

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101461.D
 Acq On : 4 Nov 2024 18:38
 Operator : RC/JU
 Sample : P4675-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-4MSD

Quant Time: Nov 04 22:06:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	62622	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	255715	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	157541	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	337929	20.000	ng	0.00
76) Chrysene-d12	21.077	240	477689	20.000	ng	0.00
86) Perylene-d12	23.369	264	708395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	408440	114.314	ng	0.00
7) Phenol-d6	6.953	99	536001	108.190	ng	0.00
23) Nitrobenzene-d5	8.780	82	298216	73.248	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	318565	115.373	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	742733	79.842	ng	0.00
79) Terphenyl-d14	19.508	244	1494281	71.996	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	68776	51.610	ng	99
3) Pyridine	3.627	79	178731	47.406	ng	97
4) n-Nitrosodimethylamine	3.551	42	78210	53.614	ng	100
6) Aniline	7.005	93	196060	51.637	ng	94
8) 2-Chlorophenol	7.217	128	215120	50.199	ng	100
9) Benzaldehyde	6.782	77	26242	10.973	ng	94
10) Phenol	6.976	94	278337	51.779	ng	99
11) bis(2-Chloroethyl)ether	7.035	93	176218	39.961	ng	99
12) 1,3-Dichlorobenzene	7.458	146	224770	48.642	ng	99
13) 1,4-Dichlorobenzene	7.605	146	229154	48.562	ng	99
14) 1,2-Dichlorobenzene	7.934	146	220124	47.656	ng	100
15) Benzyl Alcohol	7.910	79	140573	47.601	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.063	45	254495	45.859	ng	98
17) 2-Methylphenol	8.157	107	167301	45.985	ng	100
18) Hexachloroethane	8.627	117	76316	49.524	ng	98
19) n-Nitroso-di-n-propyla...	8.369	70	143999	43.801	ng	100
20) 3+4-Methylphenols	8.492	107	227137	45.228	ng	99
22) Acetophenone	8.421	105	293420	50.535	ng	# 99
24) Nitrobenzene	8.821	77	210910	48.672	ng	98
25) Isophorone	9.273	82	380062	47.838	ng	99
26) 2-Nitrophenol	9.508	139	116119	55.443	ng	97
27) 2,4-Dimethylphenol	9.626	122	165380	62.752	ng	99
28) bis(2-Chloroethoxy)met...	9.773	93	234853	48.745	ng	99
29) 2,4-Dichlorophenol	10.061	162	192661	52.842	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	196306	49.424	ng	100
31) Naphthalene	10.384	128	641376	49.219	ng	100
32) Benzoic acid	9.884	122	75479	31.291	ng	97
33) 4-Chloroaniline	10.607	127	118734	26.203	ng	99
34) Hexachlorobutadiene	10.631	225	121358	51.620	ng	99
35) Caprolactam	11.400	113	34806	24.904	ng	98
36) 4-Chloro-3-methylphenol	11.788	107	194857	46.938	ng	99
37) 2-Methylnaphthalene	11.976	142	446513	47.561	ng	99
38) 1-Methylnaphthalene	12.205	142	417324	44.539	ng	97
40) 1,2,4,5-Tetrachloroben...	12.334	216	219234	55.434	ng	99
41) Hexachlorocyclopentadiene	12.317	237	246178	188.479	ng	99
43) 2,4,6-Trichlorophenol	12.652	196	155437	57.012	ng	99

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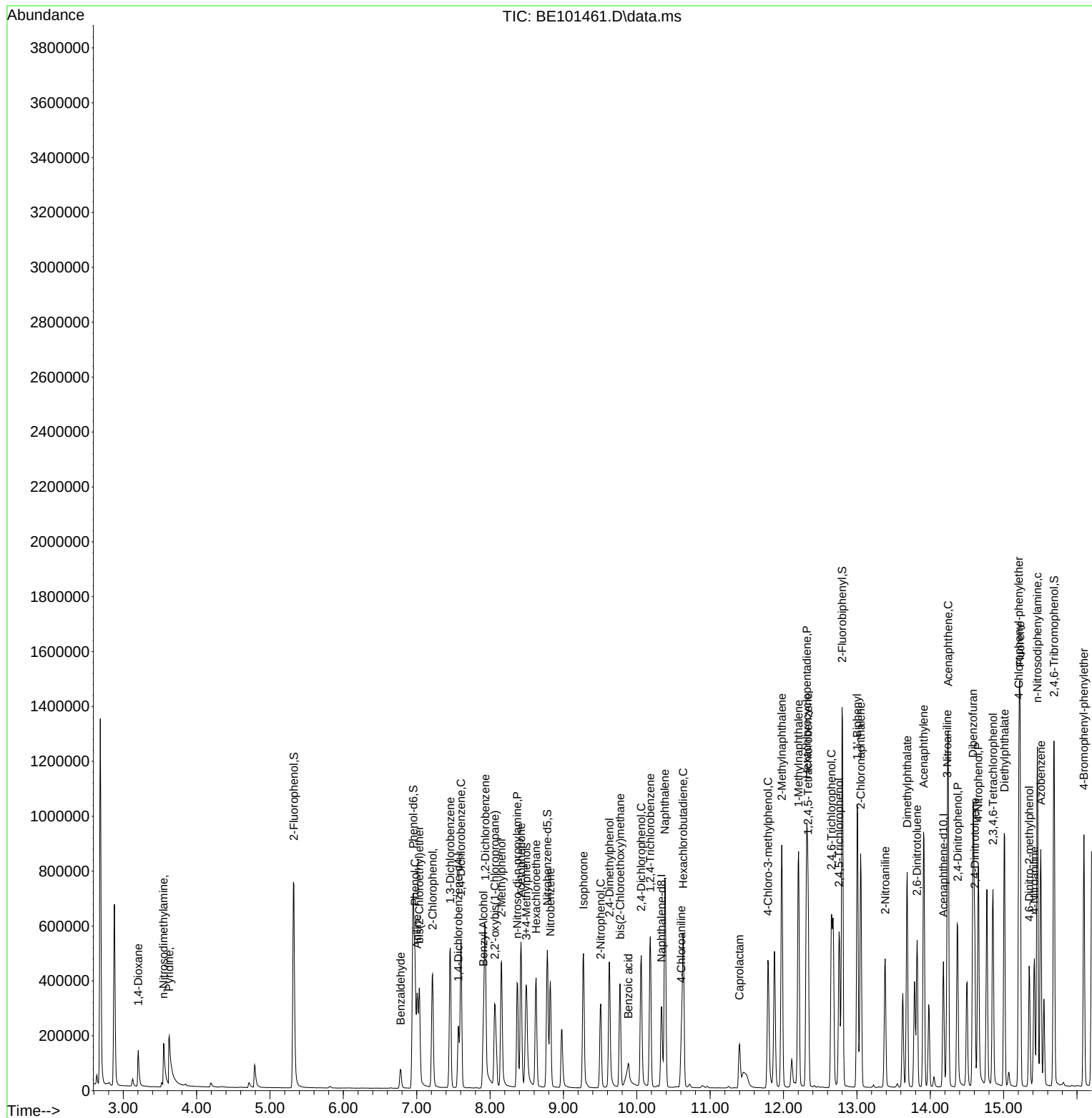
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	167918	53.782	ng	99
46) 1,1'-Biphenyl	13.004	154	562768	52.140	ng	100
47) 2-Chloronaphthalene	13.051	162	439051	51.487	ng	99
48) 2-Nitroaniline	13.386	65	124853	54.405	ng	96
49) Acenaphthylene	13.909	152	707845	56.131	ng	99
50) Dimethylphthalate	13.686	163	546933	49.183	ng	99
51) 2,6-Dinitrotoluene	13.821	165	122779	47.822	ng	100
52) Acenaphthene	14.244	154	427213	51.881	ng	99
53) 3-Nitroaniline	14.232	138	83489	32.703	ng	97
54) 2,4-Dinitrophenol	14.373	184	159573	86.949	ng	99
55) Dibenzofuran	14.585	168	670312	51.073	ng	98
56) 4-Nitrophenol	14.655	139	255810	109.419	ng	100
57) 2,4-Dinitrotoluene	14.608	165	176707	49.993	ng	97
58) Fluorene	15.225	166	549781	50.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.855	232	156652	54.305	ng	97
60) Diethylphthalate	15.014	149	557820	47.957	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	264253	48.502	ng	99
62) 4-Nitroaniline	15.419	138	136468	48.038	ng	98
63) Azobenzene	15.507	77	488635	48.873	ng	99
65) 4,6-Dinitro-2-methylph...	15.349	198	110806	55.801	ng	100
66) n-Nitrosodiphenylamine	15.460	169	480687	53.639	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	183552	51.636	ng	96
68) Hexachlorobenzene	16.206	284	239514	51.404	ng	96
69) Atrazine	16.394	200	175750	63.970	ng	99
70) Pentachlorophenol	16.612	266	318487	118.749	ng	100
71) Phenanthrene	16.958	178	886931	54.818	ng	98
72) Anthracene	17.047	178	910929	57.659	ng	97
73) Carbazole	17.376	167	887896	54.927	ng	98
74) Di-n-butylphthalate	17.822	149	994936	55.908	ng	97
75) Fluoranthene	18.962	202	1137758	57.897	ng	97
77) Benzidine	19.215	184	616854	101.746	ng	100
78) Pyrene	19.332	202	1246783	47.462	ng	96
80) Butylbenzylphthalate	20.178	149	574460	49.883	ng	99
81) Benzo(a)anthracene	21.060	228	1502570	55.963	ng	97
82) 3,3'-Dichlorobenzidine	21.030	252	405135	38.520	ng	99
83) Chrysene	21.118	228	1421272	54.750	ng	95
84) Bis(2-ethylhexyl)phtha...	20.883	149	866491	56.639	ng	98
85) Di-n-octyl phthalate	21.729	149	1604170	63.887	ng	98
87) Indeno(1,2,3-cd)pyrene	25.713	276	2624782	55.365	ng	99
88) Benzo(b)fluoranthene	22.664	252	1864655	50.509	ng	97
89) Benzo(k)fluoranthene	22.705	252	1844442	53.477	ng	97
90) Benzo(a)pyrene	23.263	252	1828766	56.643	ng	99
91) Dibenzo(a,h)anthracene	25.701	278	2155765	55.030	ng	99
92) Benzo(g,h,i)perylene	26.453	276	2002488	49.612	ng	99

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

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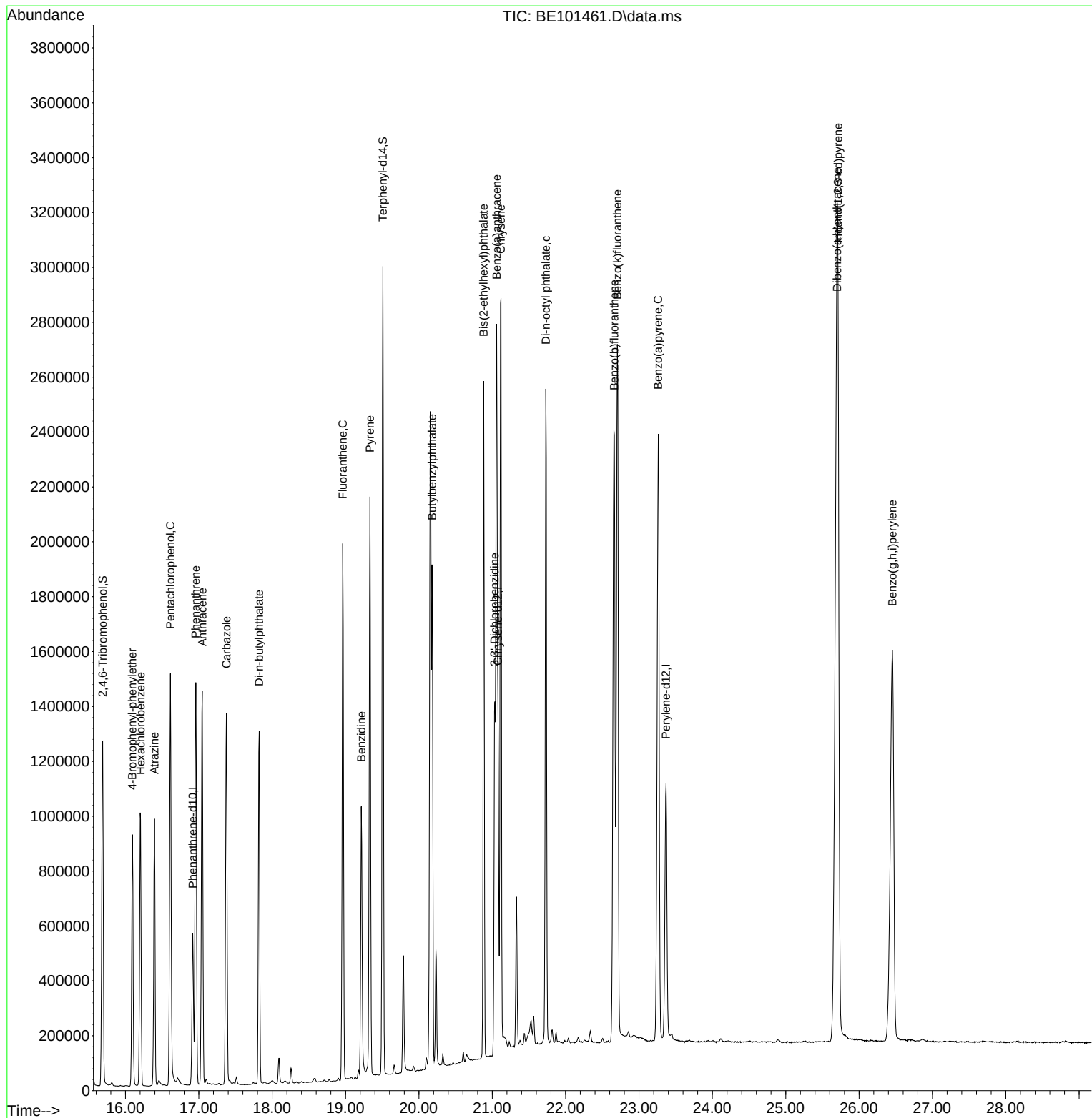
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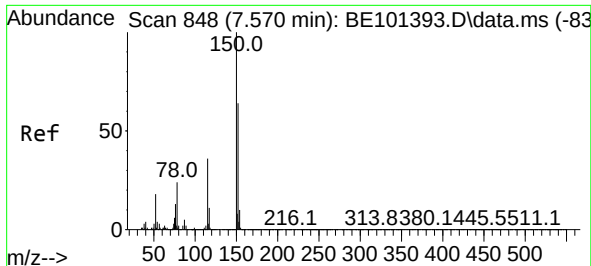


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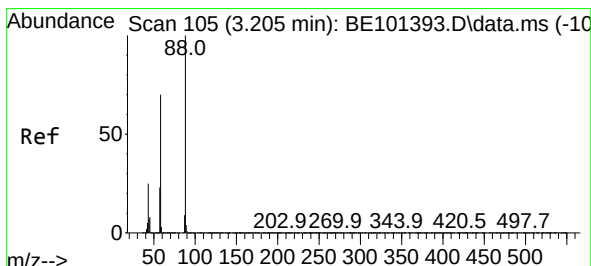
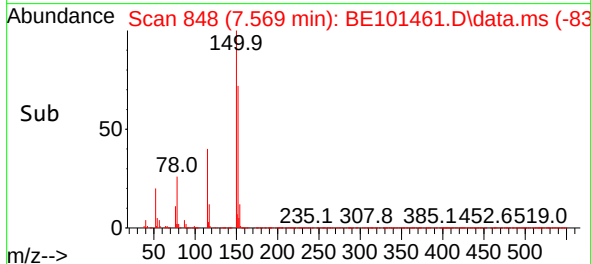
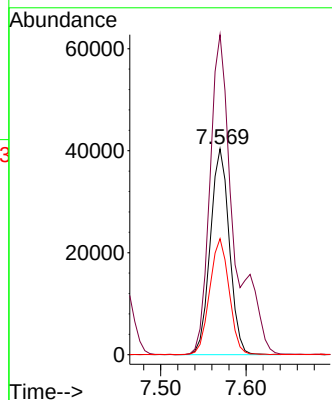
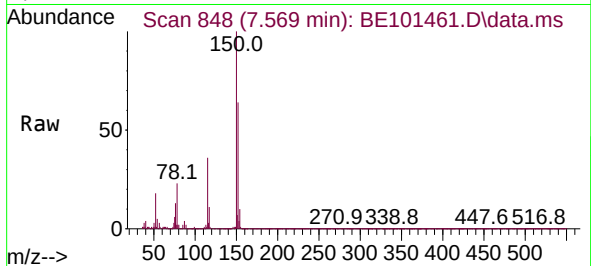




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
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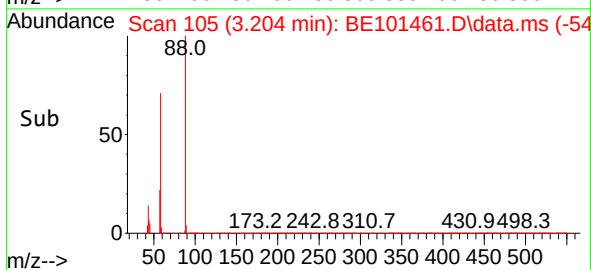
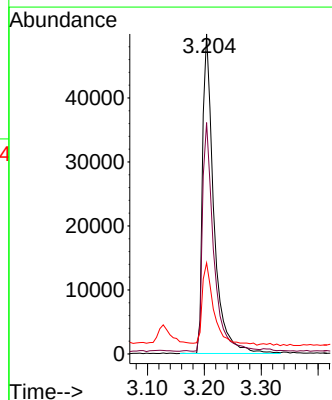
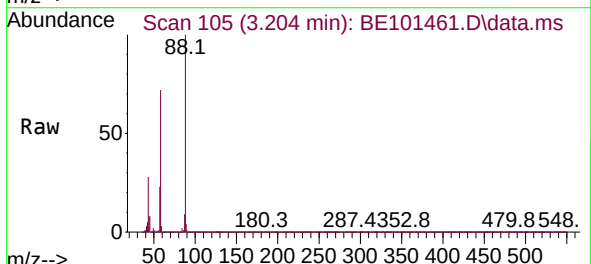
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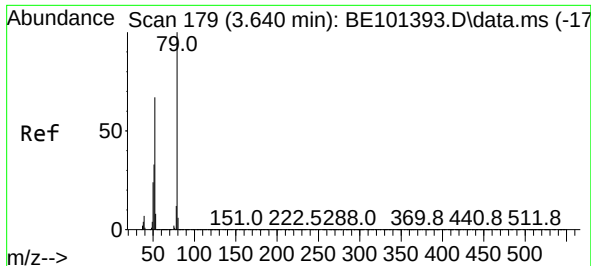
Tgt Ion:152 Resp: 62622
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.4
115 56.3 45.3 67.9



#2
1,4-Dioxane
Concen: 51.610 ng
RT: 3.204 min Scan# 105
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion: 88 Resp: 68776
Ion Ratio Lower Upper
88 100
58 70.7 56.5 84.7
43 26.8 19.8 29.8

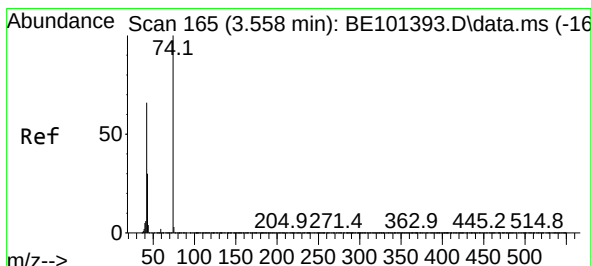
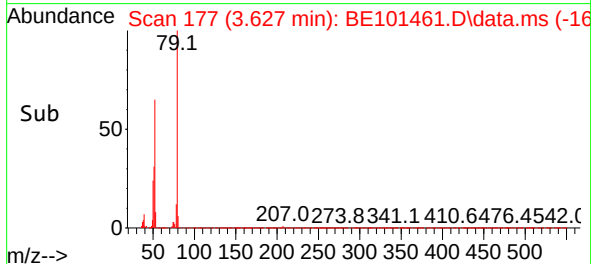
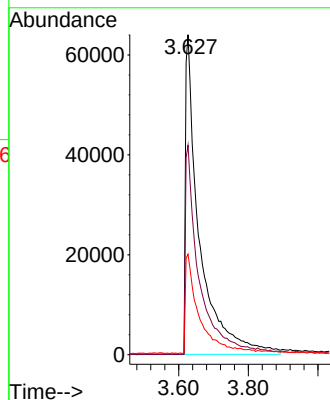
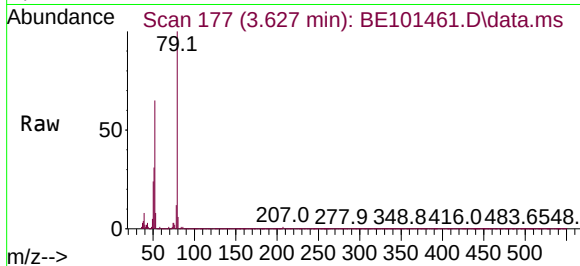




#3
Pyridine
Concen: 47.406 ng
RT: 3.627 min Scan# 11
Delta R.T. -0.013 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

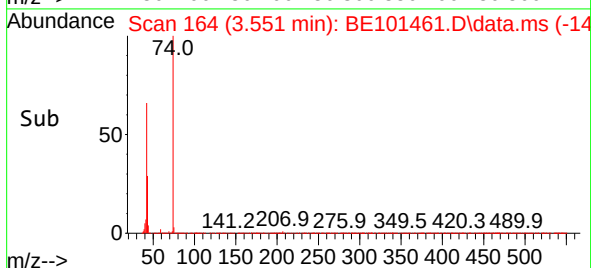
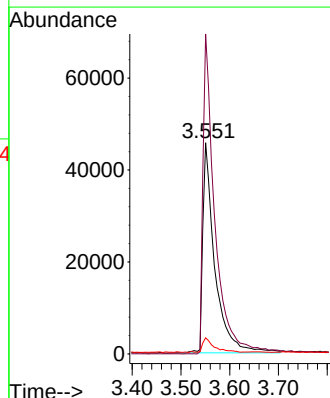
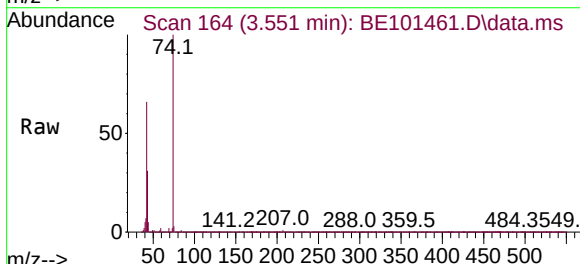
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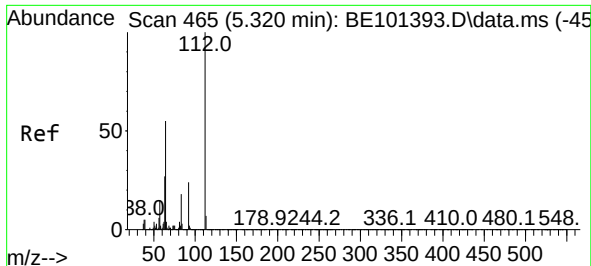
Tgt Ion: 79 Resp: 178731
Ion Ratio Lower Upper
79 100
52 65.4 53.3 79.9
51 31.4 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 53.614 ng
RT: 3.551 min Scan# 164
Delta R.T. -0.007 min
Lab File: BE101461.D
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Tgt Ion: 42 Resp: 78210
Ion Ratio Lower Upper
42 100
74 151.5 121.4 182.0
44 7.6 5.6 8.4

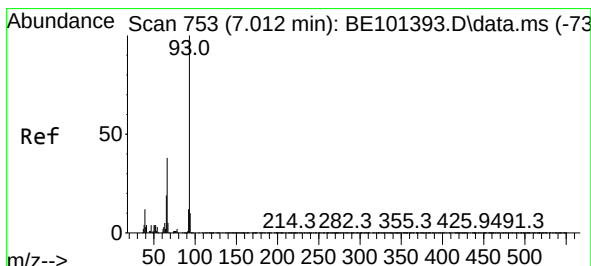
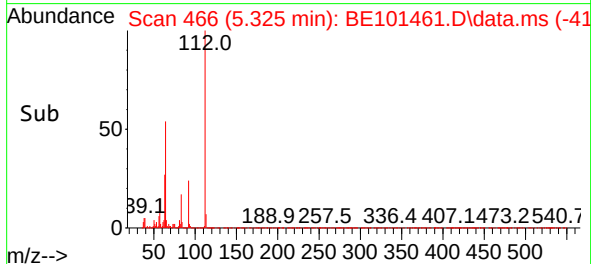
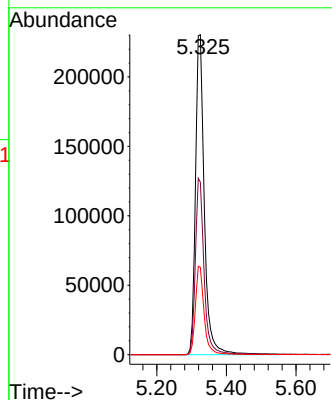
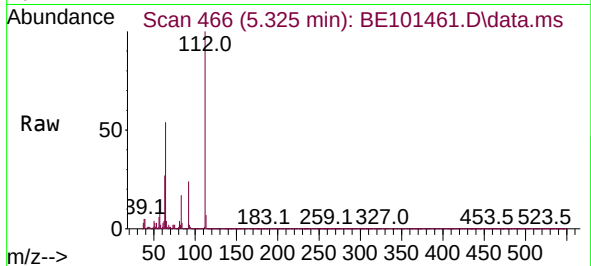




#5
2-Fluorophenol
Concen: 114.314 ng
RT: 5.325 min Scan# 40
Delta R.T. 0.005 min
Lab File: BE101461.D
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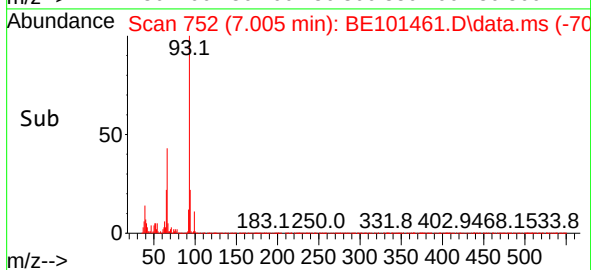
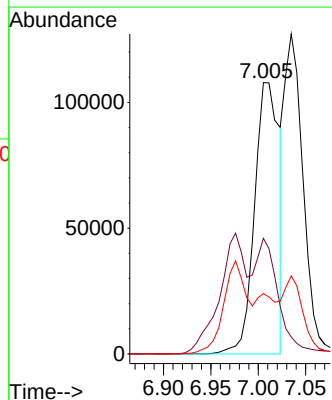
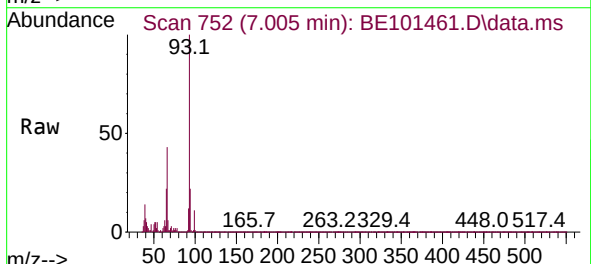
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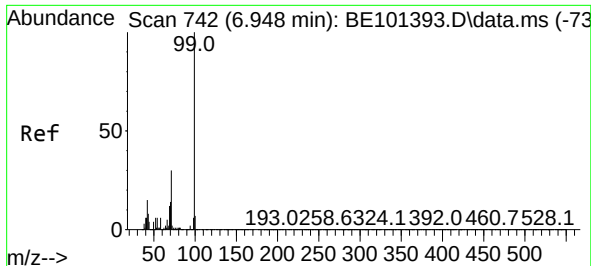
Tgt Ion:112 Resp: 408440
Ion Ratio Lower Upper
112 100
64 53.9 43.7 65.5
63 27.3 21.4 32.2



#6
Aniline
Concen: 51.637 ng
RT: 7.005 min Scan# 752
Delta R.T. -0.007 min
Lab File: BE101461.D
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Tgt Ion: 93 Resp: 196060
Ion Ratio Lower Upper
93 100
66 42.6 31.0 46.4
65 22.3 15.5 23.3

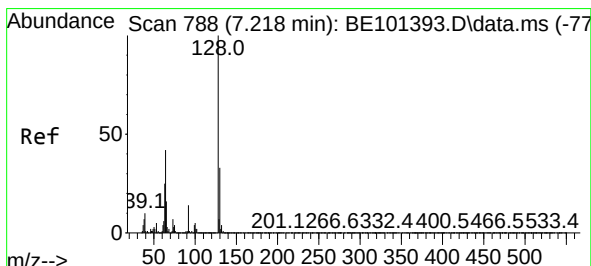
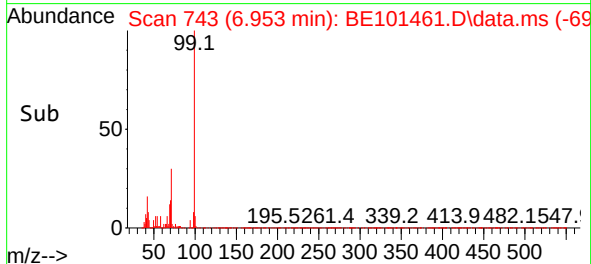
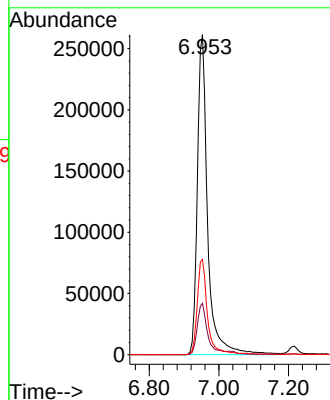
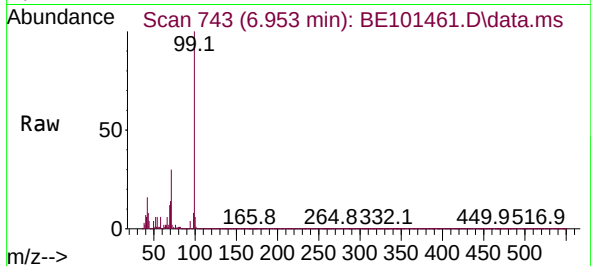




#7
Phenol-d6
Concen: 108.190 ng
RT: 6.953 min Scan# 742
Delta R.T. 0.005 min
Lab File: BE101461.D
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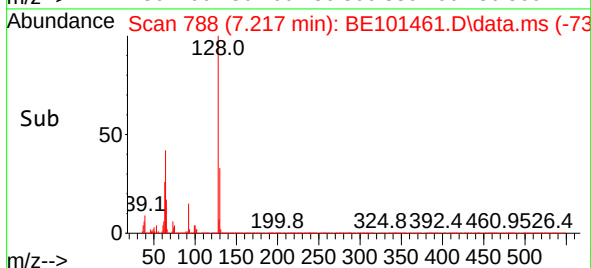
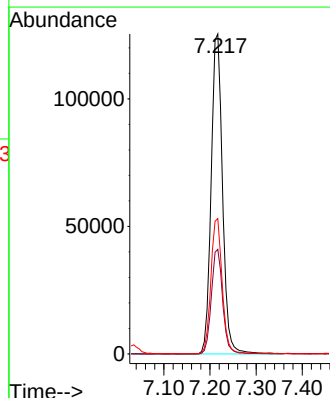
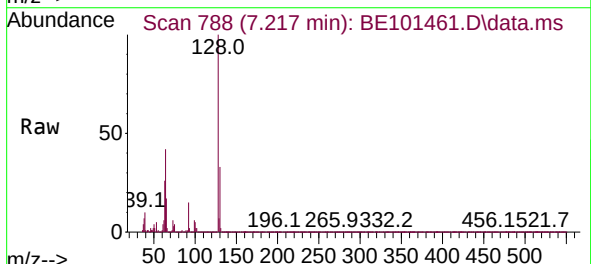
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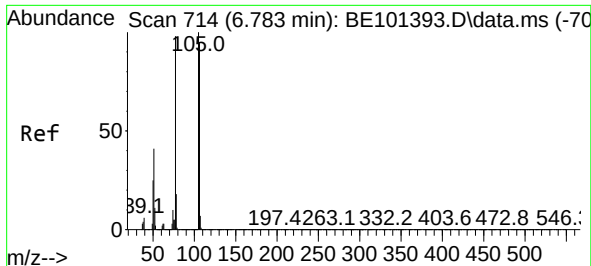
Tgt Ion: 99 Resp: 536001
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 29.8 23.8 35.8



#8
2-Chlorophenol
Concen: 50.199 ng
RT: 7.217 min Scan# 788
Delta R.T. -0.001 min
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Tgt Ion:128 Resp: 215120
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 42.3 22.3 62.3

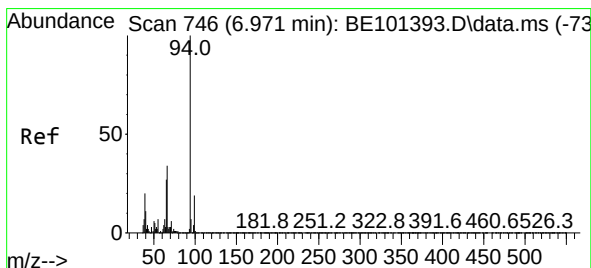
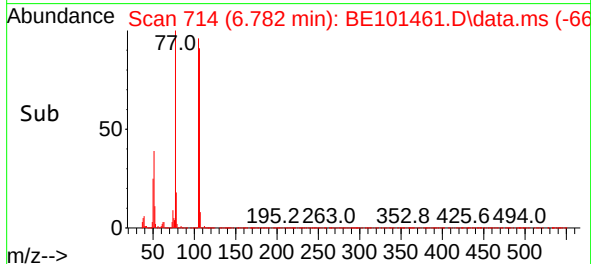
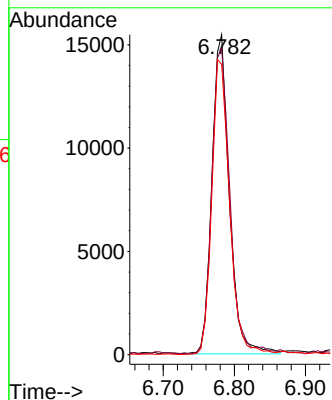
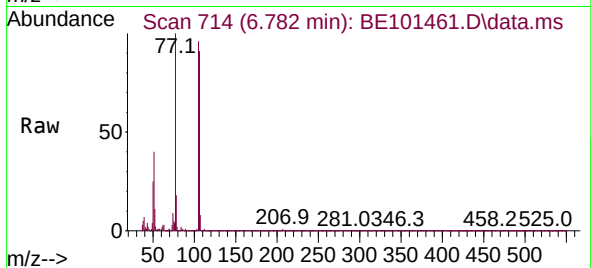




#9
Benzaldehyde
Concen: 10.973 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.001 min
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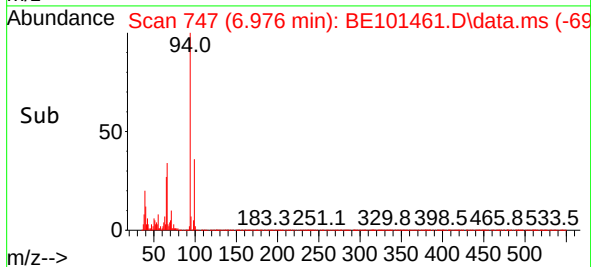
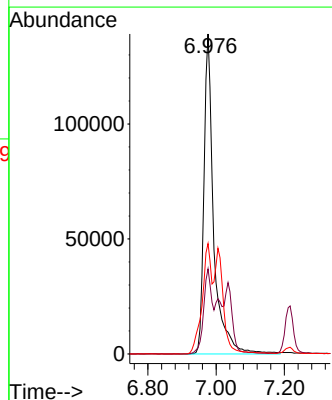
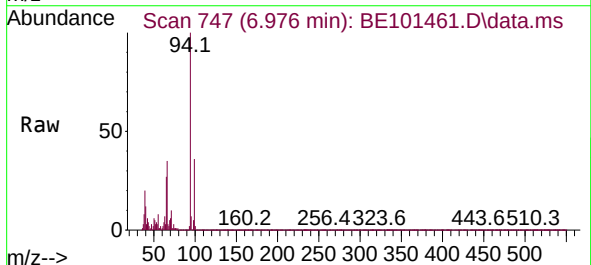
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ClientSampleId :
COMP-4MSD

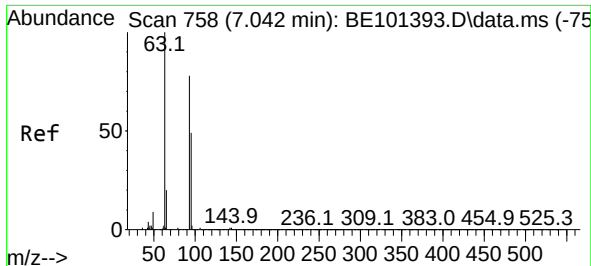
Tgt Ion:	77	Resp:	26242
Ion	Ratio	Lower	Upper
77	100		
105	95.8	81.9	121.9
106	90.7	76.5	116.5



#10
Phenol
Concen: 51.779 ng
RT: 6.976 min Scan# 747
Delta R.T. 0.005 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:	94	Resp:	278337
Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.8	46.8
66	34.5	14.0	54.0

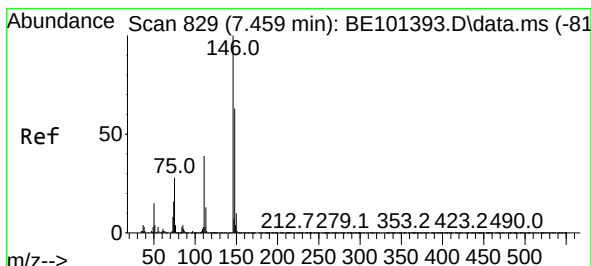
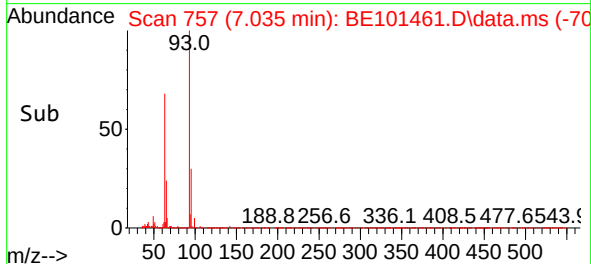
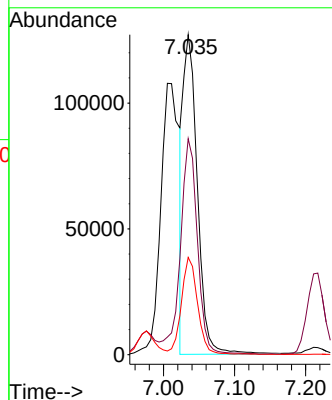
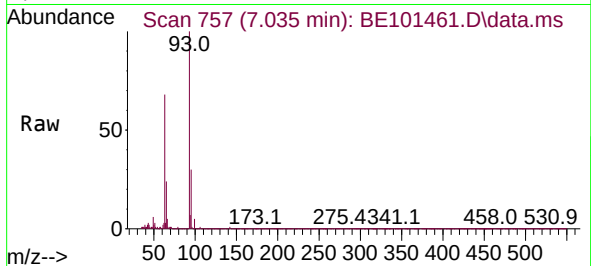




#11
bis(2-Chloroethyl)ether
Concen: 39.961 ng
RT: 7.035 min Scan# 758
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

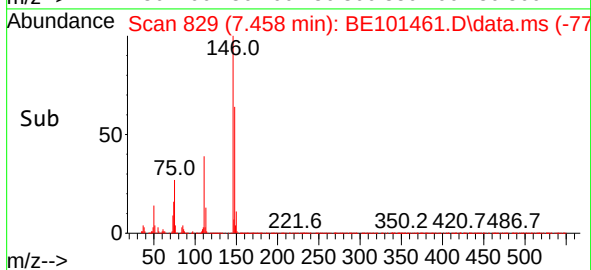
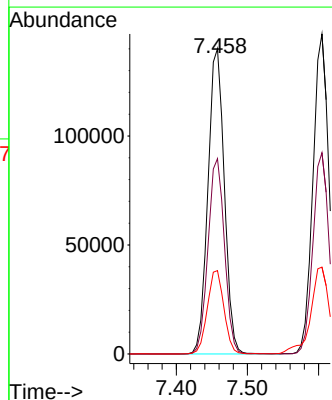
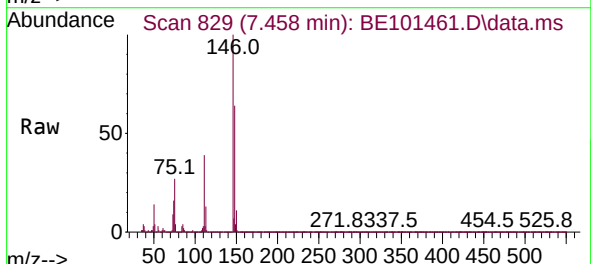
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

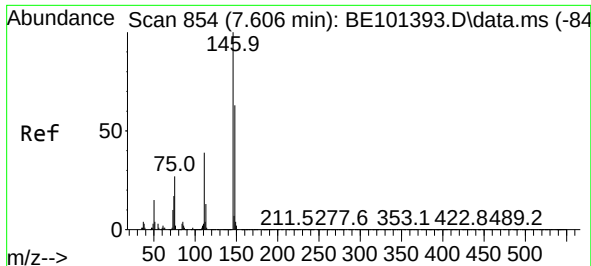
Tgt Ion: 93 Resp: 176218
Ion Ratio Lower Upper
93 100
63 67.5 46.3 86.3
95 30.4 9.6 49.6



#12
1,3-Dichlorobenzene
Concen: 48.642 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:146 Resp: 224770
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 27.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 48.562 ng

RT: 7.605 min Scan# 854

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

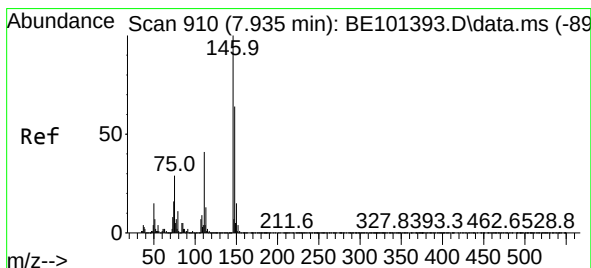
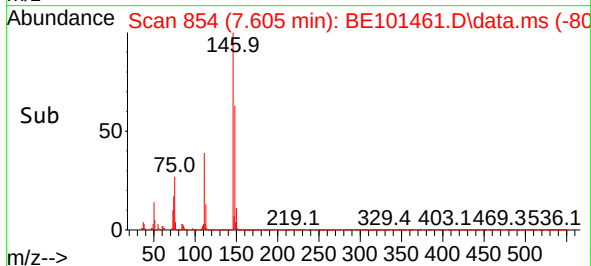
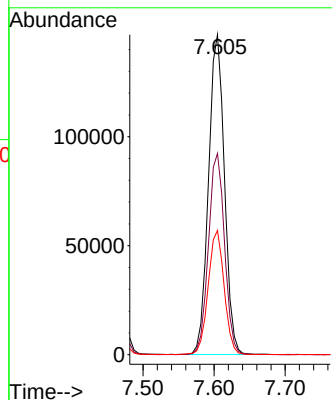
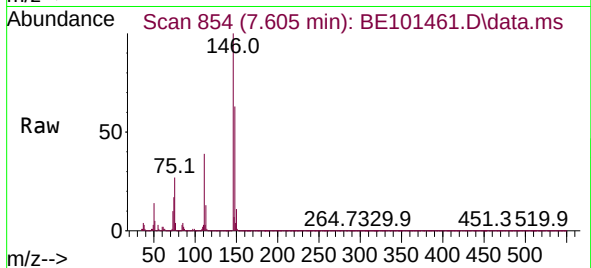
Tgt Ion:146 Resp: 229154

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 38.9 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 47.656 ng

RT: 7.934 min Scan# 910

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

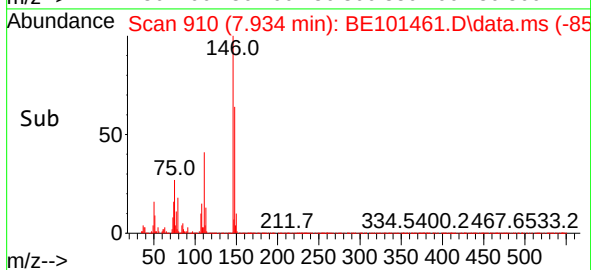
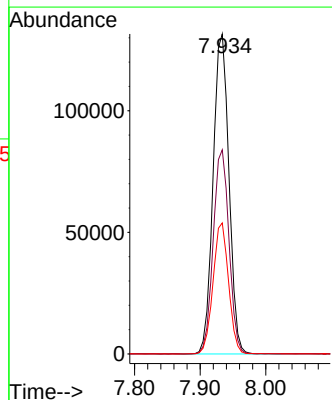
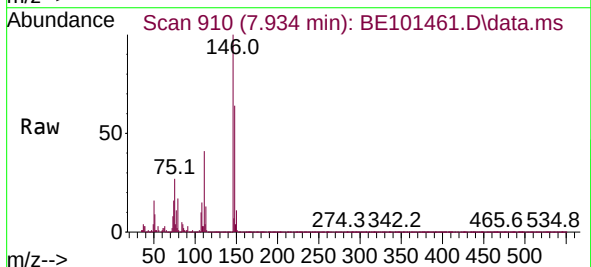
Tgt Ion:146 Resp: 220124

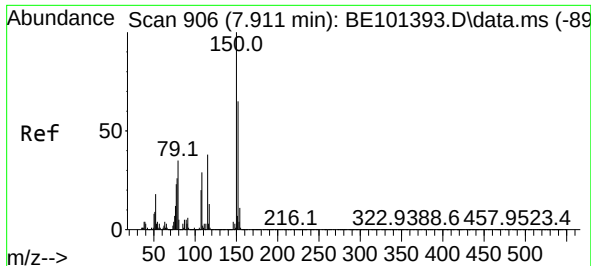
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

111 41.0 32.8 49.2

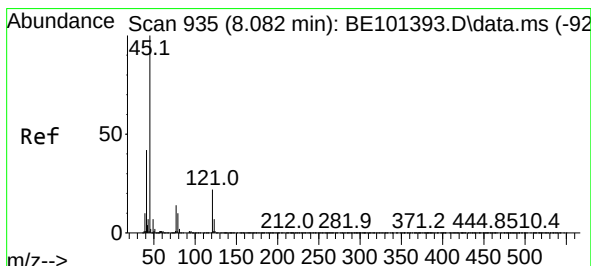
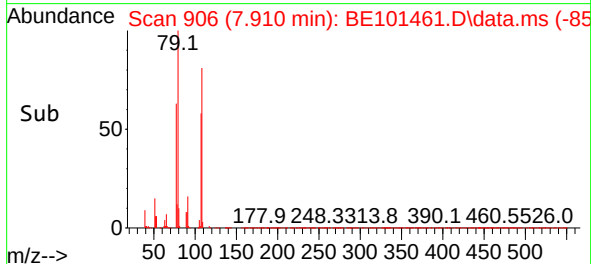
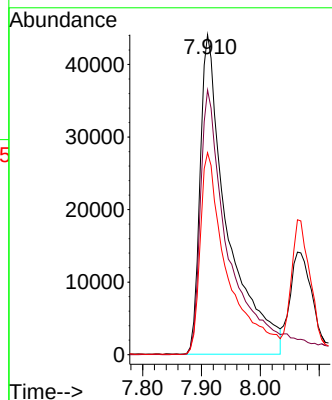
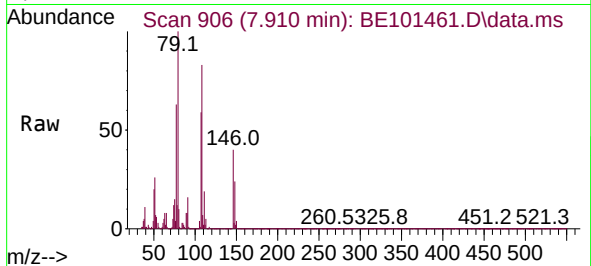




#15
Benzyl Alcohol
Concen: 47.601 ng
RT: 7.910 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

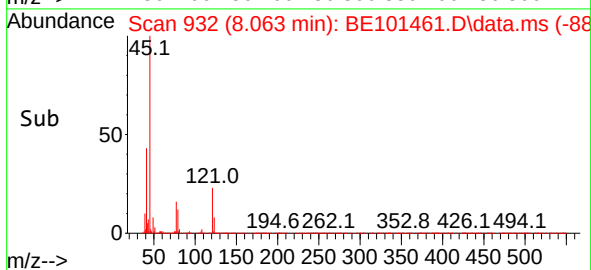
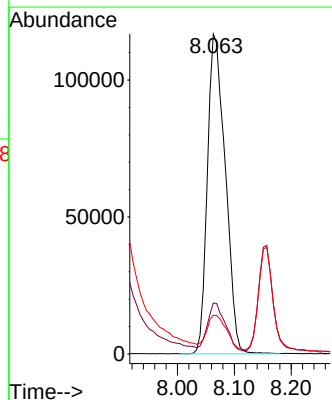
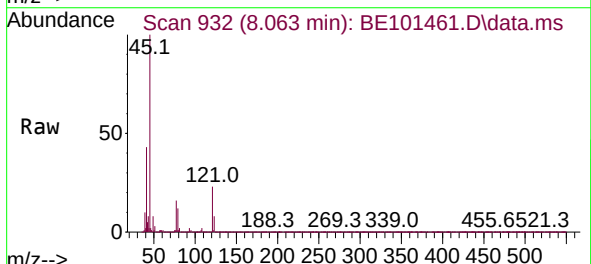
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

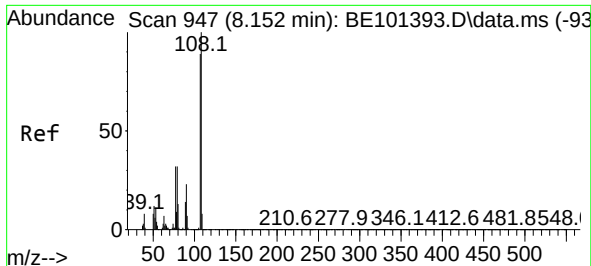
Tgt Ion: 79 Resp: 140573
Ion Ratio Lower Upper
79 100
108 82.7 66.1 99.1
77 63.1 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.859 ng
RT: 8.063 min Scan# 932
Delta R.T. -0.019 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

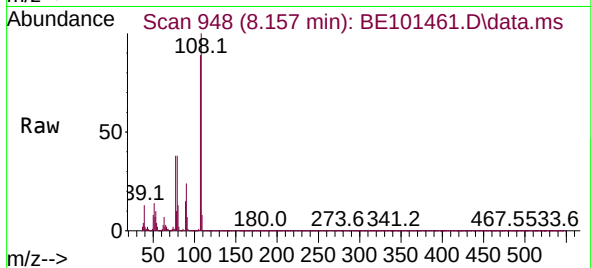
Tgt Ion: 45 Resp: 254495
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.5
79 12.1 0.0 31.8



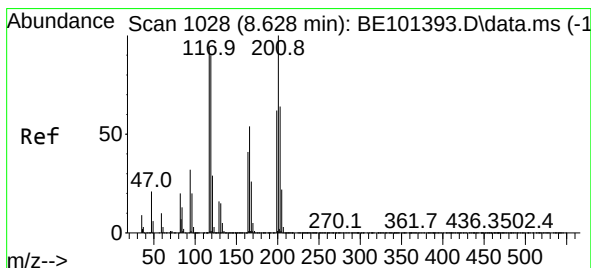
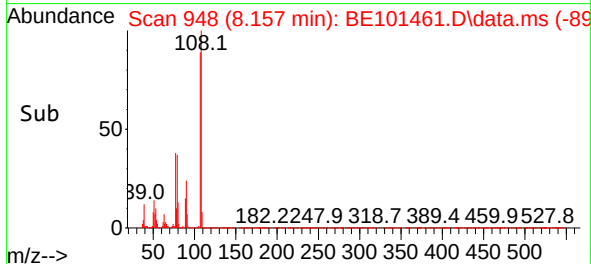
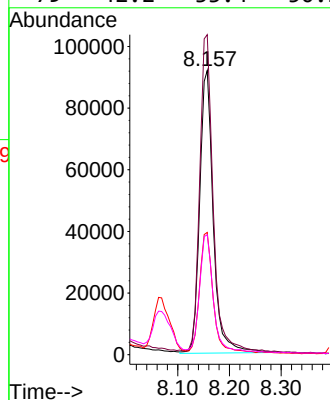


#17
2-Methylphenol
Concen: 45.985 ng
RT: 8.157 min Scan# 947
Delta R.T. 0.005 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

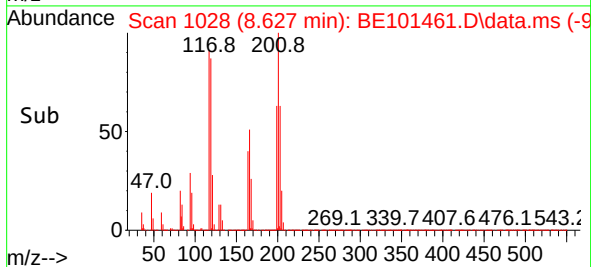
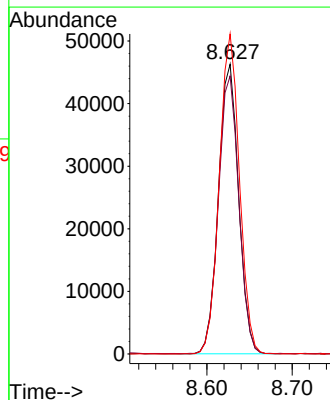
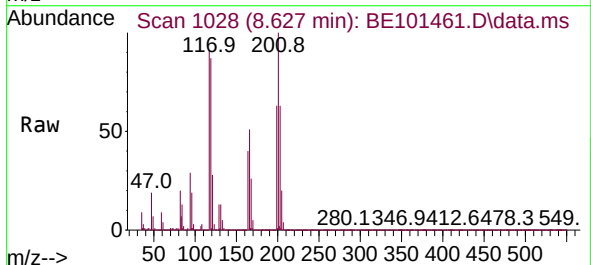


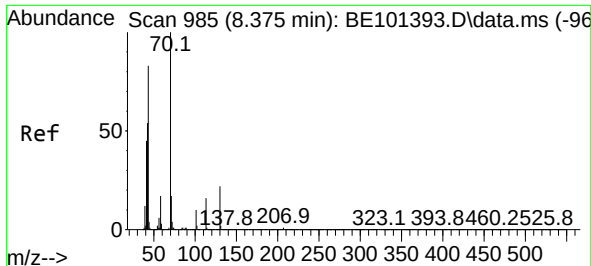
Tgt Ion:	107	Resp:	167301
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.0	135.0
77	43.0	34.2	51.4
79	42.2	33.4	50.2



#18
Hexachloroethane
Concen: 49.524 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:	117	Resp:	76316
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
201	110.4	85.3	127.9



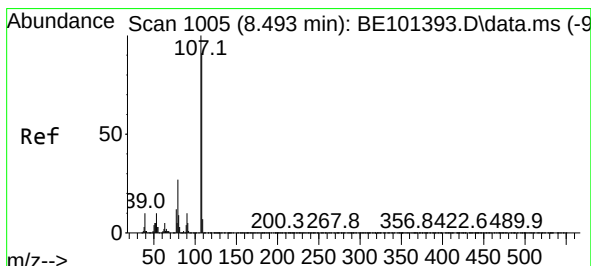
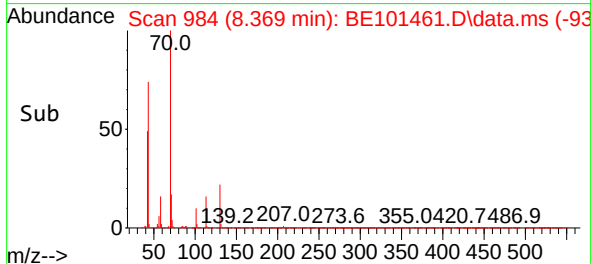
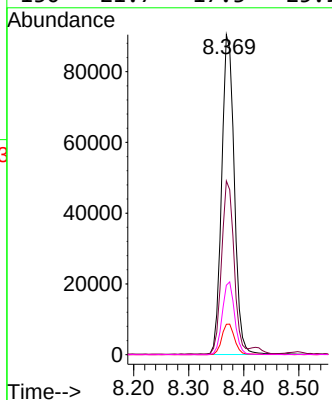
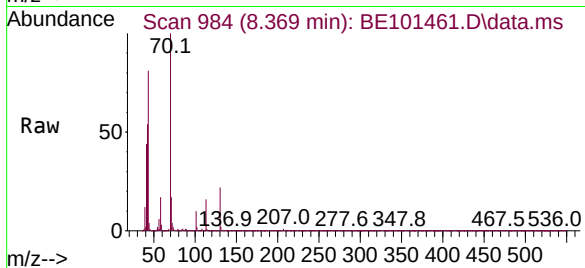


#19
n-Nitroso-di-n-propylamine
Concen: 43.801 ng
RT: 8.369 min Scan# 985
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

Tgt Ion: 70 Resp: 143999

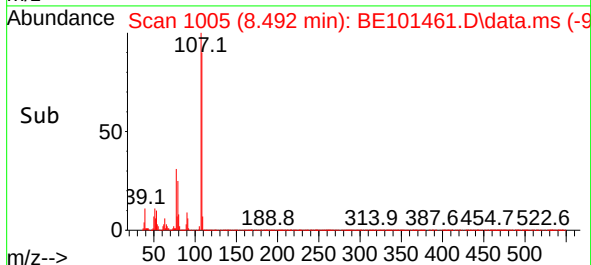
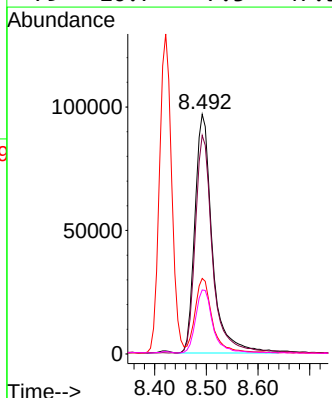
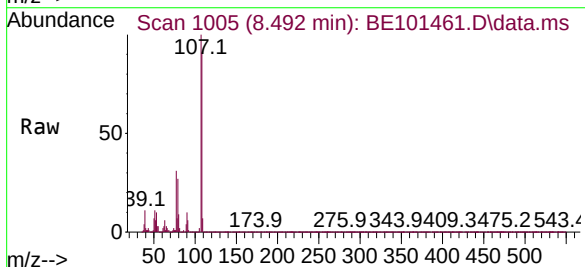
Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.4	65.0
101	9.5	8.1	12.1
130	21.7	17.3	25.9

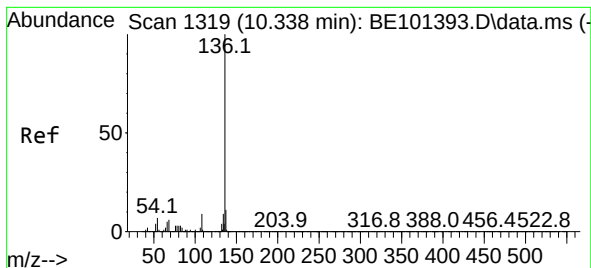


#20
3+4-Methylphenols
Concen: 45.228 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion: 107 Resp: 227137

Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.6	110.6
77	31.5	11.3	51.3
79	26.7	7.3	47.3

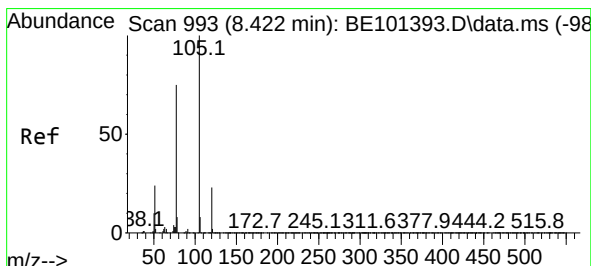
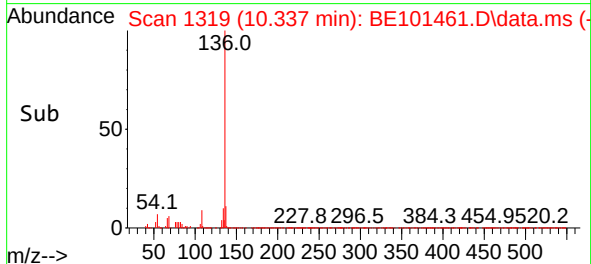
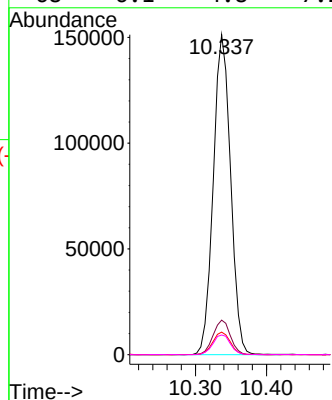
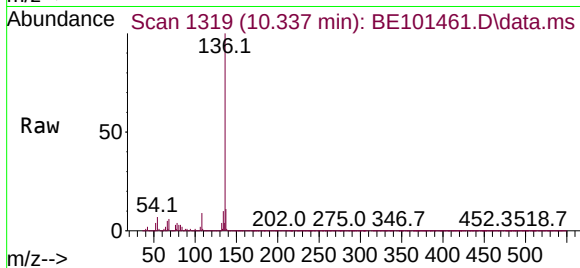




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

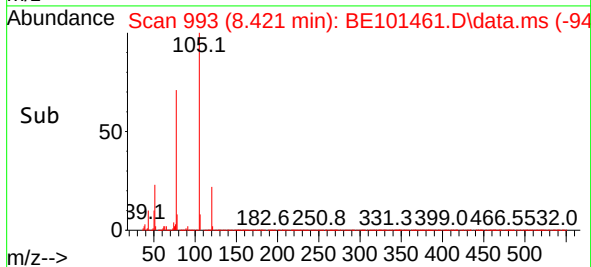
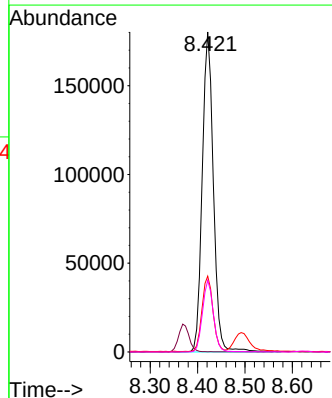
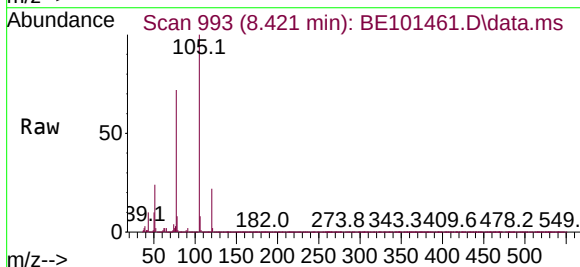
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

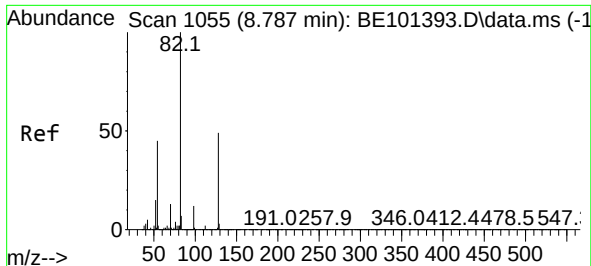
Tgt Ion:136 Resp: 255715
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.1 5.9 8.9
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 50.535 ng
RT: 8.421 min Scan# 993
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:105 Resp: 293420
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 23.7 19.4 29.0
120 22.4 18.4 27.6

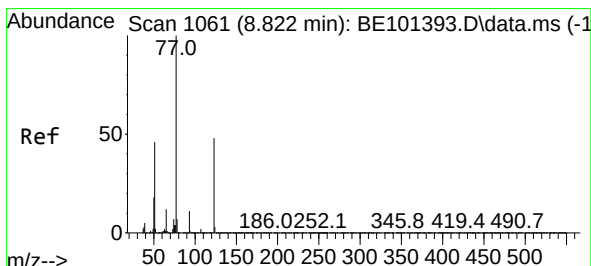
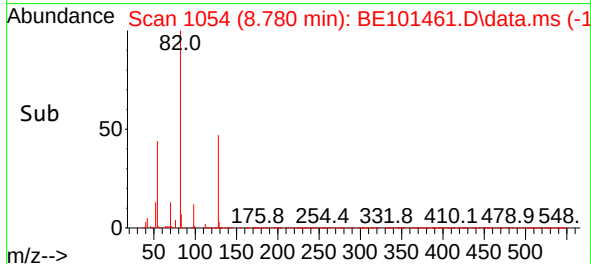
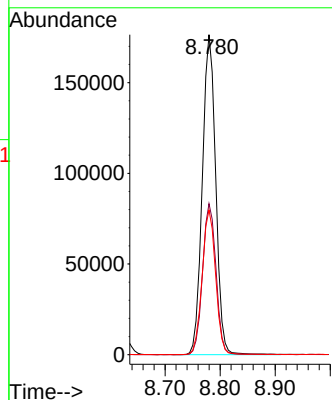
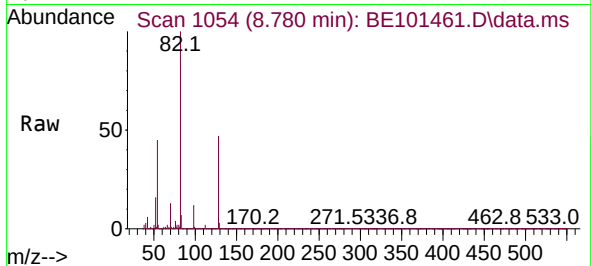




#23
 Nitrobenzene-d5
 Concen: 73.248 ng
 RT: 8.780 min Scan# 1055
 Delta R.T. -0.007 min
 Lab File: BE101461.D
 Acq: 4 Nov 2024 18:38

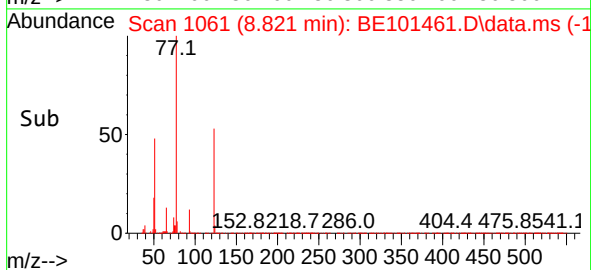
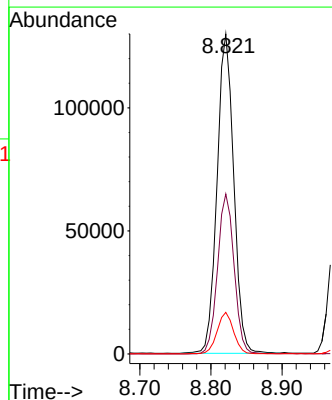
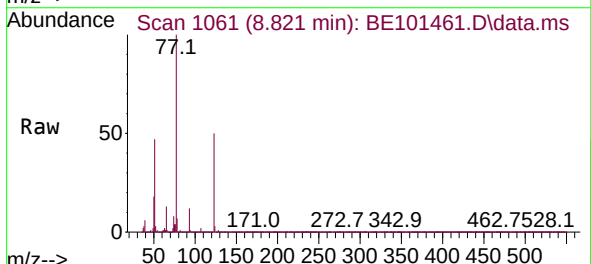
Instrument :
 BNA_E
 ClientSampleId :
 COMP-4MSD

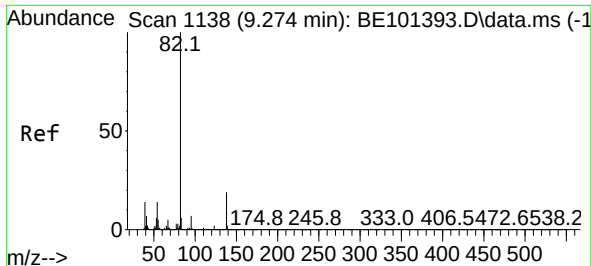
Tgt Ion: 82 Resp: 298216
 Ion Ratio Lower Upper
 82 100
 128 47.2 38.9 58.3
 54 45.2 36.2 54.4



#24
 Nitrobenzene
 Concen: 48.672 ng
 RT: 8.821 min Scan# 1061
 Delta R.T. -0.001 min
 Lab File: BE101461.D
 Acq: 4 Nov 2024 18:38

Tgt Ion: 77 Resp: 210910
 Ion Ratio Lower Upper
 77 100
 123 50.0 38.7 58.1
 65 13.0 10.0 15.0

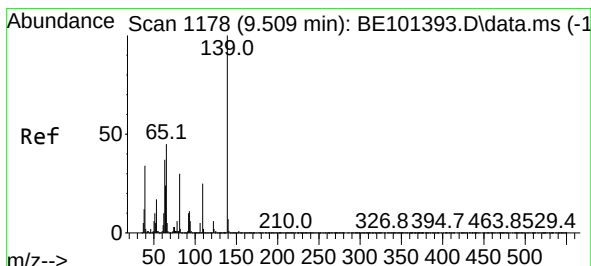
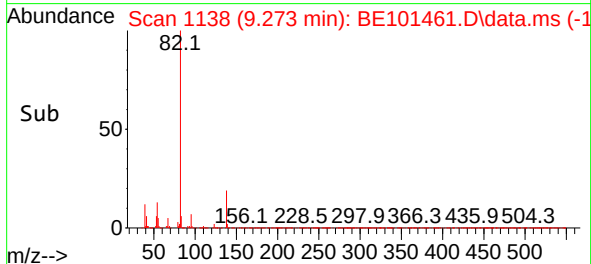
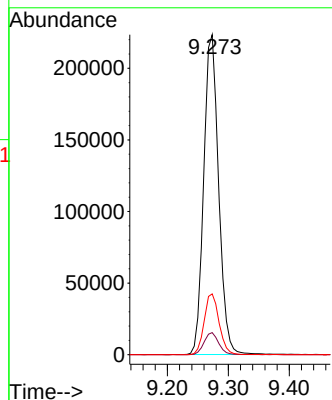
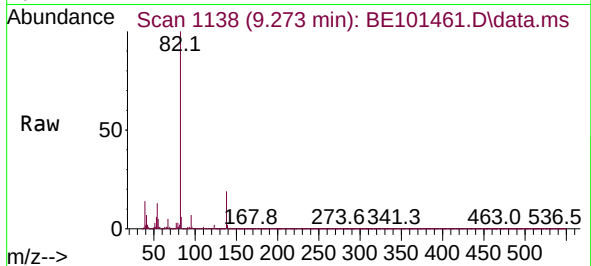




#25
Isophorone
Concen: 47.838 ng
RT: 9.273 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

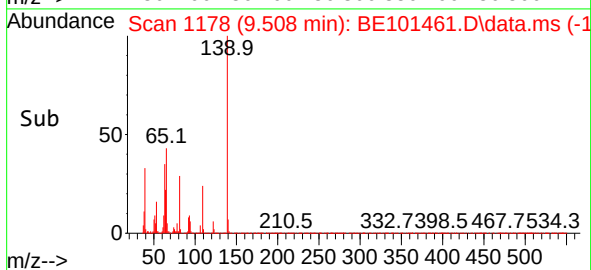
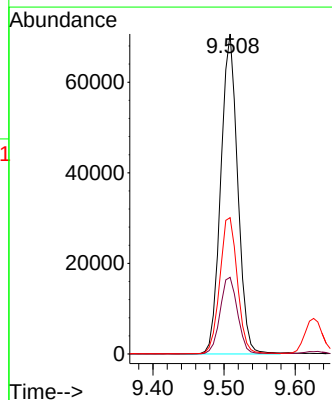
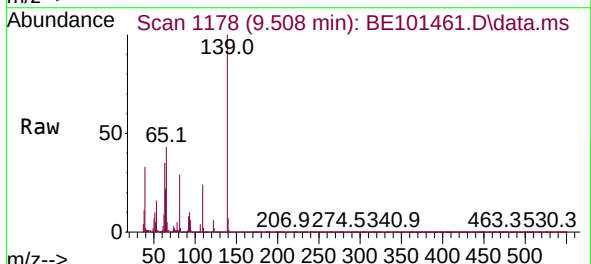
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

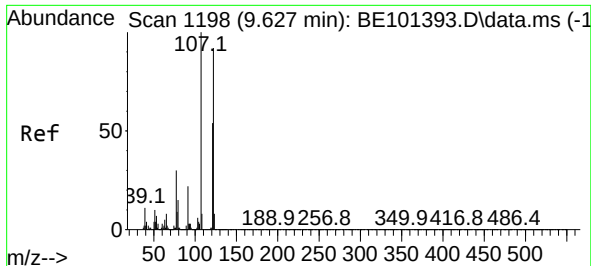
Tgt Ion: 82 Resp: 380062
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 19.0 15.0 22.4



#26
2-Nitrophenol
Concen: 55.443 ng
RT: 9.508 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion: 139 Resp: 116119
Ion Ratio Lower Upper
139 100
109 24.0 20.1 30.1
65 42.6 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 62.752 ng

RT: 9.626 min Scan# 1198

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

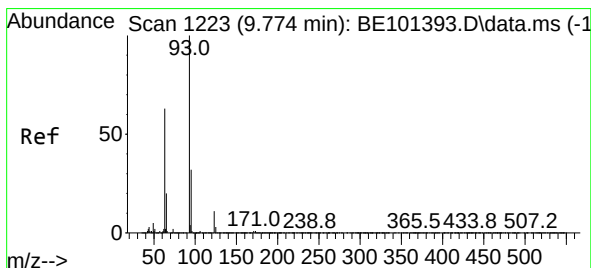
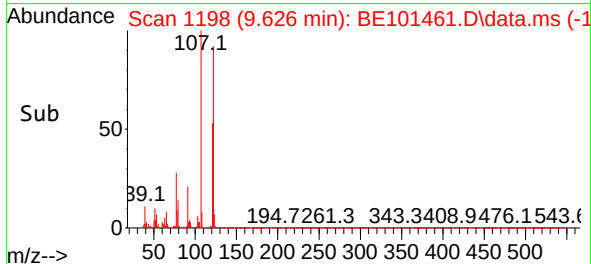
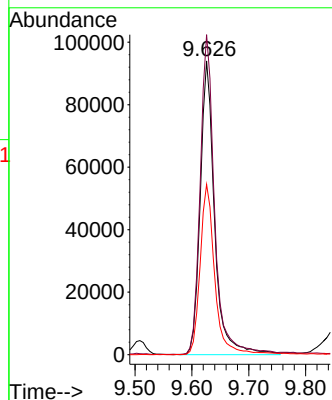
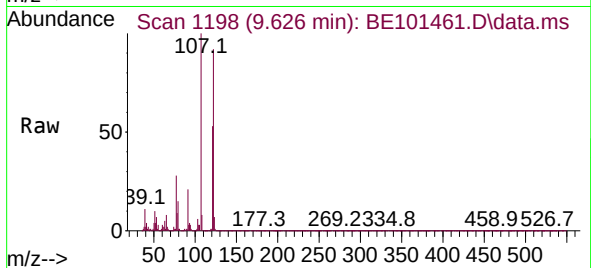
Tgt Ion:122 Resp: 165380

Ion Ratio Lower Upper

122 100

107 108.9 87.4 131.0

121 58.0 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.745 ng

RT: 9.773 min Scan# 1223

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

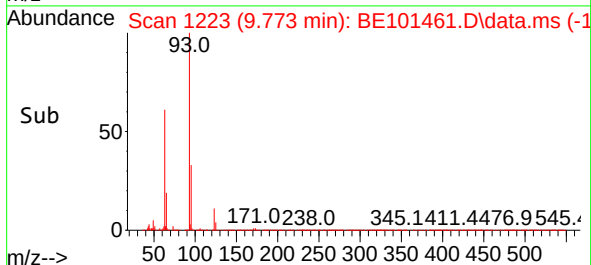
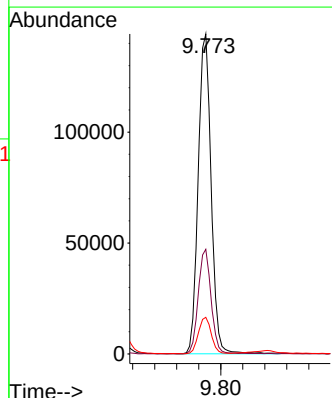
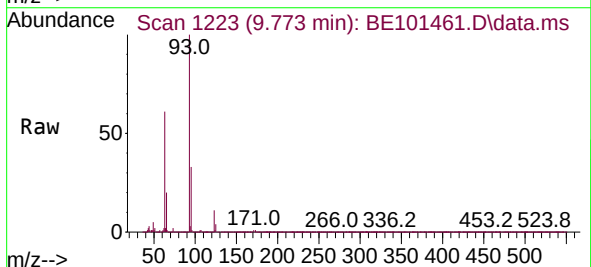
Tgt Ion: 93 Resp: 234853

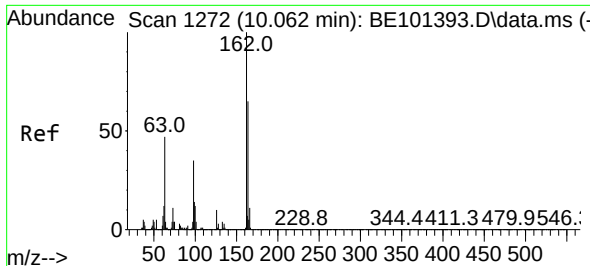
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 11.5 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 52.842 ng

RT: 10.061 min Scan# 1272

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

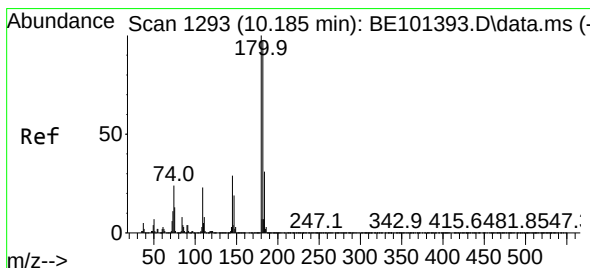
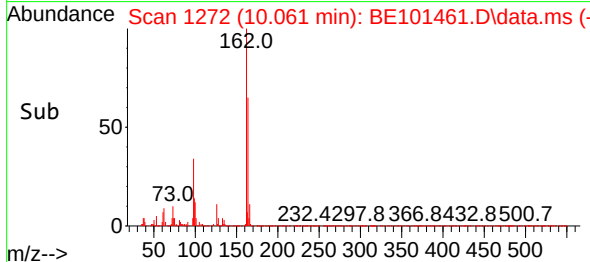
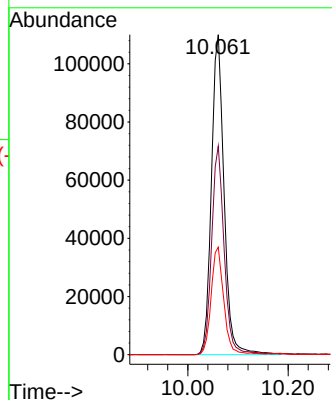
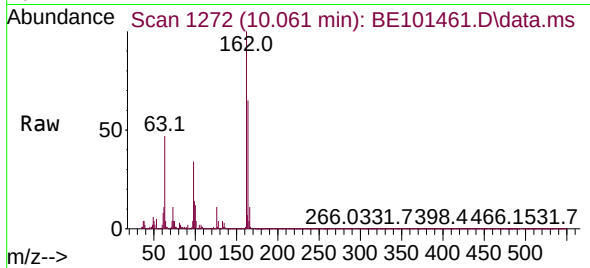
Tgt Ion:162 Resp: 192661

Ion Ratio Lower Upper

162 100

164 65.2 45.4 85.4

98 33.6 14.5 54.5



#30

1,2,4-Trichlorobenzene

Concen: 49.424 ng

RT: 10.184 min Scan# 1293

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

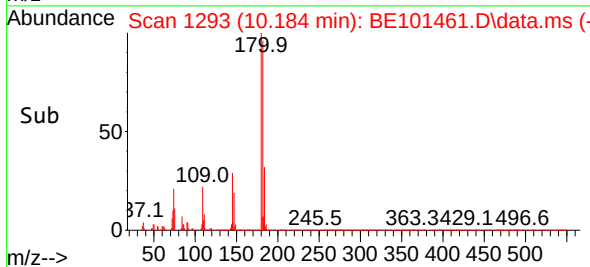
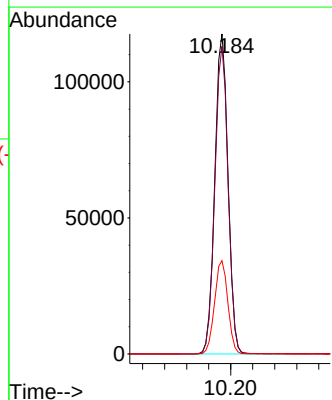
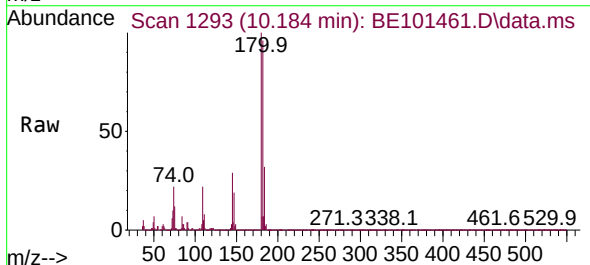
Tgt Ion:180 Resp: 196306

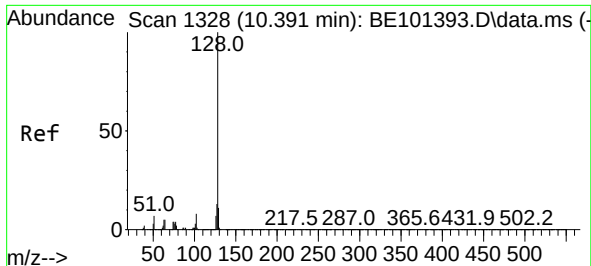
Ion Ratio Lower Upper

180 100

182 96.1 77.4 116.0

145 29.1 23.3 34.9

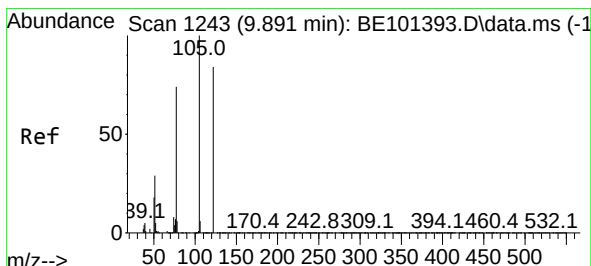
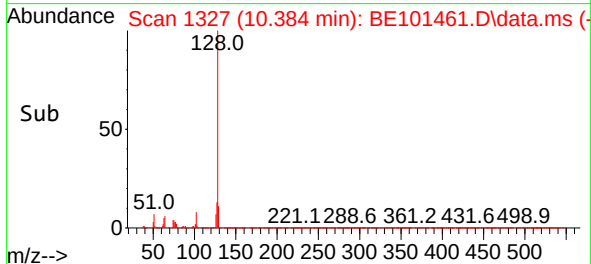
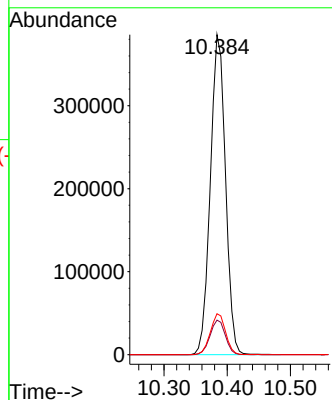
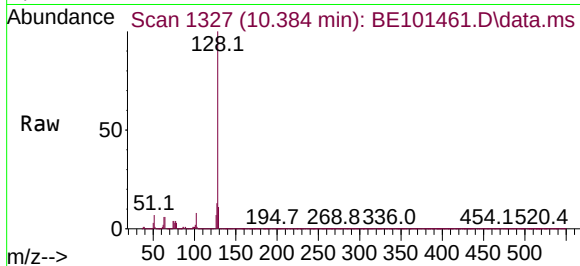




#31
Naphthalene
Concen: 49.219 ng
RT: 10.384 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

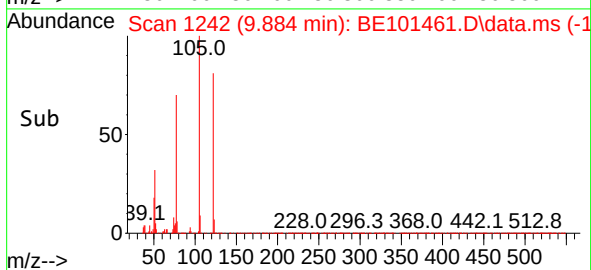
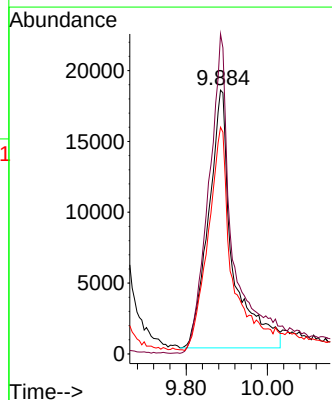
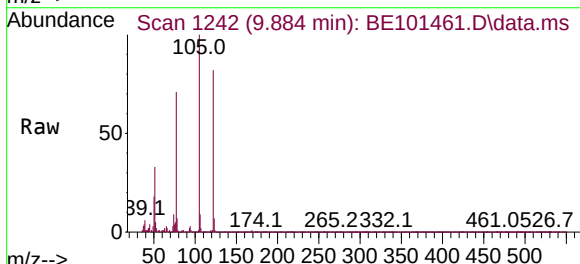
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

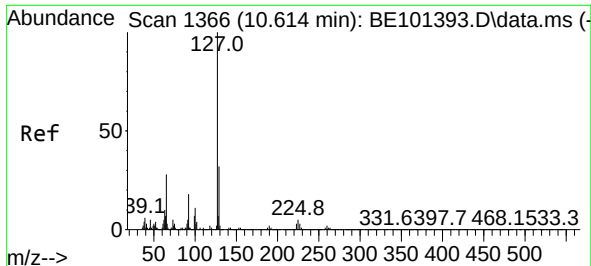
Tgt Ion:128 Resp: 641376
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 31.291 ng
RT: 9.884 min Scan# 1242
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:122 Resp: 75479
Ion Ratio Lower Upper
122 100
105 121.3 97.9 137.9
77 85.9 68.1 108.1

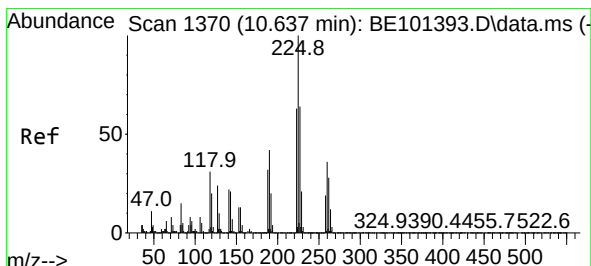
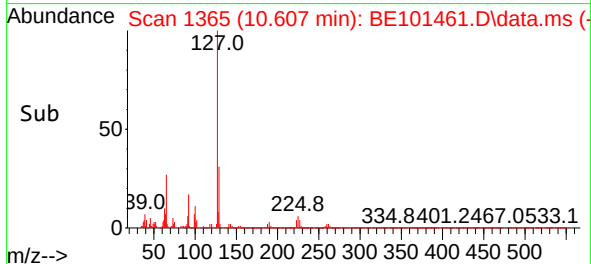
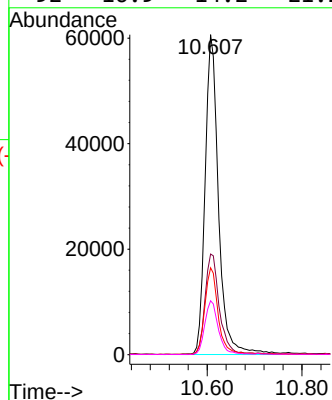
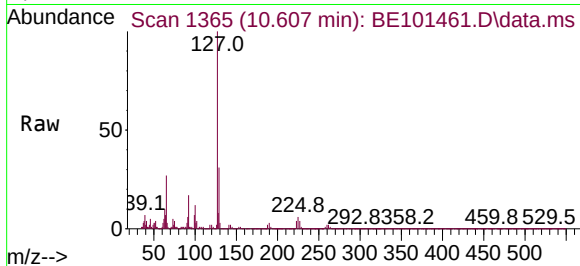




#33
4-Chloroaniline
Concen: 26.203 ng
RT: 10.607 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

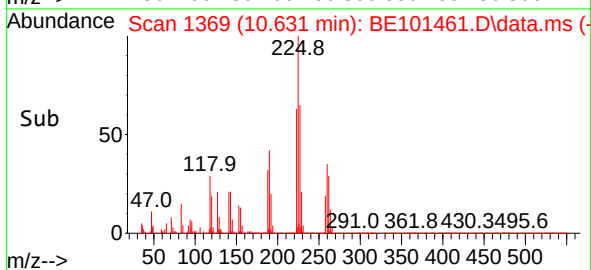
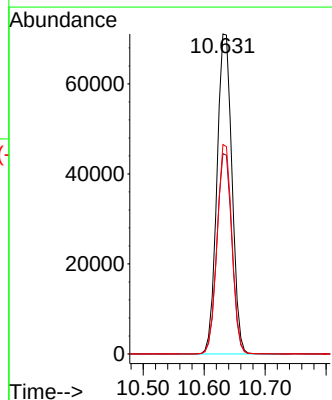
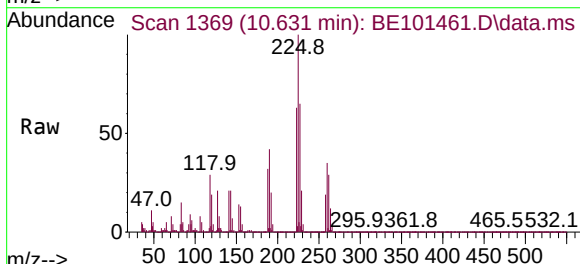
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

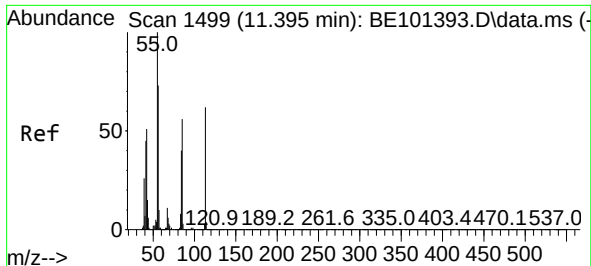
Tgt Ion:	127	Resp:	118734
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	27.2	22.2	33.4
92	16.9	14.2	21.2



#34
Hexachlorobutadiene
Concen: 51.620 ng
RT: 10.631 min Scan# 1369
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:	225	Resp:	121358
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.5	75.7
227	65.5	51.0	76.6

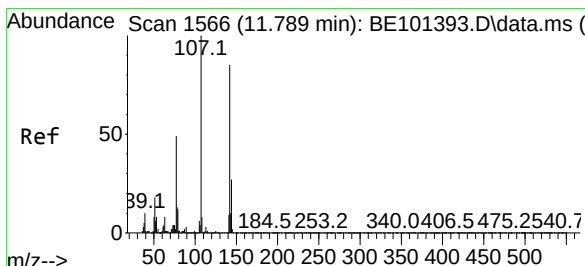
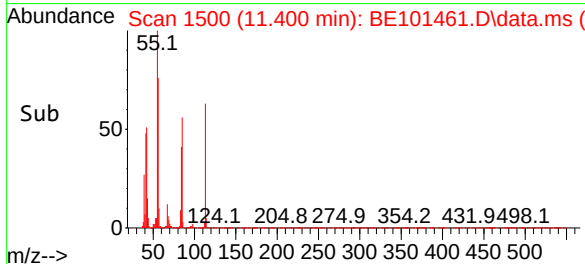
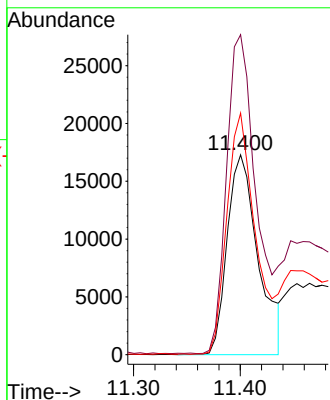
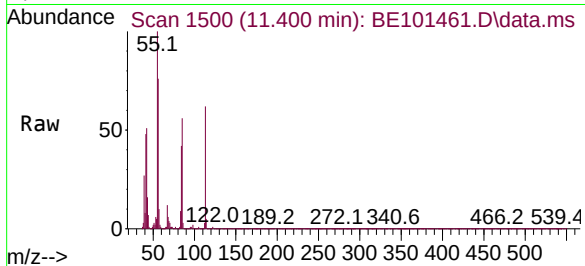




#35
Caprolactam
Concen: 24.904 ng
RT: 11.400 min Scan# 1499
Delta R.T. 0.005 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

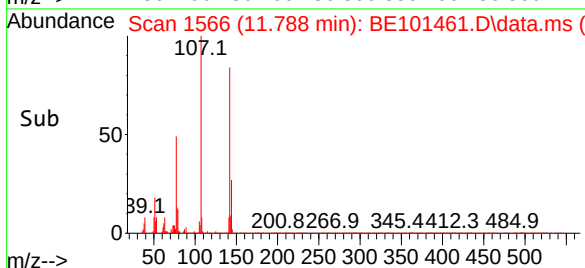
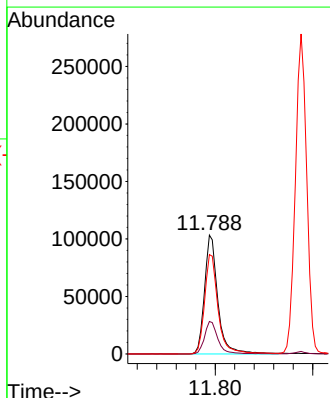
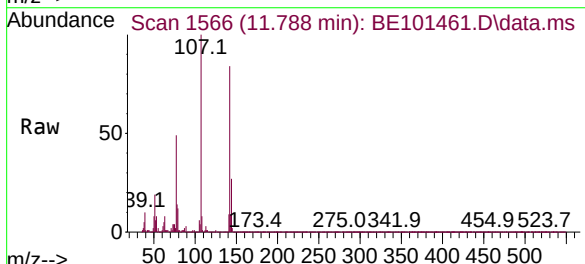
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

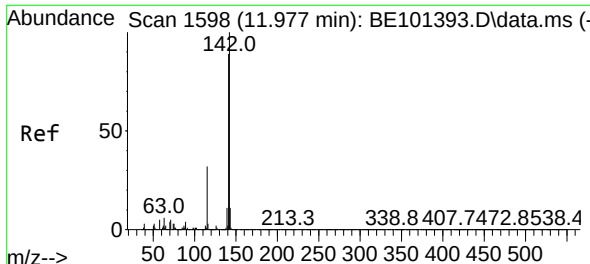
Tgt Ion:113 Resp: 34806
Ion Ratio Lower Upper
113 100
55 160.1 141.2 181.2
56 120.9 96.9 136.9



#36
4-Chloro-3-methylphenol
Concen: 46.938 ng
RT: 11.788 min Scan# 1566
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:107 Resp: 194857
Ion Ratio Lower Upper
107 100
144 27.3 21.9 32.9
142 83.6 68.0 102.0

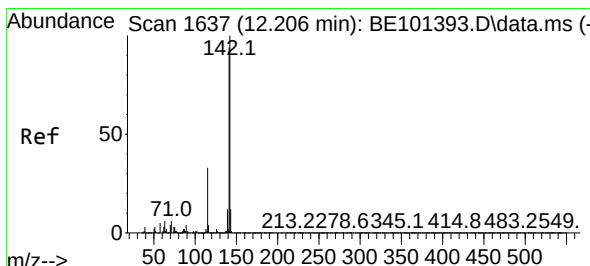
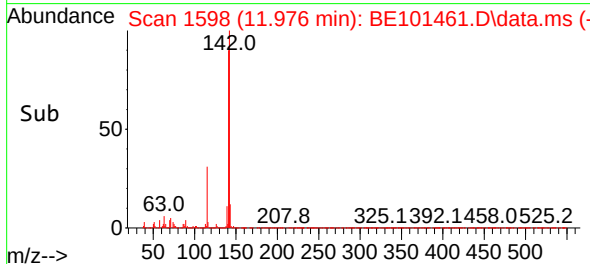
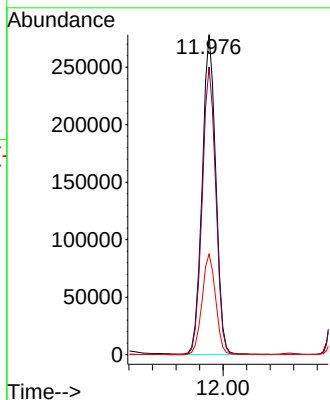
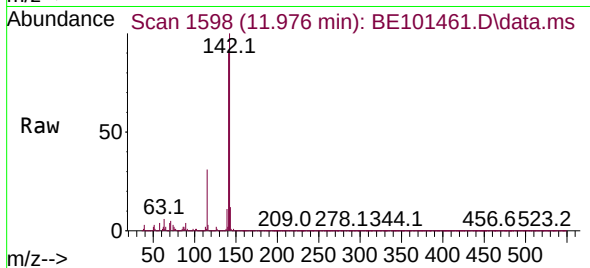




#37
2-Methylnaphthalene
Concen: 47.561 ng
RT: 11.976 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

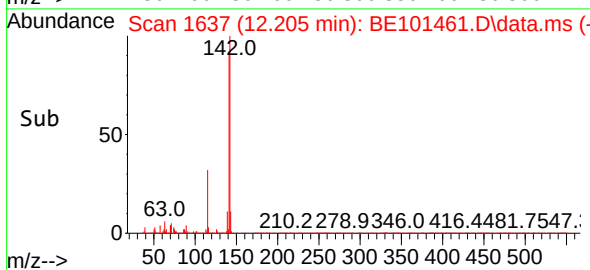
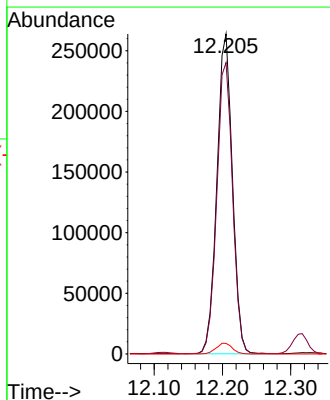
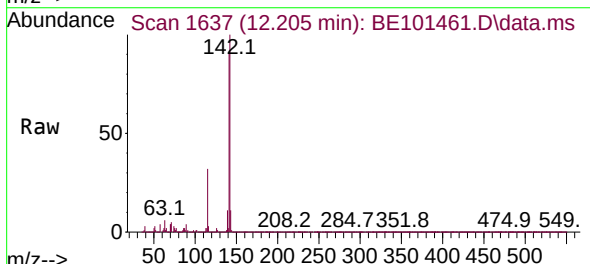
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

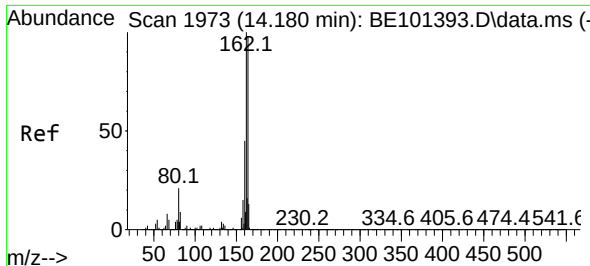
Tgt Ion:142 Resp: 446513
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2
115 31.4 25.6 38.4



#38
1-Methylnaphthalene
Concen: 44.539 ng
RT: 12.205 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:142 Resp: 417324
Ion Ratio Lower Upper
142 100
141 91.1 75.0 112.4
116 3.3 2.9 4.3

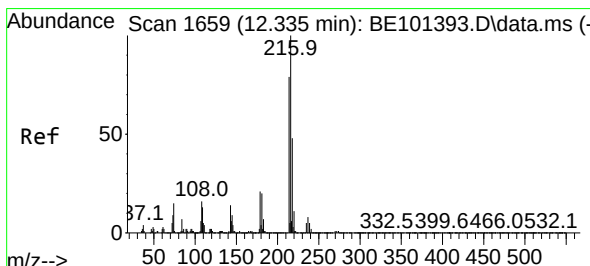
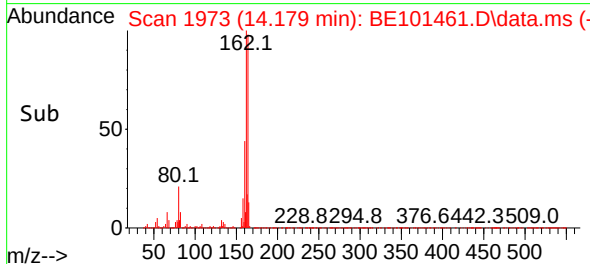
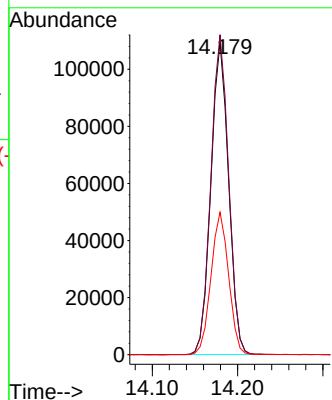
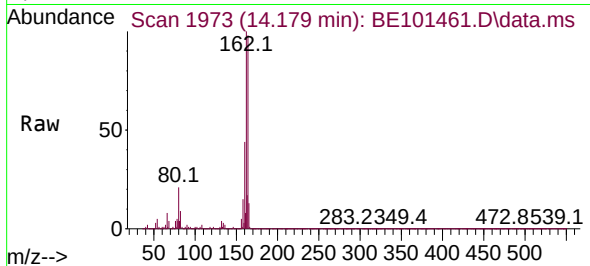




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

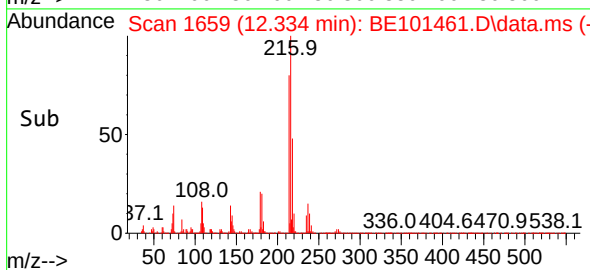
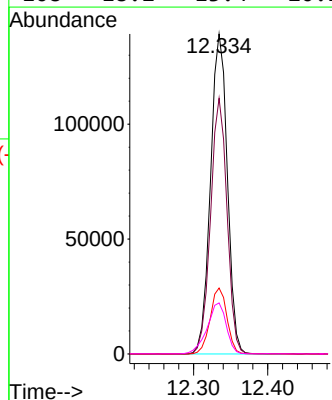
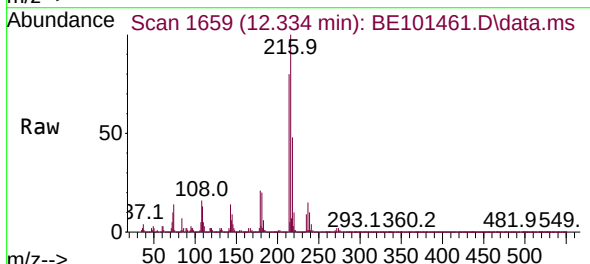
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

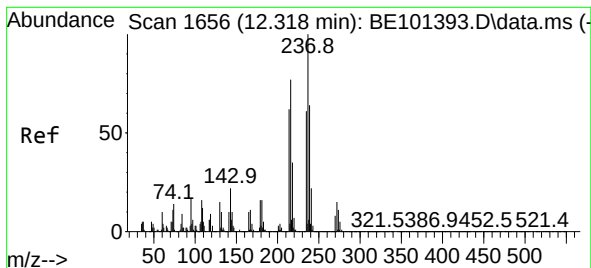
Tgt Ion:164 Resp: 157541
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.6 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.434 ng
RT: 12.334 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:216 Resp: 219234
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 20.6 16.7 25.1
108 18.2 13.4 20.2





#41

Hexachlorocyclopentadiene

Concen: 188.479 ng

RT: 12.317 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

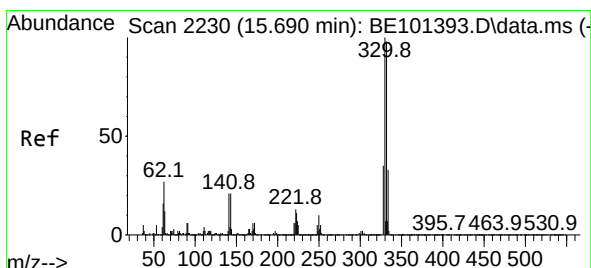
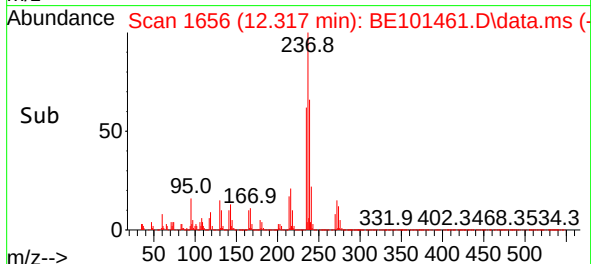
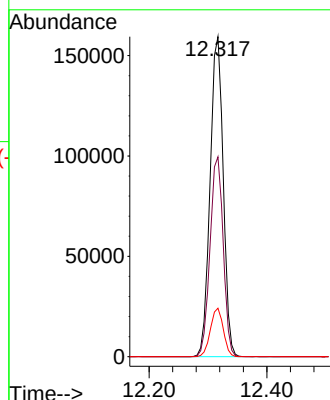
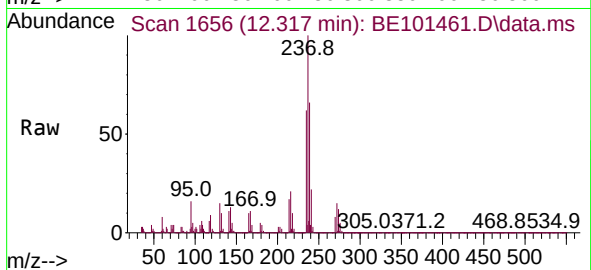
Tgt Ion:237 Resp: 246178

Ion Ratio Lower Upper

237 100

235 62.5 41.3 81.3

272 15.2 0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 115.373 ng

RT: 15.689 min Scan# 2230

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

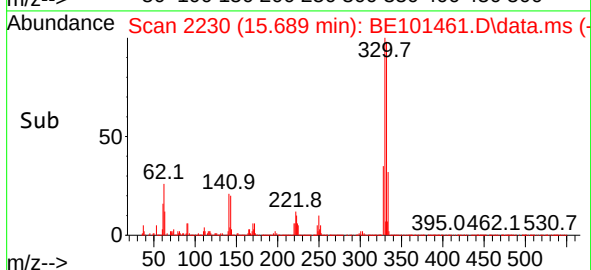
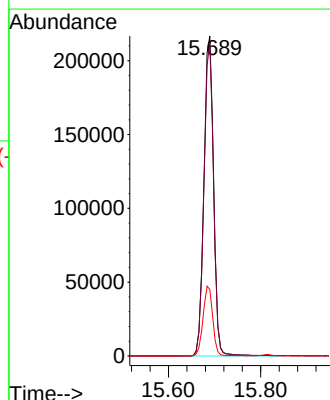
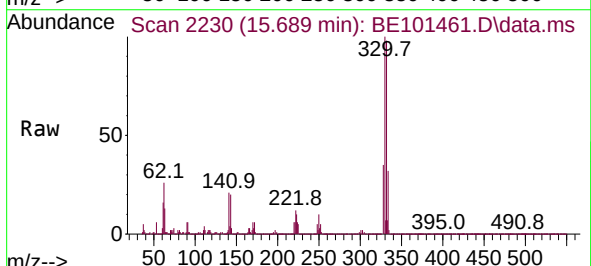
Tgt Ion:330 Resp: 318565

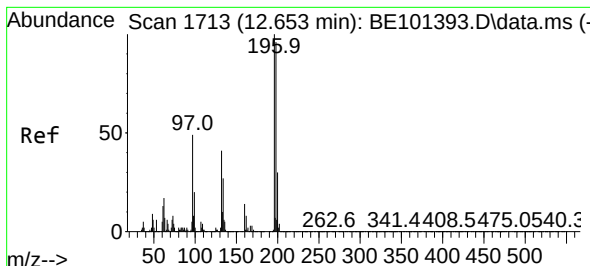
Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

141 21.8 18.3 27.5





#43

2,4,6-Trichlorophenol

Concen: 57.012 ng

RT: 12.652 min Scan# 1713

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

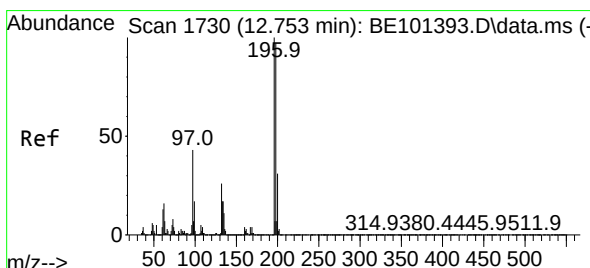
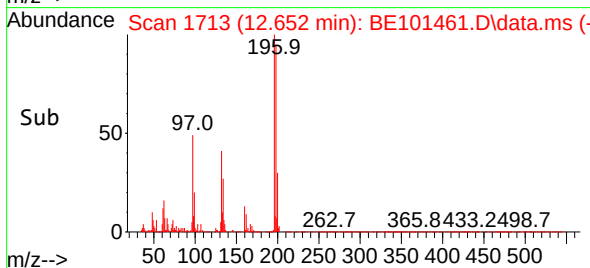
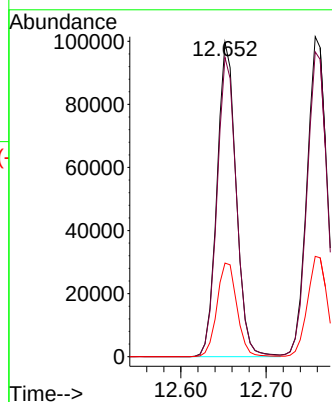
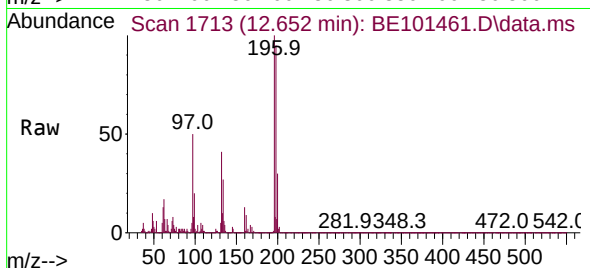
Tgt Ion:196 Resp: 155437

Ion Ratio Lower Upper

196 100

198 95.2 76.6 115.0

200 29.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 53.782 ng

RT: 12.758 min Scan# 1731

Delta R.T. 0.005 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Tgt Ion:196 Resp: 167918

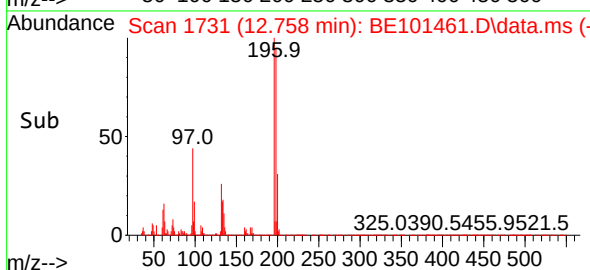
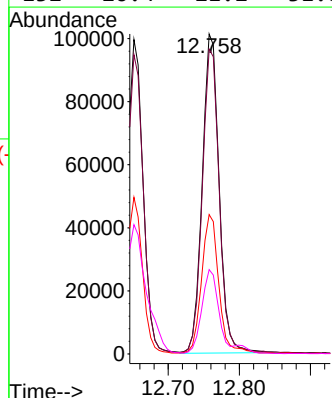
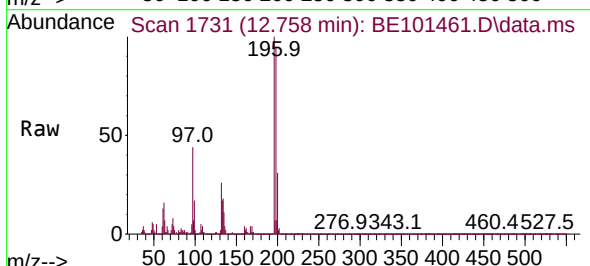
Ion Ratio Lower Upper

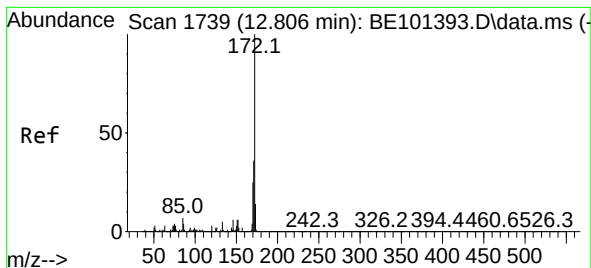
196 100

198 95.3 77.4 116.0

97 43.6 34.8 52.2

132 26.4 21.2 31.8





#45

2-Fluorobiphenyl

Concen: 79.842 ng

RT: 12.799 min Scan# 1738

Delta R.T. -0.007 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

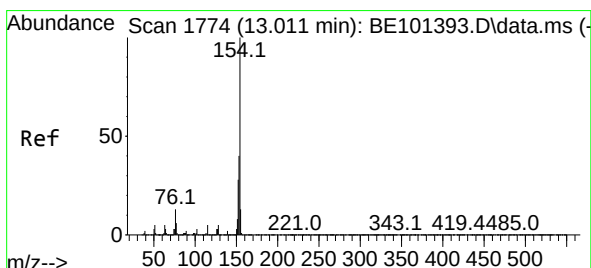
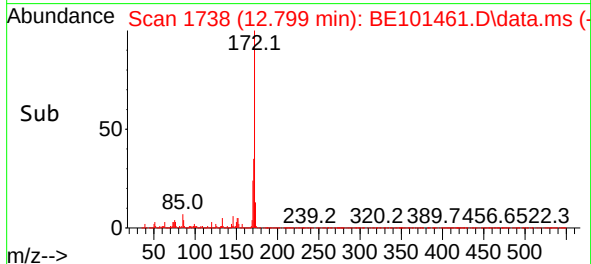
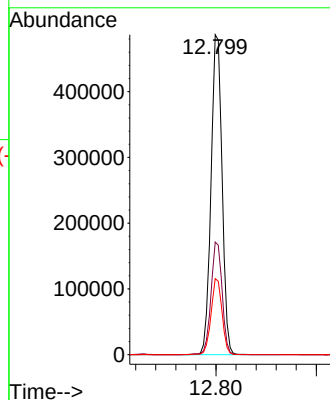
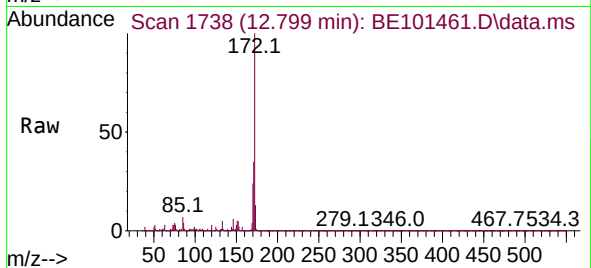
Tgt Ion:172 Resp: 742733

Ion Ratio Lower Upper

172 100

171 35.2 29.2 43.8

170 23.7 19.8 29.6



#46

1,1'-Biphenyl

Concen: 52.140 ng

RT: 13.004 min Scan# 1773

Delta R.T. -0.007 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

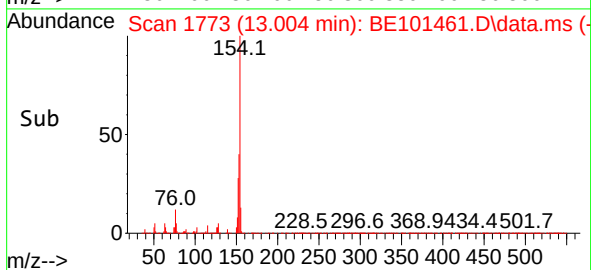
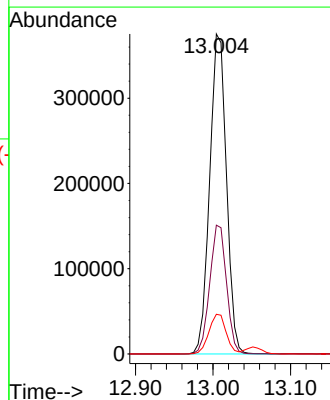
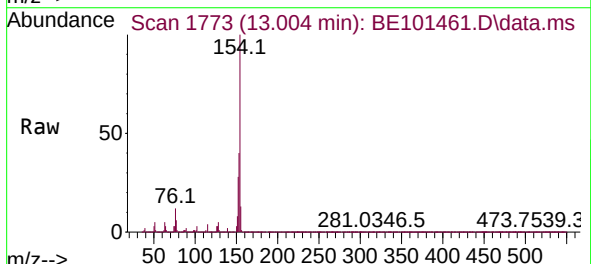
Tgt Ion:154 Resp: 562768

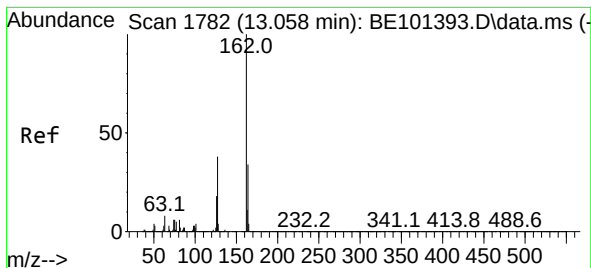
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 12.4 0.0 32.6

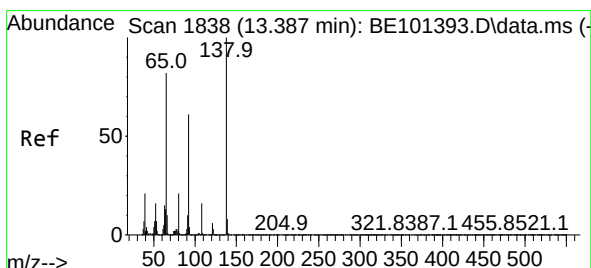
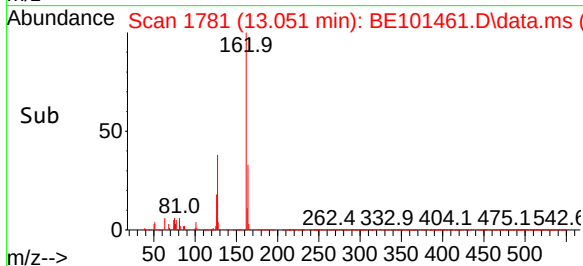
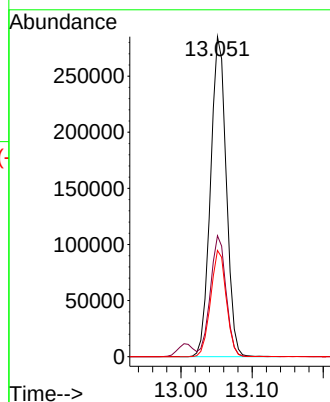
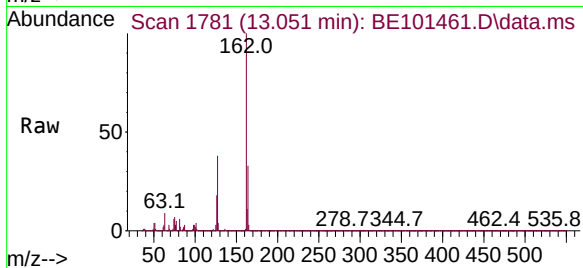




#47
2-Chloronaphthalene
Concen: 51.487 ng
RT: 13.051 min Scan# 1782
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

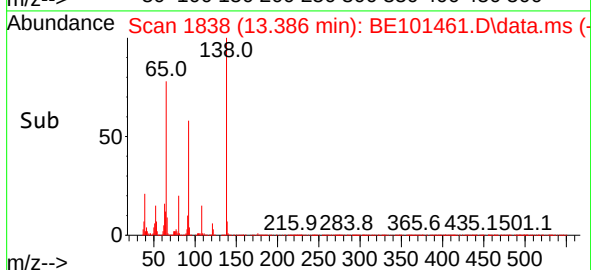
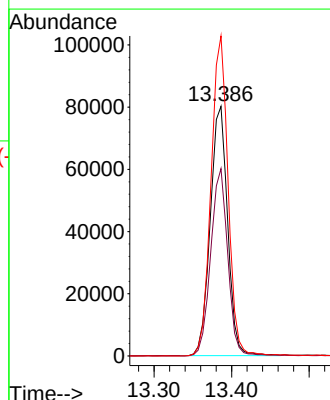
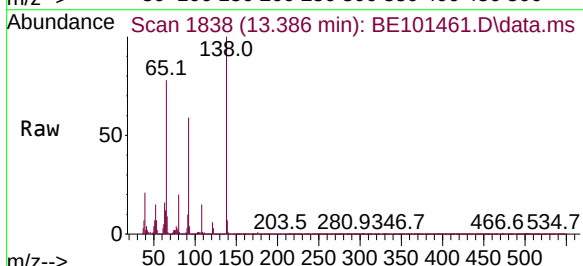
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

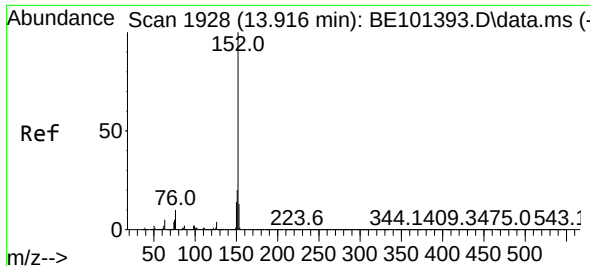
Tgt Ion:162 Resp: 439051
Ion Ratio Lower Upper
162 100
127 37.8 30.4 45.6
164 33.2 27.0 40.6



#48
2-Nitroaniline
Concen: 54.405 ng
RT: 13.386 min Scan# 1838
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion: 65 Resp: 124853
Ion Ratio Lower Upper
65 100
92 75.0 59.0 88.4
138 128.2 97.4 146.0

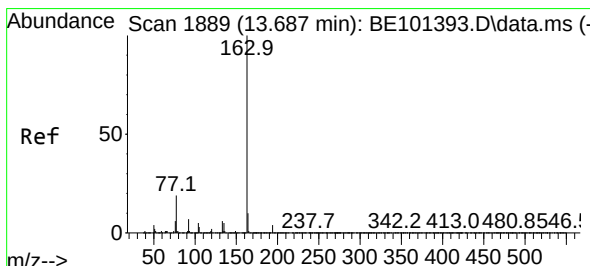
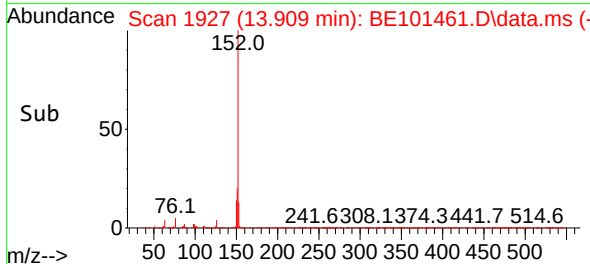
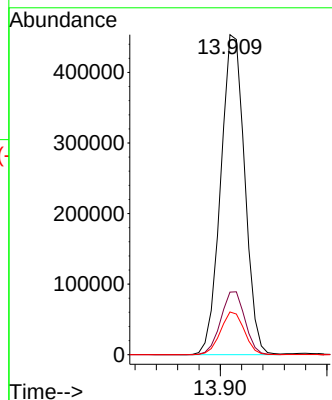
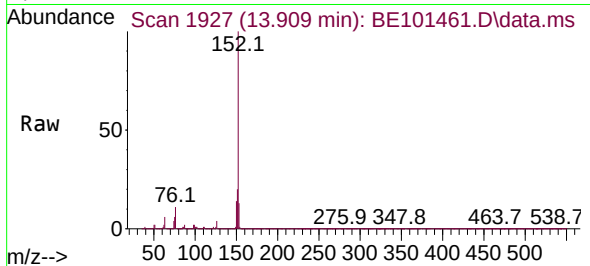




#49
Acenaphthylene
Concen: 56.131 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

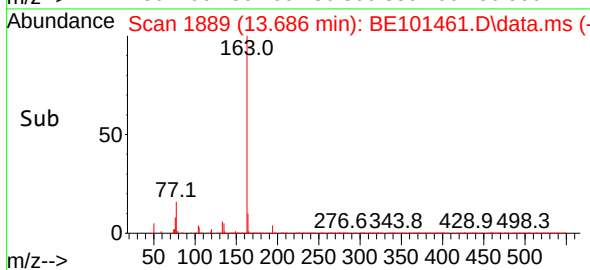
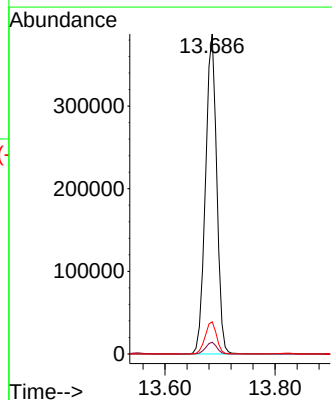
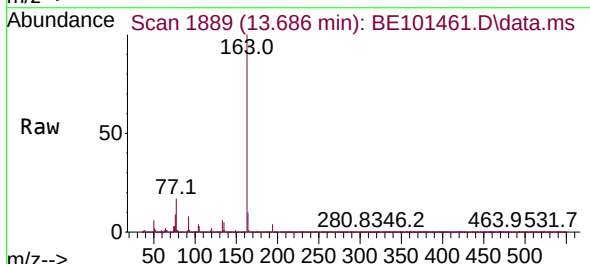
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

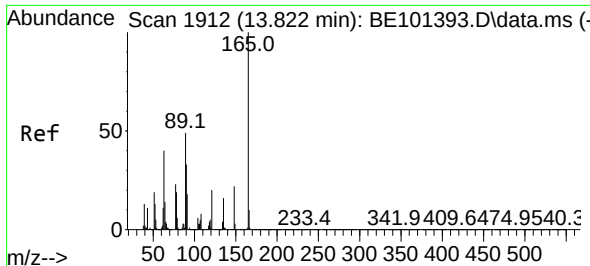
Tgt Ion:152 Resp: 707845
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 49.183 ng
RT: 13.686 min Scan# 1889
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:163 Resp: 546933
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.1 8.4 12.6

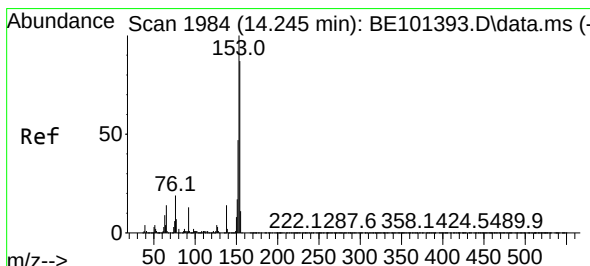
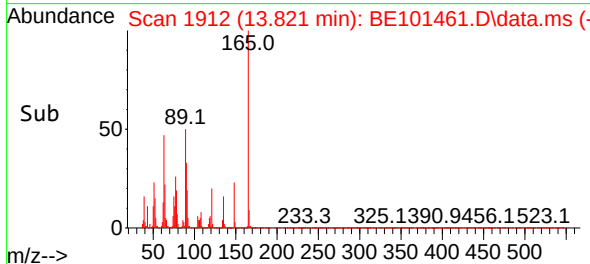
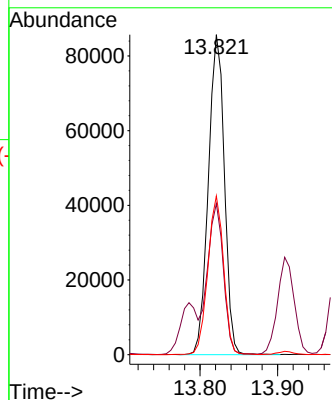
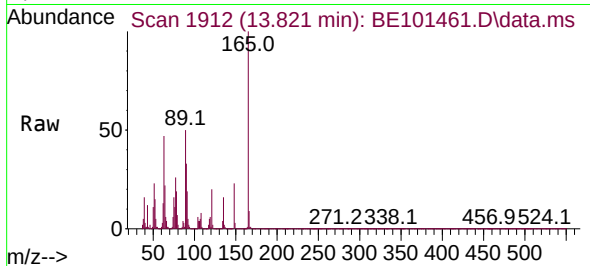




#51
2,6-Dinitrotoluene
Concen: 47.822 ng
RT: 13.821 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

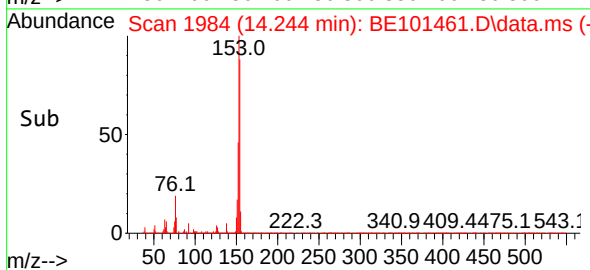
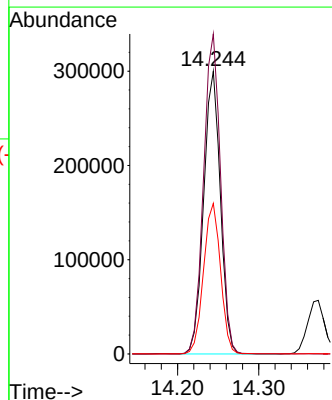
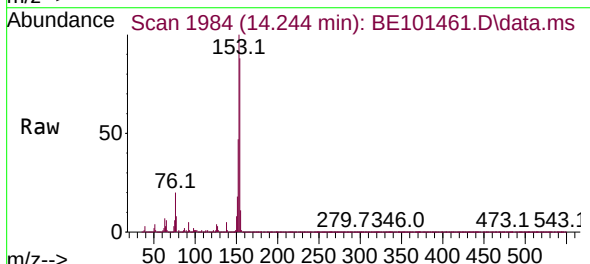
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

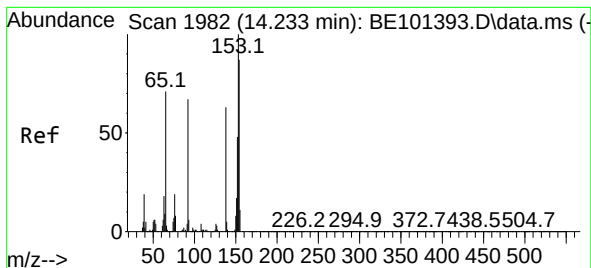
Tgt Ion:165 Resp: 122779
Ion Ratio Lower Upper
165 100
63 47.2 38.0 57.0
89 49.6 39.5 59.3



#52
Acenaphthene
Concen: 51.881 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:154 Resp: 427213
Ion Ratio Lower Upper
154 100
153 113.2 91.8 137.6
152 53.3 43.1 64.7

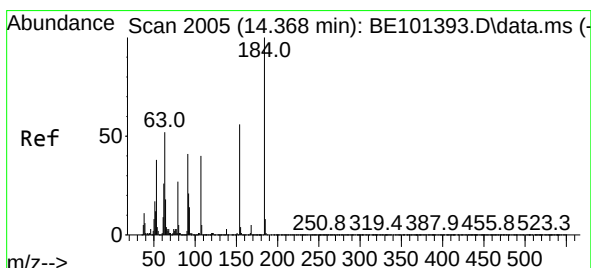
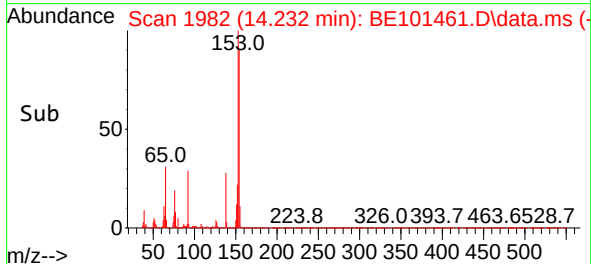
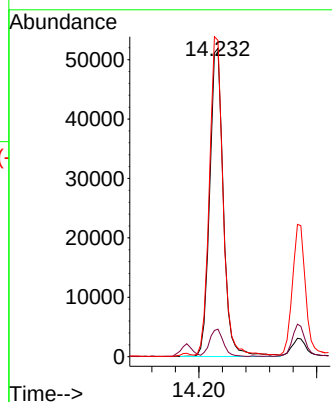
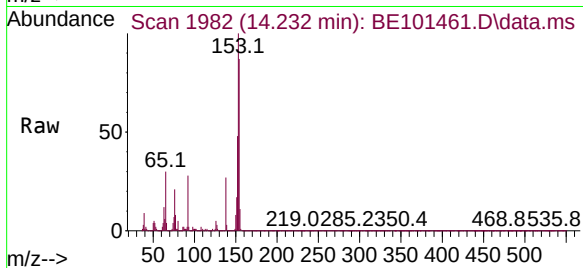




#53
3-Nitroaniline
Concen: 32.703 ng
RT: 14.232 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

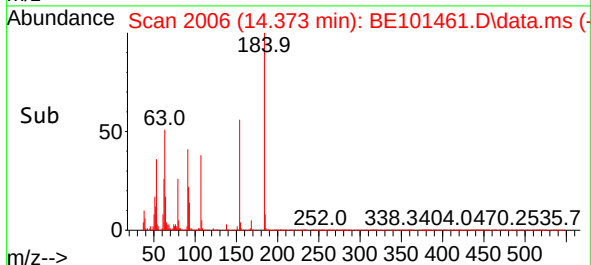
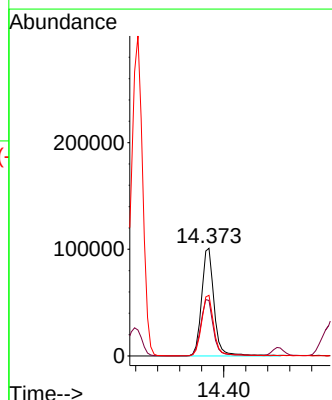
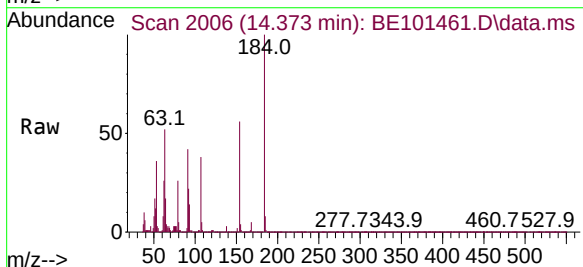
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

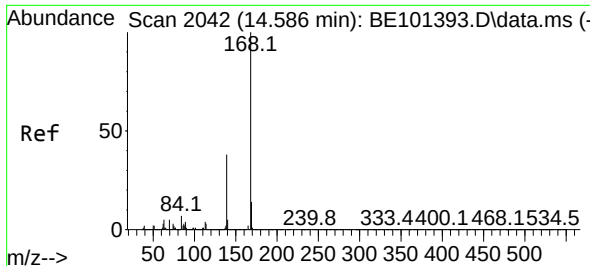
Tgt Ion:138 Resp: 83489
Ion Ratio Lower Upper
138 100
108 8.9 7.1 10.7
92 102.6 84.4 126.6



#54
2,4-Dinitrophenol
Concen: 86.949 ng
RT: 14.373 min Scan# 2006
Delta R.T. 0.005 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:184 Resp: 159573
Ion Ratio Lower Upper
184 100
63 51.5 41.8 62.6
154 56.3 44.9 67.3

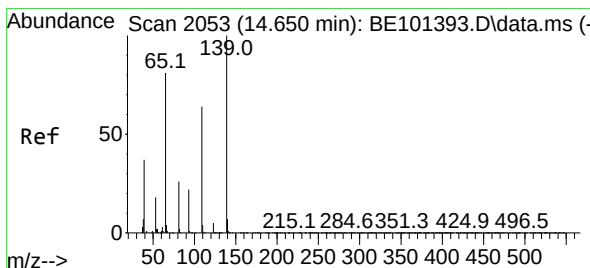
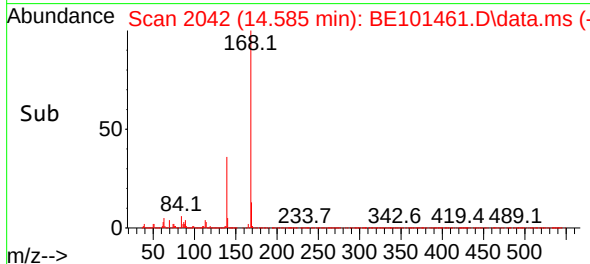
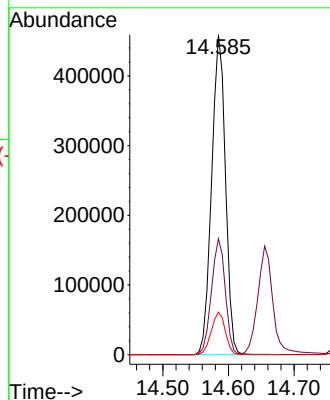
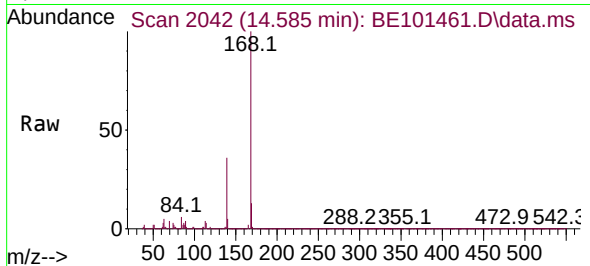




#55
Dibenzenofuran
Concen: 51.073 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

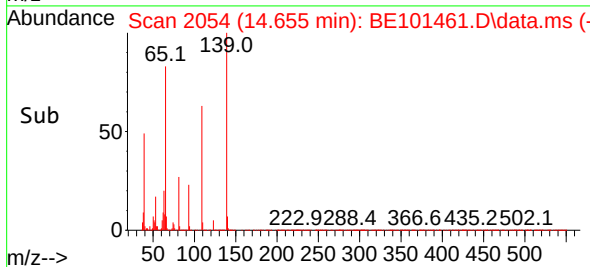
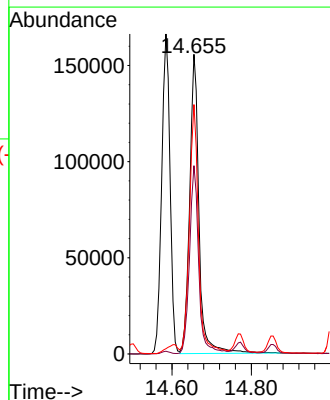
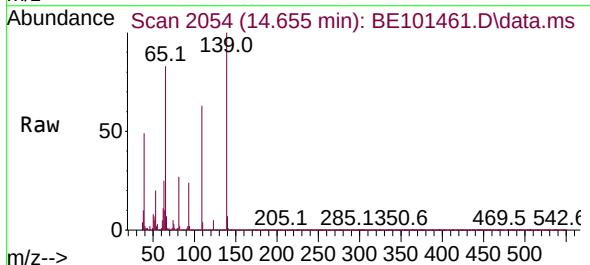
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

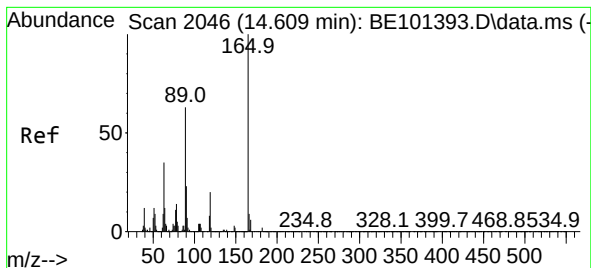
Tgt Ion:168 Resp: 670312
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.4
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 109.419 ng
RT: 14.655 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:139 Resp: 255810
Ion Ratio Lower Upper
139 100
109 62.8 42.4 82.4
65 83.3 63.4 103.4

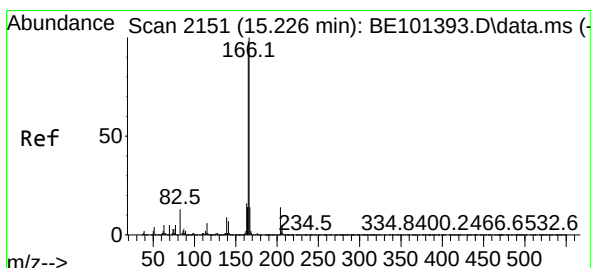
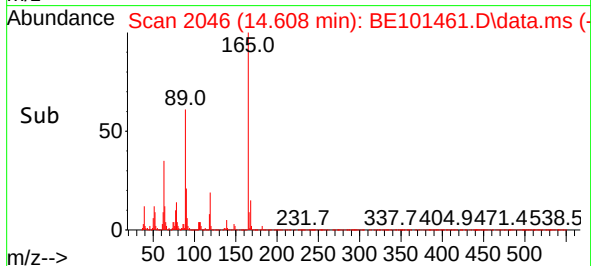
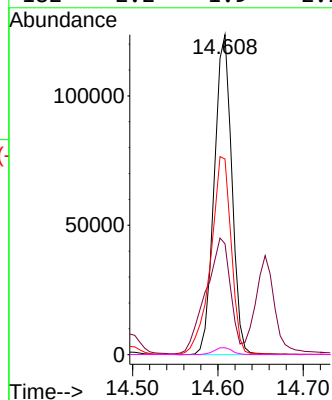
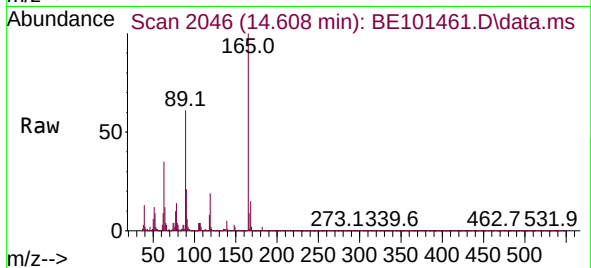




#57
2,4-Dinitrotoluene
Concen: 49.993 ng
RT: 14.608 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

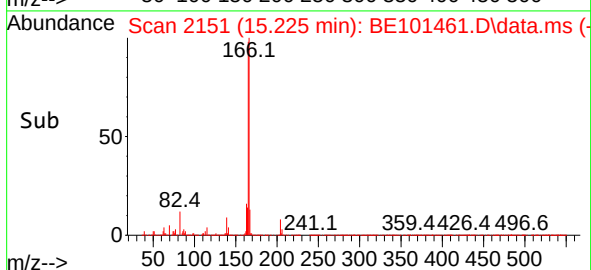
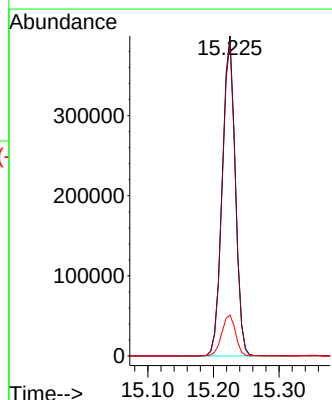
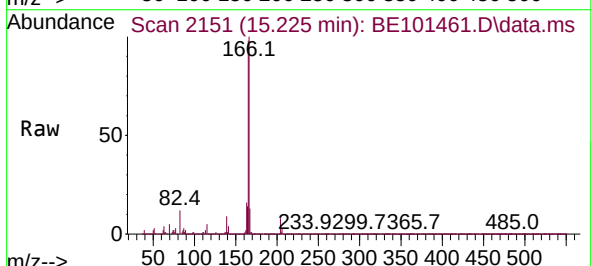
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

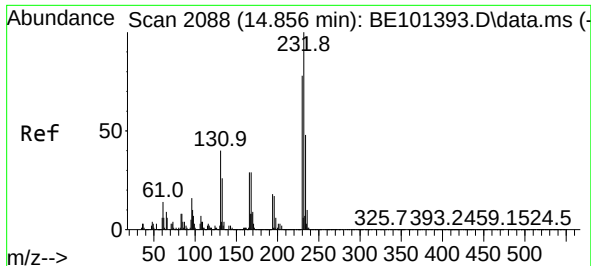
Tgt Ion:165 Resp: 176707
Ion Ratio Lower Upper
165 100
63 34.7 28.6 42.8
89 61.2 50.8 76.2
182 2.2 1.9 2.9



#58
Fluorene
Concen: 50.074 ng
RT: 15.225 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:166 Resp: 549781
Ion Ratio Lower Upper
166 100
165 98.1 78.7 118.1
167 12.8 11.0 16.4

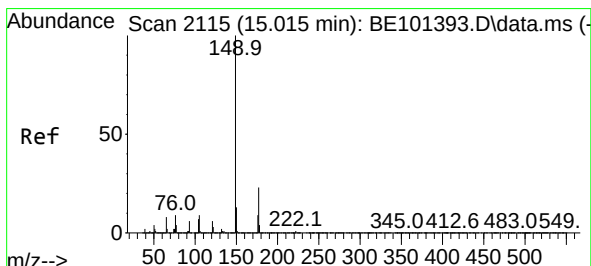
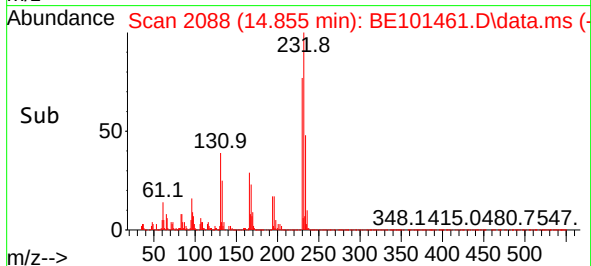
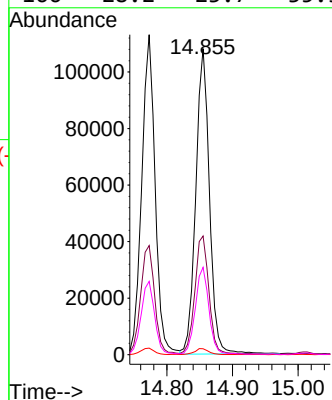
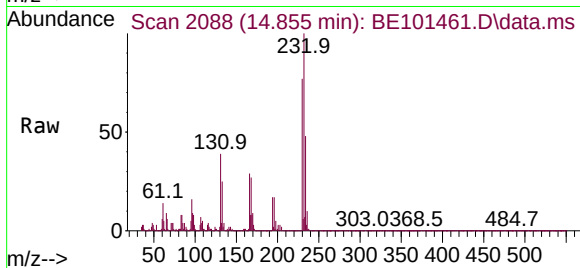




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.305 ng
RT: 14.855 min Scan# 2088
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

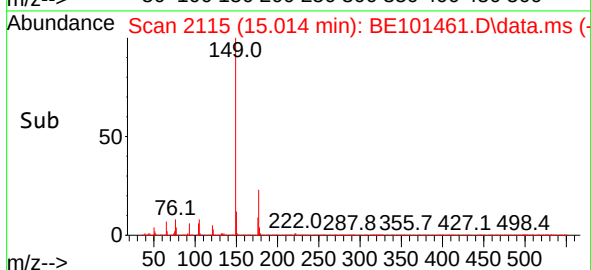
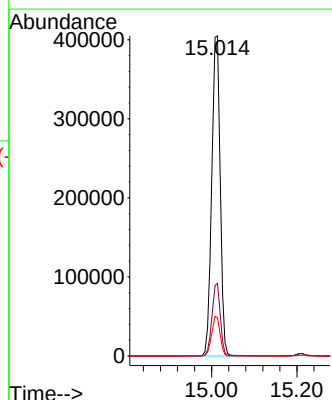
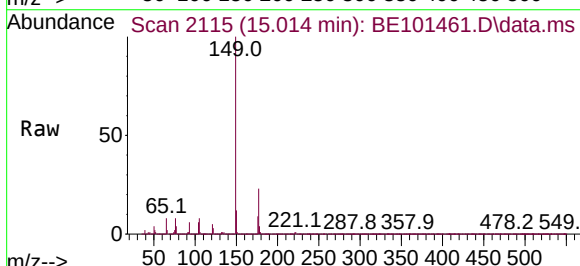
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

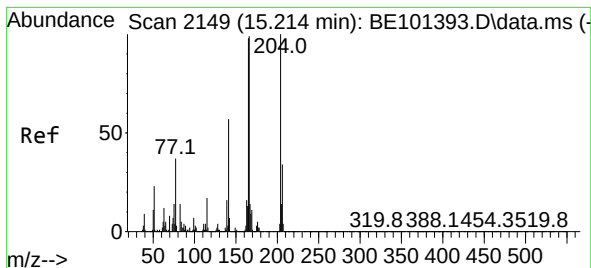
Tgt Ion:232 Resp: 156652
Ion Ratio Lower Upper
232 100
131 39.5 33.5 50.3
130 2.0 1.6 2.4
166 28.2 23.7 35.5



#60
Diethylphthalate
Concen: 47.957 ng
RT: 15.014 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:149 Resp: 557820
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.0 10.3 15.5

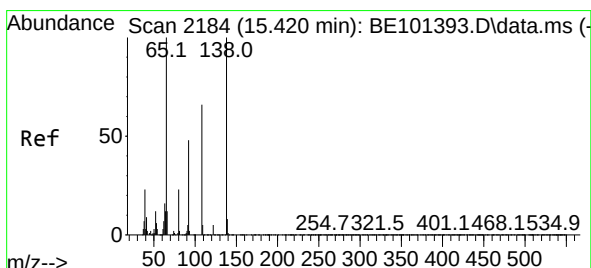
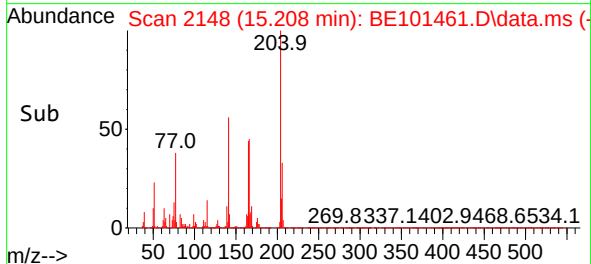
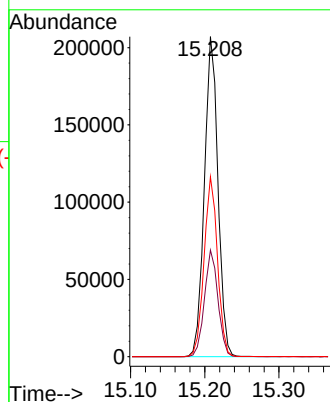
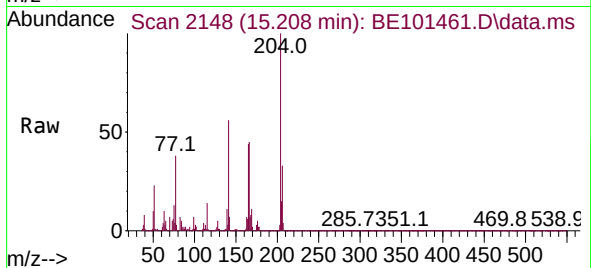




#61
4-Chlorophenyl-phenylether
Concen: 48.502 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

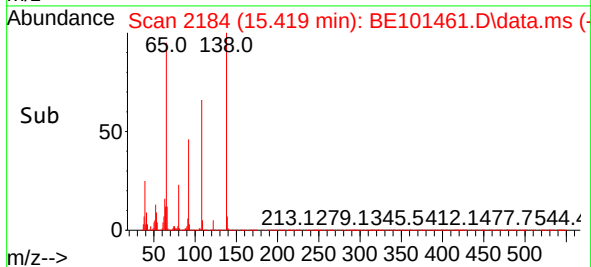
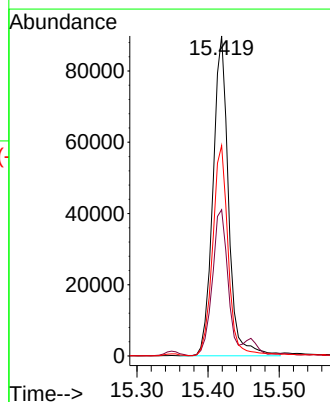
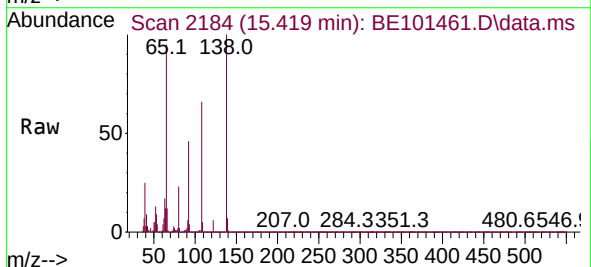
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

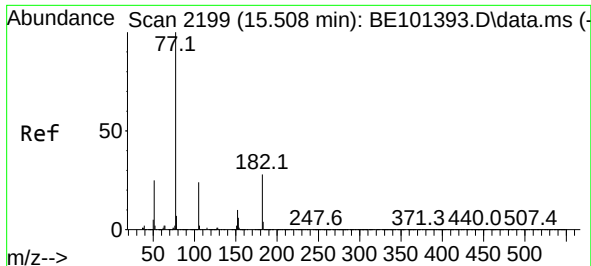
Tgt Ion:204 Resp: 264253
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 56.2 45.9 68.9



#62
4-Nitroaniline
Concen: 48.038 ng
RT: 15.419 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:138 Resp: 136468
Ion Ratio Lower Upper
138 100
92 45.7 28.7 68.7
108 65.8 46.5 86.5



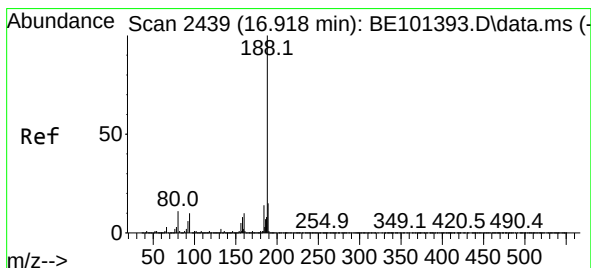
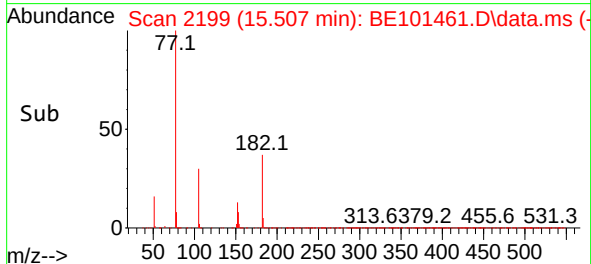
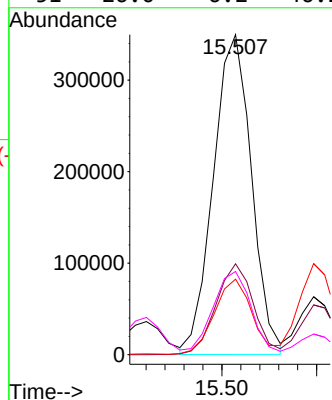
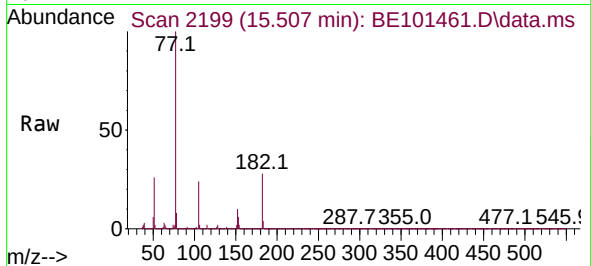


#63
Azobenzene
Concen: 48.873 ng
RT: 15.507 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

Tgt Ion: 77 Resp: 488635

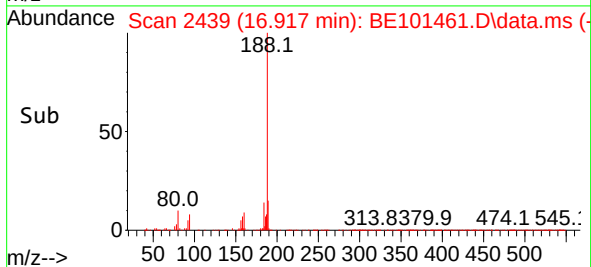
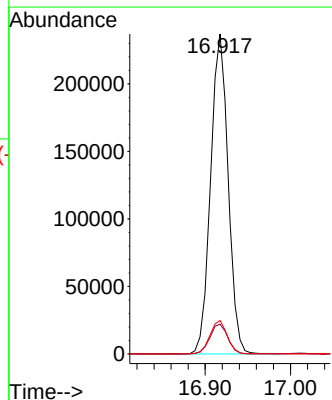
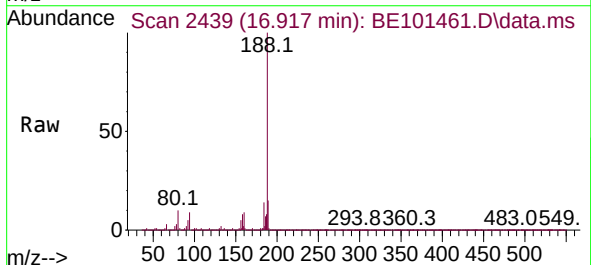
Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.6	47.6
105	23.6	3.2	43.2
51	26.0	6.2	46.2

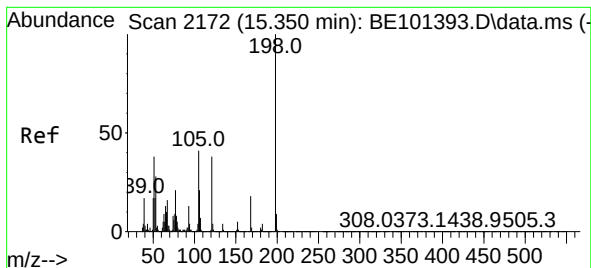


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion: 188 Resp: 337929

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.4	8.6	12.8

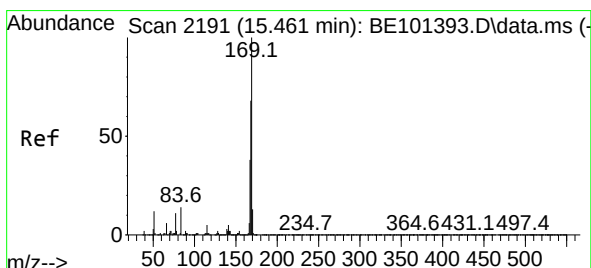
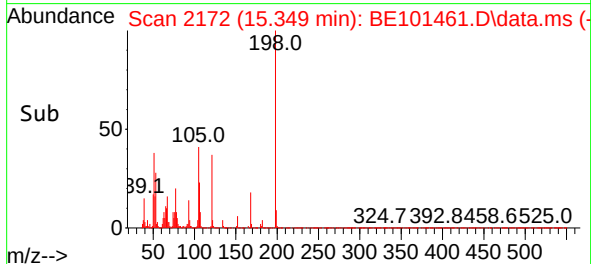
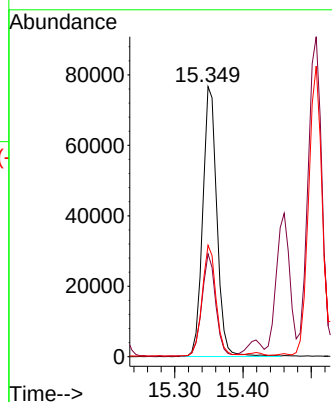
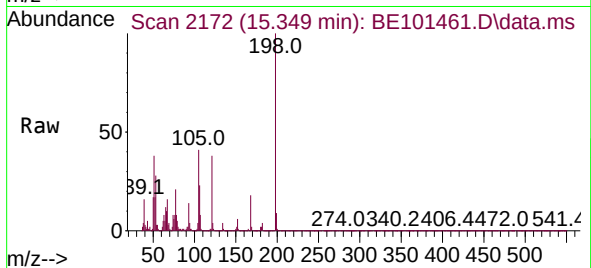




#65
4,6-Dinitro-2-methylphenol
Concen: 55.801 ng
RT: 15.349 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

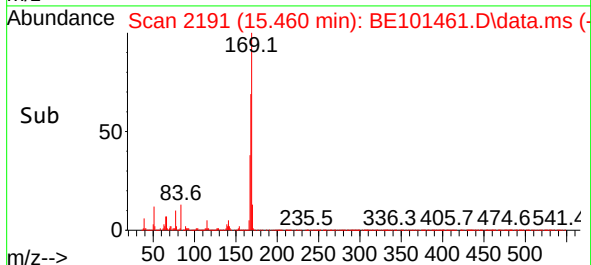
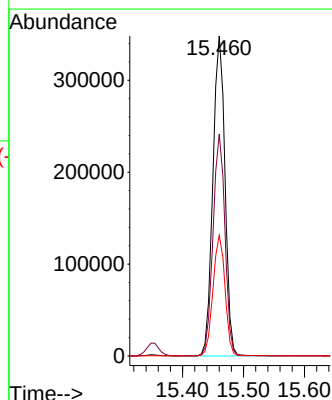
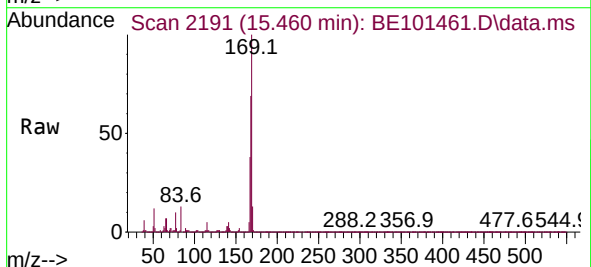
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

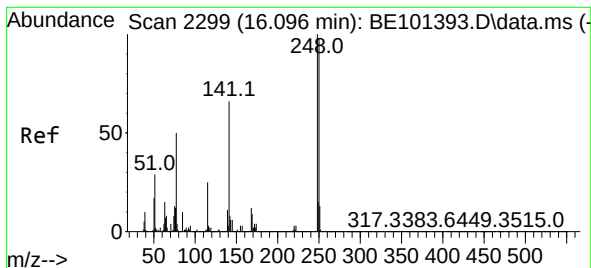
Tgt Ion:198 Resp: 110806
Ion Ratio Lower Upper
198 100
51 38.1 18.2 58.2
105 41.3 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 53.639 ng
RT: 15.460 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:169 Resp: 480687
Ion Ratio Lower Upper
169 100
168 69.3 54.5 81.7
167 37.7 30.4 45.6

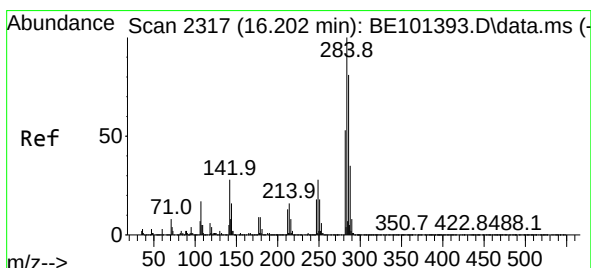
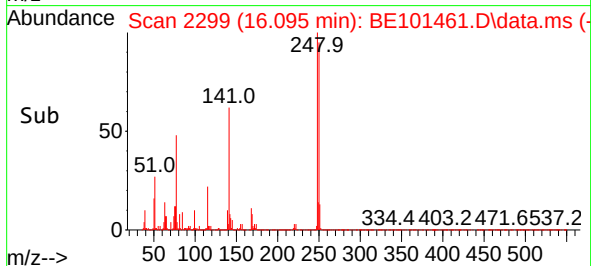
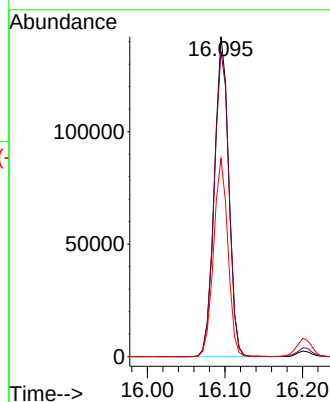
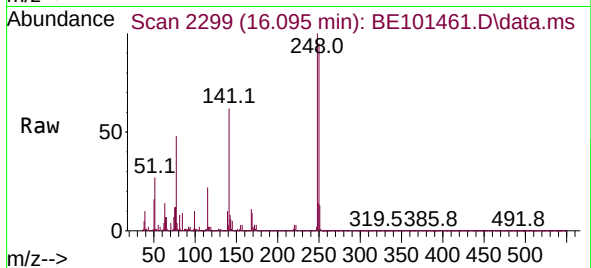




#67
4-Bromophenyl-phenylether
Concen: 51.636 ng
RT: 16.095 min Scan# 211
Delta R.T. -0.001 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

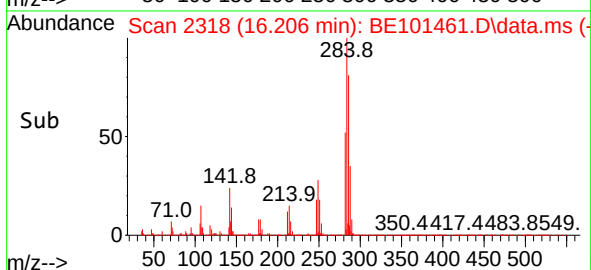
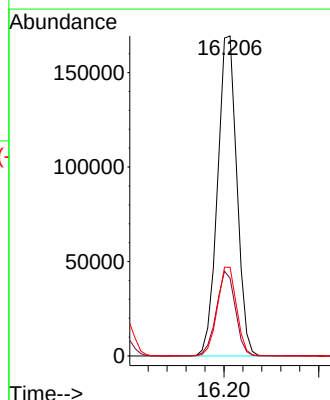
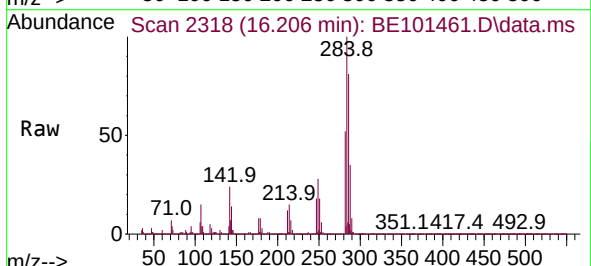
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

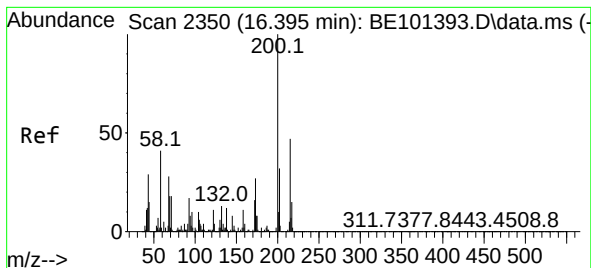
Tgt Ion:248 Resp: 183552
Ion Ratio Lower Upper
248 100
250 95.4 78.2 117.2
141 61.9 53.0 79.4



#68
Hexachlorobenzene
Concen: 51.404 ng
RT: 16.206 min Scan# 2318
Delta R.T. 0.004 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:284 Resp: 239514
Ion Ratio Lower Upper
284 100
142 24.3 22.2 33.2
249 27.7 22.8 34.2





#69

Atrazine

Concen: 63.970 ng

RT: 16.394 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

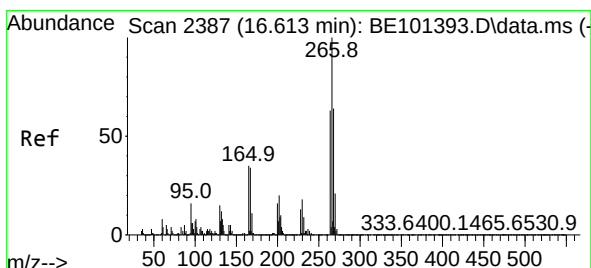
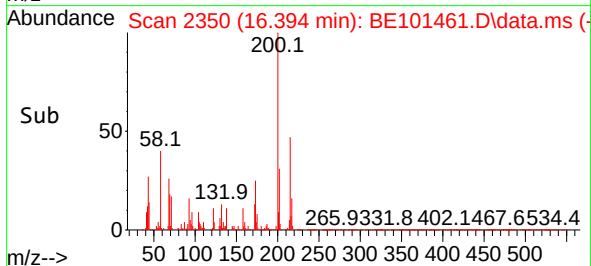
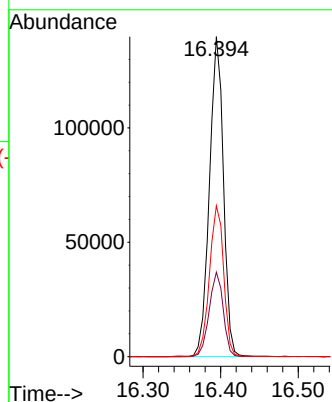
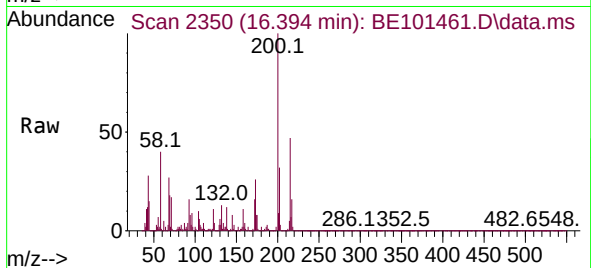
Tgt Ion:200 Resp: 175750

Ion Ratio Lower Upper

200 100

173 26.4 7.0 47.0

215 47.2 27.3 67.3



#70

Pentachlorophenol

Concen: 118.749 ng

RT: 16.612 min Scan# 2387

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

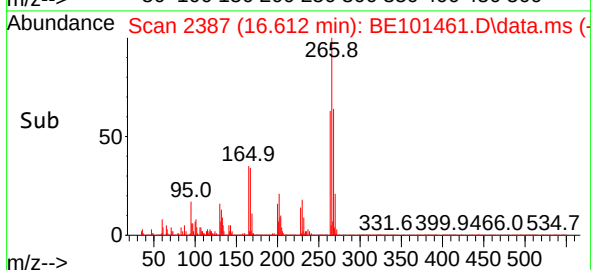
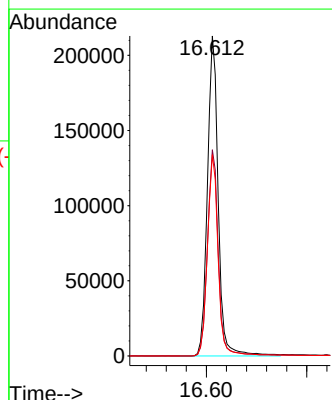
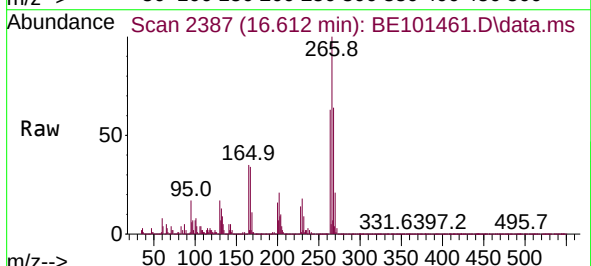
Tgt Ion:266 Resp: 318487

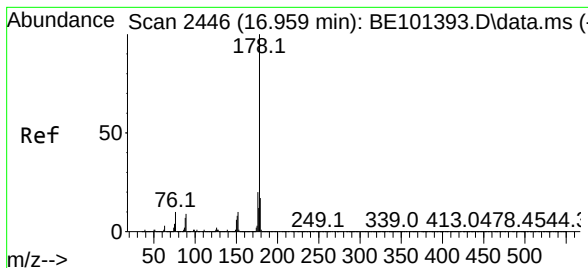
Ion Ratio Lower Upper

266 100

268 64.4 51.5 77.3

264 62.9 50.7 76.1





#71

Phenanthrene

Concen: 54.818 ng

RT: 16.958 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

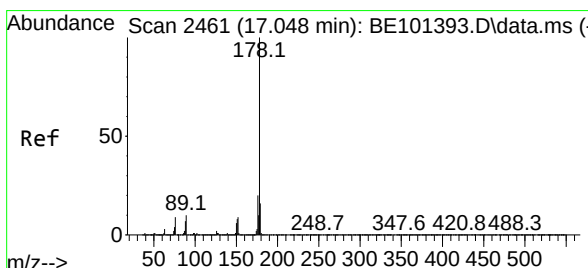
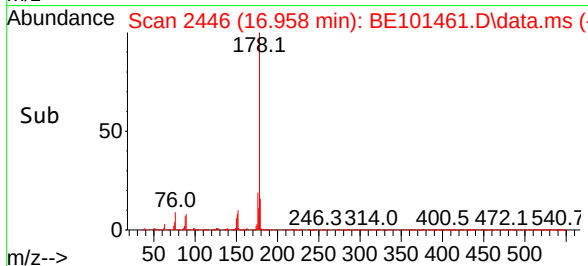
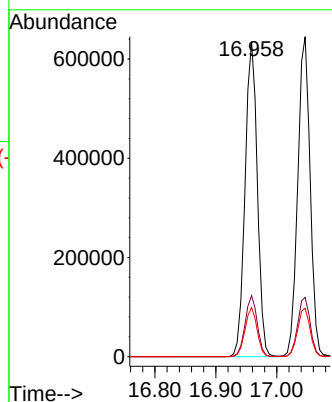
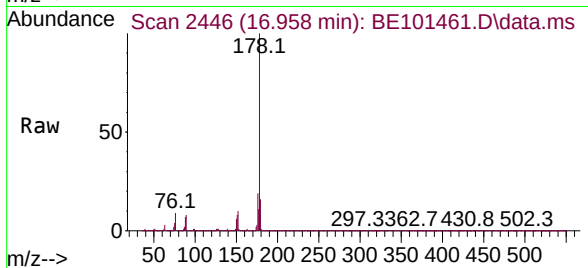
Tgt Ion:178 Resp: 886931

Ion Ratio Lower Upper

178 100

176 19.4 16.4 24.6

179 15.6 13.2 19.8



#72

Anthracene

Concen: 57.659 ng

RT: 17.047 min Scan# 2461

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

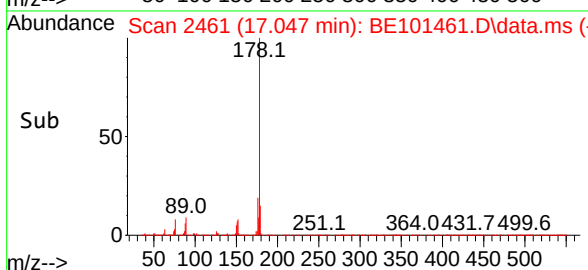
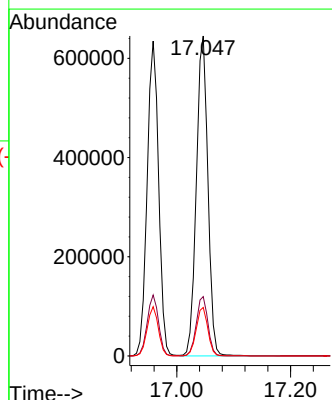
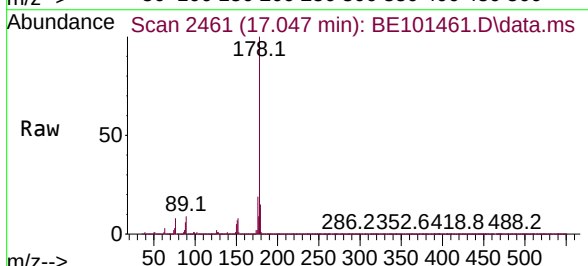
Tgt Ion:178 Resp: 910929

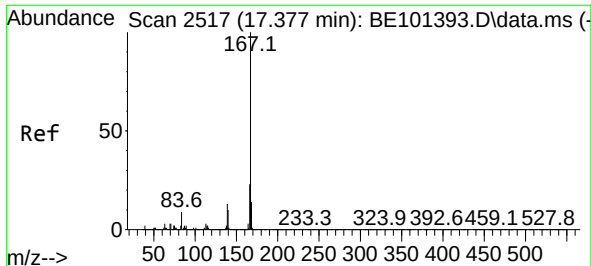
Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

179 15.2 13.1 19.7

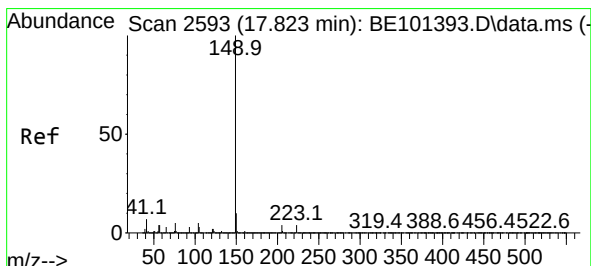
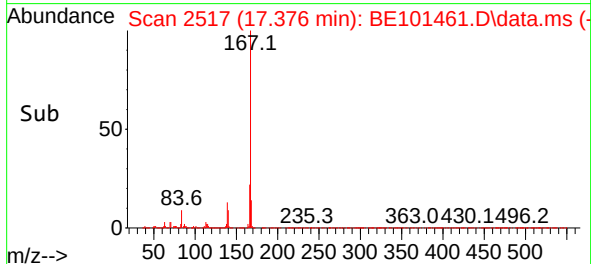
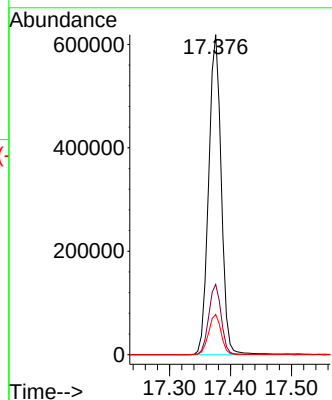
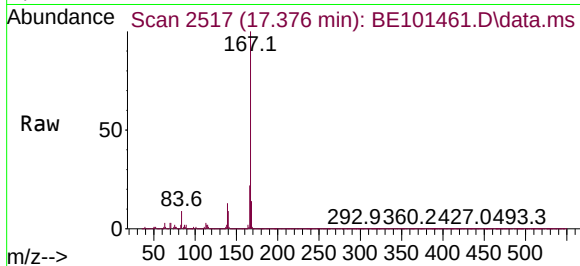




#73
 Carbazole
 Concen: 54.927 ng
 RT: 17.376 min Scan# 2517
 Delta R.T. -0.001 min
 Lab File: BE101461.D
 Acq: 4 Nov 2024 18:38

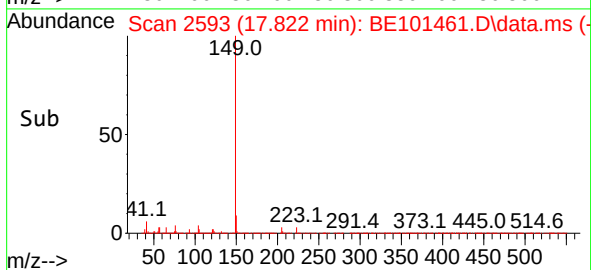
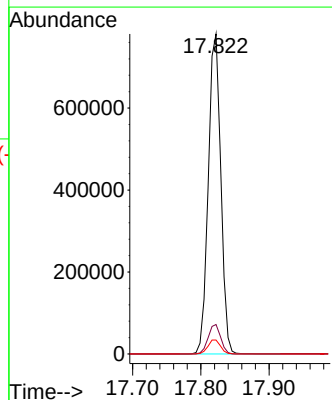
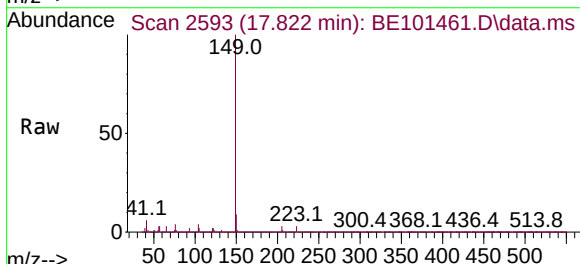
Instrument :
 BNA_E
 ClientSampleId :
 COMP-4MSD

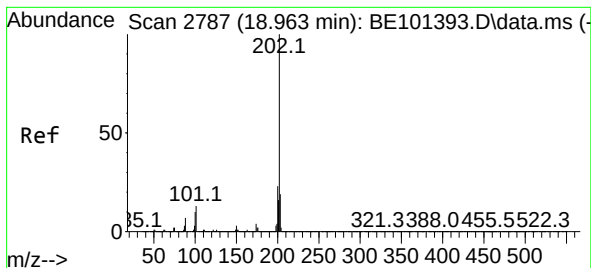
Tgt Ion:167 Resp: 887896
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.3 27.5
 139 12.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 55.908 ng
 RT: 17.822 min Scan# 2593
 Delta R.T. -0.001 min
 Lab File: BE101461.D
 Acq: 4 Nov 2024 18:38

Tgt Ion:149 Resp: 994936
 Ion Ratio Lower Upper
 149 100
 150 9.2 8.2 12.4
 104 4.4 3.9 5.9





#75

Fluoranthene

Concen: 57.897 ng

RT: 18.962 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

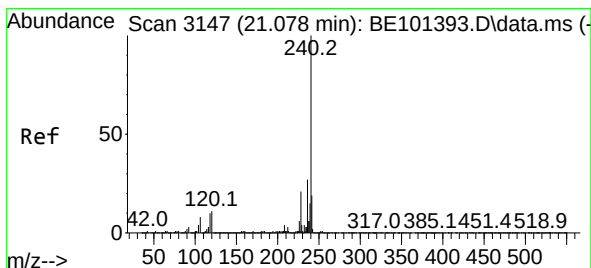
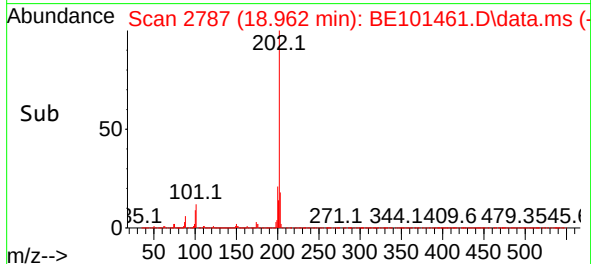
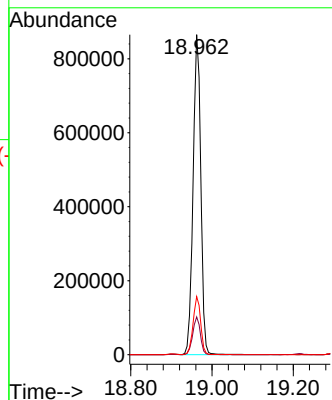
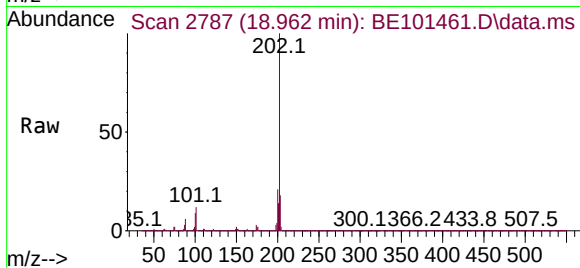
Tgt Ion:202 Resp: 1137758

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.3

203 18.2 0.0 39.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.077 min Scan# 3147

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

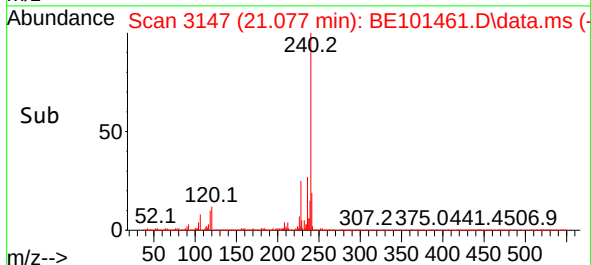
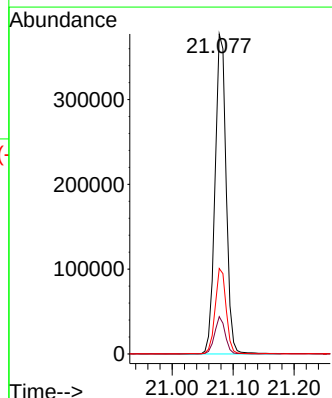
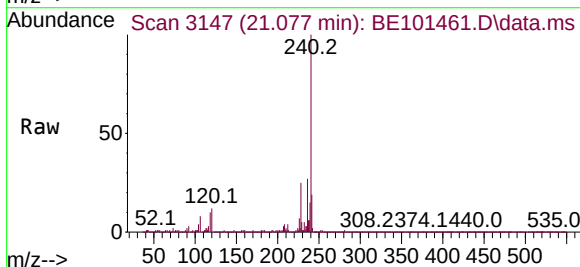
Tgt Ion:240 Resp: 477689

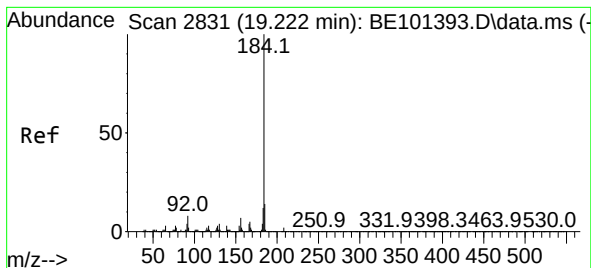
Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.4

236 26.7 21.4 32.0





#77

Benzidine

Concen: 101.746 ng

RT: 19.215 min Scan# 2831

Delta R.T. -0.007 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

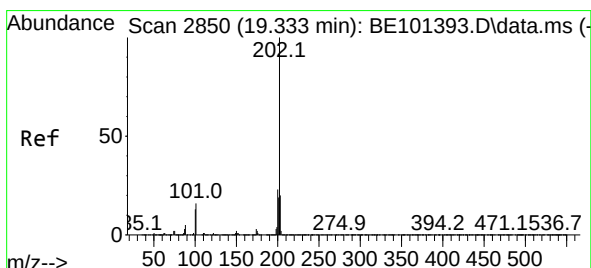
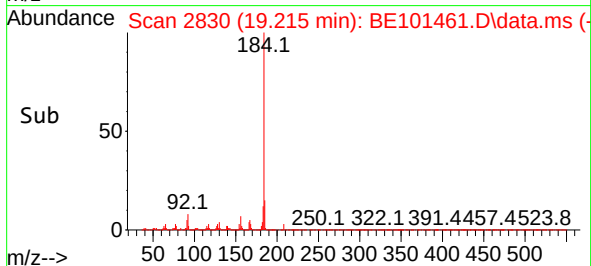
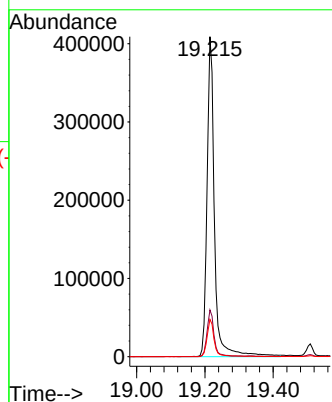
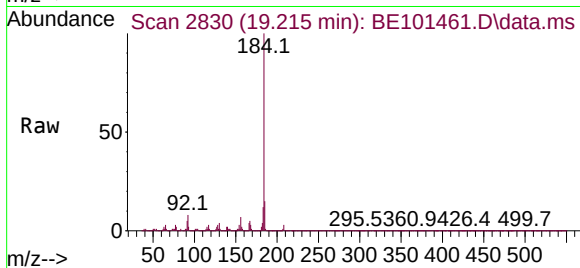
Tgt Ion:184 Resp: 616854

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 11.7 9.3 13.9



#78

Pyrene

Concen: 47.462 ng

RT: 19.332 min Scan# 2850

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

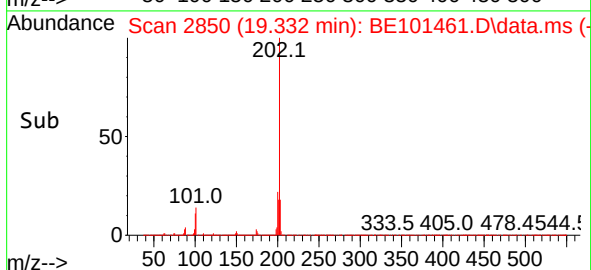
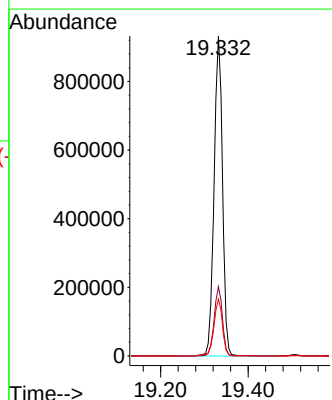
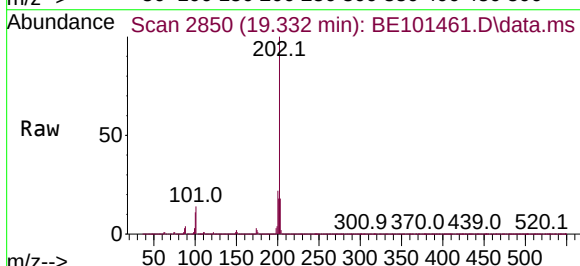
Tgt Ion:202 Resp: 1246783

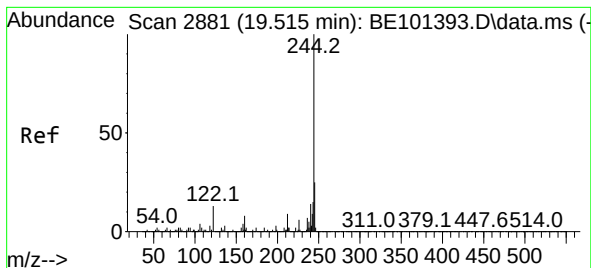
Ion Ratio Lower Upper

202 100

200 21.6 18.6 28.0

203 17.8 15.6 23.4





#79

Terphenyl-d14

Concen: 71.996 ng

RT: 19.508 min Scan# 21

Delta R.T. -0.007 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

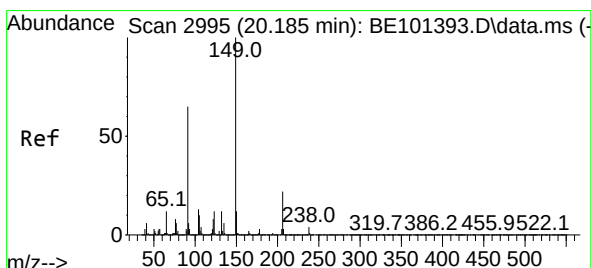
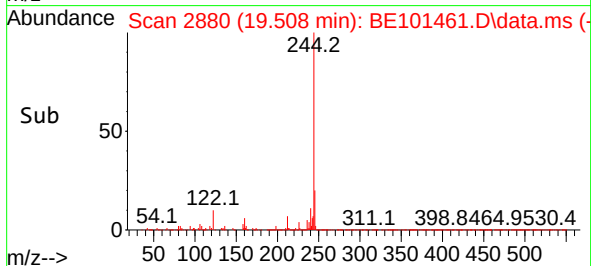
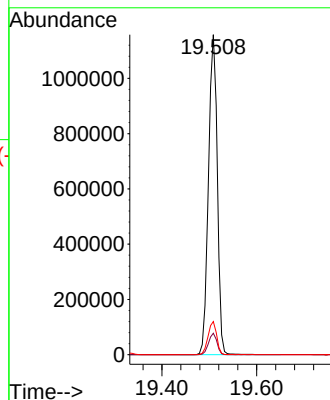
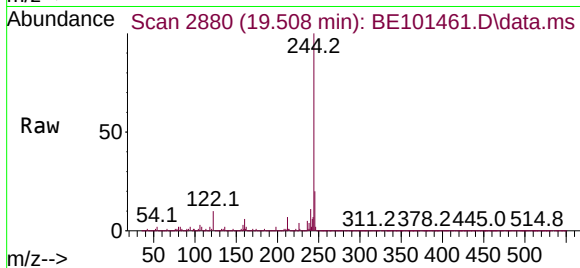
Tgt Ion:244 Resp: 1494281

Ion Ratio Lower Upper

244 100

212 6.7 7.2 10.8#

122 10.3 10.4 15.6#



#80

Butylbenzylphthalate

Concen: 49.883 ng

RT: 20.178 min Scan# 2994

Delta R.T. -0.007 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

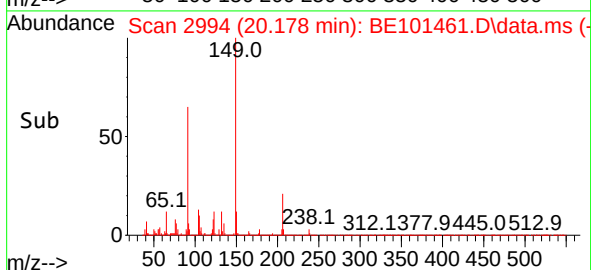
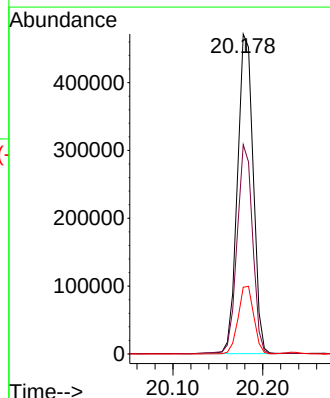
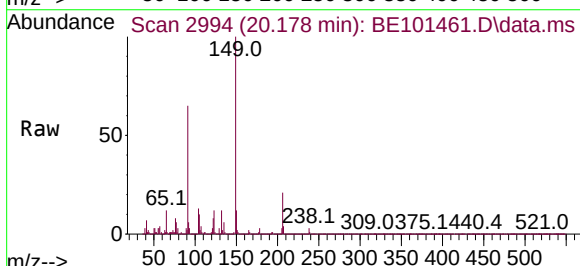
Tgt Ion:149 Resp: 574460

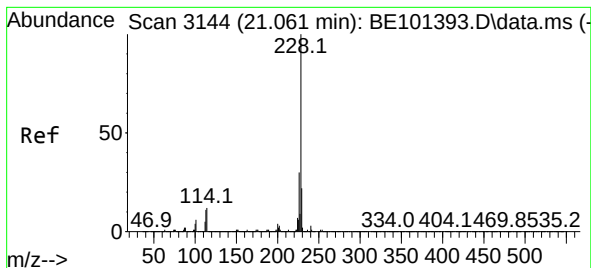
Ion Ratio Lower Upper

149 100

91 65.4 51.8 77.8

206 20.8 17.4 26.2





#81

Benzo(a)anthracene

Concen: 55.963 ng

RT: 21.060 min Scan# 3144

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

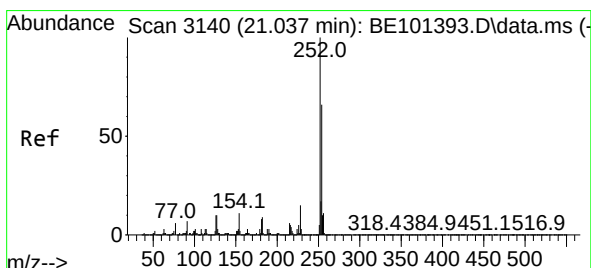
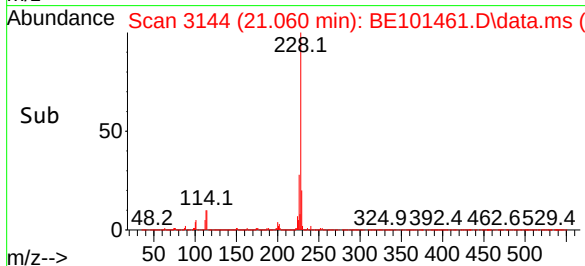
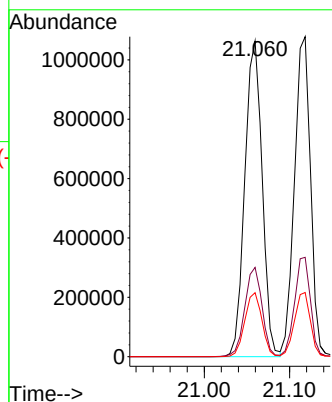
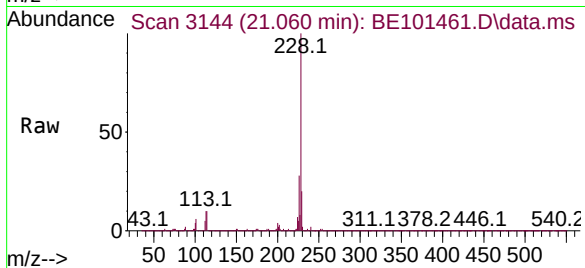
Tgt Ion:228 Resp: 1502570

Ion Ratio Lower Upper

228 100

226 28.3 24.1 36.1

229 20.3 17.3 25.9



#82

3,3'-Dichlorobenzidine

Concen: 38.520 ng

RT: 21.030 min Scan# 3139

Delta R.T. -0.007 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

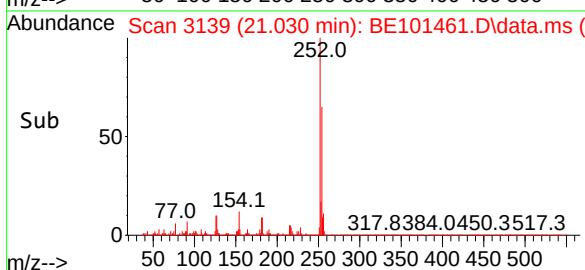
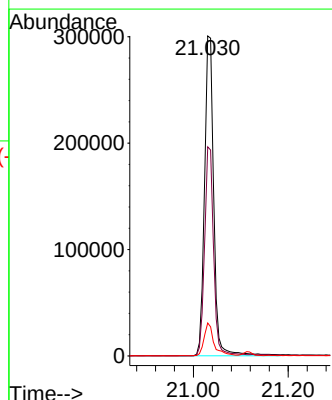
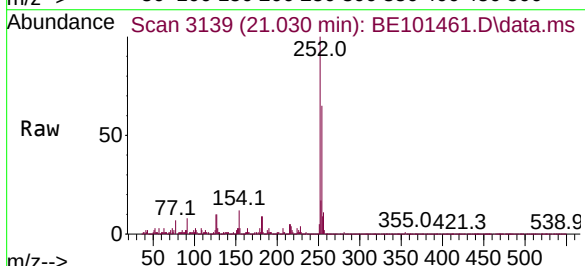
Tgt Ion:252 Resp: 405135

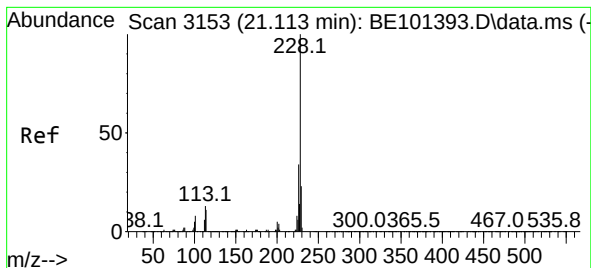
Ion Ratio Lower Upper

252 100

254 65.3 52.6 78.8

126 10.3 7.7 11.5





#83

Chrysene

Concen: 54.750 ng

RT: 21.118 min Scan# 3153

Delta R.T. 0.005 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

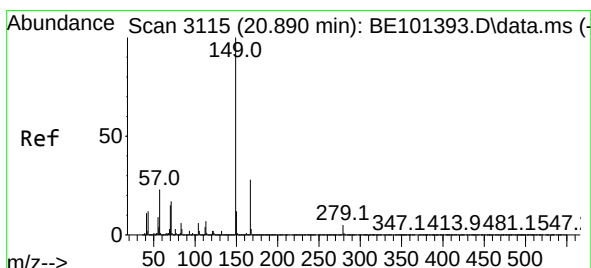
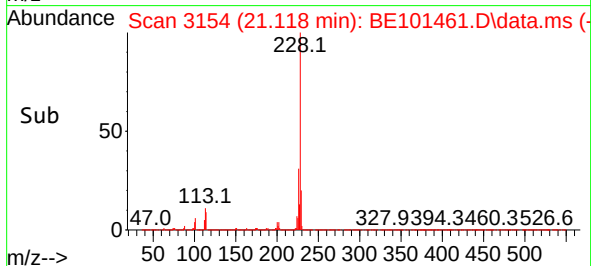
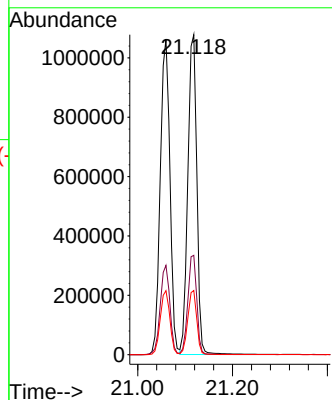
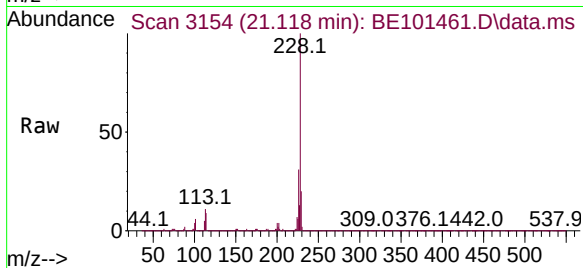
Tgt Ion:228 Resp: 1421272

Ion Ratio Lower Upper

228 100

226 31.1 27.2 40.8

229 20.1 18.0 27.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.639 ng

RT: 20.883 min Scan# 3114

Delta R.T. -0.007 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

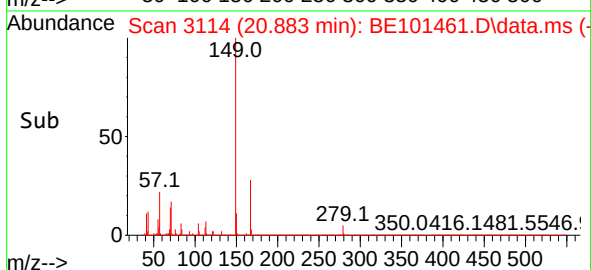
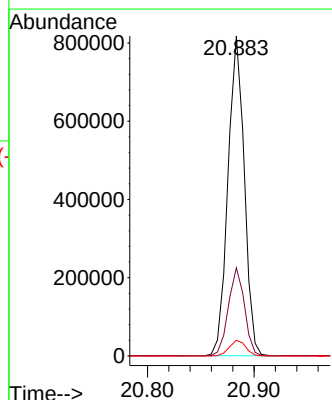
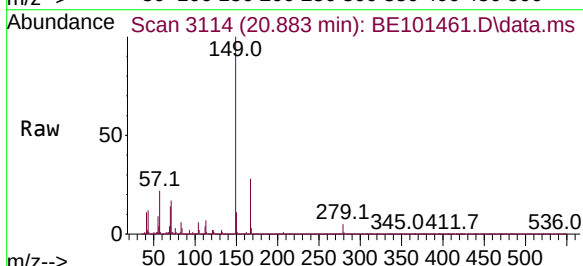
Tgt Ion:149 Resp: 866491

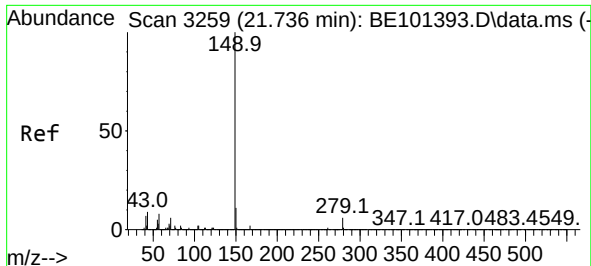
Ion Ratio Lower Upper

149 100

167 27.6 22.7 34.1

279 4.9 4.3 6.5

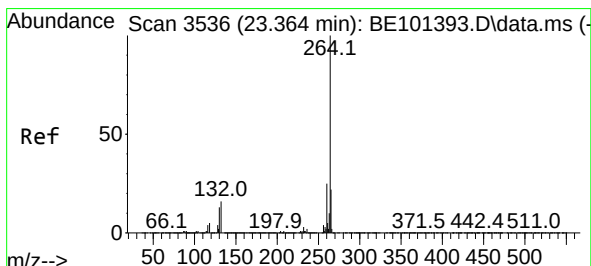
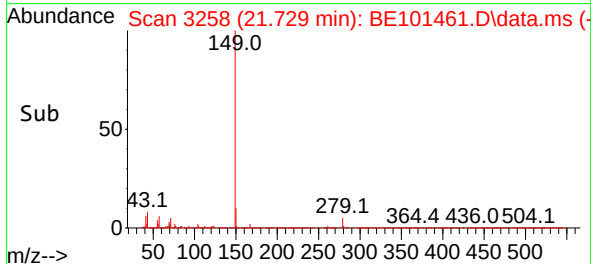
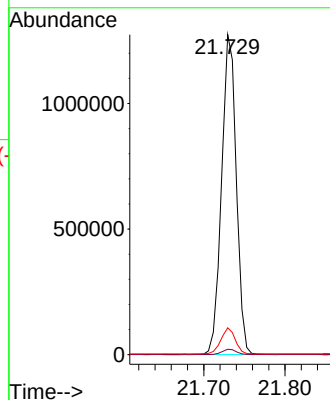
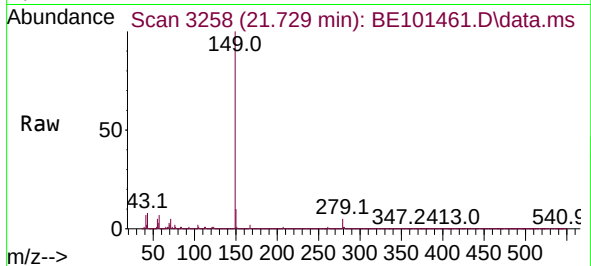




#85
Di-n-octyl phthalate
Concen: 63.887 ng
RT: 21.729 min Scan# 31
Delta R.T. -0.007 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

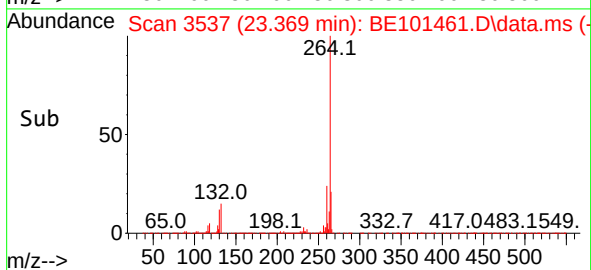
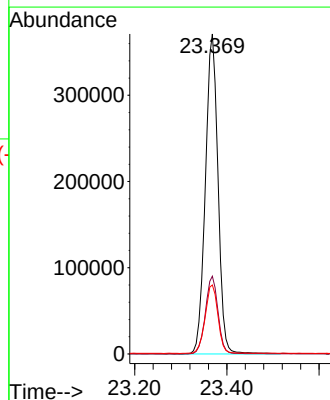
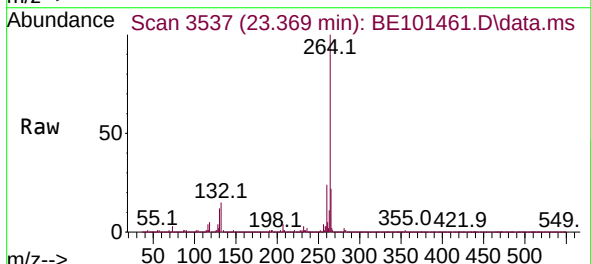
Instrument :
BNA_E
ClientSampleId :
COMP-4MSD

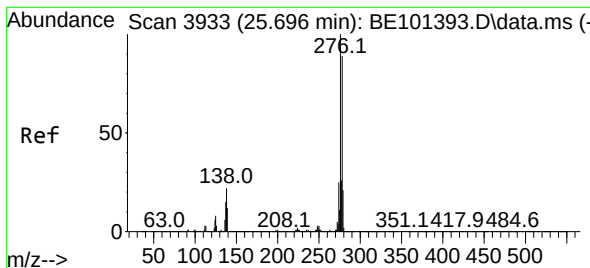
Tgt Ion:149 Resp: 1604170
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.0 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.369 min Scan# 3537
Delta R.T. 0.005 min
Lab File: BE101461.D
Acq: 4 Nov 2024 18:38

Tgt Ion:264 Resp: 708395
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.8
265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.365 ng

RT: 25.713 min Scan# 3933

Delta R.T. 0.017 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

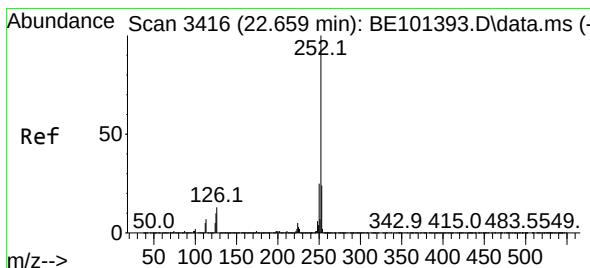
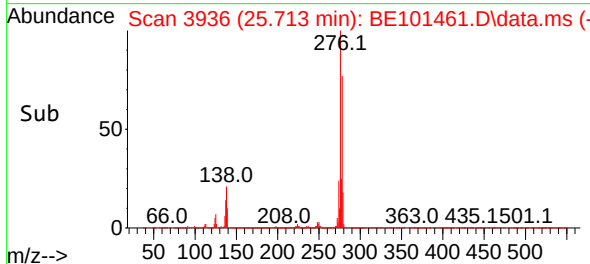
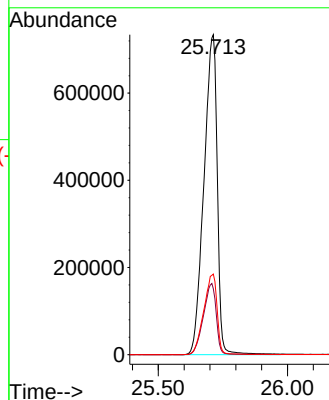
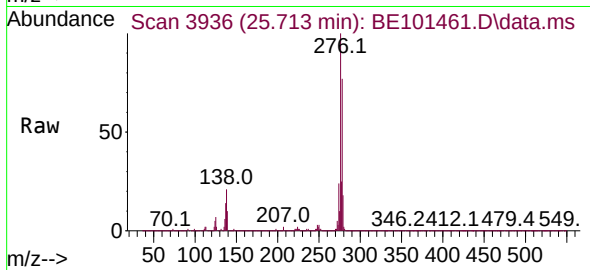
Tgt Ion:276 Resp: 2624782

Ion Ratio Lower Upper

276 100

138 21.4 17.8 26.8

277 25.1 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.509 ng

RT: 22.664 min Scan# 3417

Delta R.T. 0.005 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

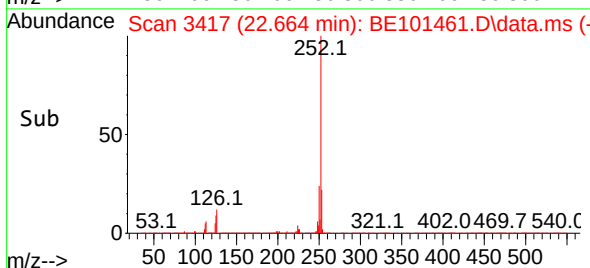
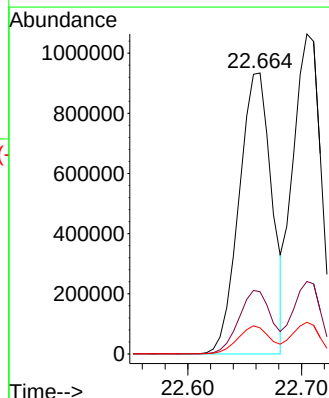
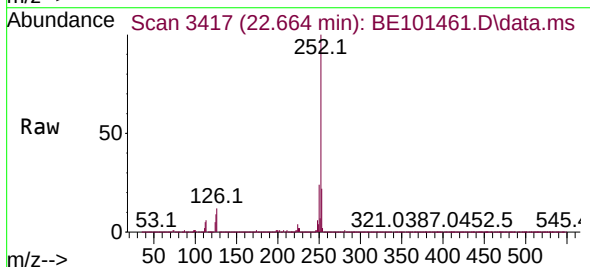
Tgt Ion:252 Resp: 1864655

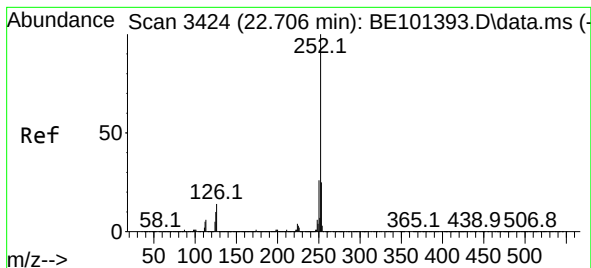
Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.6

125 9.3 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 53.477 ng

RT: 22.705 min Scan# 34

Delta R.T. -0.001 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

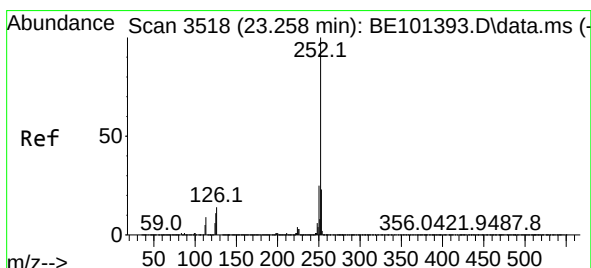
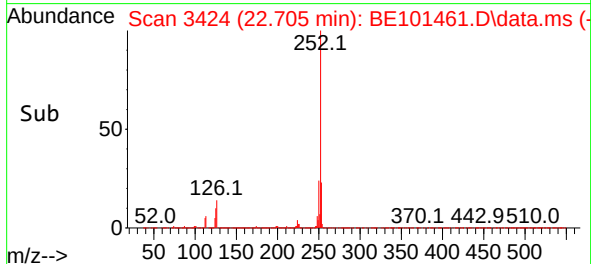
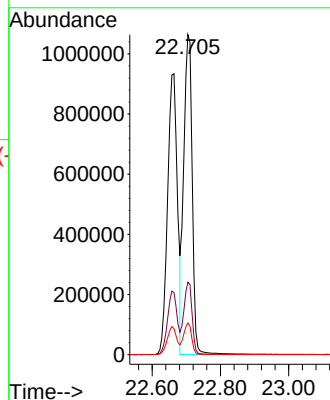
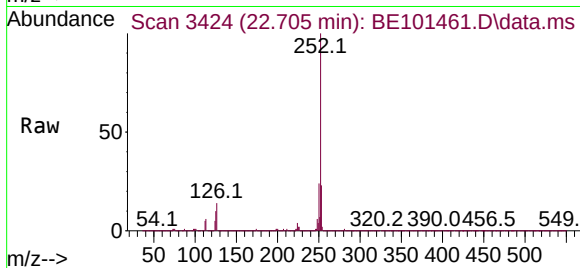
Tgt Ion:252 Resp: 1844442

Ion Ratio Lower Upper

252 100

253 22.6 19.4 29.2

125 9.9 8.2 12.2



#90

Benzo(a)pyrene

Concen: 56.643 ng

RT: 23.263 min Scan# 3519

Delta R.T. 0.005 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

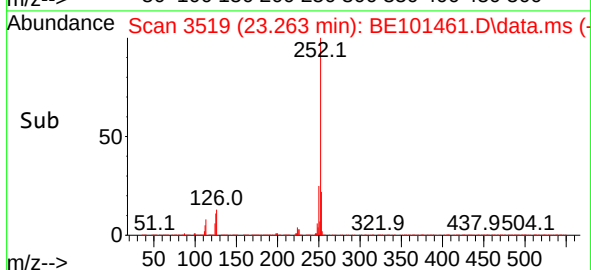
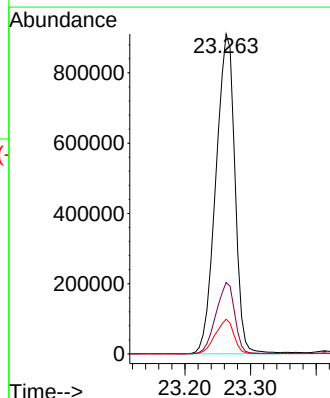
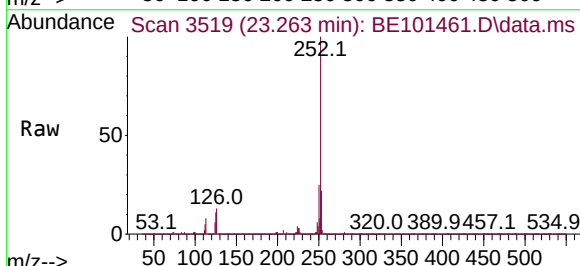
Tgt Ion:252 Resp: 1828766

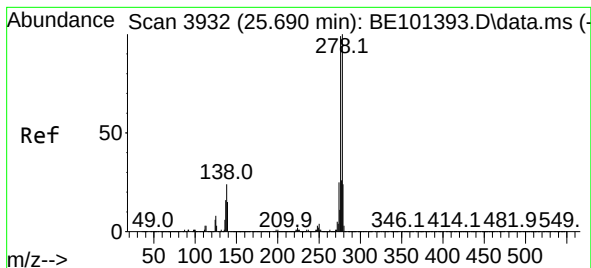
Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 55.030 ng

RT: 25.701 min Scan# 3934

Delta R.T. 0.011 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Instrument :

BNA_E

ClientSampleId :

COMP-4MSD

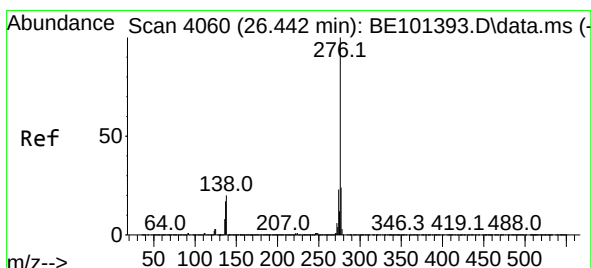
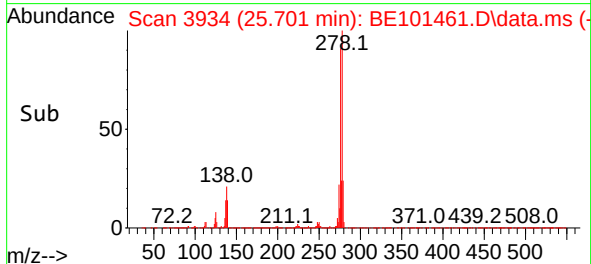
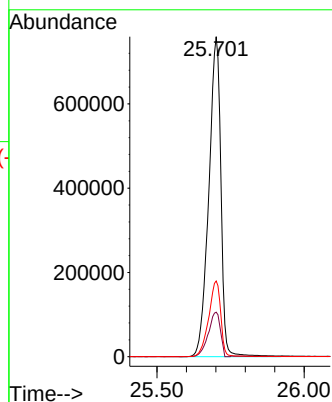
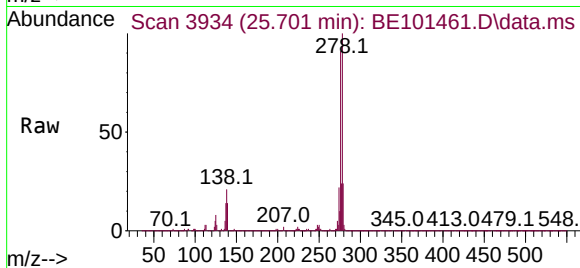
Tgt Ion:278 Resp: 2155765

Ion Ratio Lower Upper

278 100

139 13.9 11.9 17.9

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 49.612 ng

RT: 26.453 min Scan# 4062

Delta R.T. 0.011 min

Lab File: BE101461.D

Acq: 4 Nov 2024 18:38

Tgt Ion:276 Resp: 2002488

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 18.9 15.8 23.6

