

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047312.D
 Acq On : 22 Aug 2024 11:52
 Operator : RC/JU
 Sample : PB162574BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162574BS

Quant Time: Aug 22 12:42:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	283295	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1058584	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	677511	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1366969	20.000	ng	-0.02
76) Chrysene-d12	21.021	240	1043436	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1101105	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2062929	130.116	ng	-0.01
7) Phenol-d6	6.575	99	2642997	120.982	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1727850	82.188	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1104060	140.540	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	4035083	91.869	ng	-0.02
79) Terphenyl-d14	19.445	244	5864266	120.427	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	222543	33.877	ng	96
3) Pyridine	3.393	79	625014	32.446	ng	96
4) n-Nitrosodimethylamine	3.316	42	346992	41.230	ng	99
6) Aniline	6.704	93	733279	35.512	ng	99
8) 2-Chlorophenol	6.934	128	877773	50.761	ng	97
9) Benzaldehyde	6.522	77	20430	0.802	ng	96
10) Phenol	6.599	94	1004152	46.065	ng	100
11) bis(2-Chloroethyl)ether	6.804	93	817478	43.791	ng	100
12) 1,3-Dichlorobenzene	7.240	146	943167	45.900	ng	98
13) 1,4-Dichlorobenzene	7.387	146	959095	46.099	ng	99
14) 1,2-Dichlorobenzene	7.693	146	925395	47.141	ng	99
15) Benzyl Alcohol	7.610	79	757092	48.694	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1021957	42.662	ng	99
17) 2-Methylphenol	7.816	107	678604	46.662	ng	99
18) Hexachloroethane	8.404	117	365109	45.305	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	614919	41.788	ng	98
20) 3+4-Methylphenols	8.146	107	939122	46.191	ng	98
22) Acetophenone	8.175	105	1091356	42.710	ng	98
24) Nitrobenzene	8.546	77	934994	44.168	ng	98
25) Isophorone	9.069	82	1714973	46.851	ng	98
26) 2-Nitrophenol	9.245	139	491579	52.435	ng	95
27) 2,4-Dimethylphenol	9.328	122	609780	55.526	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1099403	47.732	ng	100
29) 2,4-Dichlorophenol	9.781	162	898177	55.122	ng	98
30) 1,2,4-Trichlorobenzene	9.975	180	932354	50.561	ng	99
31) Naphthalene	10.157	128	2476735	46.966	ng	100
32) Benzoic acid	9.522	122	549435	43.063	ng	97
33) 4-Chloroaniline	10.287	127	514139	25.353	ng	99
34) Hexachlorobutadiene	10.440	225	570431	52.851	ng	99
35) Caprolactam	11.104	113	249451	44.082	ng	98
36) 4-Chloro-3-methylphenol	11.439	107	855439	49.295	ng	100
37) 2-Methylnaphthalene	11.786	142	1798765	47.907	ng	98
38) 1-Methylnaphthalene	12.010	142	1678972	45.245	ng	98
40) 1,2,4,5-Tetrachloroben...	12.169	216	933637	50.523	ng	99
41) Hexachlorocyclopentadiene	12.139	237	1031592	159.868	ng	98
43) 2,4,6-Trichlorophenol	12.428	196	728213	55.442	ng	99

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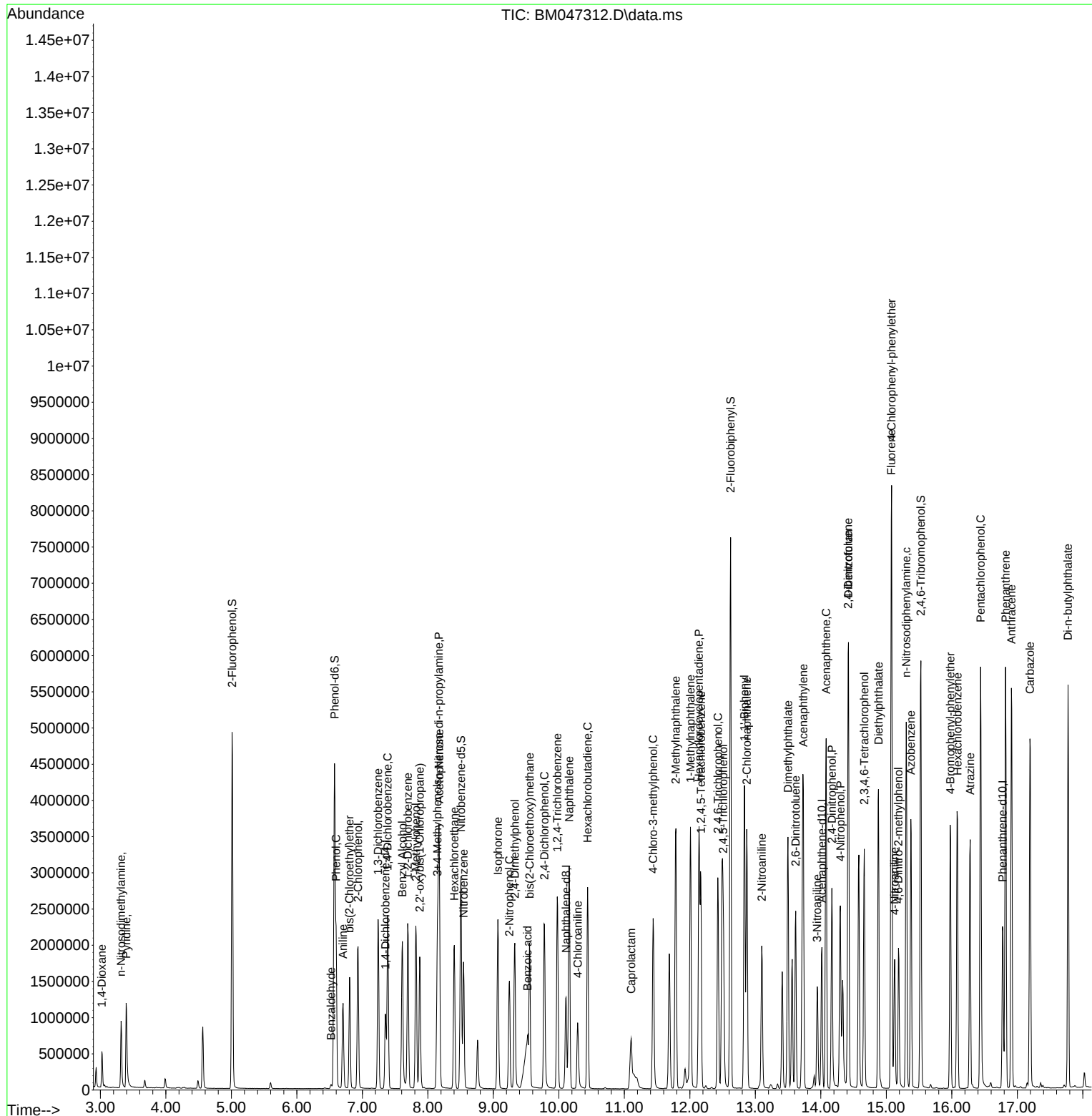
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	750277	51.447	ng	98
46) 1,1'-Biphenyl	12.833	154	2173506	45.063	ng	99
47) 2-Chloronaphthalene	12.869	162	1802401	47.810	ng	98
48) 2-Nitroaniline	13.098	65	559896	47.407	ng	98
49) Acenaphthylene	13.733	152	2953504	53.150	ng	100
50) Dimethylphthalate	13.498	163	2395782	50.632	ng	100
51) 2,6-Dinitrotoluene	13.616	165	540097	48.828	ng	91
52) Acenaphthene	14.080	154	1696794	48.137	ng	98
53) 3-Nitroaniline	13.945	138	381148	34.388	ng	100
54) 2,4-Dinitrophenol	14.169	184	662781	99.975	ng	93
55) Dibenzofuran	14.422	168	2769768	49.746	ng	98
56) 4-Nitrophenol	14.298	139	816316	85.410	ng	98
57) 2,4-Dinitrotoluene	14.416	165	708872	48.013	ng	97
58) Fluorene	15.075	166	2209842	48.102	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	667000	55.651	ng	94
60) Diethylphthalate	14.880	149	2356410	48.767	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	1112363	50.859	ng	97
62) 4-Nitroaniline	15.127	138	478572	43.828	ng	96
63) Azobenzene	15.374	77	2117402	46.216	ng	96
65) 4,6-Dinitro-2-methylph...	15.186	198	452467	56.535	ng	93
66) n-Nitrosodiphenylamine	15.304	169	1961290	52.676	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	728423	55.300	ng	96
68) Hexachlorobenzene	16.086	284	828814	52.537	ng	94
69) Atrazine	16.280	200	680969	60.779	ng	98
70) Pentachlorophenol	16.439	266	1077937	97.475	ng	98
71) Phenanthrene	16.821	178	3482521	50.764	ng	100
72) Anthracene	16.910	178	3523167	52.780	ng	100
73) Carbazole	17.192	167	3273139	48.025	ng	100
74) Di-n-butylphthalate	17.774	149	4025697	50.763	ng	100
75) Fluoranthene	18.857	202	3991507	47.835	ng	99
77) Benzidine	19.062	184	1271653	71.865	ng	99
78) Pyrene	19.221	202	4121815	55.323	ng	99
80) Butylbenzylphthalate	20.162	149	1756171	57.759	ng	94
81) Benzo(a)anthracene	21.004	228	3647949	52.663	ng	100
82) 3,3'-Dichlorobenzidine	20.945	252	1030025	47.526	ng	98
83) Chrysene	21.062	228	3371189	51.296	ng	100
84) Bis(2-ethylhexyl)phtha...	20.956	149	2473402	57.361	ng	99
85) Di-n-octyl phthalate	21.986	149	4244913	57.919	ng	97
87) Indeno(1,2,3-cd)pyrene	26.703	276	3669164	51.553	ng	98
88) Benzo(b)fluoranthene	22.874	252	3404557	52.065	ng	99
89) Benzo(k)fluoranthene	22.927	252	3324695	53.829	ng	99
90) Benzo(a)pyrene	23.586	252	3103826	54.794	ng	98
91) Dibenzo(a,h)anthracene	26.744	278	2914474	50.600	ng	99
92) Benzo(g,h,i)perylene	27.633	276	2892939	48.375	ng	98

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

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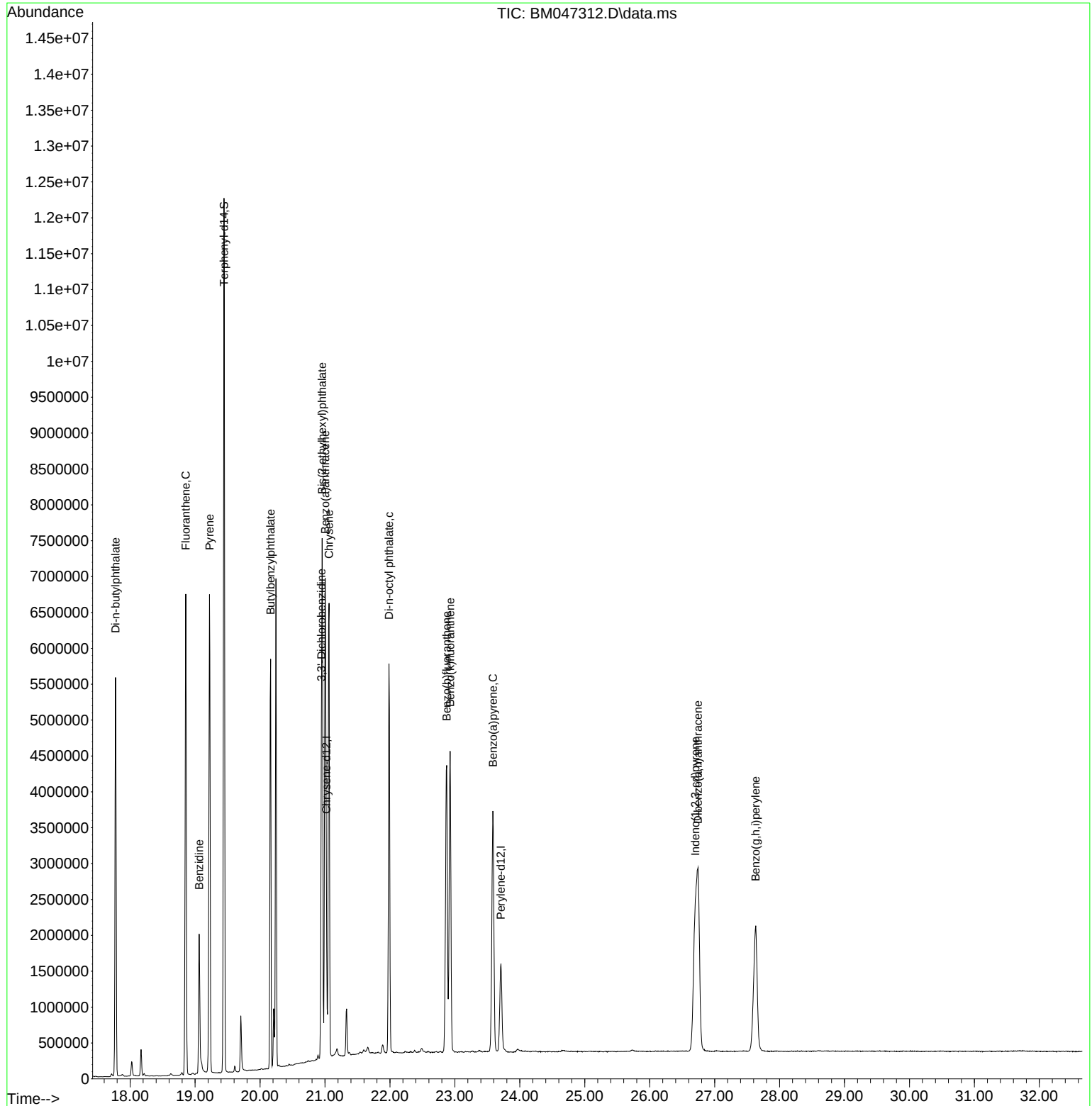
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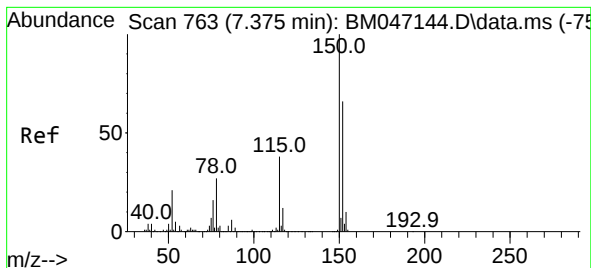


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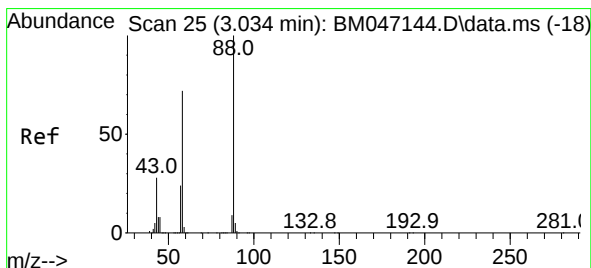
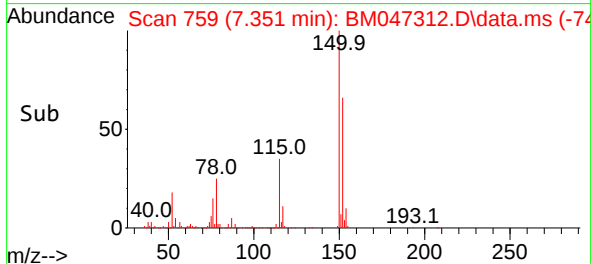
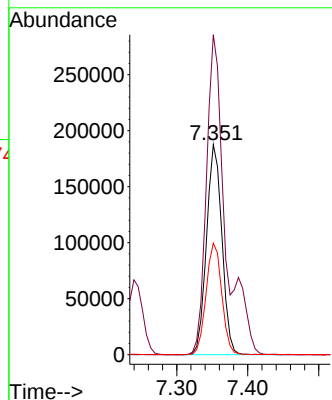
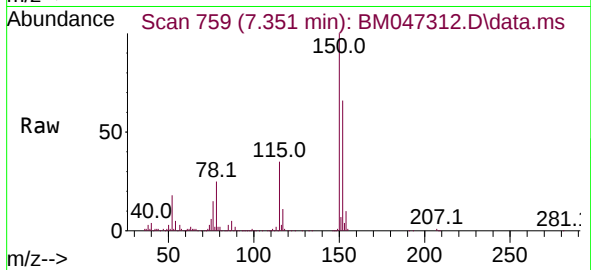




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.351 min Scan# 71
 Delta R.T. -0.024 min
 Lab File: BM047312.D
 Acq: 22 Aug 2024 11:52

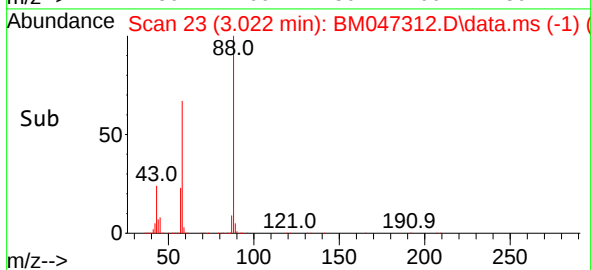
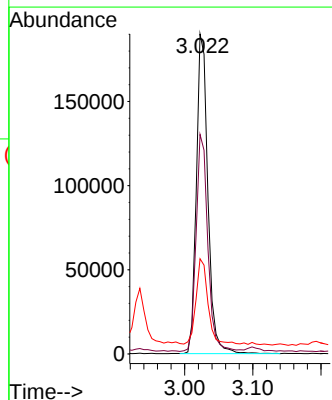
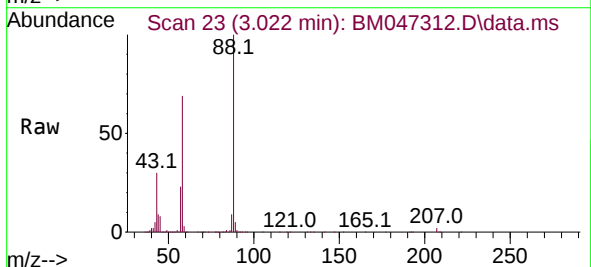
Instrument :
 BNA_M
 ClientSampleId :
 PB162574BS

Tgt Ion:152 Resp: 283295
 Ion Ratio Lower Upper
 152 100
 150 152.3 120.5 180.7
 115 53.1 45.5 68.3



#2
 1,4-Dioxane
 Concen: 33.877 ng
 RT: 3.022 min Scan# 23
 Delta R.T. -0.012 min
 Lab File: BM047312.D
 Acq: 22 Aug 2024 11:52

Tgt Ion: 88 Resp: 222543
 Ion Ratio Lower Upper
 88 100
 58 68.6 58.2 87.4
 43 27.3 22.5 33.7





#3

Pyridine

Concen: 32.446 ng

RT: 3.393 min Scan# 80

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

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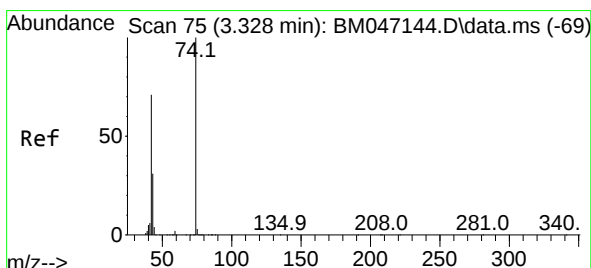
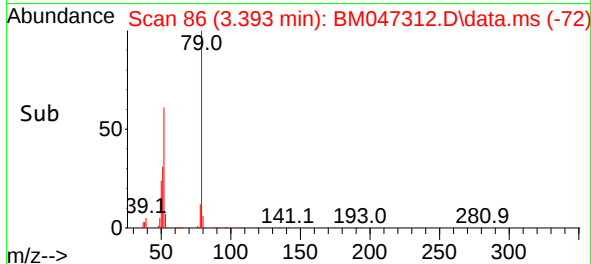
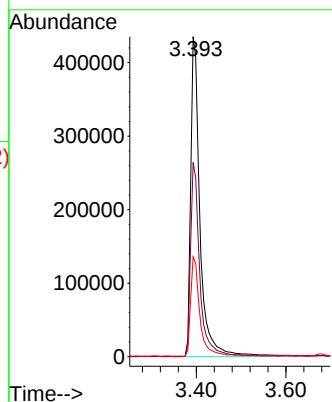
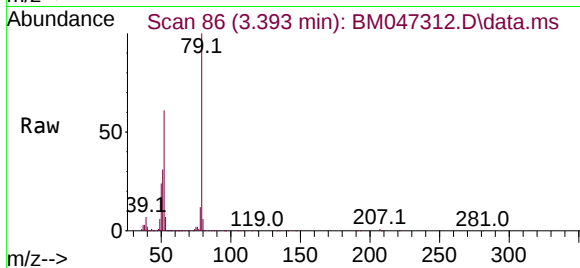
Tgt Ion: 79 Resp: 625014

Ion Ratio Lower Upper

79 100

52 60.7 51.2 76.8

51 31.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 41.230 ng

RT: 3.316 min Scan# 73

Delta R.T. -0.012 min

Lab File: BM047312.D

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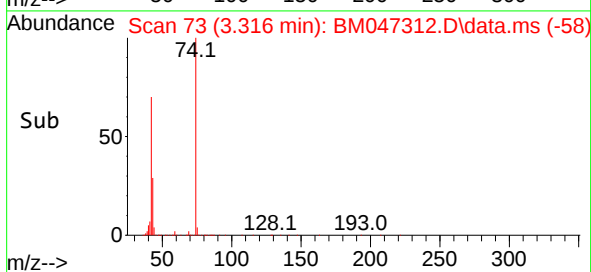
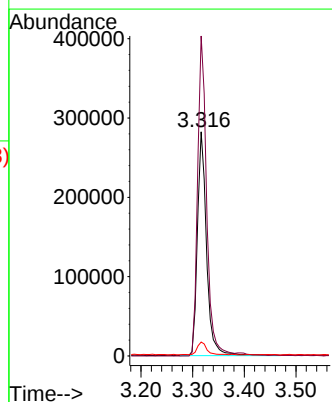
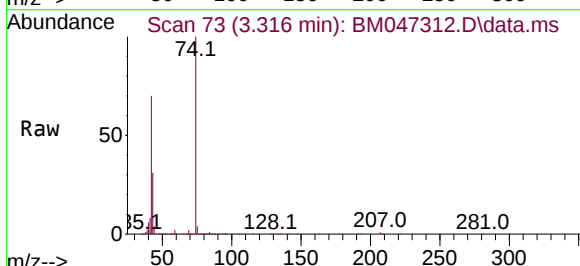
Tgt Ion: 42 Resp: 346992

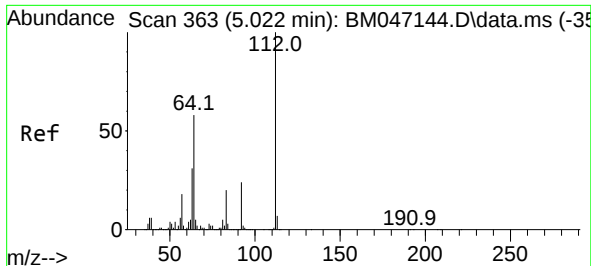
Ion Ratio Lower Upper

42 100

74 142.8 112.9 169.3

44 6.2 5.3 7.9

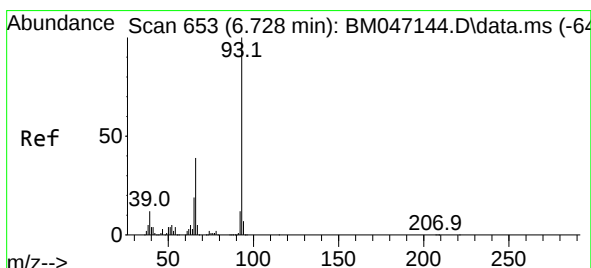
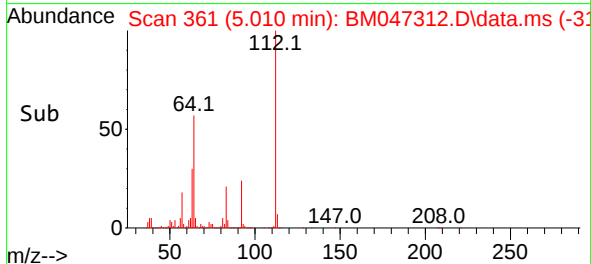
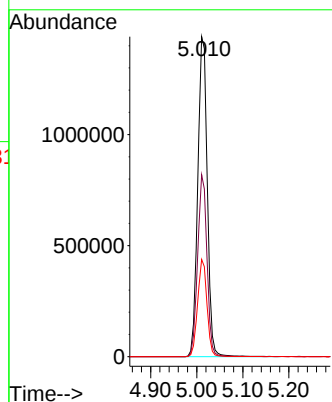
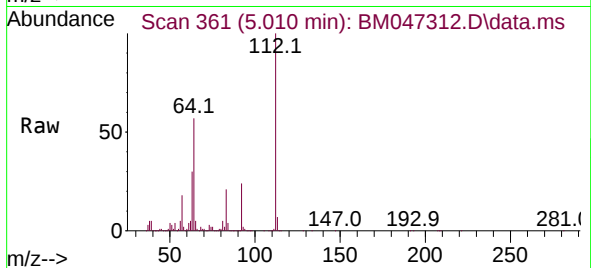




#5
2-Fluorophenol
Concen: 130.116 ng
RT: 5.010 min Scan# 30
Delta R.T. -0.012 min
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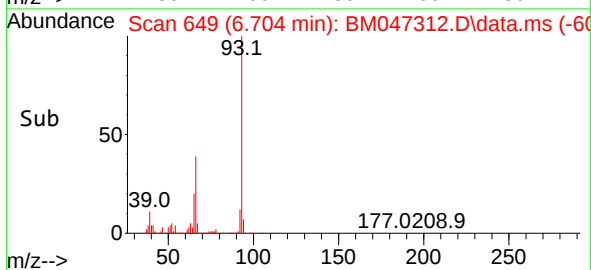
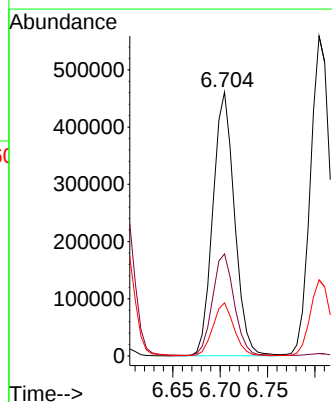
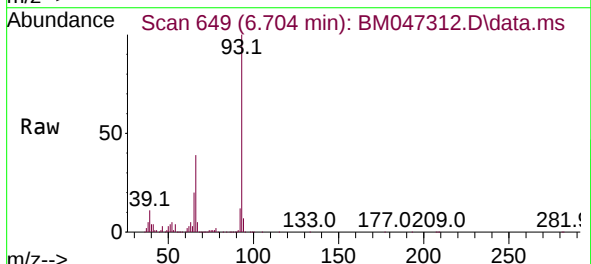
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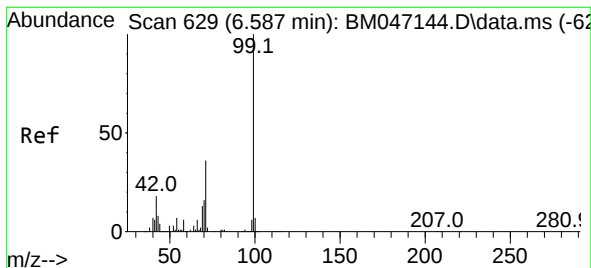
Tgt Ion:112 Resp: 2062929
Ion Ratio Lower Upper
112 100
64 56.8 46.7 70.1
63 30.4 24.8 37.2



#6
Aniline
Concen: 35.512 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 93 Resp: 733279
Ion Ratio Lower Upper
93 100
66 38.7 31.4 47.2
65 20.2 15.6 23.4





#7

Phenol-d6

Concen: 120.982 ng

RT: 6.575 min Scan# 61

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

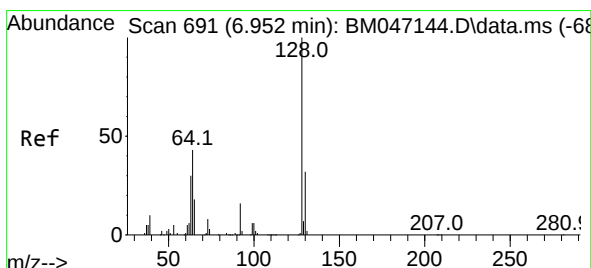
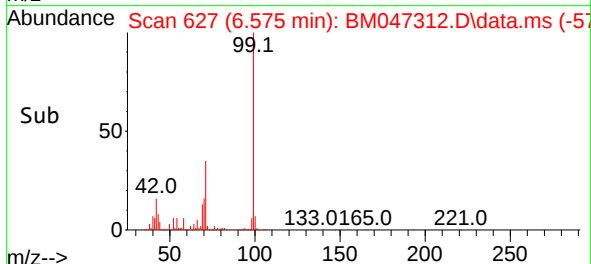
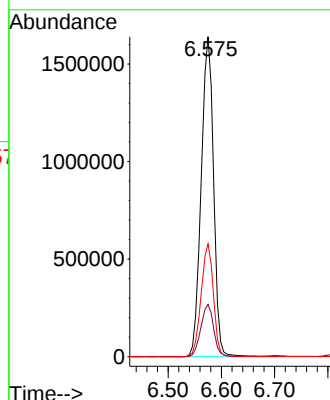
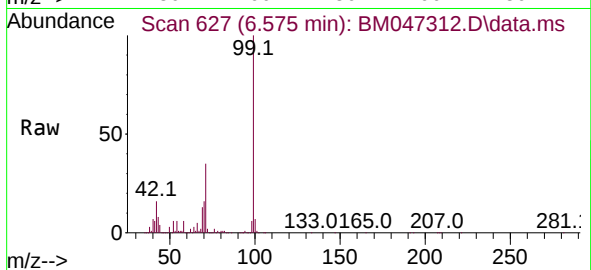
BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 2642997

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	35.3	28.5	42.7



#8

2-Chlorophenol

Concen: 50.761 ng

RT: 6.934 min Scan# 688

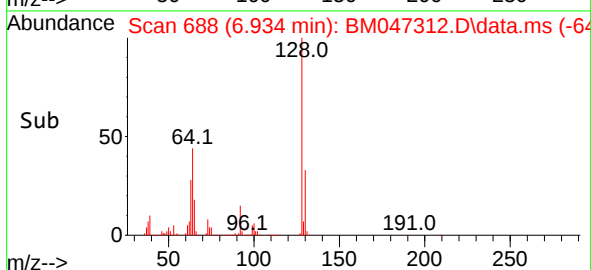
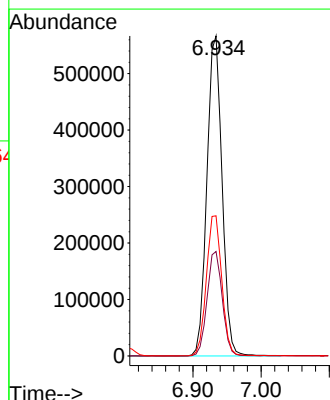
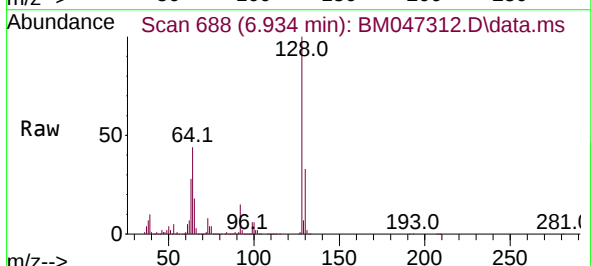
Delta R.T. -0.018 min

Lab File: BM047312.D

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Tgt Ion: 128 Resp: 877773

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.1	52.1
64	43.8	26.6	66.6

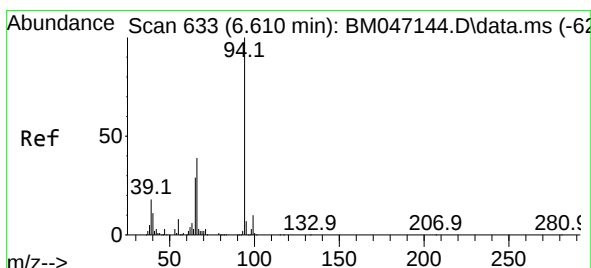
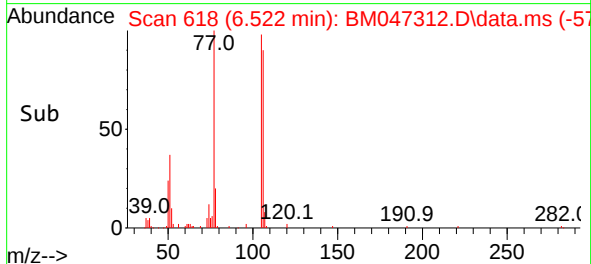
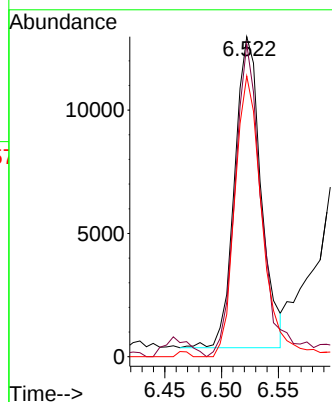
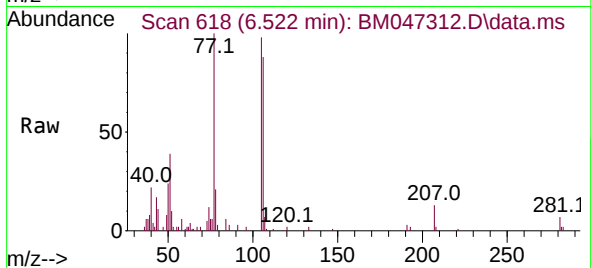




#9
Benzaldehyde
Concen: 0.802 ng
RT: 6.522 min Scan# 618
Delta R.T. -0.018 min
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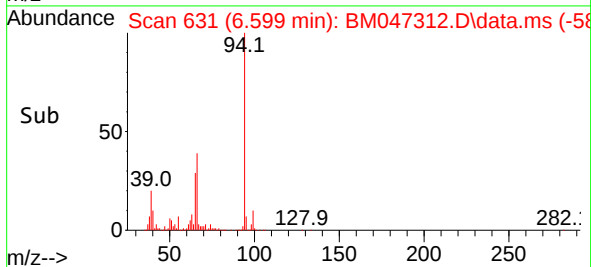
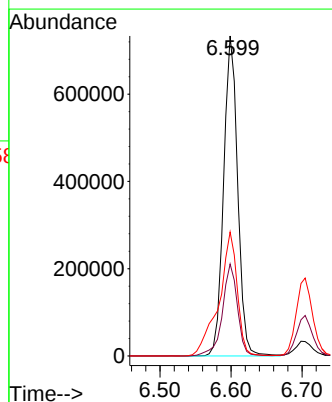
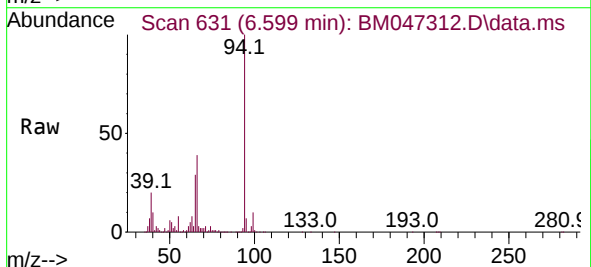
Instrument :
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Tgt Ion: 77 Resp: 20430
Ion Ratio Lower Upper
77 100
105 97.6 74.5 114.5
106 87.7 72.3 112.3



#10
Phenol
Concen: 46.065 ng
RT: 6.599 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 94 Resp: 1004152
Ion Ratio Lower Upper
94 100
65 28.8 9.0 49.0
66 38.8 18.9 58.9

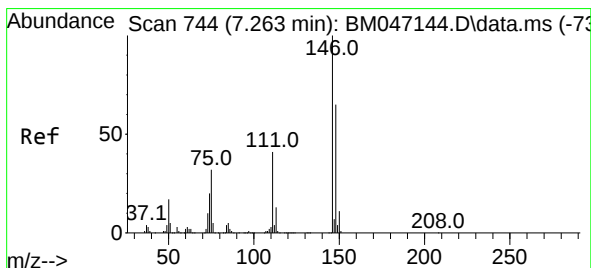
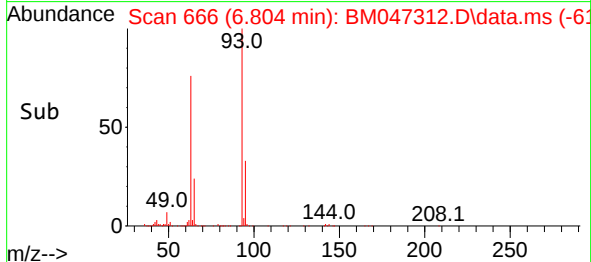
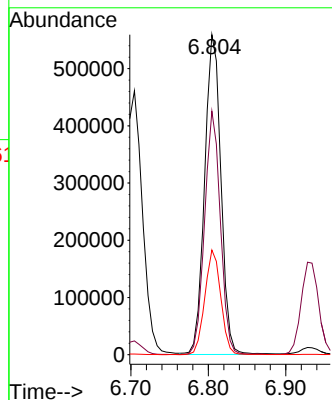
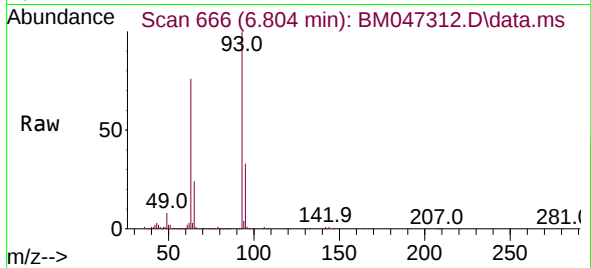




#11
bis(2-Chloroethyl)ether
Concen: 43.791 ng
RT: 6.804 min Scan# 611
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

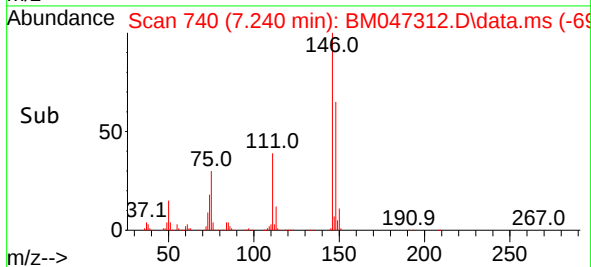
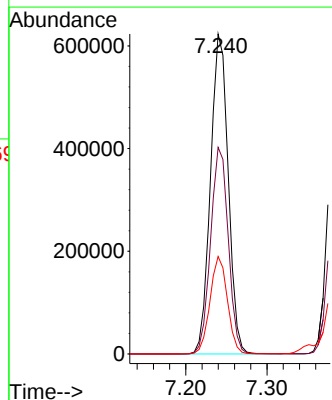
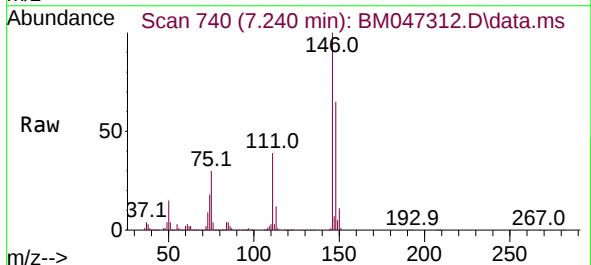
Instrument :
BNA_M
ClientSampleId :
PB162574BS

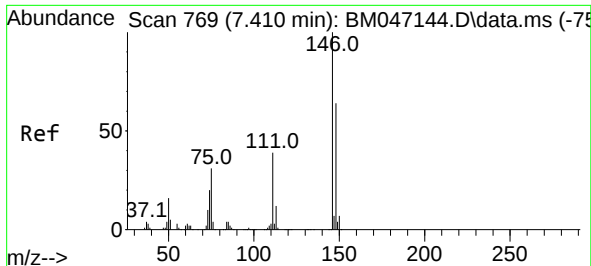
Tgt Ion: 93 Resp: 817478
Ion Ratio Lower Upper
93 100
63 76.1 55.8 95.8
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.900 ng
RT: 7.240 min Scan# 740
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 146 Resp: 943167
Ion Ratio Lower Upper
146 100
148 64.6 52.3 78.5
75 30.4 25.8 38.6

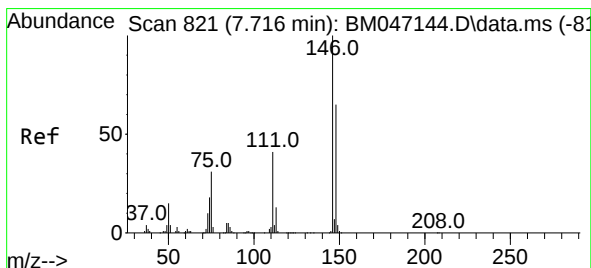
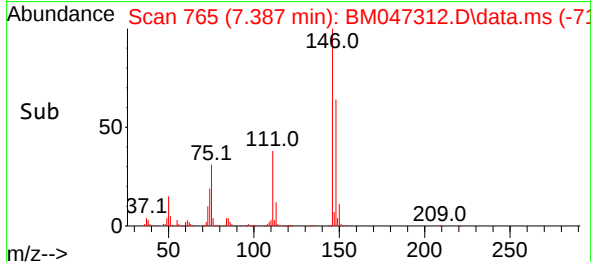
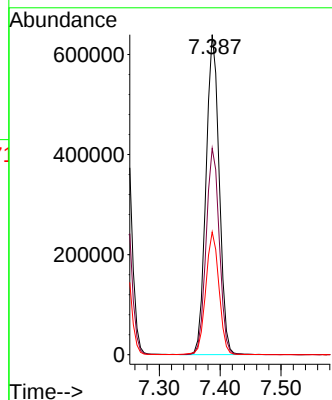
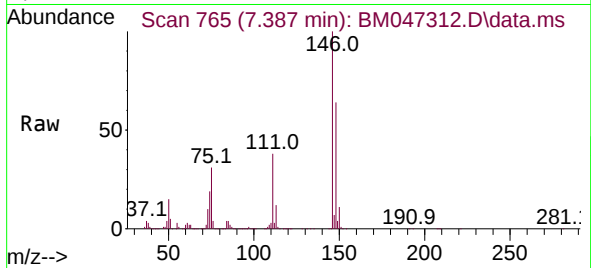




#13
1,4-Dichlorobenzene
Concen: 46.099 ng
RT: 7.387 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

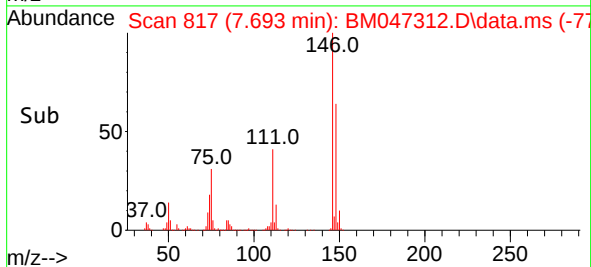
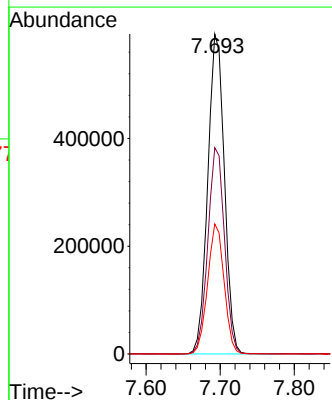
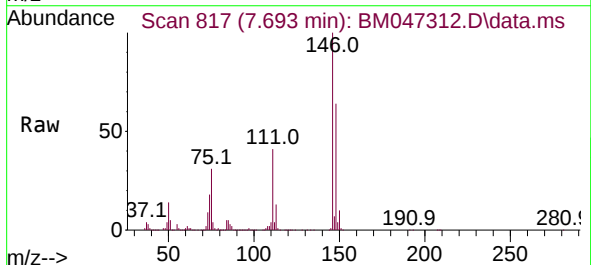
Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:146 Resp: 959095
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 38.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 47.141 ng
RT: 7.693 min Scan# 817
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:146 Resp: 925395
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 40.7 33.3 49.9

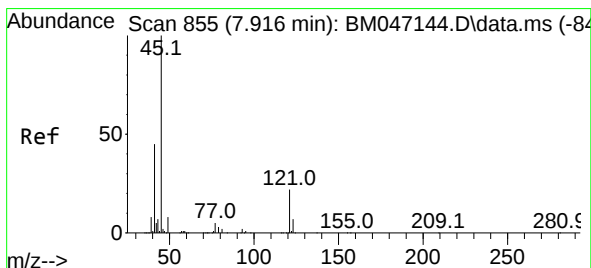
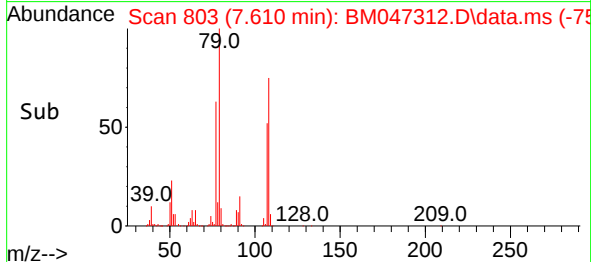
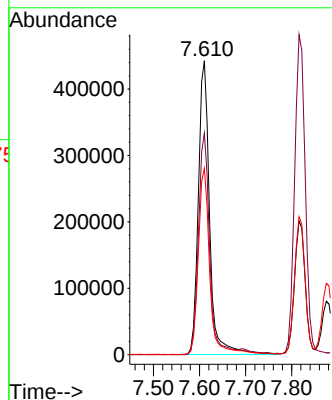
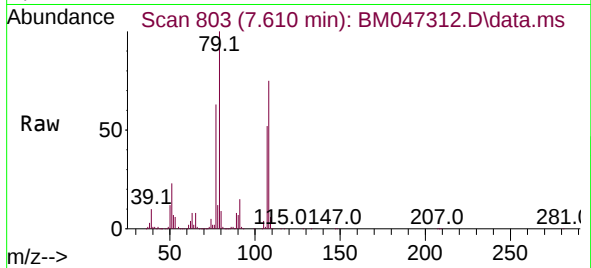




#15
Benzyl Alcohol
Concen: 48.694 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

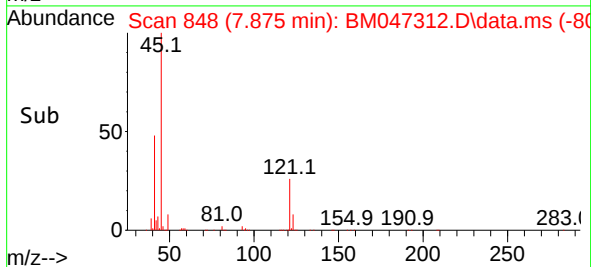
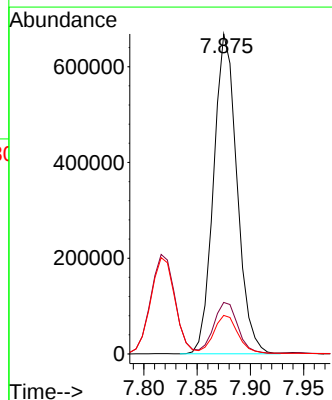
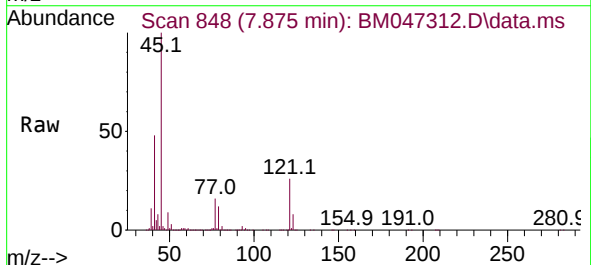
Instrument :
BNA_M
ClientSampleId :
PB162574BS

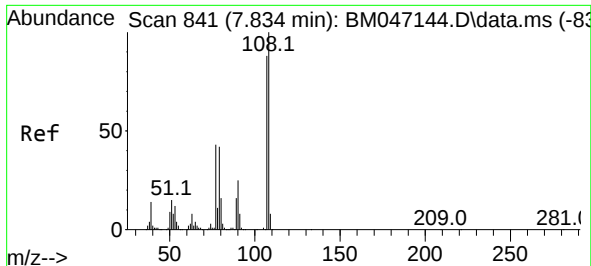
Tgt Ion: 79 Resp: 757092
Ion Ratio Lower Upper
79 100
108 75.3 59.7 89.5
77 63.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.662 ng
RT: 7.875 min Scan# 848
Delta R.T. -0.041 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 45 Resp: 1021957
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.6
79 12.0 0.0 32.4

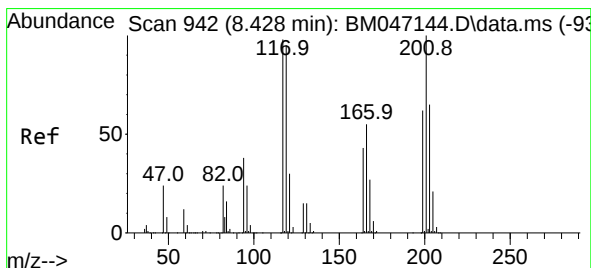
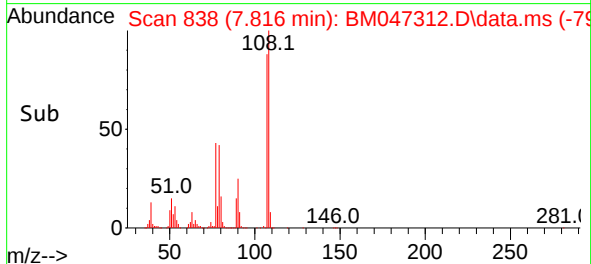
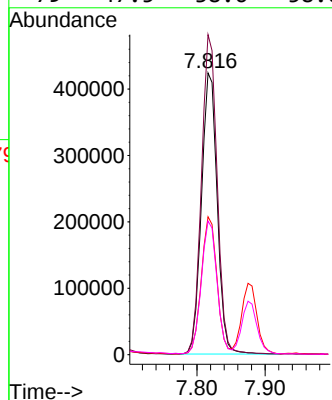
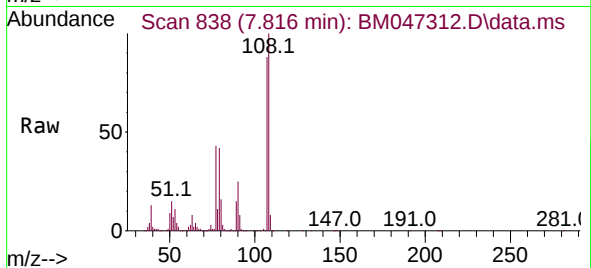




#17
2-Methylphenol
Concen: 46.662 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

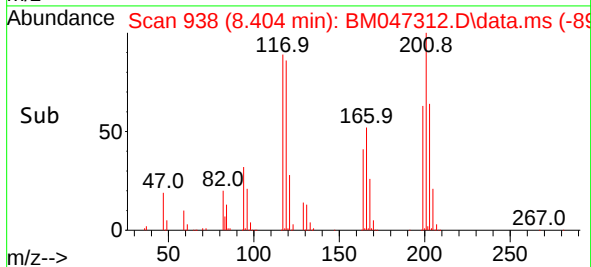
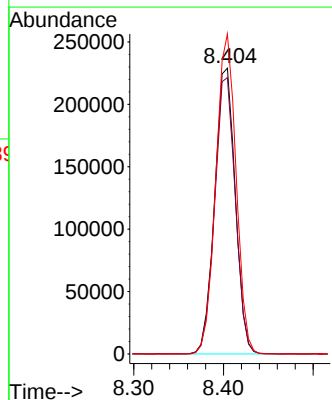
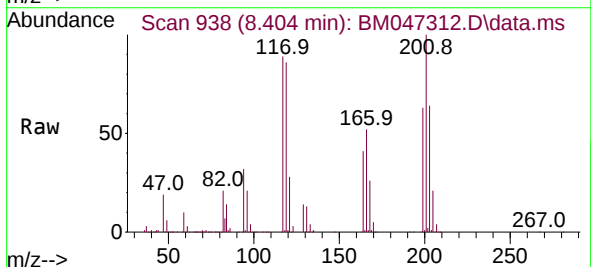
Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:	107	Resp:	678604
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.6	135.8
77	49.0	39.3	58.9
79	47.5	38.6	58.0



#18
Hexachloroethane
Concen: 45.305 ng
RT: 8.404 min Scan# 938
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:	117	Resp:	365109
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.4
201	112.0	81.3	121.9



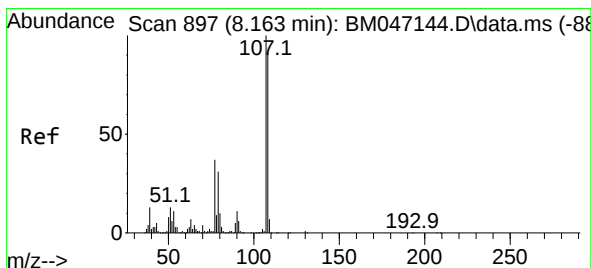
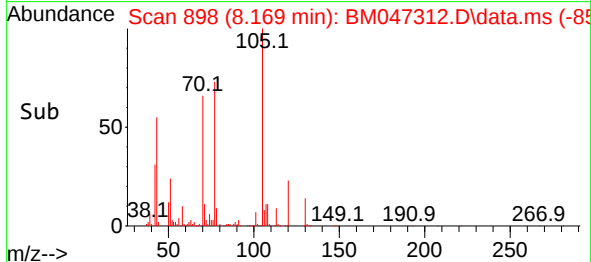
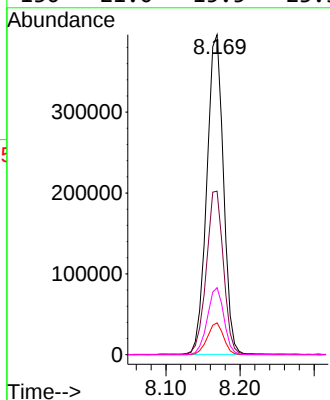
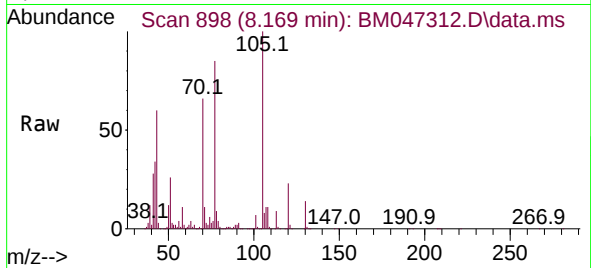


#19
n-Nitroso-di-n-propylamine
Concen: 41.788 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion: 70 Resp: 614919

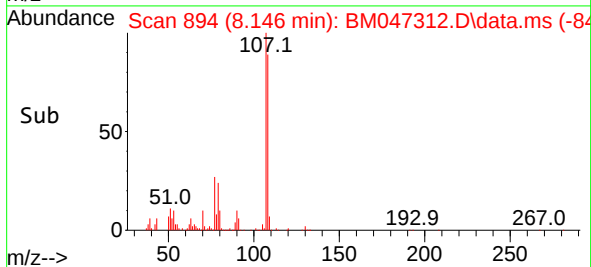
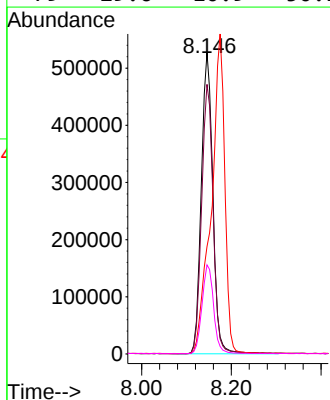
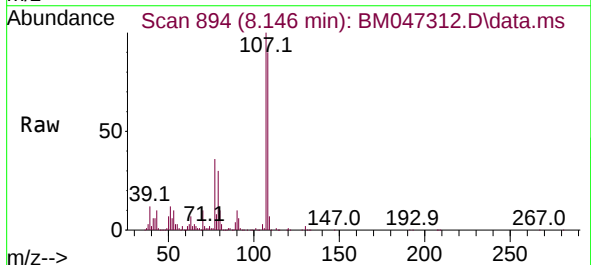
Ion	Ratio	Lower	Upper
70	100		
42	51.1	42.0	63.0
101	9.9	7.2	10.8
130	21.0	15.5	23.3



#20
3+4-Methylphenols
Concen: 46.191 ng
RT: 8.146 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 107 Resp: 939122

Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.7	110.7
77	35.6	17.4	57.4
79	29.6	10.9	50.9

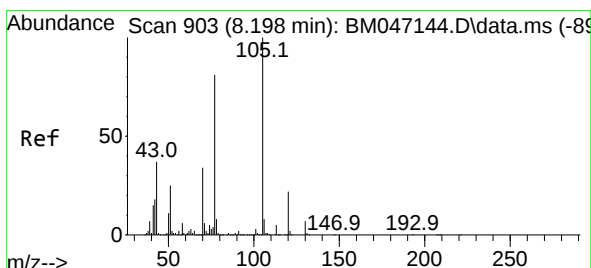
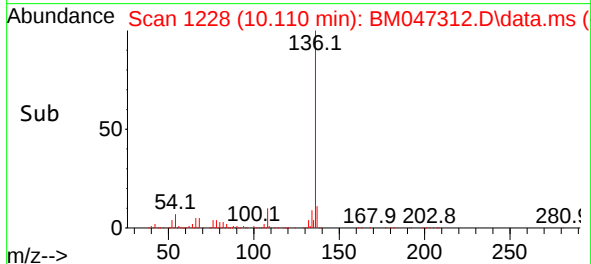
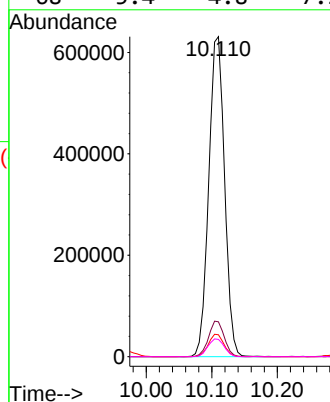
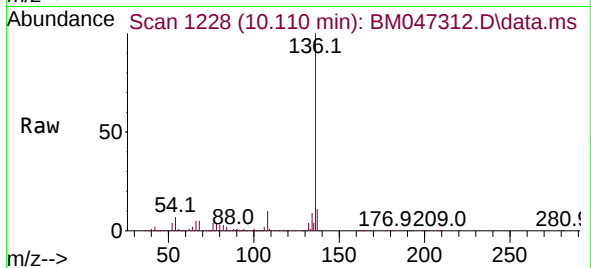




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

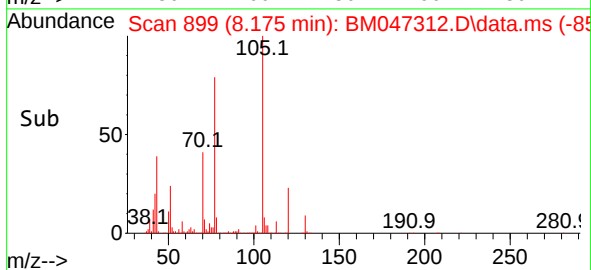
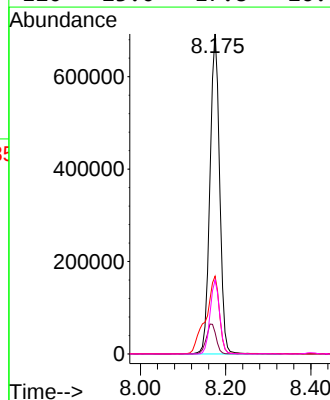
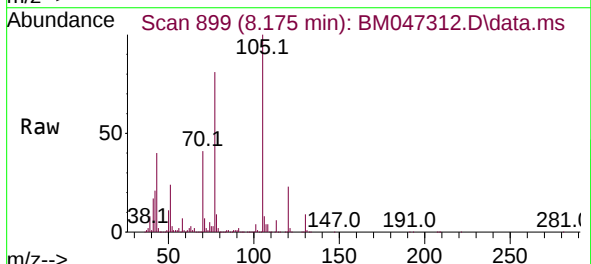
Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:136 Resp: 1058584
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 6.0 9.0
68 5.4 4.8 7.2



#22
Acetophenone
Concen: 42.710 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:105 Resp: 1091356
Ion Ratio Lower Upper
105 100
71 6.7 4.5 6.7
51 24.3 20.1 30.1
120 23.0 17.8 26.6

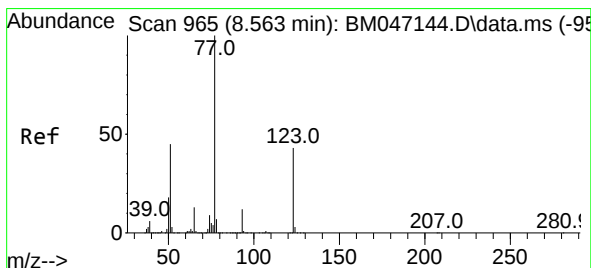
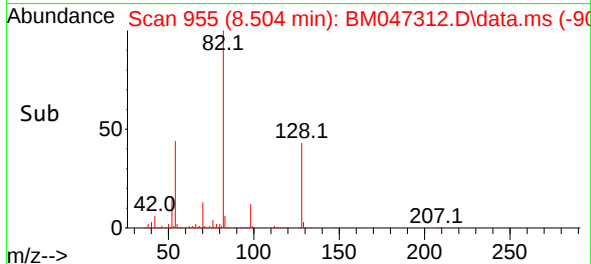
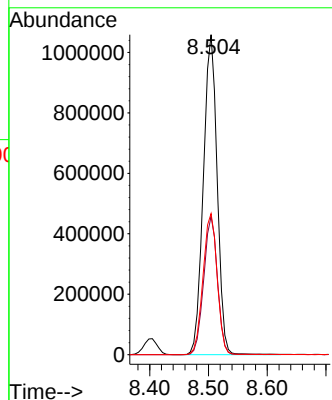
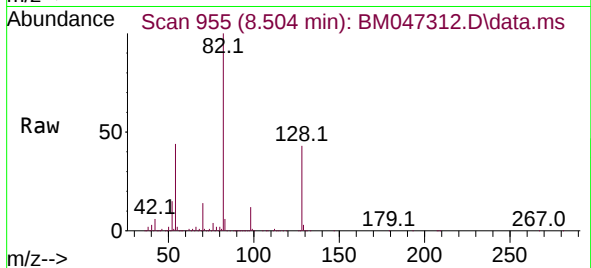




#23
Nitrobenzene-d5
Concen: 82.188 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

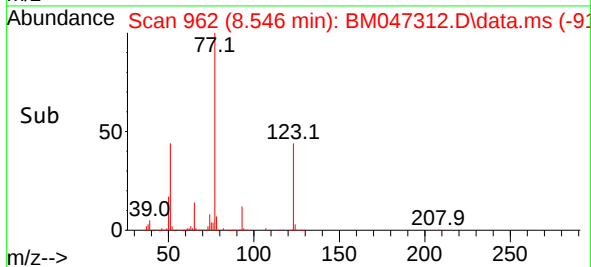
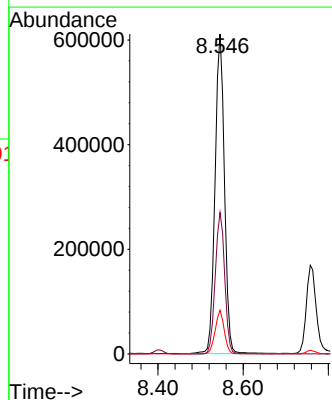
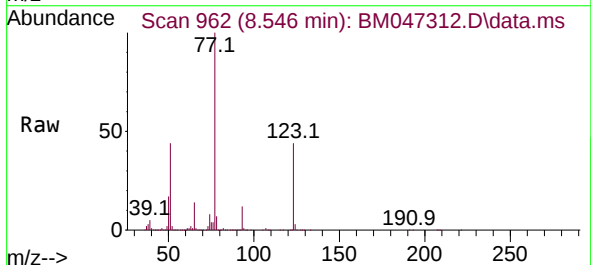
Instrument :
BNA_M
ClientSampleId :
PB162574BS

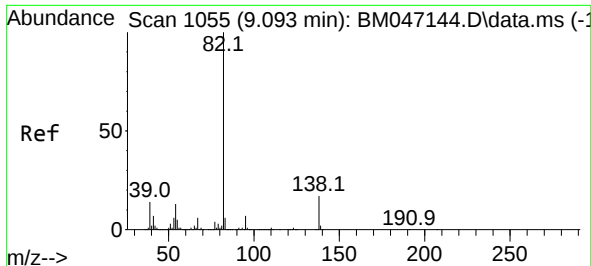
Tgt Ion: 82 Resp: 1727850
Ion Ratio Lower Upper
82 100
128 43.2 32.3 48.5
54 44.1 37.4 56.2



#24
Nitrobenzene
Concen: 44.168 ng
RT: 8.546 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 77 Resp: 934994
Ion Ratio Lower Upper
77 100
123 44.2 34.0 51.0
65 13.7 10.5 15.7

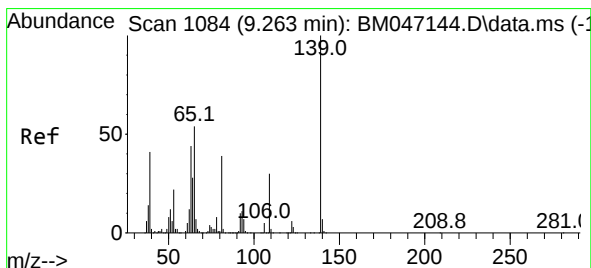
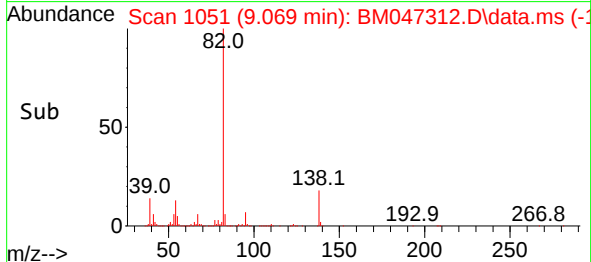
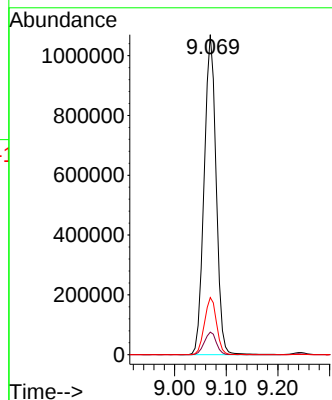
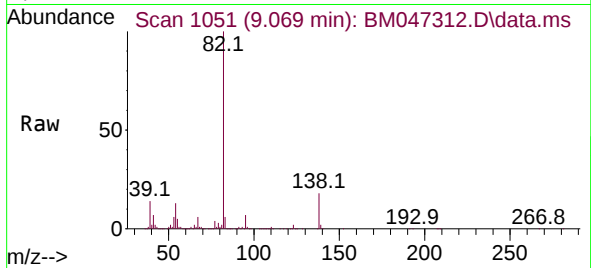




#25
Isophorone
Concen: 46.851 ng
RT: 9.069 min Scan# 1051
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

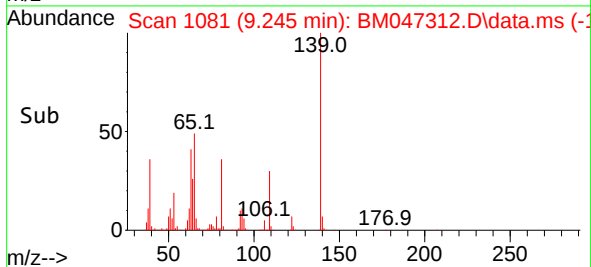
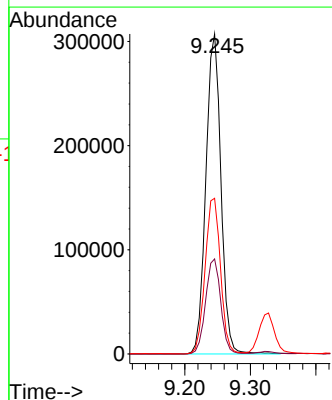
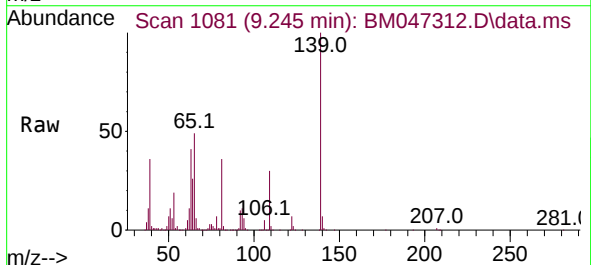
Instrument :
BNA_M
ClientSampleId :
PB162574BS

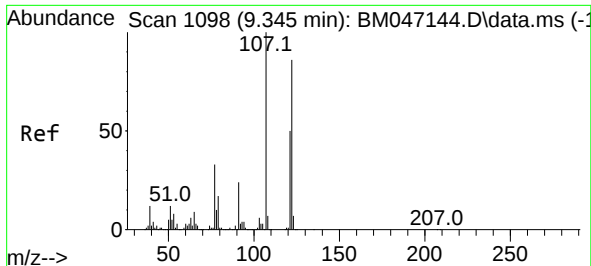
Tgt Ion: 82 Resp: 1714973
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 13.5 20.3



#26
2-Nitrophenol
Concen: 52.435 ng
RT: 9.245 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:139 Resp: 491579
Ion Ratio Lower Upper
139 100
109 29.7 24.4 36.6
65 48.7 43.0 64.6

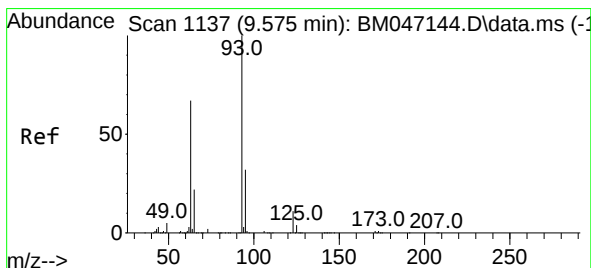
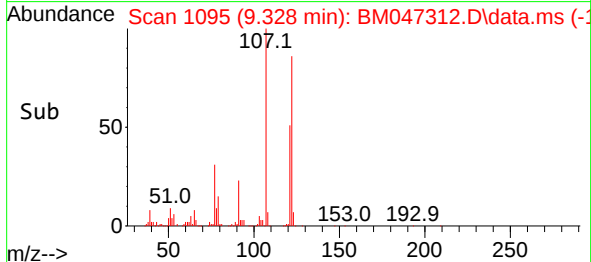
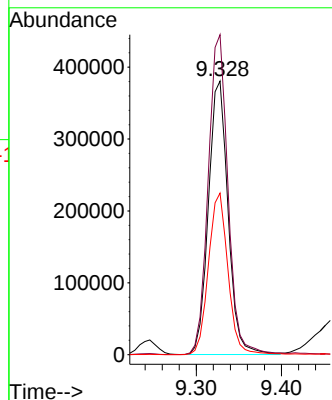
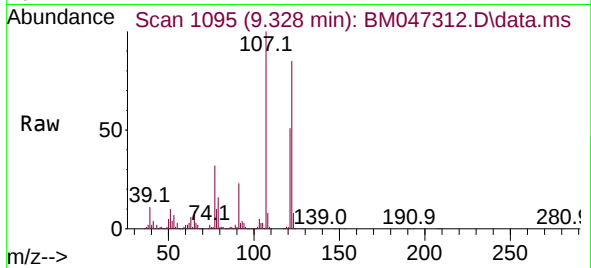




#27
2,4-Dimethylphenol
Concen: 55.526 ng
RT: 9.328 min Scan# 1095
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

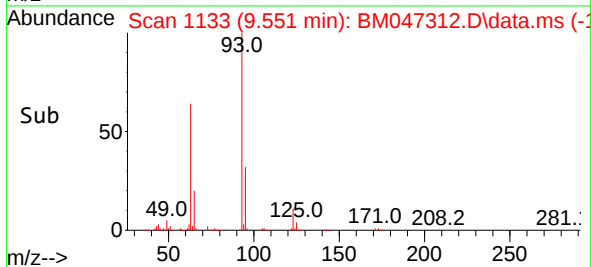
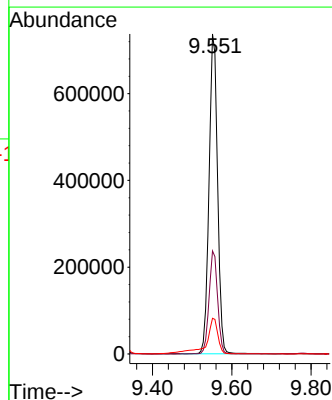
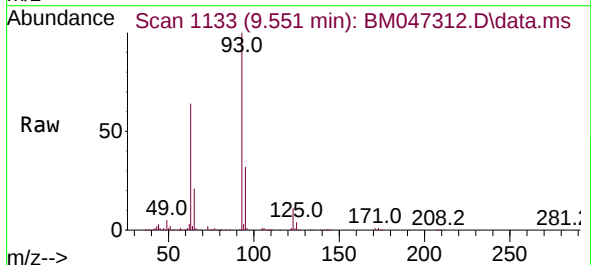
Instrument :
BNA_M
ClientSampleId :
PB162574BS

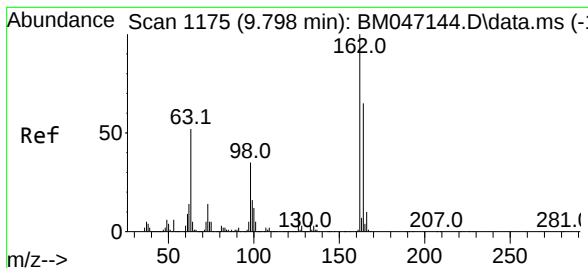
Tgt Ion:122 Resp: 609780
Ion Ratio Lower Upper
122 100
107 117.0 92.8 139.2
121 59.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 47.732 ng
RT: 9.551 min Scan# 1133
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 93 Resp: 1099403
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 55.122 ng

RT: 9.781 min Scan# 1175

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

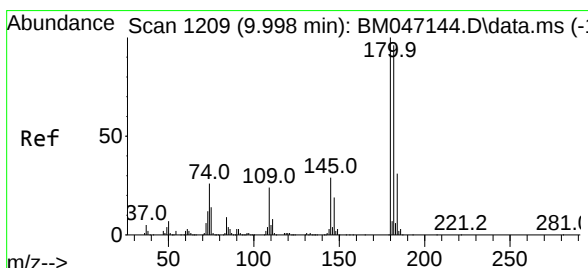
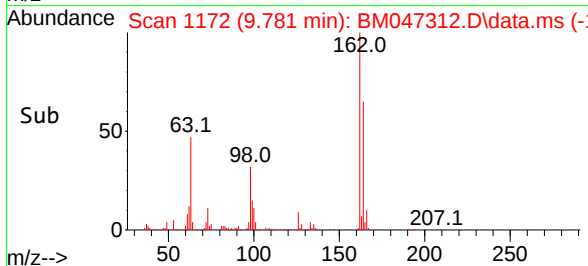
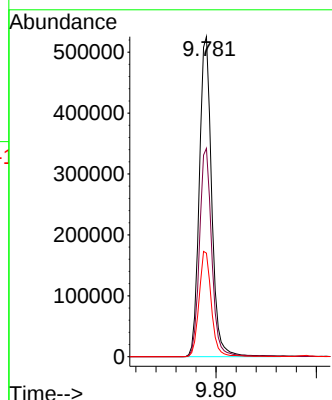
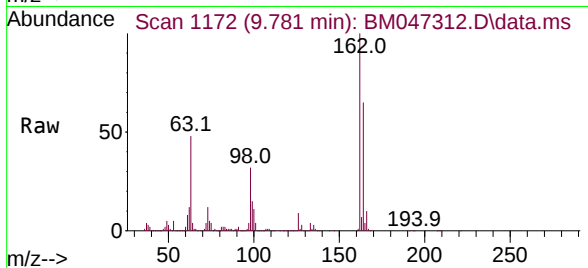
Tgt Ion:162 Resp: 898177

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

98 32.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 50.561 ng

RT: 9.975 min Scan# 1205

Delta R.T. -0.024 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

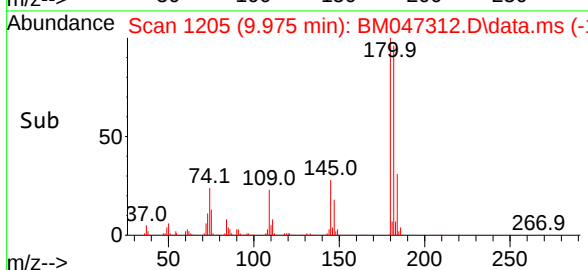
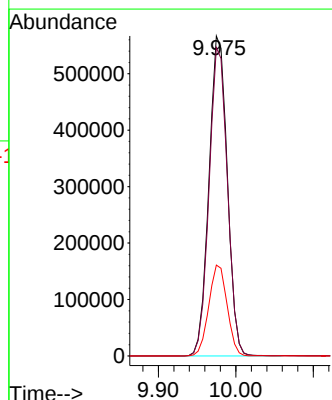
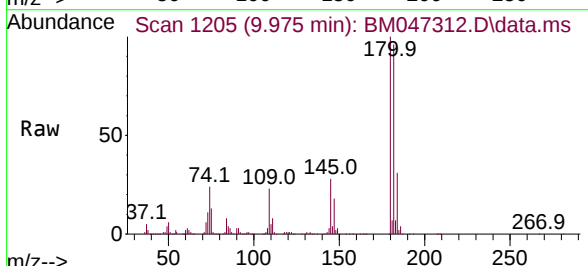
Tgt Ion:180 Resp: 932354

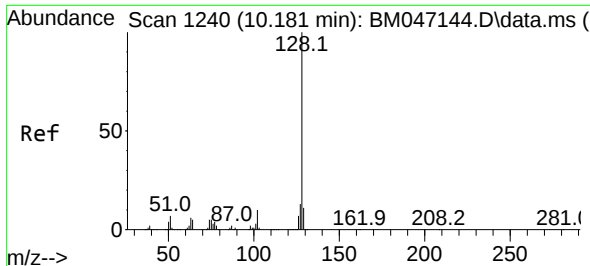
Ion Ratio Lower Upper

180 100

182 96.4 76.6 115.0

145 28.4 23.4 35.2

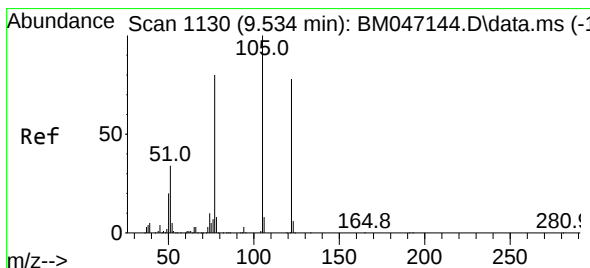
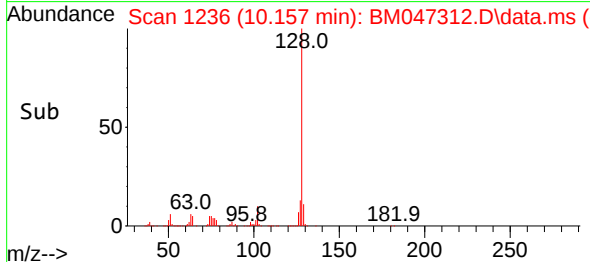
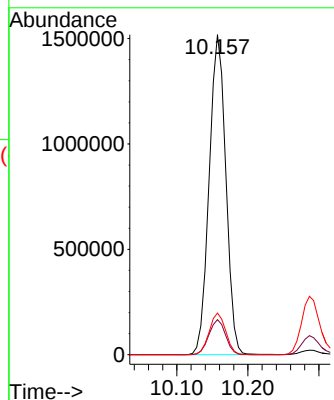
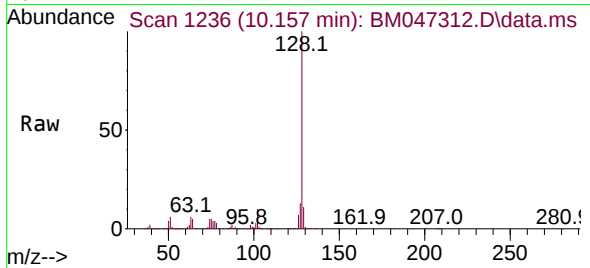




#31
Naphthalene
Concen: 46.966 ng
RT: 10.157 min Scan# 1128
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

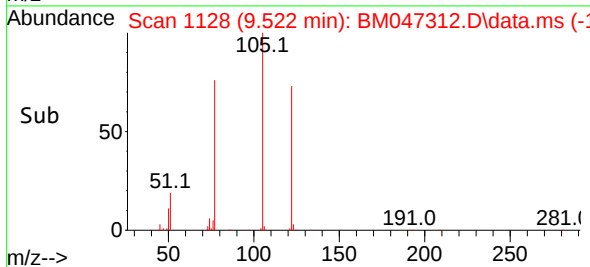
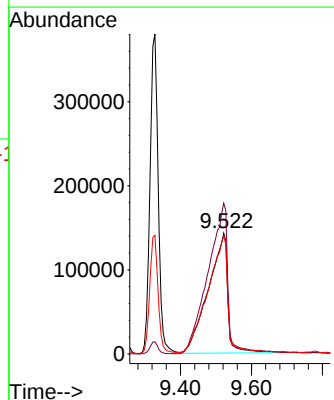
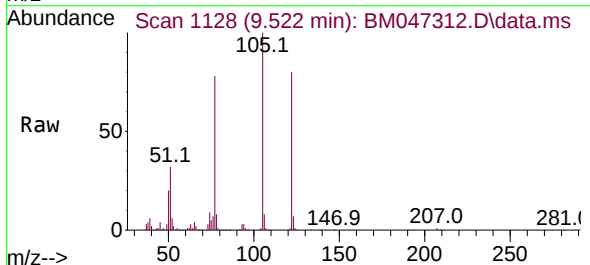
Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:128 Resp: 2476735
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 43.063 ng
RT: 9.522 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:122 Resp: 549435
Ion Ratio Lower Upper
122 100
105 124.8 107.1 147.1
77 97.6 82.1 122.1





#33

4-Chloroaniline

Concen: 25.353 ng

RT: 10.287 min Scan# 11

Delta R.T. -0.024 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

Tgt Ion:127 Resp: 514139

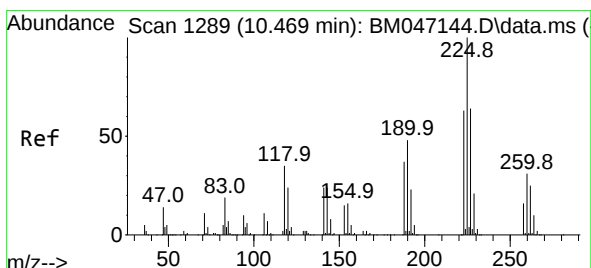
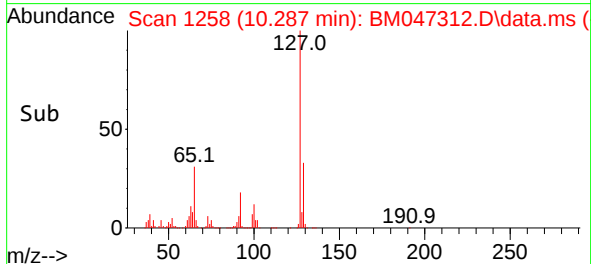
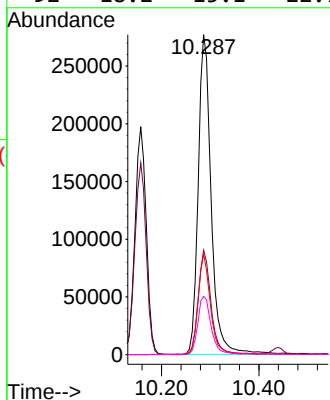
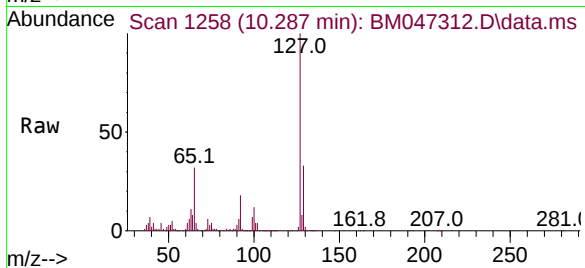
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.8

65 31.5 24.9 37.3

92 18.2 15.1 22.7



#34

Hexachlorobutadiene

Concen: 52.851 ng

RT: 10.440 min Scan# 1284

Delta R.T. -0.029 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

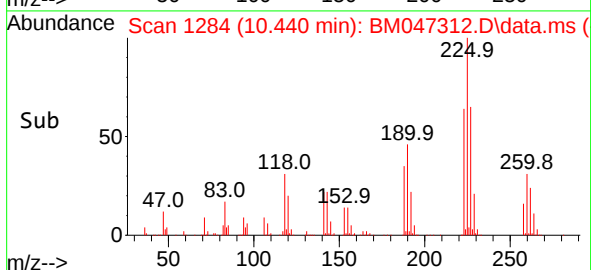
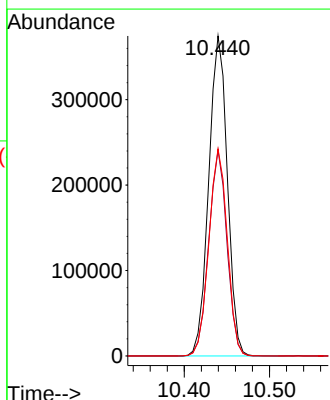
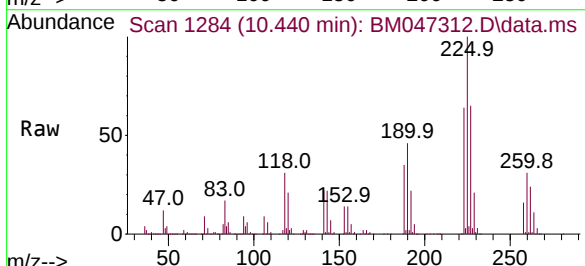
Tgt Ion:225 Resp: 570431

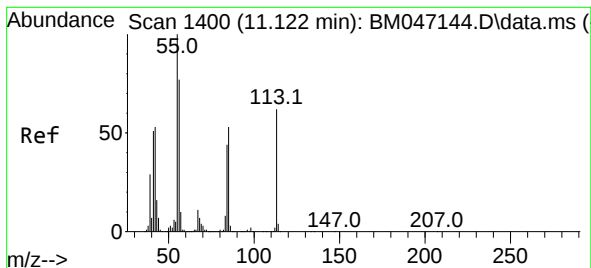
Ion Ratio Lower Upper

225 100

223 64.3 50.2 75.2

227 64.7 51.4 77.0

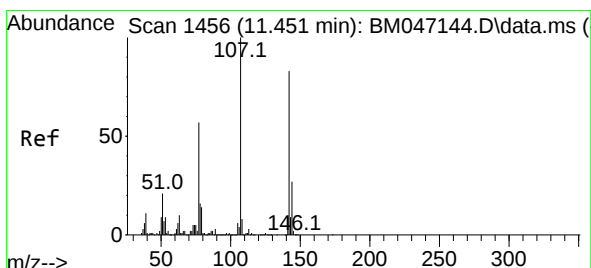
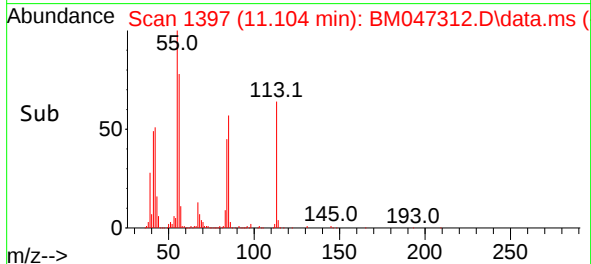
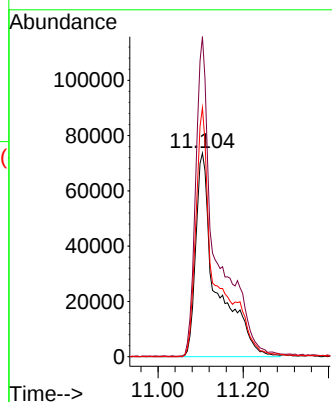
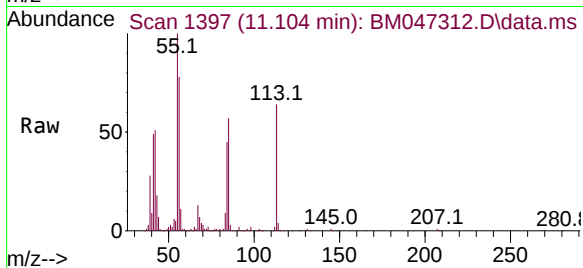




#35
Caprolactam
Concen: 44.082 ng
RT: 11.104 min Scan# 11104
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

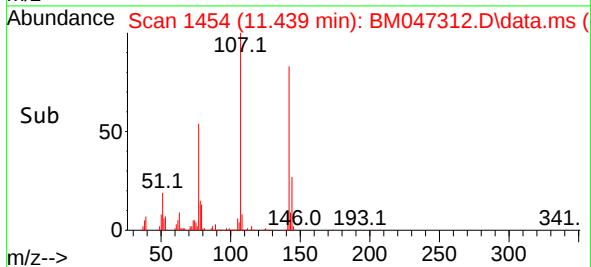
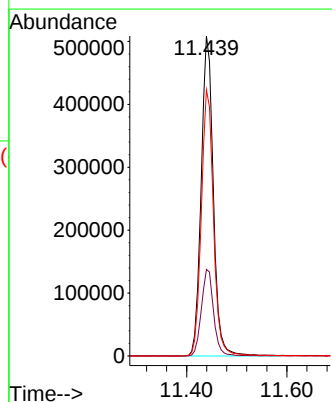
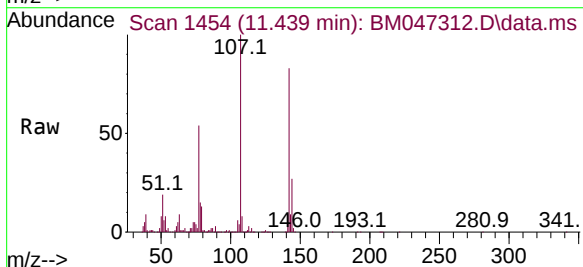
Instrument :
BNA_M
ClientSampleId :
PB162574BS

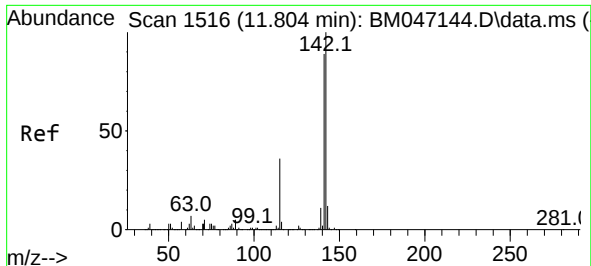
Tgt Ion:113 Resp: 249451
Ion Ratio Lower Upper
113 100
55 157.2 140.5 180.5
56 122.3 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 49.295 ng
RT: 11.439 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:107 Resp: 855439
Ion Ratio Lower Upper
107 100
144 27.0 21.8 32.6
142 83.1 66.8 100.2

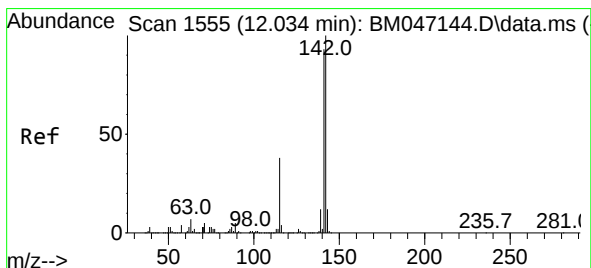
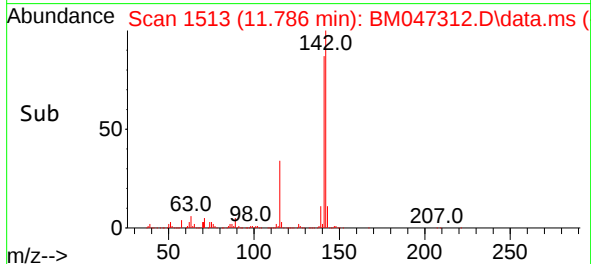
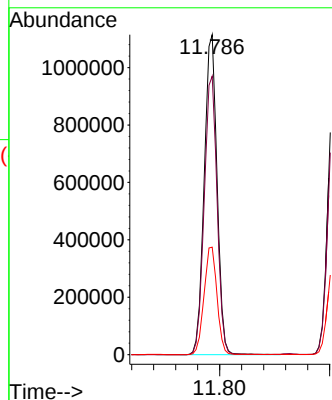
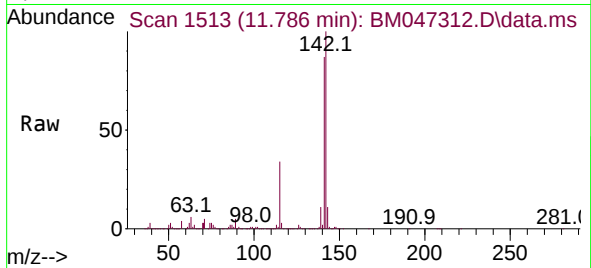




#37
2-Methylnaphthalene
Concen: 47.907 ng
RT: 11.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

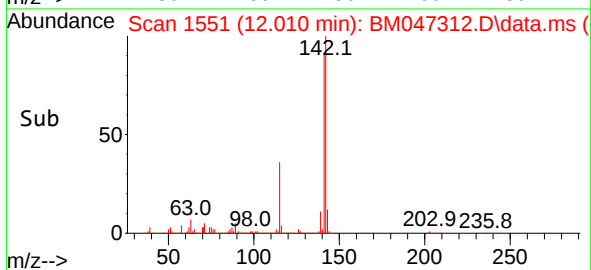
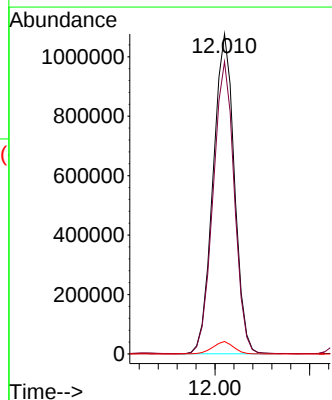
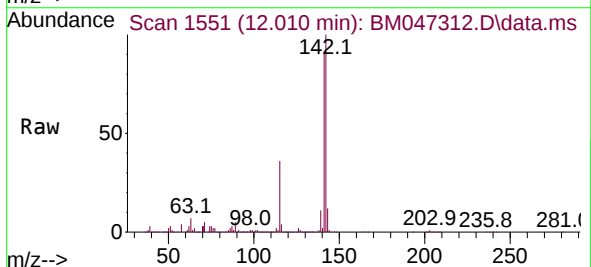
Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:142 Resp: 1798765
Ion Ratio Lower Upper
142 100
141 87.1 70.9 106.3
115 33.6 28.7 43.1



#38
1-Methylnaphthalene
Concen: 45.245 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:142 Resp: 1678972
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

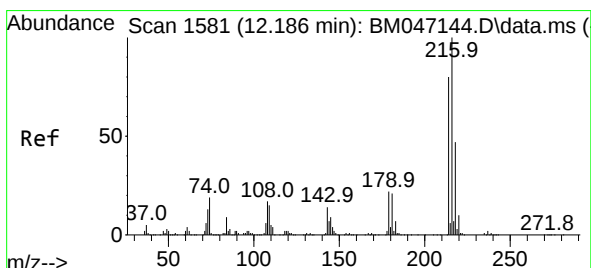
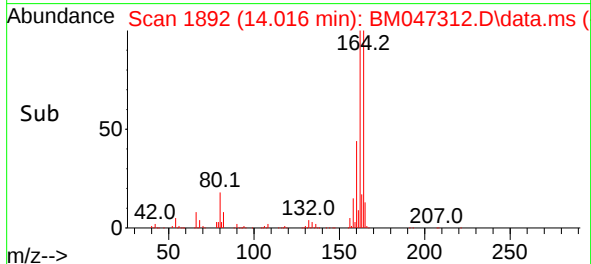
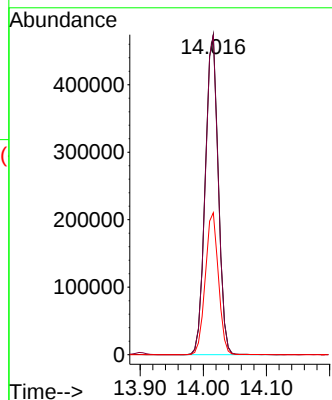
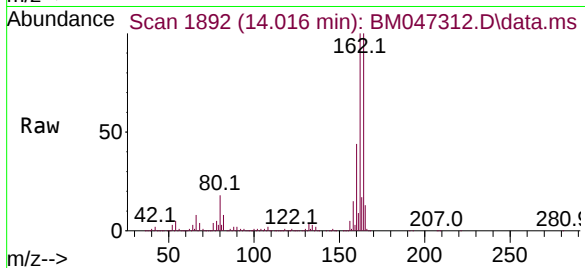
Tgt Ion:164 Resp: 677511

Ion Ratio Lower Upper

164 100

162 99.7 80.7 121.1

160 44.4 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.523 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Tgt Ion:216 Resp: 933637

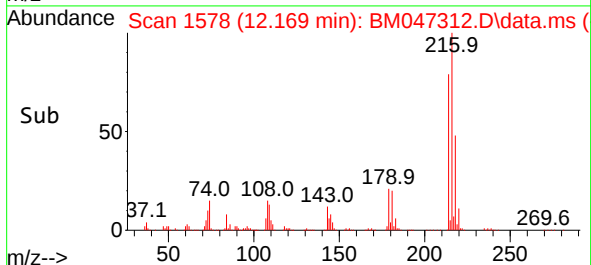
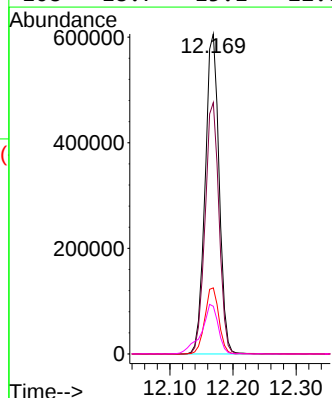
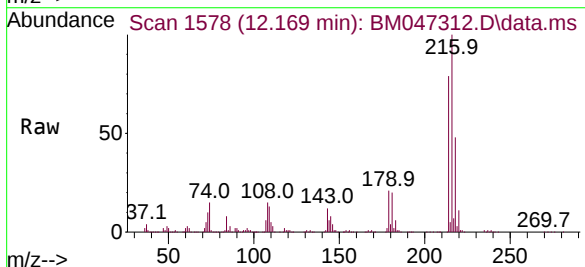
Ion Ratio Lower Upper

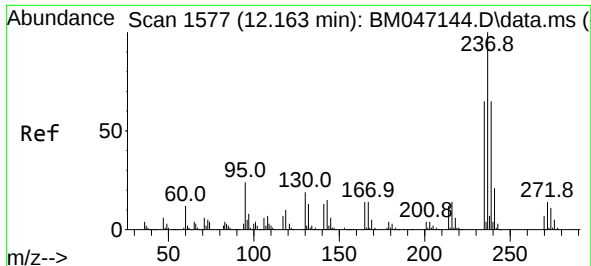
216 100

214 78.2 63.4 95.2

179 20.8 17.6 26.4

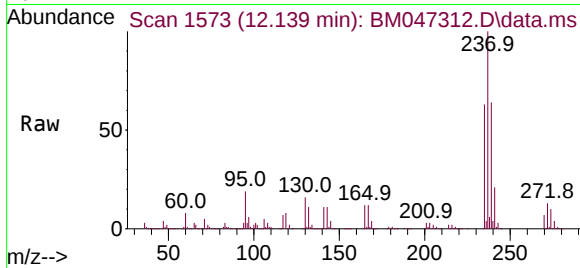
108 18.7 15.1 22.7



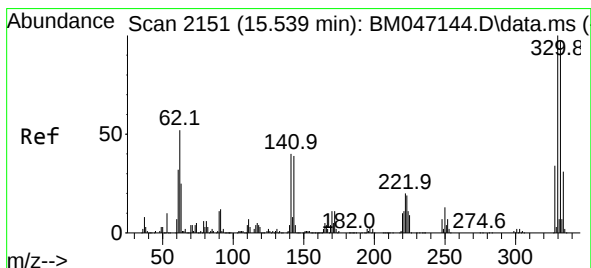
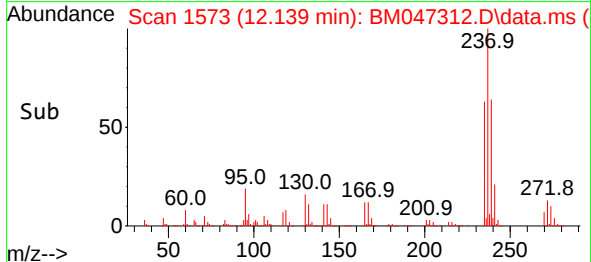
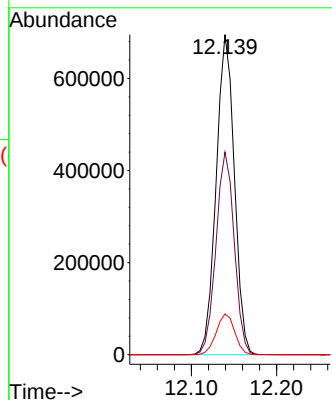


#41
Hexachlorocyclopentadiene
Concen: 159.868 ng
RT: 12.139 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Instrument :
BNA_M
ClientSampleId :
PB162574BS

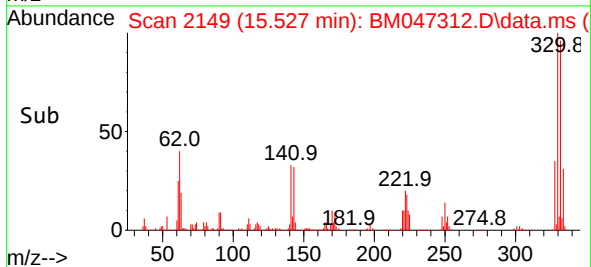
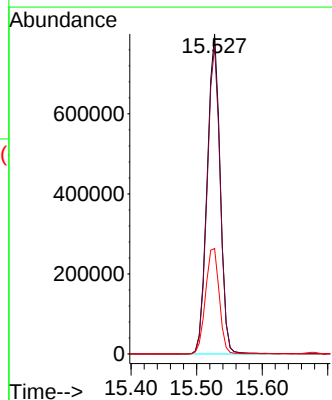
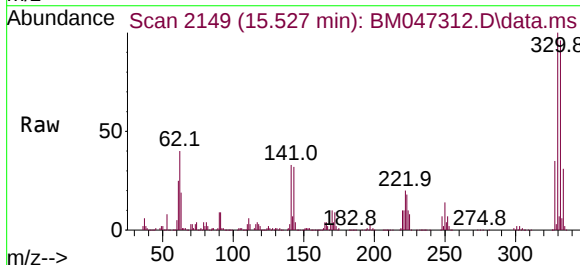


Tgt Ion:237 Resp: 1031592
Ion Ratio Lower Upper
237 100
235 63.3 44.8 84.8
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 140.540 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:330 Resp: 1104060
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 35.0 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 55.442 ng

RT: 12.428 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

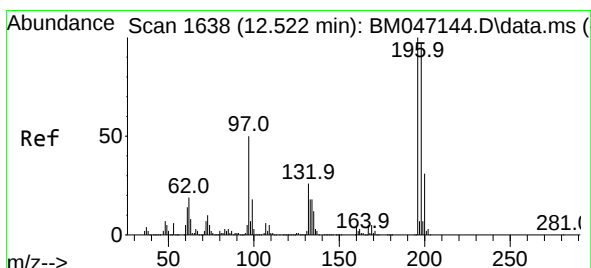
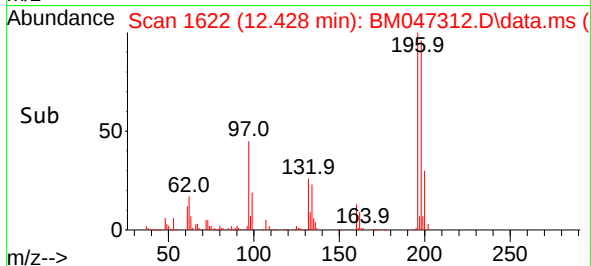
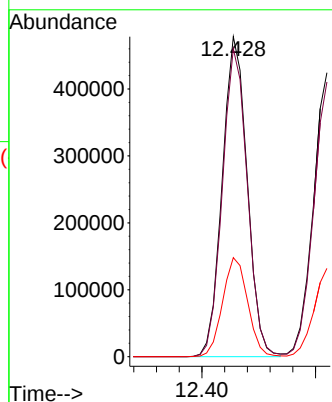
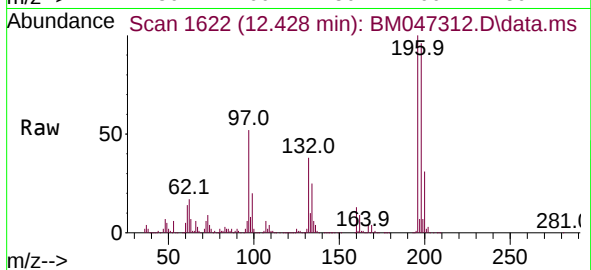
Tgt Ion:196 Resp: 728213

Ion Ratio Lower Upper

196 100

198 96.3 75.6 113.4

200 31.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 51.447 ng

RT: 12.510 min Scan# 1636

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Tgt Ion:196 Resp: 750277

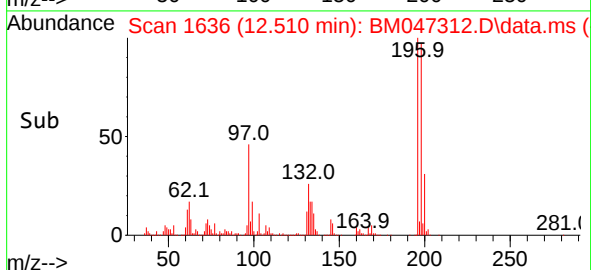
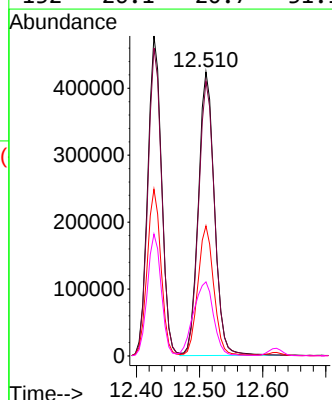
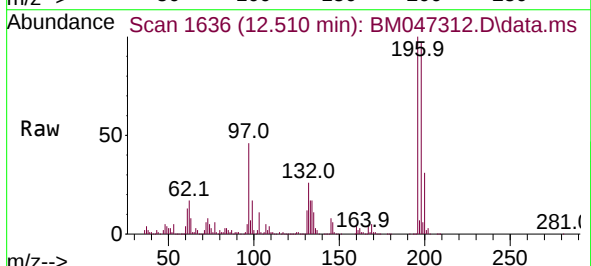
Ion Ratio Lower Upper

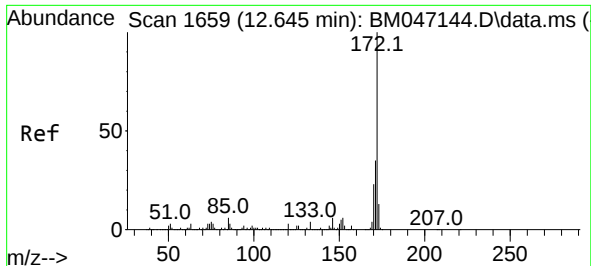
196 100

198 96.7 77.7 116.5

97 45.8 39.8 59.8

132 26.1 20.7 31.1

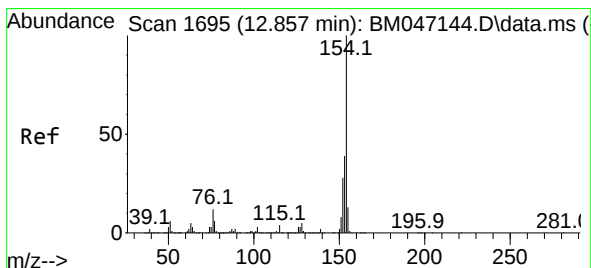
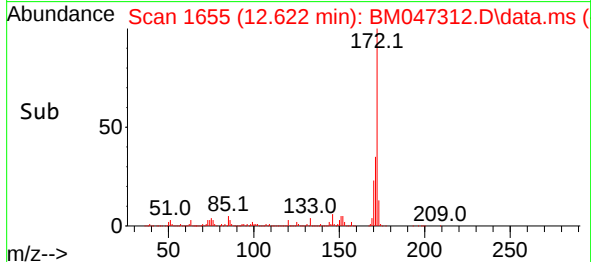
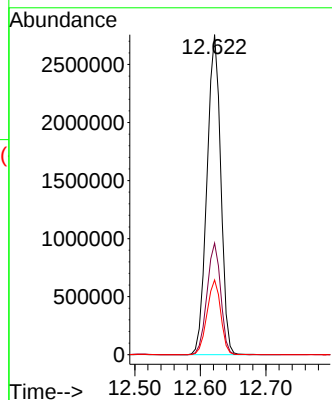
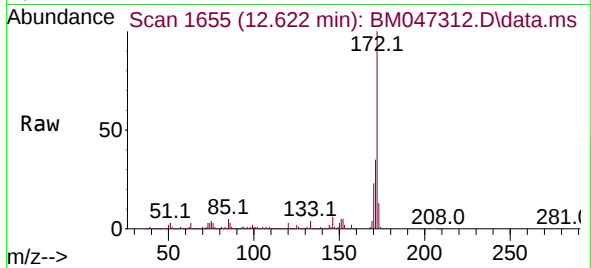




#45
2-Fluorobiphenyl
Concen: 91.869 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

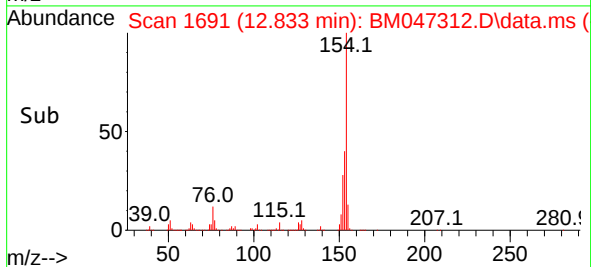
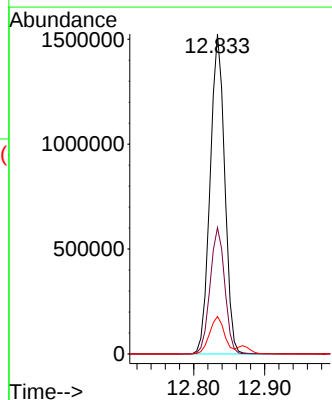
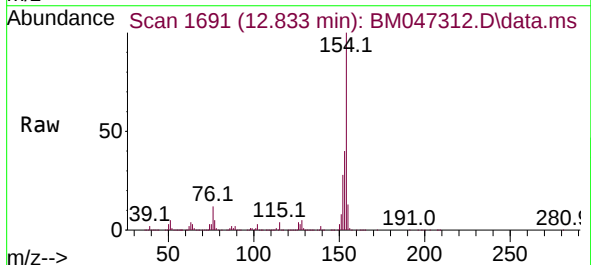
Instrument :
BNA_M
ClientSampleId :
PB162574BS

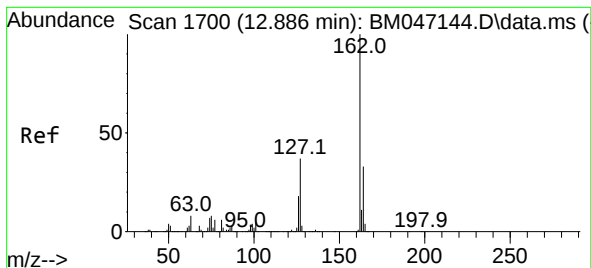
Tgt Ion:172 Resp: 4035083
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 45.063 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:154 Resp: 2173506
Ion Ratio Lower Upper
154 100
153 39.5 19.0 59.0
76 11.7 0.0 31.9

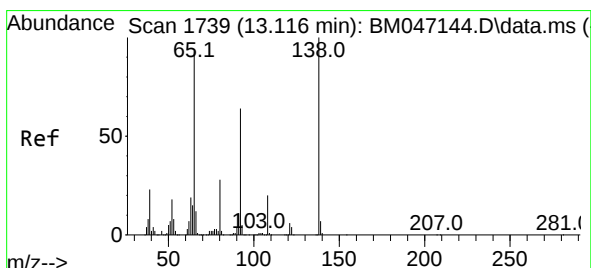
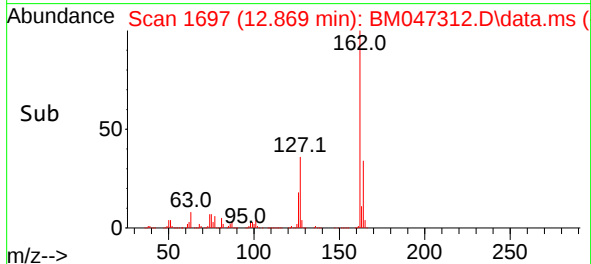
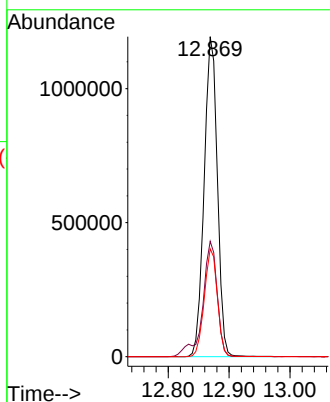
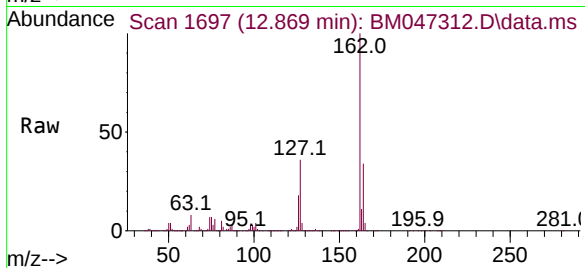




#47
2-Chloronaphthalene
Concen: 47.810 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

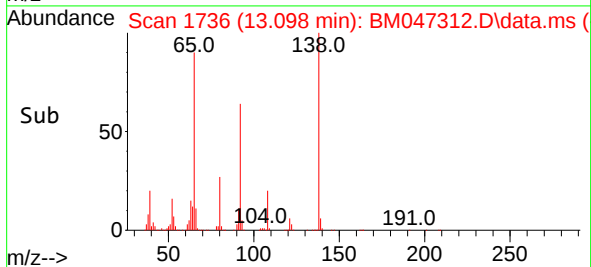
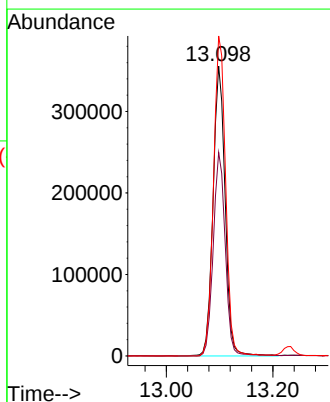
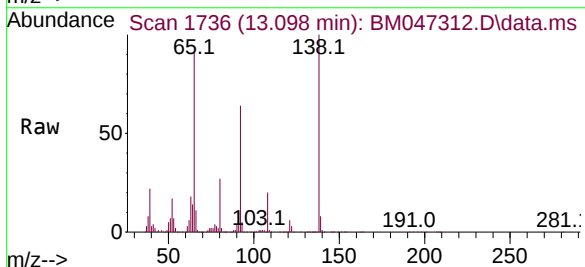
Instrument :
BNA_M
ClientSampleId :
PB162574BS

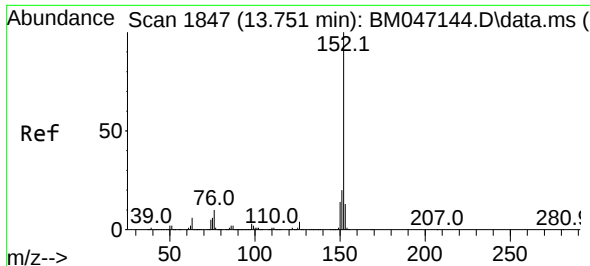
Tgt Ion:162 Resp: 1802401
Ion Ratio Lower Upper
162 100
127 36.1 30.0 45.0
164 33.7 26.3 39.5



#48
2-Nitroaniline
Concen: 47.407 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion: 65 Resp: 559896
Ion Ratio Lower Upper
65 100
92 70.2 55.1 82.7
138 110.4 85.9 128.9

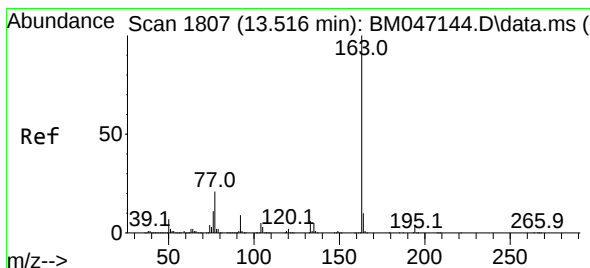
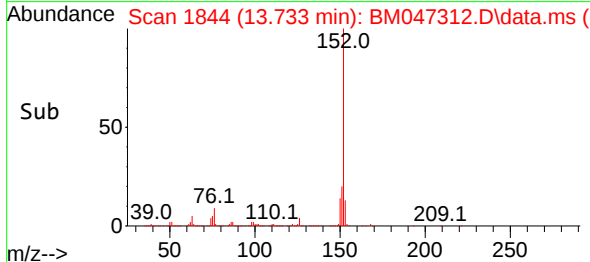
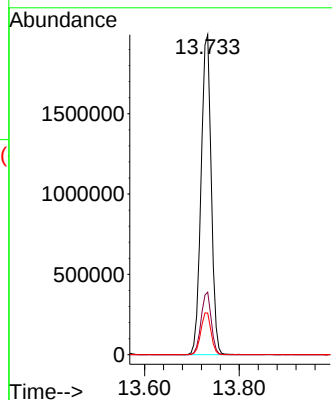
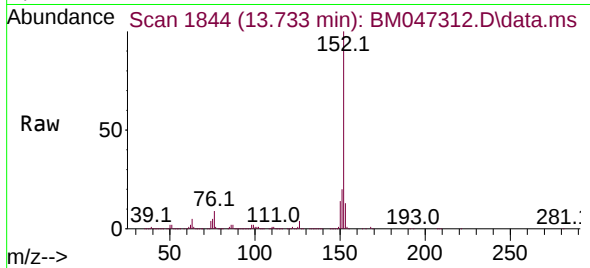




#49
Acenaphthylene
Concen: 53.150 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

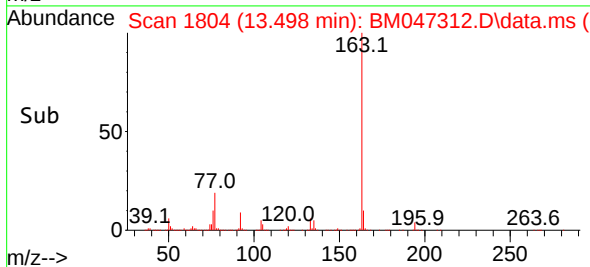
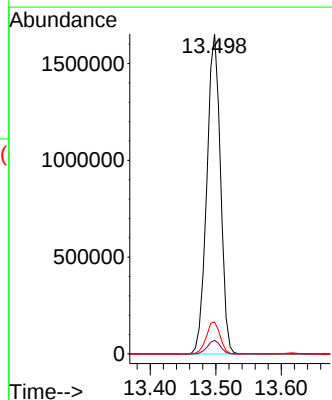
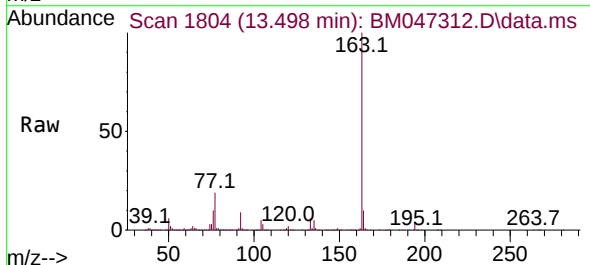
Instrument :
BNA_M
ClientSampleId :
PB162574BS

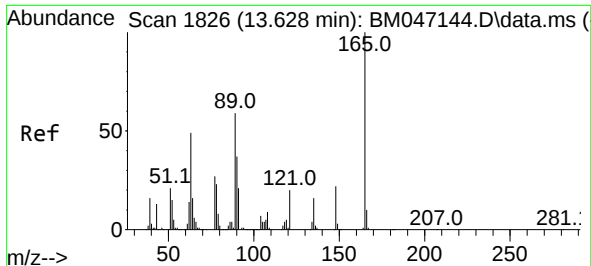
Tgt Ion:152 Resp: 2953504
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 50.632 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:163 Resp: 2395782
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.0 8.0 12.0

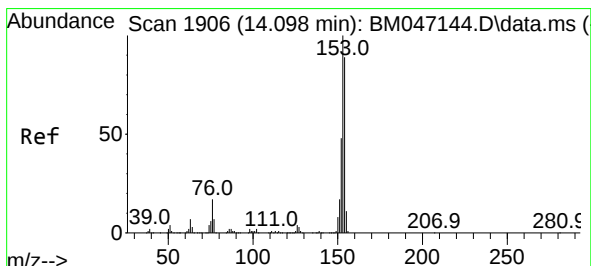
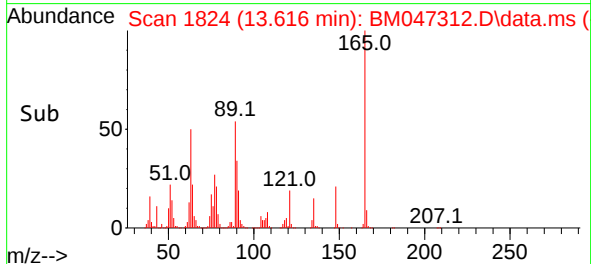
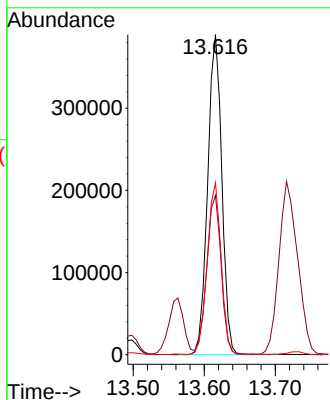
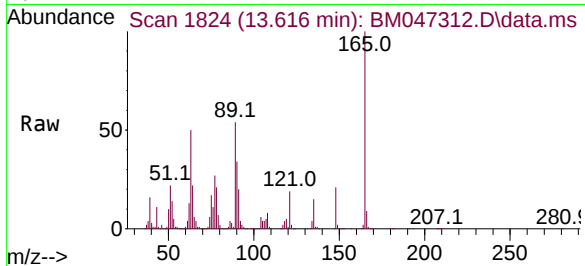




#51
2,6-Dinitrotoluene
Concen: 48.828 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

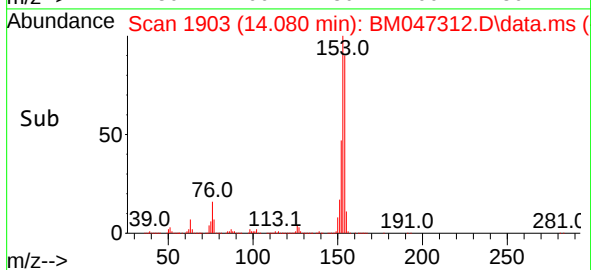
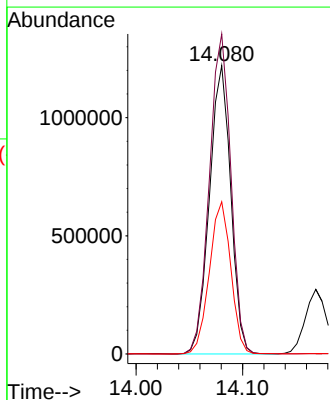
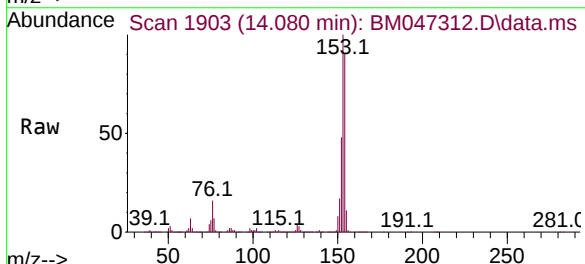
Instrument :
BNA_M
ClientSampleId :
PB162574BS

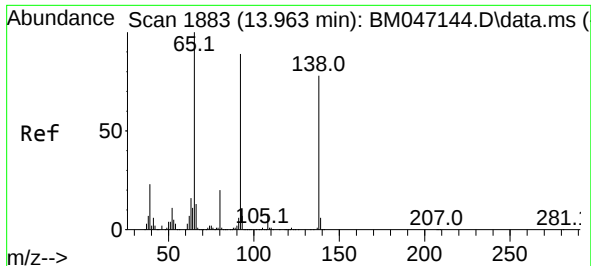
Tgt Ion:165 Resp: 540097
Ion Ratio Lower Upper
165 100
63 49.8 46.5 69.7
89 53.7 47.3 70.9



#52
Acenaphthene
Concen: 48.137 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:154 Resp: 1696794
Ion Ratio Lower Upper
154 100
153 111.0 90.3 135.5
152 52.8 42.9 64.3

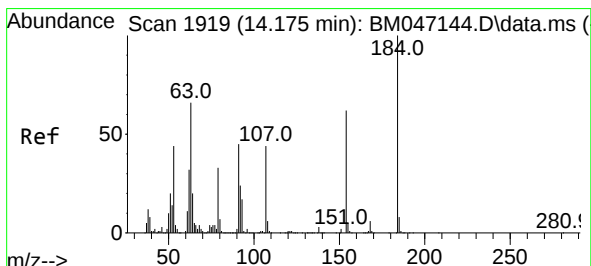
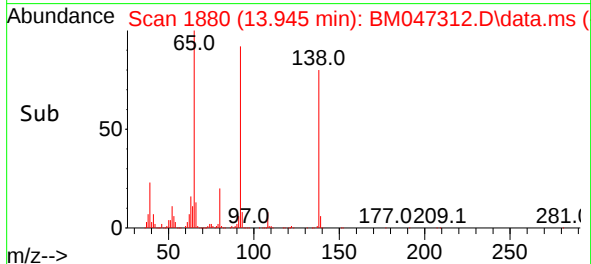
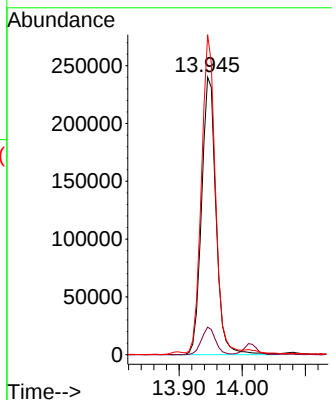
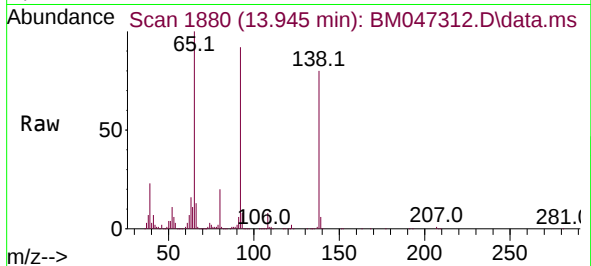




#53
3-Nitroaniline
Concen: 34.388 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

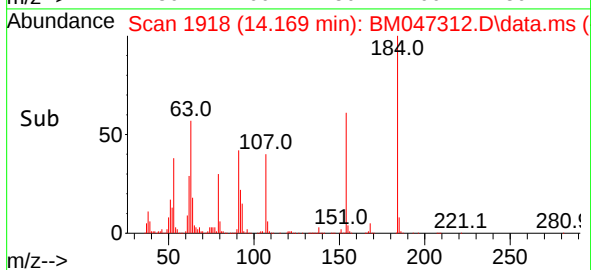
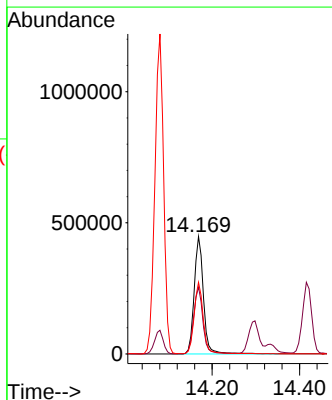
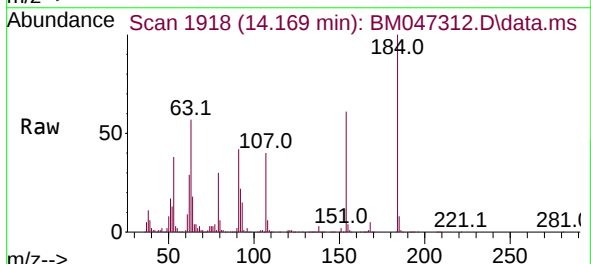
Instrument :
BNA_M
ClientSampleId :
PB162574BS

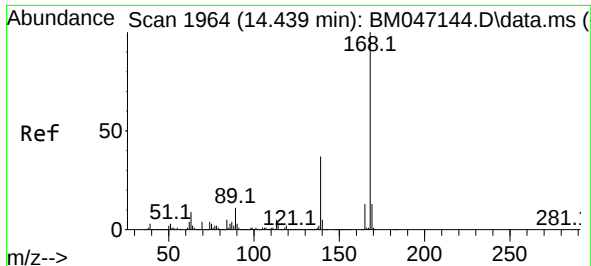
Tgt Ion:138 Resp: 381148
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 115.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 99.975 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:184 Resp: 662781
Ion Ratio Lower Upper
184 100
63 56.9 52.7 79.1
154 61.1 50.4 75.6

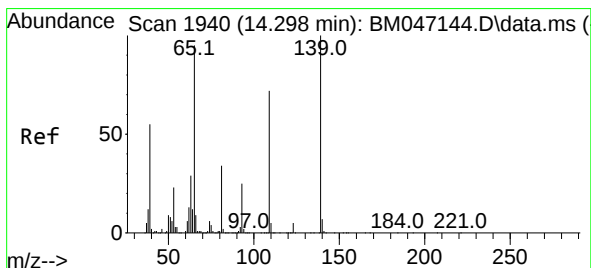
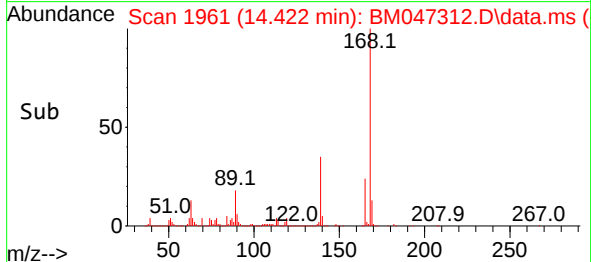
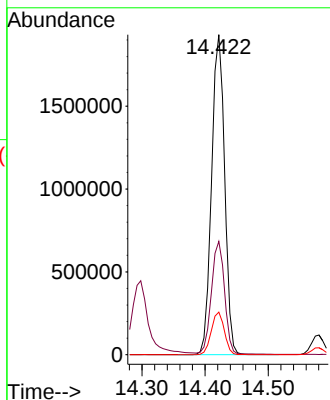
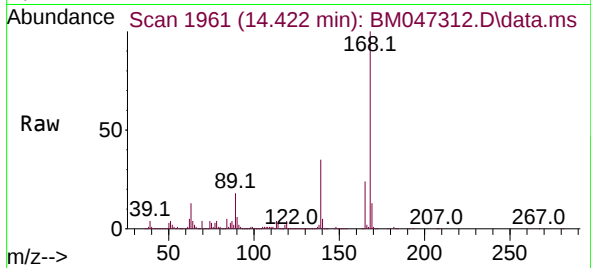




#55
Dibenzenofuran
Concen: 49.746 ng
RT: 14.422 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

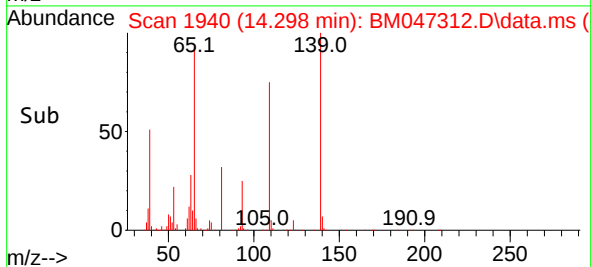
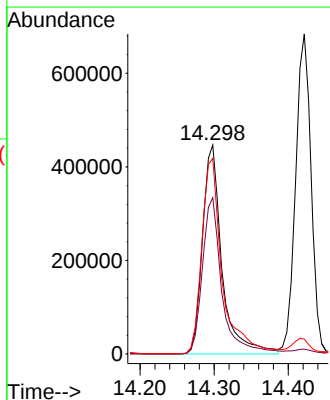
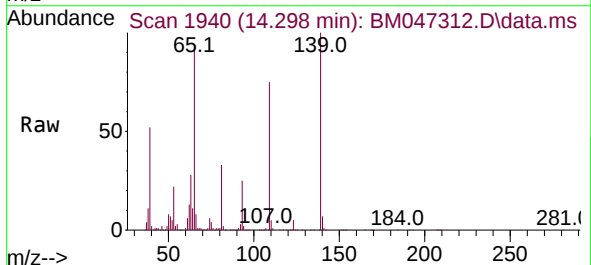
Instrument :
BNA_M
ClientSampleId :
PB162574BS

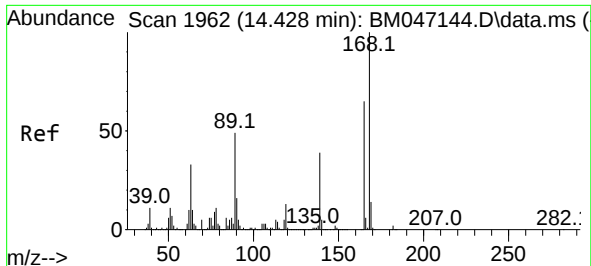
Tgt Ion:168 Resp: 2769768
Ion Ratio Lower Upper
168 100
139 35.4 29.6 44.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 85.410 ng
RT: 14.298 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:139 Resp: 816316
Ion Ratio Lower Upper
139 100
109 74.8 52.5 92.5
65 93.6 75.4 115.4





#57

2,4-Dinitrotoluene

Concen: 48.013 ng

RT: 14.416 min Scan# 1962

Delta R.T. -0.012 min

Lab File: BM047312.D

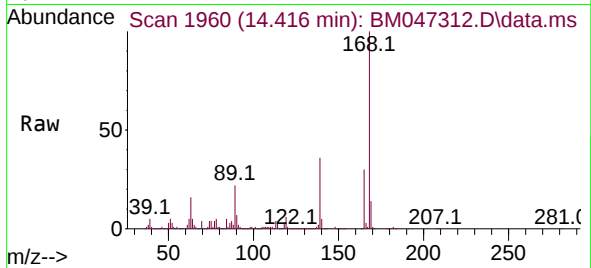
Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS



Tgt Ion:165 Resp: 708872

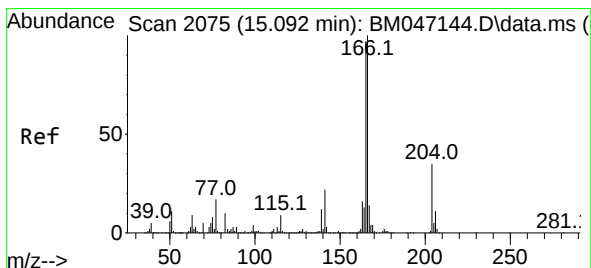
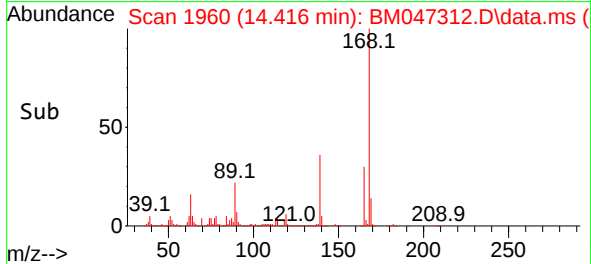
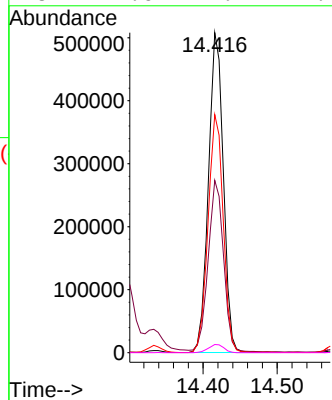
Ion Ratio Lower Upper

165 100

63 53.9 40.3 60.5

89 74.4 61.0 91.6

182 2.6 1.9 2.9



#58

Fluorene

Concen: 48.102 ng

RT: 15.075 min Scan# 2072

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

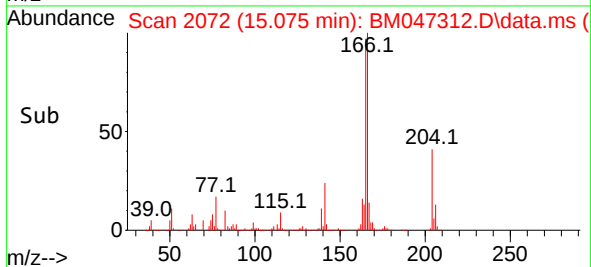
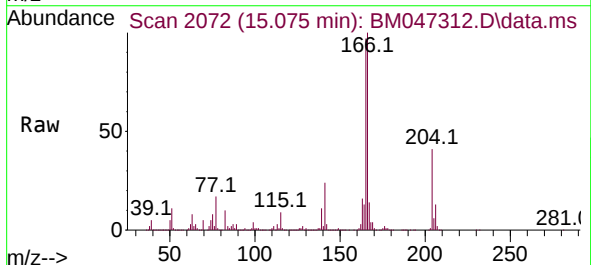
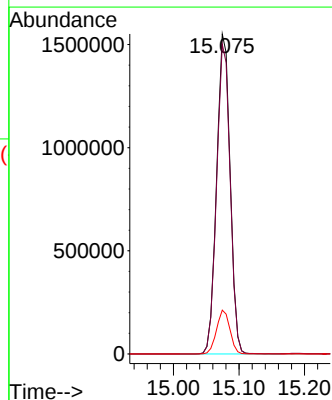
Tgt Ion:166 Resp: 2209842

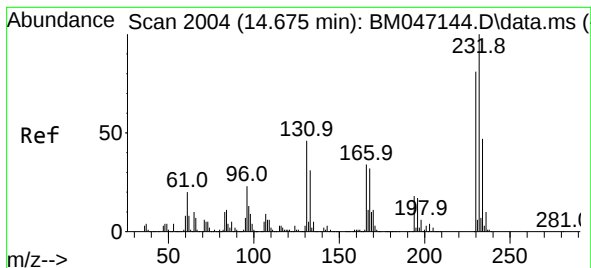
Ion Ratio Lower Upper

166 100

165 96.8 77.4 116.0

167 13.7 11.0 16.6

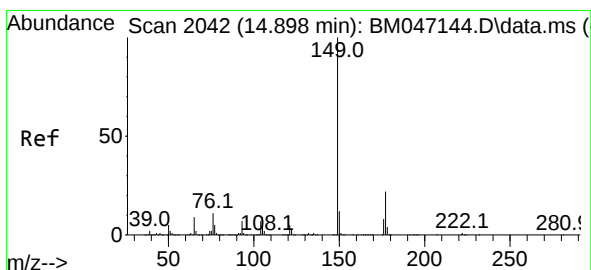
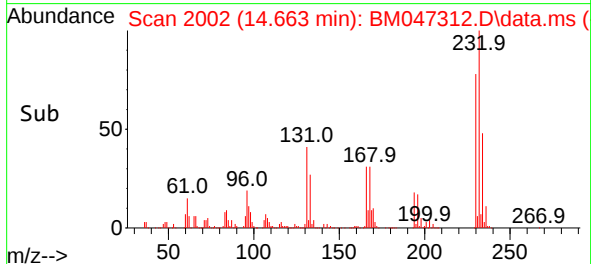
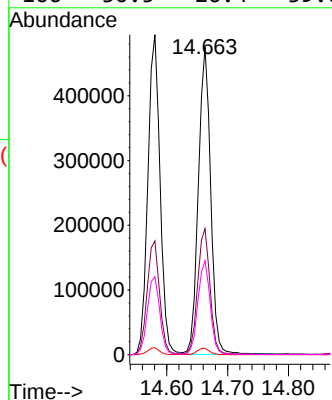
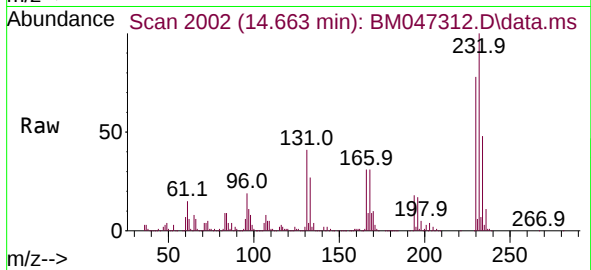




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.651 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

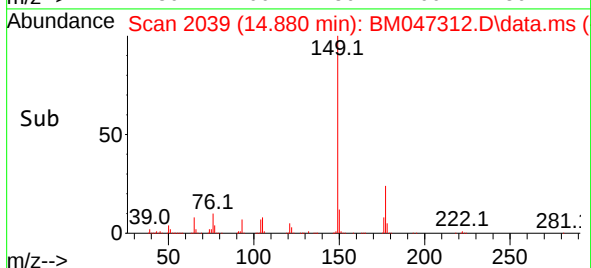
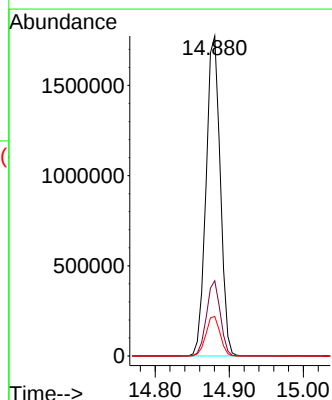
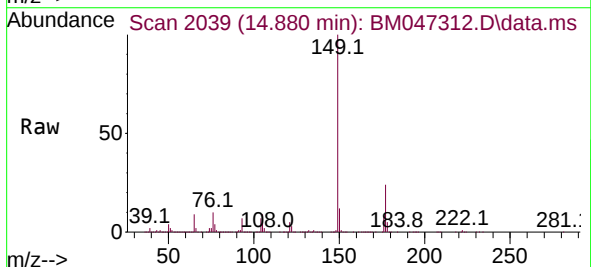
Instrument :
BNA_M
ClientSampleId :
PB162574BS

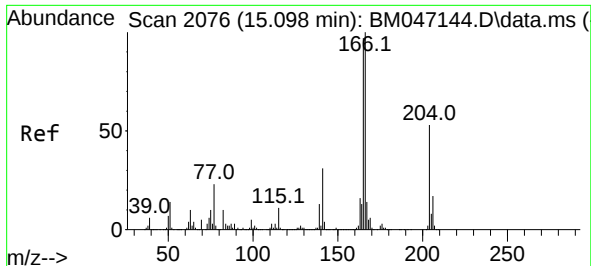
Tgt Ion:232 Resp: 667000
Ion Ratio Lower Upper
232 100
131 41.3 36.9 55.3
130 2.1 2.0 3.0
166 30.5 26.4 39.6



#60
Diethylphthalate
Concen: 48.767 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

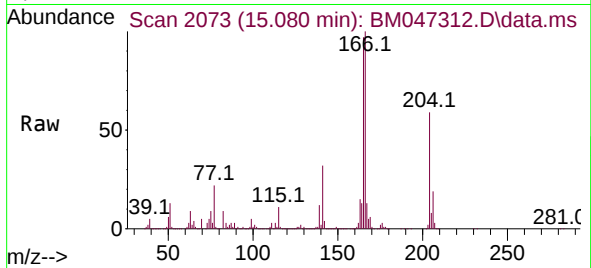
Tgt Ion:149 Resp: 2356410
Ion Ratio Lower Upper
149 100
177 23.5 17.6 26.4
150 12.3 9.8 14.6



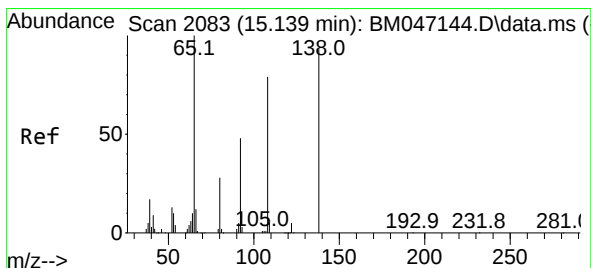
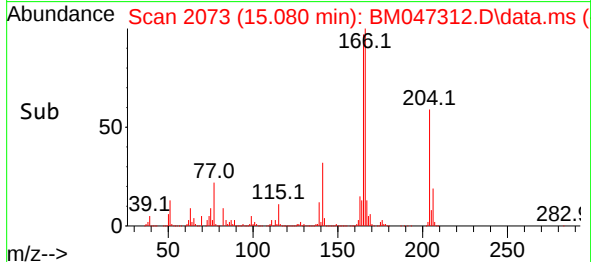
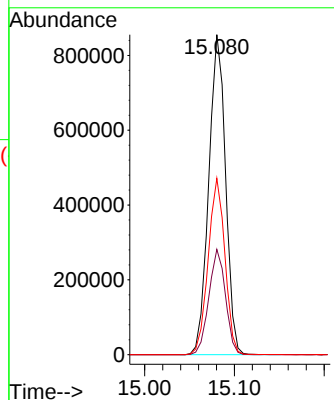


#61
4-Chlorophenyl-phenylether
Concen: 50.859 ng
RT: 15.080 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Instrument :
BNA_M
ClientSampleId :
PB162574BS

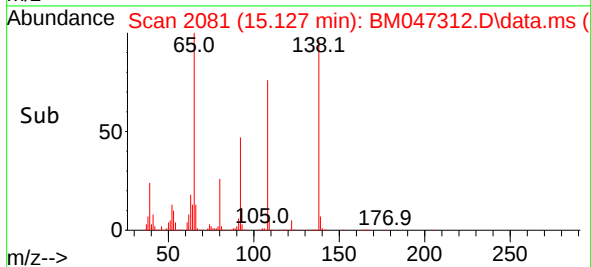
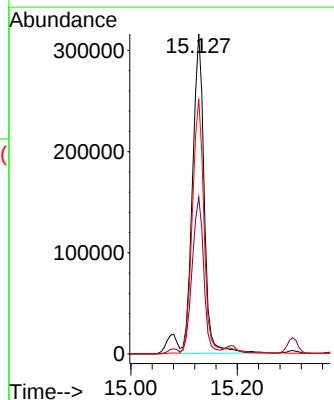
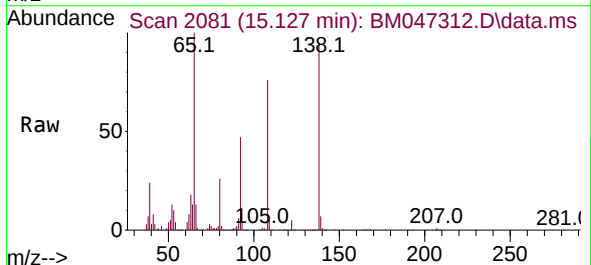


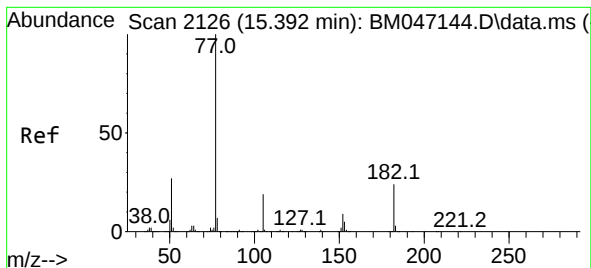
Tgt Ion:204 Resp: 1112363
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 55.1 47.2 70.8



#62
4-Nitroaniline
Concen: 43.828 ng
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:138 Resp: 478572
Ion Ratio Lower Upper
138 100
92 49.1 31.9 71.9
108 79.7 63.8 103.8





#63

Azobenzene

Concen: 46.216 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

Tgt Ion: 77 Resp: 2117402

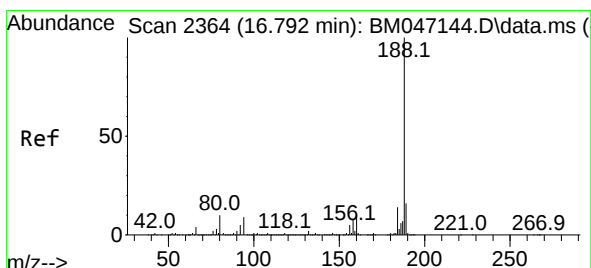
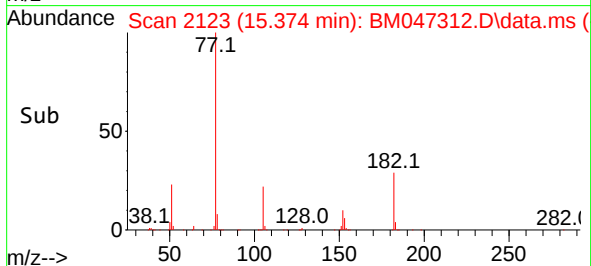
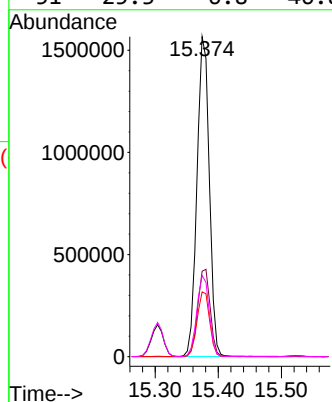
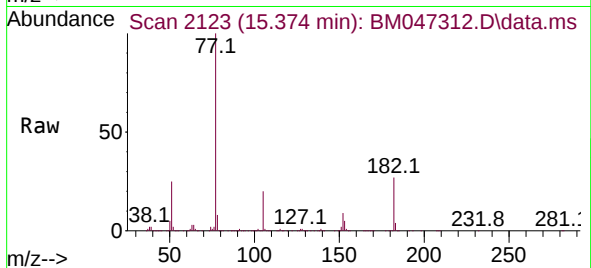
Ion Ratio Lower Upper

77 100

182 26.7 3.8 43.8

105 20.2 0.0 39.5

51 25.3 6.8 46.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 2361

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

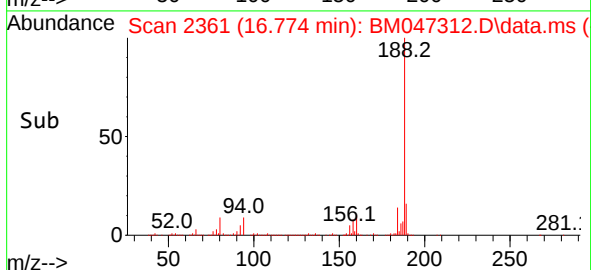
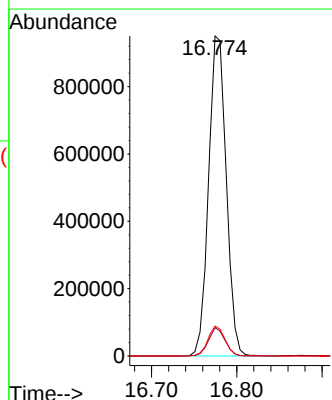
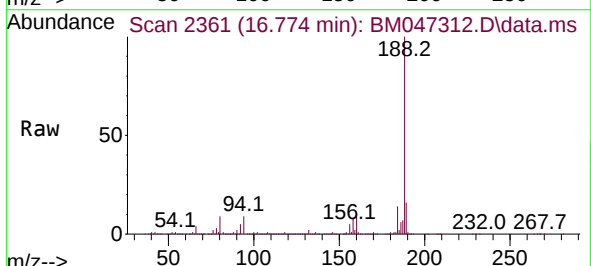
Tgt Ion:188 Resp: 1366969

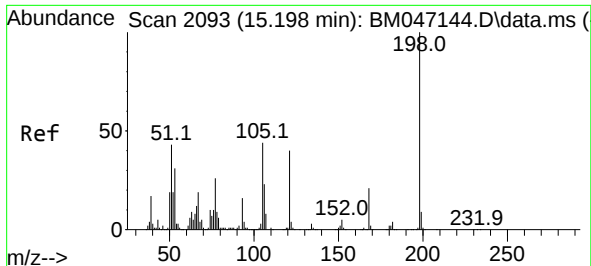
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

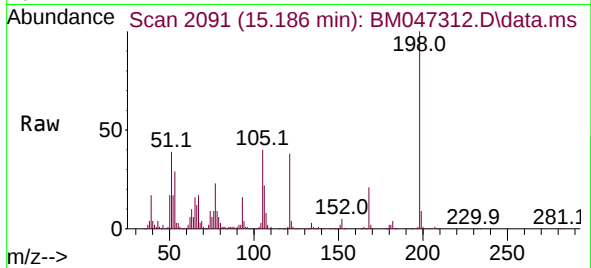
80 9.4 8.0 12.0



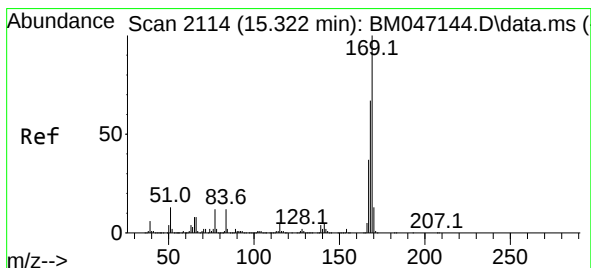
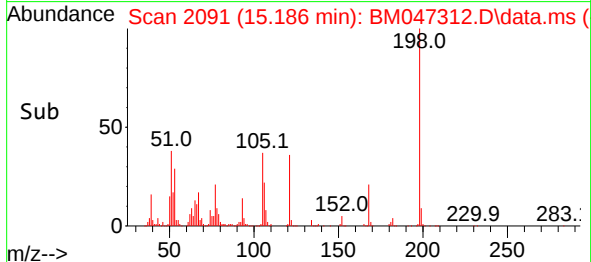
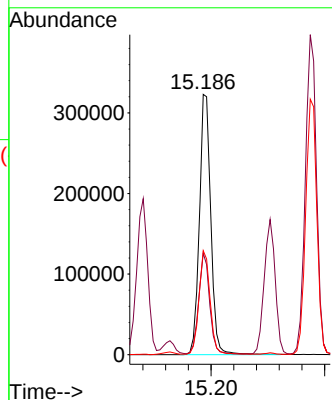


#65
4,6-Dinitro-2-methylphenol
Concen: 56.535 ng
RT: 15.186 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Instrument :
BNA_M
ClientSampleId :
PB162574BS

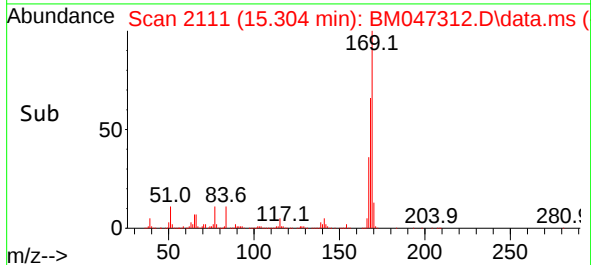
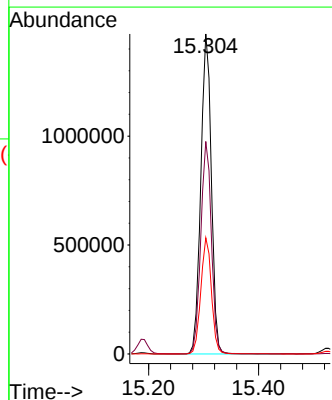
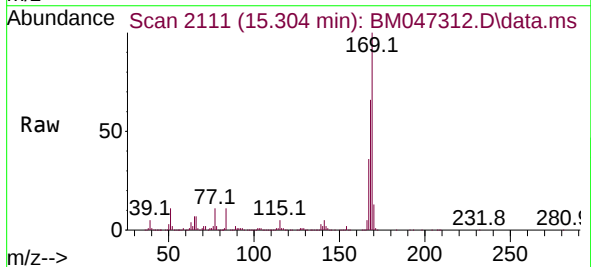


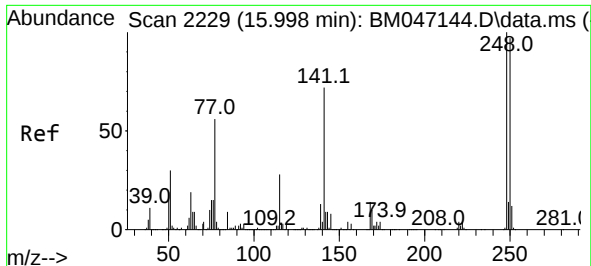
Tgt Ion:198 Resp: 452467
Ion Ratio Lower Upper
198 100
51 39.0 23.9 63.9
105 39.9 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 52.676 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:169 Resp: 1961290
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.3 29.3 43.9

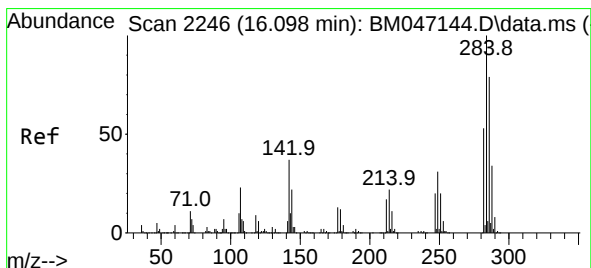
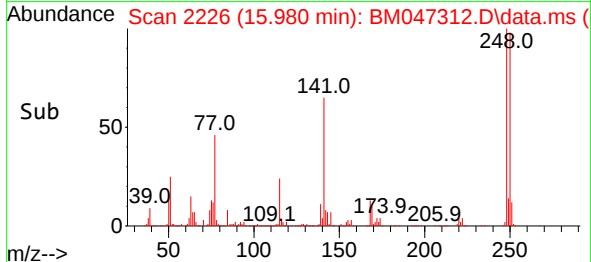
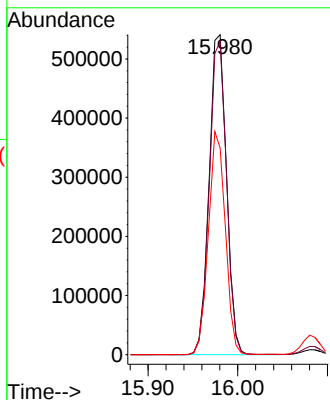
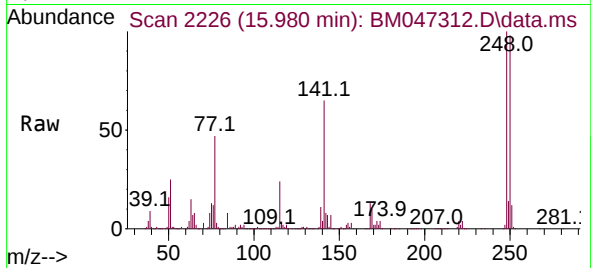




#67
4-Bromophenyl-phenylether
Concen: 55.300 ng
RT: 15.980 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

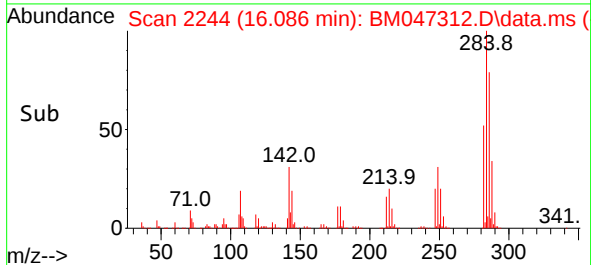
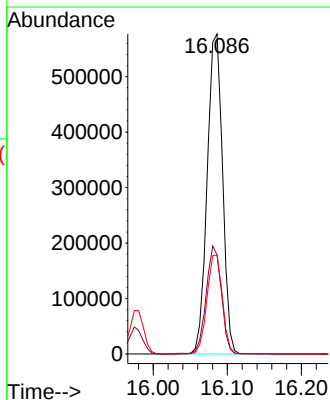
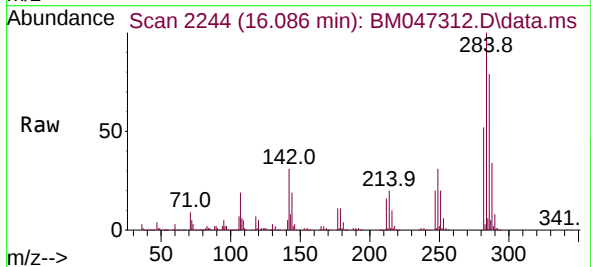
Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:248 Resp: 728423
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 64.6 57.7 86.5



#68
Hexachlorobenzene
Concen: 52.537 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:284 Resp: 828814
Ion Ratio Lower Upper
284 100
142 30.9 29.4 44.0
249 31.0 25.1 37.7





#69

Atrazine

Concen: 60.779 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

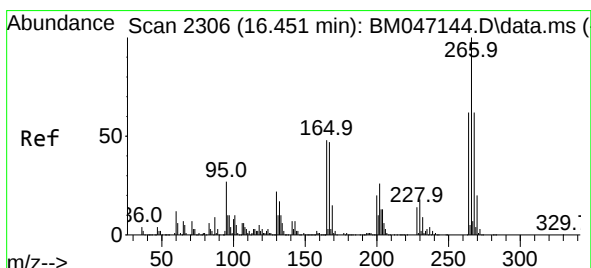
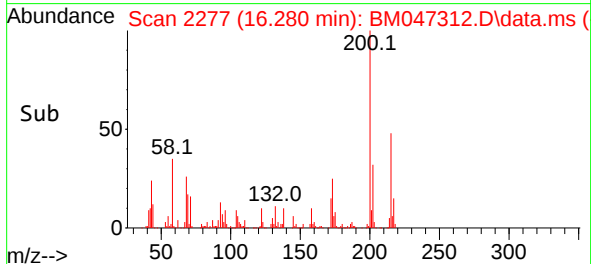
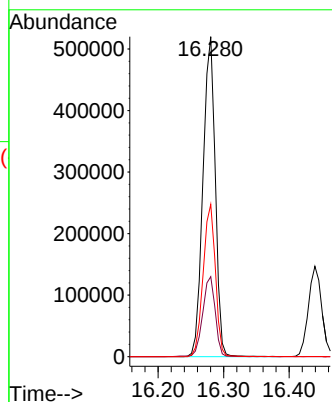
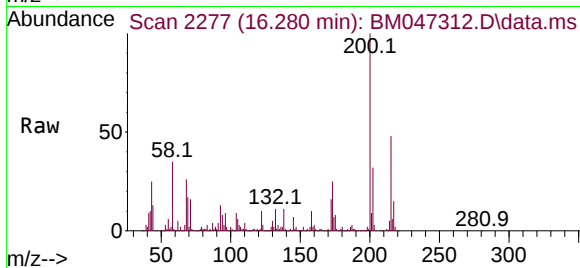
Tgt Ion:200 Resp: 680969

Ion Ratio Lower Upper

200 100

173 25.0 6.1 46.1

215 47.6 26.8 66.8



#70

Pentachlorophenol

Concen: 97.475 ng

RT: 16.439 min Scan# 2304

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

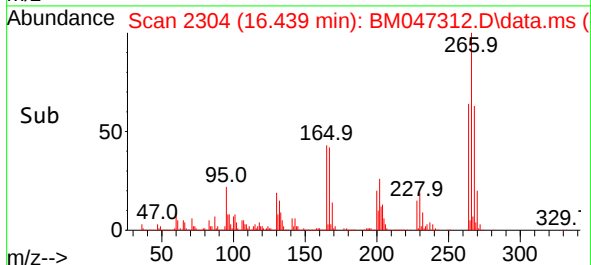
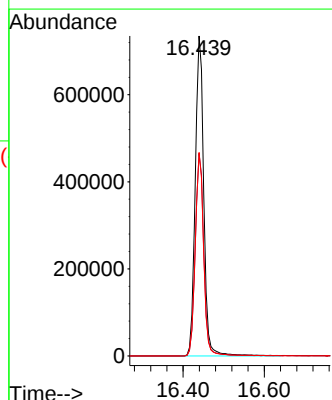
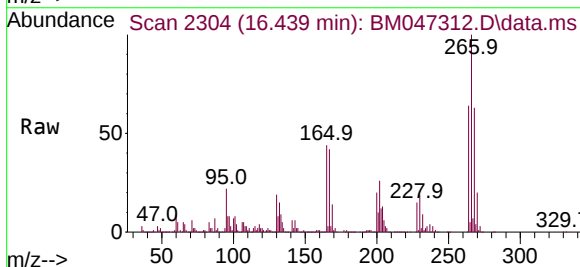
Tgt Ion:266 Resp: 1077937

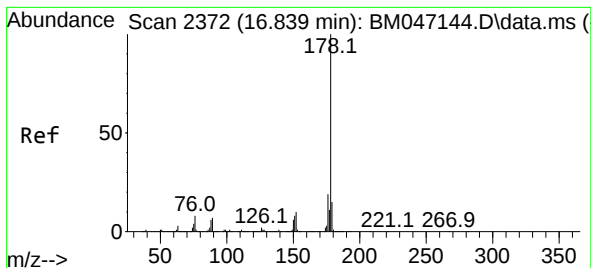
Ion Ratio Lower Upper

266 100

268 63.3 49.8 74.6

264 63.6 49.6 74.4





#71

Phenanthrene

Concen: 50.764 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

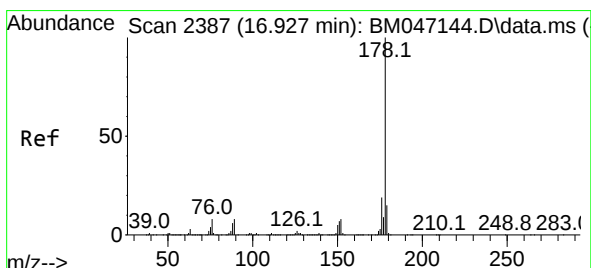
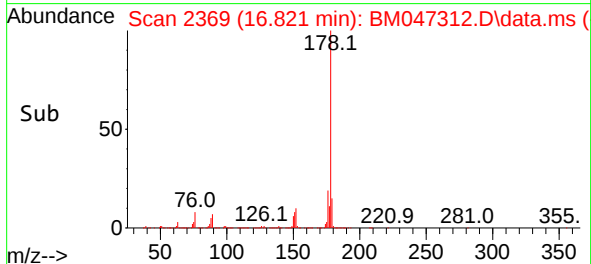
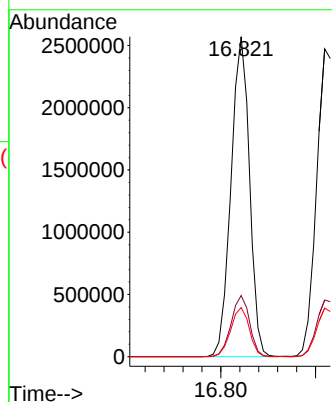
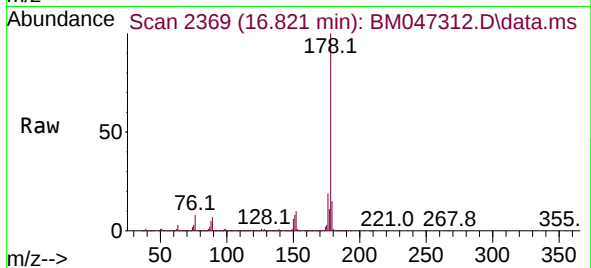
Tgt Ion:178 Resp: 3482521

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 52.780 ng

RT: 16.910 min Scan# 2384

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

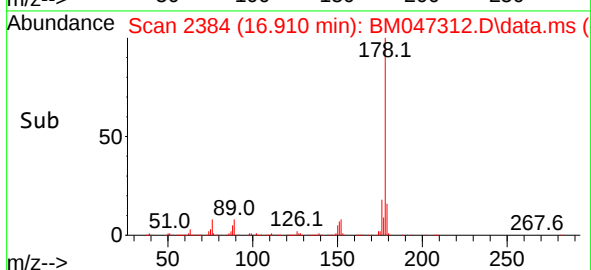
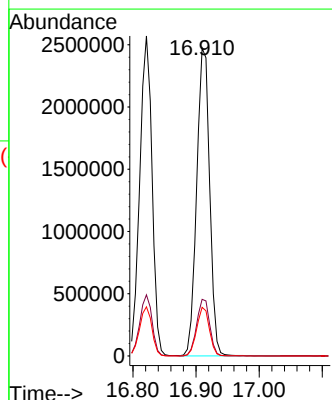
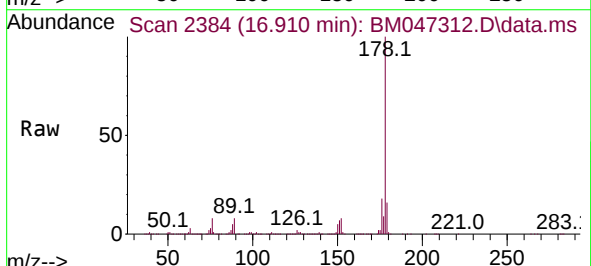
Tgt Ion:178 Resp: 3523167

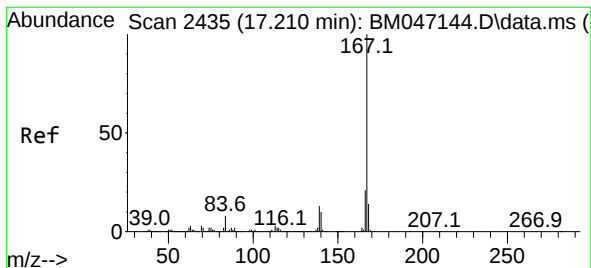
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.8 12.4 18.6





#73

Carbazole

Concen: 48.025 ng

RT: 17.192 min Scan# 2435

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

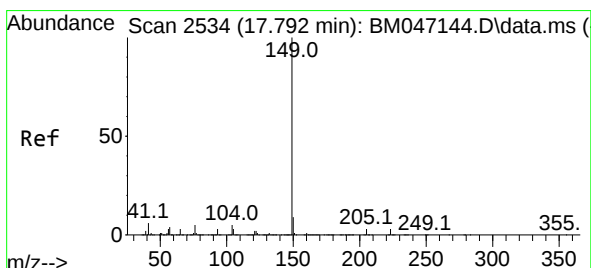
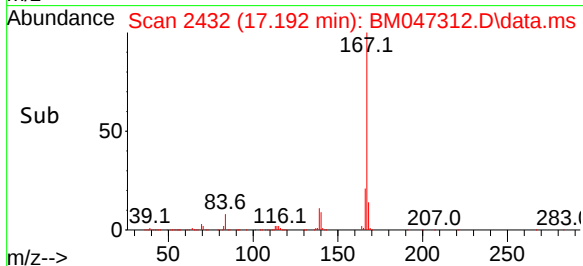
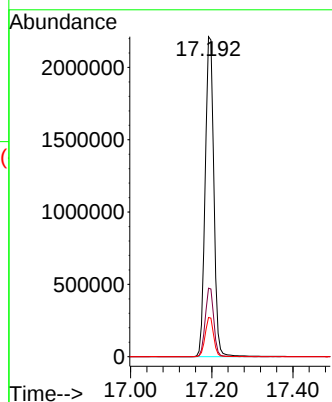
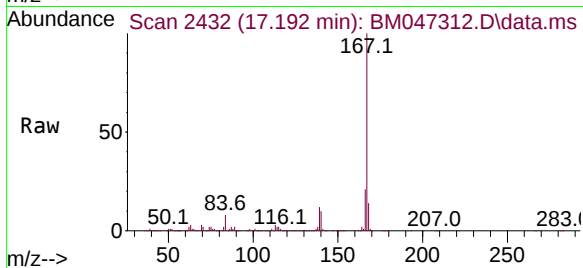
Tgt Ion:167 Resp: 3273139

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 12.3 10.0 15.0



#74

Di-n-butylphthalate

Concen: 50.763 ng

RT: 17.774 min Scan# 2531

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

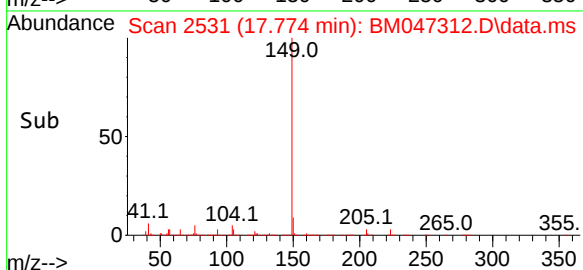
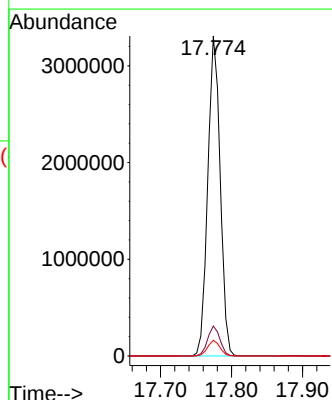
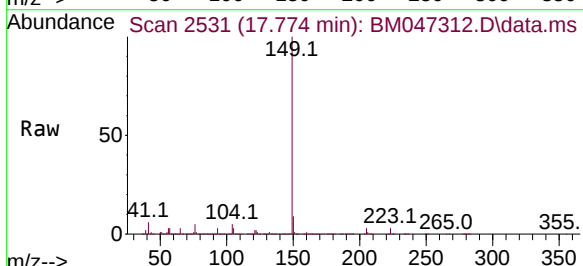
Tgt Ion:149 Resp: 4025697

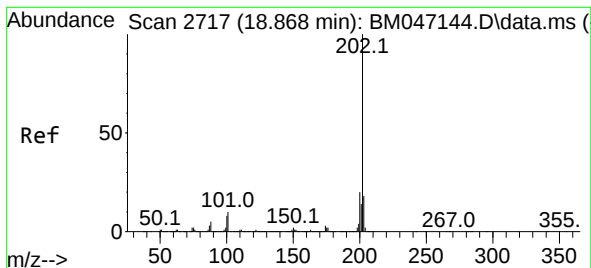
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 47.835 ng

RT: 18.857 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

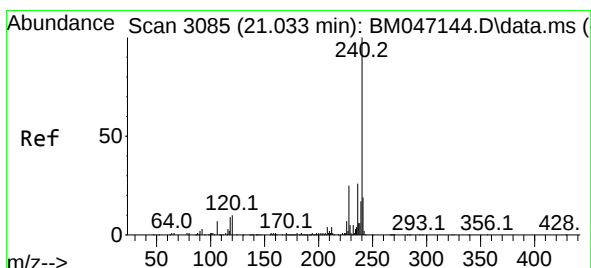
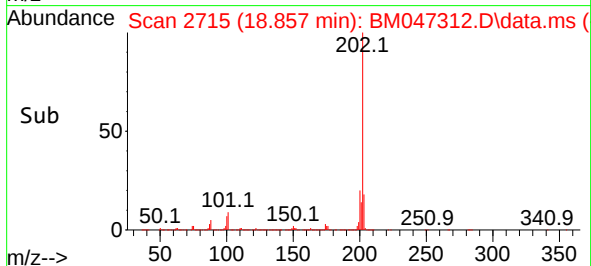
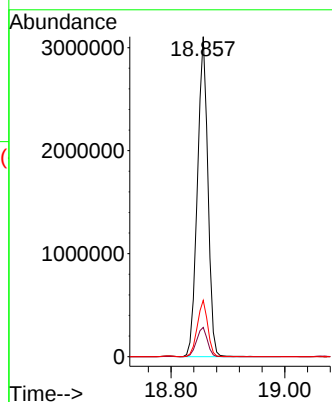
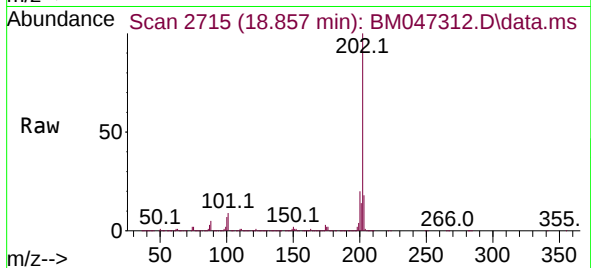
Tgt Ion:202 Resp: 3991507

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.2

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

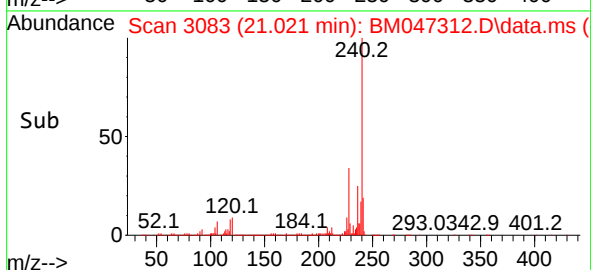
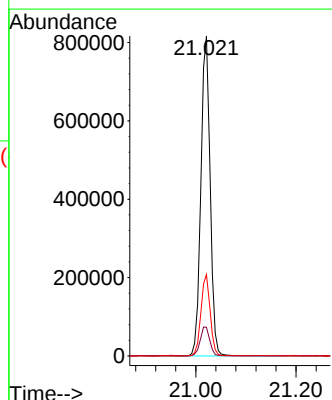
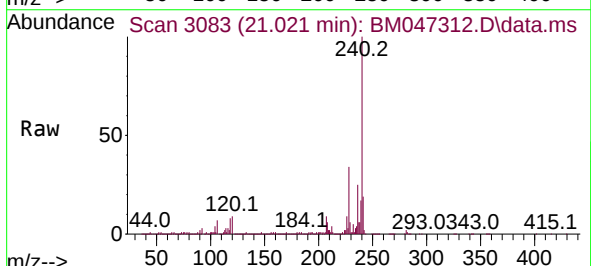
Tgt Ion:240 Resp: 1043436

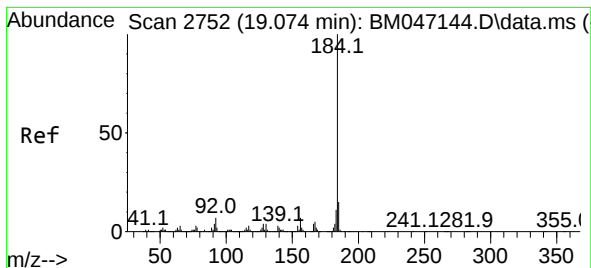
Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

236 25.4 20.6 30.8





#77

Benzidine

Concen: 71.865 ng

RT: 19.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

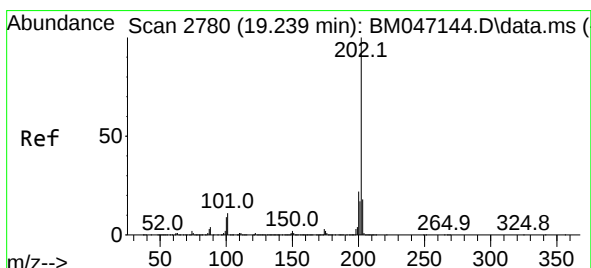
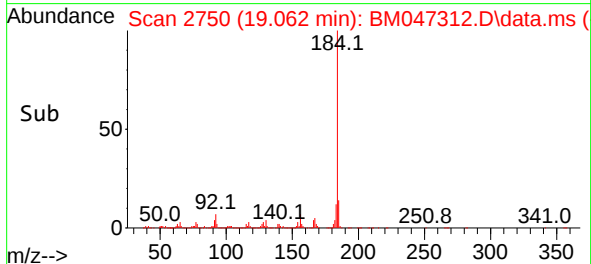
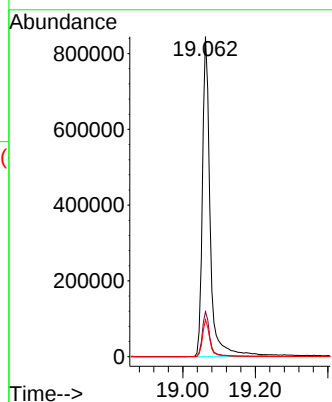
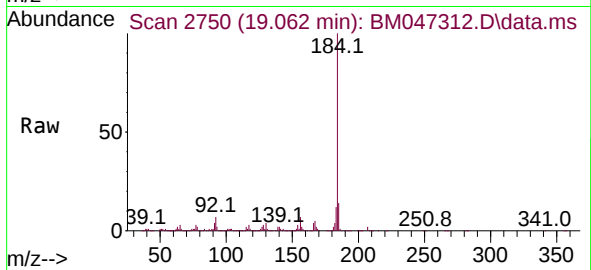
Tgt Ion:184 Resp: 1271653

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 11.5 9.0 13.6



#78

Pyrene

Concen: 55.323 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

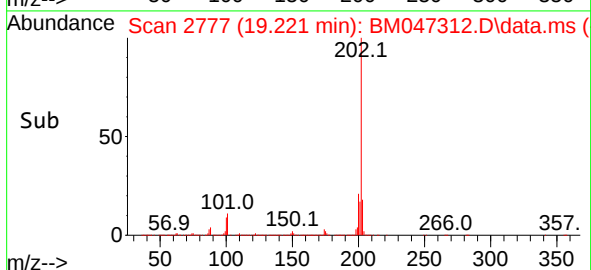
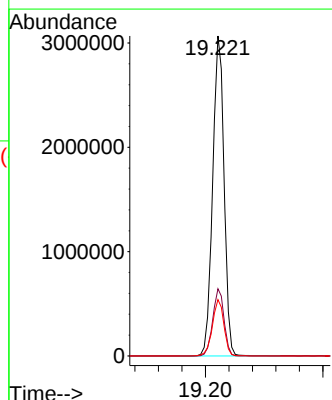
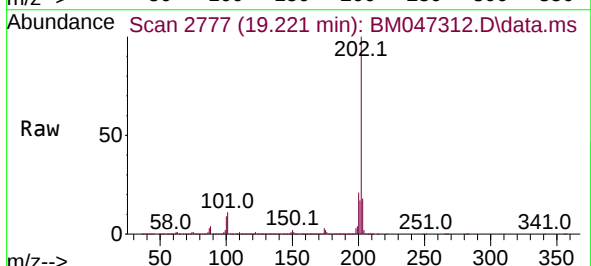
Tgt Ion:202 Resp: 4121815

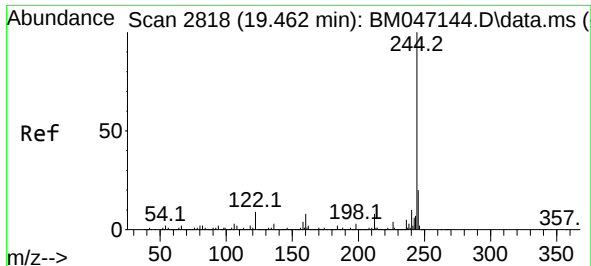
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.6 14.2 21.2

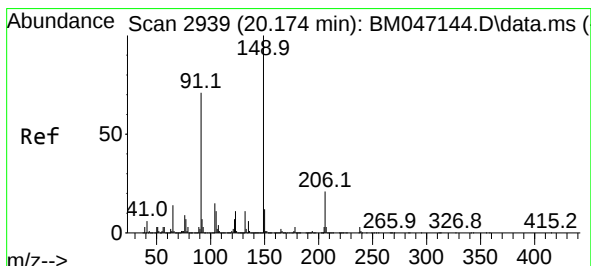
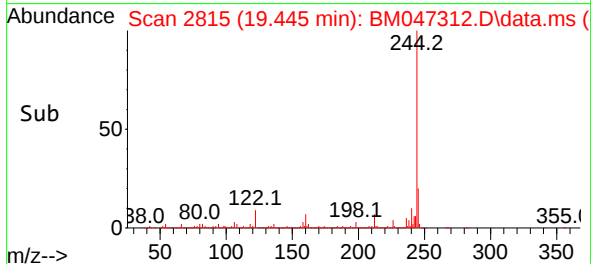
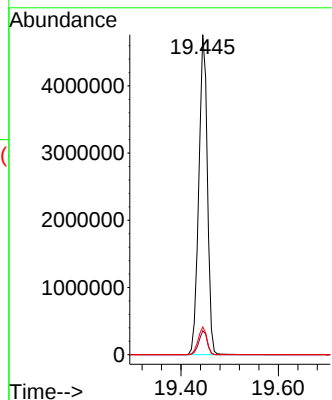
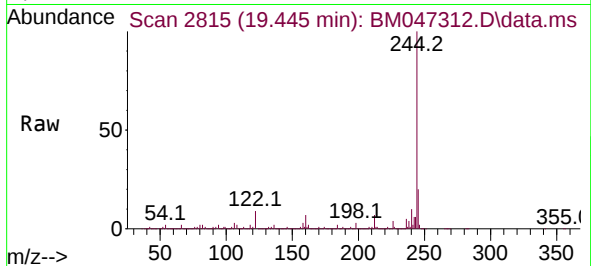




#79
 Terphenyl-d14
 Concen: 120.427 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047312.D
 Acq: 22 Aug 2024 11:52

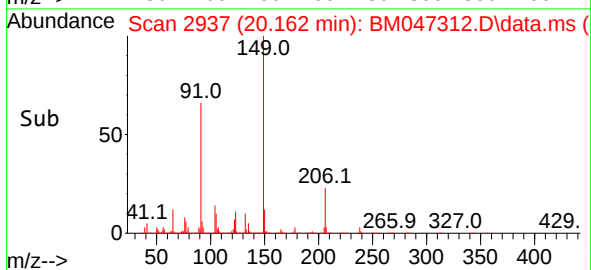
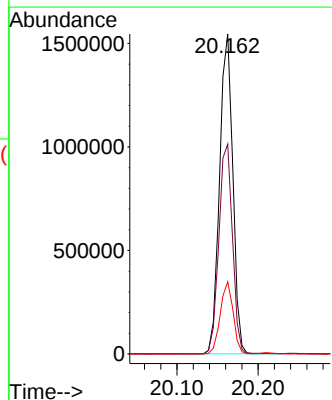
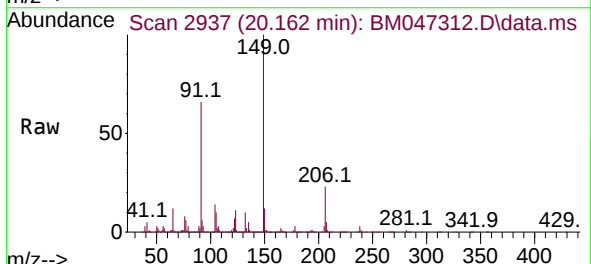
Instrument :
 BNA_M
 ClientSampleId :
 PB162574BS

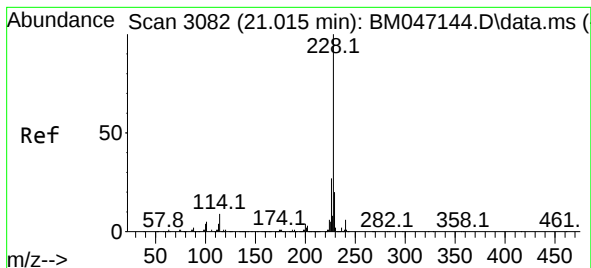
Tgt Ion:244 Resp: 5864266
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.6 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 57.759 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. -0.012 min
 Lab File: BM047312.D
 Acq: 22 Aug 2024 11:52

Tgt Ion:149 Resp: 1756171
 Ion Ratio Lower Upper
 149 100
 91 65.6 57.0 85.4
 206 22.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.663 ng

RT: 21.004 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

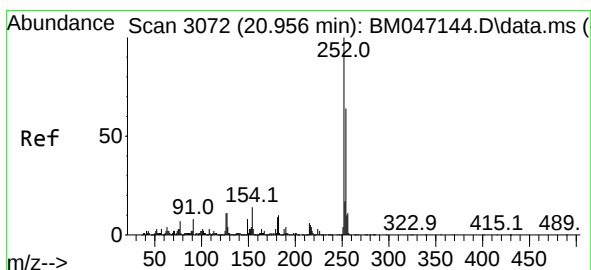
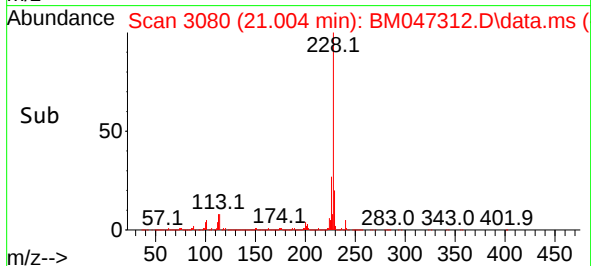
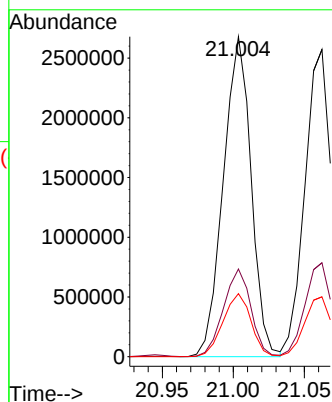
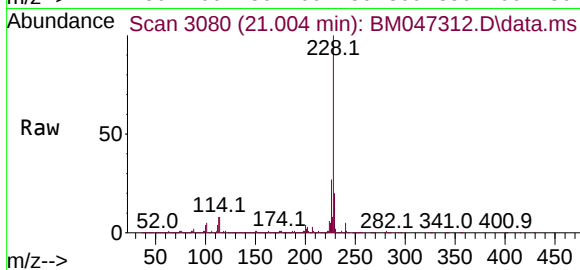
Tgt Ion:228 Resp: 3647949

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.526 ng

RT: 20.945 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

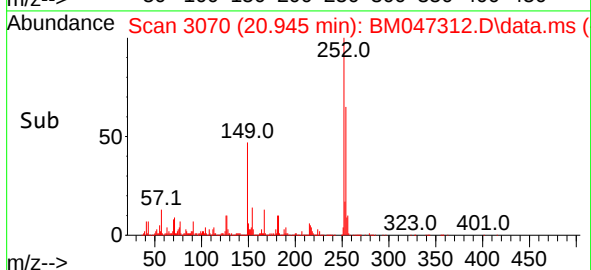
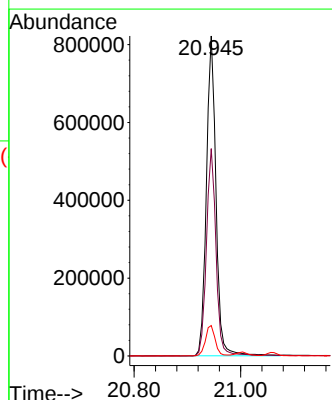
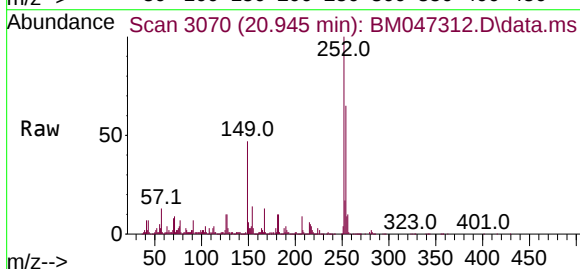
Tgt Ion:252 Resp: 1030025

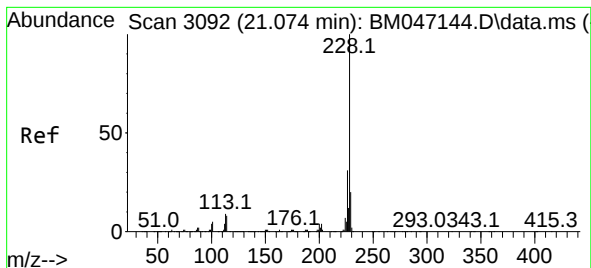
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.6

126 9.5 8.5 12.7





#83

Chrysene

Concen: 51.296 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

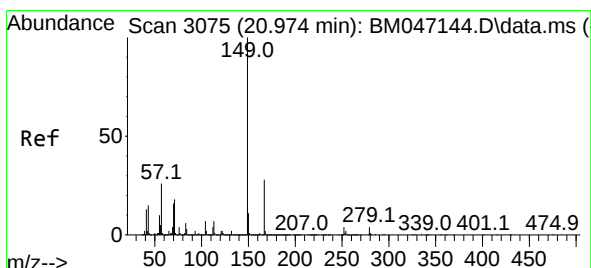
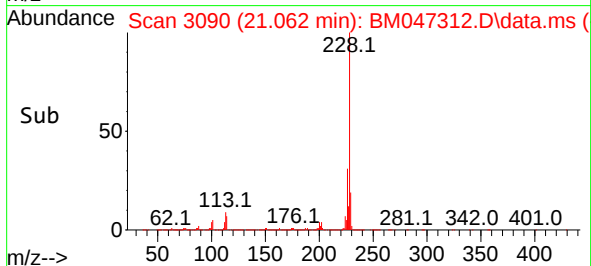
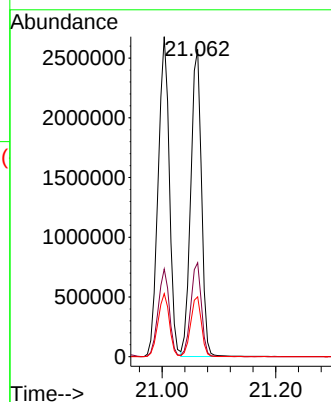
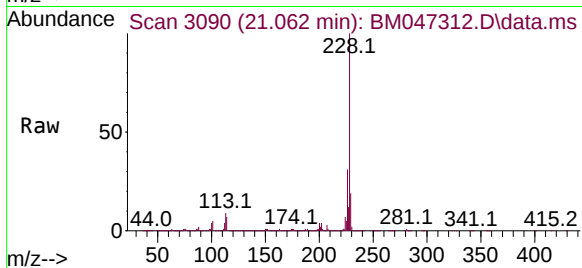
Tgt Ion:228 Resp: 3371189

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.361 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

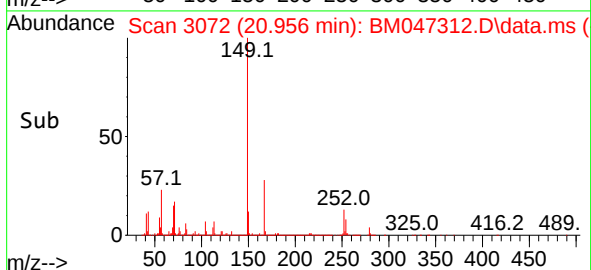
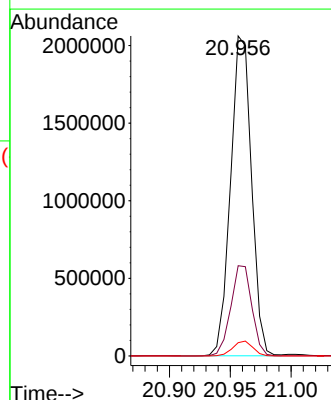
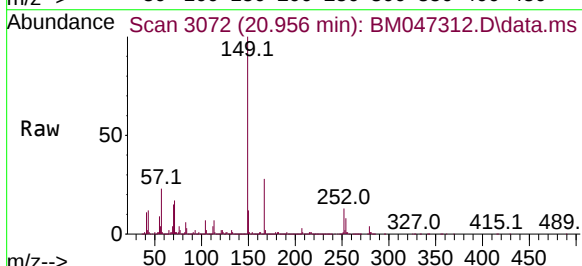
Tgt Ion:149 Resp: 2473402

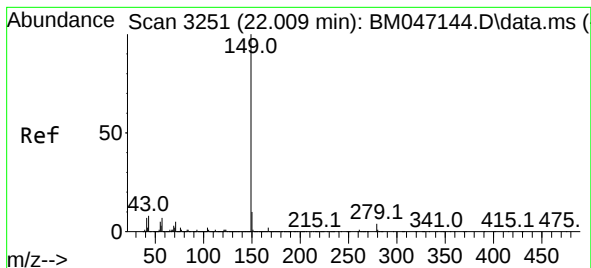
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 57.919 ng

RT: 21.986 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

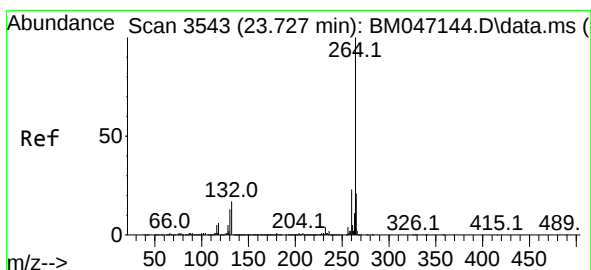
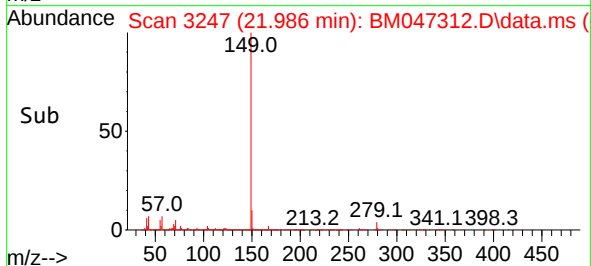
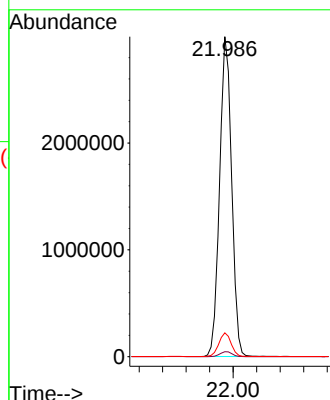
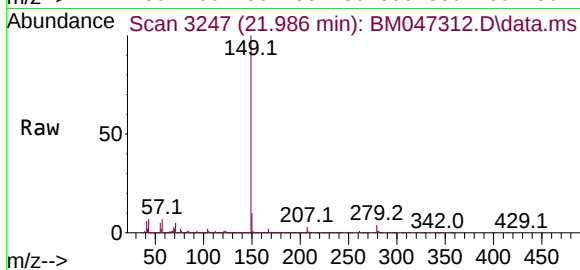
Tgt Ion:149 Resp: 4244913

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3540

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

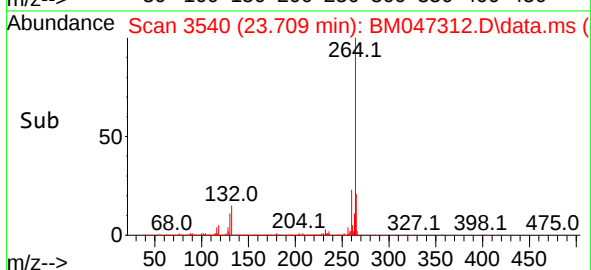
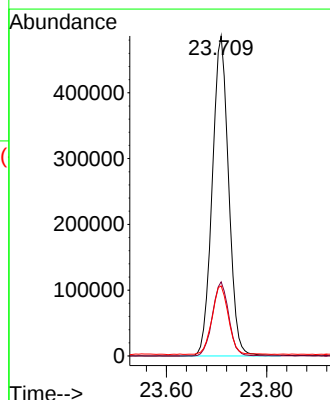
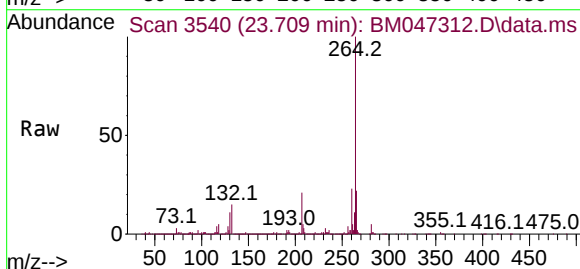
Tgt Ion:264 Resp: 1101105

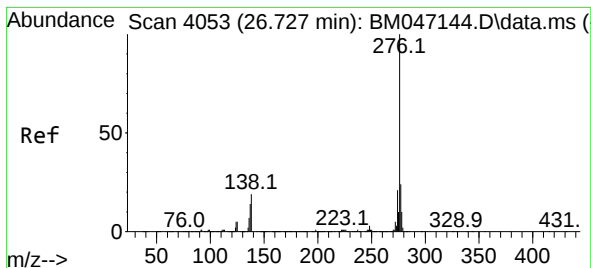
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.553 ng

RT: 26.703 min Scan# 4053

Delta R.T. -0.024 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

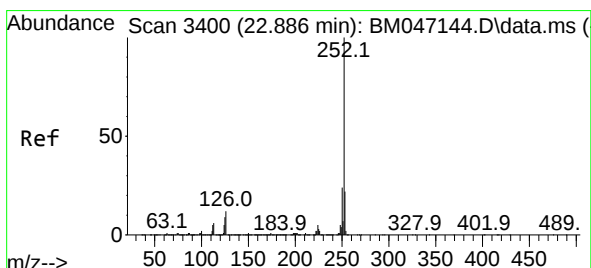
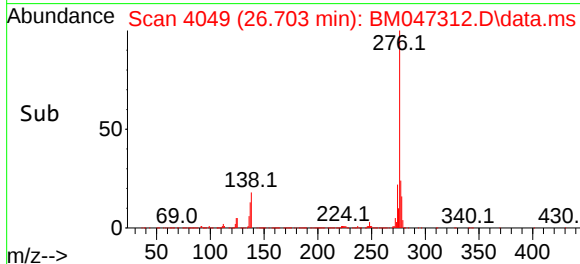
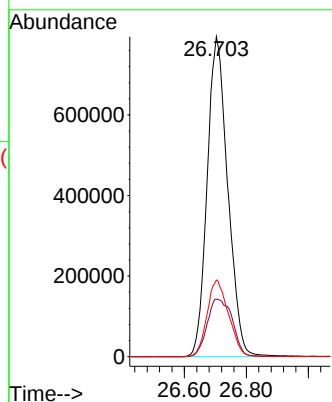
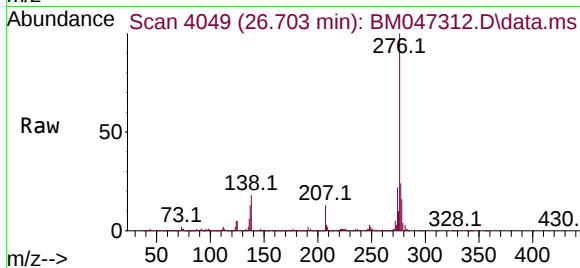
Tgt Ion:276 Resp: 3669164

Ion Ratio Lower Upper

276 100

138 22.1 19.4 29.0

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.065 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

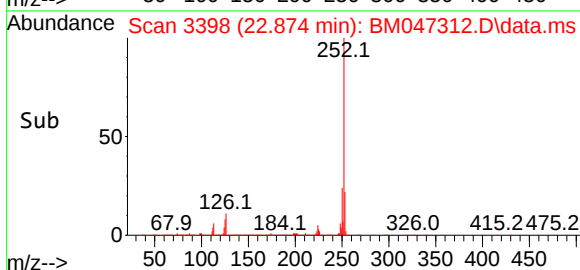
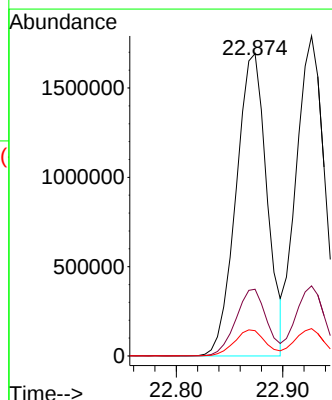
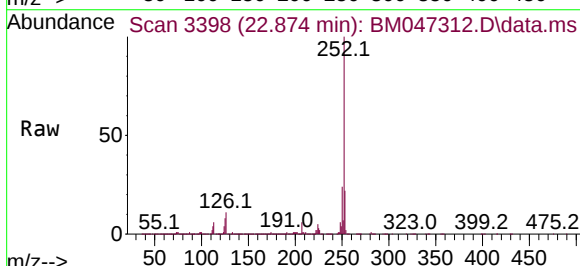
Tgt Ion:252 Resp: 3404557

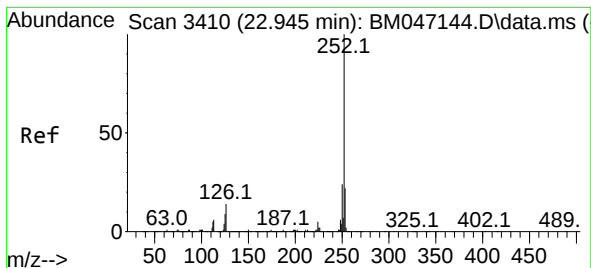
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.829 ng

RT: 22.927 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

Instrument :

BNA_M

ClientSampleId :

PB162574BS

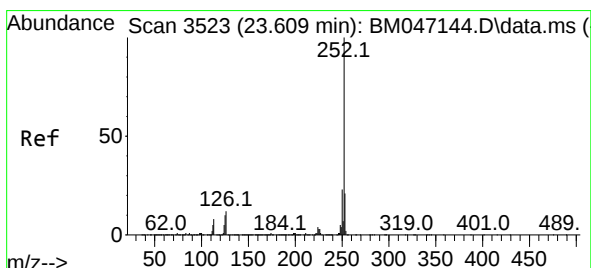
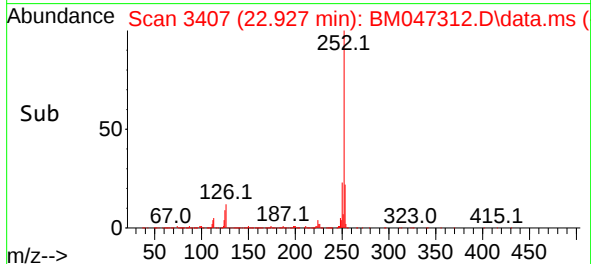
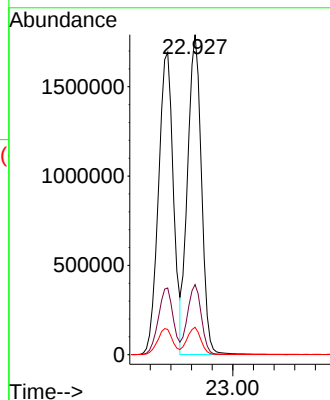
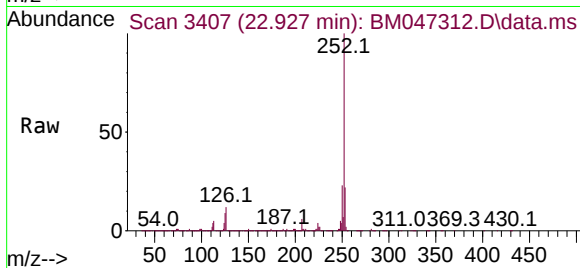
Tgt Ion:252 Resp: 3324695

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 54.794 ng

RT: 23.586 min Scan# 3519

Delta R.T. -0.024 min

Lab File: BM047312.D

Acq: 22 Aug 2024 11:52

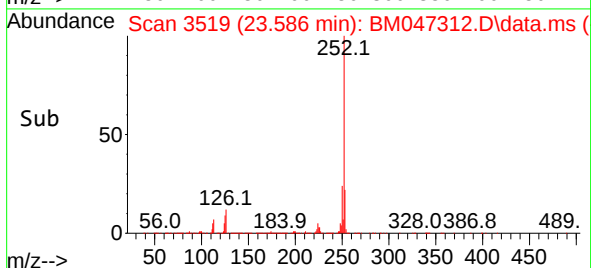
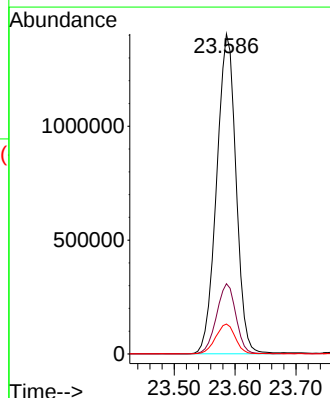
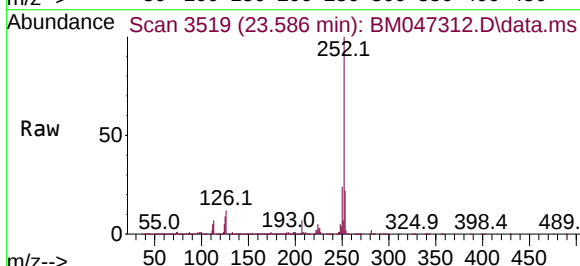
Tgt Ion:252 Resp: 3103826

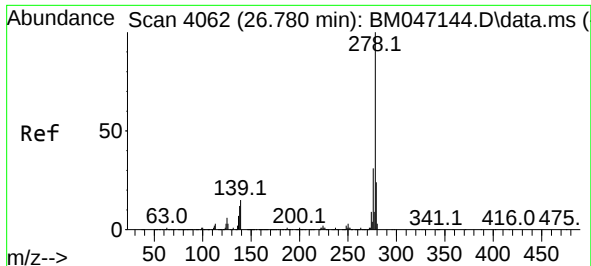
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.4 8.2 12.2

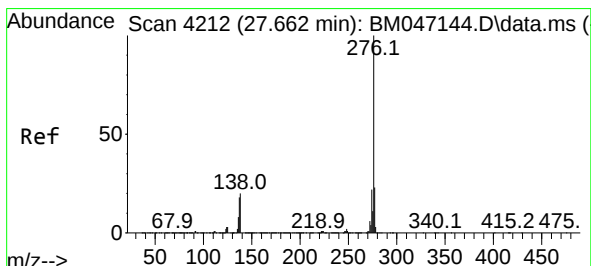
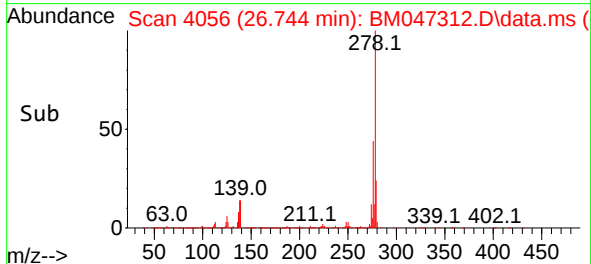
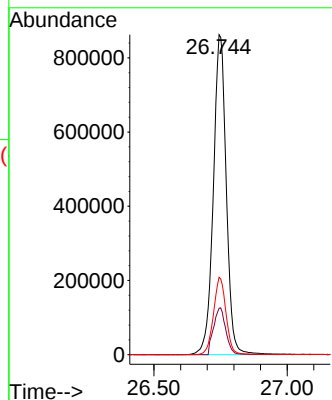
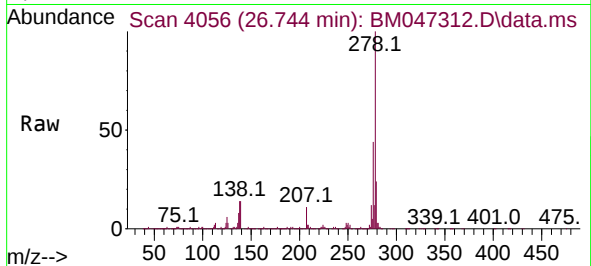




#91
Dibenzo(a,h)anthracene
Concen: 50.600 ng
RT: 26.744 min Scan# 4062
Delta R.T. -0.035 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Instrument :
BNA_M
ClientSampleId :
PB162574BS

Tgt Ion:278 Resp: 2914474
Ion Ratio Lower Upper
278 100
139 14.5 12.0 18.0
279 24.2 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.375 ng
RT: 27.633 min Scan# 4207
Delta R.T. -0.029 min
Lab File: BM047312.D
Acq: 22 Aug 2024 11:52

Tgt Ion:276 Resp: 2892939
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 18.5 16.2 24.4

