

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101372.D
 Acq On : 19 Sep 2024 10:29
 Operator : RC/JU
 Sample : P2403-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 19 11:11:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	137432	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	671135	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	492772	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1190901	20.000	ng	0.00
76) Chrysene-d12	21.084	240	1409086	20.000	ng	0.00
86) Perylene-d12	23.369	264	1788371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	966245	122.928	ng	0.00
7) Phenol-d6	6.947	99	1336449	119.938	ng	0.00
23) Nitrobenzene-d5	8.786	82	908005	85.774	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	1079023	130.187	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2439039	85.533	ng	0.00
79) Terphenyl-d14	19.515	244	4169591	65.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	12184	4.071	ng	97
6) Aniline	7.024	93	50320	5.383	ng	95
8) 2-Chlorophenol	7.217	128	37873	4.010	ng	93
9) Benzaldehyde	6.794	77	27076	5.287	ng	95
10) Phenol	6.976	94	43206	3.528	ng	90
11) bis(2-Chloroethyl)ether	7.024	93	50320	4.855	ng	# 33
12) 1,3-Dichlorobenzene	7.458	146	40778	4.017	ng	94
13) 1,4-Dichlorobenzene	7.605	146	41455	4.008	ng	99
14) 1,2-Dichlorobenzene	7.934	146	40343	3.936	ng	98
15) Benzyl Alcohol	7.917	79	34988	5.273	ng	# 64
16) 2,2'-oxybis(1-Chloropr...	8.075	45	56067	4.292	ng	98
17) 2-Methylphenol	8.157	107	28202	3.475	ng	96
18) Hexachloroethane	8.633	117	12529	3.704	ng	91
19) n-Nitroso-di-n-propyla...	8.387	70	26853	3.415	ng	95
20) 3+4-Methylphenols	8.498	107	36943	3.235	ng	96
22) Acetophenone	8.434	105	59245	3.807	ng	# 98
24) Nitrobenzene	8.827	77	45535	4.029	ng	97
25) Isophorone	9.280	82	77093	3.557	ng	98
26) 2-Nitrophenol	9.521	139	16609	3.114	ng	97
27) 2,4-Dimethylphenol	9.632	122	20624	3.012	ng	98
28) bis(2-Chloroethoxy)met...	9.791	93	47952	3.658	ng	97
29) 2,4-Dichlorophenol	10.067	162	31776	3.389	ng	93
30) 1,2,4-Trichlorobenzene	10.185	180	39456	3.893	ng	95
31) Naphthalene	10.390	128	132730	3.920	ng	99
32) Benzoic acid	9.820	122	2340	7.615	ng	# 82
33) 4-Chloroaniline	10.625	127	46657	3.601	ng	98
34) Hexachlorobutadiene	10.643	225	21312	3.620	ng	97
35) Caprolactam	11.418	113	8937	2.359	ng	98
36) 4-Chloro-3-methylphenol	11.789	107	37533	3.387	ng	96
37) 2-Methylnaphthalene	11.982	142	93763	3.786	ng	99
38) 1-Methylnaphthalene	12.206	142	90429	3.640	ng	98
40) 1,2,4,5-Tetrachloroben...	12.335	216	46280	3.899	ng	99
41) Hexachlorocyclopentadiene	12.317	237	12041	3.087	ng	90
43) 2,4,6-Trichlorophenol	12.658	196	27367	3.255	ng	96
44) 2,4,5-Trichlorophenol	12.758	196	30853	3.253	ng	96
46) 1,1'-Biphenyl	13.011	154	142396	4.264	ng	99

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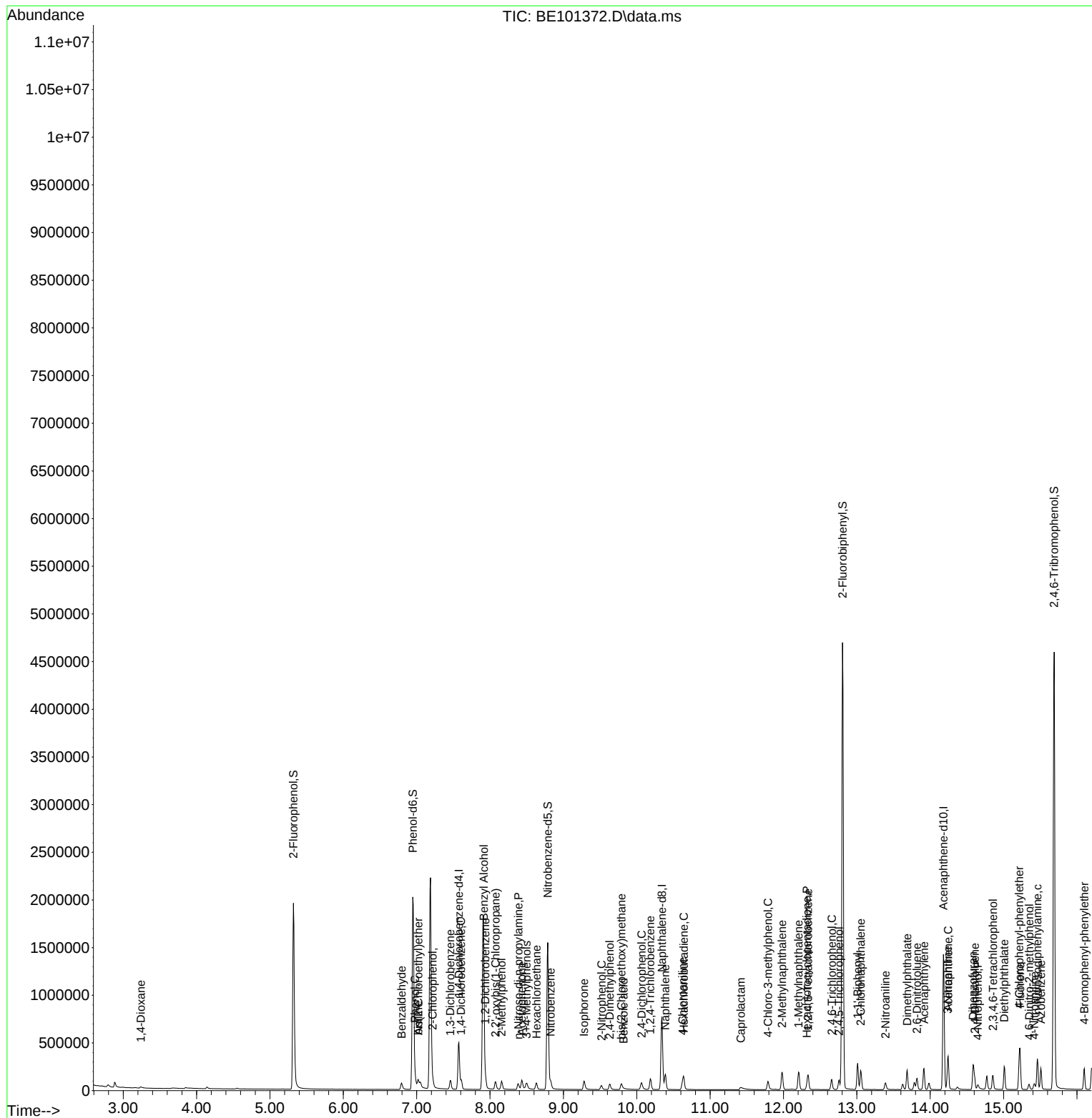
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.052	162	100220	3.815	ng	98
48) 2-Nitroaniline	13.393	65	21809	3.086	ng	98
49) Acenaphthylene	13.915	152	160770	4.102	ng	98
50) Dimethylphthalate	13.686	163	139901	3.934	ng	99
51) 2,6-Dinitrotoluene	13.821	165	25827	3.246	ng	91
52) Acenaphthene	14.244	154	100728	3.899	ng	94
53) 3-Nitroaniline	14.239	138	25683	3.138	ng	94
55) Dibenzofuran	14.585	168	167469	4.104	ng	98
56) 4-Nitrophenol	14.650	139	18083	2.657	ng	91
57) 2,4-Dinitrotoluene	14.609	165	31287	2.888	ng	# 91
58) Fluorene	15.226	166	137410	3.996	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.855	232	31870	3.553	ng	97
60) Diethylphthalate	15.008	149	142504	3.863	ng	97
61) 4-Chlorophenyl-phenyle...	15.214	204	65965	3.911	ng	96
62) 4-Nitroaniline	15.420	138	22801	2.673	ng	93
63) Azobenzene	15.508	77	122654	3.891	ng	97
65) 4,6-Dinitro-2-methylph...	15.349	198	14470	2.140	ng	95
66) n-Nitrosodiphenylamine	15.461	169	120876	3.808	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	44189	3.572	ng	98
68) Hexachlorobenzene	16.201	284	57534	3.598	ng	97
69) Atrazine	16.395	200	44091	4.206	ng	98
70) Pentachlorophenol	16.612	266	25282	2.646	ng	94
71) Phenanthrene	16.959	178	243406	4.303	ng	97
72) Anthracene	17.047	178	222136	4.036	ng	96
73) Carbazole	17.376	167	221925	3.935	ng	99
74) Di-n-butylphthalate	17.828	149	235088	3.796	ng	96
75) Fluoranthene	18.962	202	292553	4.297	ng	94
77) Benzidine	19.221	184	70537	3.016	ng	98
78) Pyrene	19.333	202	316081	4.033	ng	93
80) Butylbenzylphthalate	20.185	149	120637	3.477	ng	96
81) Benzo(a)anthracene	21.060	228	344030	4.348	ng	92
82) 3,3'-Dichlorobenzidine	21.037	252	107328	3.461	ng	99
83) Chrysene	21.113	228	336466	4.426	ng	92
84) Bis(2-ethylhexyl)phtha...	20.890	149	155434	3.388	ng	# 93
85) Di-n-octyl phthalate	21.742	149	277448	3.705	ng	99
87) Indeno(1,2,3-cd)pyrene	25.678	276	479395	4.069	ng	97
88) Benzo(b)fluoranthene	22.658	252	376536	4.065	ng	94
89) Benzo(k)fluoranthene	22.699	252	362073	4.142	ng	94
90) Benzo(a)pyrene	23.257	252	334201	4.088	ng	97
91) Dibenzo(a,h)anthracene	25.672	278	389897	3.953	ng	98
92) Benzo(g,h,i)perylene	26.424	276	370756	3.702	ng	97

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

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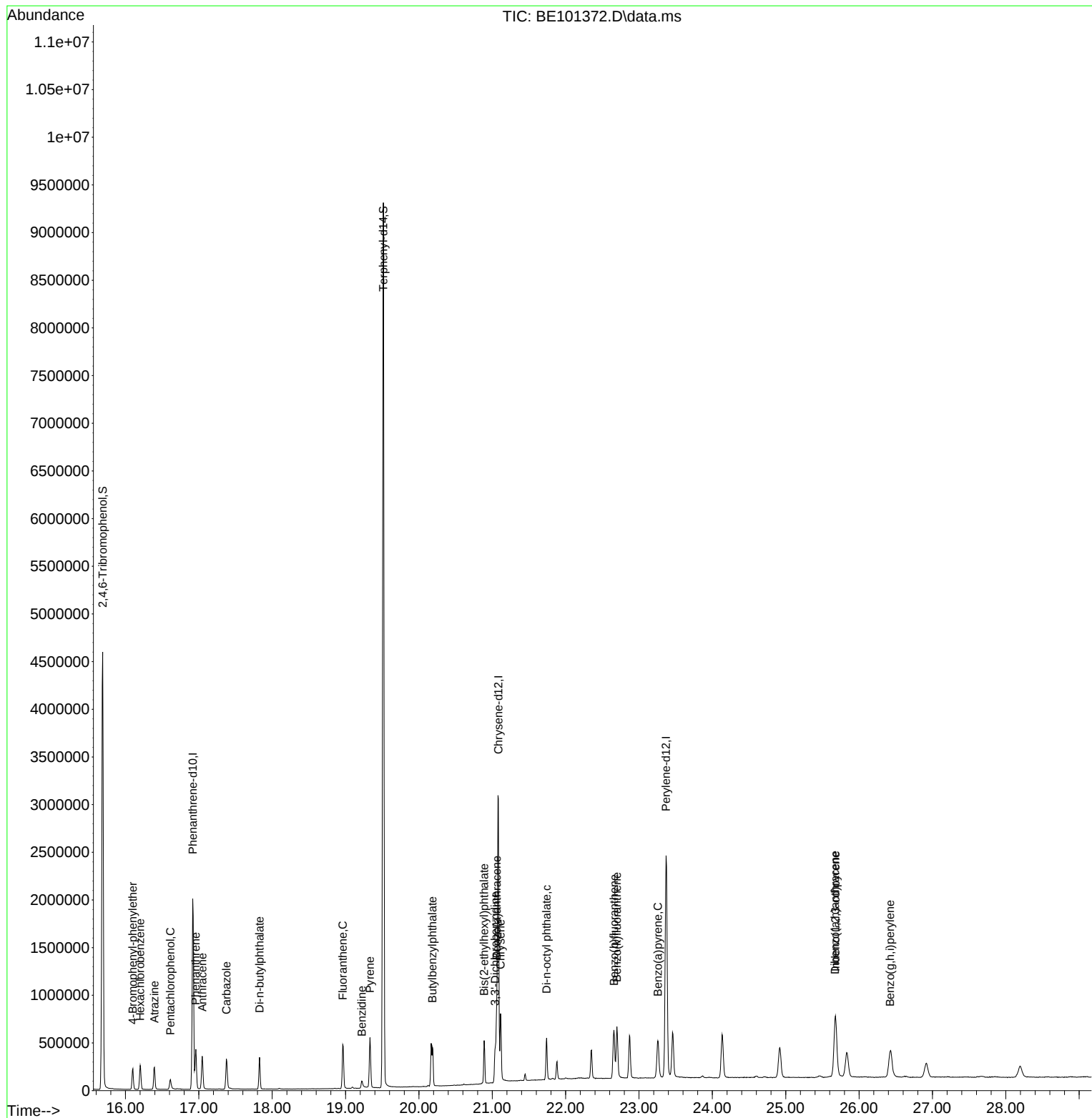
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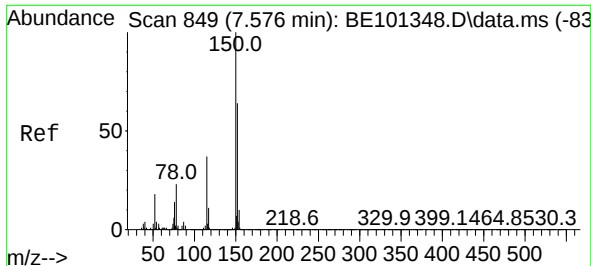


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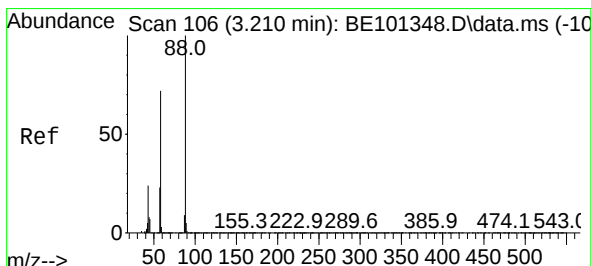
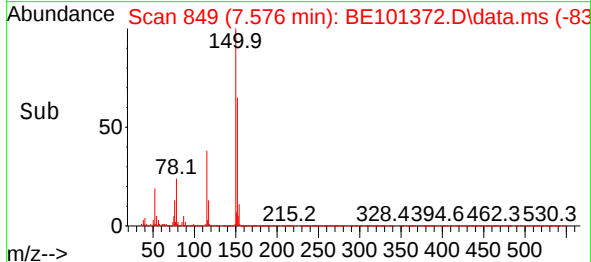
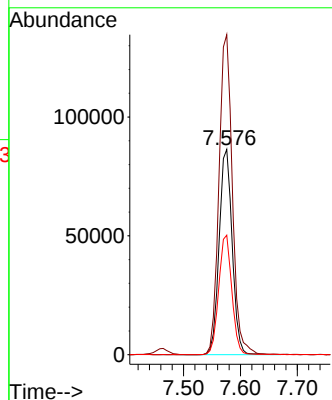
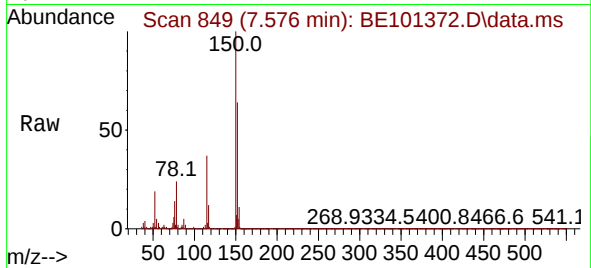




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.576 min Scan# 849
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

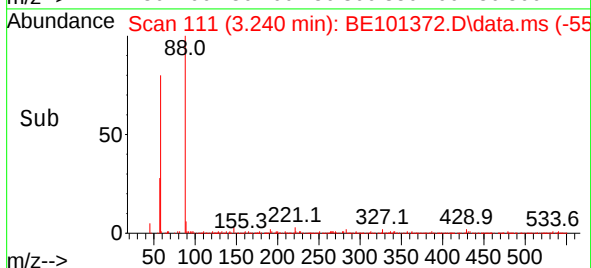
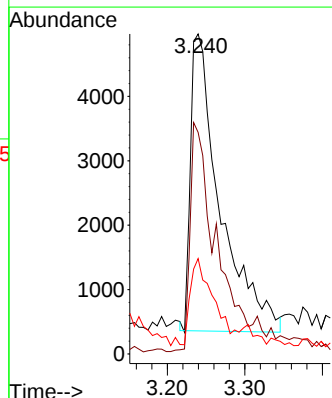
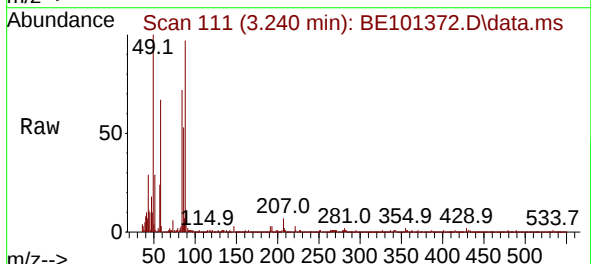
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BNA_E
ClientSampleId :

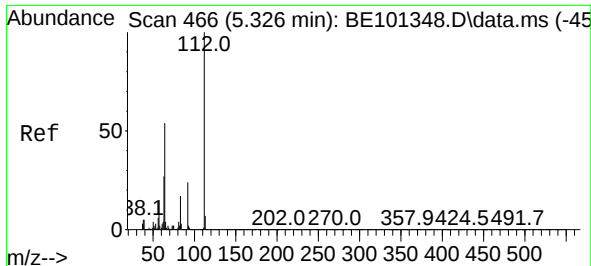
Tgt Ion:152 Resp: 137432
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 58.3 46.9 70.3



#2
1,4-Dioxane
Concen: 4.071 ng
RT: 3.240 min Scan# 111
Delta R.T. 0.029 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion: 88 Resp: 12184
Ion Ratio Lower Upper
88 100
58 71.0 58.8 88.2
43 23.2 19.4 29.2

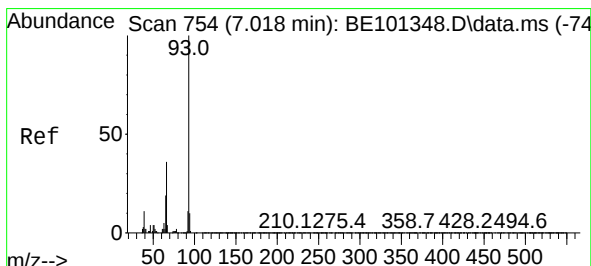
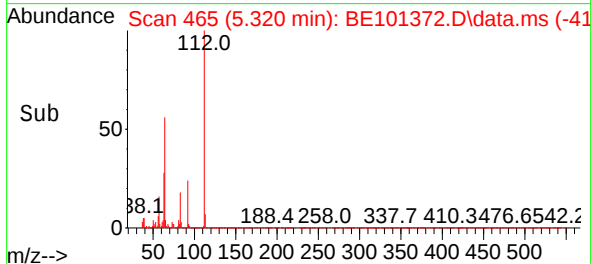
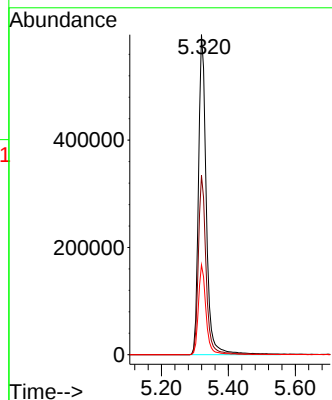
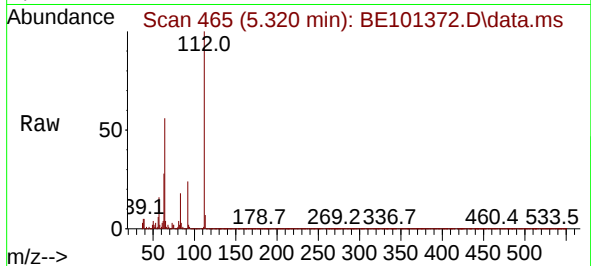




#5
2-Fluorophenol
Concen: 122.928 ng
RT: 5.320 min Scan# 466
Delta R.T. -0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

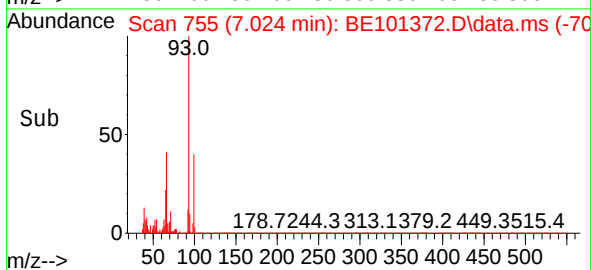
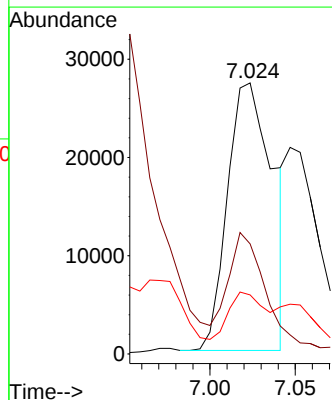
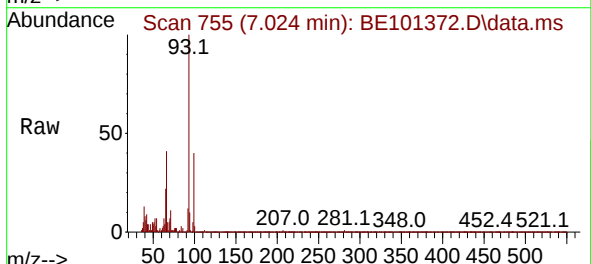
Instrument :
BNA_E
ClientSampleId :

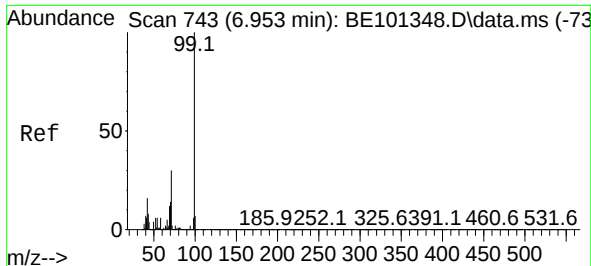
Tgt Ion:112 Resp: 966245
Ion Ratio Lower Upper
112 100
64 56.0 42.8 64.2
63 28.1 21.3 31.9



#6
Aniline
Concen: 5.383 ng
RT: 7.024 min Scan# 755
Delta R.T. 0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion: 93 Resp: 50320
Ion Ratio Lower Upper
93 100
66 40.6 30.0 45.0
65 21.8 15.8 23.8





#7

Phenol-d6

Concen: 119.938 ng

RT: 6.947 min Scan# 743

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 99 Resp: 1336449

Ion Ratio Lower Upper

99 100

42 16.3

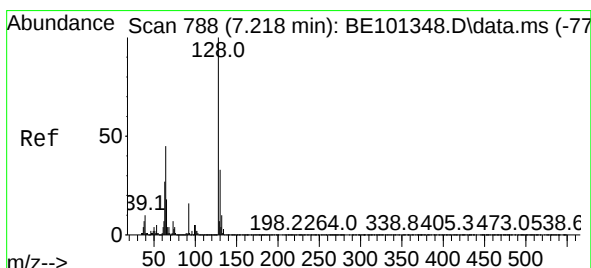
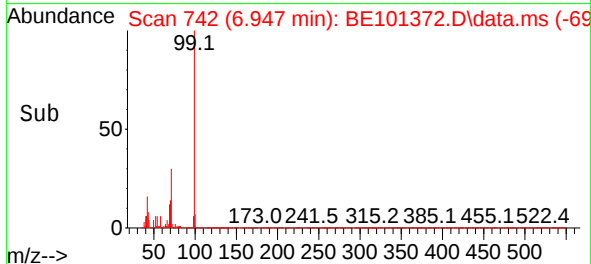
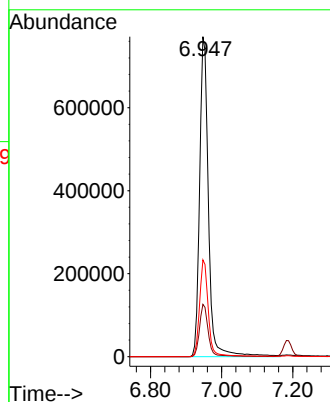
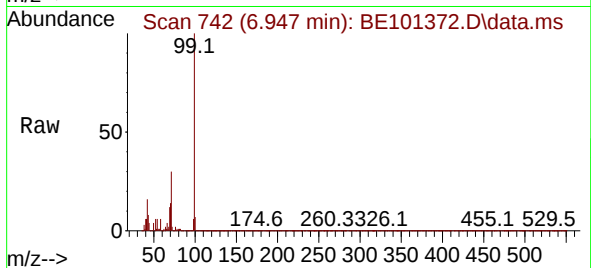
71 30.3

12.8

23.8

19.2

35.6



#8

2-Chlorophenol

Concen: 4.010 ng

RT: 7.217 min Scan# 788

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:128 Resp: 37873

Ion Ratio Lower Upper

128 100

130 34.9

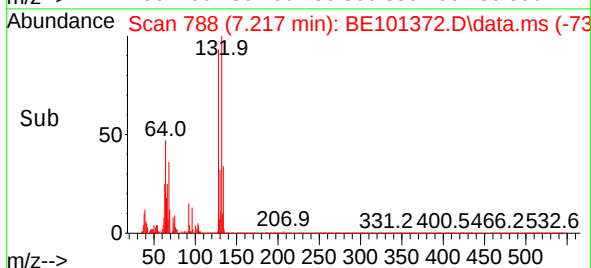
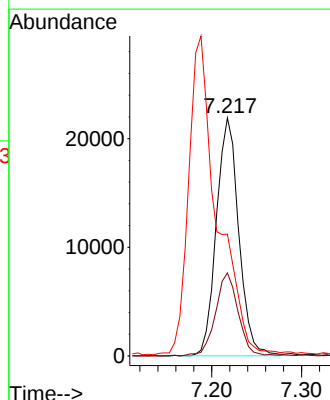
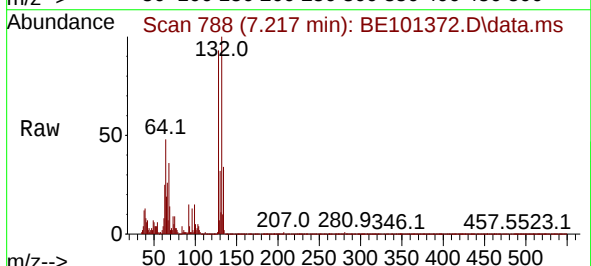
64 51.2

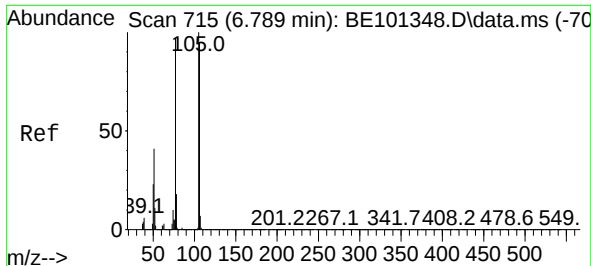
12.8

24.9

52.8

64.9





#9

Benzaldehyde

Concen: 5.287 ng

RT: 6.794 min Scan# 715

Delta R.T. 0.006 min

Lab File: BE101372.D

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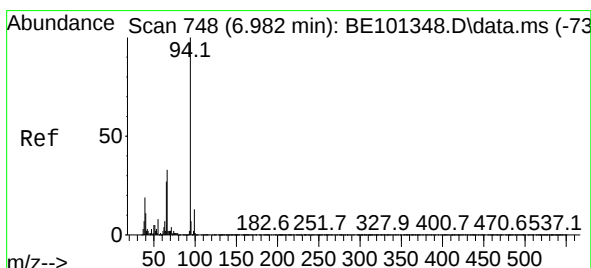
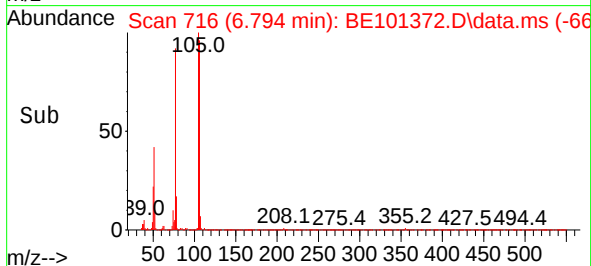
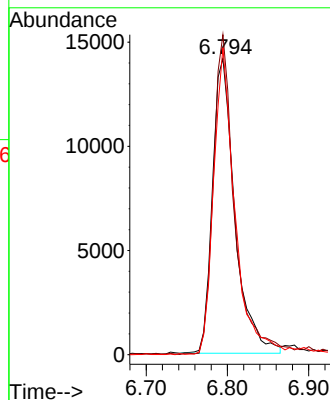
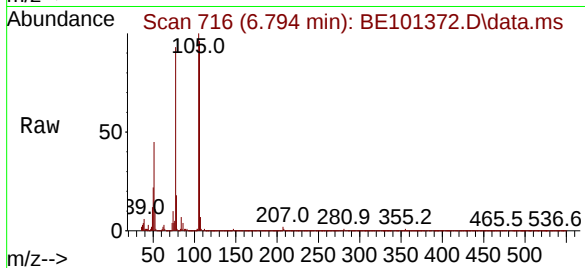
Tgt Ion: 77 Resp: 27076

Ion Ratio Lower Upper

77 100

105 108.0 82.8 122.8

106 103.7 77.9 117.9



#10

Phenol

Concen: 3.528 ng

RT: 6.976 min Scan# 747

Delta R.T. -0.006 min

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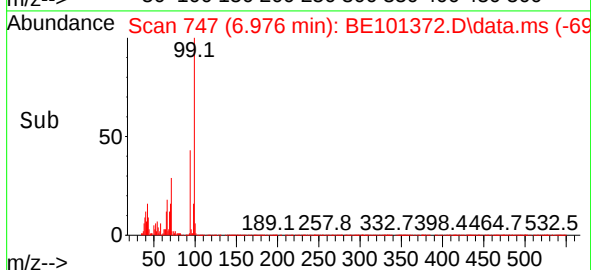
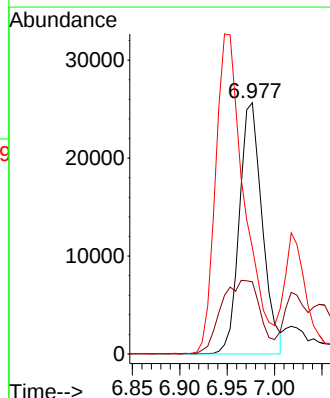
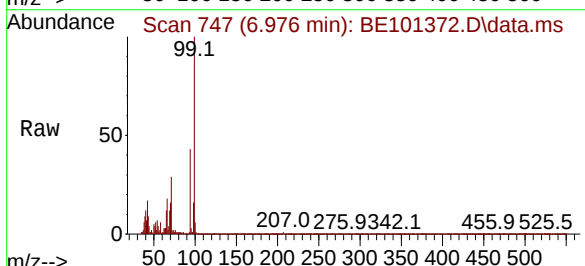
Tgt Ion: 94 Resp: 43206

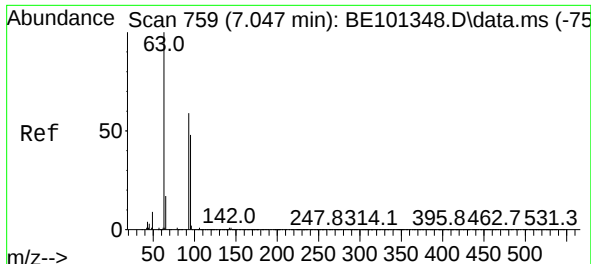
Ion Ratio Lower Upper

94 100

65 28.7 7.1 47.1

66 42.3 13.1 53.1

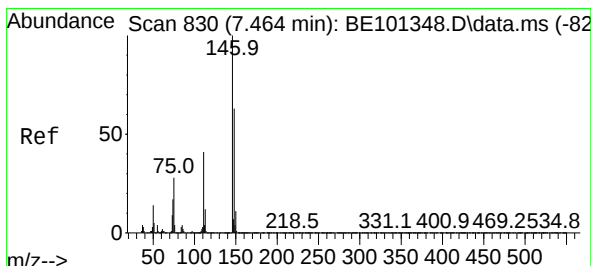
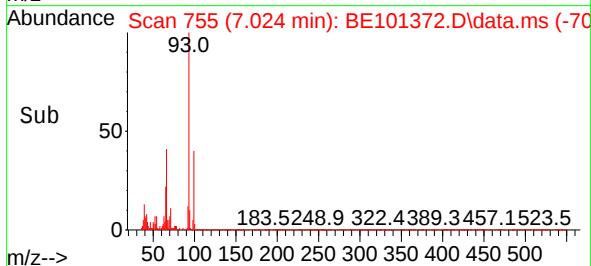
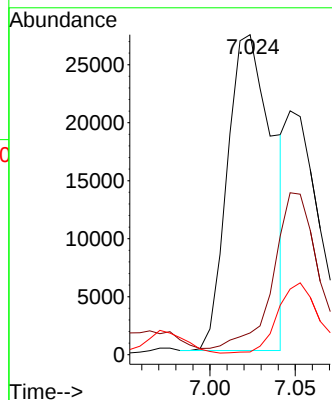
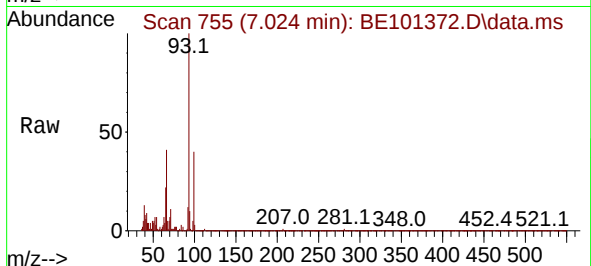




#11
bis(2-Chloroethyl)ether
Concen: 4.855 ng
RT: 7.024 min Scan# 702
Delta R.T. -0.024 min
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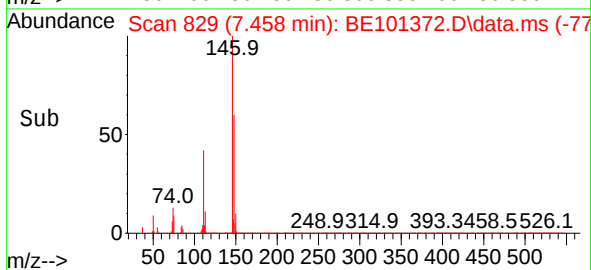
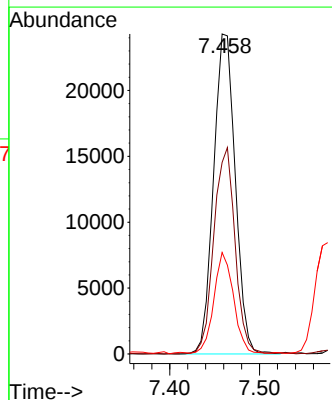
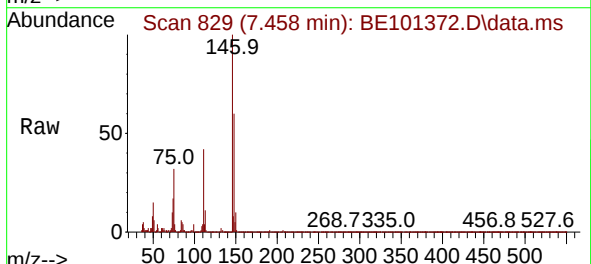
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BNA_E
ClientSampleId :

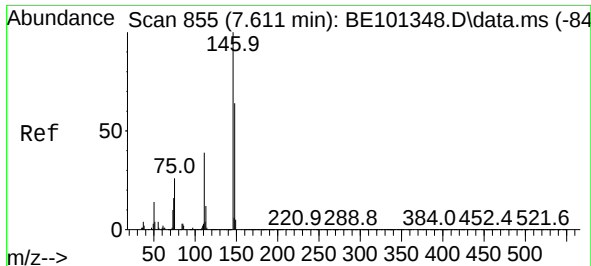
Tgt Ion: 93 Resp: 50320
Ion Ratio Lower Upper
93 100
63 6.8 43.7 83.7#
95 0.9 8.7 48.7#



#12
1,3-Dichlorobenzene
Concen: 4.017 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:146 Resp: 40778
Ion Ratio Lower Upper
146 100
148 59.8 50.8 76.2
75 31.7 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 4.008 ng

RT: 7.605 min Scan# 84

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

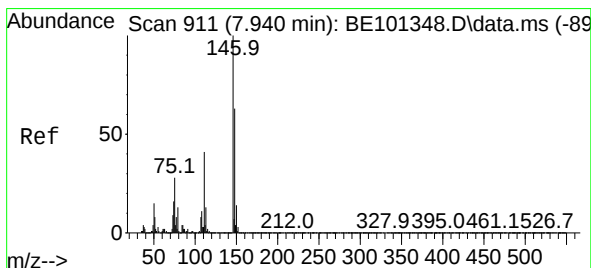
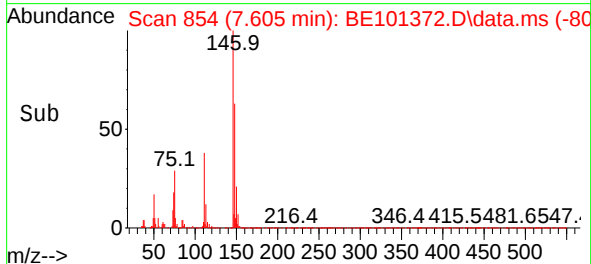
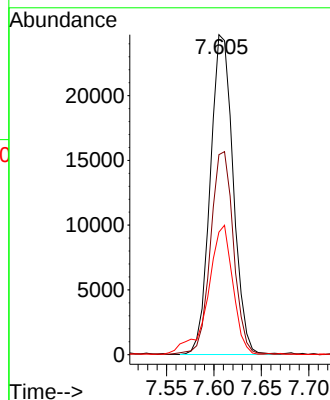
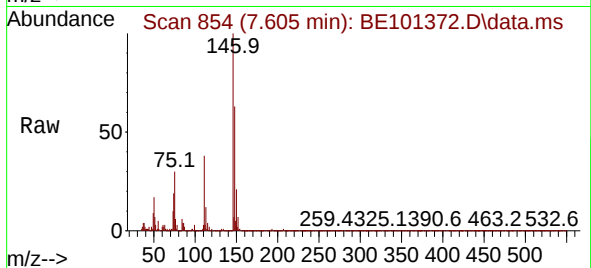
Tgt Ion:146 Resp: 41455

Ion Ratio Lower Upper

146 100

148 62.5 51.1 76.7

111 38.3 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 3.936 ng

RT: 7.934 min Scan# 910

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

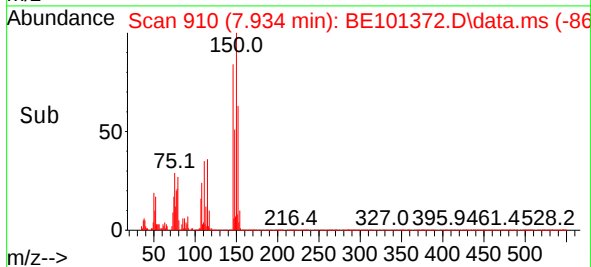
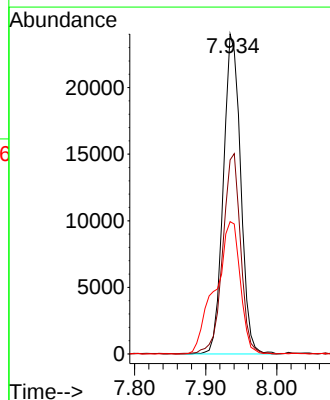
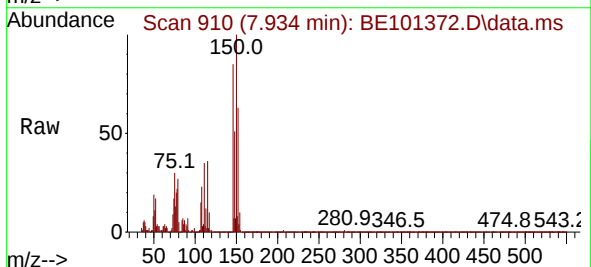
Tgt Ion:146 Resp: 40343

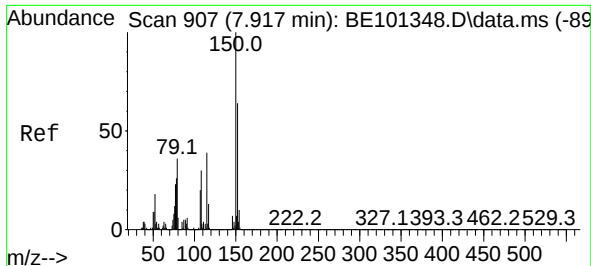
Ion Ratio Lower Upper

146 100

148 60.6 50.4 75.6

111 41.3 32.6 48.8

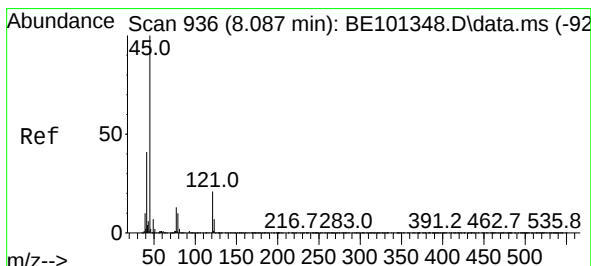
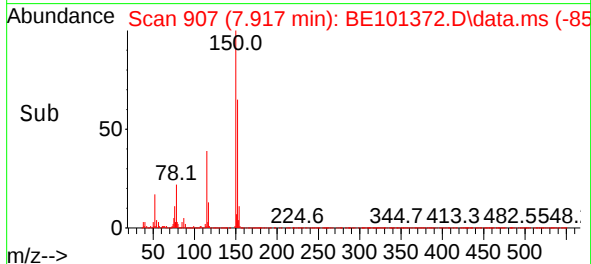
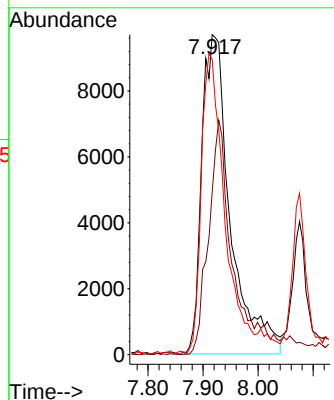
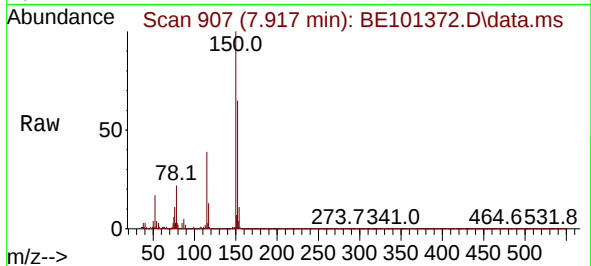




#15
Benzyl Alcohol
Concen: 5.273 ng
RT: 7.917 min Scan# 907
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

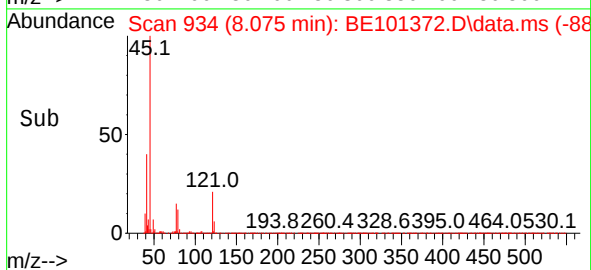
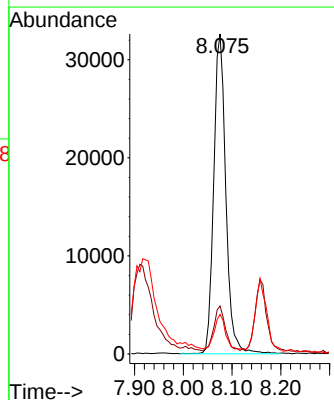
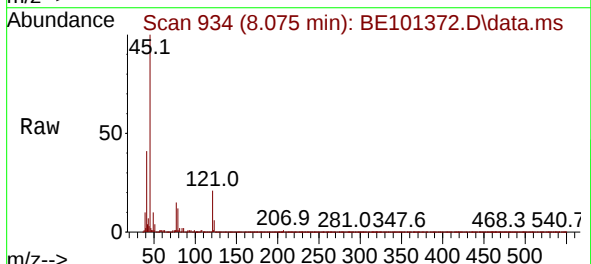
Instrument :
BNA_E
ClientSampleId :

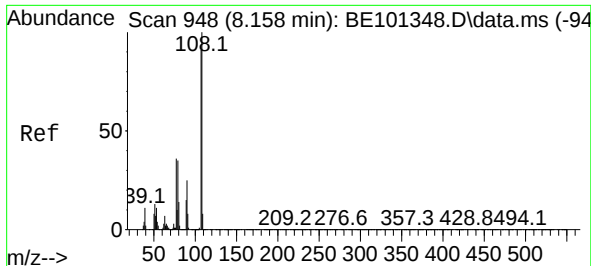
Tgt Ion: 79 Resp: 34988
Ion Ratio Lower Upper
79 100
108 50.9 66.0 99.0#
77 92.3 51.0 76.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.292 ng
RT: 8.075 min Scan# 934
Delta R.T. -0.012 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion: 45 Resp: 56067
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.3
79 12.4 0.0 31.6

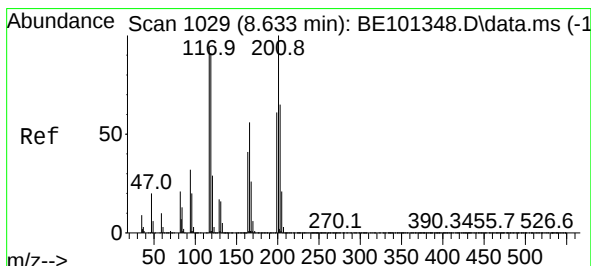
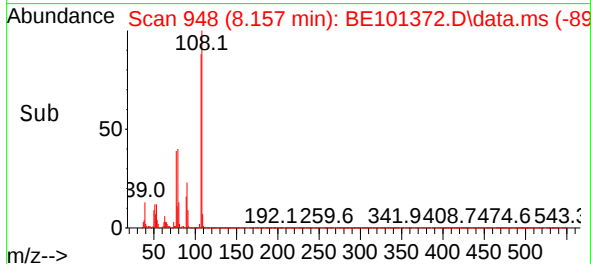
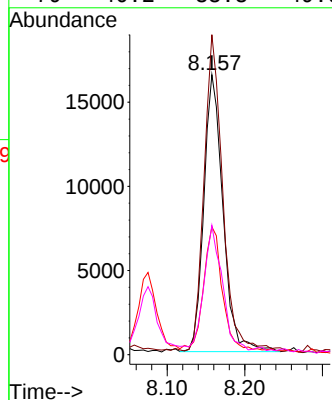
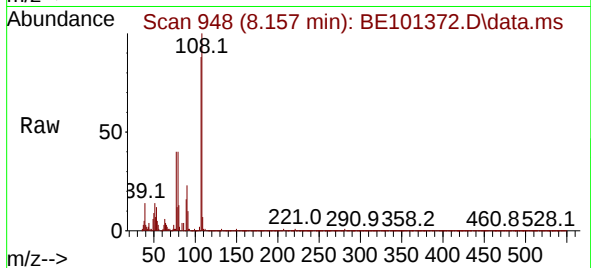




#17
2-Methylphenol
Concen: 3.475 ng
RT: 8.157 min Scan# 948
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

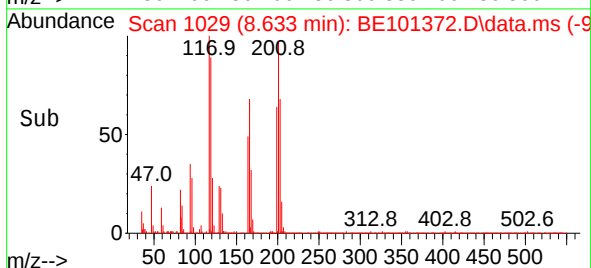
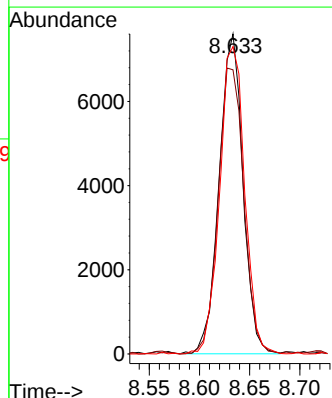
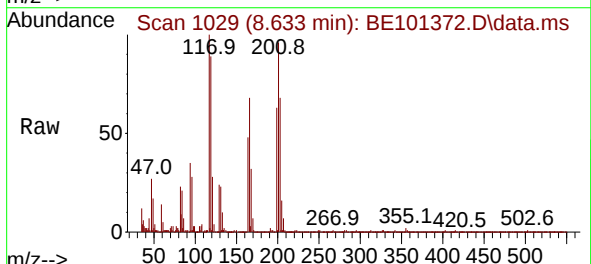
Instrument :
BNA_E
ClientSampleId :

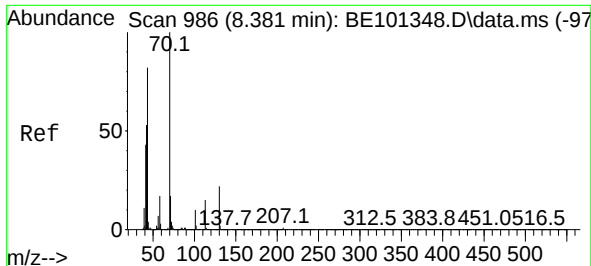
Tgt Ion:	107	Resp:	28202
Ion	Ratio	Lower	Upper
107	100		
108	114.3	88.2	132.2
77	45.6	34.9	52.3
79	46.2	33.3	49.9



#18
Hexachloroethane
Concen: 3.704 ng
RT: 8.633 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:	117	Resp:	12529
Ion	Ratio	Lower	Upper
117	100		
119	88.8	77.4	116.2
201	96.1	84.8	127.2

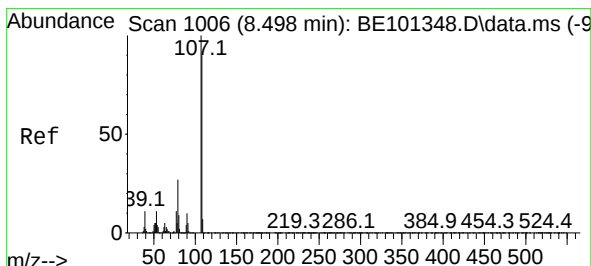
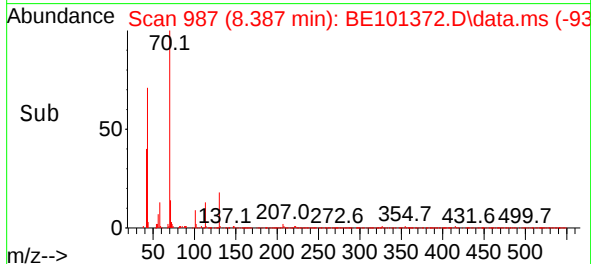
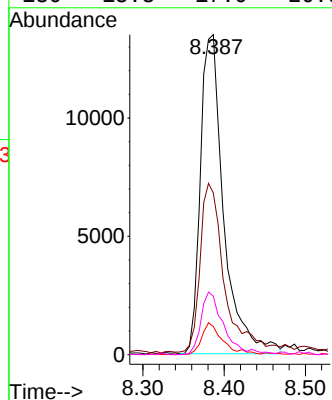
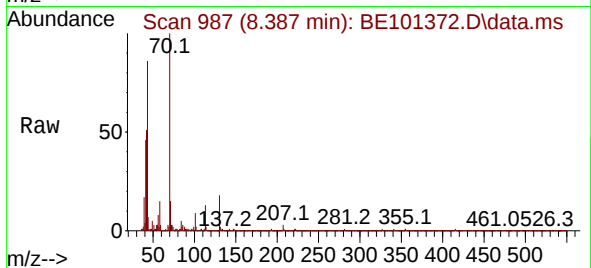




#19
n-Nitroso-di-n-propylamine
Concen: 3.415 ng
RT: 8.387 min Scan# 986
Delta R.T. 0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

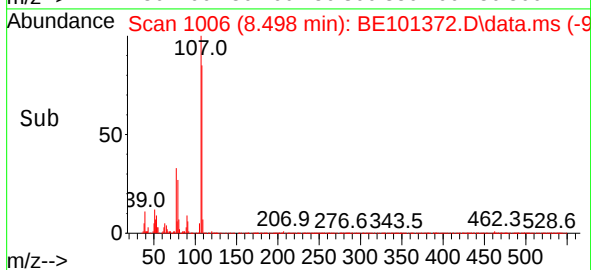
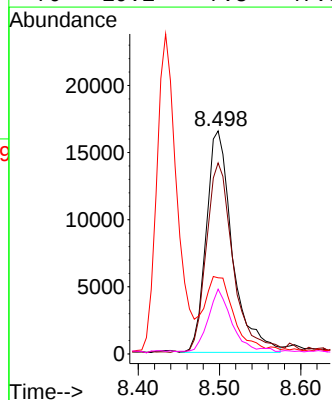
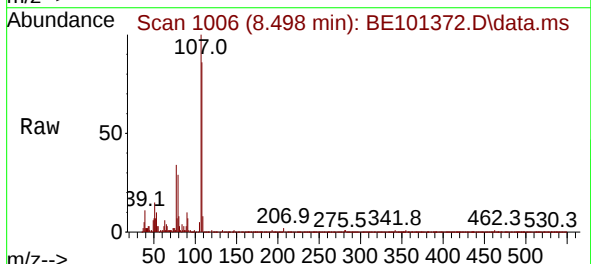
Instrument :
BNA_E
ClientSampleId :

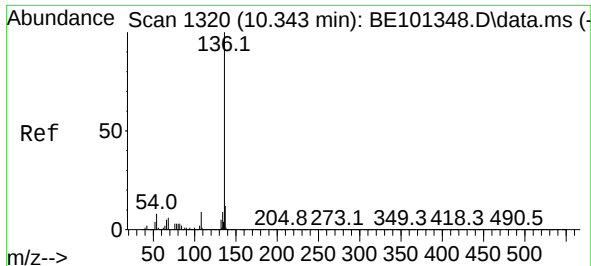
Tgt Ion:	70	Resp:	26853
Ion	Ratio	Lower	Upper
70	100		
42	50.5	42.5	63.7
101	8.8	7.8	11.6
130	18.3	17.9	26.9



#20
3+4-Methylphenols
Concen: 3.235 ng
RT: 8.498 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:	107	Resp:	36943
Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.4	110.4
77	34.1	12.5	52.5
79	29.1	7.3	47.3

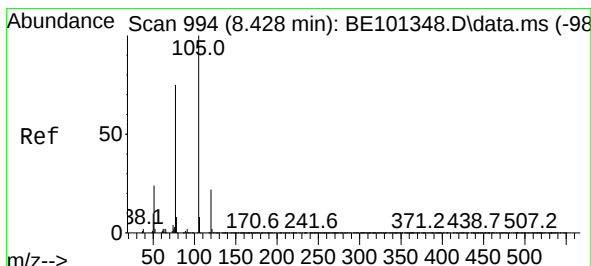
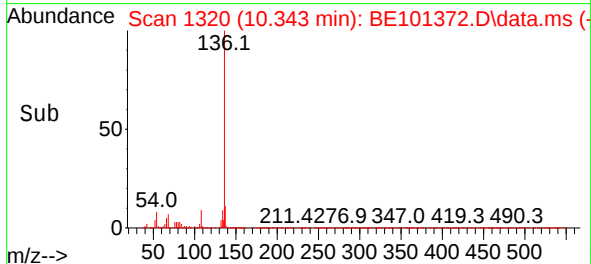
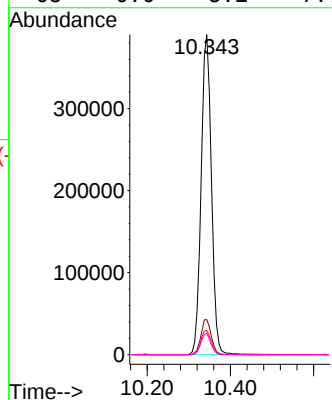
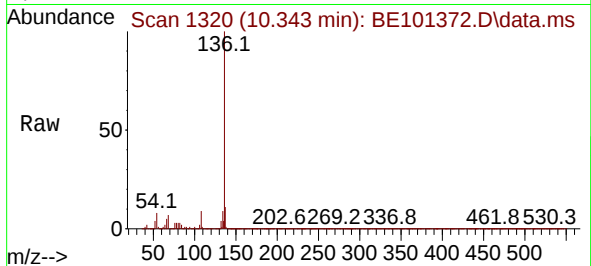




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

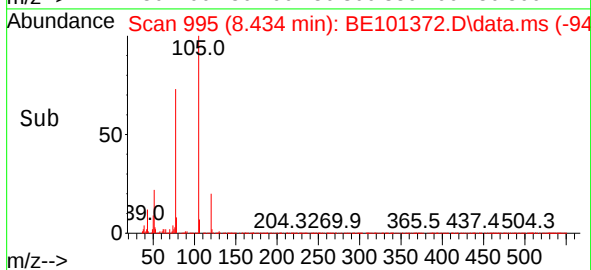
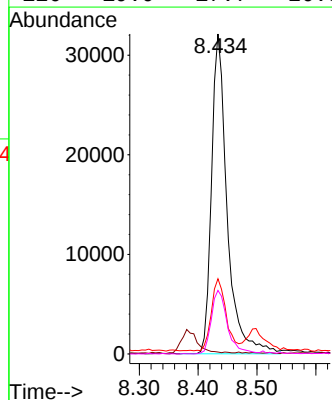
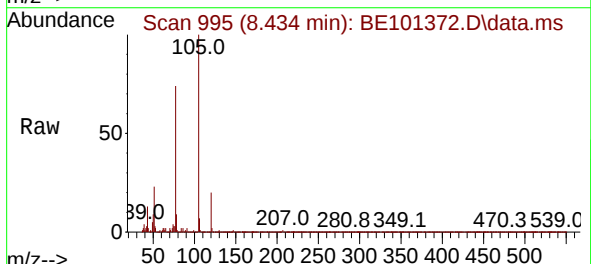
Instrument :
BNA_E
ClientSampleId :

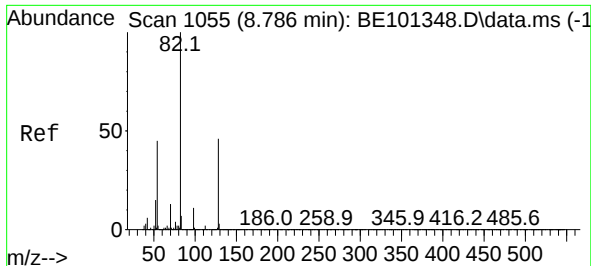
Tgt Ion:	136	Resp:	671135
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	7.6	6.1	9.1
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 3.807 ng
RT: 8.434 min Scan# 995
Delta R.T. 0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:	105	Resp:	59245
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.1	0.1#
51	23.5	19.0	28.4
120	19.9	17.7	26.5

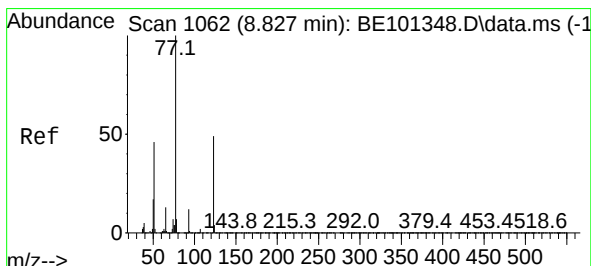
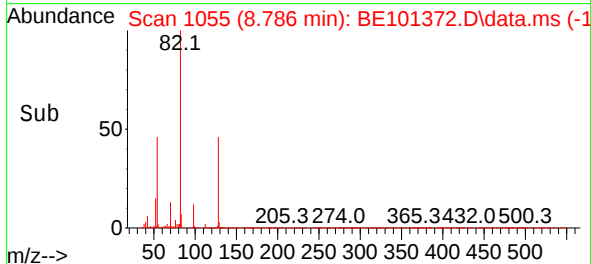
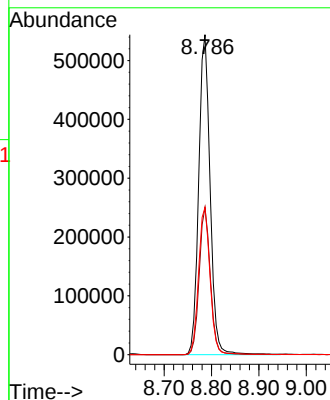
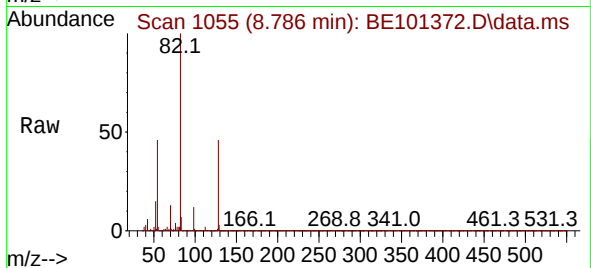




#23
Nitrobenzene-d5
Concen: 85.774 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

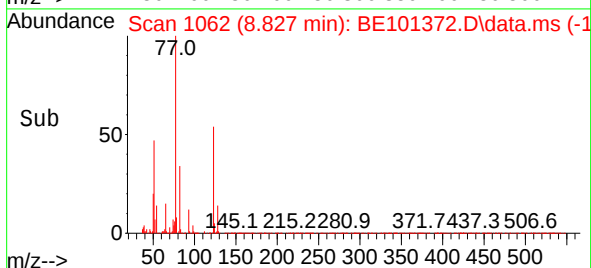
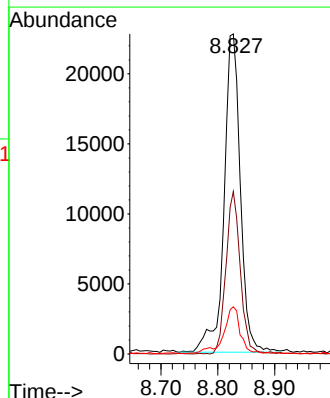
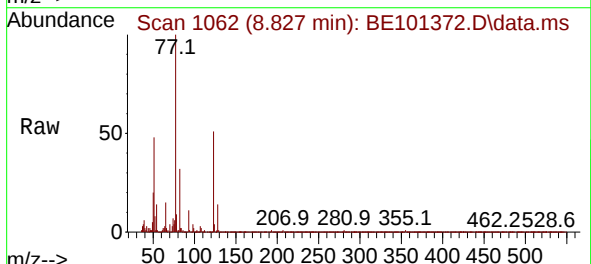
Instrument :
BNA_E
ClientSampleId :

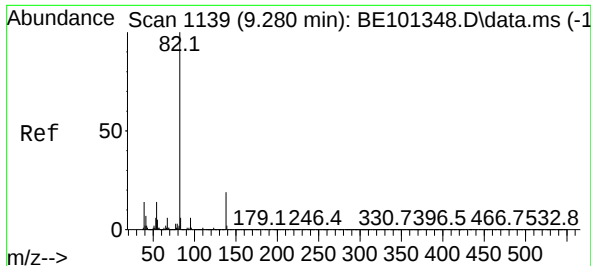
Tgt Ion: 82 Resp: 908005
Ion Ratio Lower Upper
82 100
128 46.0 36.8 55.2
54 46.0 36.2 54.4



#24
Nitrobenzene
Concen: 4.029 ng
RT: 8.827 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion: 77 Resp: 45535
Ion Ratio Lower Upper
77 100
123 50.7 39.0 58.4
65 14.7 10.2 15.4





#25

Isophorone

Concen: 3.557 ng

RT: 9.280 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

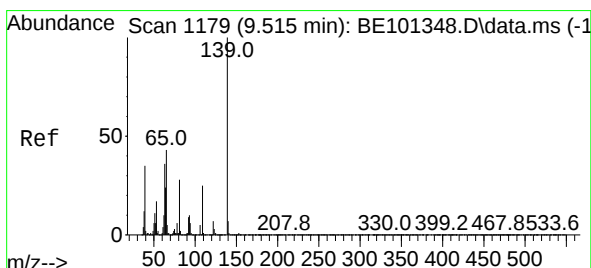
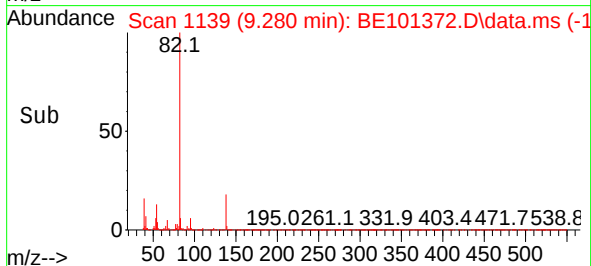
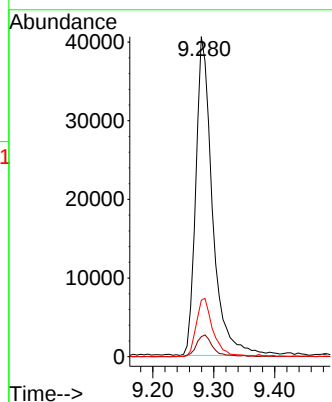
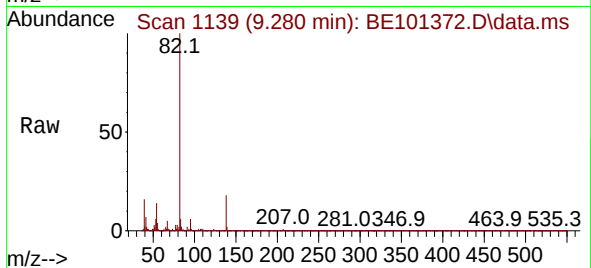
Tgt Ion: 82 Resp: 77093

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.7 15.0 22.6



#26

2-Nitrophenol

Concen: 3.114 ng

RT: 9.521 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

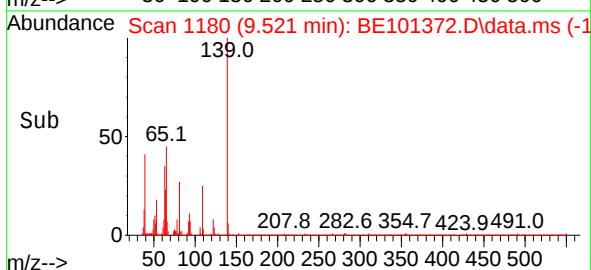
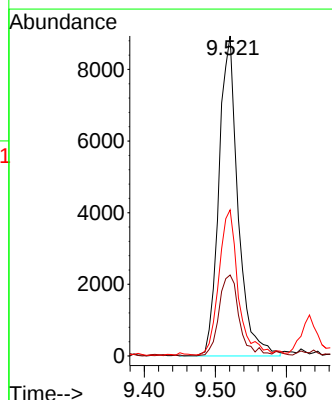
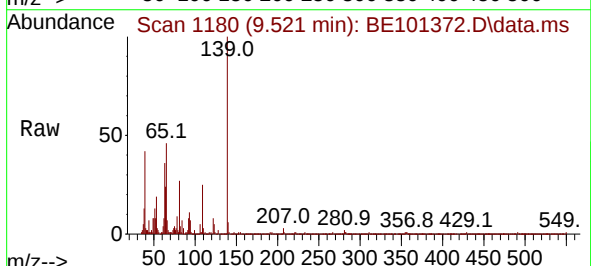
Tgt Ion:139 Resp: 16609

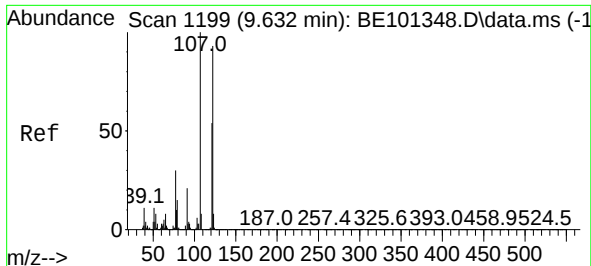
Ion Ratio Lower Upper

139 100

109 25.3 19.8 29.6

65 45.7 34.6 52.0

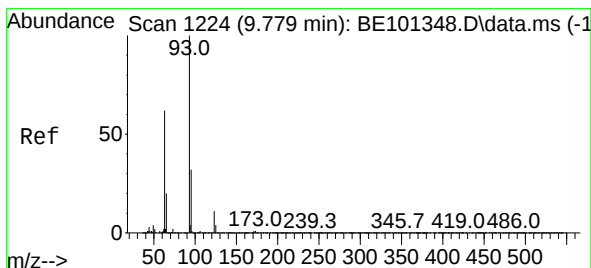
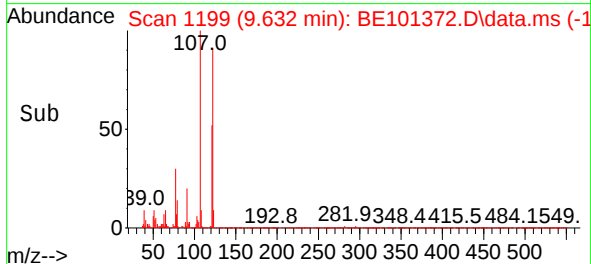
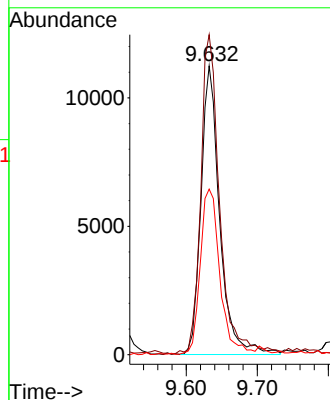
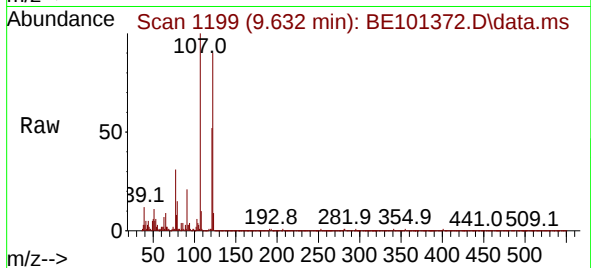




#27
2,4-Dimethylphenol
Concen: 3.012 ng
RT: 9.632 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

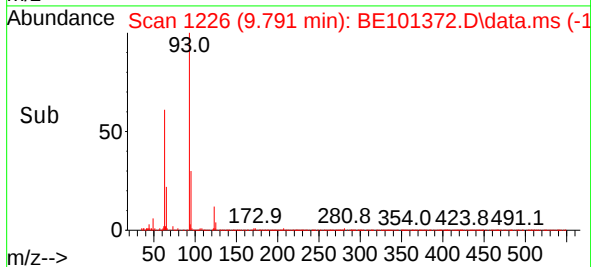
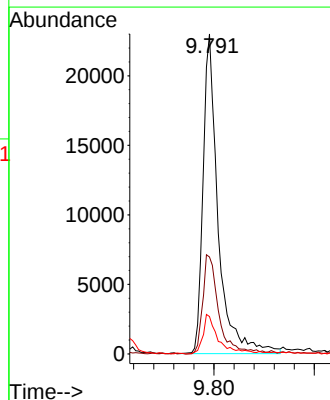
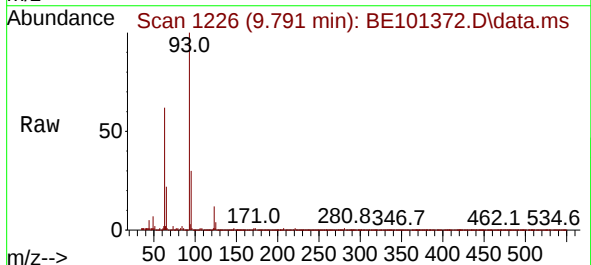
Instrument :
BNA_E
ClientSampleId :

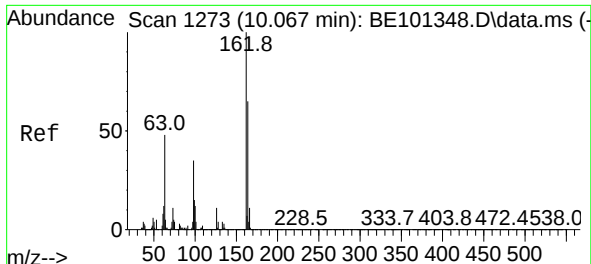
Tgt Ion:122 Resp: 20624
Ion Ratio Lower Upper
122 100
107 110.8 86.4 129.6
121 57.3 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 3.658 ng
RT: 9.791 min Scan# 1226
Delta R.T. 0.012 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion: 93 Resp: 47952
Ion Ratio Lower Upper
93 100
95 30.3 26.0 39.0
123 11.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 3.389 ng

RT: 10.067 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

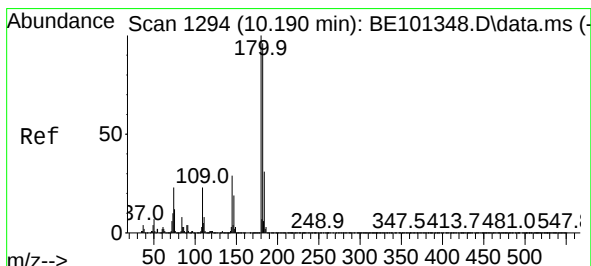
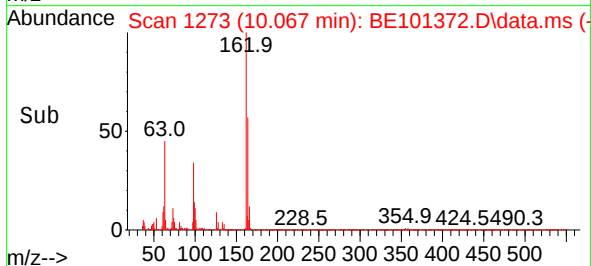
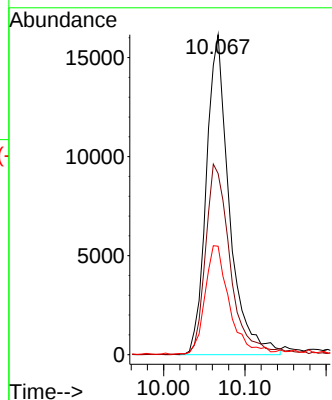
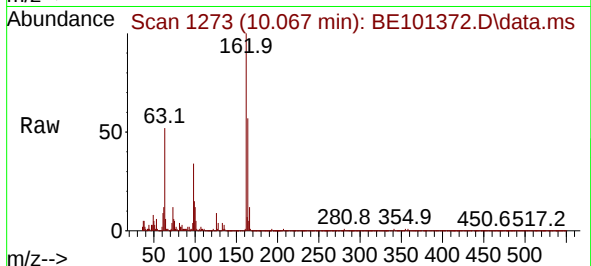
Tgt Ion:162 Resp: 31776

Ion Ratio Lower Upper

162 100

164 56.6 44.6 84.6

98 33.9 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 3.893 ng

RT: 10.185 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

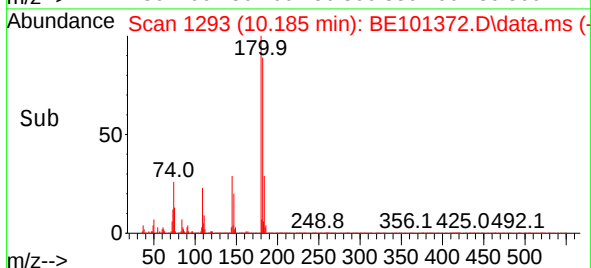
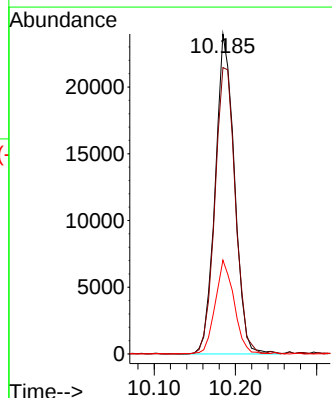
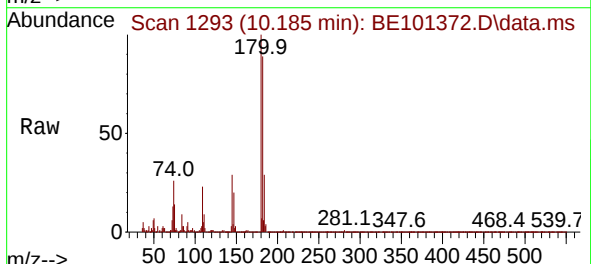
Tgt Ion:180 Resp: 39456

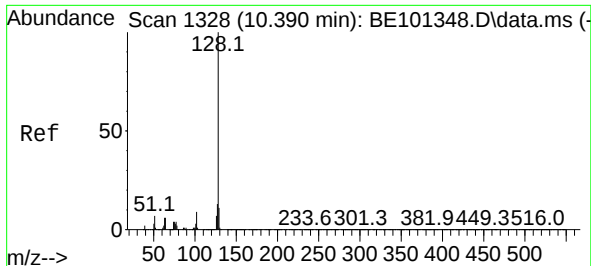
Ion Ratio Lower Upper

180 100

182 89.5 76.6 114.8

145 29.3 23.5 35.3

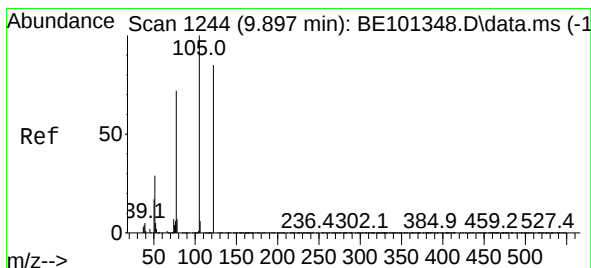
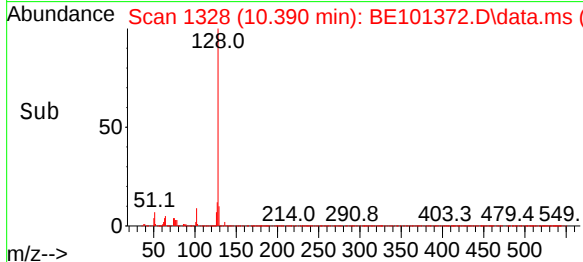
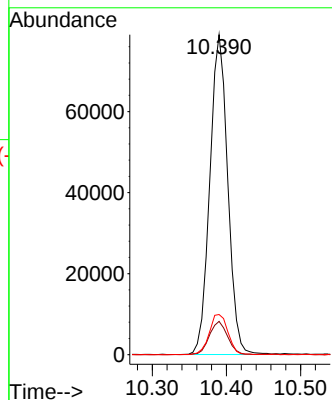
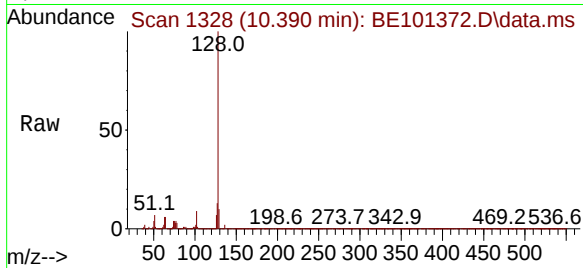




#31
Naphthalene
Concen: 3.920 ng
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

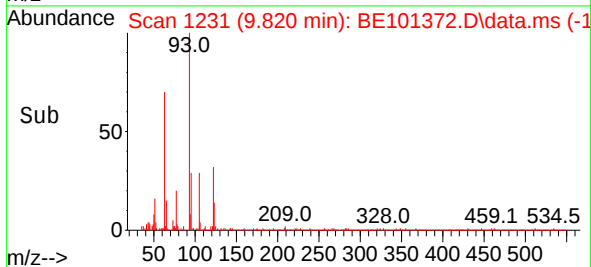
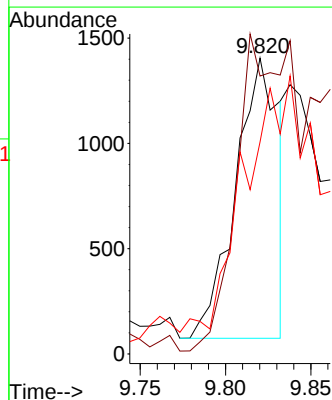
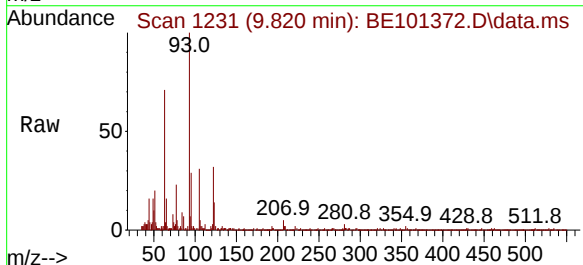
Instrument :
BNA_E
ClientSampleId :

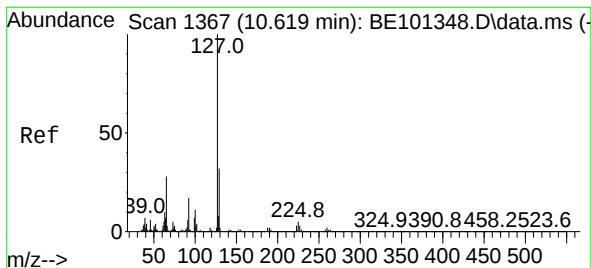
Tgt Ion:128 Resp: 132730
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 7.615 ng
RT: 9.820 min Scan# 1231
Delta R.T. -0.077 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:122 Resp: 2340
Ion Ratio Lower Upper
122 100
105 94.0 96.7 136.7#
77 71.7 64.8 104.8





#33

4-Chloroaniline

Concen: 3.601 ng

RT: 10.625 min Scan# 1368

Delta R.T. 0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:127 Resp: 46657

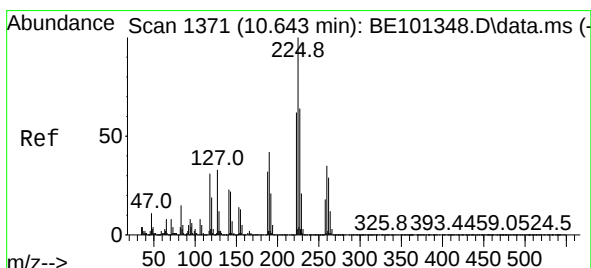
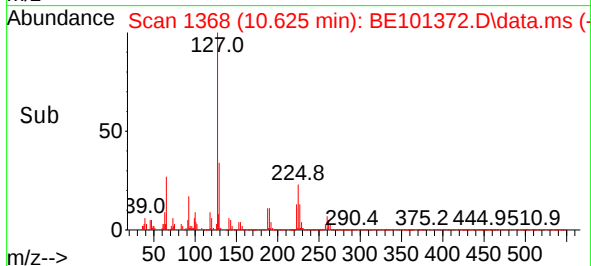
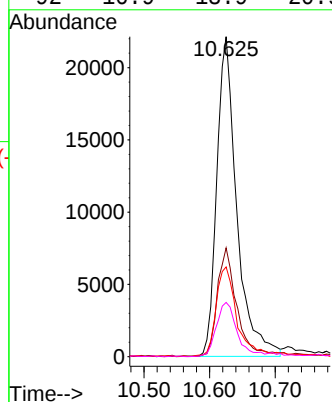
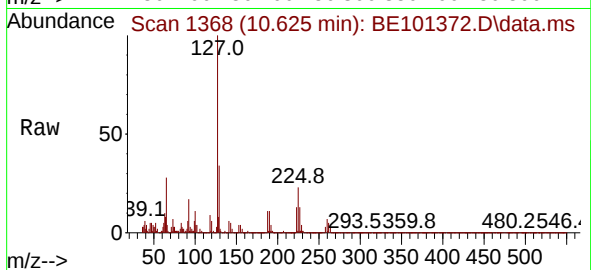
Ion Ratio Lower Upper

127 100

129 34.0 25.8 38.8

65 28.0 22.5 33.7

92 16.9 13.9 20.9



#34

Hexachlorobutadiene

Concen: 3.620 ng

RT: 10.643 min Scan# 1371

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

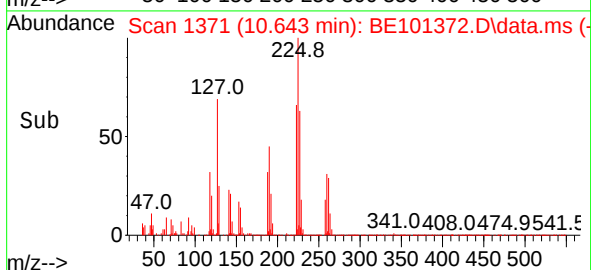
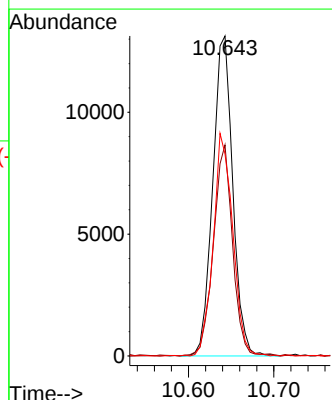
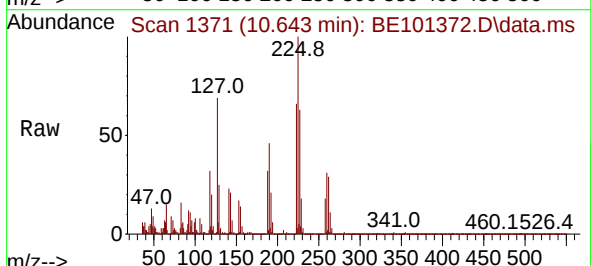
Tgt Ion:225 Resp: 21312

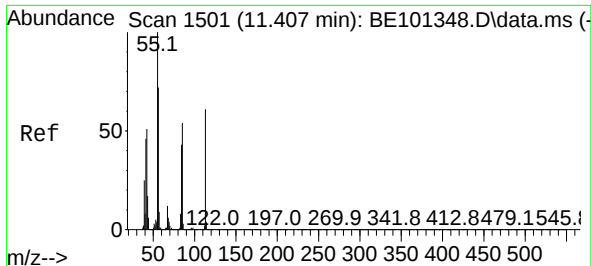
Ion Ratio Lower Upper

225 100

223 65.9 49.8 74.8

227 63.1 51.3 76.9





#35

Caprolactam

Concen: 2.359 ng

RT: 11.418 min Scan# 1501

Delta R.T. 0.012 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

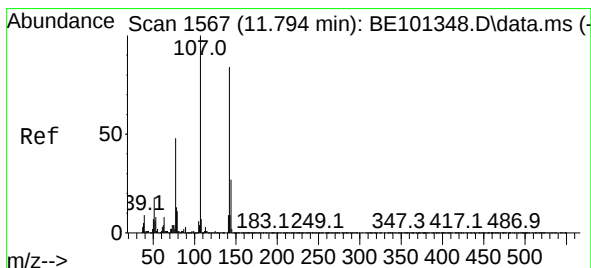
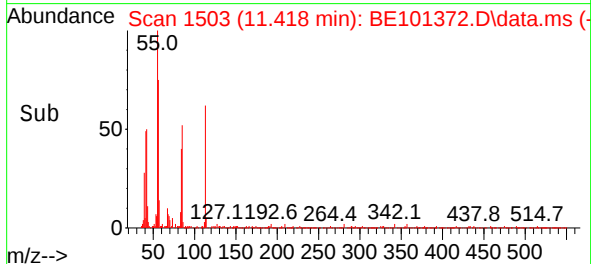
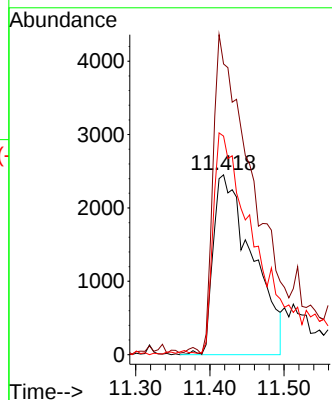
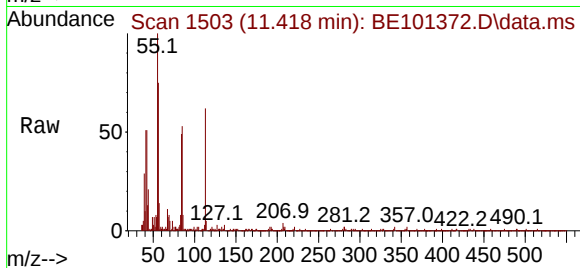
Tgt Ion:113 Resp: 8937

Ion Ratio Lower Upper

113 100

55 161.6 144.8 184.8

56 121.6 99.3 139.3



#36

4-Chloro-3-methylphenol

Concen: 3.387 ng

RT: 11.789 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

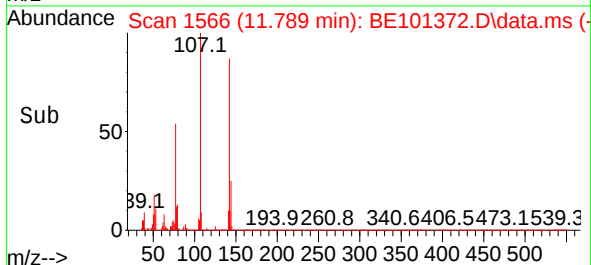
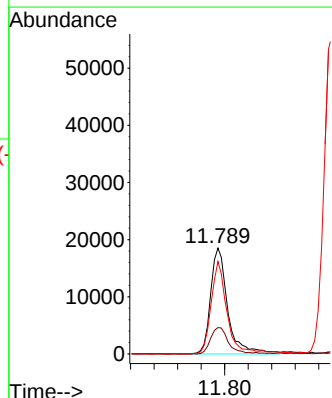
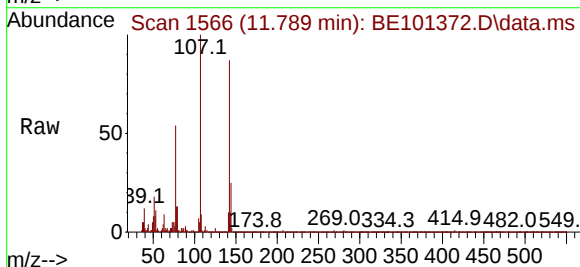
Tgt Ion:107 Resp: 37533

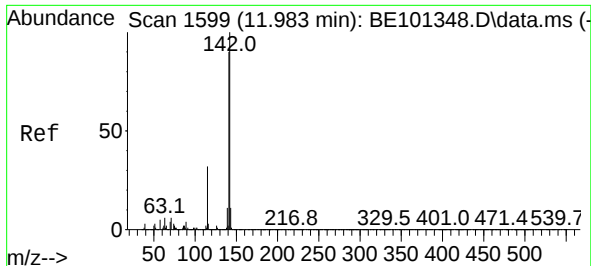
Ion Ratio Lower Upper

107 100

144 24.9 21.9 32.9

142 87.3 67.4 101.2

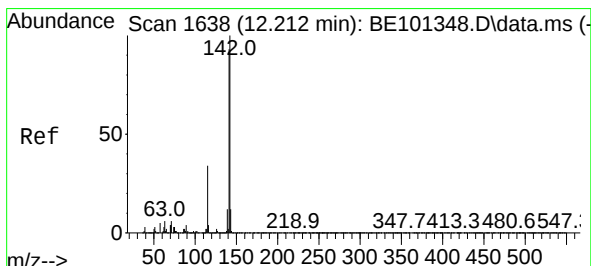
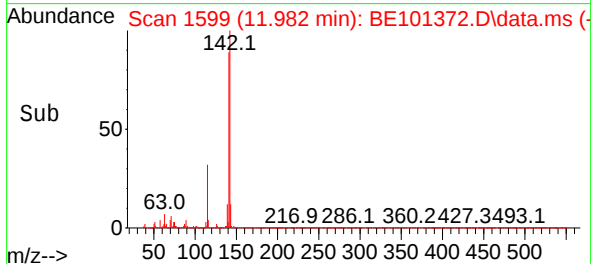
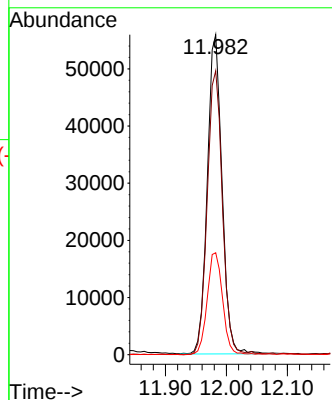
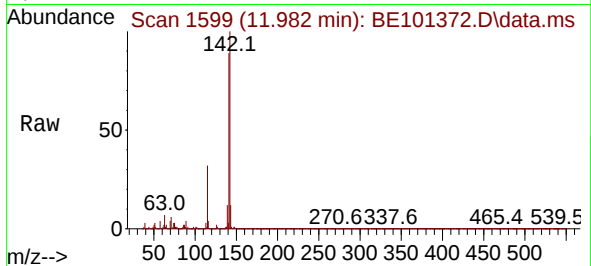




#37
2-Methylnaphthalene
Concen: 3.786 ng
RT: 11.982 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

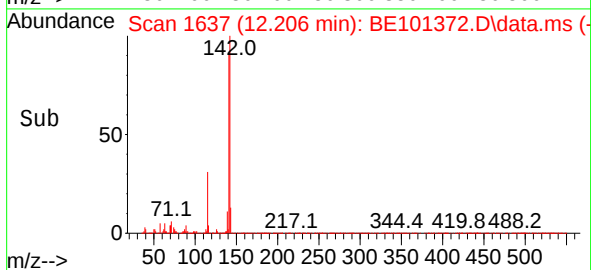
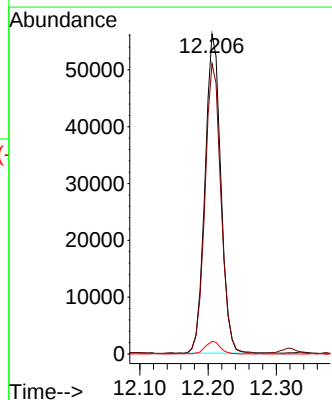
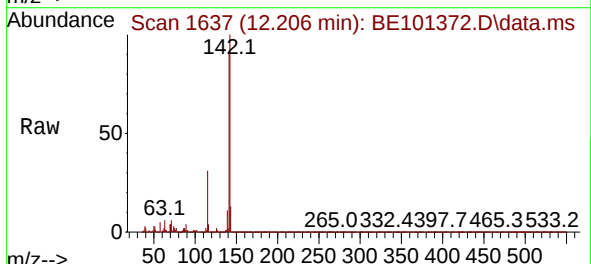
Instrument :
BNA_E
ClientSampleId :

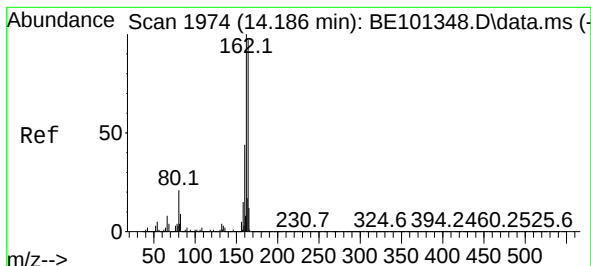
Tgt Ion:142 Resp: 93763
Ion Ratio Lower Upper
142 100
141 88.7 71.8 107.6
115 31.8 25.6 38.4



#38
1-Methylnaphthalene
Concen: 3.640 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:142 Resp: 90429
Ion Ratio Lower Upper
142 100
141 90.8 74.3 111.5
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.180 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

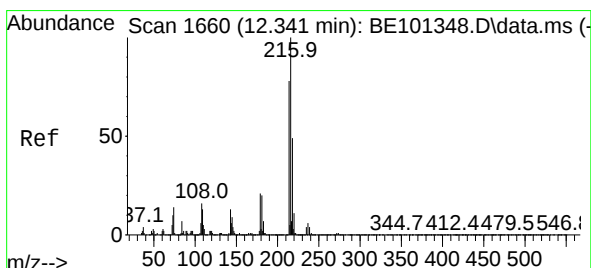
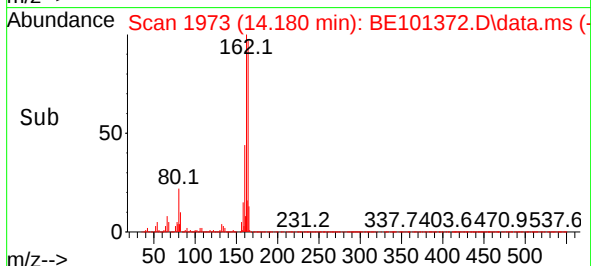
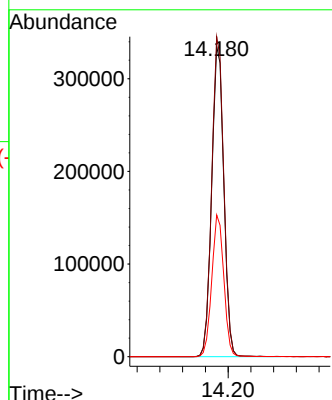
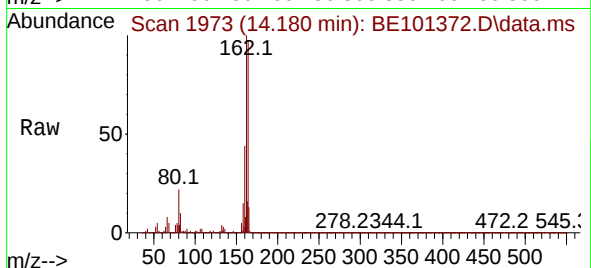
Tgt Ion:164 Resp: 492772

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

160 45.7 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.899 ng

RT: 12.335 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:216 Resp: 46280

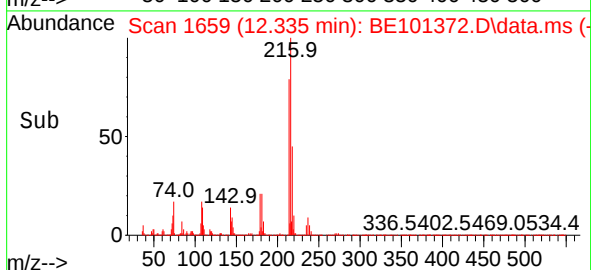
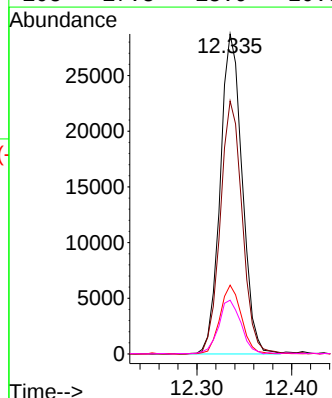
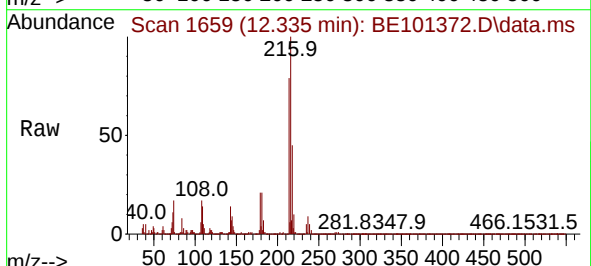
Ion Ratio Lower Upper

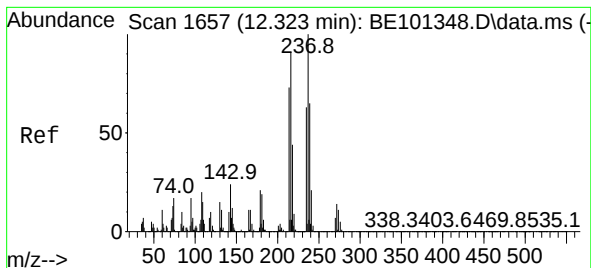
216 100

214 79.1 62.6 94.0

179 20.9 16.9 25.3

108 17.3 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 3.087 ng

RT: 12.317 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101372.D

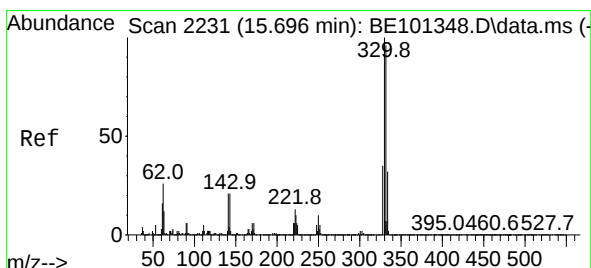
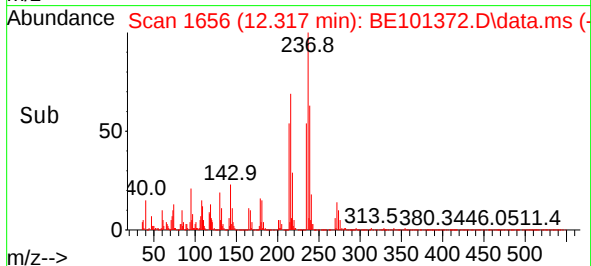
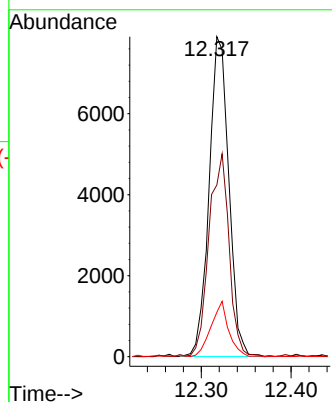
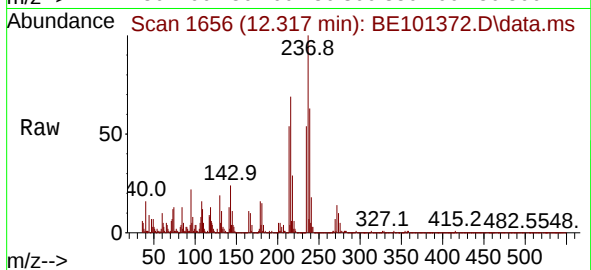
Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:	237	Resp:	12041
Ion Ratio	Lower	Upper	
237	100		
235	53.6	42.9	82.9
272	13.9	0.0	34.0



#42

2,4,6-Tribromophenol

Concen: 130.187 ng

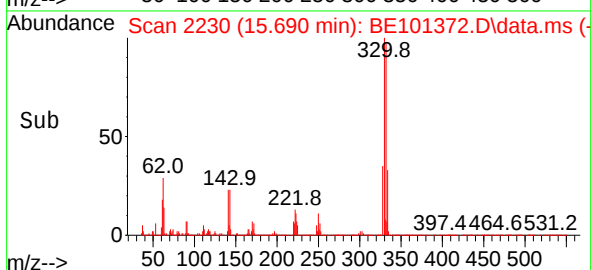
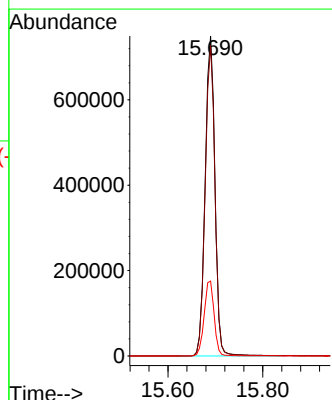
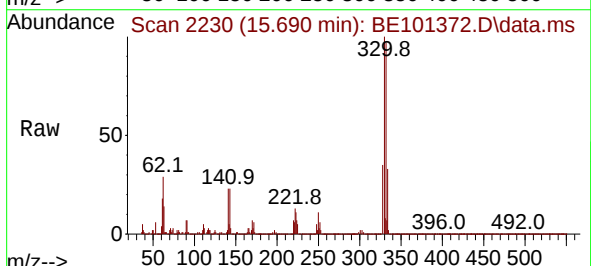
RT: 15.690 min Scan# 2230

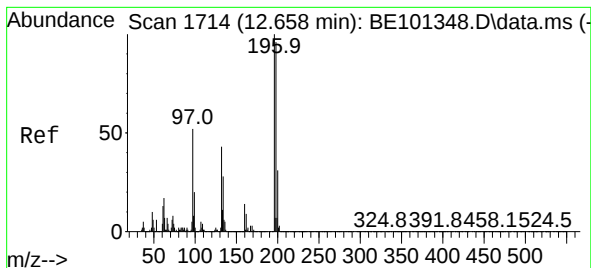
Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:	330	Resp:	1079023
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.8	116.8
141	24.0	19.1	28.7





#43

2,4,6-Trichlorophenol

Concen: 3.255 ng

RT: 12.658 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

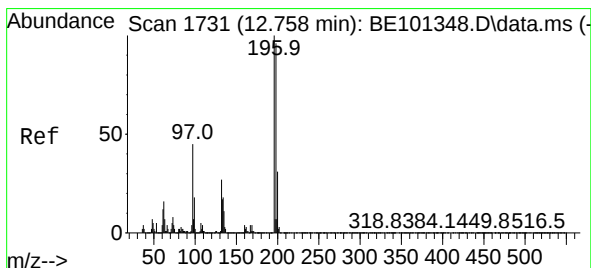
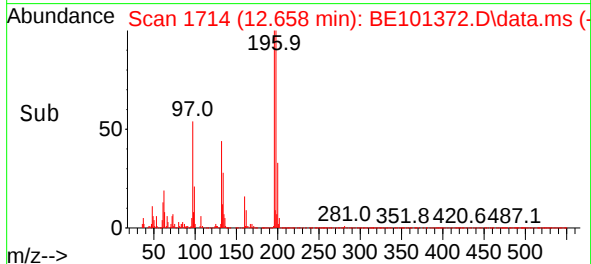
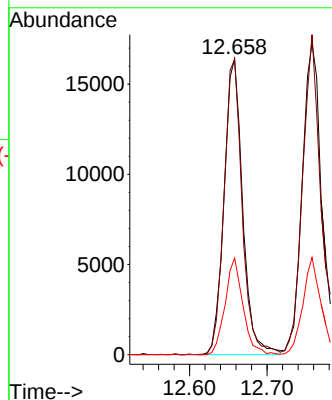
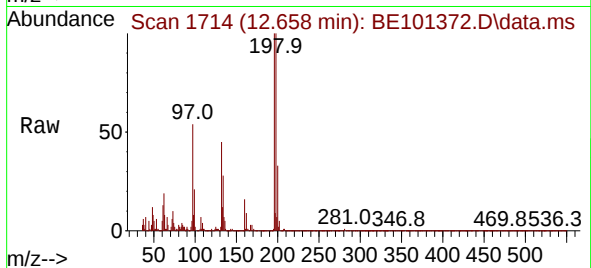
Tgt Ion:196 Resp: 27367

Ion Ratio Lower Upper

196 100

198 99.8 76.8 115.2

200 32.7 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 3.253 ng

RT: 12.758 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:196 Resp: 30853

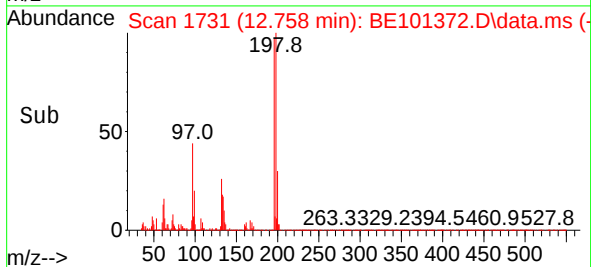
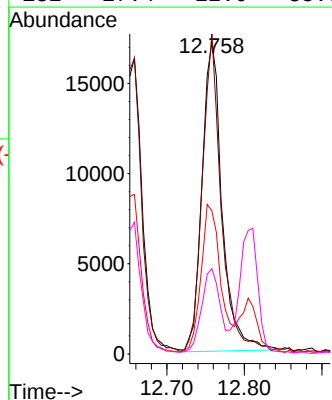
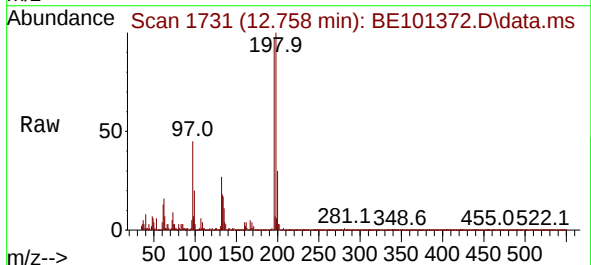
Ion Ratio Lower Upper

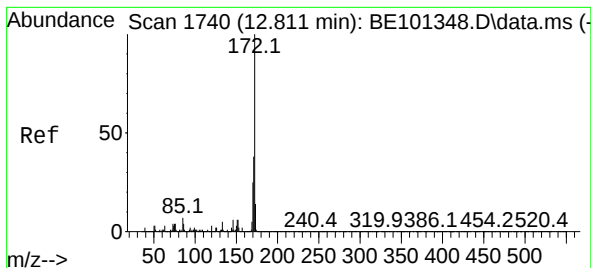
196 100

198 102.8 76.9 115.3

97 45.9 36.2 54.2

132 27.4 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 85.533 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

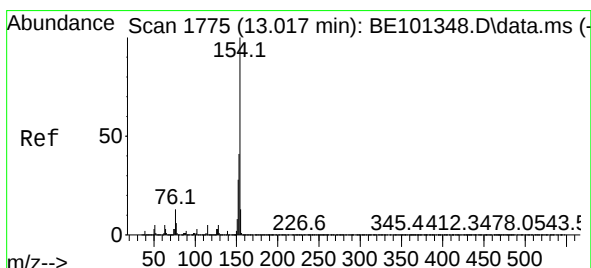
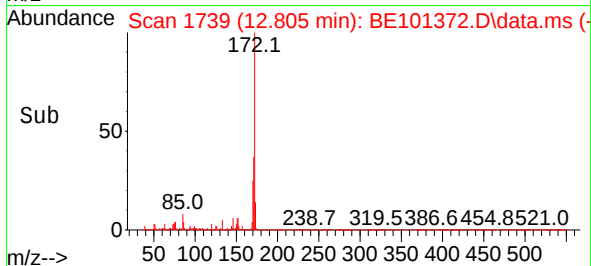
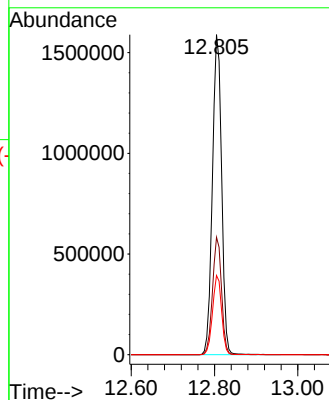
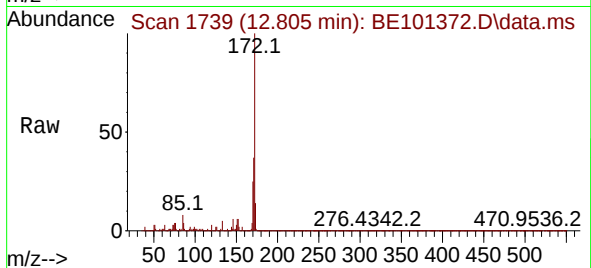
Tgt Ion:172 Resp: 2439039

Ion Ratio Lower Upper

172 100

171 36.7 30.2 45.2

170 24.7 20.2 30.4



#46

1,1'-Biphenyl

Concen: 4.264 ng

RT: 13.011 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

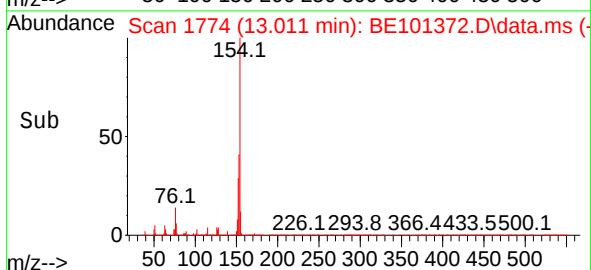
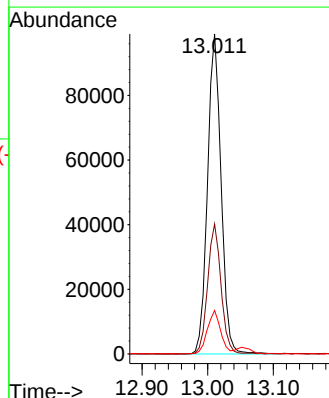
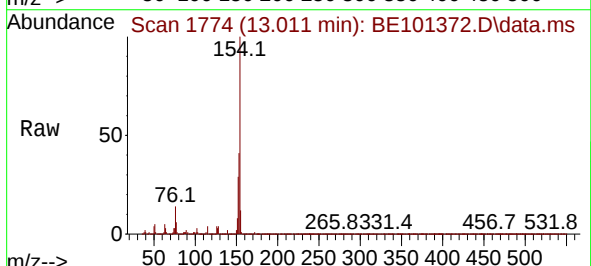
Tgt Ion:154 Resp: 142396

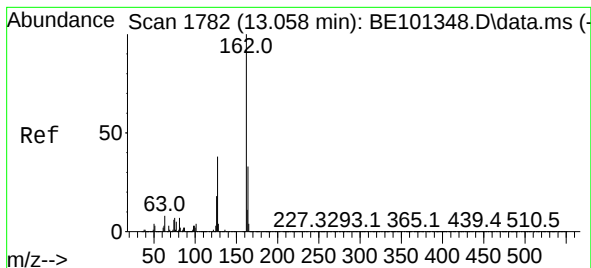
Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

76 13.6 0.0 33.4





#47

2-Chloronaphthalene

Concen: 3.815 ng

RT: 13.052 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

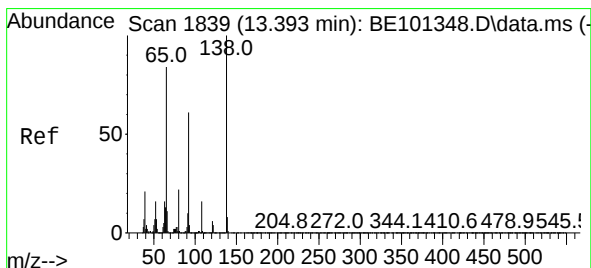
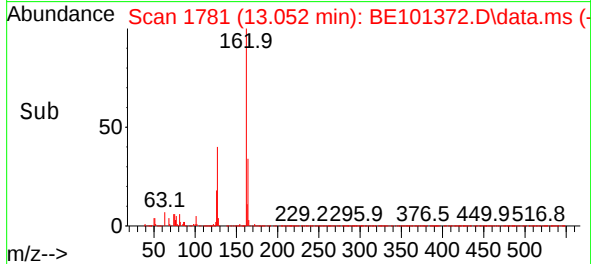
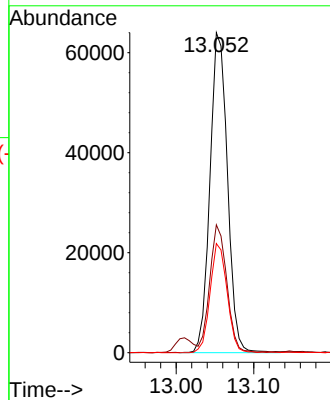
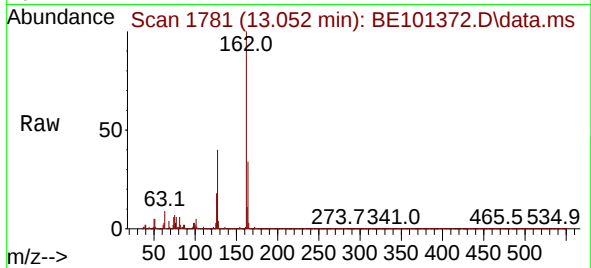
Tgt Ion:162 Resp: 100220

Ion Ratio Lower Upper

162 100

127 39.9 31.2 46.8

164 34.1 26.2 39.2



#48

2-Nitroaniline

Concen: 3.086 ng

RT: 13.393 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

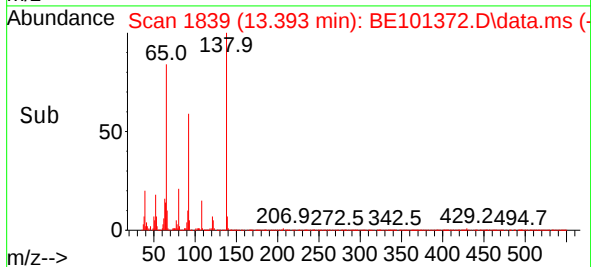
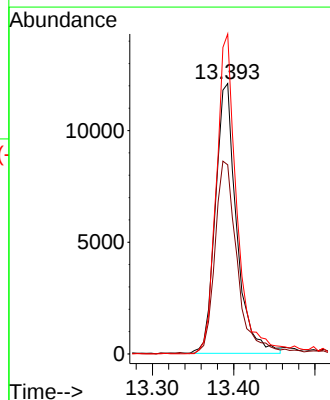
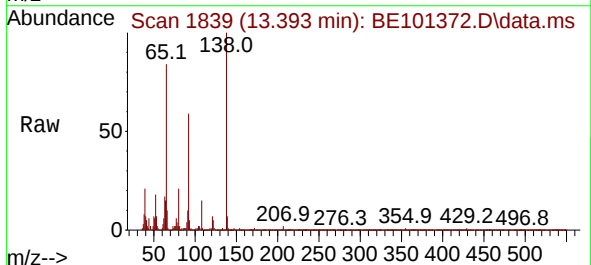
Tgt Ion: 65 Resp: 21809

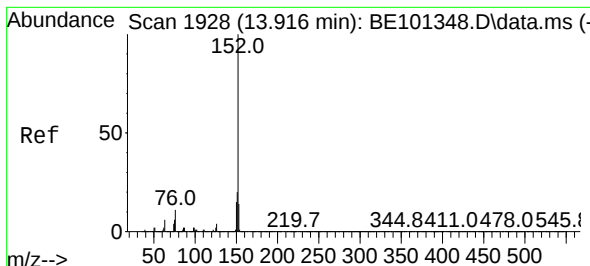
Ion Ratio Lower Upper

65 100

92 70.0 58.3 87.5

138 118.4 95.0 142.4





#49

Acenaphthylene

Concen: 4.102 ng

RT: 13.915 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

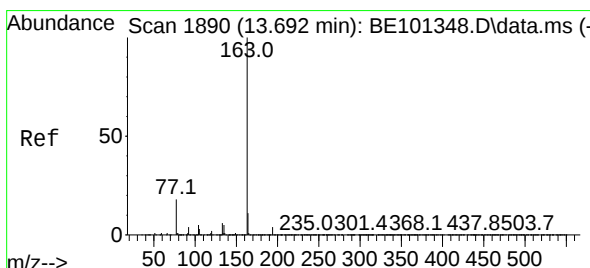
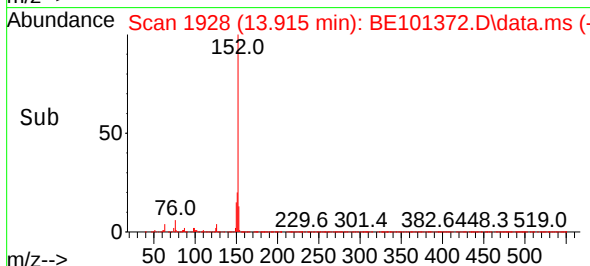
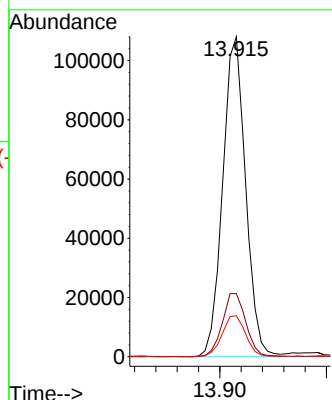
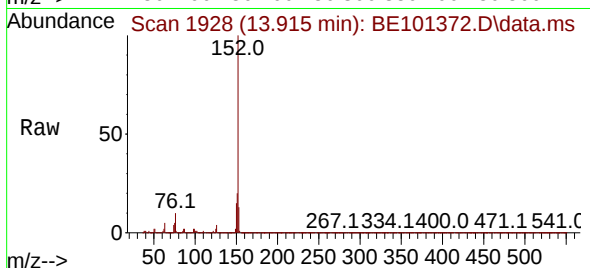
Tgt Ion:152 Resp: 160770

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 12.8 11.1 16.7



#50

Dimethylphthalate

Concen: 3.934 ng

RT: 13.686 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

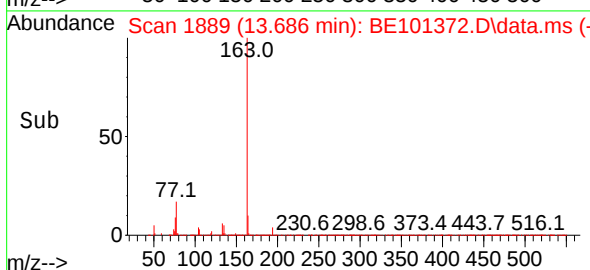
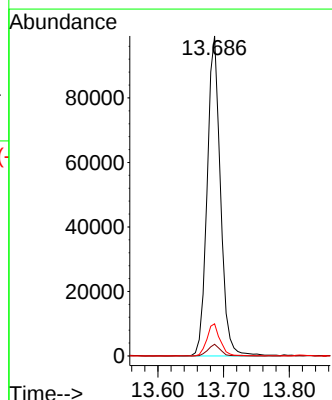
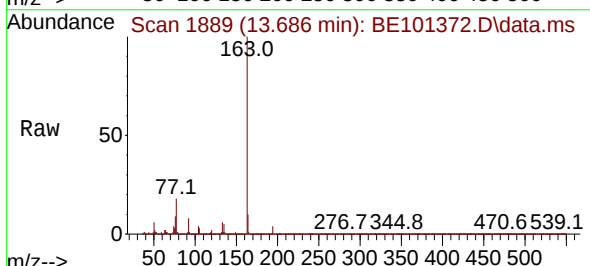
Tgt Ion:163 Resp: 139901

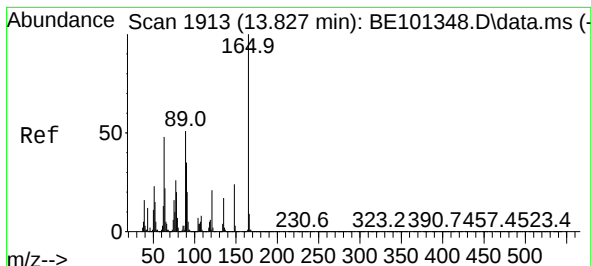
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.0 8.5 12.7

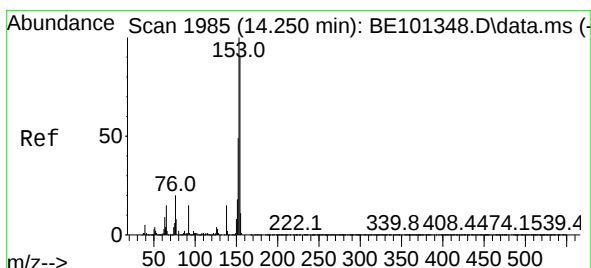
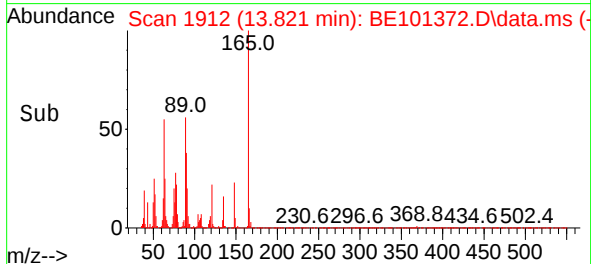
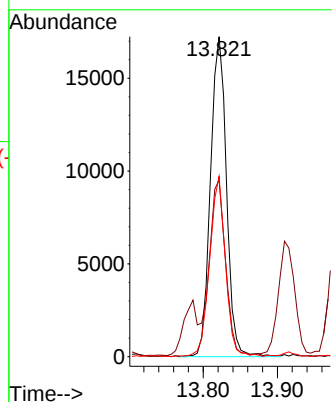
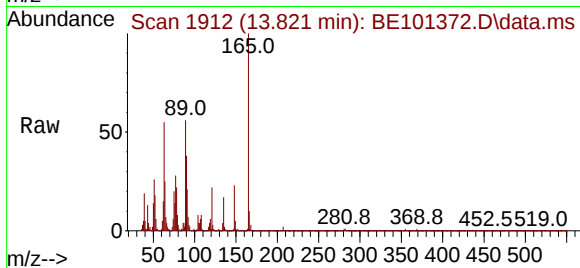




#51
2,6-Dinitrotoluene
Concen: 3.246 ng
RT: 13.821 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

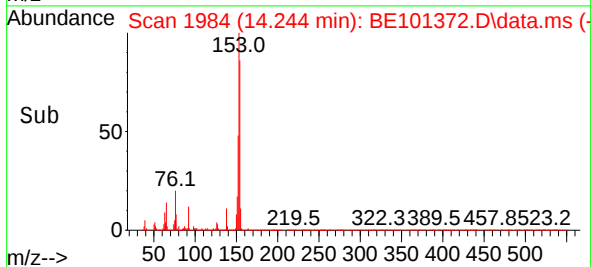
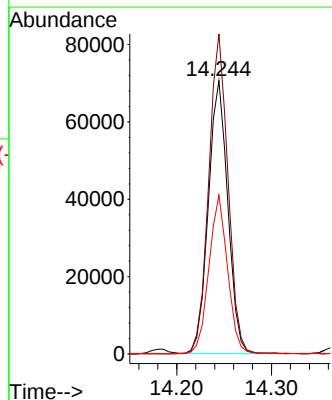
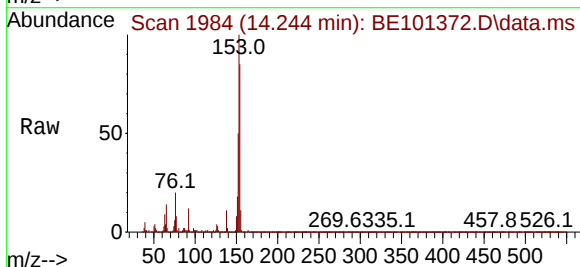
Instrument :
BNA_E
ClientSampleId :

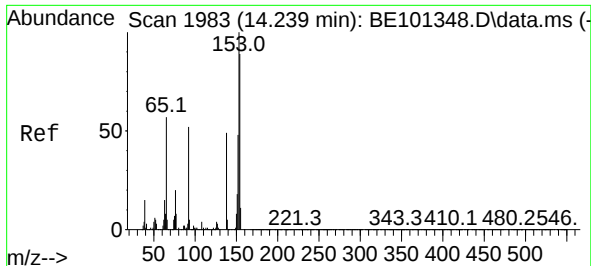
Tgt Ion:165 Resp: 25827
Ion Ratio Lower Upper
165 100
63 55.2 38.5 57.7
89 56.3 40.5 60.7



#52
Acenaphthene
Concen: 3.899 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:154 Resp: 100728
Ion Ratio Lower Upper
154 100
153 117.1 88.8 133.2
152 58.1 43.2 64.8

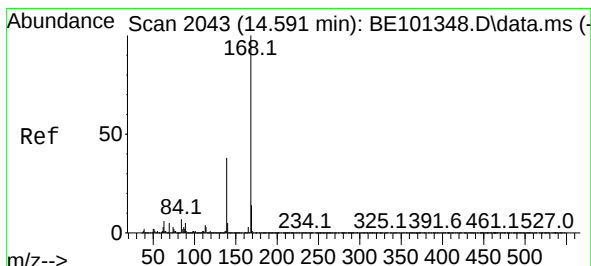
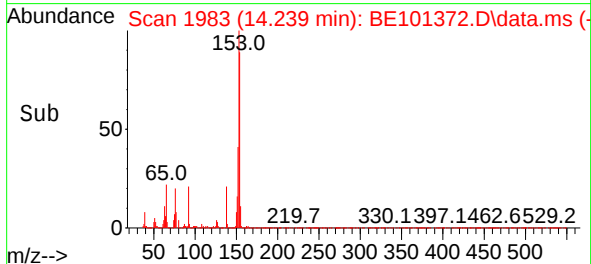
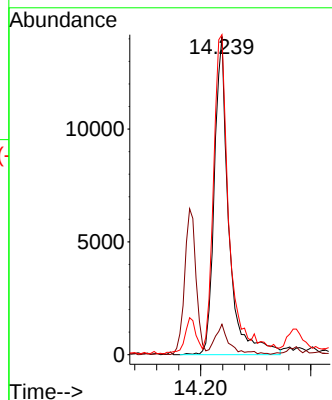
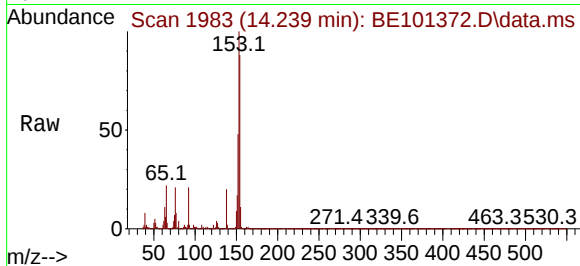




#53
3-Nitroaniline
Concen: 3.138 ng
RT: 14.239 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

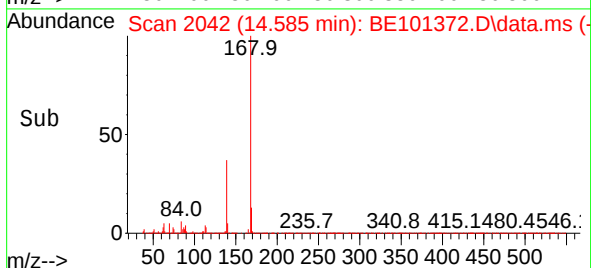
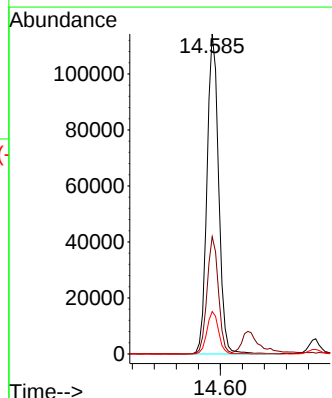
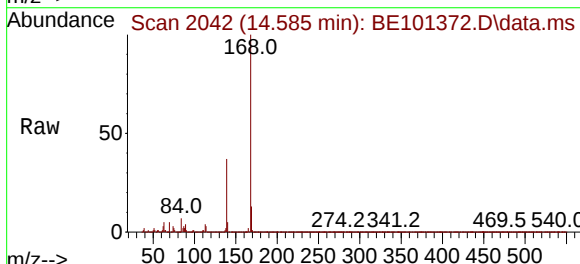
Instrument :
BNA_E
ClientSampleId :

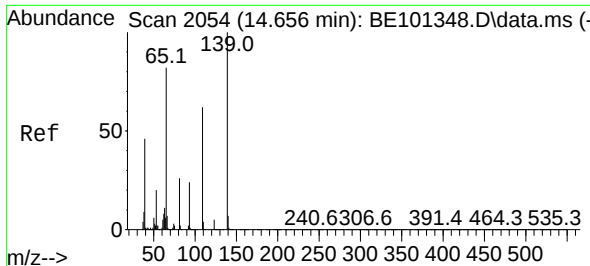
Tgt Ion:138 Resp: 25683
Ion Ratio Lower Upper
138 100
108 9.6 7.2 10.8
92 100.6 85.7 128.5



#55
Dibenzofuran
Concen: 4.104 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:168 Resp: 167469
Ion Ratio Lower Upper
168 100
139 36.7 30.5 45.7
169 13.3 11.4 17.2





#56

4-Nitrophenol

Concen: 2.657 ng

RT: 14.650 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

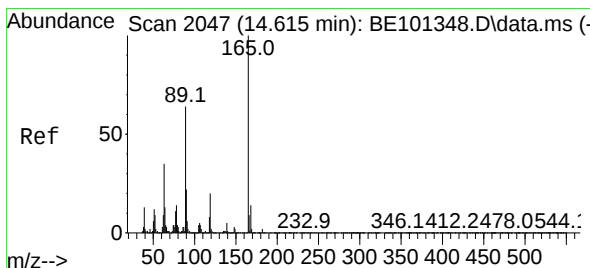
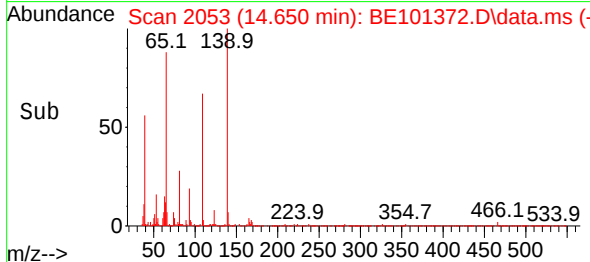
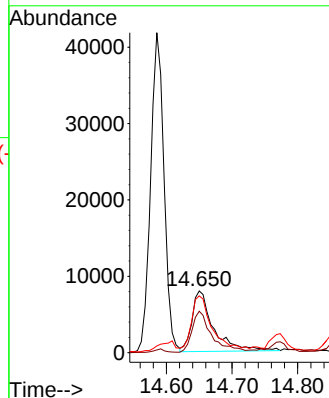
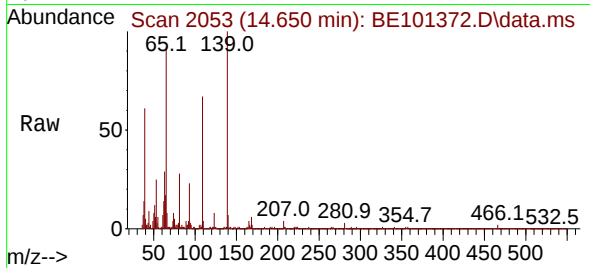
Tgt Ion:139 Resp: 18083

Ion Ratio Lower Upper

139 100

109 67.1 41.9 81.9

65 92.0 63.0 103.0



#57

2,4-Dinitrotoluene

Concen: 2.888 ng

RT: 14.609 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:165 Resp: 31287

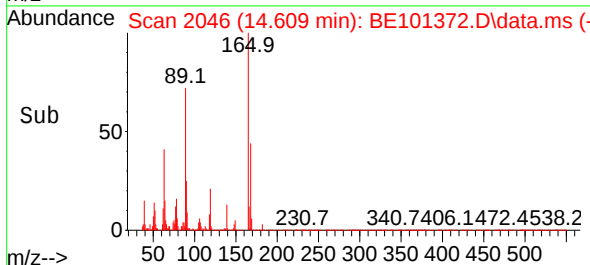
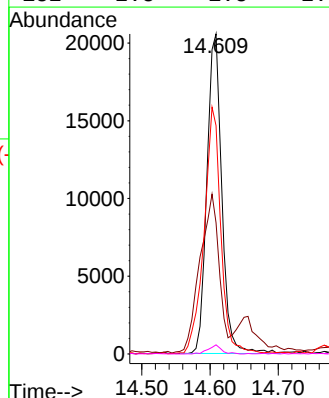
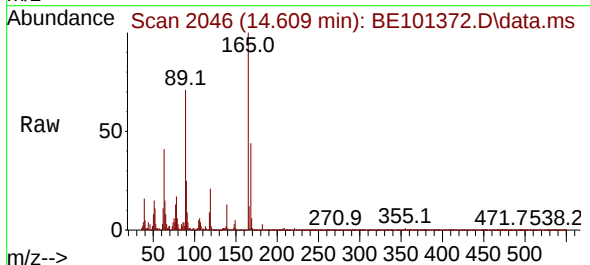
Ion Ratio Lower Upper

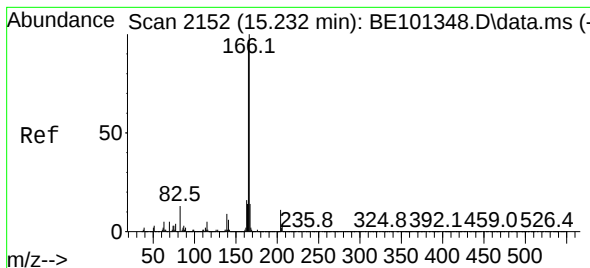
165 100

63 41.0 28.4 42.6

89 71.3 51.0 76.4

182 2.8 1.8 2.8#





#58

Fluorene

Concen: 3.996 ng

RT: 15.226 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

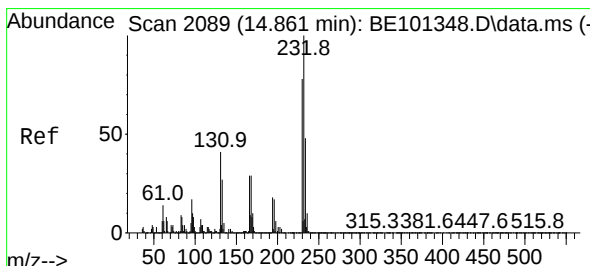
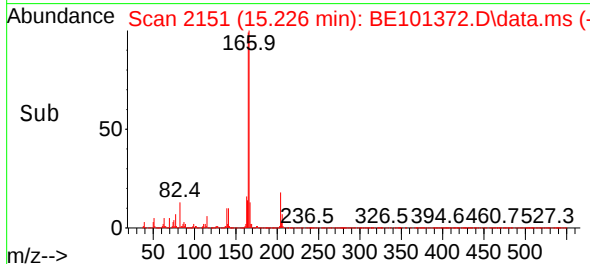
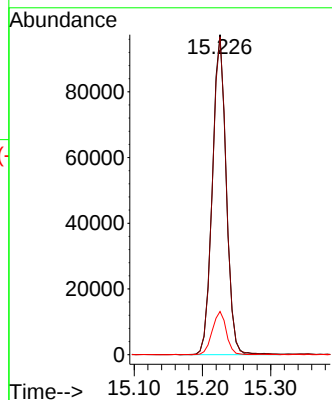
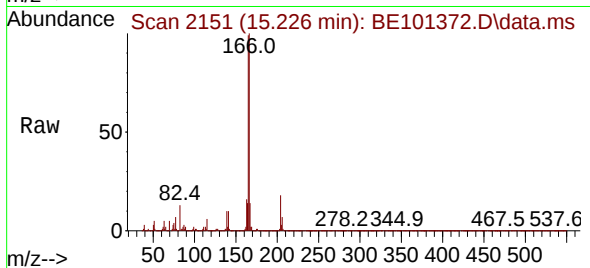
Tgt Ion:166 Resp: 137410

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

167 13.5 11.0 16.6



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.553 ng

RT: 14.855 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:232 Resp: 31870

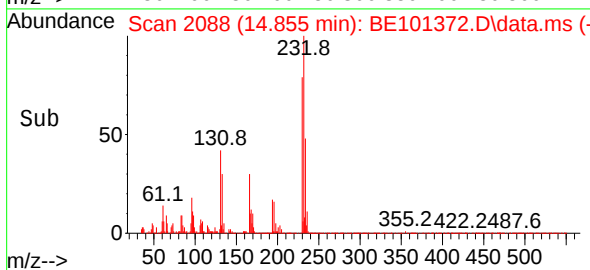
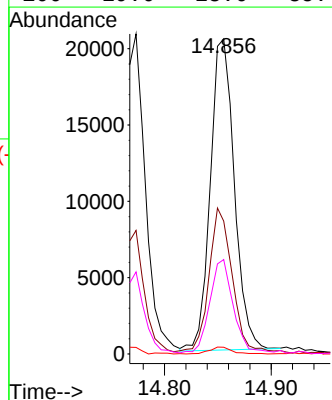
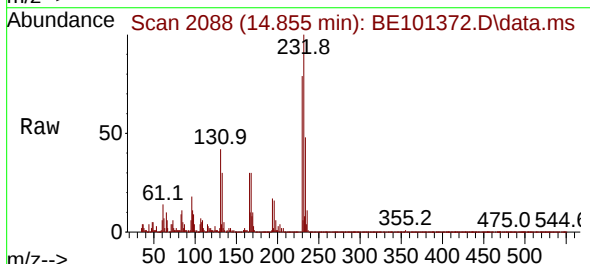
Ion Ratio Lower Upper

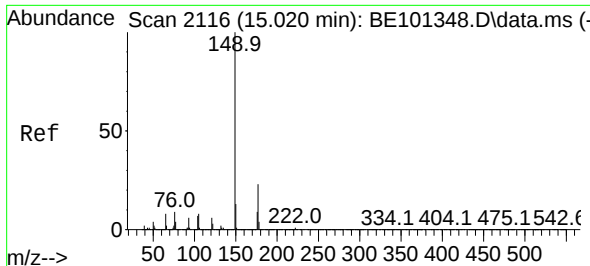
232 100

131 46.0 34.2 51.4

130 2.1 1.8 2.6

166 29.6 23.6 35.4

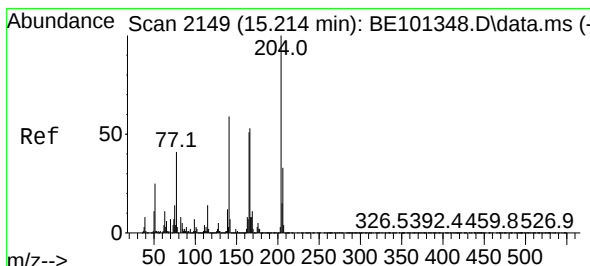
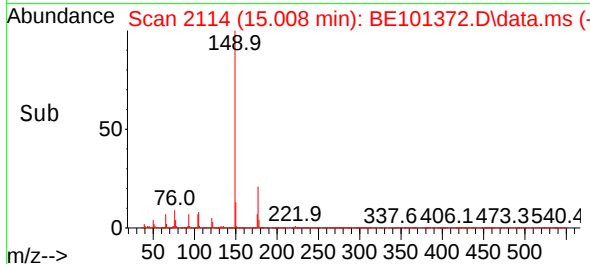
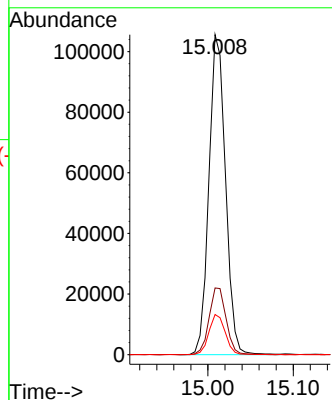
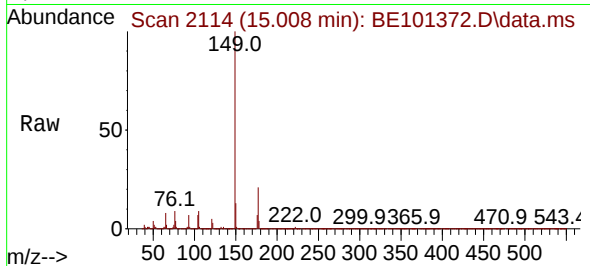




#60
Diethylphthalate
Concen: 3.863 ng
RT: 15.008 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

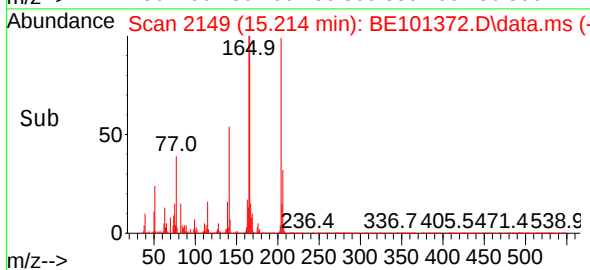
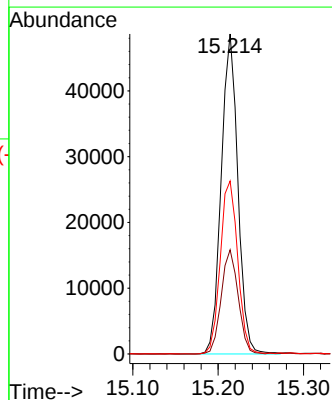
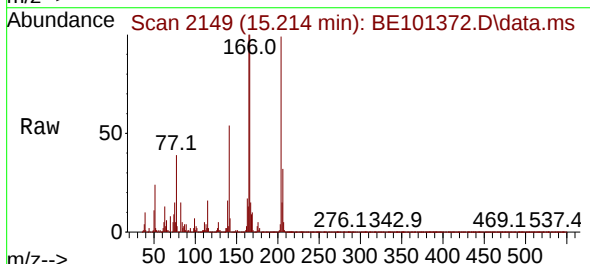
Instrument :
BNA_E
ClientSampleId :

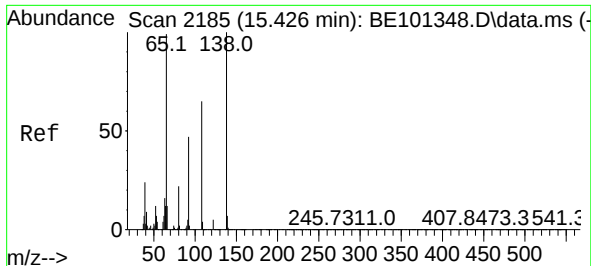
Tgt Ion:149 Resp: 142504
Ion Ratio Lower Upper
149 100
177 20.8 18.4 27.6
150 12.6 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 3.911 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:204 Resp: 65965
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 54.0 47.2 70.8





#62

4-Nitroaniline

Concen: 2.673 ng

RT: 15.420 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BE101372.D

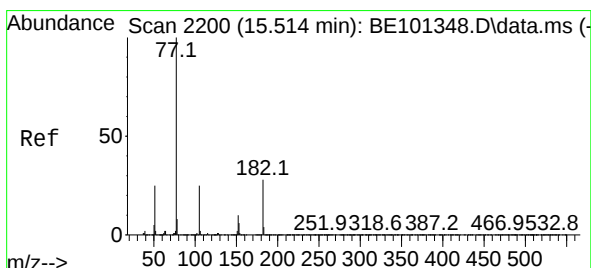
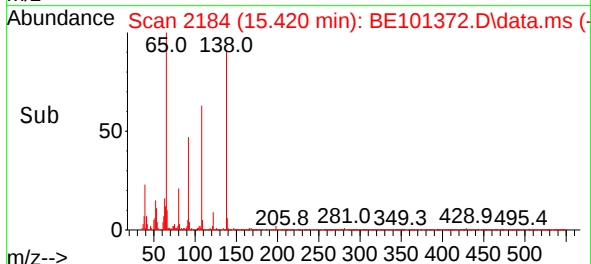
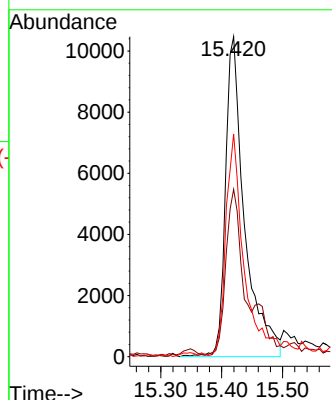
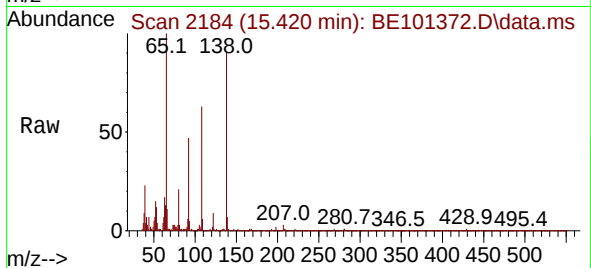
Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:138	Resp:	22801
Ion Ratio	Lower	Upper
138	100	
92	52.3	26.8 66.8
108	69.6	44.7 84.7



#63

Azobenzene

Concen: 3.891 ng

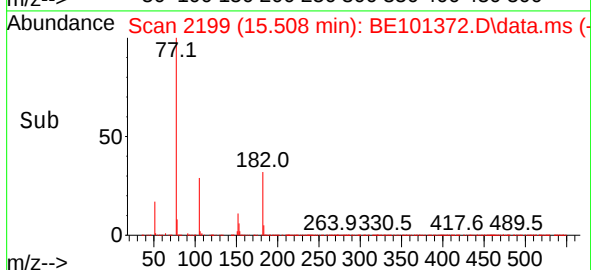
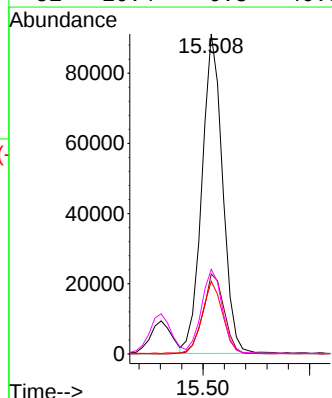
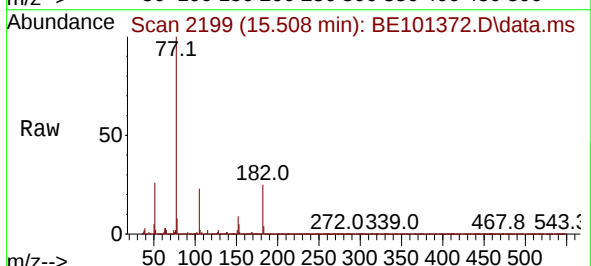
RT: 15.508 min Scan# 2199

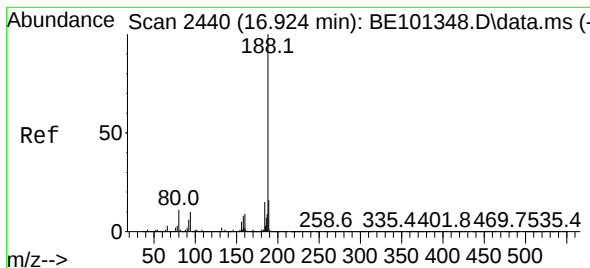
Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion: 77	Resp:	122654
Ion Ratio	Lower	Upper
77	100	
182	25.0	7.8 47.8
105	22.7	4.3 44.3
51	26.4	6.3 46.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.918 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

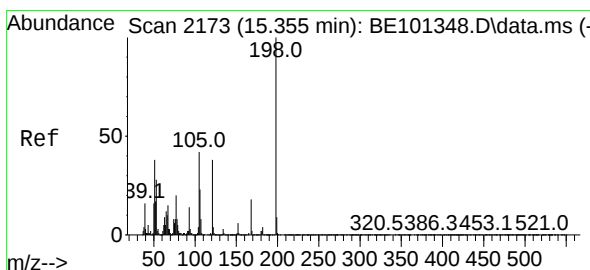
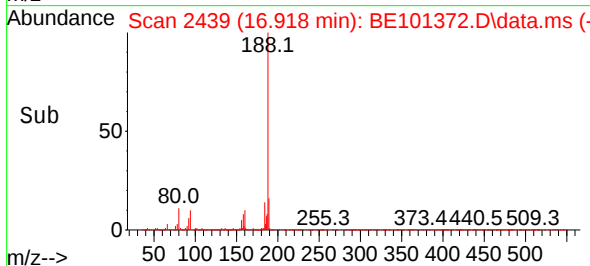
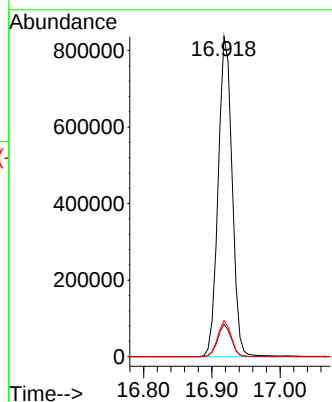
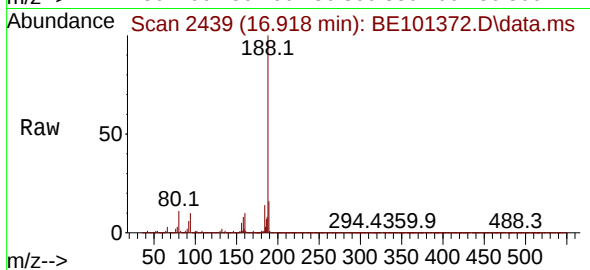
Tgt Ion:188 Resp: 1190901

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 11.3 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 2.140 ng

RT: 15.349 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

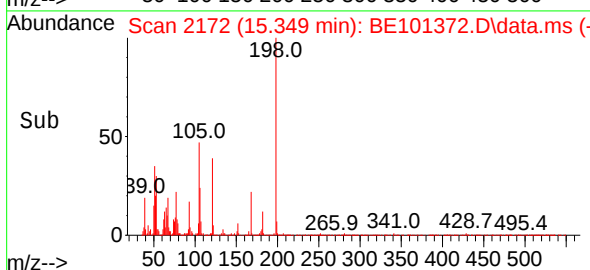
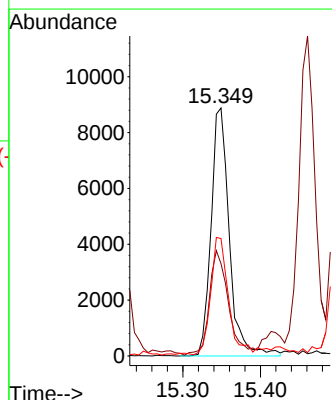
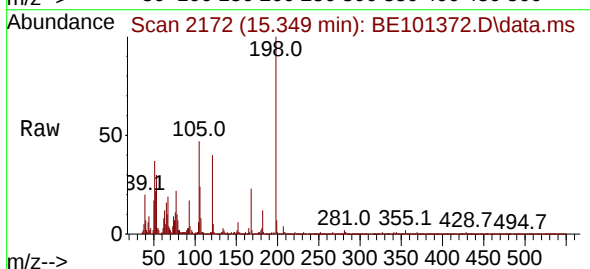
Tgt Ion:198 Resp: 14470

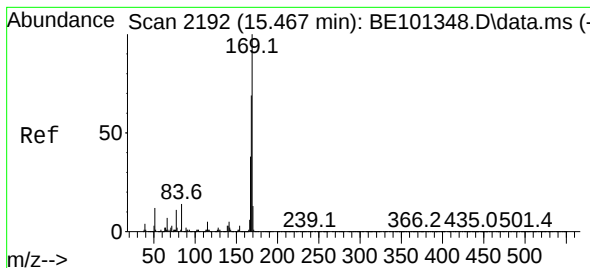
Ion Ratio Lower Upper

198 100

51 37.2 18.1 58.1

105 47.4 22.0 62.0





#66

n-Nitrosodiphenylamine

Concen: 3.808 ng

RT: 15.461 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

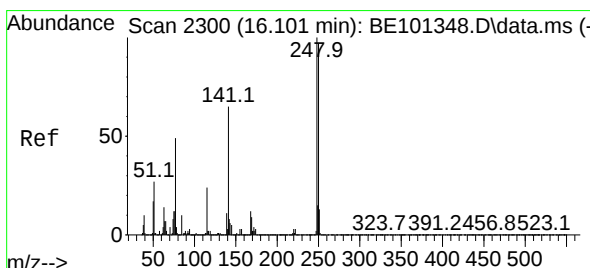
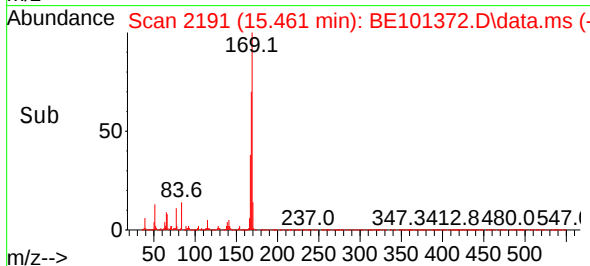
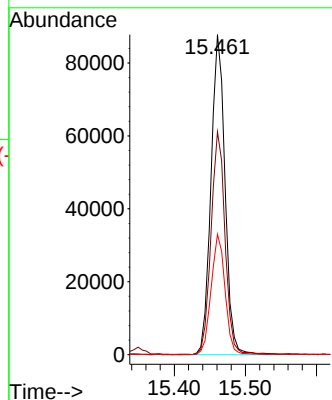
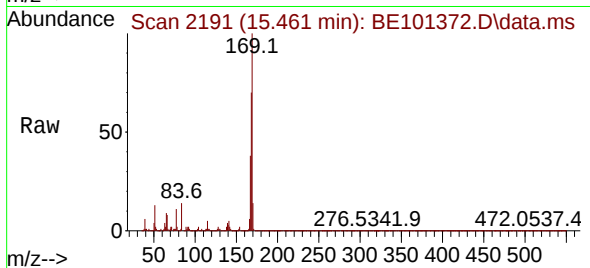
Tgt Ion:169 Resp: 120876

Ion Ratio Lower Upper

169 100

168 69.7 55.1 82.7

167 37.6 30.5 45.7



#67

4-Bromophenyl-phenylether

Concen: 3.572 ng

RT: 16.101 min Scan# 2300

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

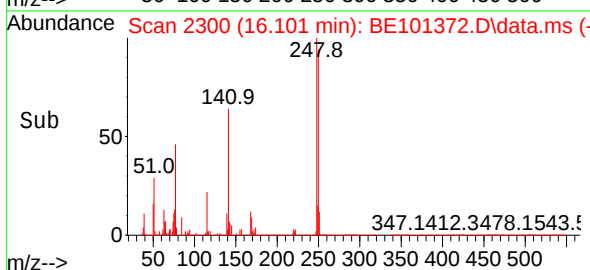
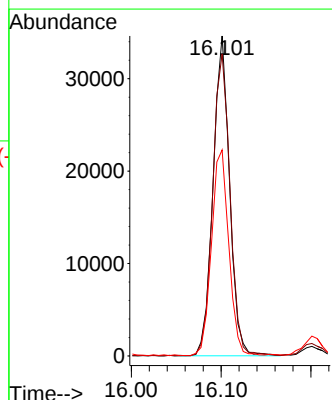
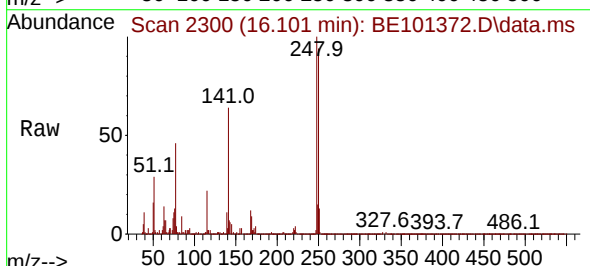
Tgt Ion:248 Resp: 44189

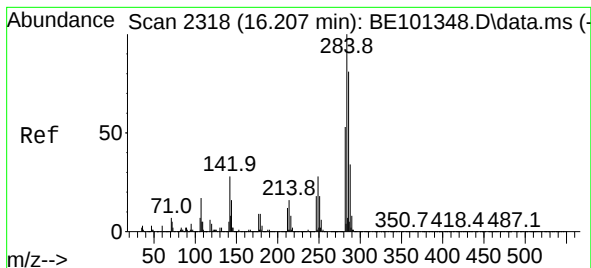
Ion Ratio Lower Upper

248 100

250 94.4 77.7 116.5

141 64.4 51.8 77.8





#68

Hexachlorobenzene

Concen: 3.598 ng

RT: 16.201 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

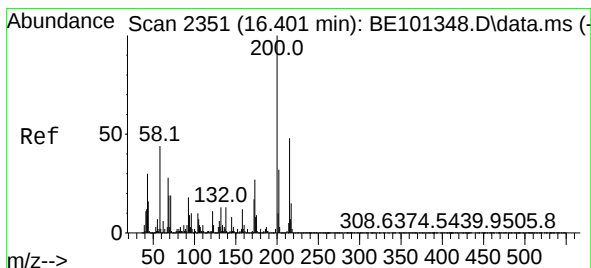
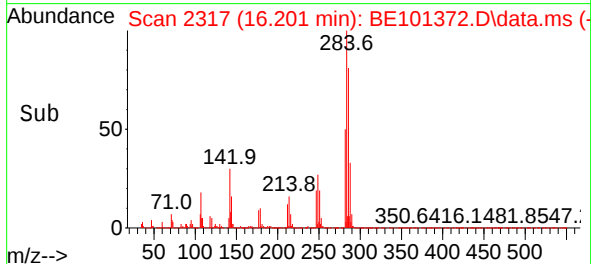
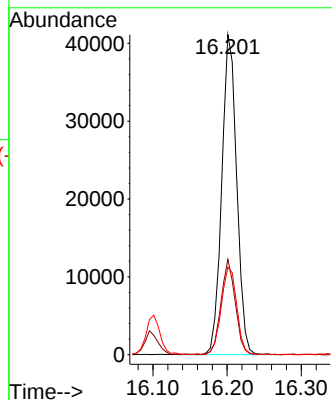
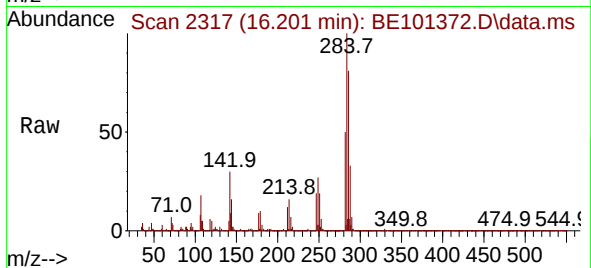
Tgt Ion:284 Resp: 57534

Ion Ratio Lower Upper

284 100

142 29.8 22.1 33.1

249 27.3 22.7 34.1



#69

Atrazine

Concen: 4.206 ng

RT: 16.395 min Scan# 2350

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

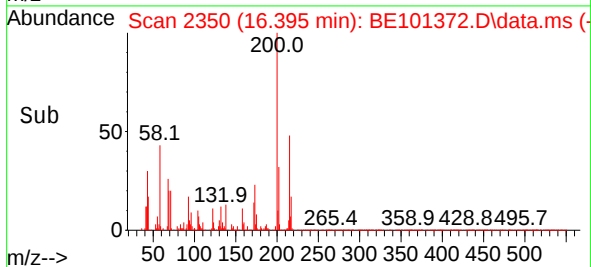
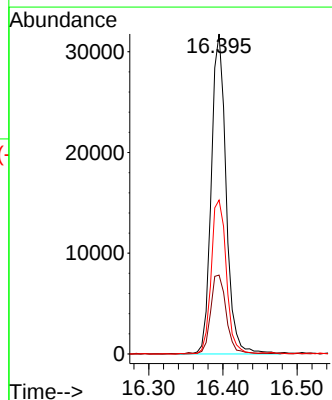
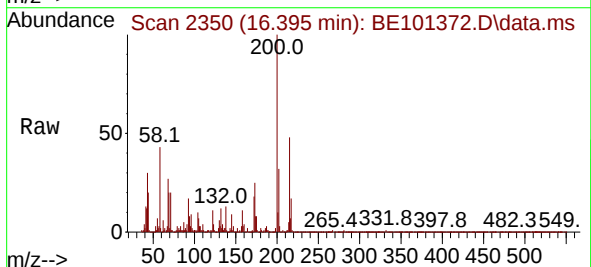
Tgt Ion:200 Resp: 44091

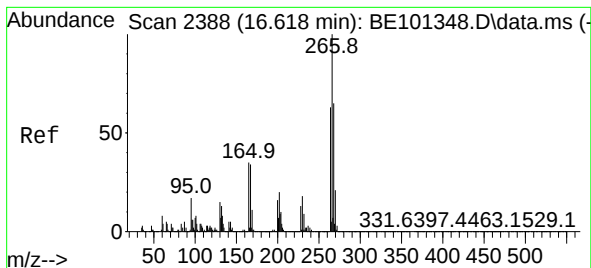
Ion Ratio Lower Upper

200 100

173 24.6 6.9 46.9

215 48.1 27.8 67.8





#70

Pentachlorophenol

Concen: 2.646 ng

RT: 16.612 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BE101372.D

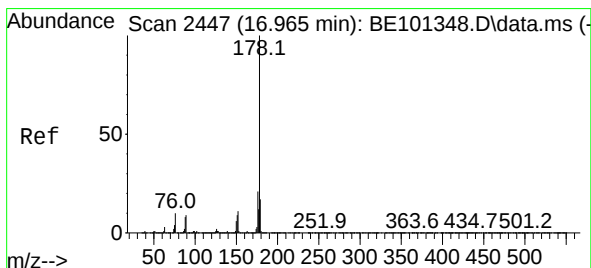
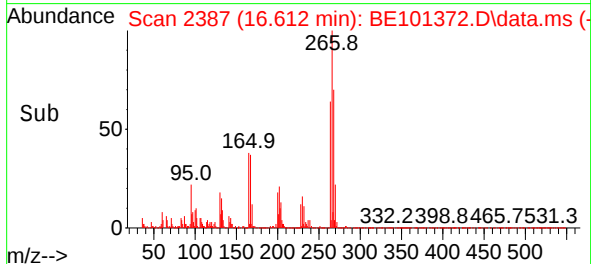
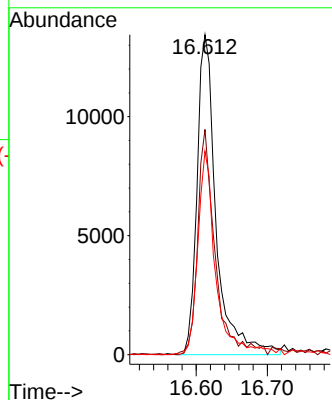
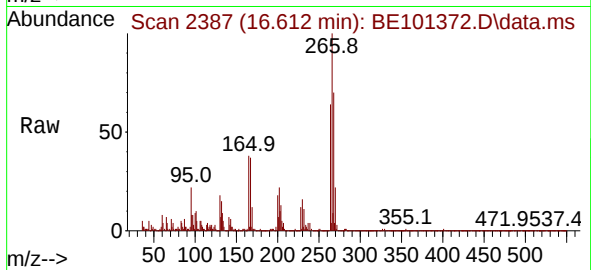
Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:	266	Resp:	25282
Ion Ratio	Lower	Upper	
266	100		
268	74.6	52.2	78.4
264	63.5	50.5	75.7



#71

Phenanthrene

Concen: 4.303 ng

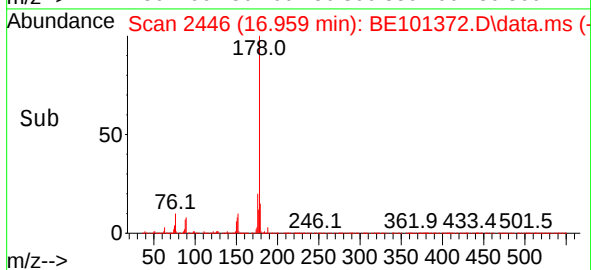
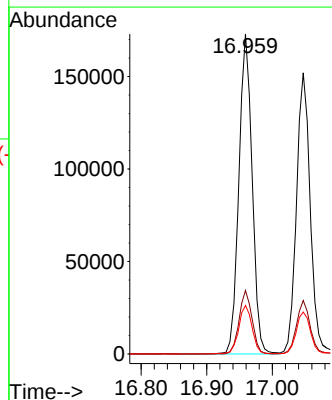
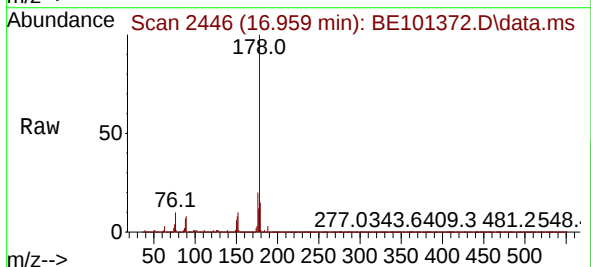
RT: 16.959 min Scan# 2446

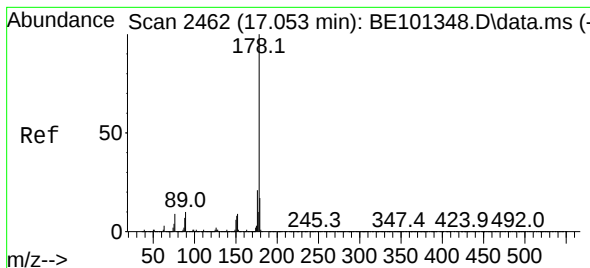
Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:	178	Resp:	243406
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.8	25.2
179	15.1	13.3	19.9





#72

Anthracene

Concen: 4.036 ng

RT: 17.047 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

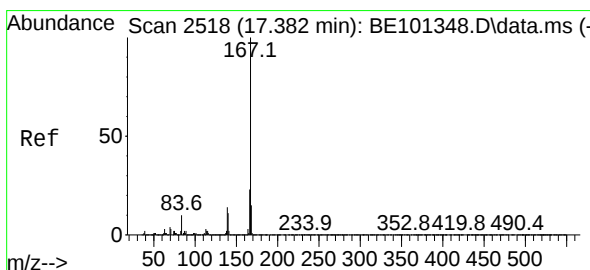
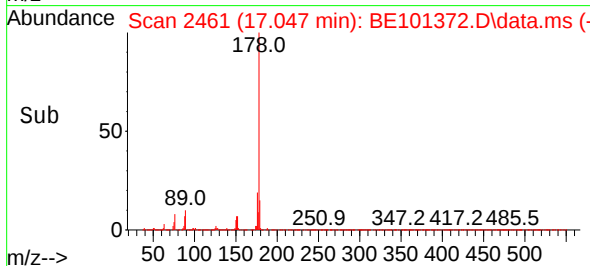
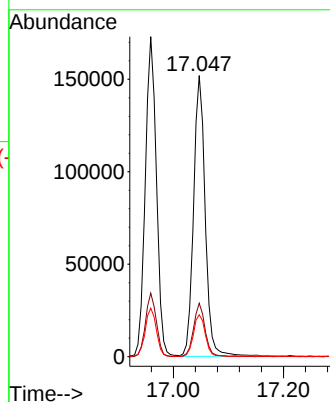
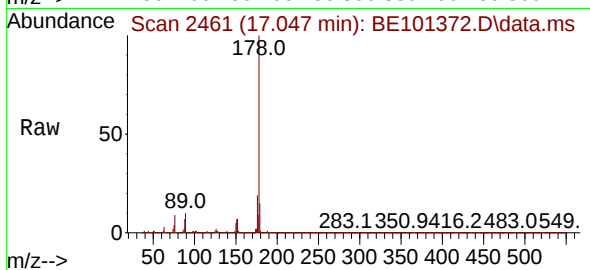
Tgt Ion:178 Resp: 222136

Ion Ratio Lower Upper

178 100

176 19.0 16.4 24.6

179 14.9 13.4 20.0



#73

Carbazole

Concen: 3.935 ng

RT: 17.376 min Scan# 2517

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

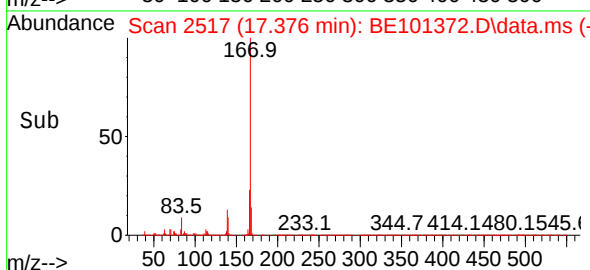
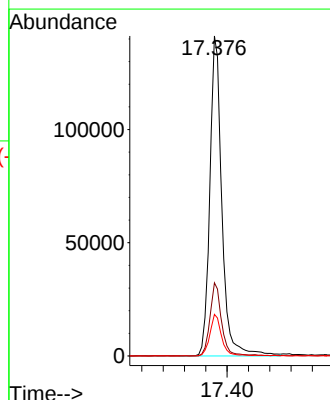
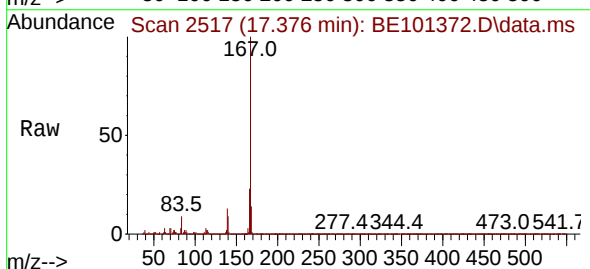
Tgt Ion:167 Resp: 221925

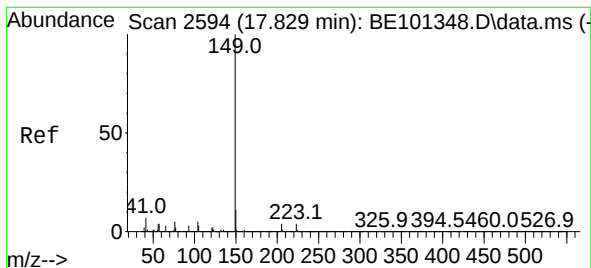
Ion Ratio Lower Upper

167 100

166 22.8 18.4 27.6

139 13.0 11.1 16.7





#74

Di-n-butylphthalate

Concen: 3.796 ng

RT: 17.828 min Scan# 2594

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

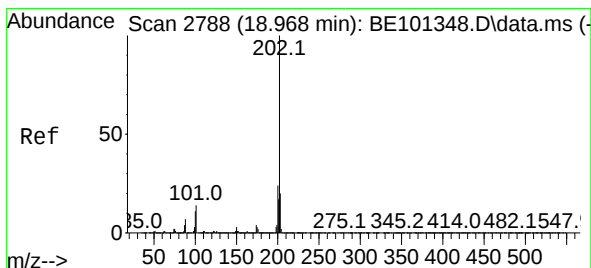
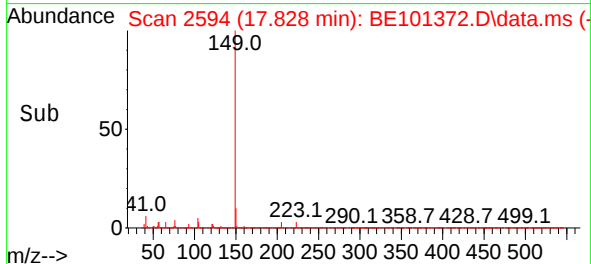
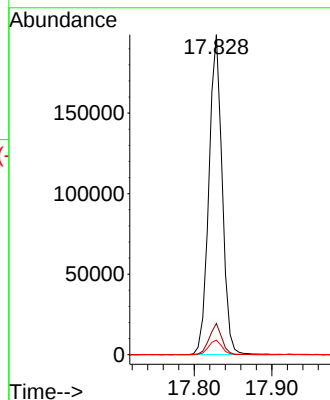
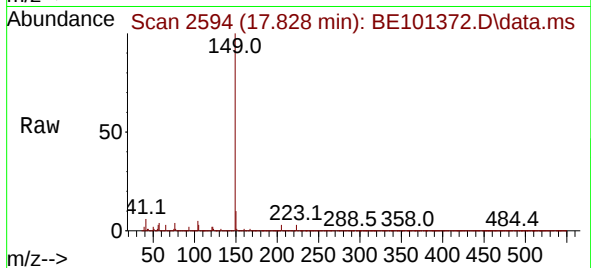
Tgt Ion:149 Resp: 235088

Ion Ratio Lower Upper

149 100

150 9.7 9.0 13.6

104 4.6 4.4 6.6



#75

Fluoranthene

Concen: 4.297 ng

RT: 18.962 min Scan# 2787

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

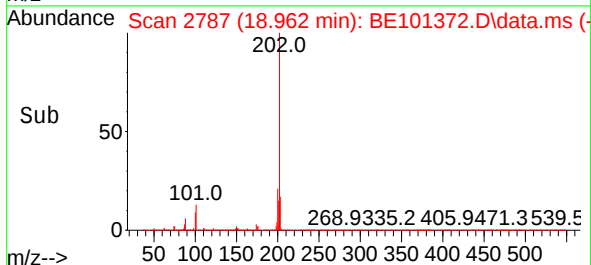
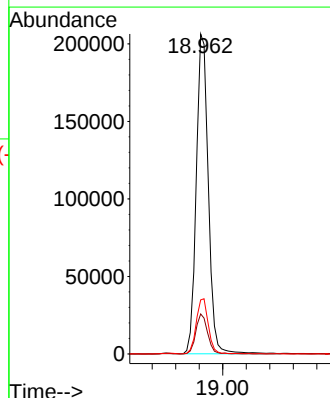
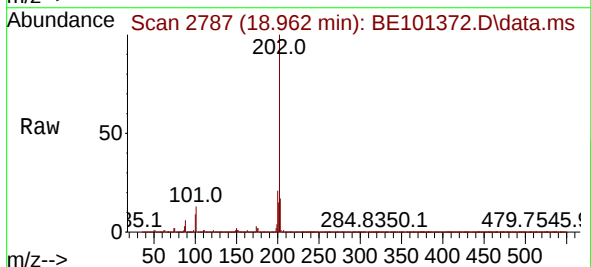
Tgt Ion:202 Resp: 292553

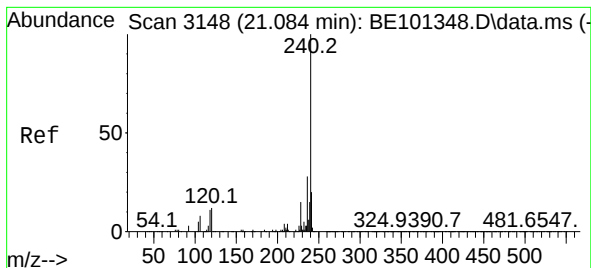
Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.2

203 16.9 0.4 40.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.084 min Scan# 3148

Delta R.T. -0.000 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

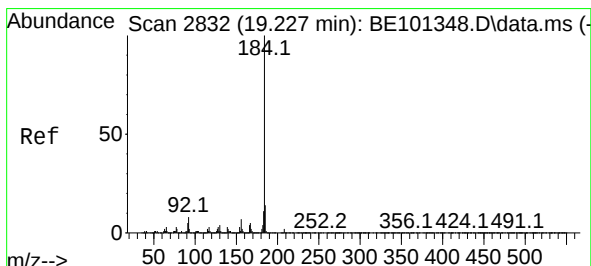
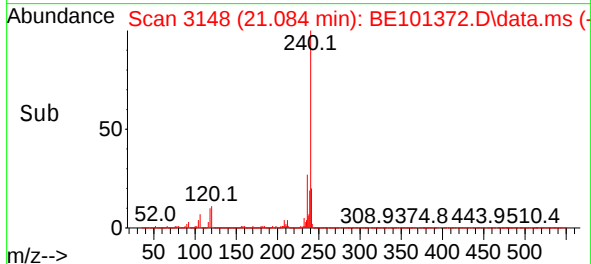
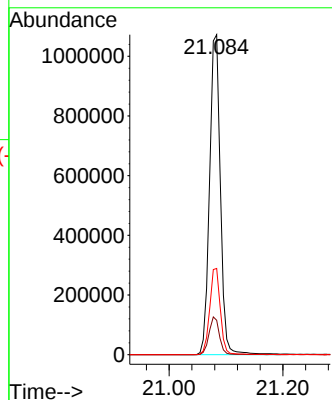
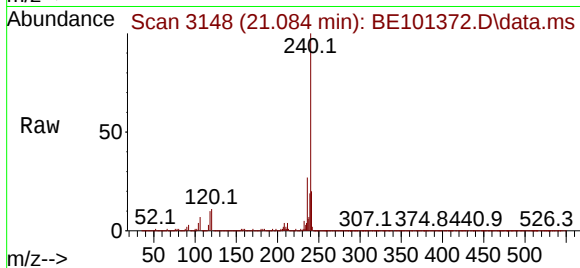
Tgt Ion:240 Resp: 1409086

Ion Ratio Lower Upper

240 100

120 10.8 9.8 14.8

236 27.0 22.1 33.1



#77

Benzidine

Concen: 3.016 ng

RT: 19.221 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

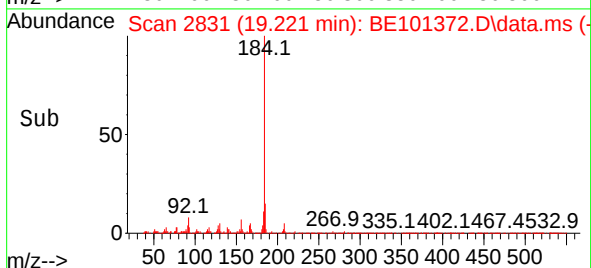
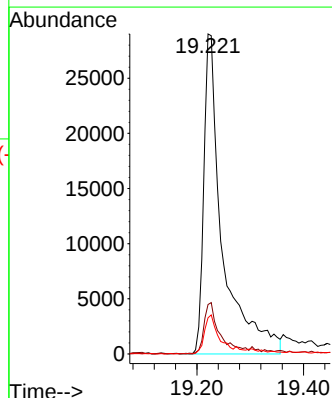
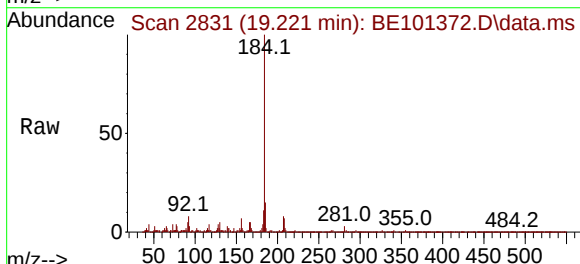
Tgt Ion:184 Resp: 70537

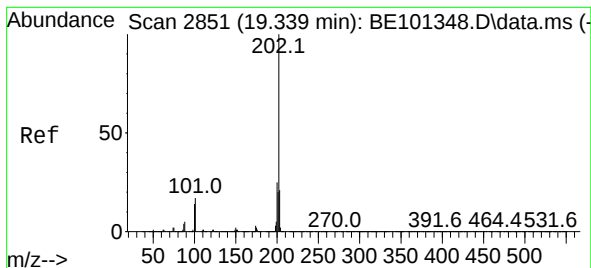
Ion Ratio Lower Upper

184 100

185 15.4 11.4 17.2

183 11.3 9.1 13.7





#78

Pyrene

Concen: 4.033 ng

RT: 19.333 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

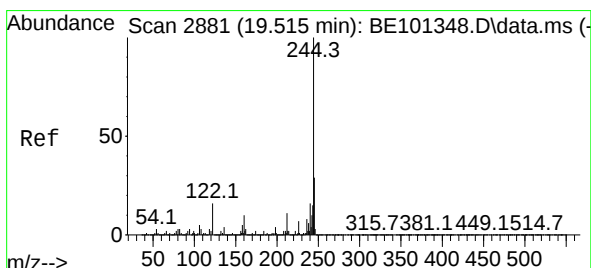
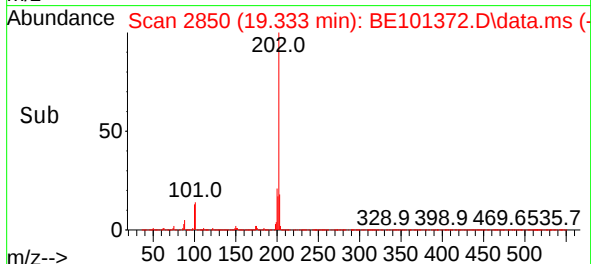
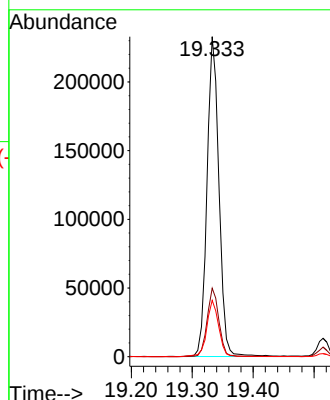
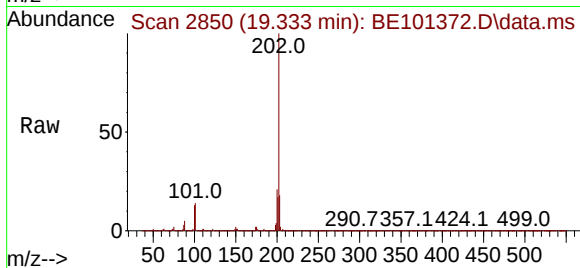
Instrument :

BNA_E

ClientSampleId :

Tgt Ion:202 Resp: 316081

Ion	Ratio	Lower	Upper
202	100		
200	21.4	20.2	30.2
203	17.6	16.6	25.0



#79

Terphenyl-d14

Concen: 65.612 ng

RT: 19.515 min Scan# 2881

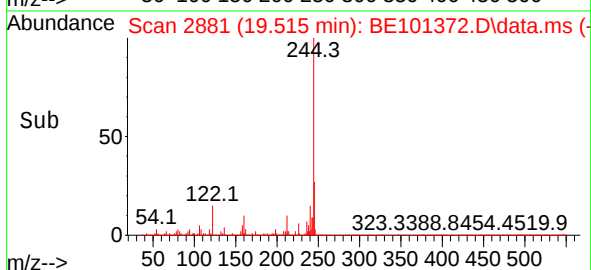
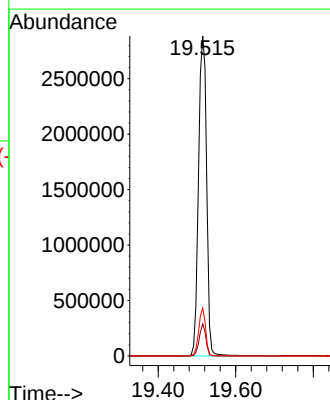
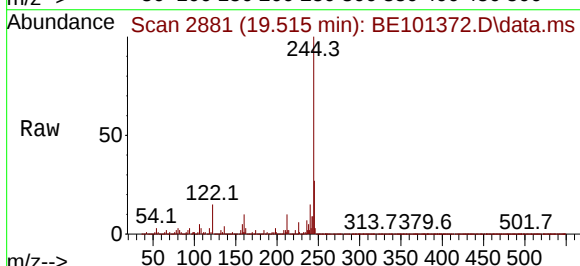
Delta R.T. -0.000 min

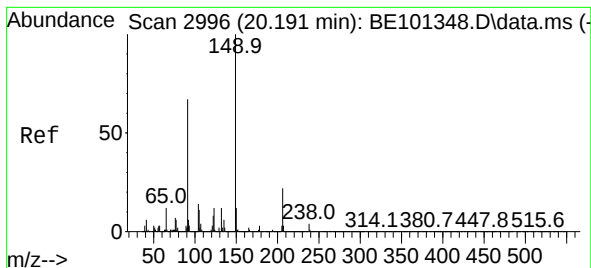
Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Tgt Ion:244 Resp: 4169591

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.5	12.7
122	15.0	13.1	19.7





#80

Butylbenzylphthalate

Concen: 3.477 ng

RT: 20.185 min Scan# 20

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

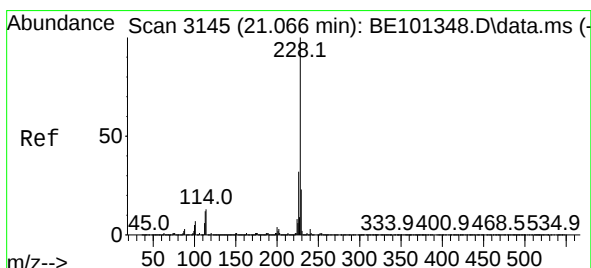
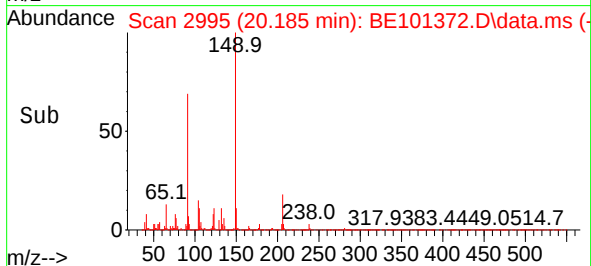
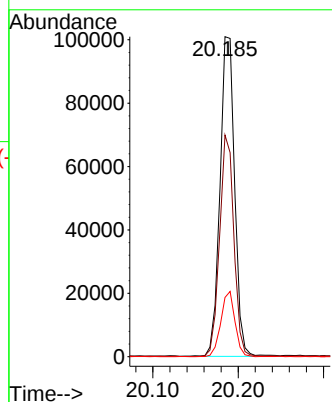
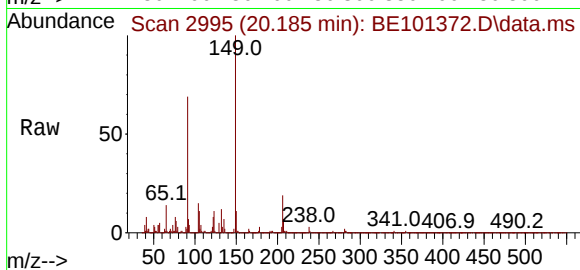
Tgt Ion:149 Resp: 120637

Ion Ratio Lower Upper

149 100

91 69.2 53.4 80.2

206 18.5 17.4 26.0



#81

Benzo(a)anthracene

Concen: 4.348 ng

RT: 21.060 min Scan# 3144

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

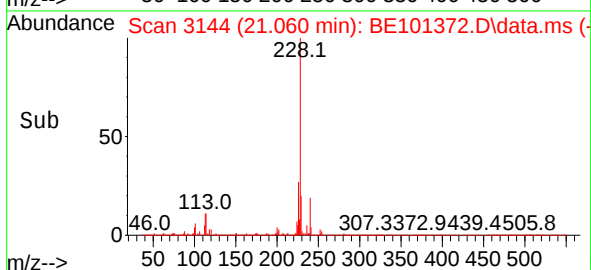
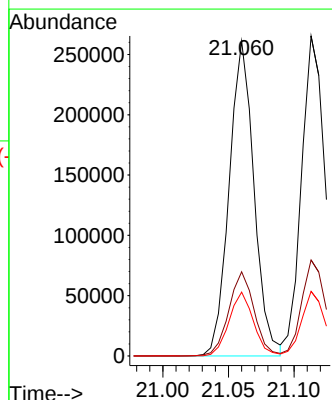
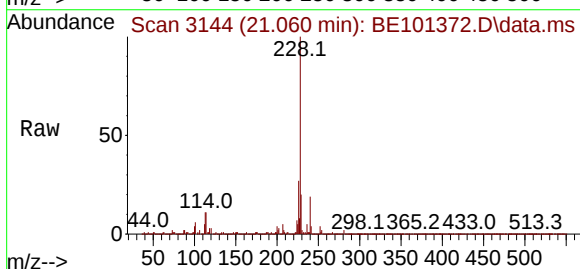
Tgt Ion:228 Resp: 344030

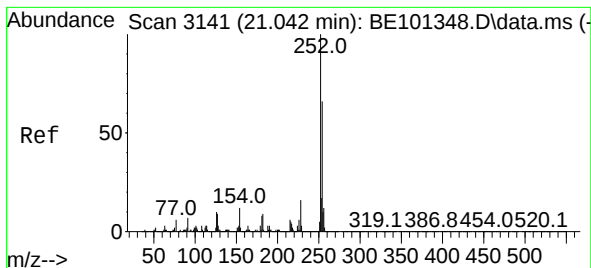
Ion Ratio Lower Upper

228 100

226 26.7 25.7 38.5

229 20.3 18.6 28.0





#82

3,3'-Dichlorobenzidine

Concen: 3.461 ng

RT: 21.037 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

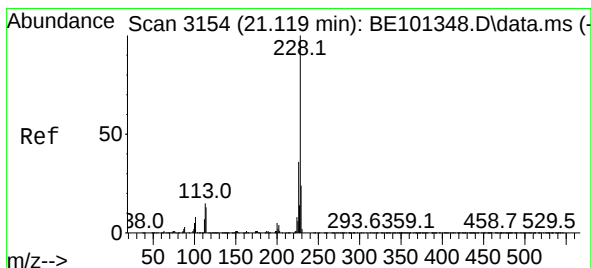
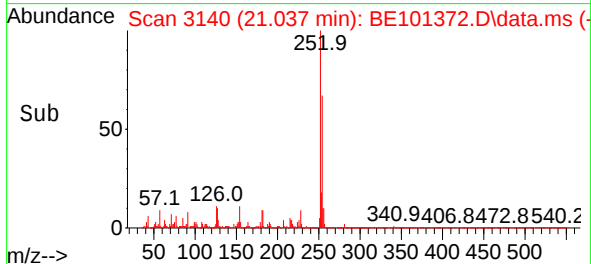
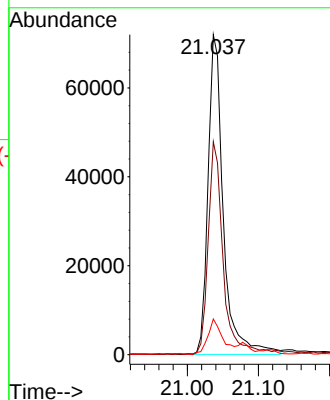
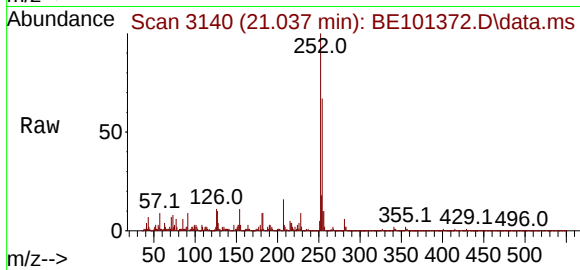
Tgt Ion:252 Resp: 107328

Ion Ratio Lower Upper

252 100

254 66.5 52.5 78.7

126 11.1 8.0 12.0



#83

Chrysene

Concen: 4.426 ng

RT: 21.113 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

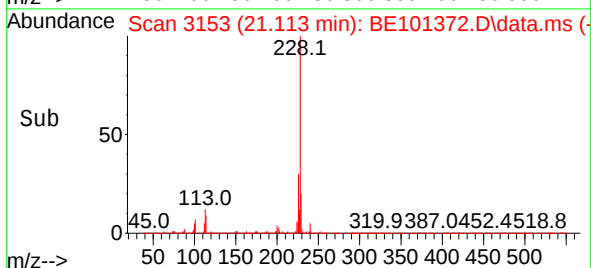
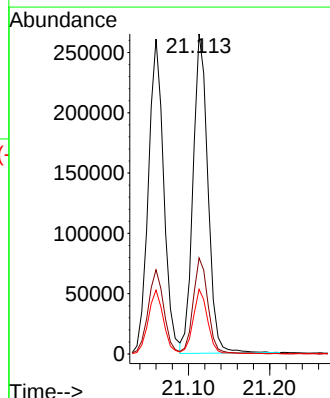
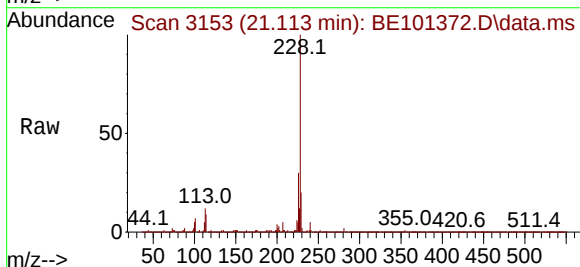
Tgt Ion:228 Resp: 336466

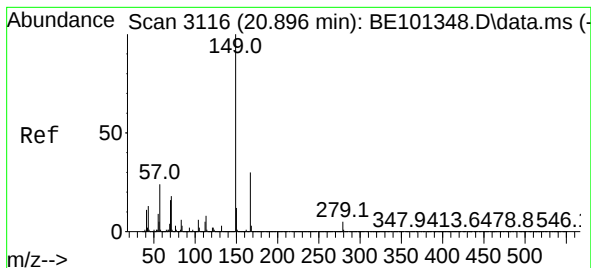
Ion Ratio Lower Upper

228 100

226 30.0 28.4 42.6

229 20.2 19.0 28.4

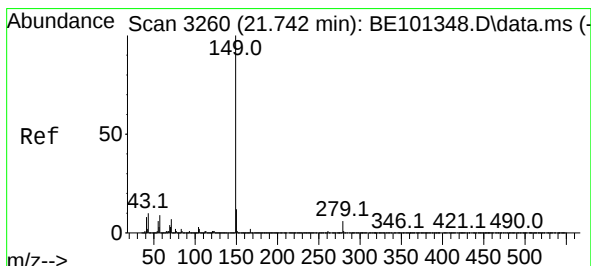
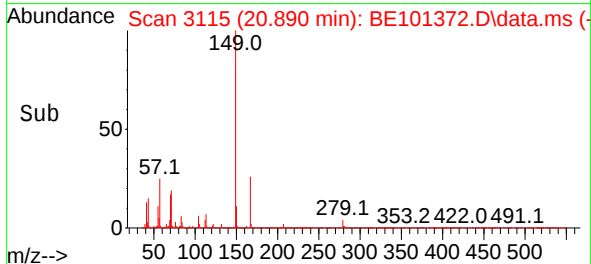
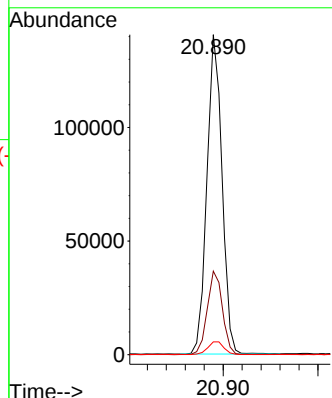
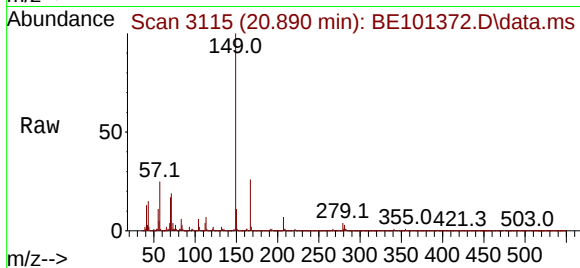




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.388 ng
 RT: 20.890 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BE101372.D
 Acq: 19 Sep 2024 10:29

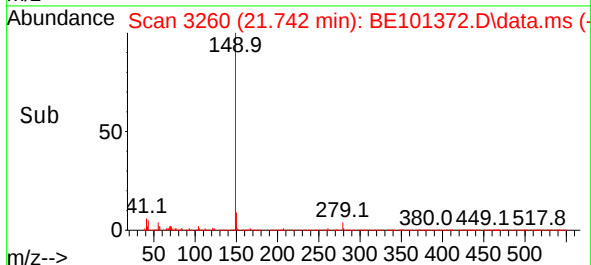
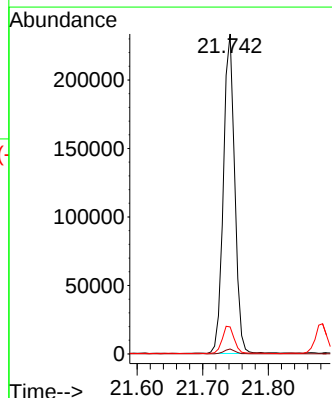
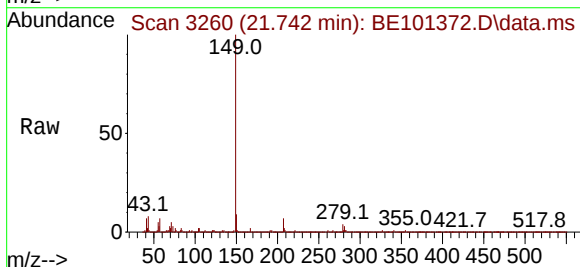
Instrument :
 BNA_E
 ClientSampleId :

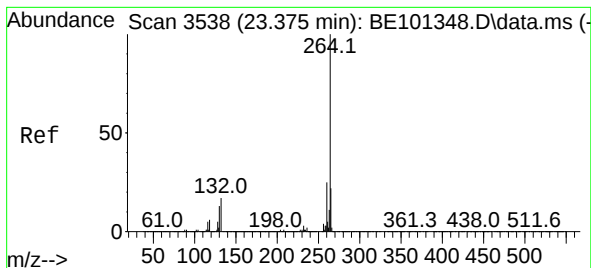
Tgt Ion:149 Resp: 155434
 Ion Ratio Lower Upper
 149 100
 167 26.1 23.9 35.9
 279 4.0 4.2 6.4#



#85
 Di-n-octyl phthalate
 Concen: 3.705 ng
 RT: 21.742 min Scan# 3260
 Delta R.T. -0.000 min
 Lab File: BE101372.D
 Acq: 19 Sep 2024 10:29

Tgt Ion:149 Resp: 277448
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 8.9 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.369 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

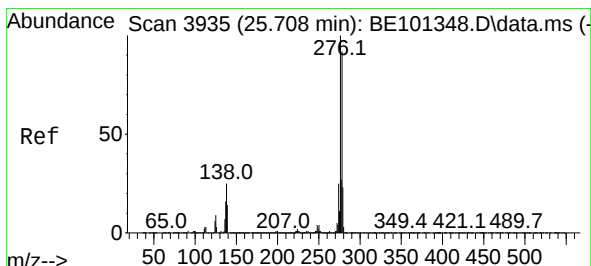
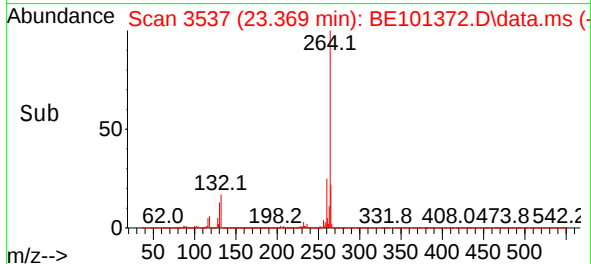
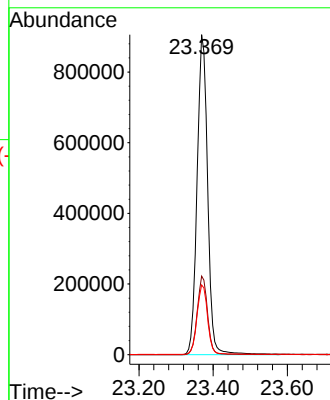
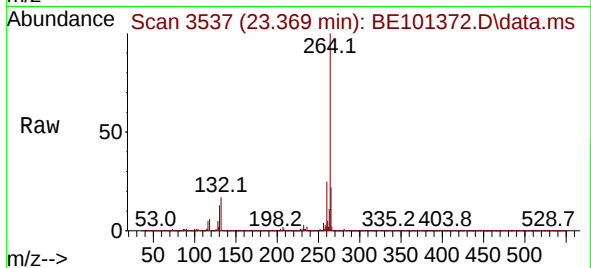
Tgt Ion:264 Resp: 1788371

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 21.8 17.8 26.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.069 ng

RT: 25.678 min Scan# 3930

Delta R.T. -0.029 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

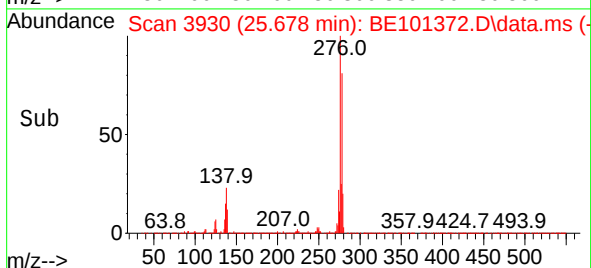
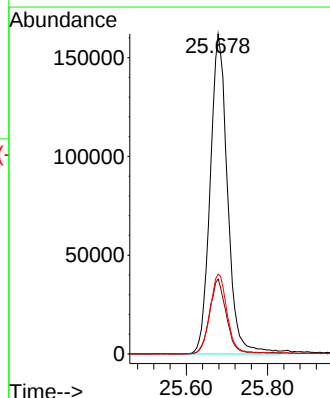
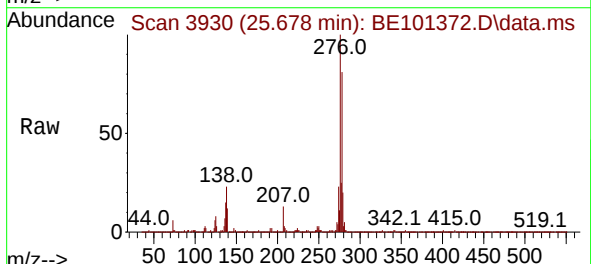
Tgt Ion:276 Resp: 479395

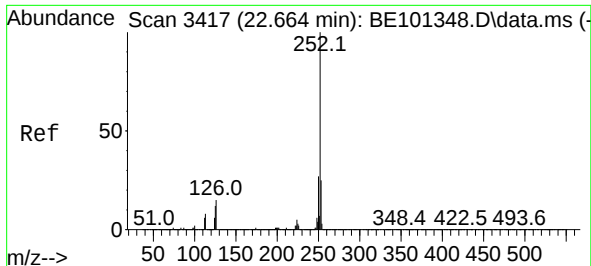
Ion Ratio Lower Upper

276 100

138 22.6 19.2 28.8

277 24.6 20.8 31.2

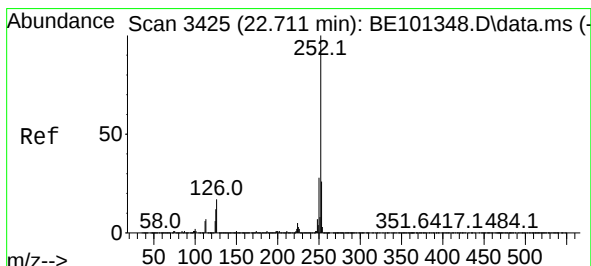
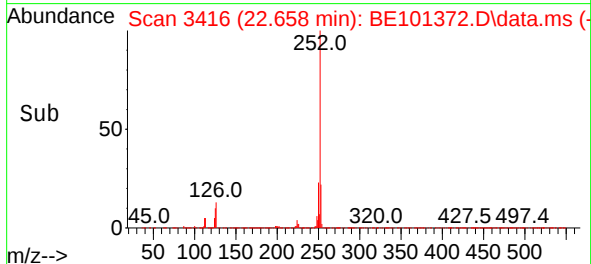
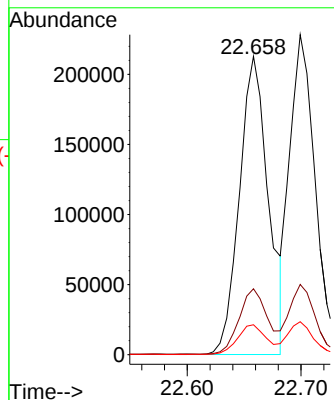
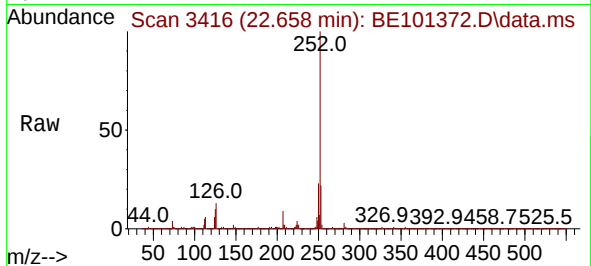




#88
Benzo(b)fluoranthene
Concen: 4.065 ng
RT: 22.658 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

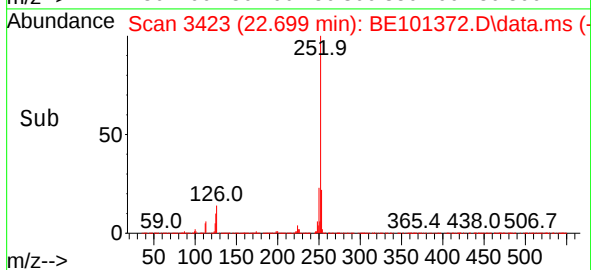
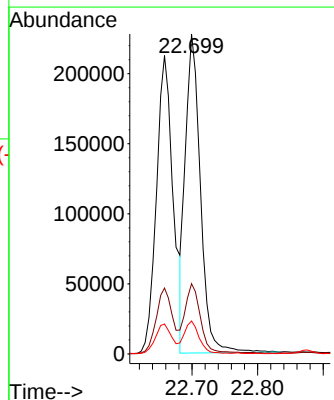
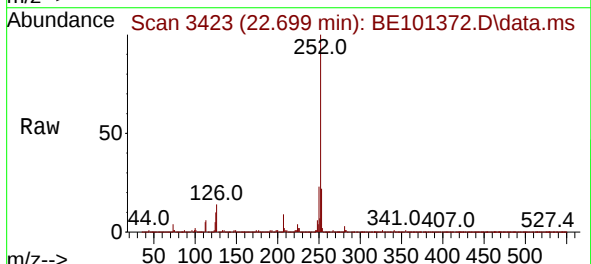
Instrument :
BNA_E
ClientSampleId :

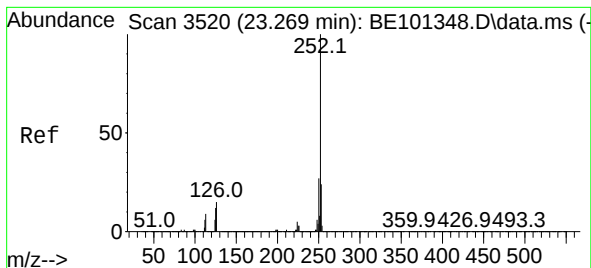
Tgt Ion:252 Resp: 376536
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.2
125 10.0 9.4 14.0



#89
Benzo(k)fluoranthene
Concen: 4.142 ng
RT: 22.699 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BE101372.D
Acq: 19 Sep 2024 10:29

Tgt Ion:252 Resp: 362073
Ion Ratio Lower Upper
252 100
253 22.0 20.2 30.4
125 10.3 9.4 14.0





#90

Benzo(a)pyrene

Concen: 4.088 ng

RT: 23.257 min Scan# 3

Delta R.T. -0.012 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

Instrument :

BNA_E

ClientSampleId :

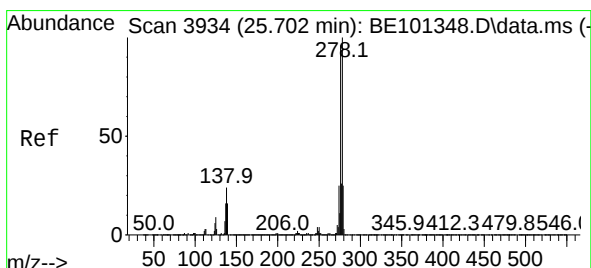
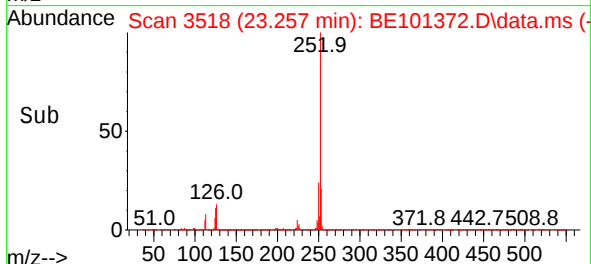
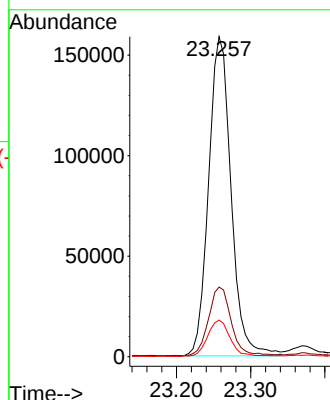
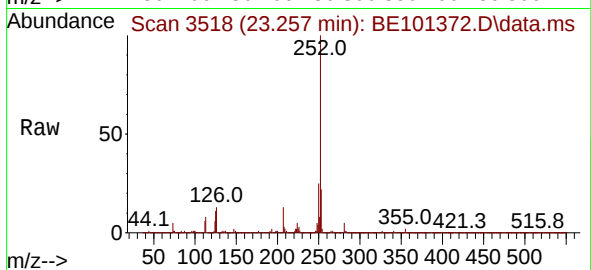
Tgt Ion:252 Resp: 334201

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.6

125 11.4 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 3.953 ng

RT: 25.672 min Scan# 3929

Delta R.T. -0.029 min

Lab File: BE101372.D

Acq: 19 Sep 2024 10:29

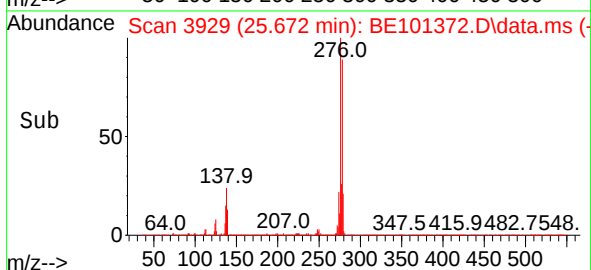
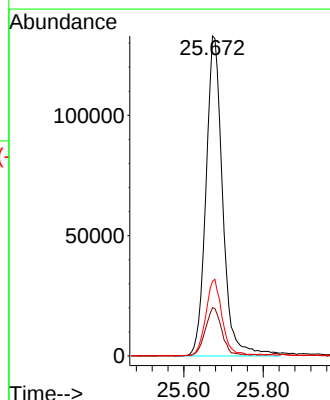
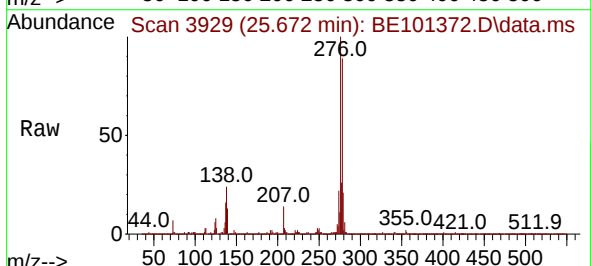
Tgt Ion:278 Resp: 389897

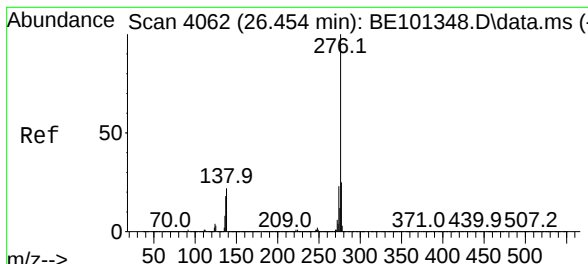
Ion Ratio Lower Upper

278 100

139 15.1 12.4 18.6

279 23.3 19.8 29.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.702 ng
 RT: 26.424 min Scan# 4057
 Delta R.T. -0.029 min
 Lab File: BE101372.D
 Acq: 19 Sep 2024 10:29

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion: 276 Resp: 370756

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	20.1	17.4	26.0

