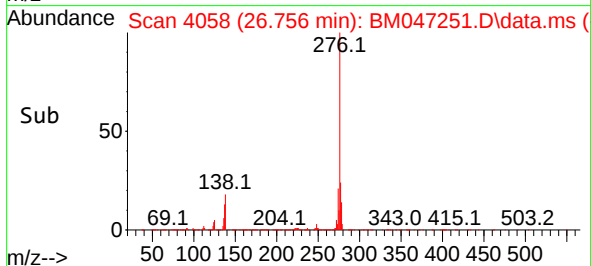
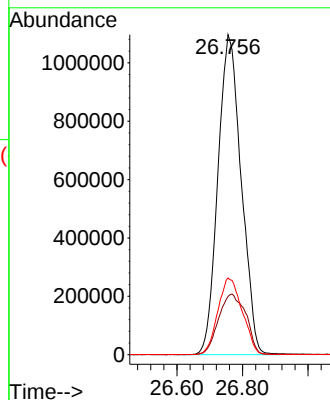
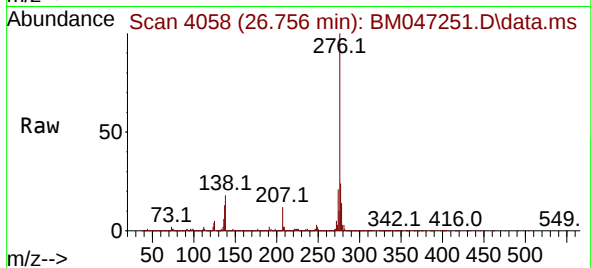
Tgt Ion:276 Resp: 5410859

Ion Ratio Lower Upper

276 100

138 22.2 19.4 29.0

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.218 ng

RT: 22.897 min Scan# 3402

Delta R.T. 0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

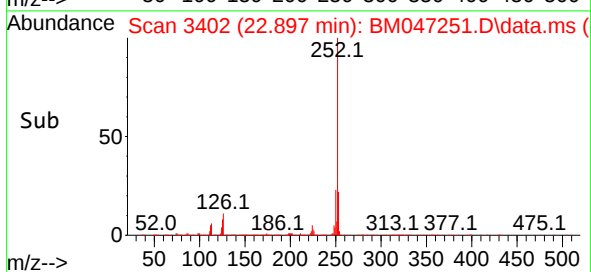
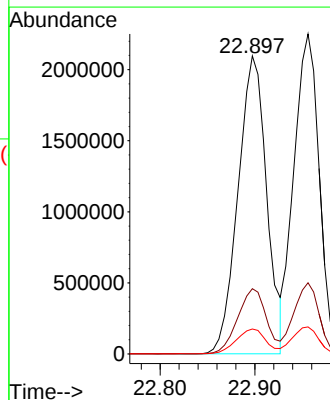
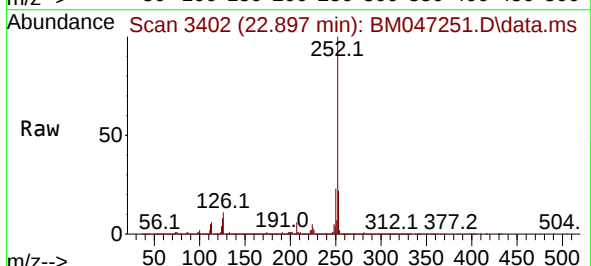
Tgt Ion:252 Resp: 4408520

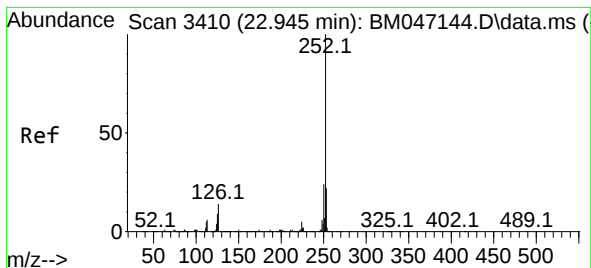
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.455 ng

RT: 22.956 min Scan# 3410

Delta R.T. 0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

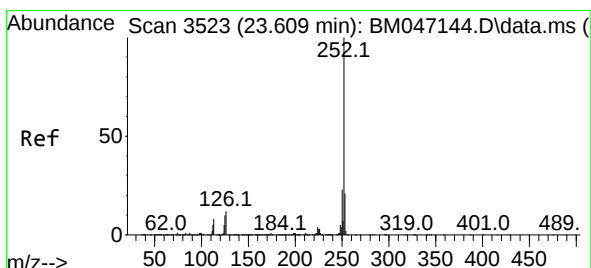
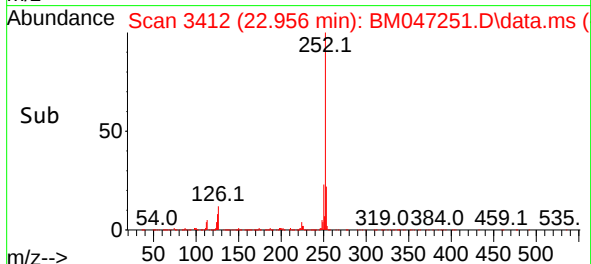
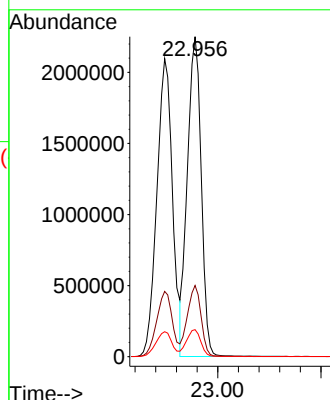
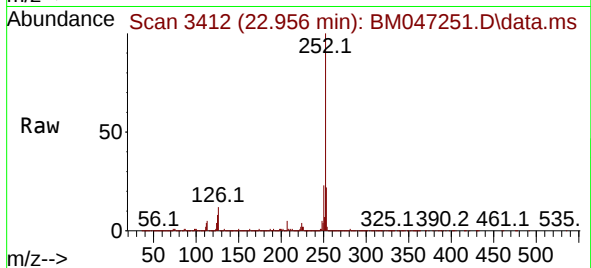
Tgt Ion:252 Resp: 4184991

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 51.757 ng

RT: 23.621 min Scan# 3525

Delta R.T. 0.012 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

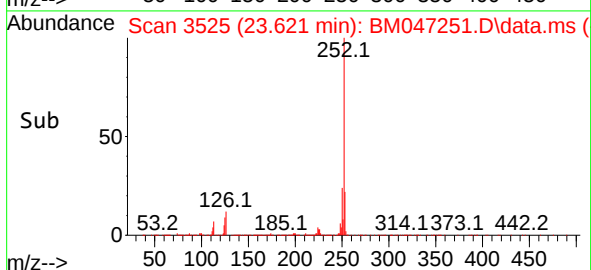
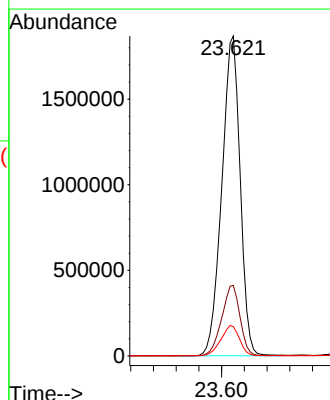
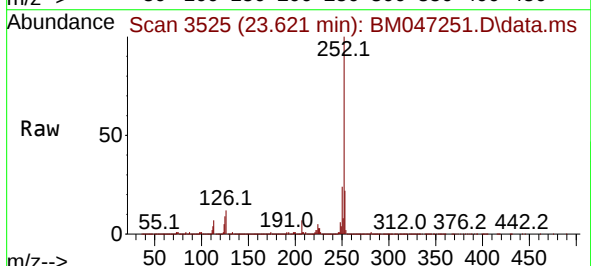
Tgt Ion:252 Resp: 4186037

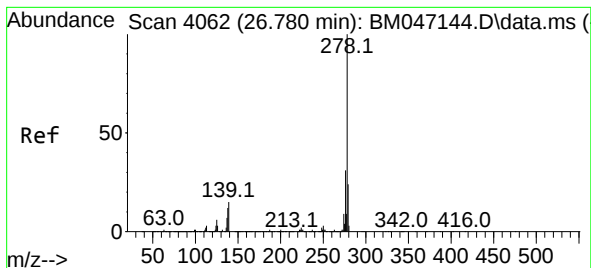
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.1 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 53.036 ng

RT: 26.809 min Scan# 4062

Delta R.T. 0.029 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB162757BSD

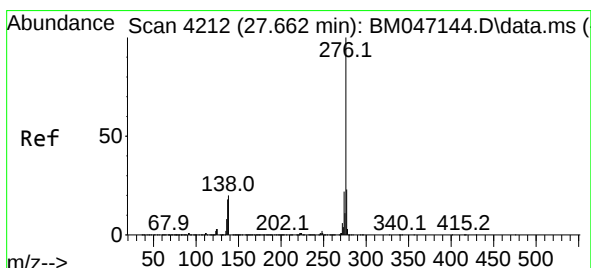
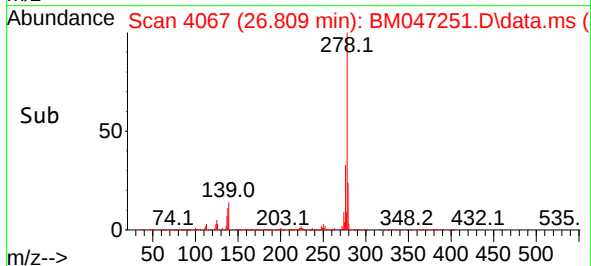
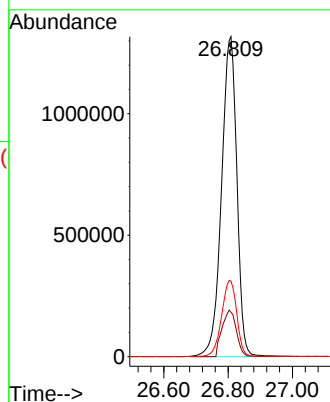
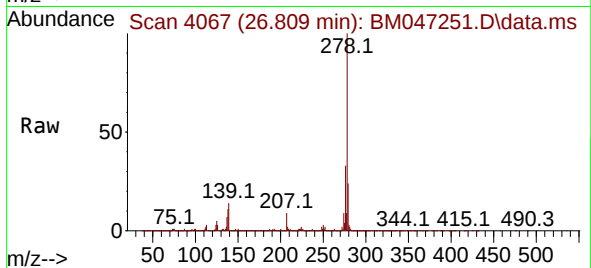
Tgt Ion:278 Resp: 4361715

Ion Ratio Lower Upper

278 100

139 13.9 12.0 18.0

279 23.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 49.351 ng

RT: 27.691 min Scan# 4217

Delta R.T. 0.029 min

Lab File: BM047251.D

Acq: 19 Aug 2024 13:42

Tgt Ion:276 Resp: 4213855

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 19.2 16.2 24.4

