

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047414.D
 Acq On : 30 Aug 2024 20:18
 Operator : RC/JU
 Sample : P3794-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-857MSD

Quant Time: Aug 30 23:38:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	249768	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	921412	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	566513	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	944359	20.000	ng	# 0.00
76) Chrysene-d12	21.021	240	832018	20.000	ng	0.00
86) Perylene-d12	23.721	264	1040138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1247771	95.846	ng	0.00
7) Phenol-d6	6.569	99	1584629	89.352	ng	0.00
23) Nitrobenzene-d5	8.492	82	980285	59.031	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	559801	81.903	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2109972	57.227	ng	0.00
79) Terphenyl-d14	19.445	244	2175937	46.550	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	221842	41.632	ng	97
3) Pyridine	3.387	79	612413	41.409	ng	98
4) n-Nitrosodimethylamine	3.310	42	271044	45.000	ng	99
6) Aniline	6.698	93	528178	32.883	ng	99
8) 2-Chlorophenol	6.922	128	755514	51.849	ng	98
9) Benzaldehyde	6.510	77	230044	21.481	ng	96
10) Phenol	6.598	94	891233	51.078	ng	98
11) bis(2-Chloroethyl)ether	6.798	93	702905	46.486	ng	99
12) 1,3-Dichlorobenzene	7.228	146	880056	49.390	ng	99
13) 1,4-Dichlorobenzene	7.375	146	894460	49.567	ng	99
14) 1,2-Dichlorobenzene	7.687	146	864993	50.580	ng	98
15) Benzyl Alcohol	7.604	79	649306	52.810	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.863	45	854260	47.117	ng	99
17) 2-Methylphenol	7.816	107	596216	49.182	ng	99
18) Hexachloroethane	8.387	117	316008	46.845	ng	95
19) n-Nitroso-di-n-propyla...	8.157	70	538141	44.143	ng	99
20) 3+4-Methylphenols	8.145	107	813979	48.293	ng	95
22) Acetophenone	8.169	105	1062525	49.688	ng	99
24) Nitrobenzene	8.539	77	796466	46.634	ng	97
25) Isophorone	9.063	82	1477997	47.091	ng	98
26) 2-Nitrophenol	9.239	139	430256	51.215	ng	95
27) 2,4-Dimethylphenol	9.322	122	595879	62.838	ng	99
28) bis(2-Chloroethoxy)met...	9.539	93	905019	47.088	ng	99
29) 2,4-Dichlorophenol	9.781	162	792098	53.848	ng	98
30) 1,2,4-Trichlorobenzene	9.969	180	863204	50.805	ng	99
31) Naphthalene	10.145	128	2271579	50.476	ng	100
32) Benzoic acid	9.534	122	466467	41.195	ng	97
33) 4-Chloroaniline	10.286	127	442652	26.453	ng	100
34) Hexachlorobutadiene	10.422	225	560121	52.786	ng	99
35) Caprolactam	11.104	113	218039	45.756	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	706283	47.281	ng	99
37) 2-Methylnaphthalene	11.775	142	1638653	49.938	ng	97
38) 1-Methylnaphthalene	11.998	142	1515602	46.701	ng	99
40) 1,2,4,5-Tetrachloroben...	12.157	216	965836	57.574	ng	99
41) Hexachlorocyclopentadiene	12.127	237	616788	116.497	ng	99
43) 2,4,6-Trichlorophenol	12.427	196	644675	56.059	ng	99

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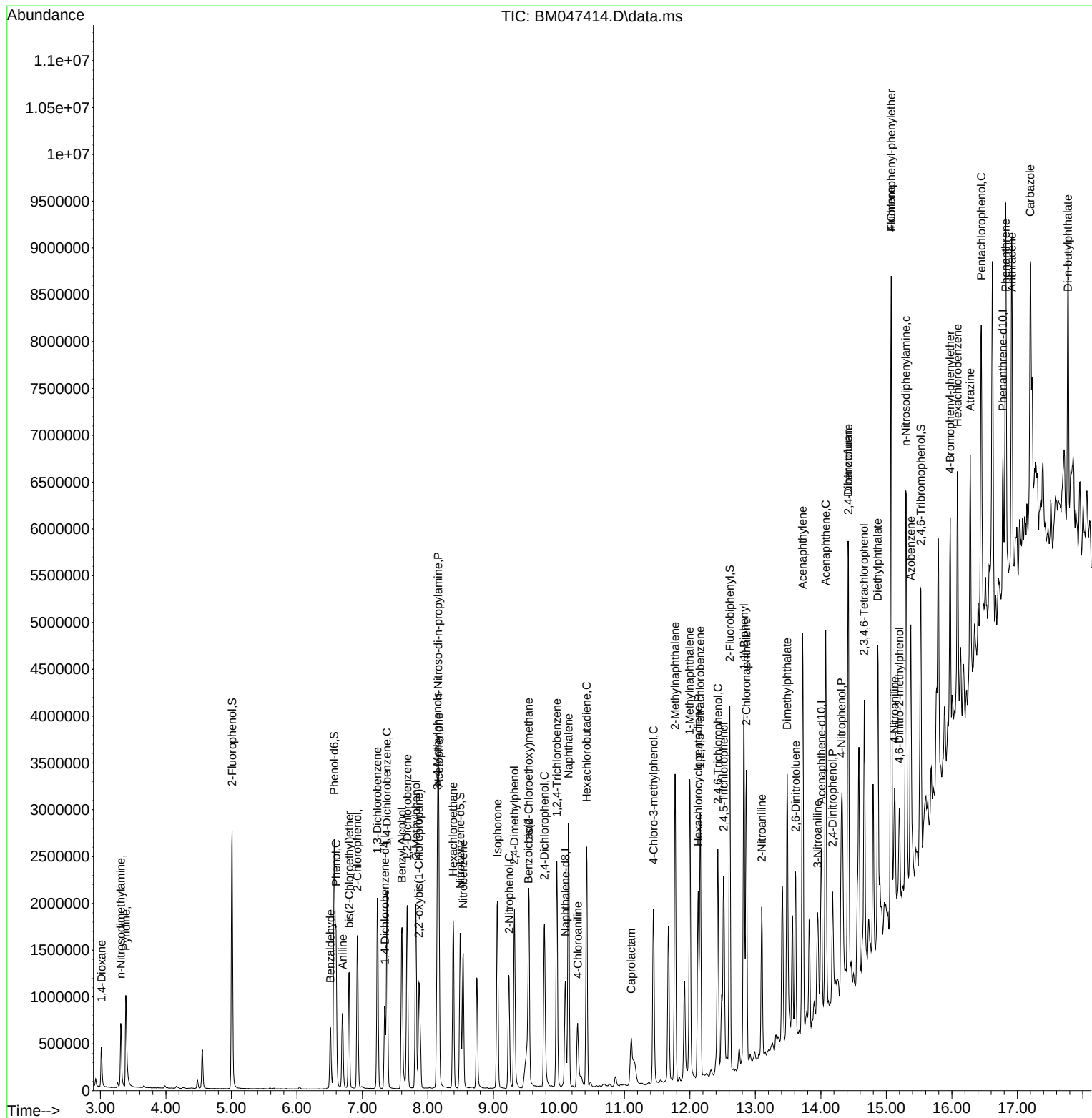
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	678211	53.104	ng	98
46) 1,1'-Biphenyl	12.827	154	2088188	52.789	ng	100
47) 2-Chloronaphthalene	12.863	162	1627286	52.495	ng	99
48) 2-Nitroaniline	13.098	65	432259	49.780	ng	95
49) Acenaphthylene	13.722	152	2446781	54.308	ng	98
50) Dimethylphthalate	13.486	163	1954486	50.070	ng	100
51) 2,6-Dinitrotoluene	13.616	165	435960	47.968	ng	92
52) Acenaphthene	14.074	154	1477819	51.671	ng	99
53) 3-Nitroaniline	13.951	138	280658	33.465	ng	90
54) 2,4-Dinitrophenol	14.180	184	361432	64.576	ng	93
55) Dibenzofuran	14.416	168	2318914	50.337	ng	99
56) 4-Nitrophenol	14.316	139	621336	94.780	ng	96
57) 2,4-Dinitrotoluene	14.421	165	568947	48.358	ng	92
58) Fluorene	15.074	166	1773384	47.565	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	534335	50.937	ng	# 95
60) Diethylphthalate	14.868	149	1734844	45.055	ng	98
61) 4-Chlorophenyl-phenyle...	15.074	204	941011	49.615	ng	97
62) 4-Nitroaniline	15.127	138	332196	42.820	ng	97
63) Azobenzene	15.374	77	1482823	44.223	ng	94
65) 4,6-Dinitro-2-methylph...	15.198	198	247289	42.664	ng	88
66) n-Nitrosodiphenylamine	15.298	169	1542908	59.709	ng	98
67) 4-Bromophenyl-phenylether	15.974	248	560040	56.214	ng	97
68) Hexachlorobenzene	16.086	284	604857	52.566	ng	99
69) Atrazine	16.280	200	537821	63.675	ng	94
70) Pentachlorophenol	16.451	266	776552	104.384	ng	99
71) Phenanthrene	16.821	178	2459767	53.634	ng	98
72) Anthracene	16.915	178	2431959	54.396	ng	98
73) Carbazole	17.198	167	2116998	49.345	ng	98
74) Di-n-butylphthalate	17.774	149	2460072	47.090	ng	99
75) Fluoranthene	18.862	202	2714572	50.409	ng	98
77) Benzidine	19.068	184	1067236	76.844	ng	# 94
78) Pyrene	19.227	202	2855249	44.744	ng	99
80) Butylbenzylphthalate	20.156	149	1123567	44.994	ng	98
81) Benzo(a)anthracene	21.003	228	2800208	51.609	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	755070	41.369	ng	99
83) Chrysene	21.062	228	2645387	51.830	ng	100
84) Bis(2-ethylhexyl)phtha...	20.950	149	1768779	50.116	ng	99
85) Di-n-octyl phthalate	21.980	149	2995483	50.425	ng	98
87) Indeno(1,2,3-cd)pyrene	26.738	276	3847562	59.091	ng	98
88) Benzo(b)fluoranthene	22.880	252	2998099	49.405	ng	99
89) Benzo(k)fluoranthene	22.933	252	2939450	51.097	ng	99
90) Benzo(a)pyrene	23.597	252	2907959	55.412	ng	99
91) Dibenzo(a,h)anthracene	26.774	278	3094223	58.659	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2953209	53.853	ng	98

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

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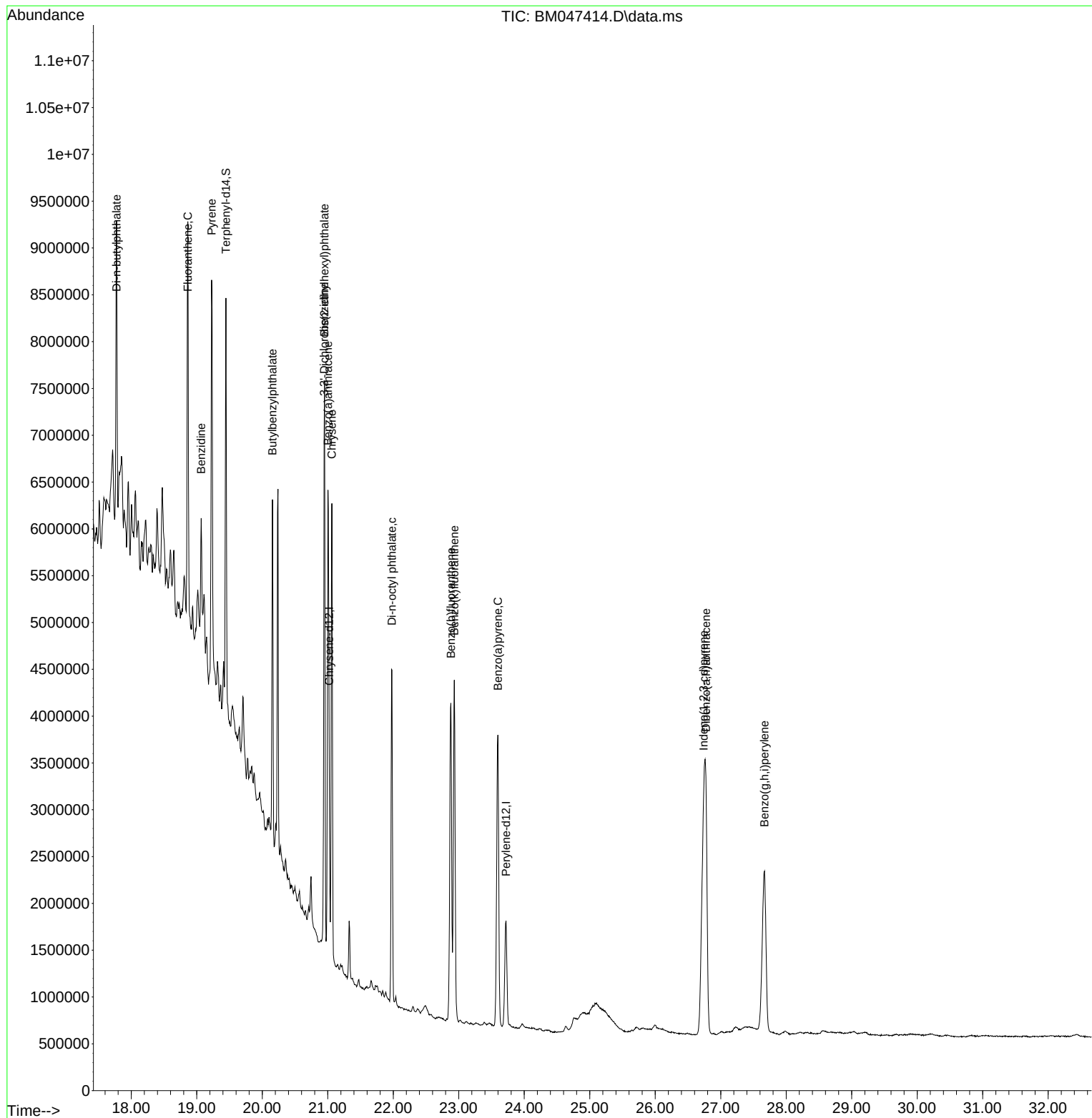
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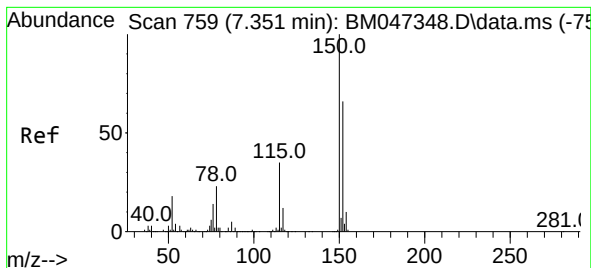


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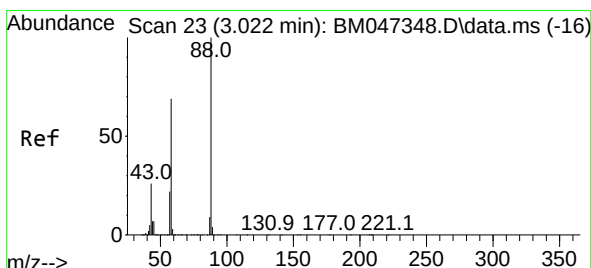
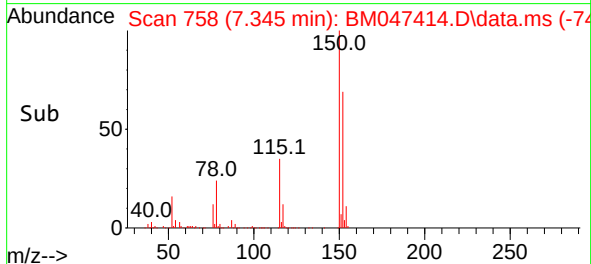
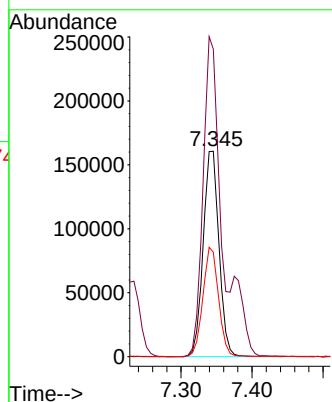
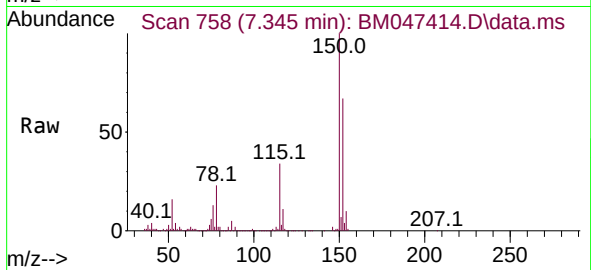




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.345 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BM047414.D
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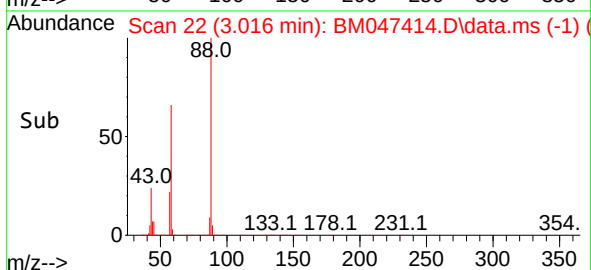
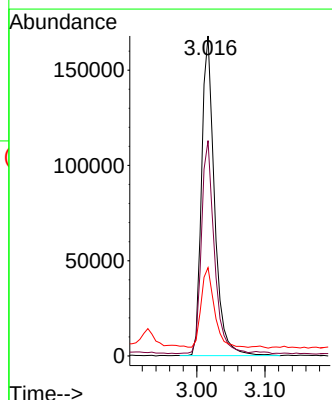
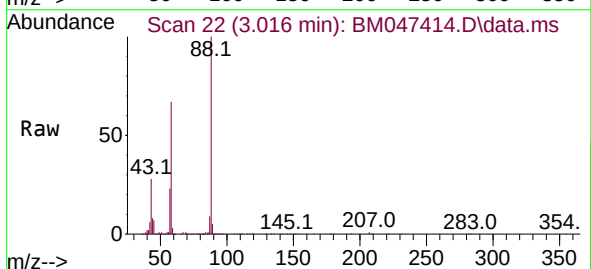
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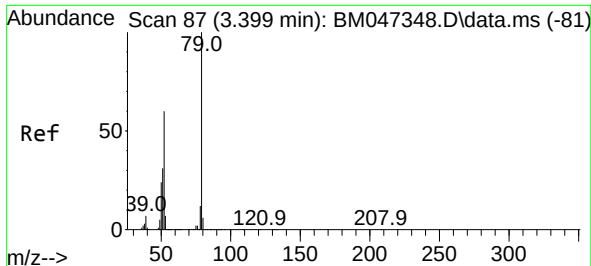
Tgt Ion:152 Resp: 249768
 Ion Ratio Lower Upper
 152 100
 150 149.7 121.3 181.9
 115 50.8 42.6 64.0



#2
 1,4-Dioxane
 Concen: 41.632 ng
 RT: 3.016 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BM047414.D
 Acq: 30 Aug 2024 20:18

Tgt Ion: 88 Resp: 221842
 Ion Ratio Lower Upper
 88 100
 58 66.2 55.4 83.0
 43 25.3 20.7 31.1

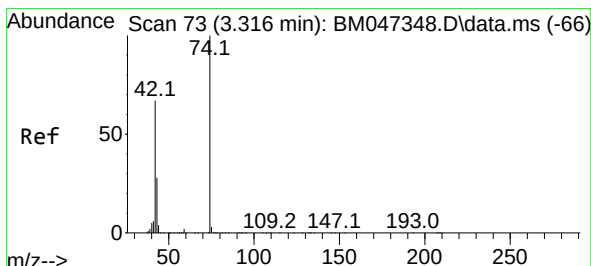
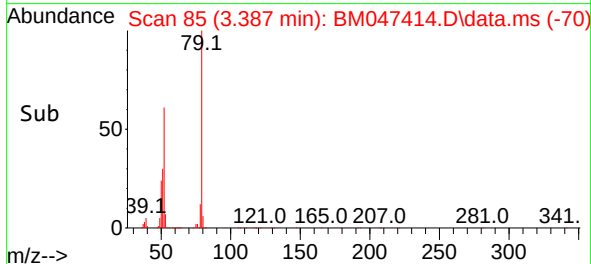
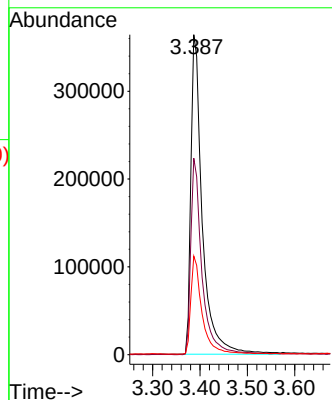
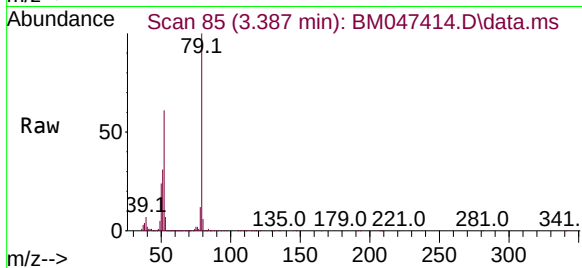




#3
Pyridine
Concen: 41.409 ng
RT: 3.387 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047414.D
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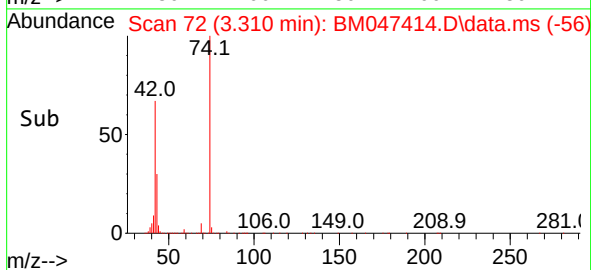
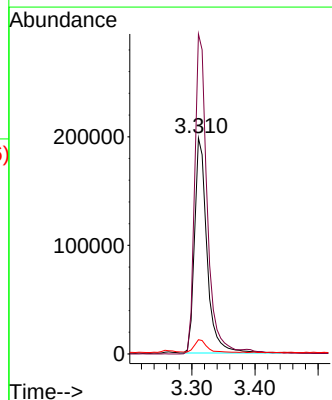
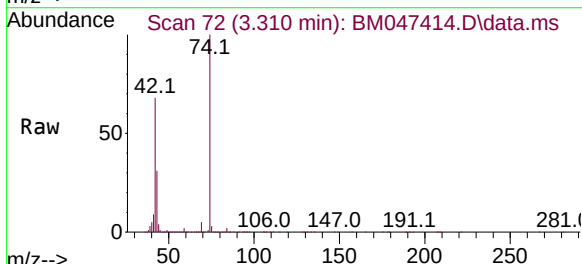
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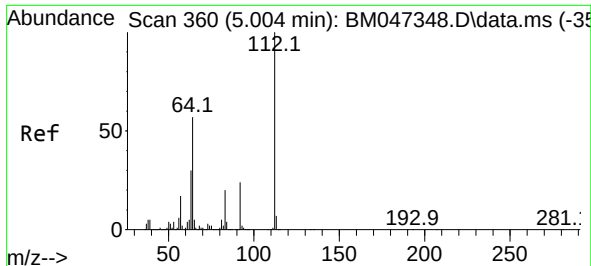
Tgt Ion: 79 Resp: 612413
Ion Ratio Lower Upper
79 100
52 61.4 47.8 71.6
51 30.8 25.0 37.4



#4
n-Nitrosodimethylamine
Concen: 45.000 ng
RT: 3.310 min Scan# 72
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion: 42 Resp: 271044
Ion Ratio Lower Upper
42 100
74 148.1 119.2 178.8
44 6.6 5.2 7.8

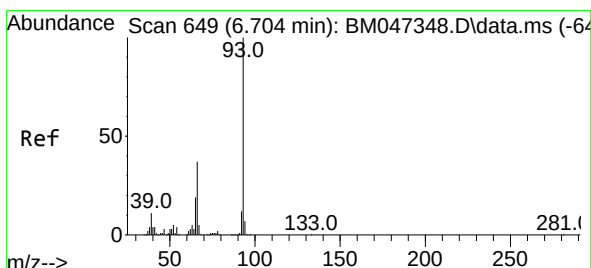
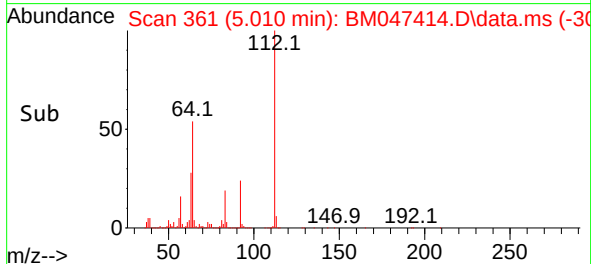
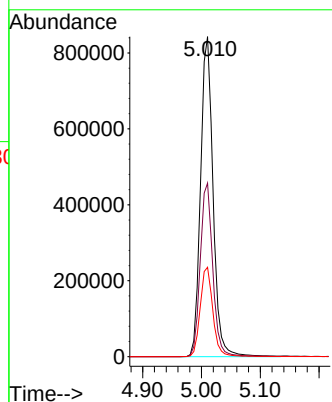
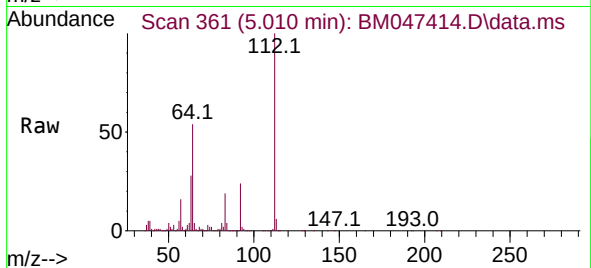




#5
2-Fluorophenol
Concen: 95.846 ng
RT: 5.010 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM047414.D
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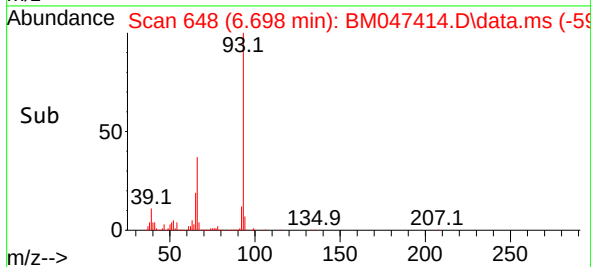
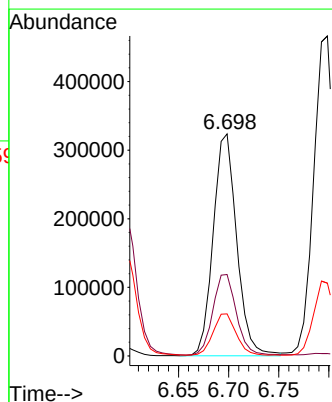
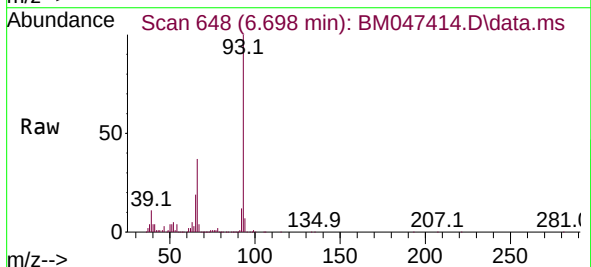
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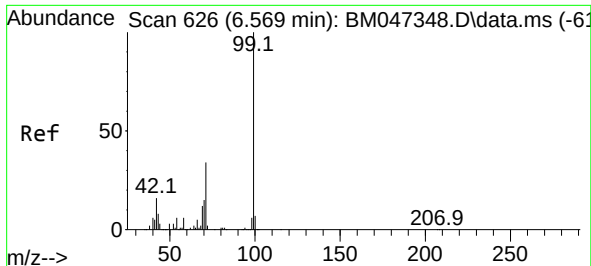
Tgt Ion:112 Resp: 1247771
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 27.9 23.8 35.8



#6
Aniline
Concen: 32.883 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047414.D
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Tgt Ion: 93 Resp: 528178
Ion Ratio Lower Upper
93 100
66 36.7 30.0 45.0
65 19.0 15.5 23.3

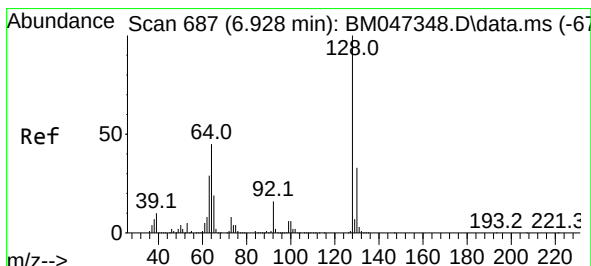
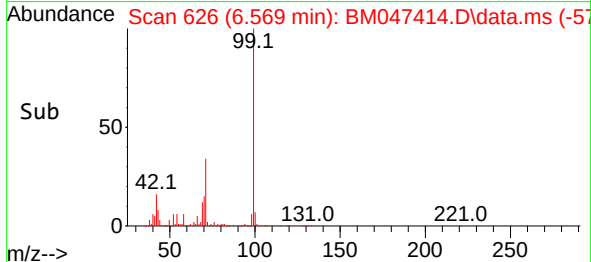
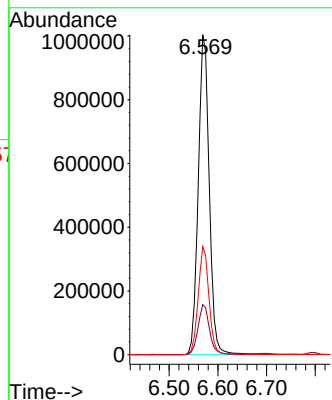
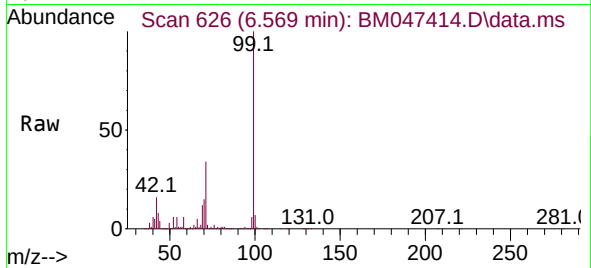




#7
Phenol-d6
Concen: 89.352 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
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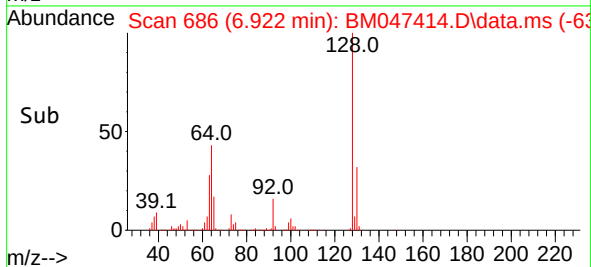
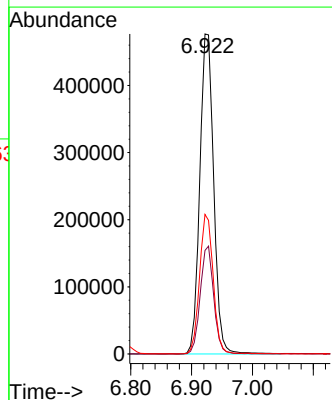
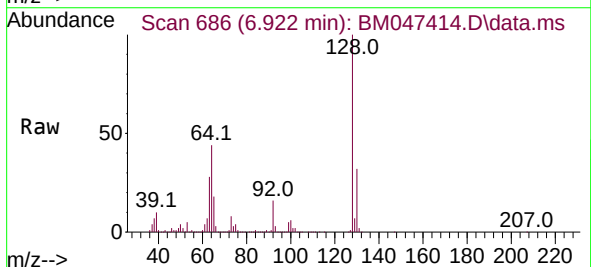
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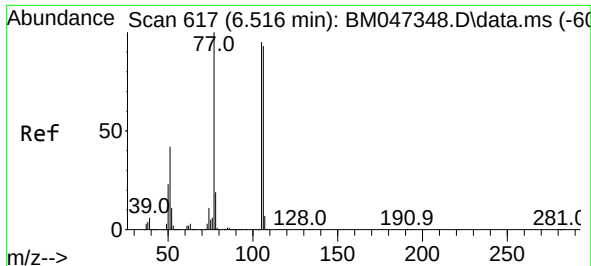
Tgt Ion: 99 Resp: 1584629
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 33.8 27.5 41.3



#8
2-Chlorophenol
Concen: 51.849 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 755514
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 43.6 25.3 65.3

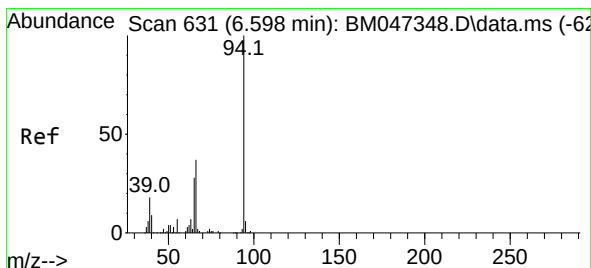
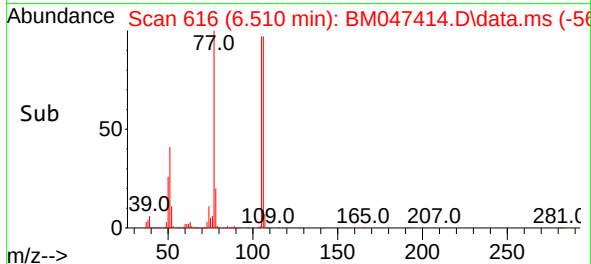
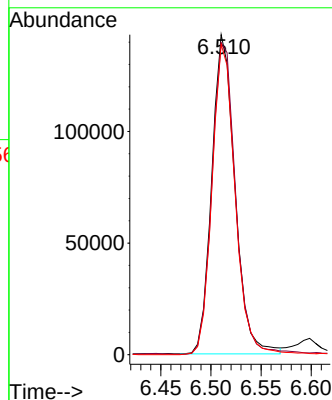
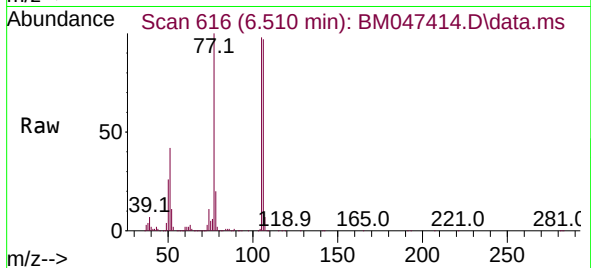




#9
Benzaldehyde
Concen: 21.481 ng
RT: 6.510 min Scan# 617
Delta R.T. -0.006 min
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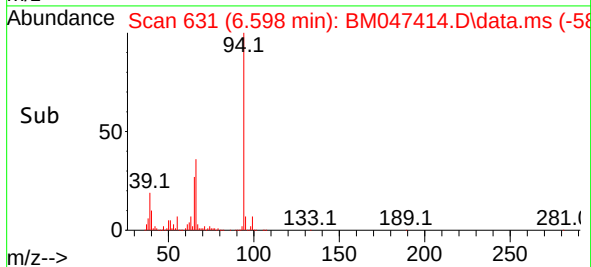
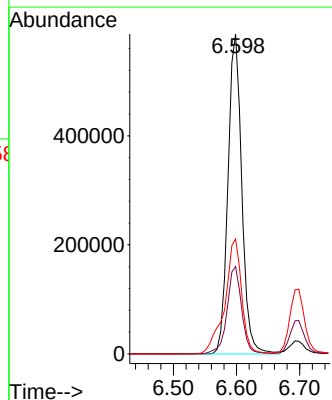
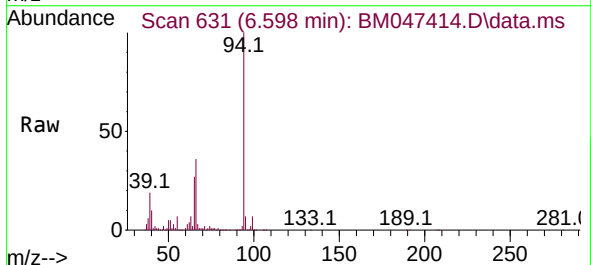
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

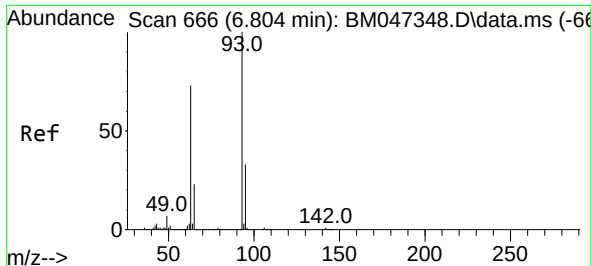
Tgt Ion: 77 Resp: 230044
Ion Ratio Lower Upper
77 100
105 97.5 74.9 114.9
106 97.0 72.6 112.6



#10
Phenol
Concen: 51.078 ng
RT: 6.598 min Scan# 631
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion: 94 Resp: 891233
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 36.0 17.3 57.3

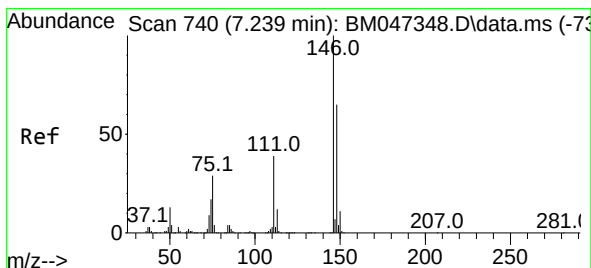
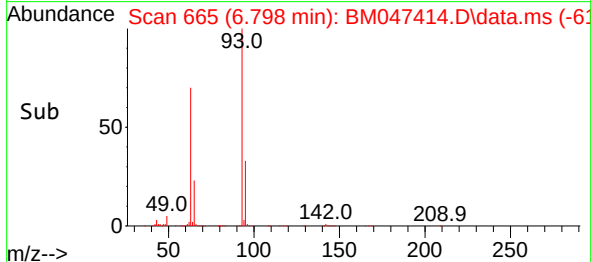
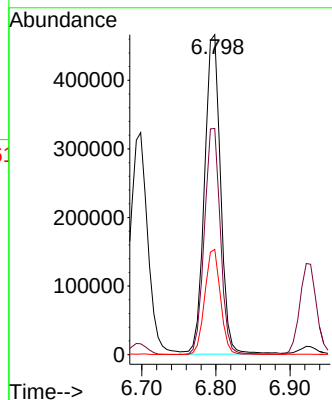
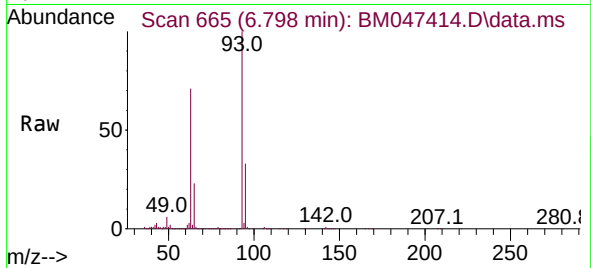




#11
bis(2-Chloroethyl)ether
Concen: 46.486 ng
RT: 6.798 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

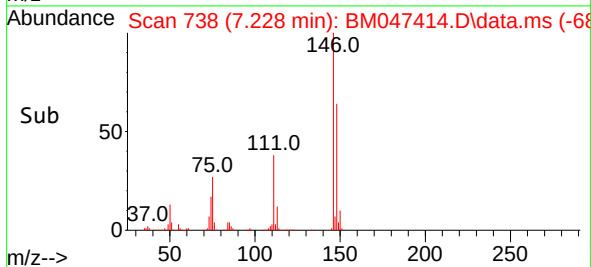
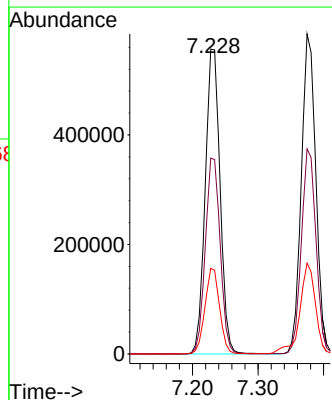
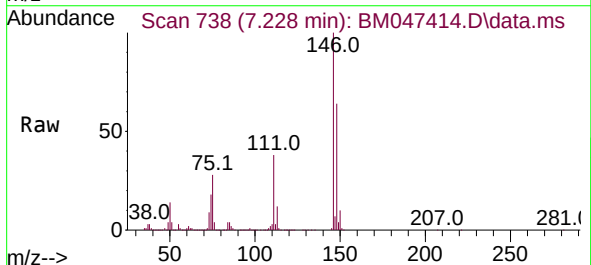
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

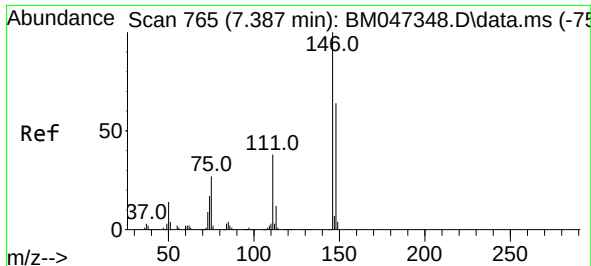
Tgt Ion: 93 Resp: 702905
Ion Ratio Lower Upper
93 100
63 70.7 52.2 92.2
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.390 ng
RT: 7.228 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion: 146 Resp: 880056
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
75 28.1 23.3 34.9

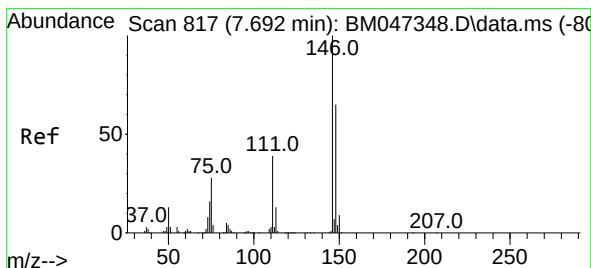
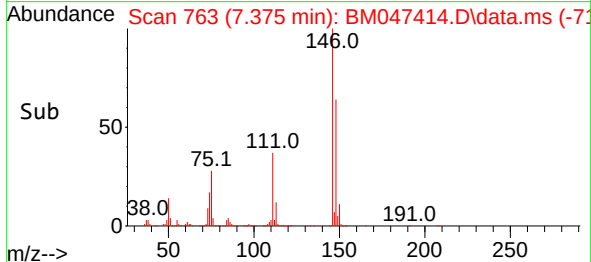
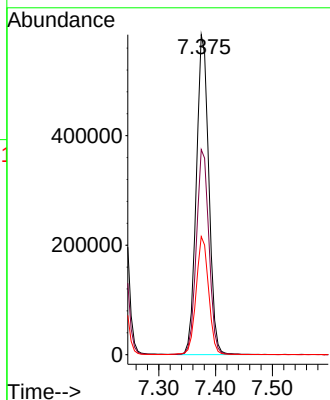
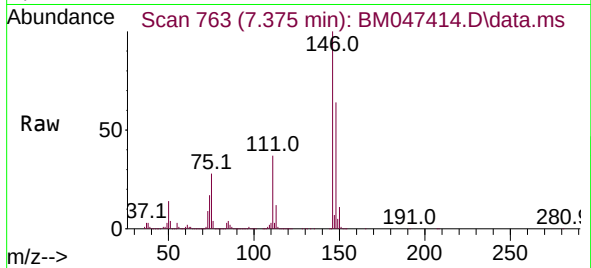




#13
1,4-Dichlorobenzene
Concen: 49.567 ng
RT: 7.375 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

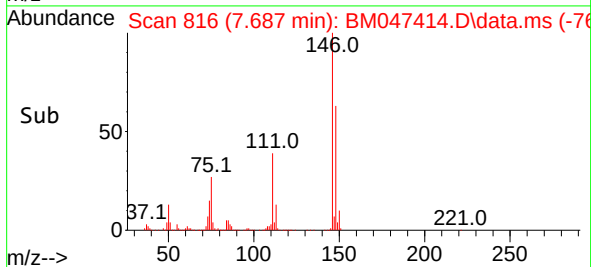
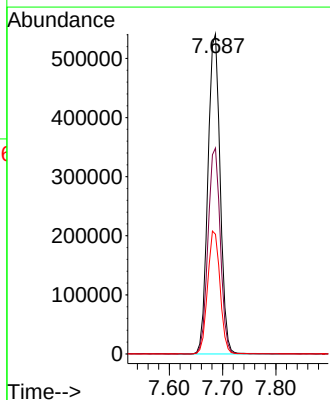
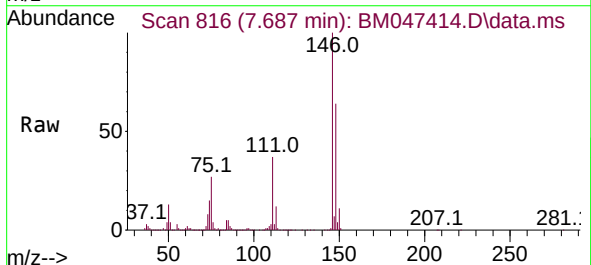
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

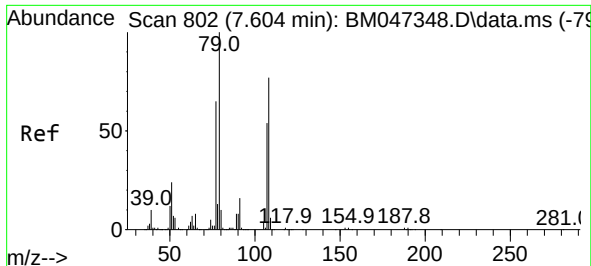
Tgt Ion:146 Resp: 894460
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 36.9 30.2 45.2



#14
1,2-Dichlorobenzene
Concen: 50.580 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:146 Resp: 864993
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 37.4 31.7 47.5

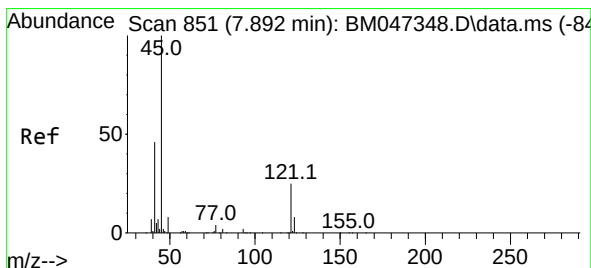
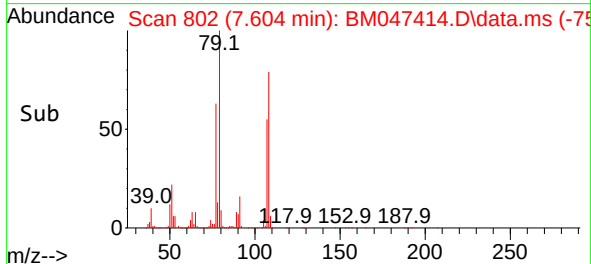
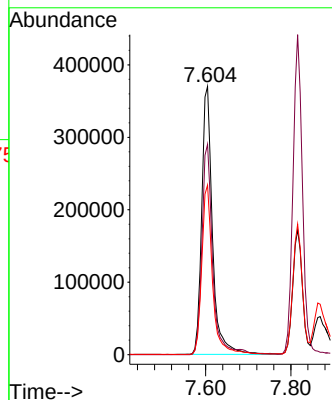
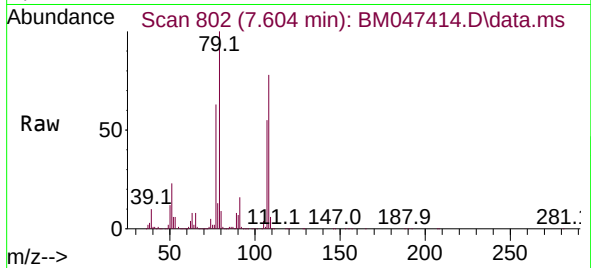




#15
Benzyl Alcohol
Concen: 52.810 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

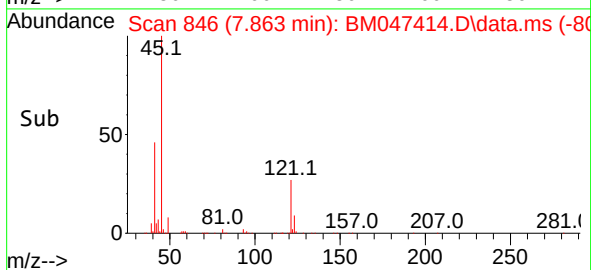
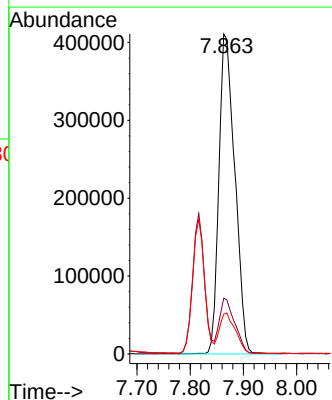
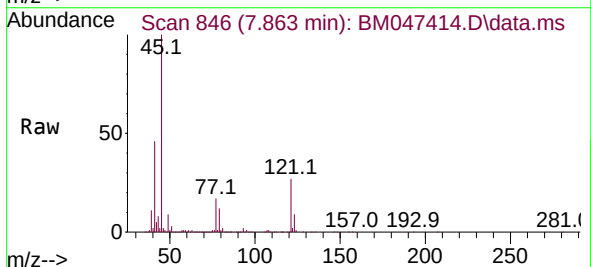
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

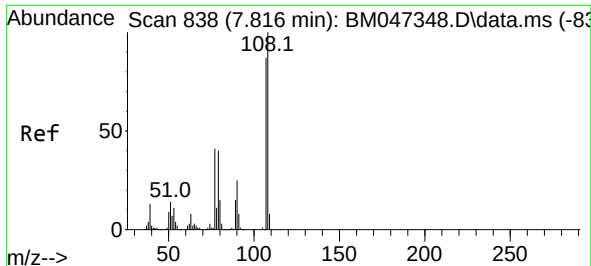
Tgt Ion: 79 Resp: 649306
Ion Ratio Lower Upper
79 100
108 78.4 61.1 91.7
77 63.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.117 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion: 45 Resp: 854260
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.7
79 12.5 0.0 33.0





#17

2-Methylphenol

Concen: 49.182 ng

RT: 7.816 min Scan# 838

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

Tgt Ion:107 Resp: 596216

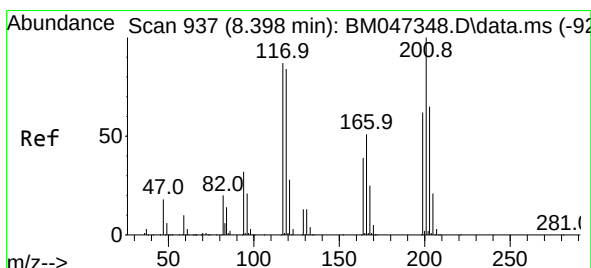
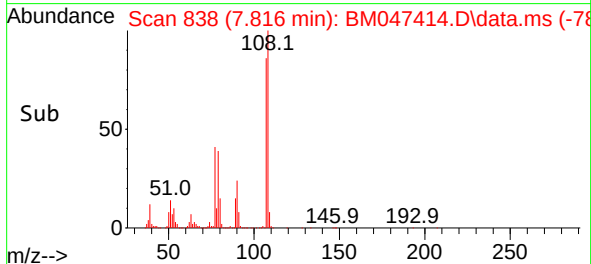
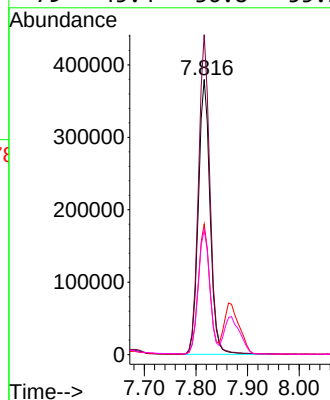
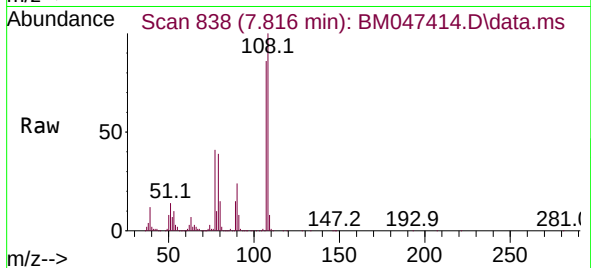
Ion Ratio Lower Upper

107 100

108 116.3 91.6 137.4

77 47.4 38.0 57.0

79 45.4 36.8 55.2



#18

Hexachloroethane

Concen: 46.845 ng

RT: 8.387 min Scan# 935

Delta R.T. -0.012 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

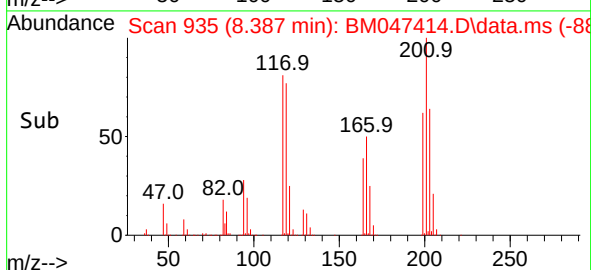
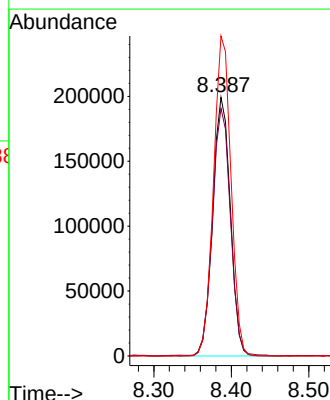
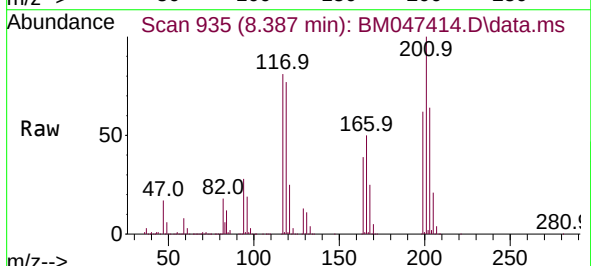
Tgt Ion:117 Resp: 316008

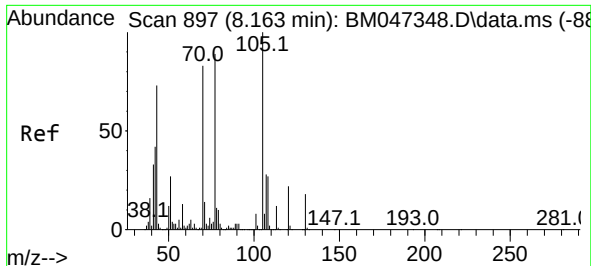
Ion Ratio Lower Upper

117 100

119 95.7 77.8 116.8

201 123.7 92.3 138.5





#19

n-Nitroso-di-n-propylamine

Concen: 44.143 ng

RT: 8.157 min Scan# 896

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

Tgt Ion: 70 Resp: 538141

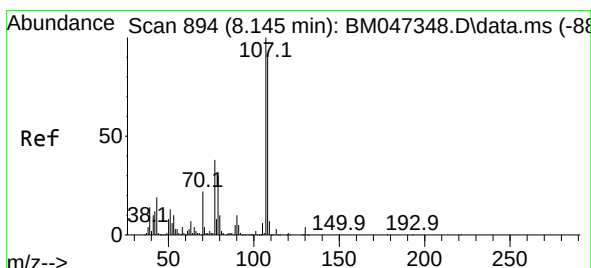
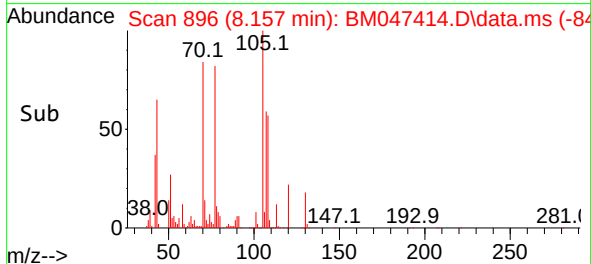
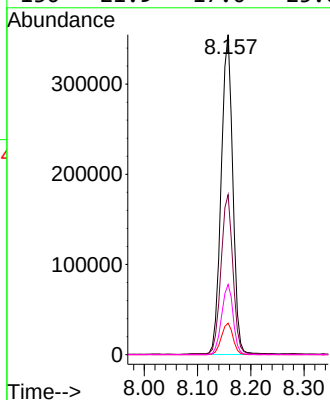
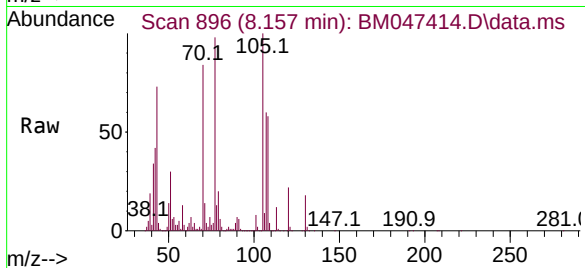
Ion Ratio Lower Upper

70 100

42 50.0 41.0 61.4

101 9.9 7.9 11.9

130 21.9 17.0 25.6



#20

3+4-Methylphenols

Concen: 48.293 ng

RT: 8.145 min Scan# 894

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Tgt Ion: 107 Resp: 813979

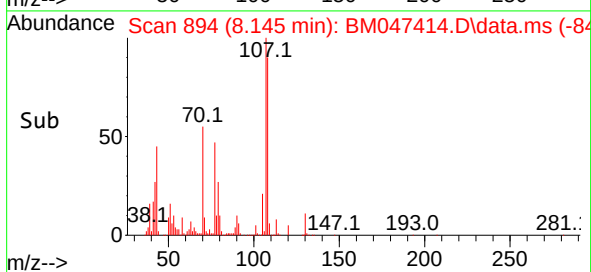
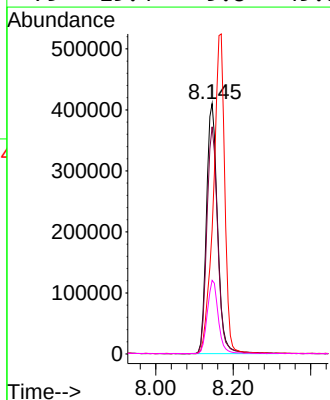
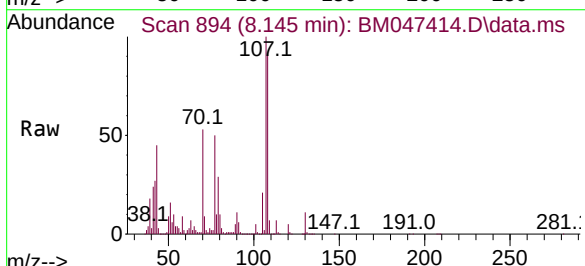
Ion Ratio Lower Upper

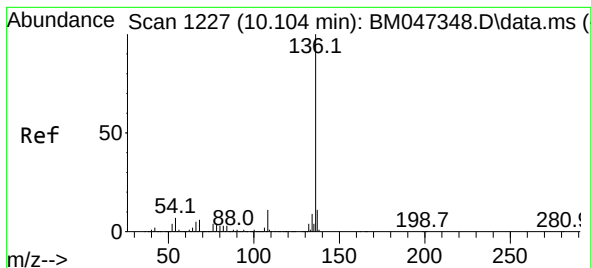
107 100

108 90.8 69.8 109.8

77 49.5 18.0 58.0

79 29.4 9.8 49.8

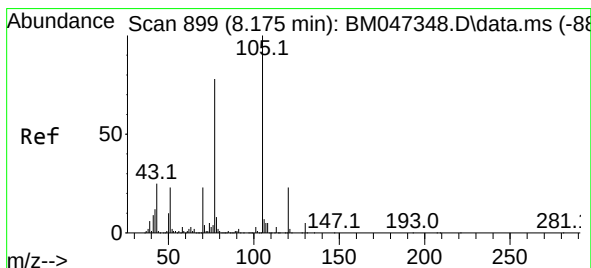
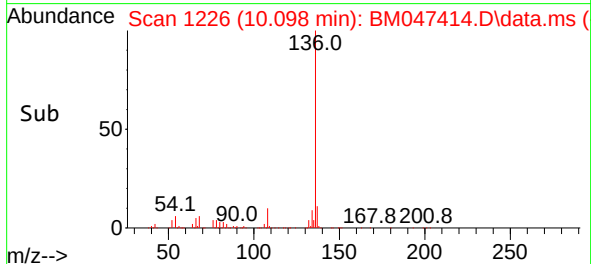
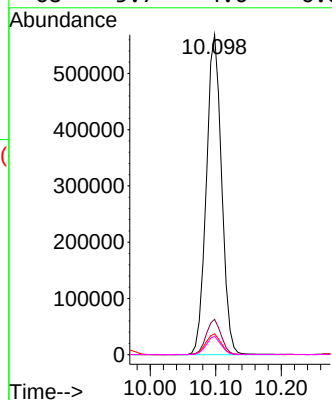
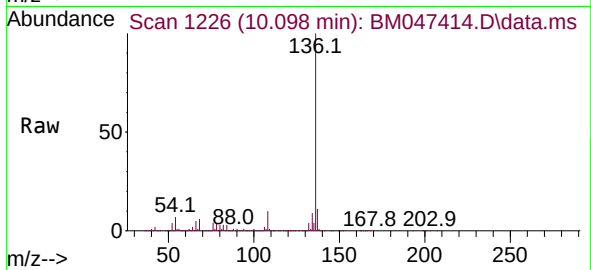




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

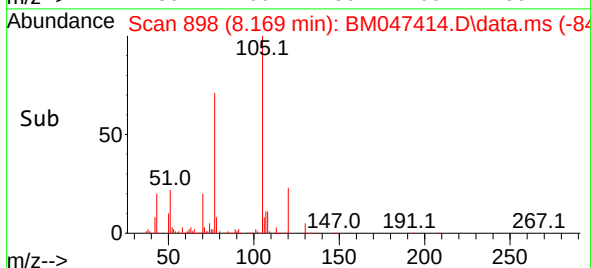
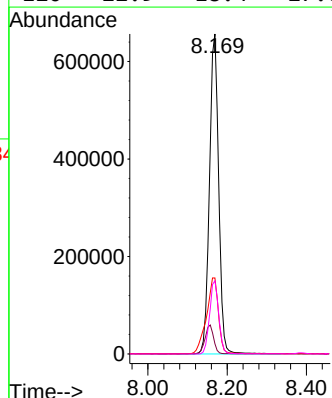
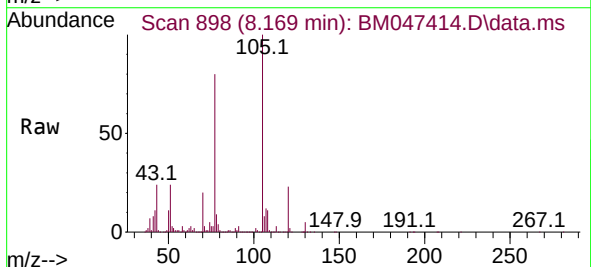
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

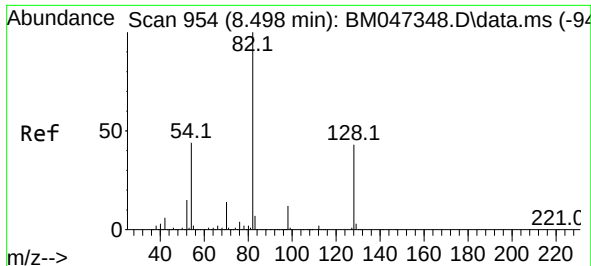
Tgt Ion:	136	Resp:	921412
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.2	7.8
68	5.7	4.6	6.8



#22
Acetophenone
Concen: 49.688 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:	105	Resp:	1062525
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.1	4.7
51	23.8	18.7	28.1
120	22.9	18.4	27.6

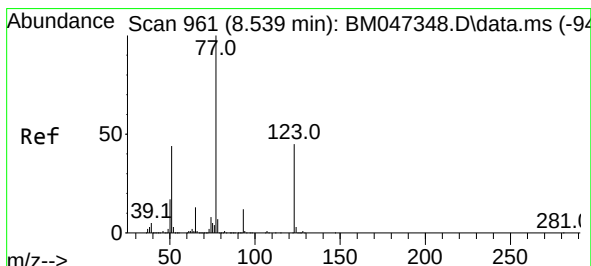
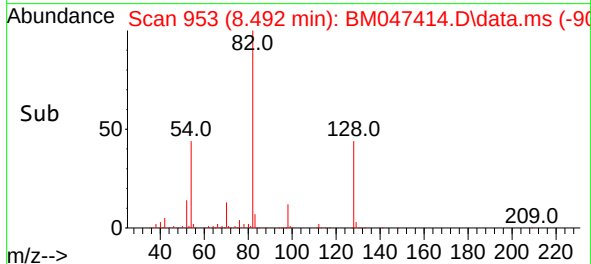
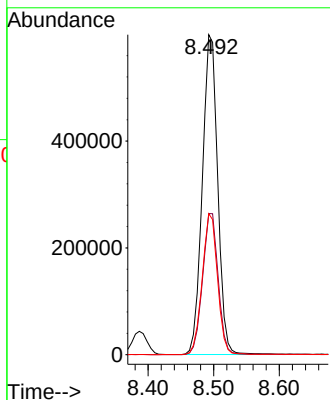
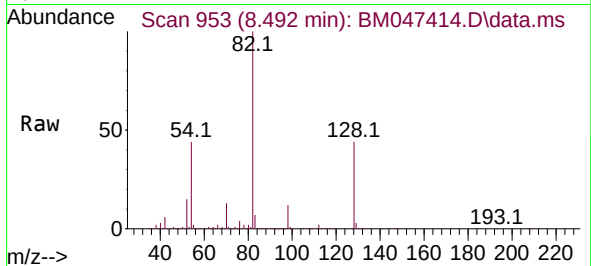




#23
Nitrobenzene-d5
Concen: 59.031 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

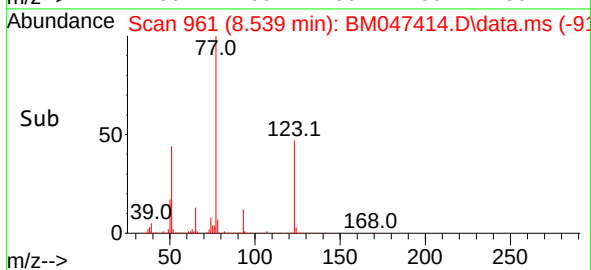
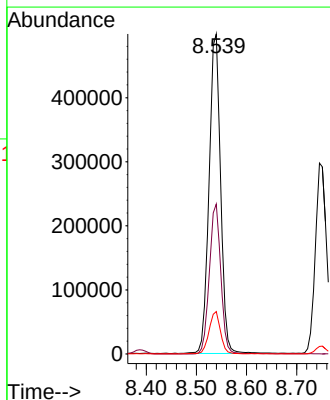
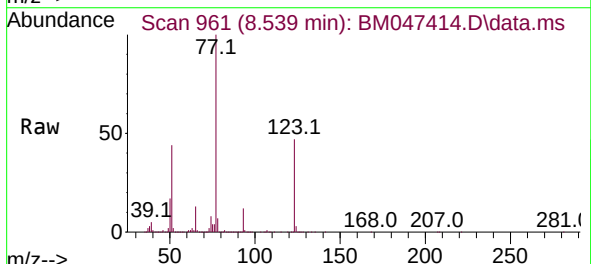
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

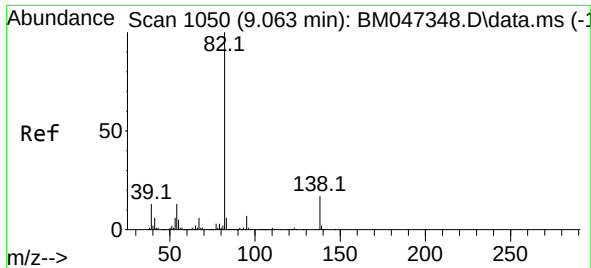
Tgt Ion: 82 Resp: 980285
Ion Ratio Lower Upper
82 100
128 44.1 34.6 51.8
54 44.1 35.5 53.3



#24
Nitrobenzene
Concen: 46.634 ng
RT: 8.539 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion: 77 Resp: 796466
Ion Ratio Lower Upper
77 100
123 46.9 35.6 53.4
65 13.2 10.5 15.7





#25

Isophorone

Concen: 47.091 ng

RT: 9.063 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

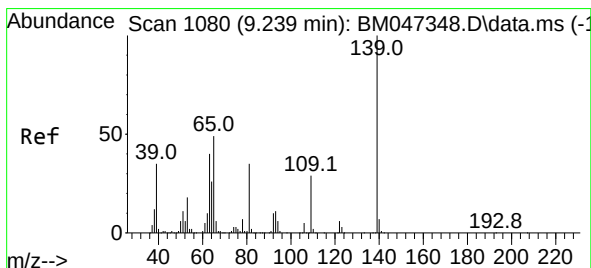
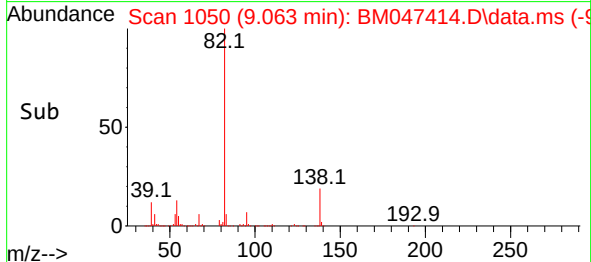
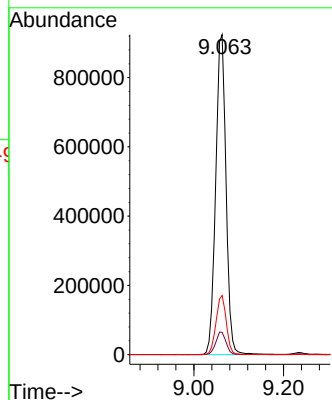
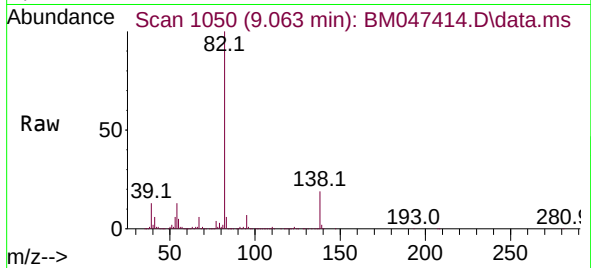
BNA_M

ClientSampleId :

RT-857MSD

Tgt Ion: 82 Resp: 1477997

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	13.9	20.9



#26

2-Nitrophenol

Concen: 51.215 ng

RT: 9.239 min Scan# 1080

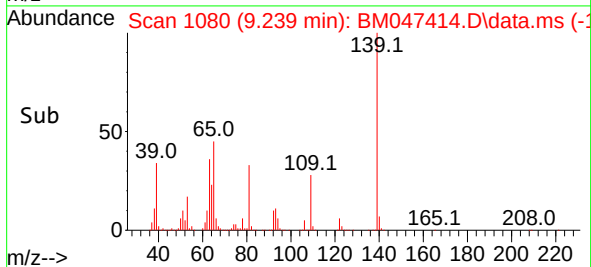
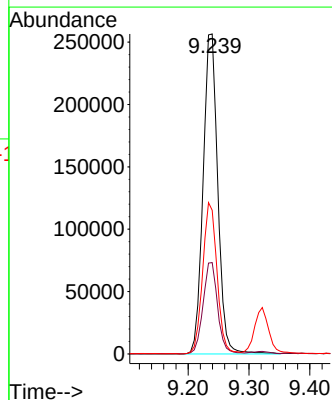
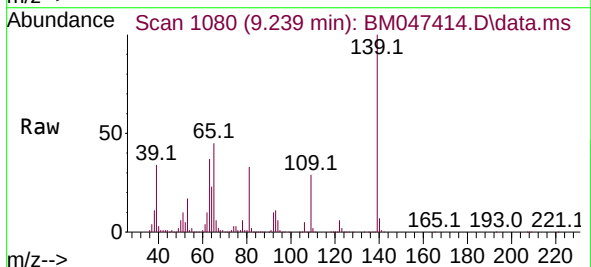
Delta R.T. 0.000 min

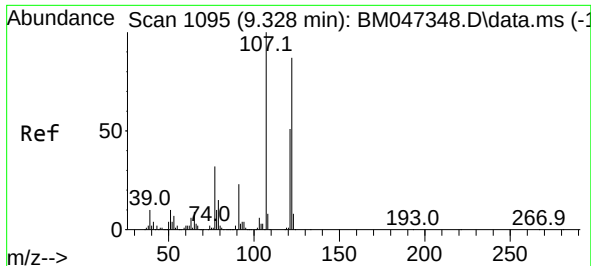
Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Tgt Ion: 139 Resp: 430256

Ion	Ratio	Lower	Upper
139	100		
109	28.6	23.4	35.0
65	44.9	39.6	59.4





#27

2,4-Dimethylphenol

Concen: 62.838 ng

RT: 9.322 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

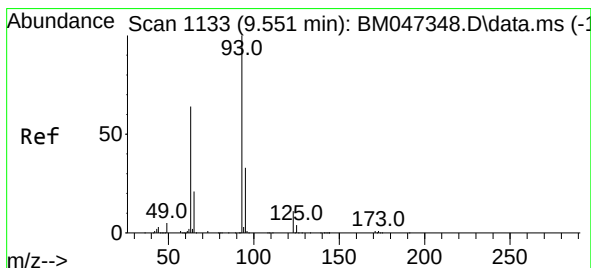
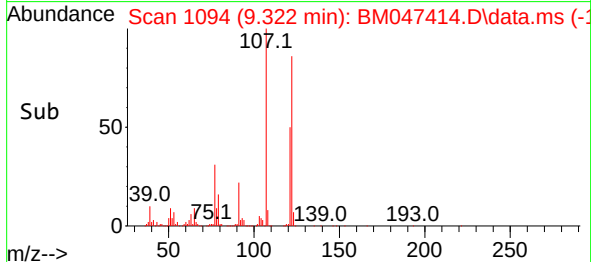
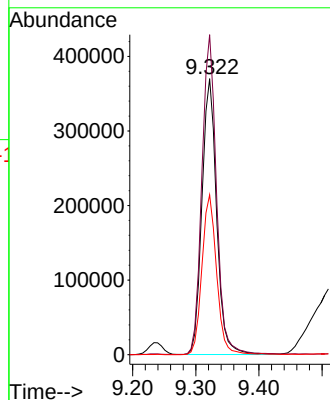
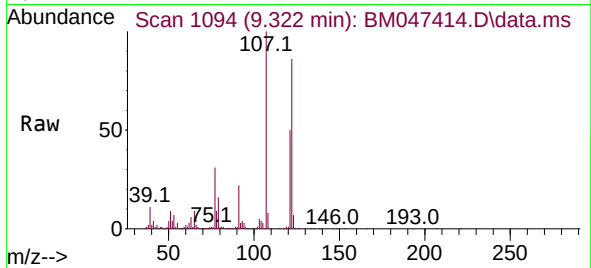
Tgt Ion:122 Resp: 595879

Ion Ratio Lower Upper

122 100

107 115.9 91.9 137.9

121 57.9 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.088 ng

RT: 9.539 min Scan# 1131

Delta R.T. -0.012 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

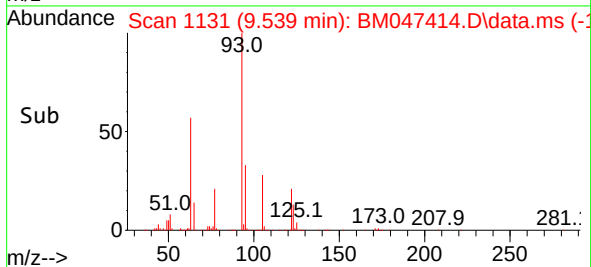
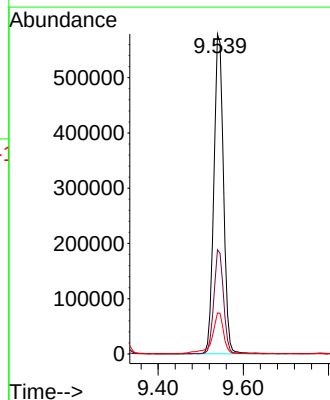
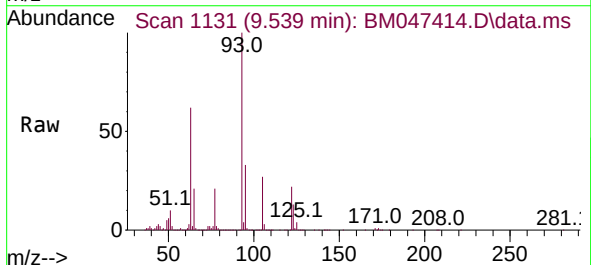
Tgt Ion: 93 Resp: 905019

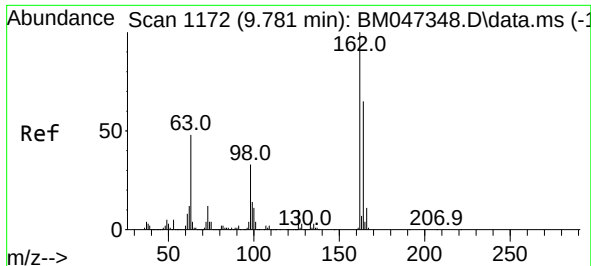
Ion Ratio Lower Upper

93 100

95 32.5 26.6 39.8

123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 53.848 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

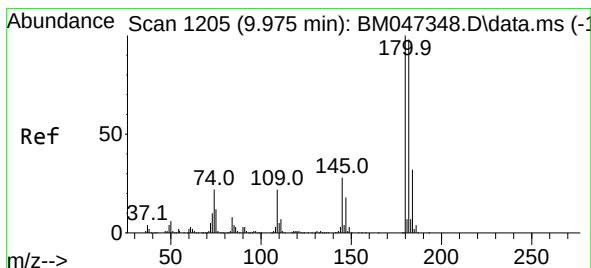
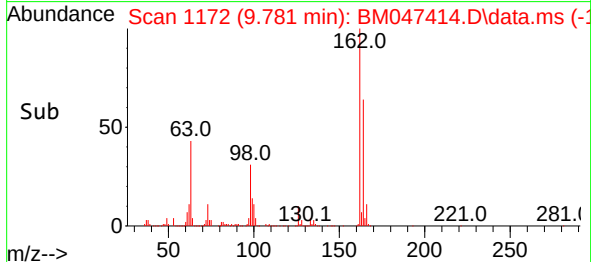
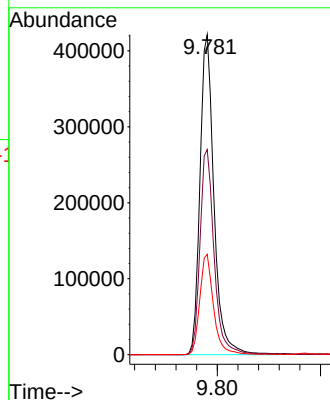
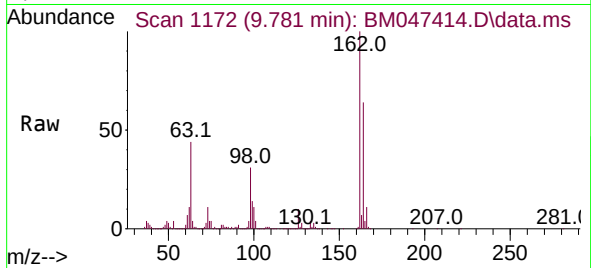
Tgt Ion:162 Resp: 792098

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

98 31.3 13.2 53.2



#30

1,2,4-Trichlorobenzene

Concen: 50.805 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

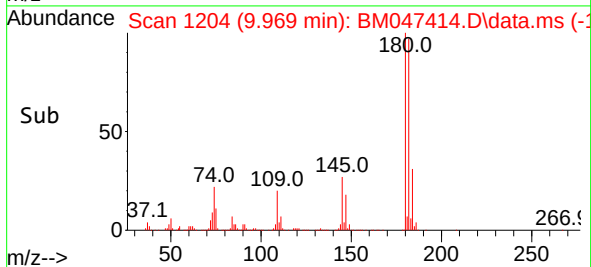
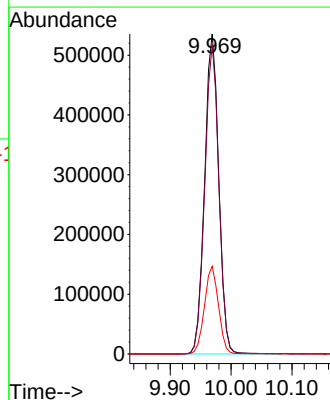
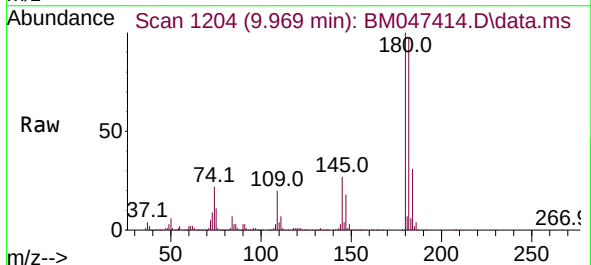
Tgt Ion:180 Resp: 863204

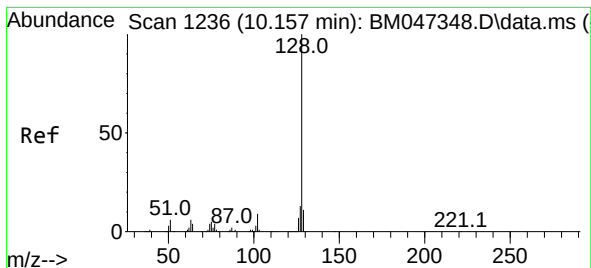
Ion Ratio Lower Upper

180 100

182 96.7 78.2 117.2

145 27.4 22.3 33.5

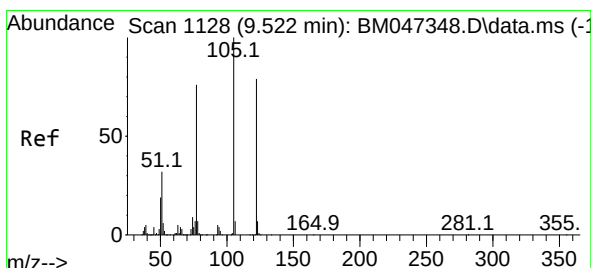
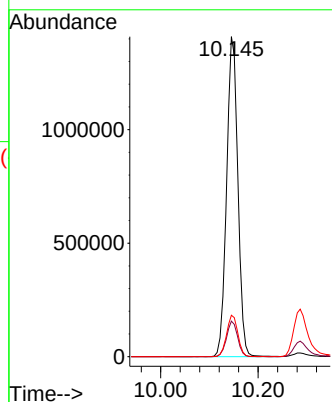
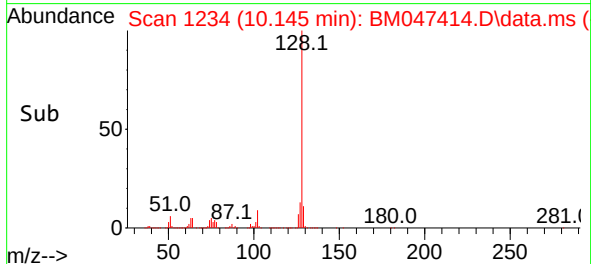
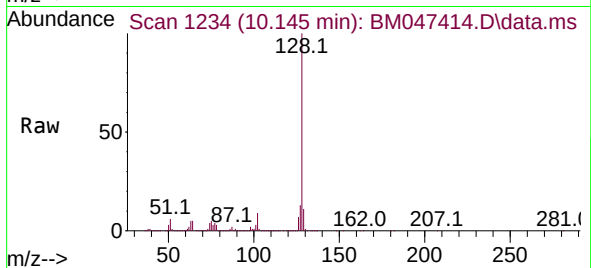




#31
Naphthalene
Concen: 50.476 ng
RT: 10.145 min Scan# 1130
Delta R.T. -0.012 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

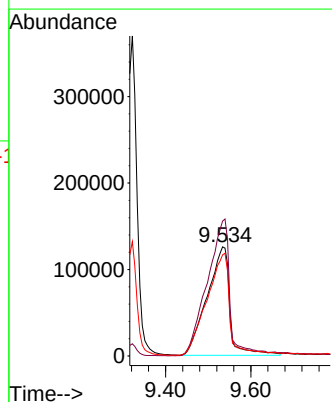
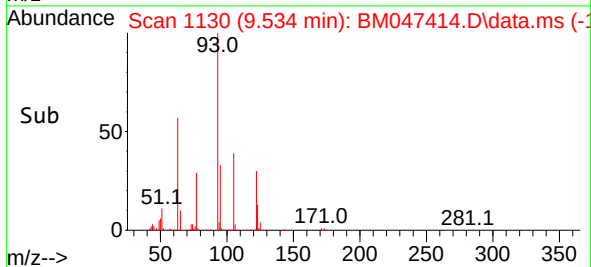
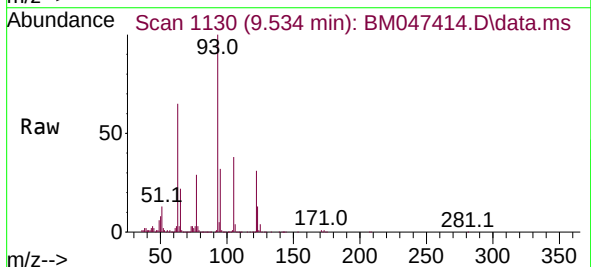
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

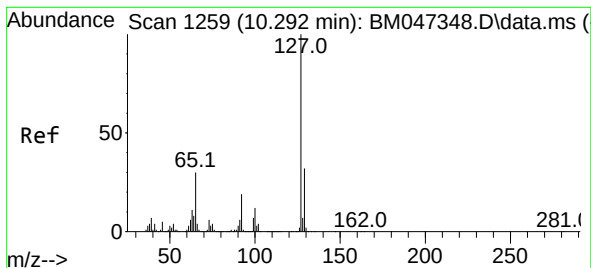
Tgt Ion:128 Resp: 2271579
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 41.195 ng
RT: 9.534 min Scan# 1130
Delta R.T. 0.012 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:122 Resp: 466467
Ion Ratio Lower Upper
122 100
105 123.6 106.0 146.0
77 92.7 76.3 116.3





#33

4-Chloroaniline

Concen: 26.453 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

Tgt Ion:127 Resp: 442652

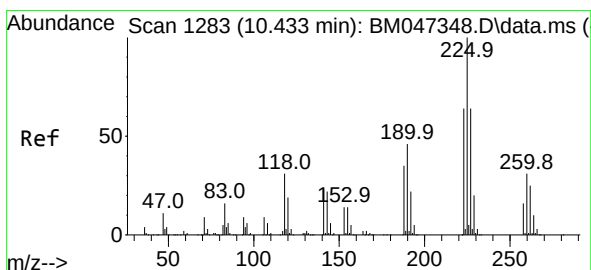
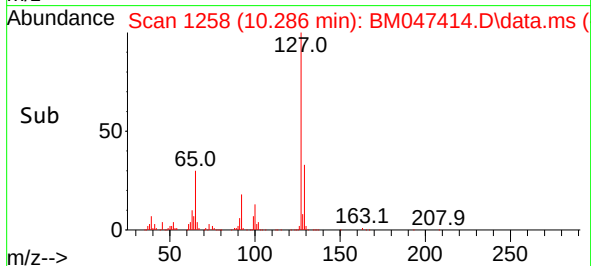
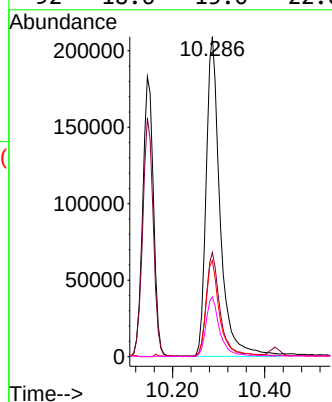
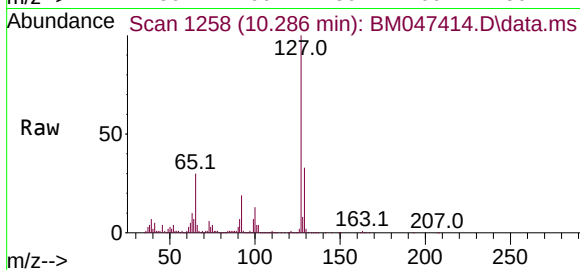
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.8

65 30.0 24.2 36.2

92 18.6 15.0 22.6



#34

Hexachlorobutadiene

Concen: 52.786 ng

RT: 10.422 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

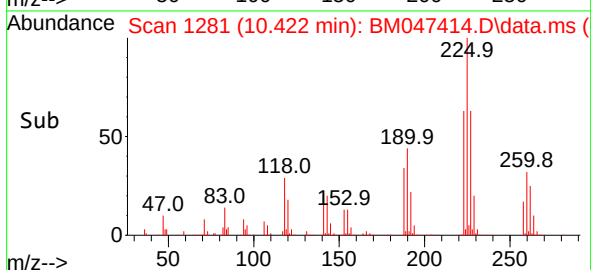
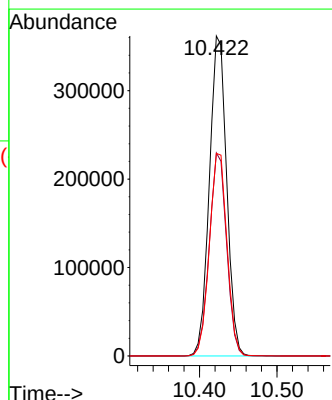
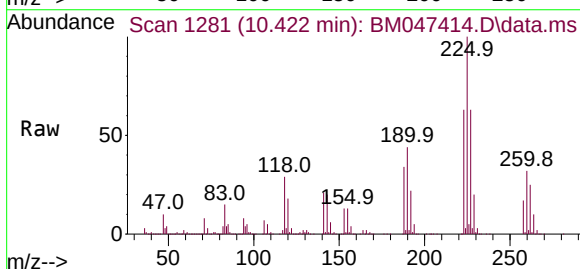
Tgt Ion:225 Resp: 560121

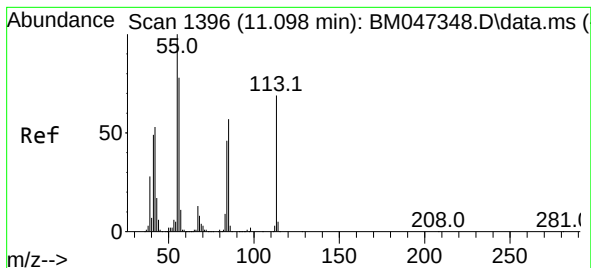
Ion Ratio Lower Upper

225 100

223 63.5 51.1 76.7

227 63.3 51.0 76.6





#35

Caprolactam

Concen: 45.756 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

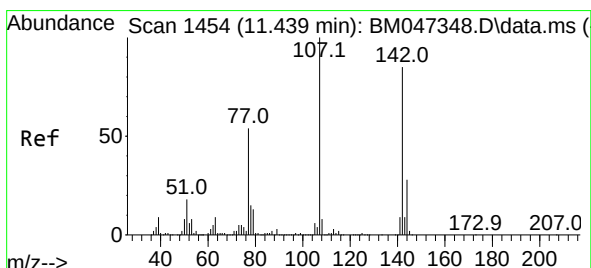
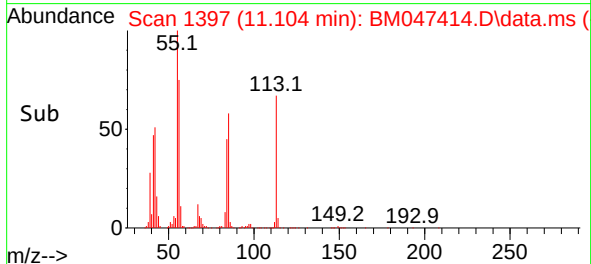
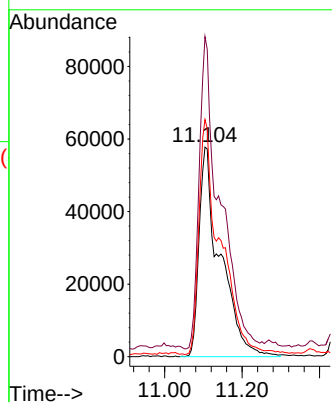
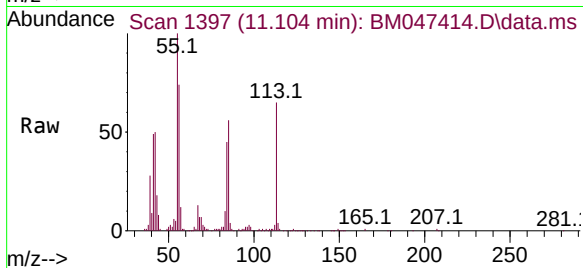
Tgt Ion:113 Resp: 218039

Ion Ratio Lower Upper

113 100

55 152.7 126.2 166.2

56 113.1 93.2 133.2



#36

4-Chloro-3-methylphenol

Concen: 47.281 ng

RT: 11.445 min Scan# 1455

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

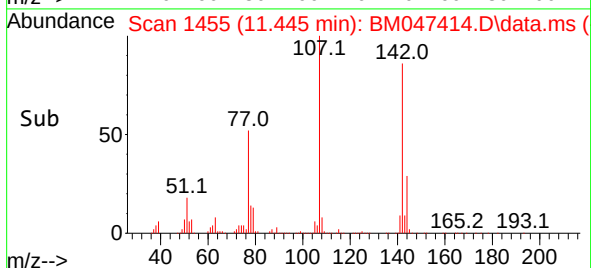
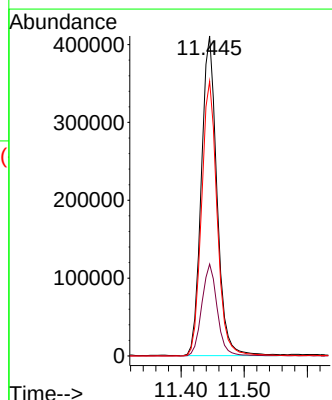
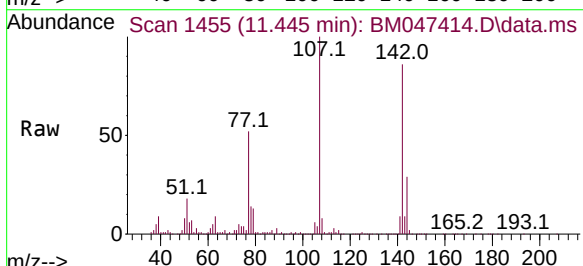
Tgt Ion:107 Resp: 706283

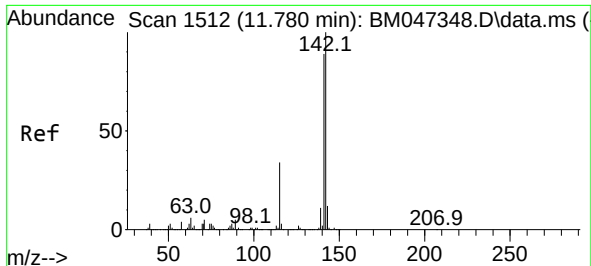
Ion Ratio Lower Upper

107 100

144 28.7 22.2 33.4

142 85.8 67.7 101.5





#37

2-Methylnaphthalene

Concen: 49.938 ng

RT: 11.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

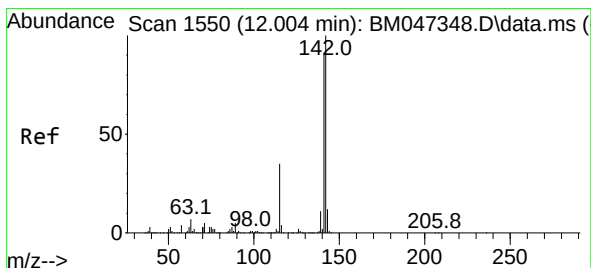
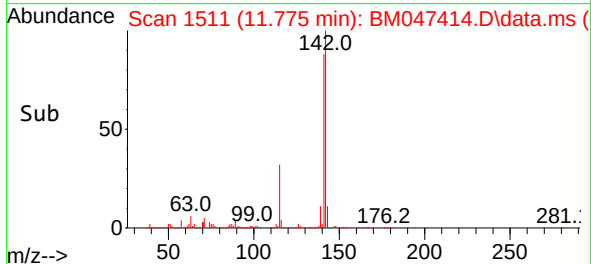
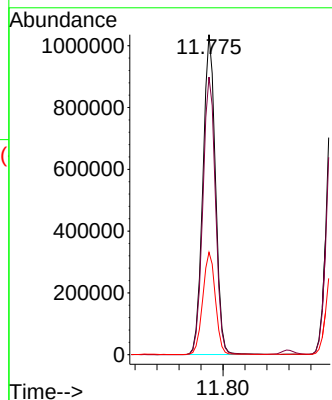
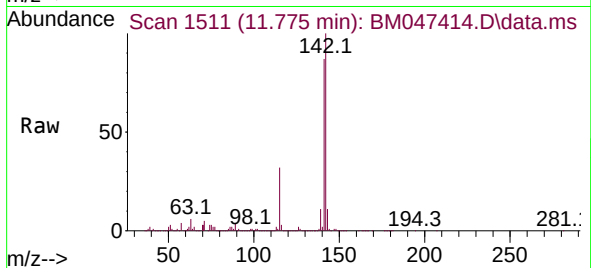
Tgt Ion:142 Resp: 1638653

Ion Ratio Lower Upper

142 100

141 86.7 70.8 106.2

115 32.0 27.5 41.3



#38

1-Methylnaphthalene

Concen: 46.701 ng

RT: 11.998 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

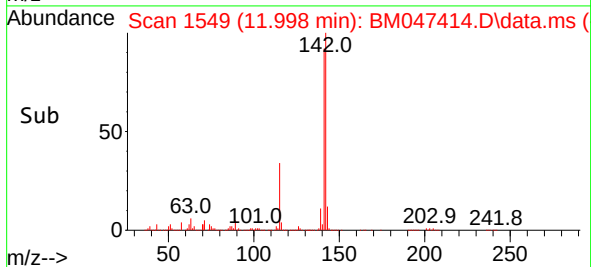
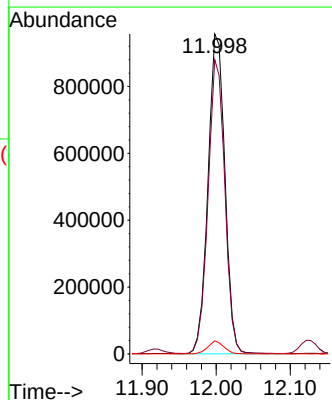
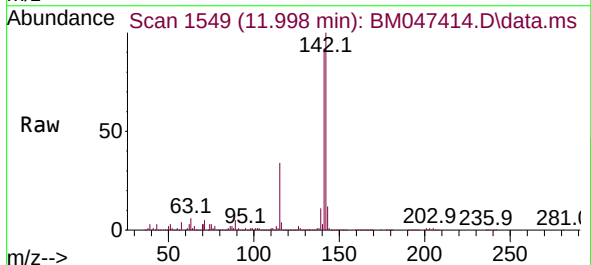
Tgt Ion:142 Resp: 1515602

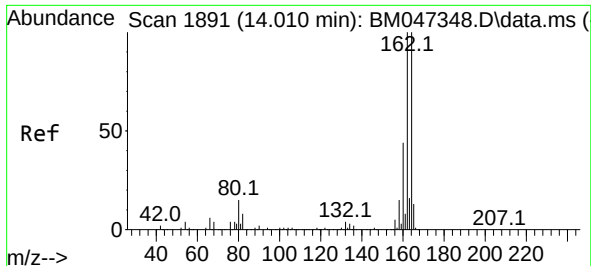
Ion Ratio Lower Upper

142 100

141 92.0 72.9 109.3

116 4.1 3.0 4.6

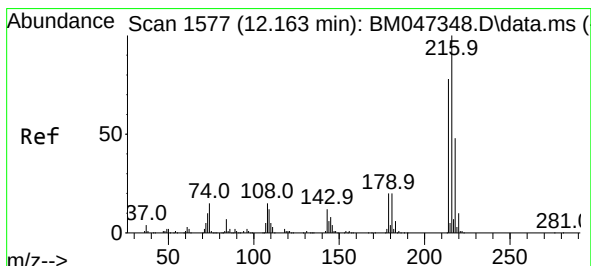
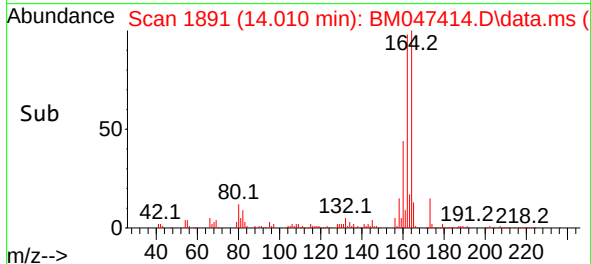
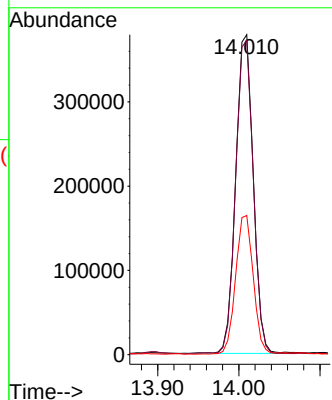
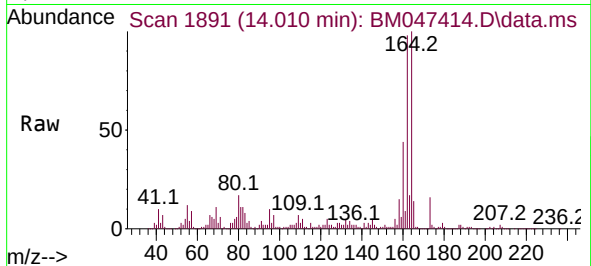




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

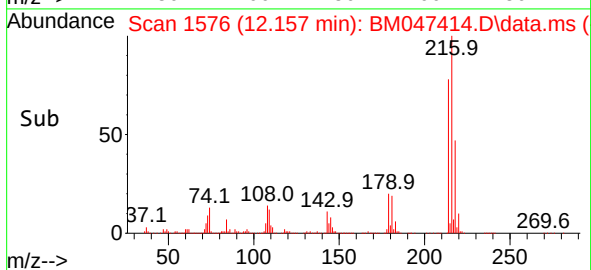
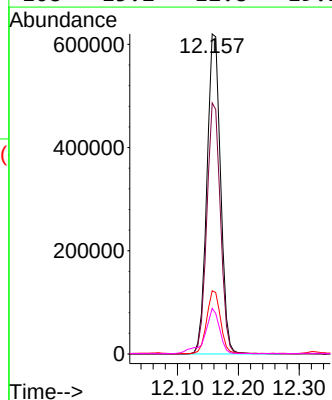
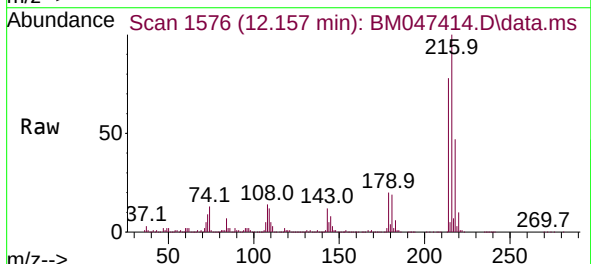
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

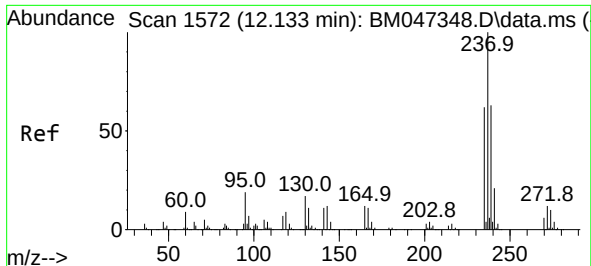
Tgt Ion:164 Resp: 566513
Ion Ratio Lower Upper
164 100
162 98.2 79.7 119.5
160 43.5 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.574 ng
RT: 12.157 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

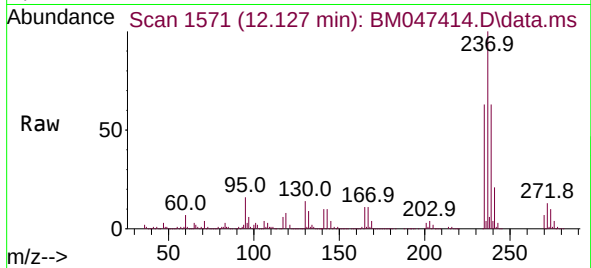
Tgt Ion:216 Resp: 965836
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 19.9 16.6 24.8
108 15.2 12.8 19.2



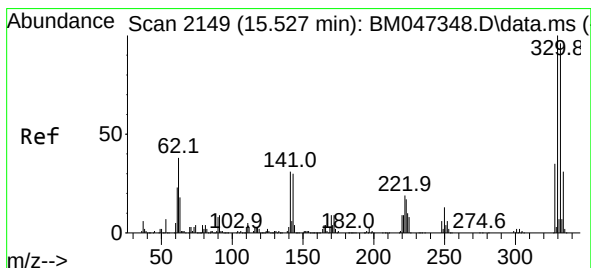
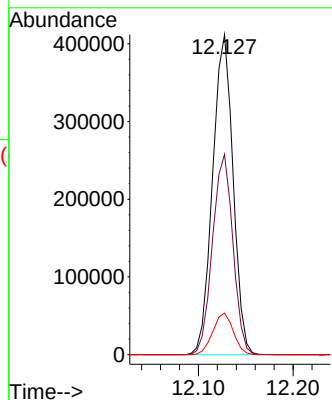
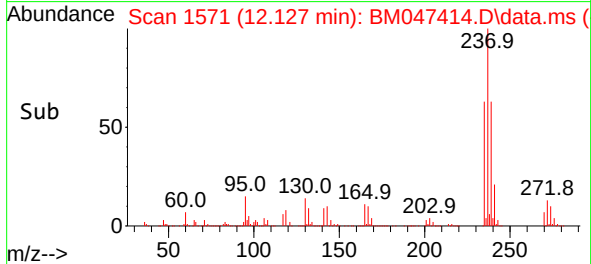


#41
Hexachlorocyclopentadiene
Concen: 116.497 ng
RT: 12.127 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

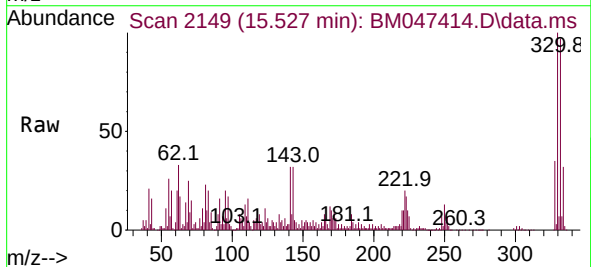
Instrument :
BNA_M
ClientSampleId :
RT-857MSD



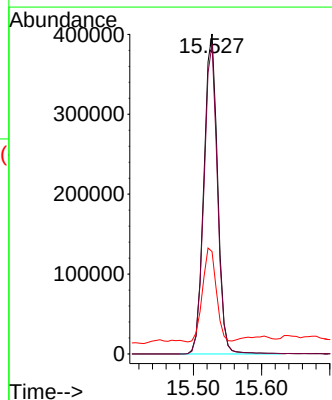
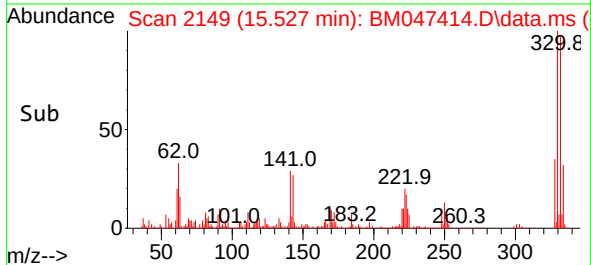
Tgt Ion:237 Resp: 616788
Ion Ratio Lower Upper
237 100
235 62.6 42.1 82.1
272 13.0 0.0 32.3

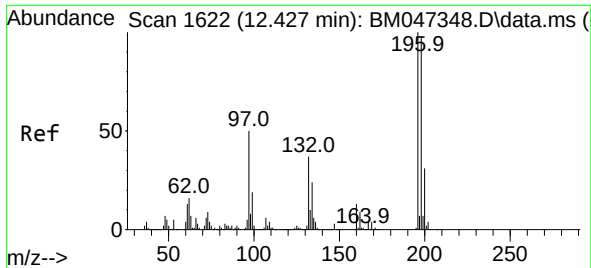


#42
2,4,6-Tribromophenol
Concen: 81.903 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18



Tgt Ion:330 Resp: 559801
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 29.4 27.6 41.4

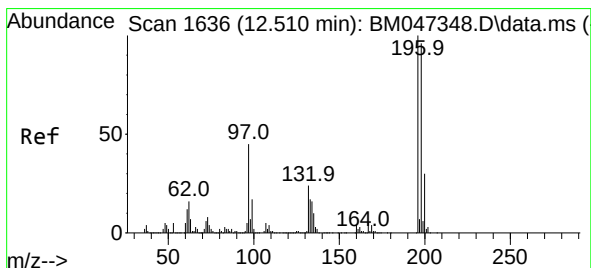
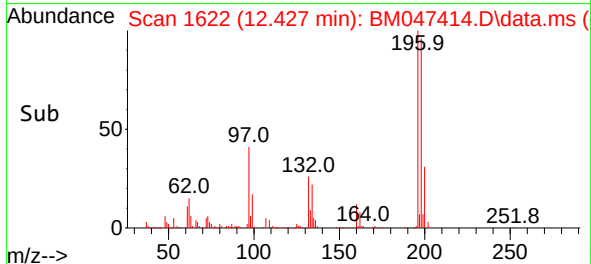
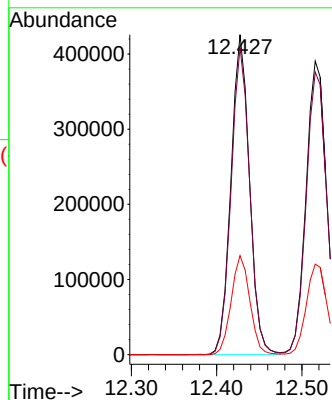
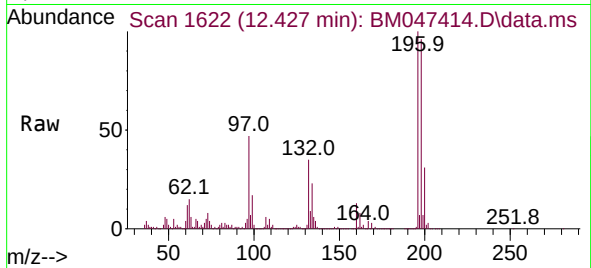




#43
2,4,6-Trichlorophenol
Concen: 56.059 ng
RT: 12.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

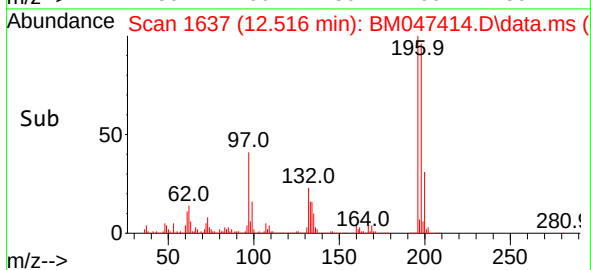
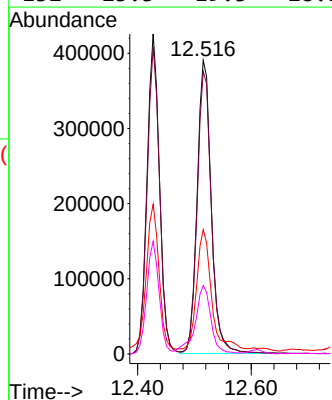
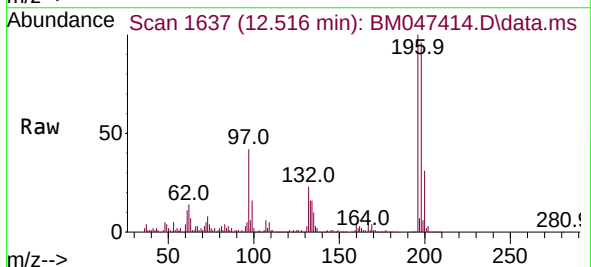
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

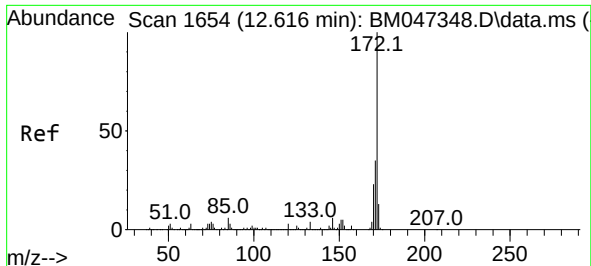
Tgt Ion:196 Resp: 644675
Ion Ratio Lower Upper
196 100
198 96.1 78.2 117.2
200 31.0 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 53.104 ng
RT: 12.516 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:196 Resp: 678211
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
97 42.4 35.9 53.9
132 23.3 19.3 28.9

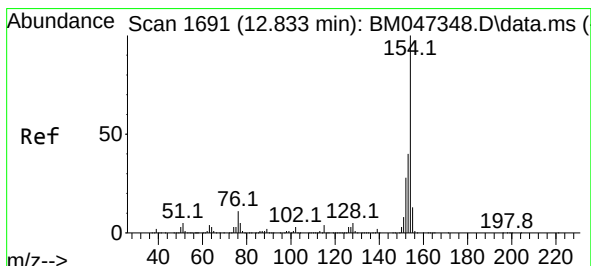
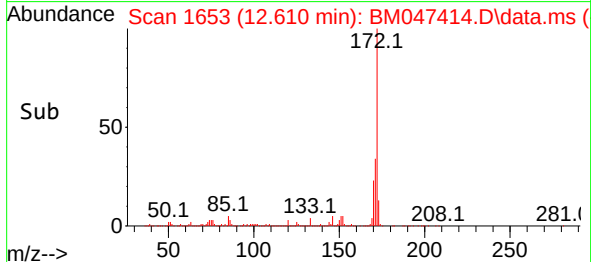
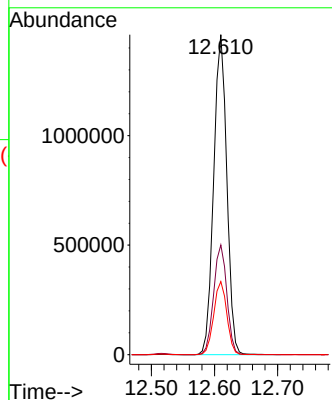
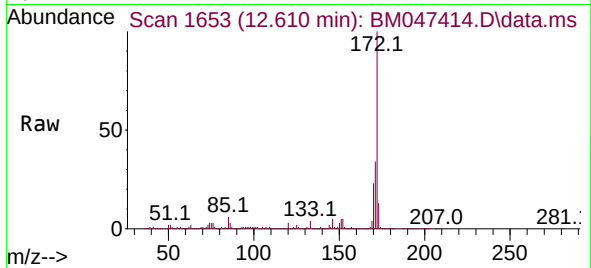




#45
2-Fluorobiphenyl
Concen: 57.227 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

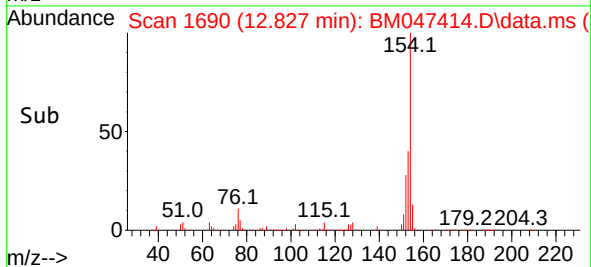
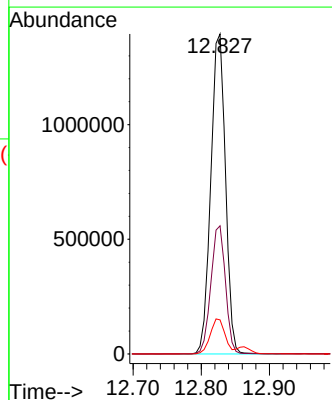
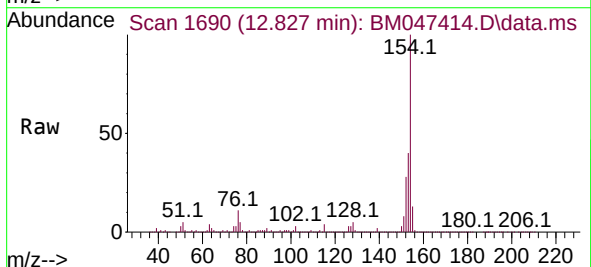
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

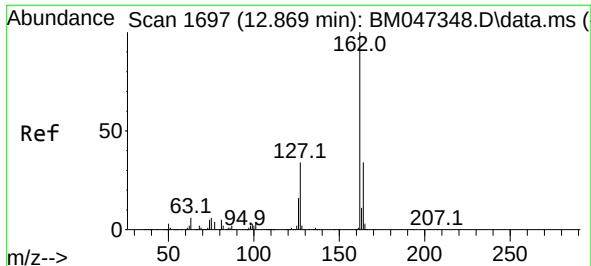
Tgt Ion:172 Resp: 2109972
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 52.789 ng
RT: 12.827 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:154 Resp: 2088188
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 10.7 0.0 31.2

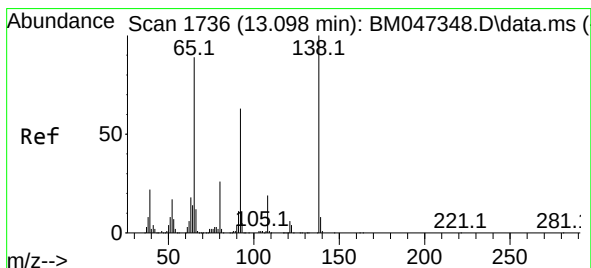
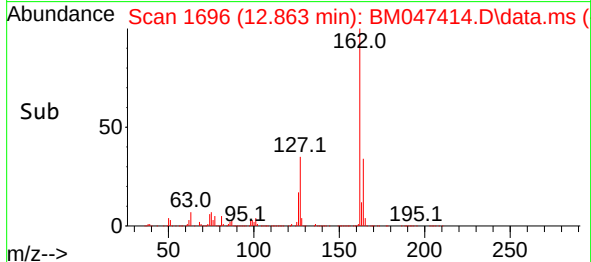
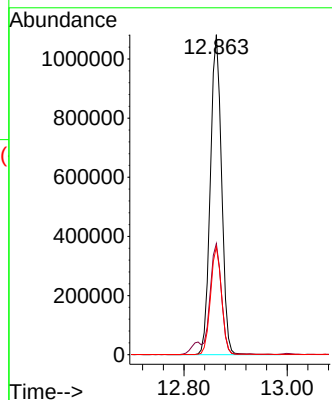
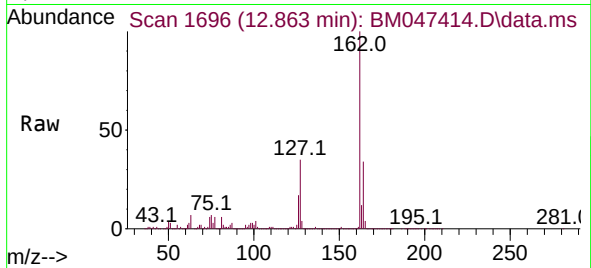




#47
2-Chloronaphthalene
Concen: 52.495 ng
RT: 12.863 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

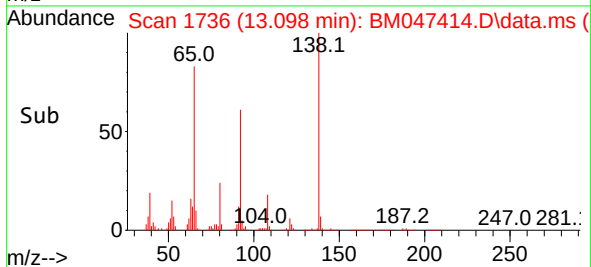
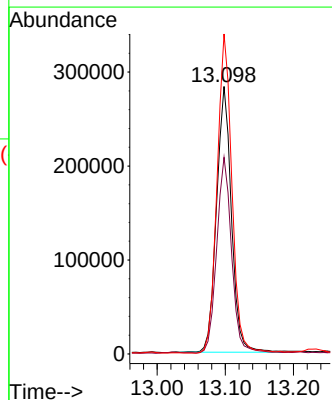
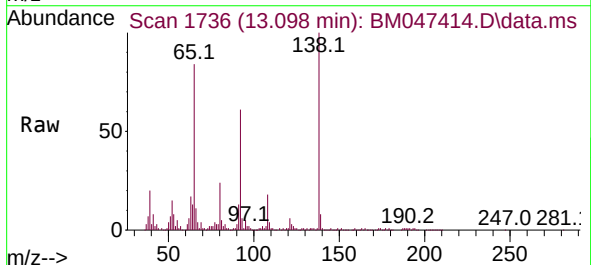
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

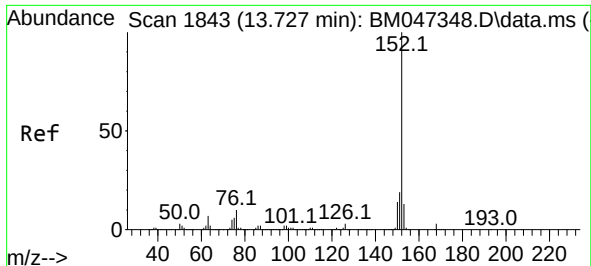
Tgt Ion:162 Resp: 1627286
Ion Ratio Lower Upper
162 100
127 34.7 28.3 42.5
164 33.7 27.0 40.4



#48
2-Nitroaniline
Concen: 49.780 ng
RT: 13.098 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion: 65 Resp: 432259
Ion Ratio Lower Upper
65 100
92 73.5 57.0 85.6
138 119.6 90.0 135.0

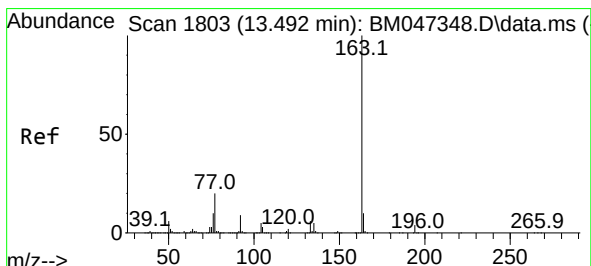
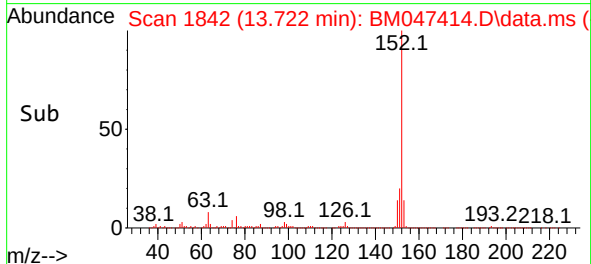
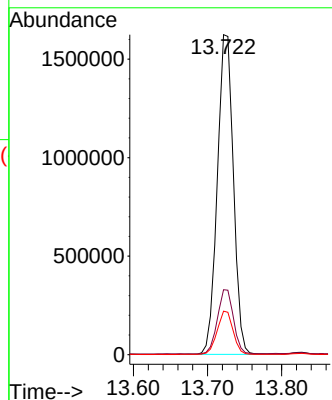
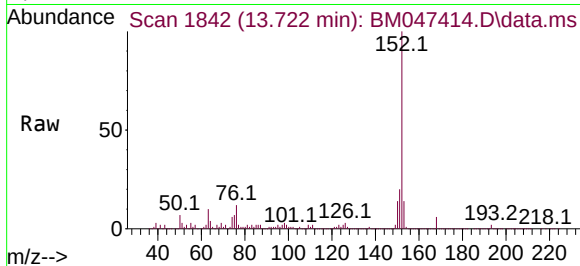




#49
Acenaphthylene
Concen: 54.308 ng
RT: 13.722 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

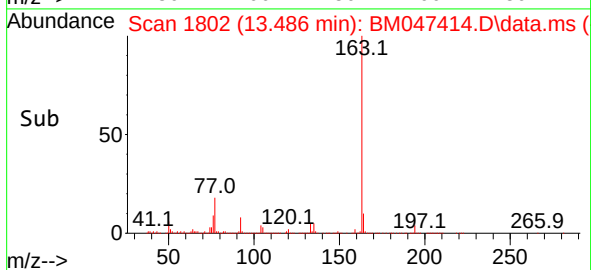
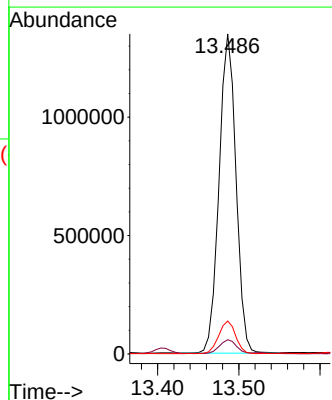
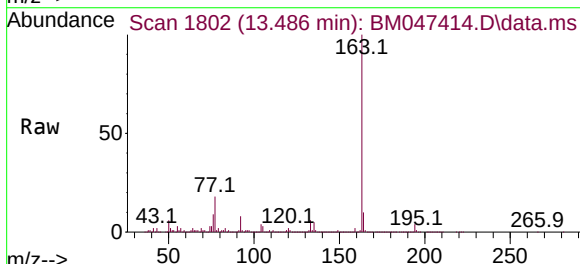
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

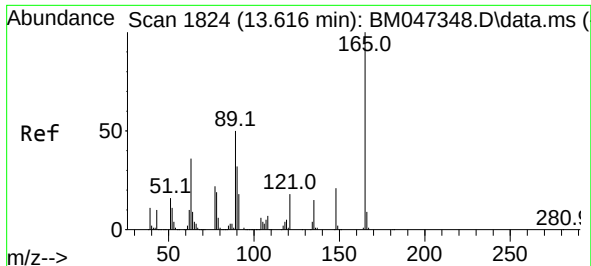
Tgt Ion:152 Resp: 2446781
Ion Ratio Lower Upper
152 100
151 20.3 15.4 23.0
153 13.6 10.6 15.8



#50
Dimethylphthalate
Concen: 50.070 ng
RT: 13.486 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:163 Resp: 1954486
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.3 8.2 12.4

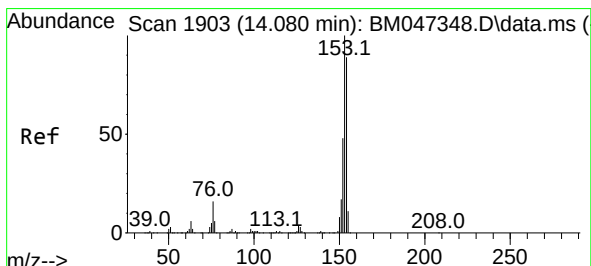
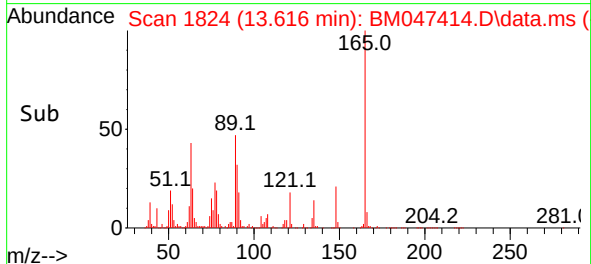
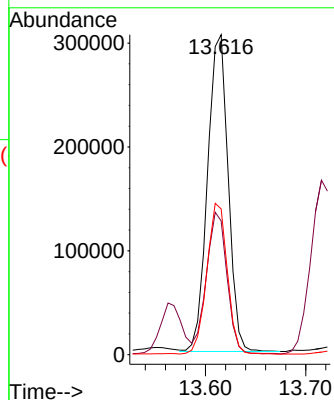
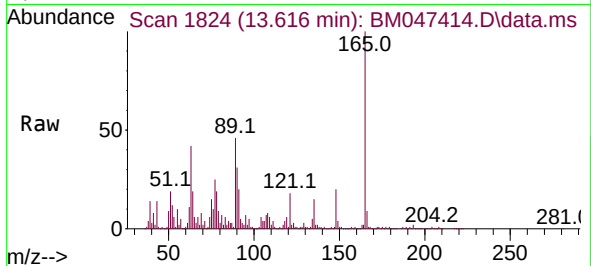




#51
2,6-Dinitrotoluene
Concen: 47.968 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

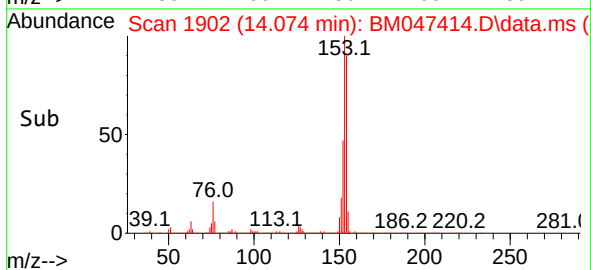
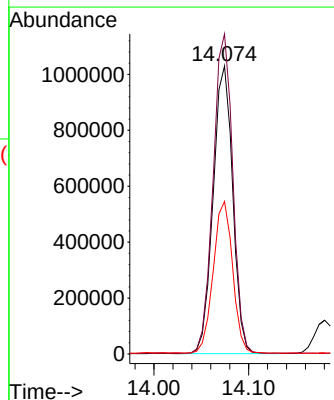
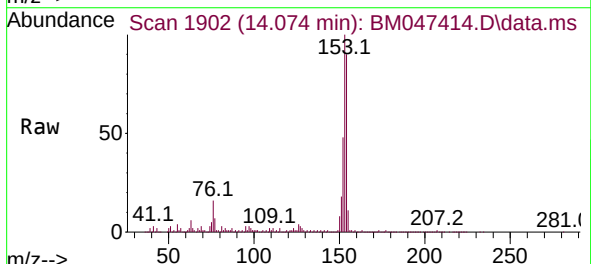
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

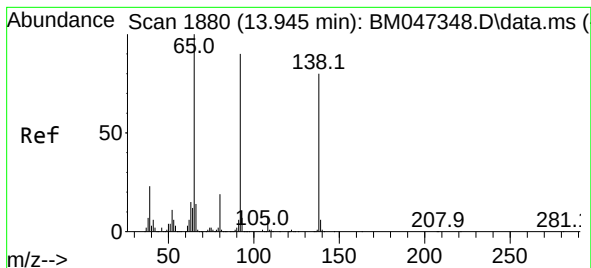
Tgt Ion:165 Resp: 435960
Ion Ratio Lower Upper
165 100
63 41.8 38.2 57.4
89 45.6 40.4 60.6



#52
Acenaphthene
Concen: 51.671 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:154 Resp: 1477819
Ion Ratio Lower Upper
154 100
153 111.1 89.5 134.3
152 52.9 43.0 64.4





#53

3-Nitroaniline

Concen: 33.465 ng

RT: 13.951 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

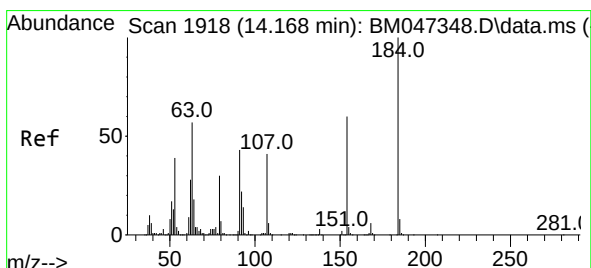
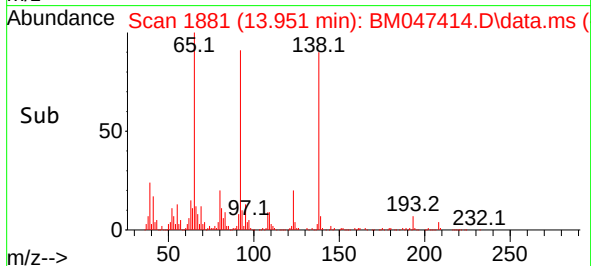
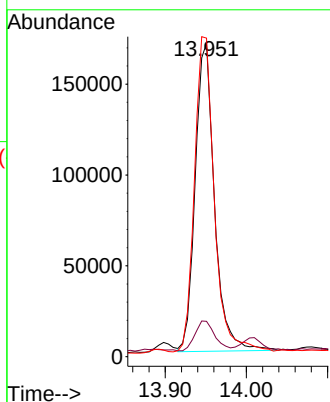
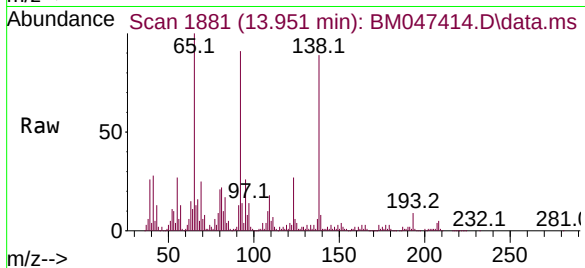
Tgt Ion:138 Resp: 280658

Ion Ratio Lower Upper

138 100

108 11.3 8.0 12.0

92 101.6 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 64.576 ng

RT: 14.180 min Scan# 1920

Delta R.T. 0.012 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

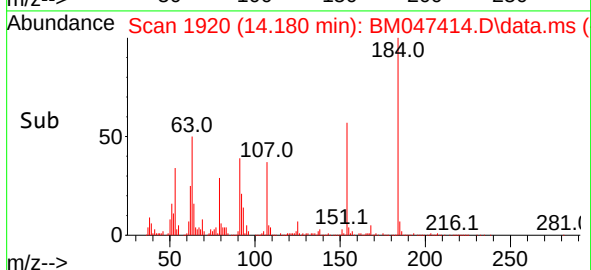
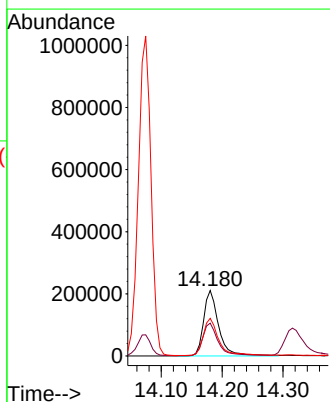
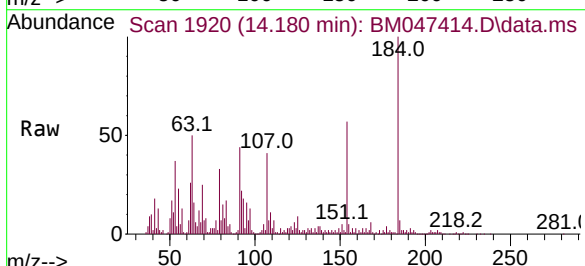
Tgt Ion:184 Resp: 361432

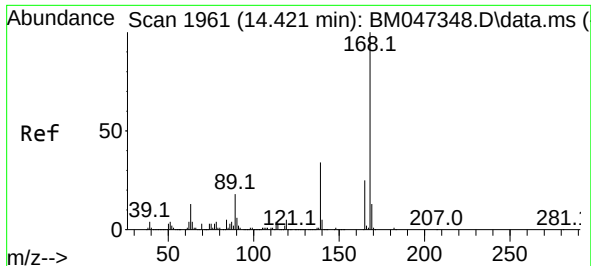
Ion Ratio Lower Upper

184 100

63 50.0 45.7 68.5

154 57.3 48.5 72.7

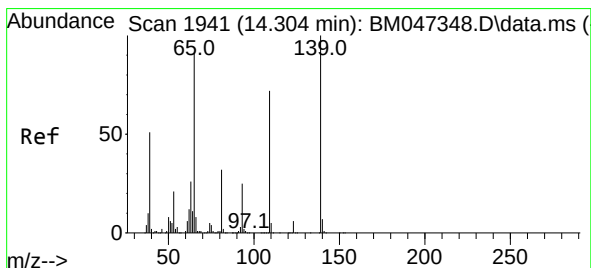
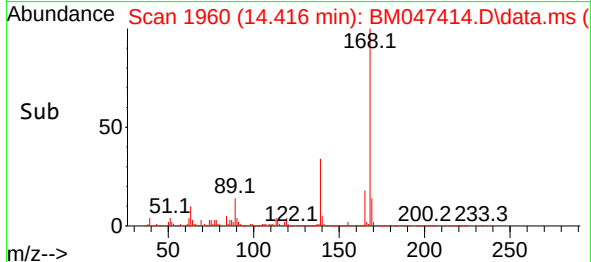
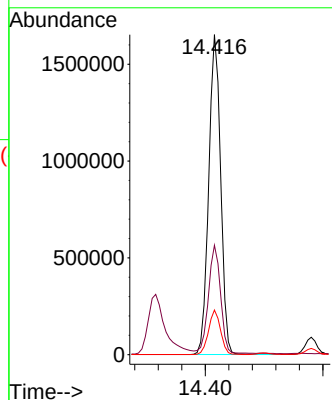
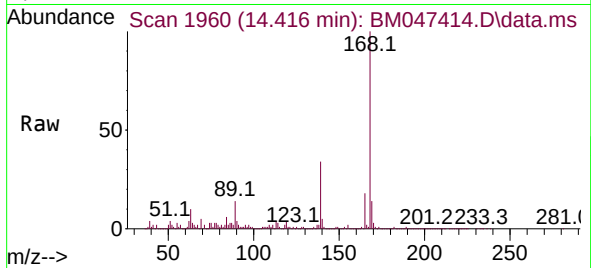




#55
Dibenzenofuran
Concen: 50.337 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

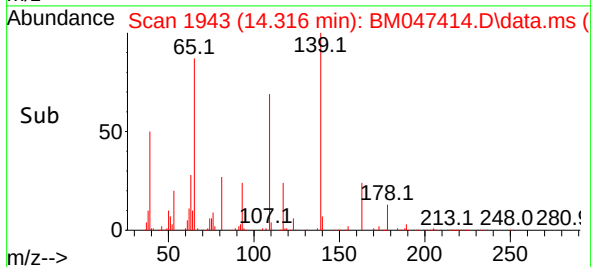
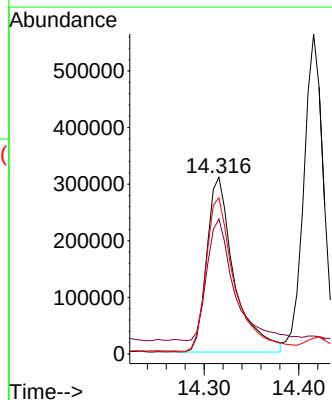
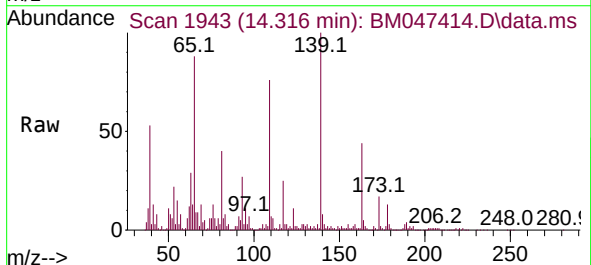
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

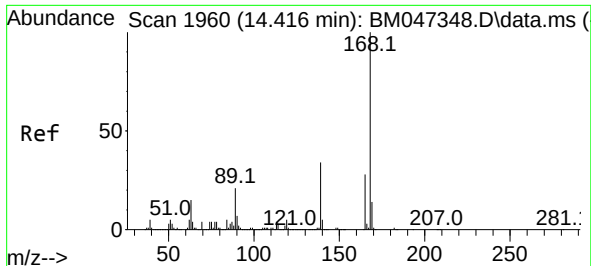
Tgt Ion:168 Resp: 2318914
Ion Ratio Lower Upper
168 100
139 34.2 27.5 41.3
169 14.0 10.5 15.7



#56
4-Nitrophenol
Concen: 94.780 ng
RT: 14.316 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:139 Resp: 621336
Ion Ratio Lower Upper
139 100
109 76.4 51.6 91.6
65 88.4 71.7 111.7

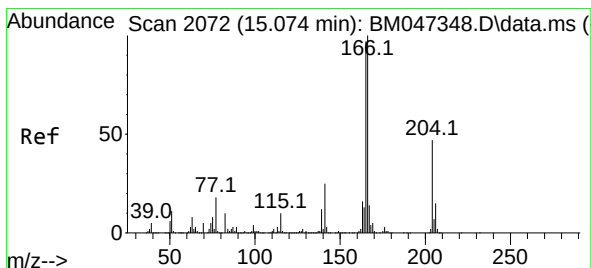
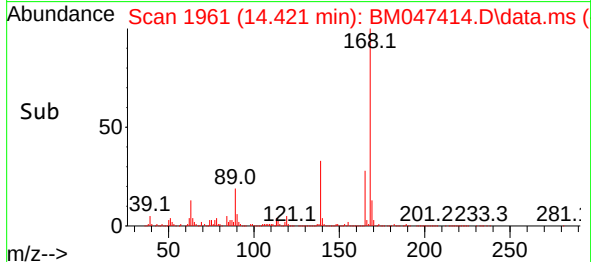
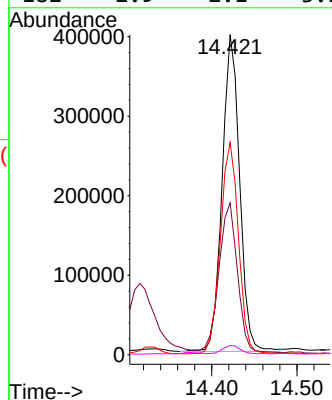
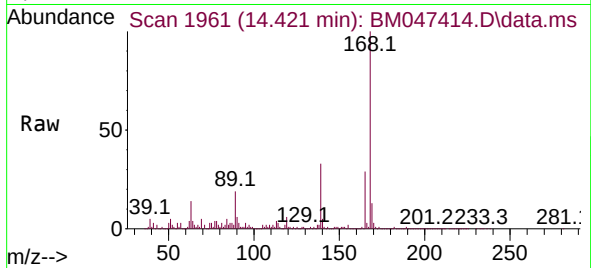




#57
2,4-Dinitrotoluene
Concen: 48.358 ng
RT: 14.421 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

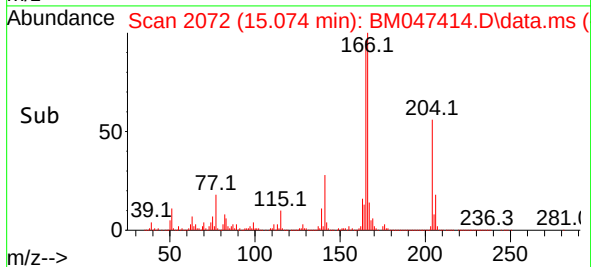
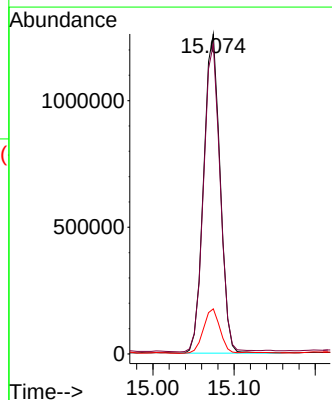
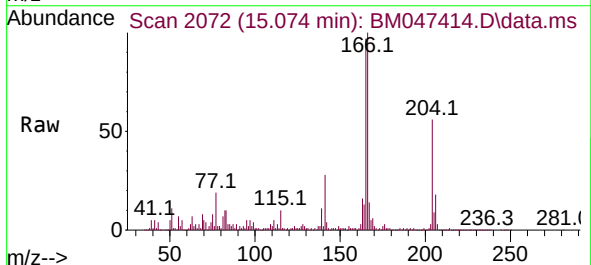
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

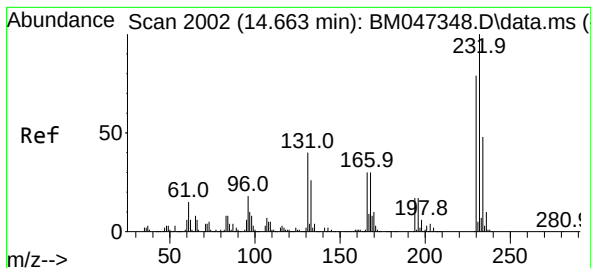
Tgt Ion:165 Resp: 568947
Ion Ratio Lower Upper
165 100
63 47.5 42.2 63.4
89 66.3 59.3 88.9
182 2.9 2.1 3.1



#58
Fluorene
Concen: 47.565 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:166 Resp: 1773384
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.6
167 14.1 11.1 16.7

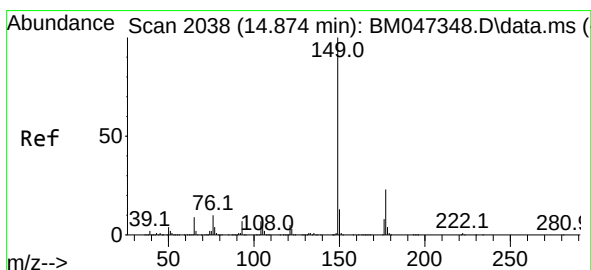
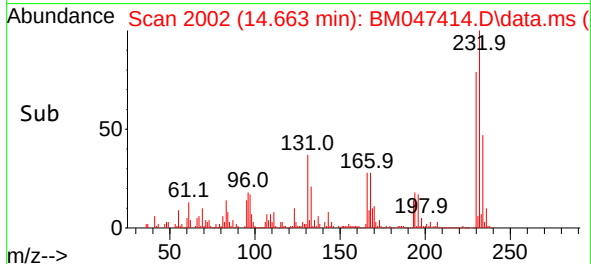
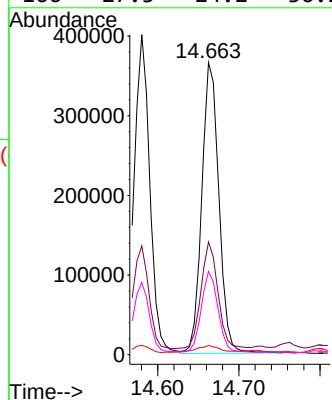
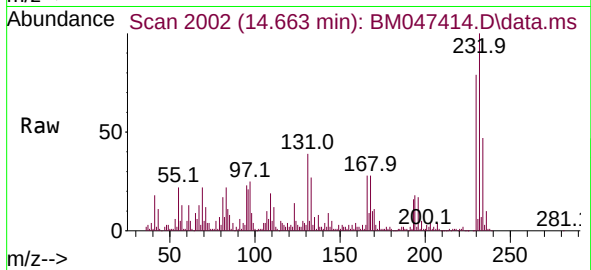




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.937 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

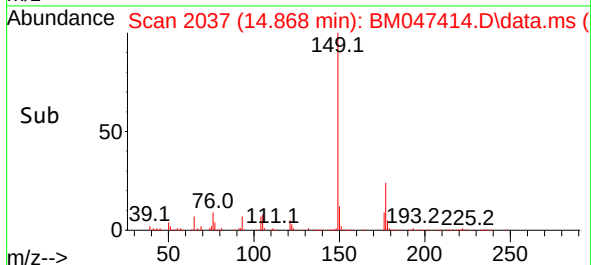
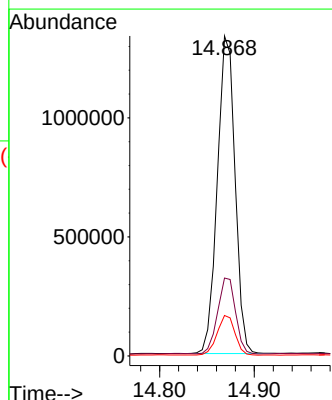
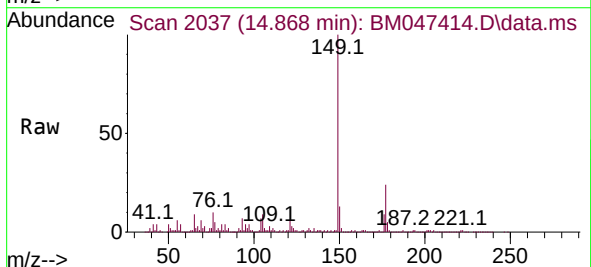
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

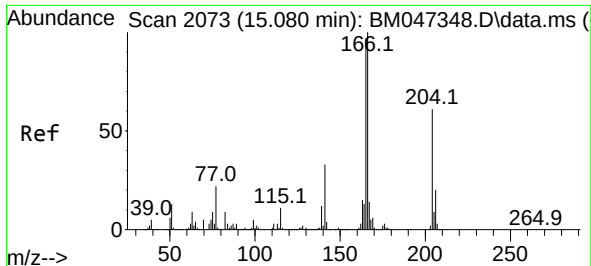
Tgt Ion:232 Resp: 534335
Ion Ratio Lower Upper
232 100
131 36.2 31.7 47.5
130 3.1 1.7 2.5#
166 27.3 24.2 36.2



#60
Diethylphthalate
Concen: 45.055 ng
RT: 14.868 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:149 Resp: 1734844
Ion Ratio Lower Upper
149 100
177 24.3 18.6 28.0
150 12.6 10.2 15.4

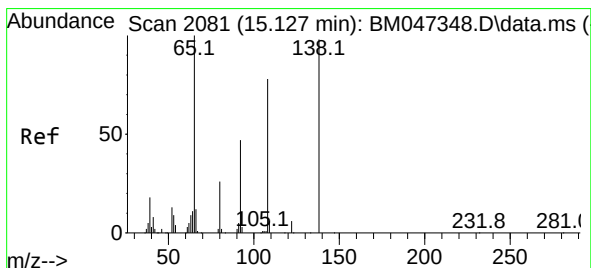
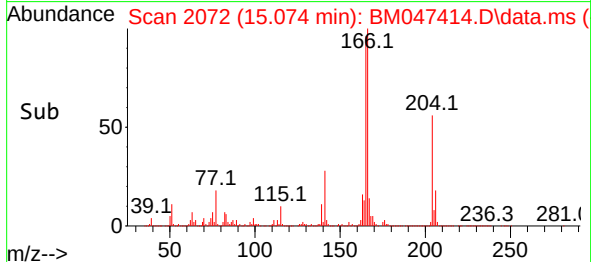
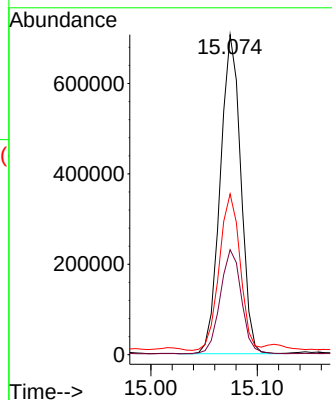
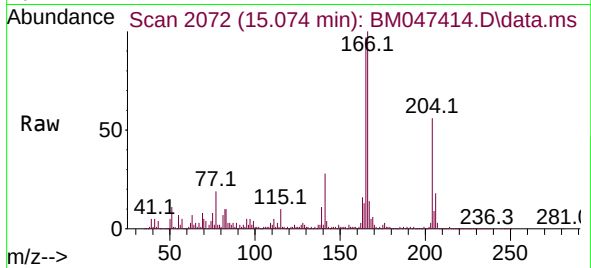




#61
4-Chlorophenyl-phenylether
Concen: 49.615 ng
RT: 15.074 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

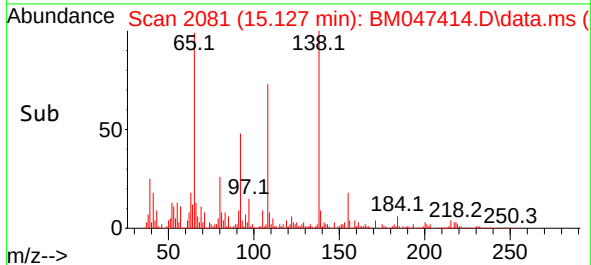
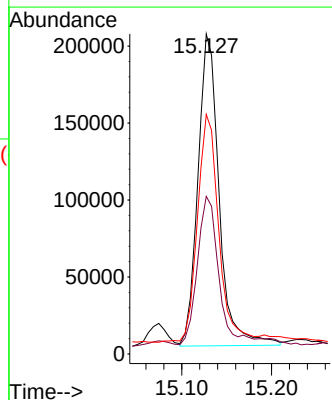
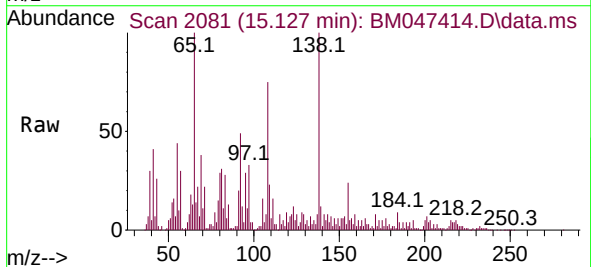
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

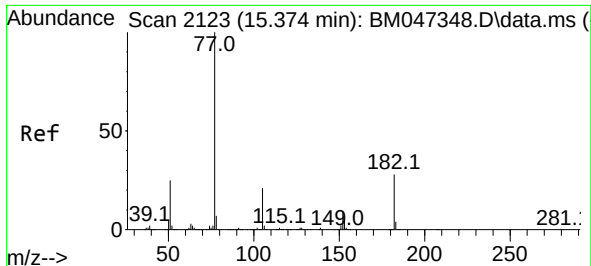
Tgt Ion:204 Resp: 941011
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 50.2 42.8 64.2



#62
4-Nitroaniline
Concen: 42.820 ng
RT: 15.127 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:138 Resp: 332196
Ion Ratio Lower Upper
138 100
92 49.2 27.9 67.9
108 74.8 58.7 98.7

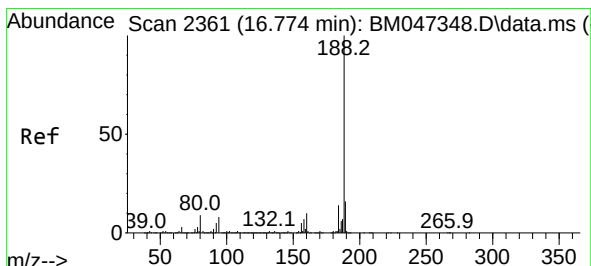
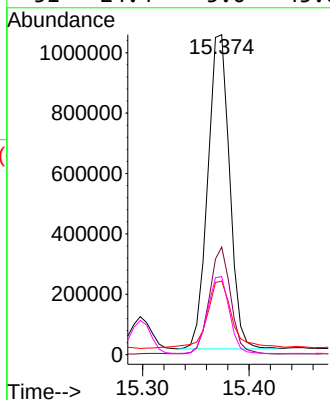
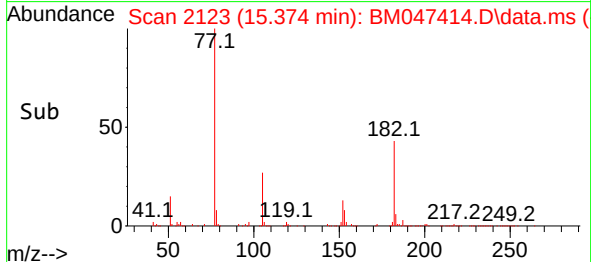
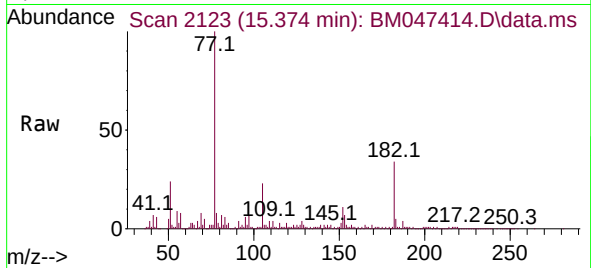




#63
Azobenzene
Concen: 44.223 ng
RT: 15.374 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

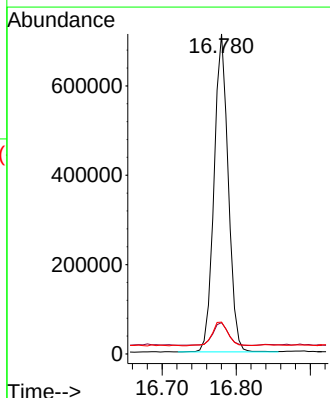
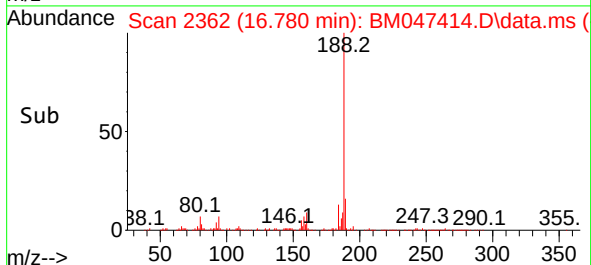
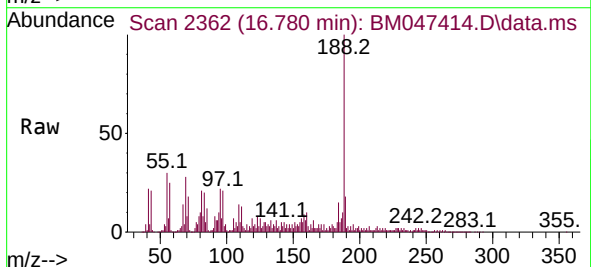
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

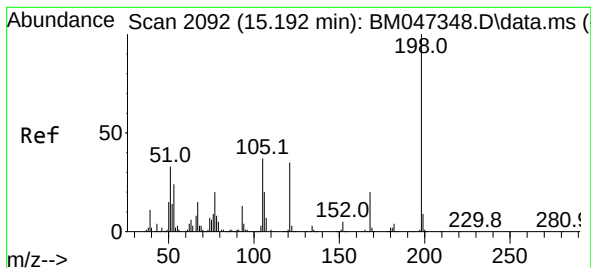
Tgt Ion: 77 Resp: 1482823
Ion Ratio Lower Upper
77 100
182 33.7 7.9 47.9
105 23.0 0.6 40.6
51 24.4 5.0 45.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:188 Resp: 944359
Ion Ratio Lower Upper
188 100
94 9.8 6.4 9.6#
80 10.0 7.4 11.2

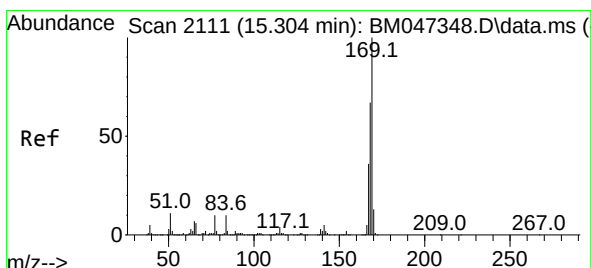
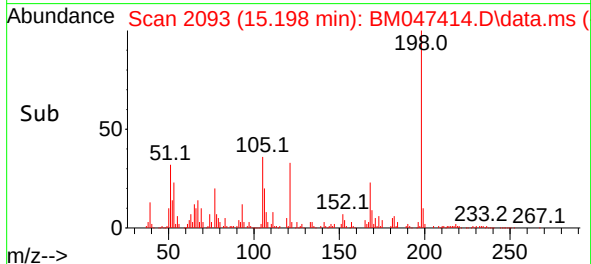
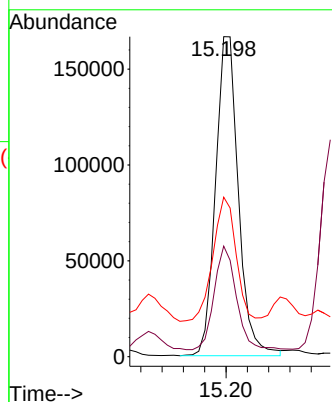
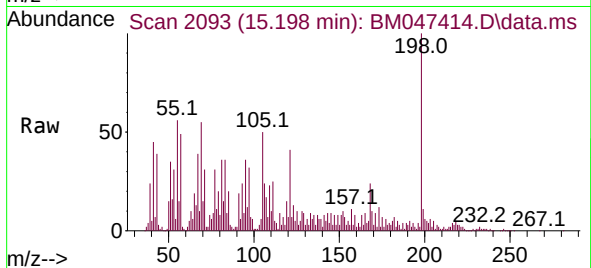




#65
4,6-Dinitro-2-methylphenol
Concen: 42.664 ng
RT: 15.198 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

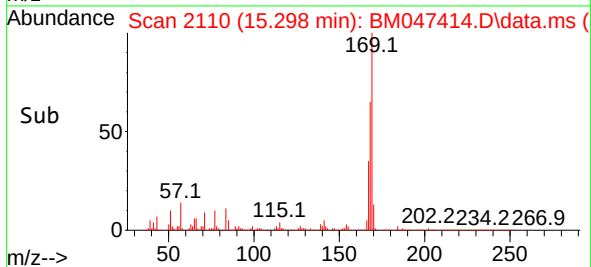
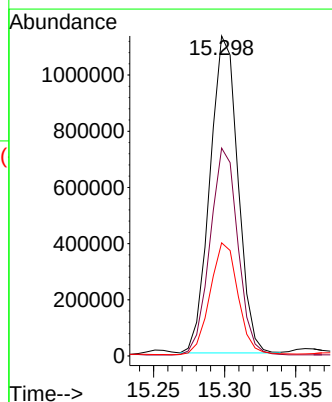
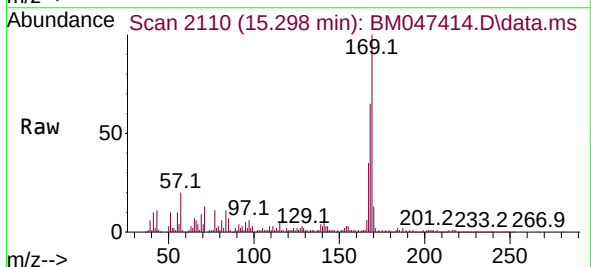
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

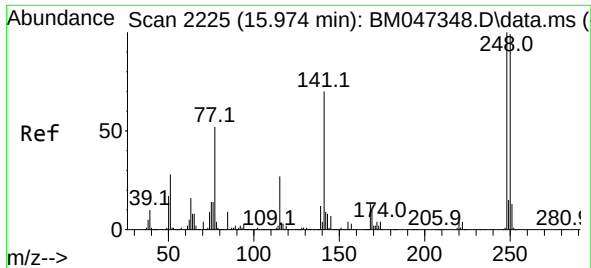
Tgt Ion:198 Resp: 247289
Ion Ratio Lower Upper
198 100
51 34.6 14.1 54.1
105 49.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 59.709 ng
RT: 15.298 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:169 Resp: 1542908
Ion Ratio Lower Upper
169 100
168 64.9 53.4 80.0
167 35.3 29.0 43.4

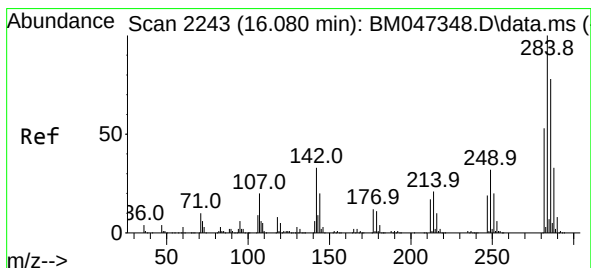
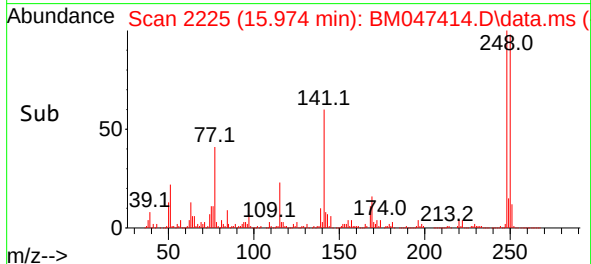
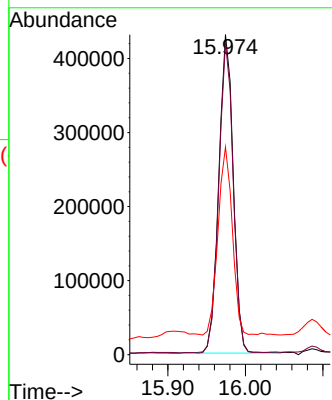
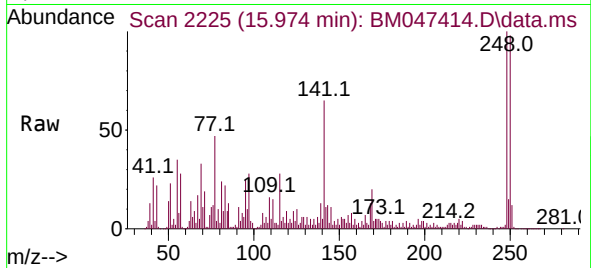




#67
4-Bromophenyl-phenylether
Concen: 56.214 ng
RT: 15.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

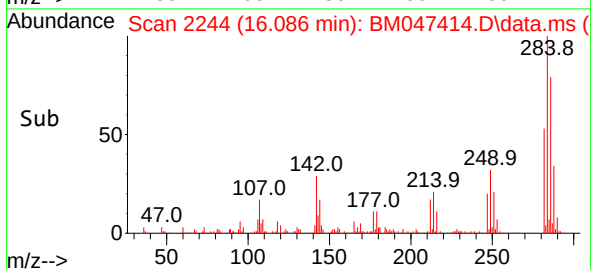
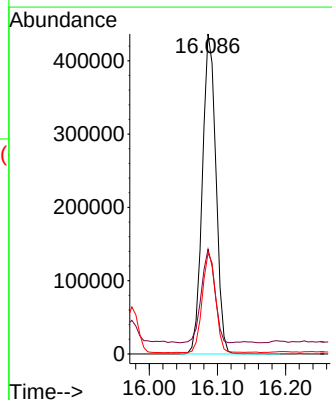
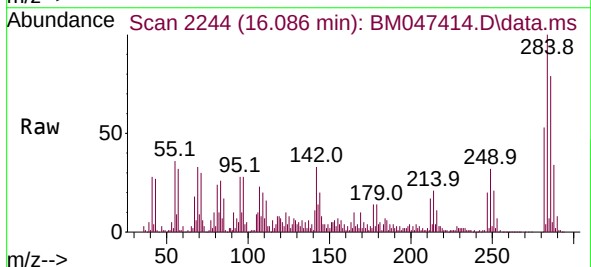
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

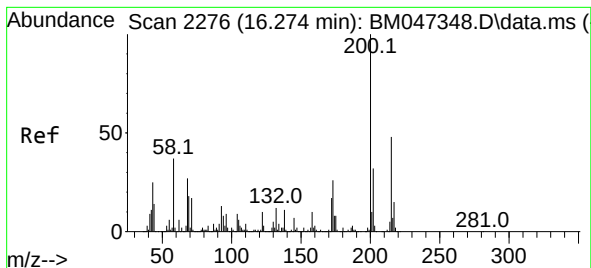
Tgt Ion:248 Resp: 560040
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 64.9 55.9 83.9



#68
Hexachlorobenzene
Concen: 52.566 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:284 Resp: 604857
Ion Ratio Lower Upper
284 100
142 32.8 26.5 39.7
249 31.6 25.5 38.3





#69

Atrazine

Concen: 63.675 ng

RT: 16.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

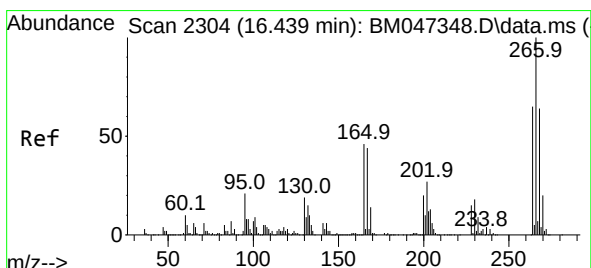
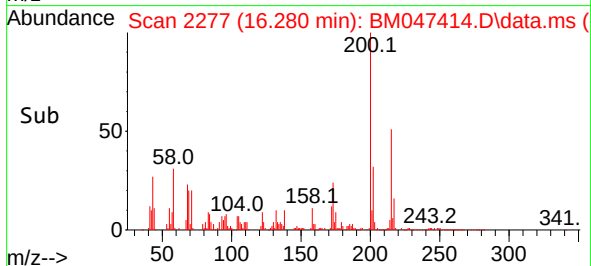
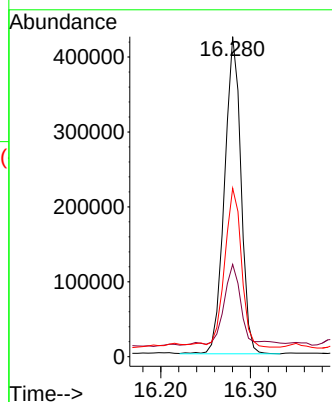
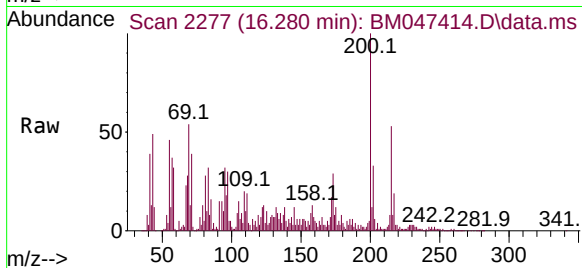
Tgt Ion:200 Resp: 537821

Ion Ratio Lower Upper

200 100

173 28.9 5.8 45.8

215 52.6 28.3 68.3



#70

Pentachlorophenol

Concen: 104.384 ng

RT: 16.451 min Scan# 2306

Delta R.T. 0.012 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

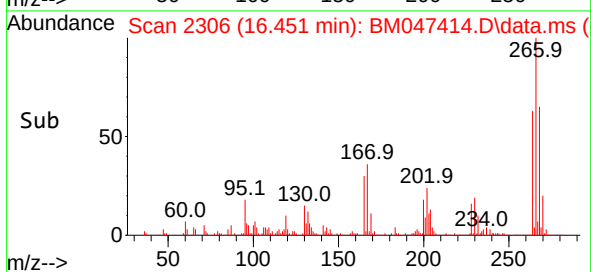
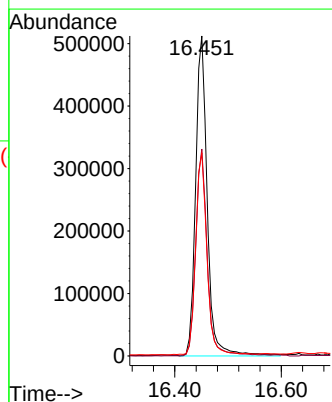
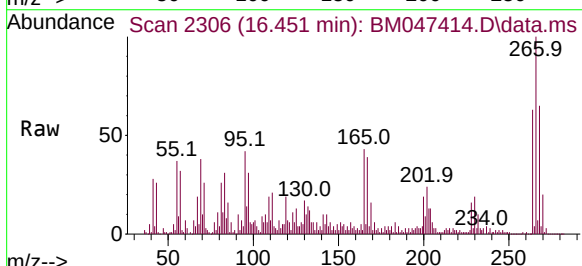
Tgt Ion:266 Resp: 776552

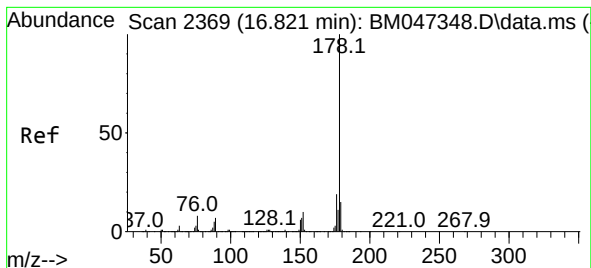
Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

264 63.5 51.9 77.9





#71

Phenanthrene

Concen: 53.634 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

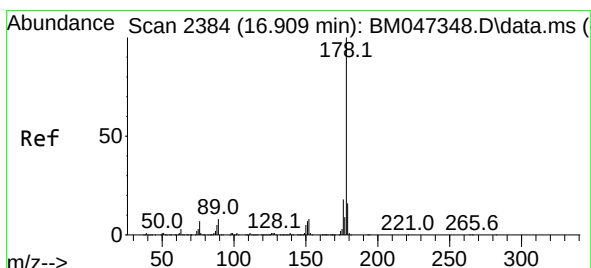
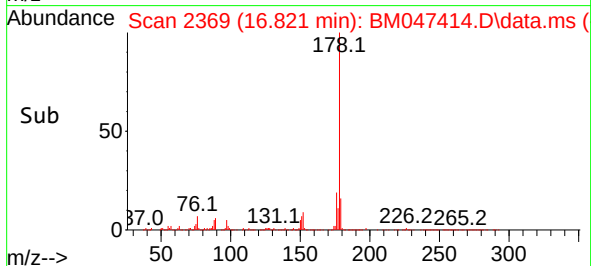
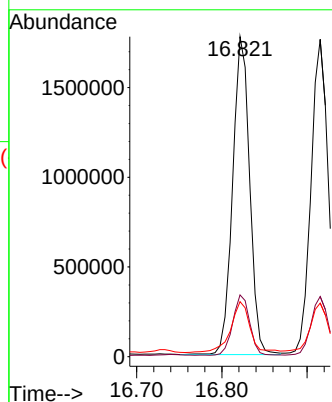
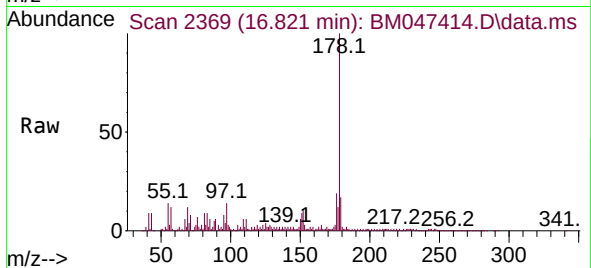
Tgt Ion:178 Resp: 2459767

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 17.2 12.2 18.4



#72

Anthracene

Concen: 54.396 ng

RT: 16.915 min Scan# 2385

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

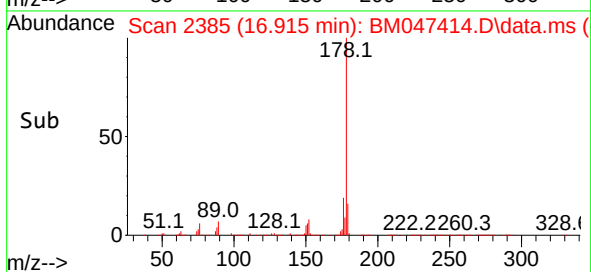
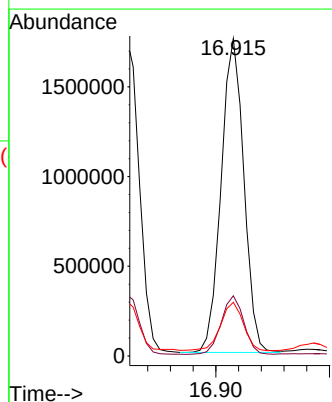
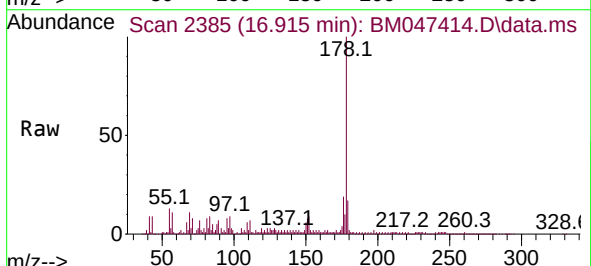
Tgt Ion:178 Resp: 2431959

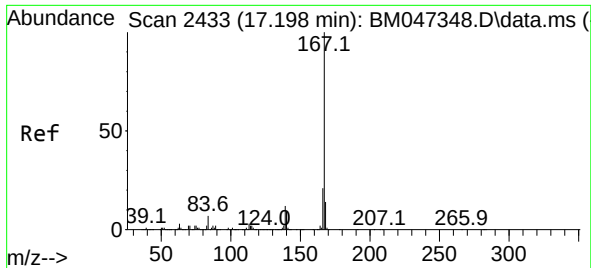
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 16.9 12.6 18.8

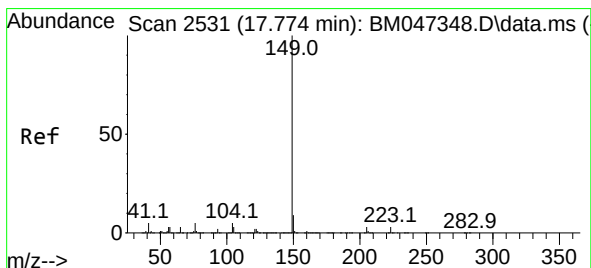
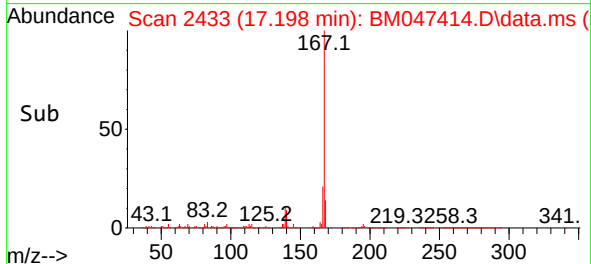
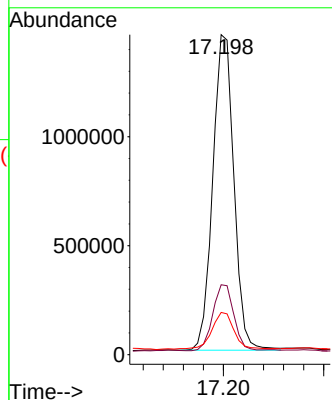
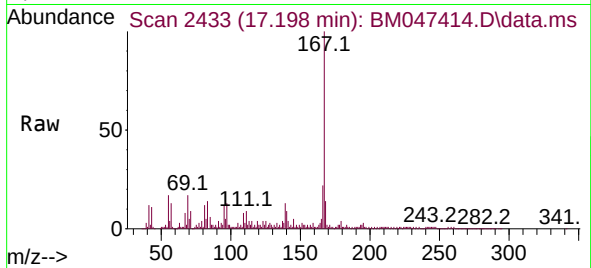




#73
 Carbazole
 Concen: 49.345 ng
 RT: 17.198 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BM047414.D
 Acq: 30 Aug 2024 20:18

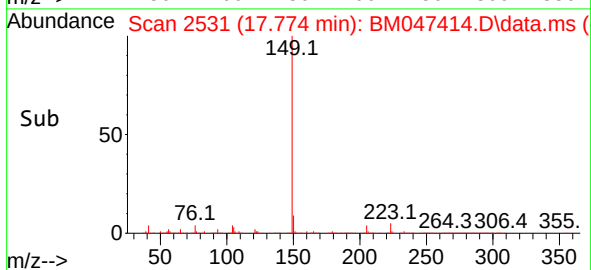
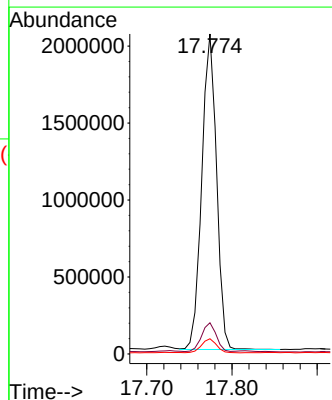
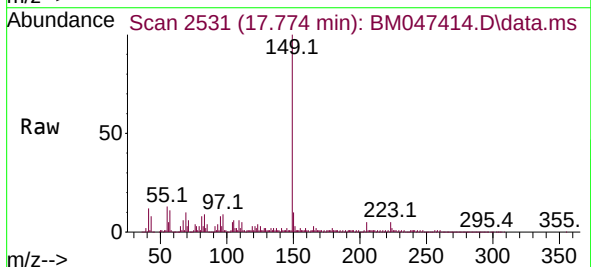
Instrument :
 BNA_M
 ClientSampleId :
 RT-857MSD

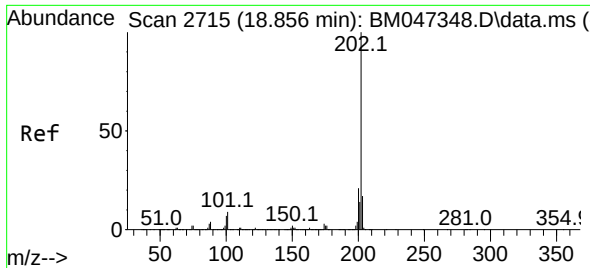
Tgt Ion:167 Resp: 2116998
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.9 25.3
 139 13.2 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 47.090 ng
 RT: 17.774 min Scan# 2531
 Delta R.T. 0.000 min
 Lab File: BM047414.D
 Acq: 30 Aug 2024 20:18

Tgt Ion:149 Resp: 2460072
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 4.8 3.8 5.6

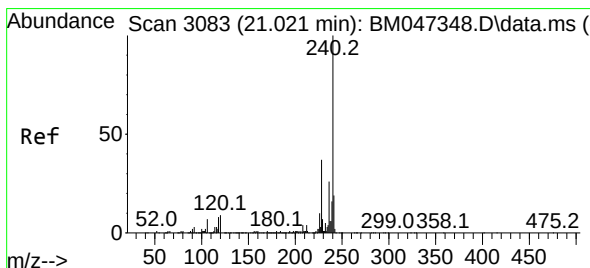
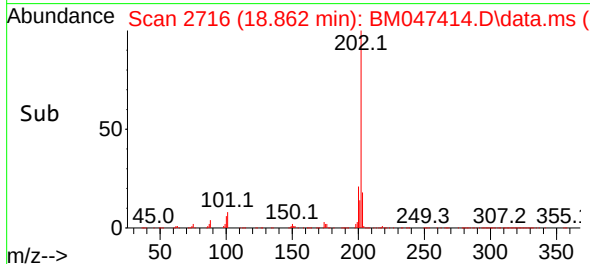
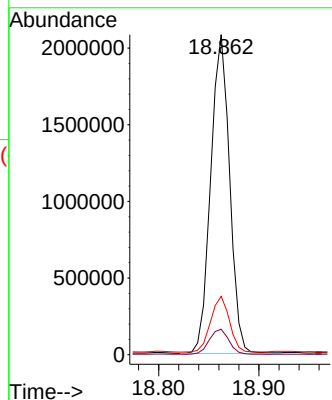
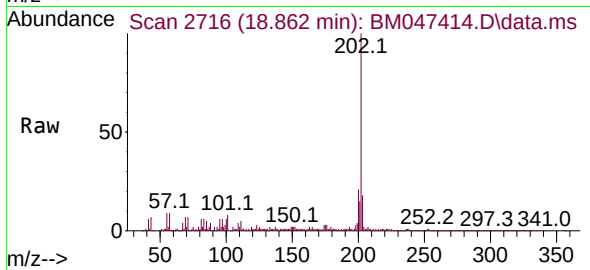




#75
Fluoranthene
Concen: 50.409 ng
RT: 18.862 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

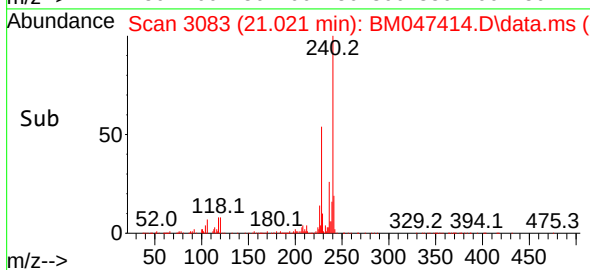
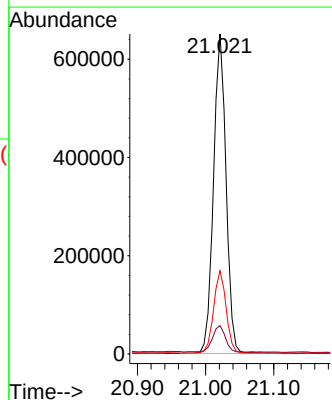
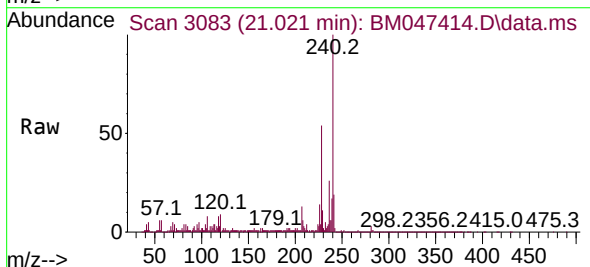
Instrument :
BNA_M
ClientSampleId :
RT-857MSD

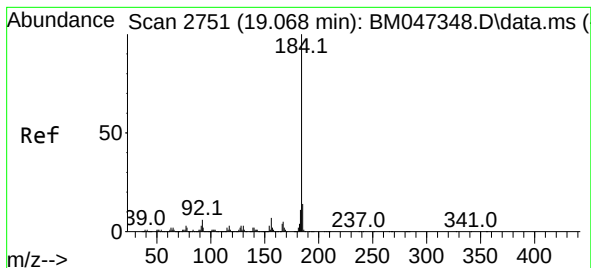
Tgt Ion:202 Resp: 2714572
Ion Ratio Lower Upper
202 100
101 7.9 0.0 29.0
203 18.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:240 Resp: 832018
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.0 20.8 31.2





#77

Benzidine

Concen: 76.844 ng

RT: 19.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

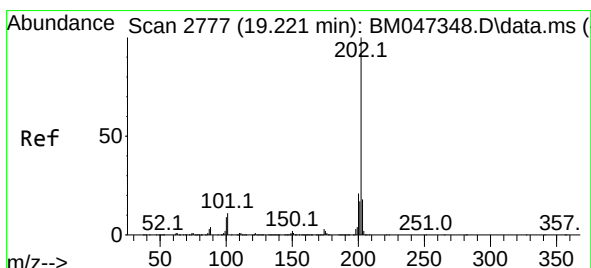
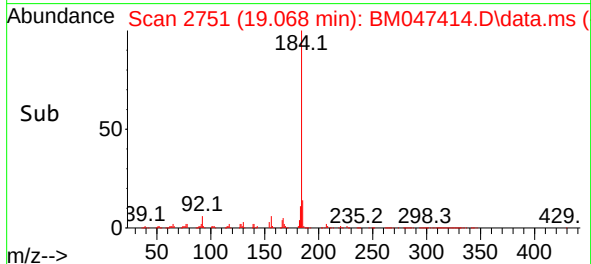
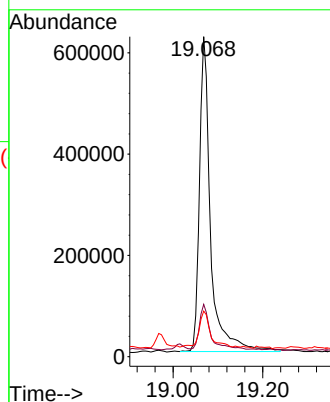
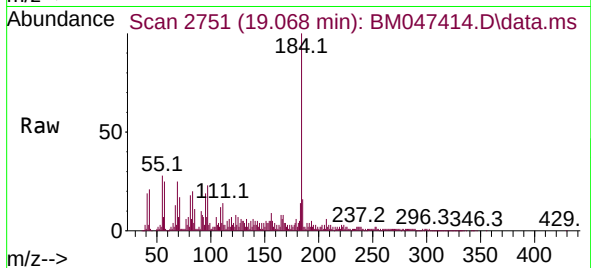
Tgt Ion:184 Resp: 1067236

Ion Ratio Lower Upper

184 100

185 16.3 11.5 17.3

183 14.3 9.2 13.8#



#78

Pyrene

Concen: 44.744 ng

RT: 19.227 min Scan# 2778

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

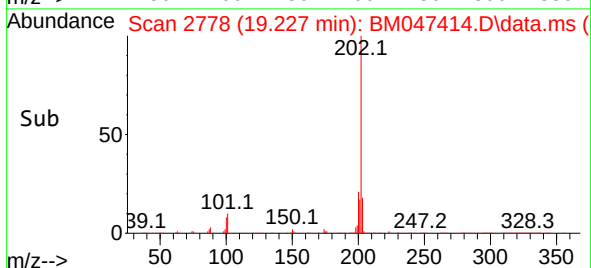
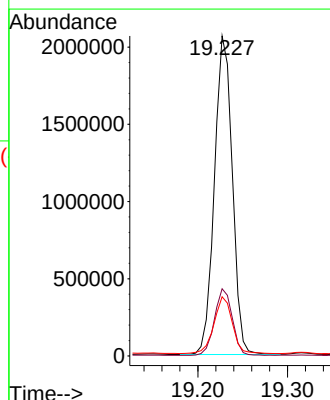
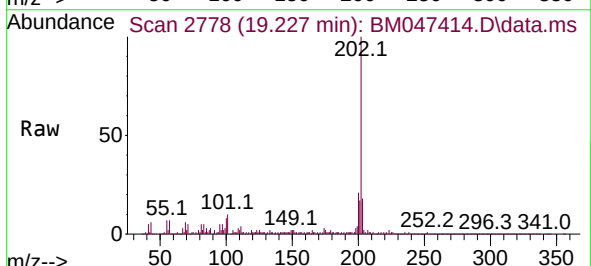
Tgt Ion:202 Resp: 2855249

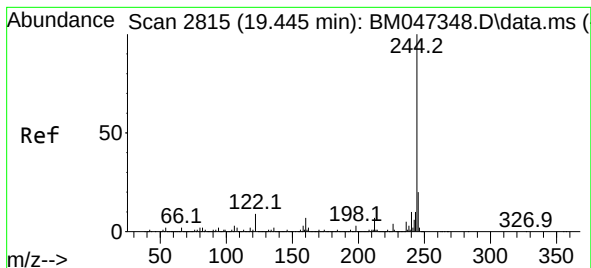
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 18.5 14.2 21.4





#79

Terphenyl-d14

Concen: 46.550 ng

RT: 19.445 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

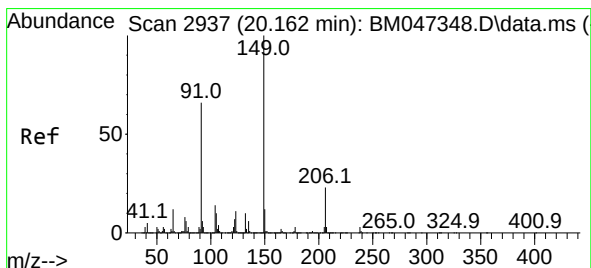
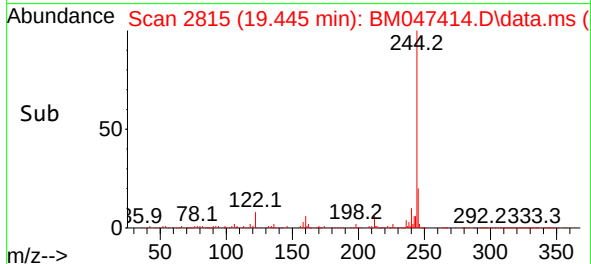
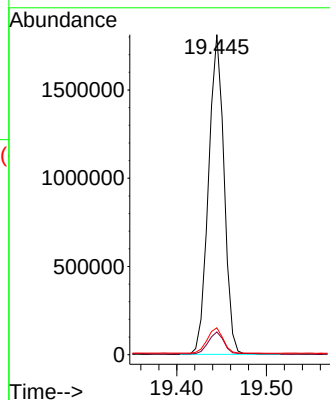
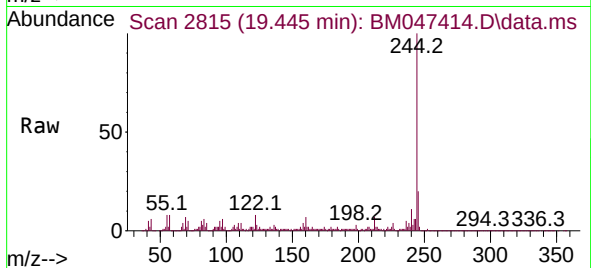
Tgt Ion:244 Resp: 2175937

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.4 7.0 10.4



#80

Butylbenzylphthalate

Concen: 44.994 ng

RT: 20.156 min Scan# 2936

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

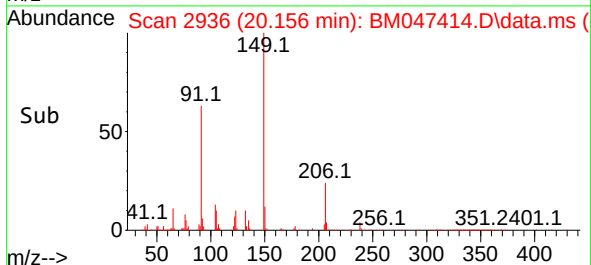
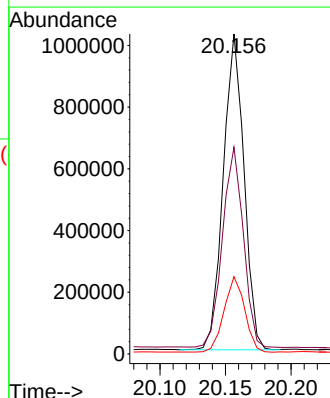
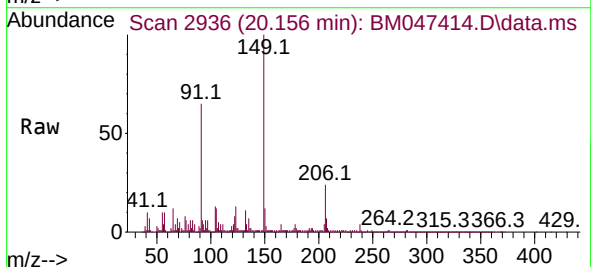
Tgt Ion:149 Resp: 1123567

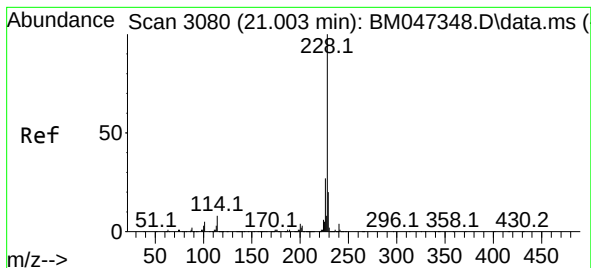
Ion Ratio Lower Upper

149 100

91 64.6 52.6 79.0

206 24.2 18.2 27.2





#81

Benzo(a)anthracene

Concen: 51.609 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

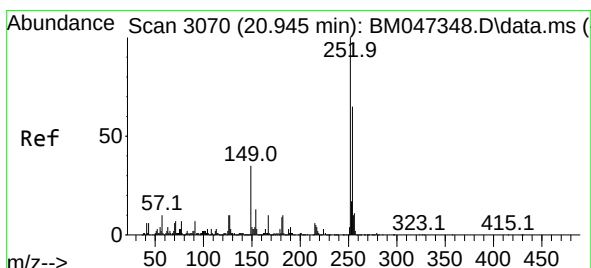
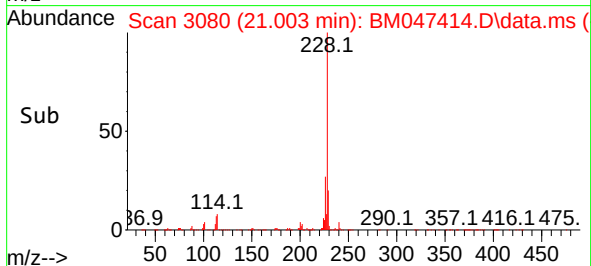
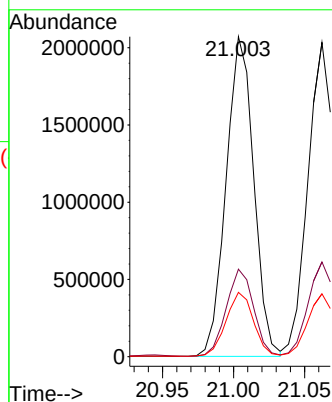
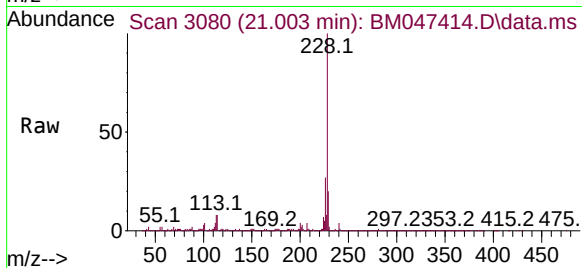
Tgt Ion:228 Resp: 2800208

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.369 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

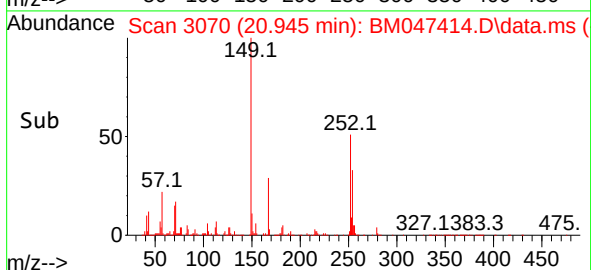
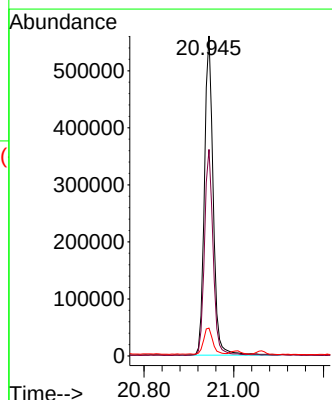
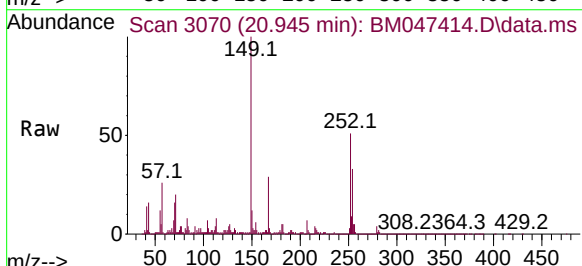
Tgt Ion:252 Resp: 755070

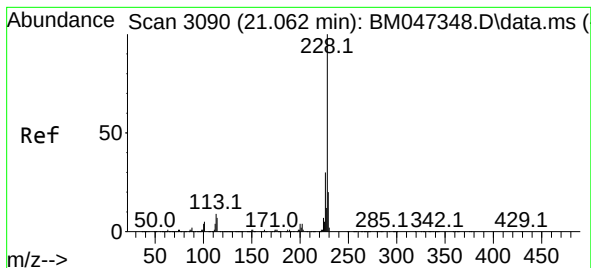
Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

126 8.7 7.9 11.9





#83

Chrysene

Concen: 51.830 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

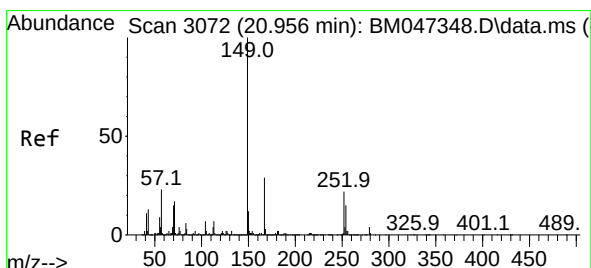
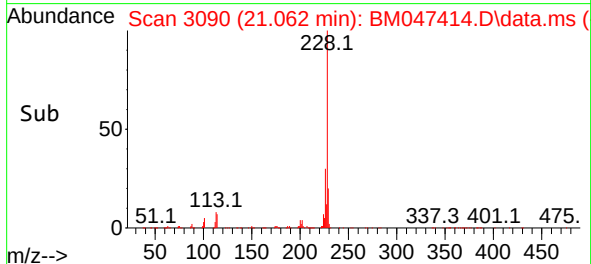
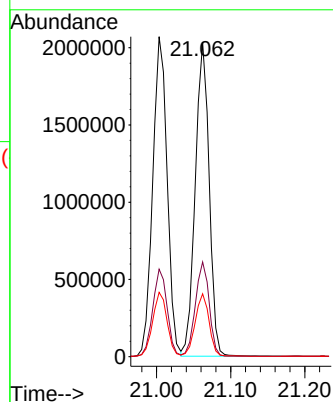
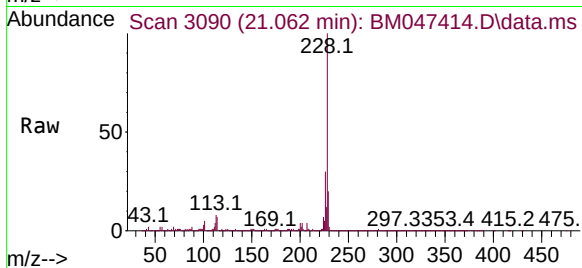
Tgt Ion:228 Resp: 2645387

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.116 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

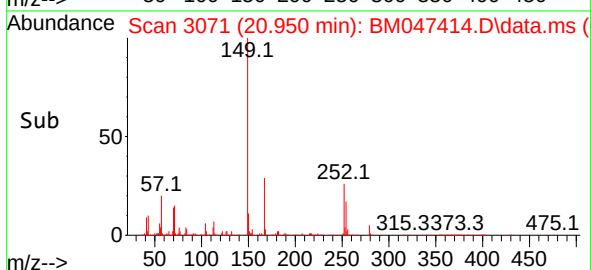
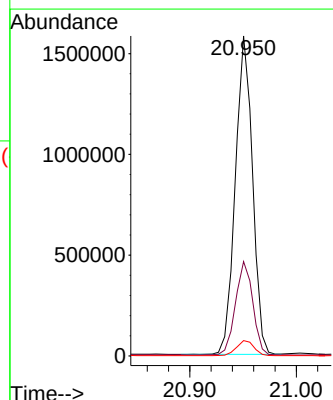
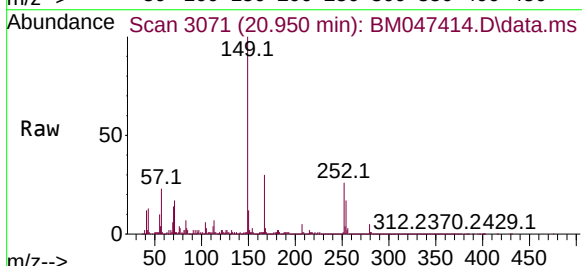
Tgt Ion:149 Resp: 1768779

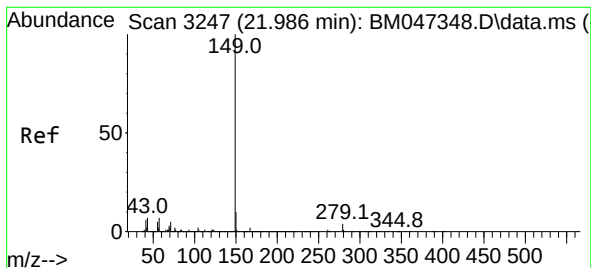
Ion Ratio Lower Upper

149 100

167 29.5 23.1 34.7

279 4.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.425 ng

RT: 21.980 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

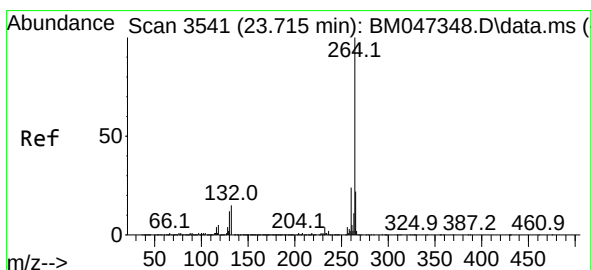
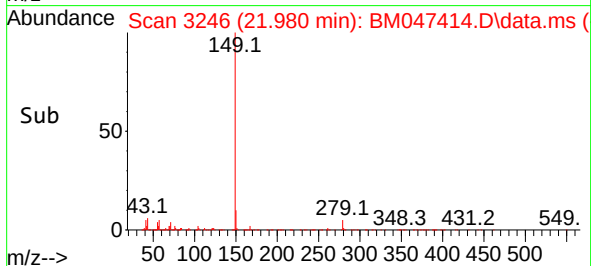
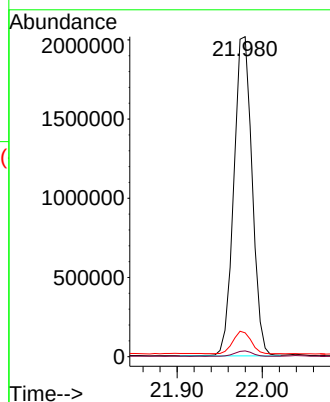
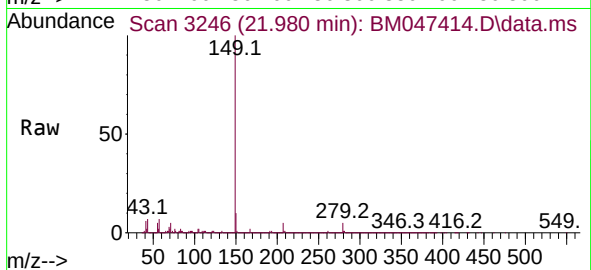
Tgt Ion:149 Resp: 2995483

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.9 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

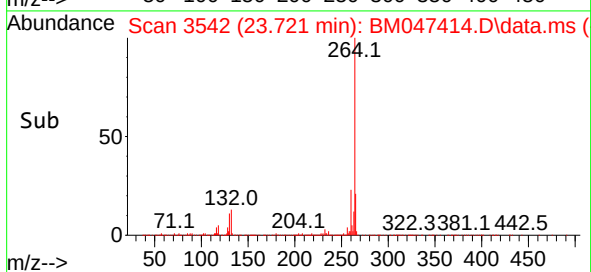
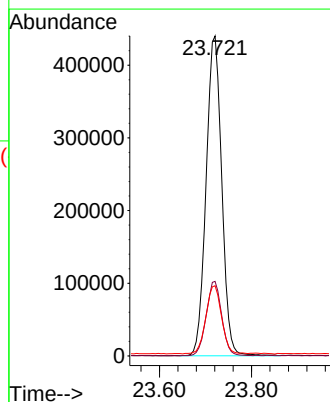
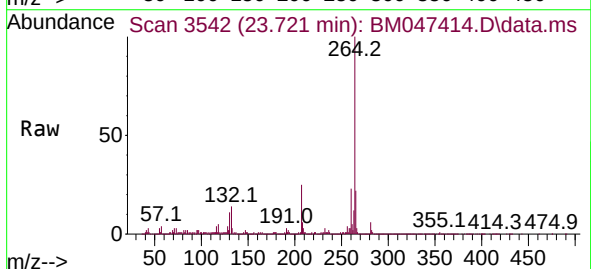
Tgt Ion:264 Resp: 1040138

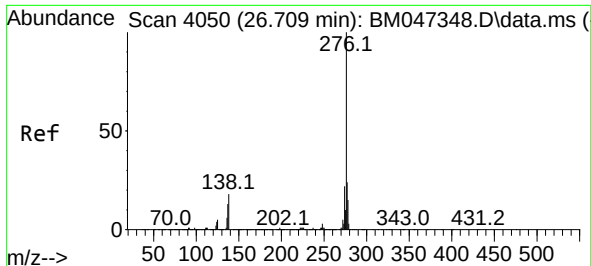
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 22.0 17.8 26.6

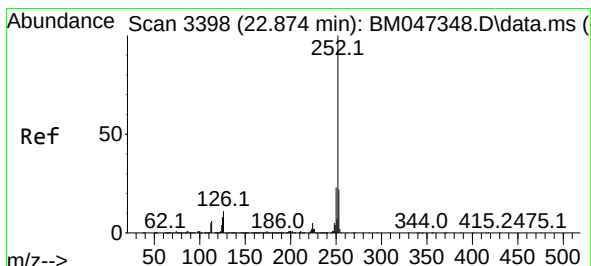
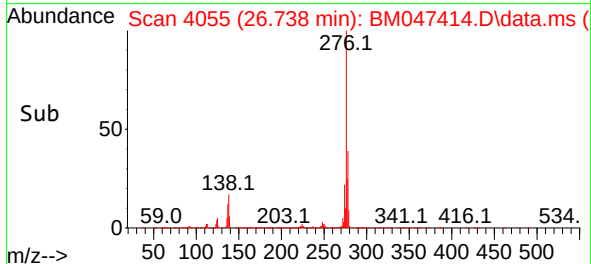
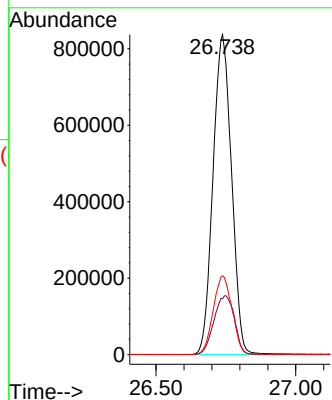
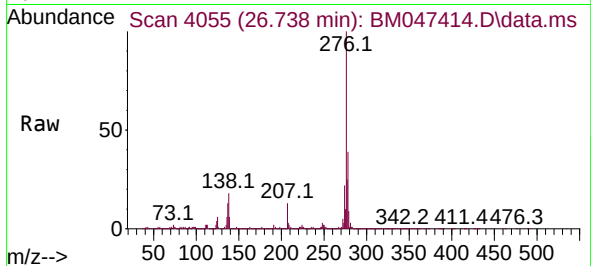




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.091 ng
 RT: 26.738 min Scan# 4055
 Delta R.T. 0.029 min
 Lab File: BM047414.D
 Acq: 30 Aug 2024 20:18

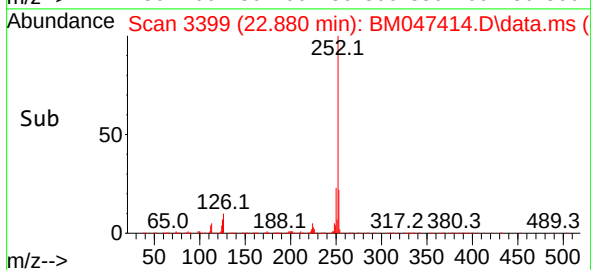
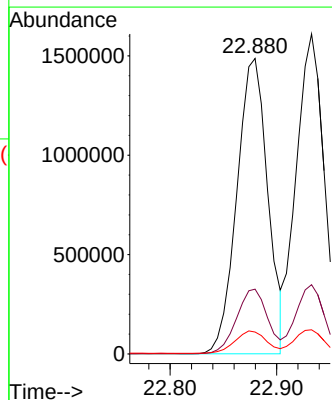
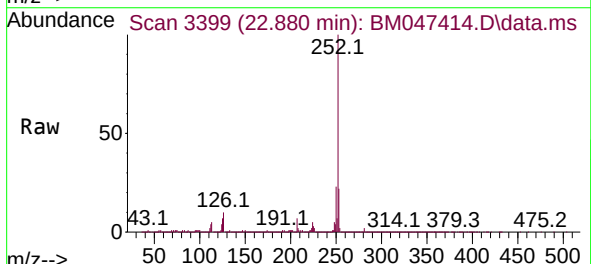
Instrument :
 BNA_M
 ClientSampleId :
 RT-857MSD

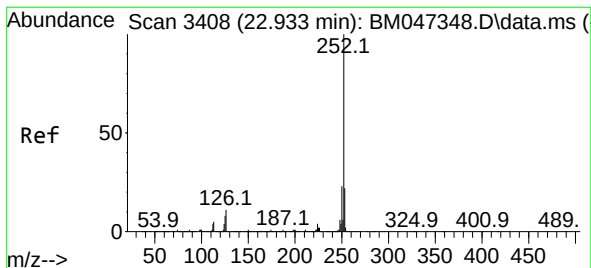
Tgt Ion:276 Resp: 3847562
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.7 26.5
 277 25.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 49.405 ng
 RT: 22.880 min Scan# 3399
 Delta R.T. 0.006 min
 Lab File: BM047414.D
 Acq: 30 Aug 2024 20:18

Tgt Ion:252 Resp: 2998099
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 7.4 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 51.097 ng

RT: 22.933 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

Instrument :

BNA_M

ClientSampleId :

RT-857MSD

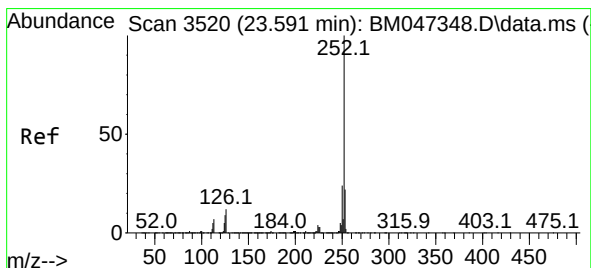
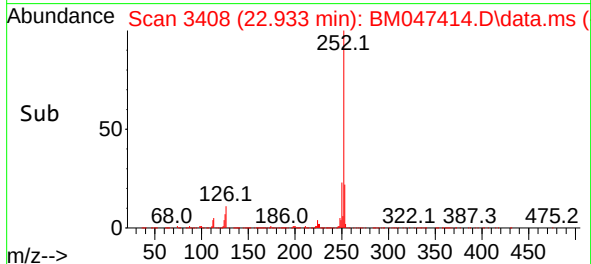
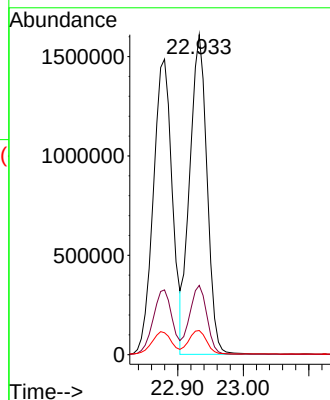
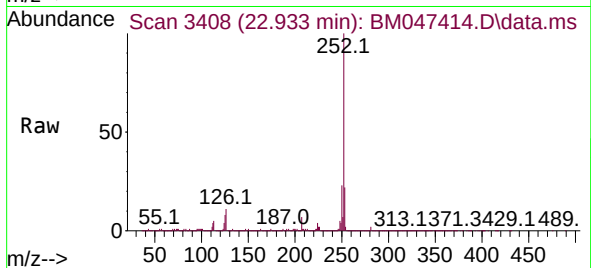
Tgt Ion:252 Resp: 2939450

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 7.6 6.6 9.8



#90

Benzo(a)pyrene

Concen: 55.412 ng

RT: 23.597 min Scan# 3521

Delta R.T. 0.006 min

Lab File: BM047414.D

Acq: 30 Aug 2024 20:18

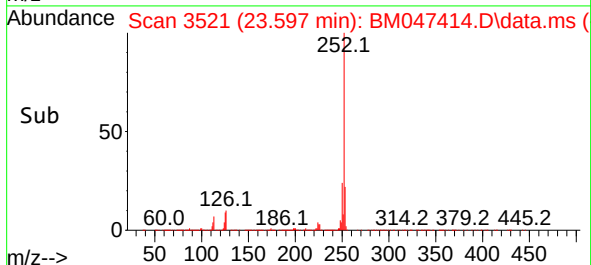
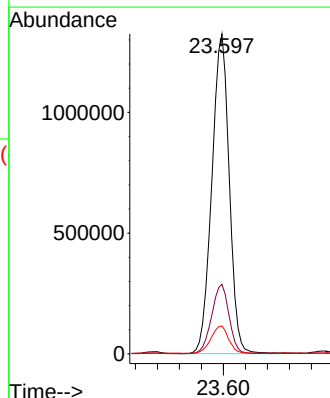
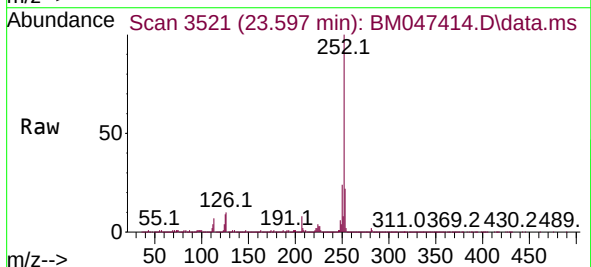
Tgt Ion:252 Resp: 2907959

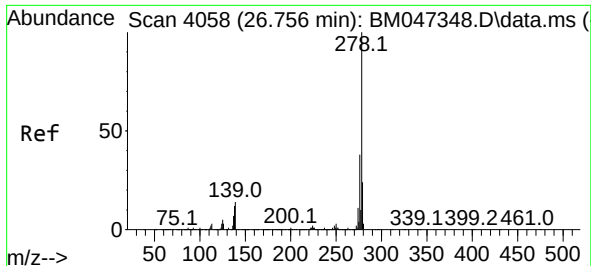
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.8 7.4 11.2

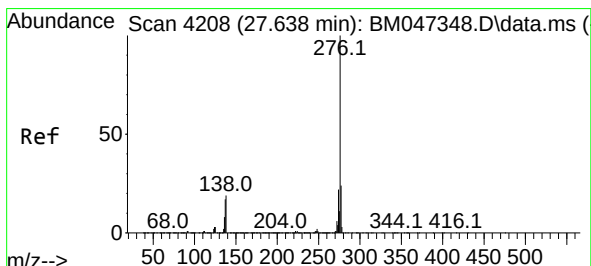
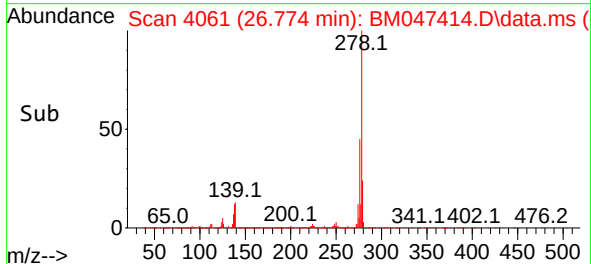
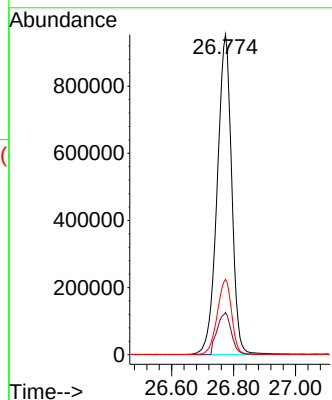
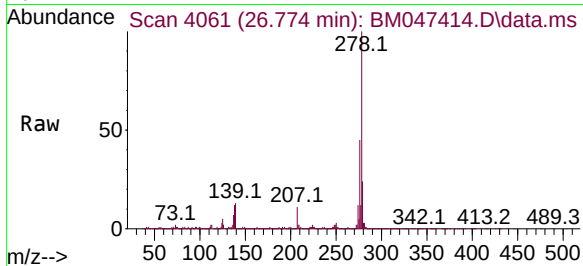




#91
Dibenzo(a,h)anthracene
Concen: 58.659 ng
RT: 26.774 min Scan# 4058
Delta R.T. 0.018 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Instrument :
BNA_M
ClientSampleId :
RT-857MSD

Tgt Ion:278 Resp: 3094223
Ion Ratio Lower Upper
278 100
139 13.2 11.1 16.7
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 53.853 ng
RT: 27.668 min Scan# 4213
Delta R.T. 0.029 min
Lab File: BM047414.D
Acq: 30 Aug 2024 20:18

Tgt Ion:276 Resp: 2953209
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 17.9 15.0 22.6

