

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101460.D
 Acq On : 4 Nov 2024 18:02
 Operator : RC/JU
 Sample : P4675-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-4MS

Quant Time: Nov 04 22:06:05 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	7.570	152	55119	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	225817	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	137542	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	319377	20.000	ng	0.00
76) Chrysene-d12	21.078	240	506438	20.000	ng	0.00
86) Perylene-d12	23.369	264	716658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	361128	114.831	ng	0.00
7) Phenol-d6	6.953	99	474282	108.763	ng	0.00
23) Nitrobenzene-d5	8.780	82	260726	72.519	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	292517	121.343	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	644286	79.330	ng	0.00
79) Terphenyl-d14	19.509	244	1504811	68.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	61282	52.246	ng	99
3) Pyridine	3.628	79	160616	48.400	ng	96
4) n-Nitrosodimethylamine	3.551	42	70455	54.872	ng	100
6) Aniline	7.006	93	175791	52.601	ng	94
8) 2-Chlorophenol	7.218	128	188789	50.051	ng	99
9) Benzaldehyde	6.777	77	23201	11.022	ng	96
10) Phenol	6.977	94	245586	51.906	ng	99
11) bis(2-Chloroethyl)ether	7.035	93	149991	38.643	ng	98
12) 1,3-Dichlorobenzene	7.458	146	198125	48.712	ng	98
13) 1,4-Dichlorobenzene	7.605	146	202107	48.660	ng	99
14) 1,2-Dichlorobenzene	7.934	146	194246	47.778	ng	100
15) Benzyl Alcohol	7.911	79	124597	47.935	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.064	45	221625	45.372	ng	97
17) 2-Methylphenol	8.152	107	148754	46.453	ng	99
18) Hexachloroethane	8.628	117	67031	49.420	ng	97
19) n-Nitroso-di-n-propyla...	8.369	70	123913	42.822	ng	99
20) 3+4-Methylphenols	8.492	107	203456	46.028	ng	99
22) Acetophenone	8.422	105	254393	49.615	ng	99
24) Nitrobenzene	8.822	77	186400	48.711	ng	98
25) Isophorone	9.274	82	332714	47.423	ng	99
26) 2-Nitrophenol	9.509	139	103354	55.882	ng	97
27) 2,4-Dimethylphenol	9.626	122	144191	61.956	ng	98
28) bis(2-Chloroethoxy)met...	9.773	93	204734	48.119	ng	99
29) 2,4-Dichlorophenol	10.061	162	168892	52.456	ng	98
30) 1,2,4-Trichlorobenzene	10.185	180	172221	49.101	ng	98
31) Naphthalene	10.384	128	564800	49.081	ng	100
32) Benzoic acid	9.879	122	70568	32.646	ng	96
33) 4-Chloroaniline	10.608	127	102707	25.667	ng	99
34) Hexachlorobutadiene	10.631	225	105201	50.672	ng	98
35) Caprolactam	11.401	113	29732	24.090	ng	99
36) 4-Chloro-3-methylphenol	11.789	107	172839	47.147	ng	98
37) 2-Methylnaphthalene	11.977	142	390038	47.046	ng	100
38) 1-Methylnaphthalene	12.206	142	364001	43.992	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	191796	55.548	ng	99
41) Hexachlorocyclopentadiene	12.317	237	210420	184.527	ng	98
43) 2,4,6-Trichlorophenol	12.652	196	137191	57.636	ng	99

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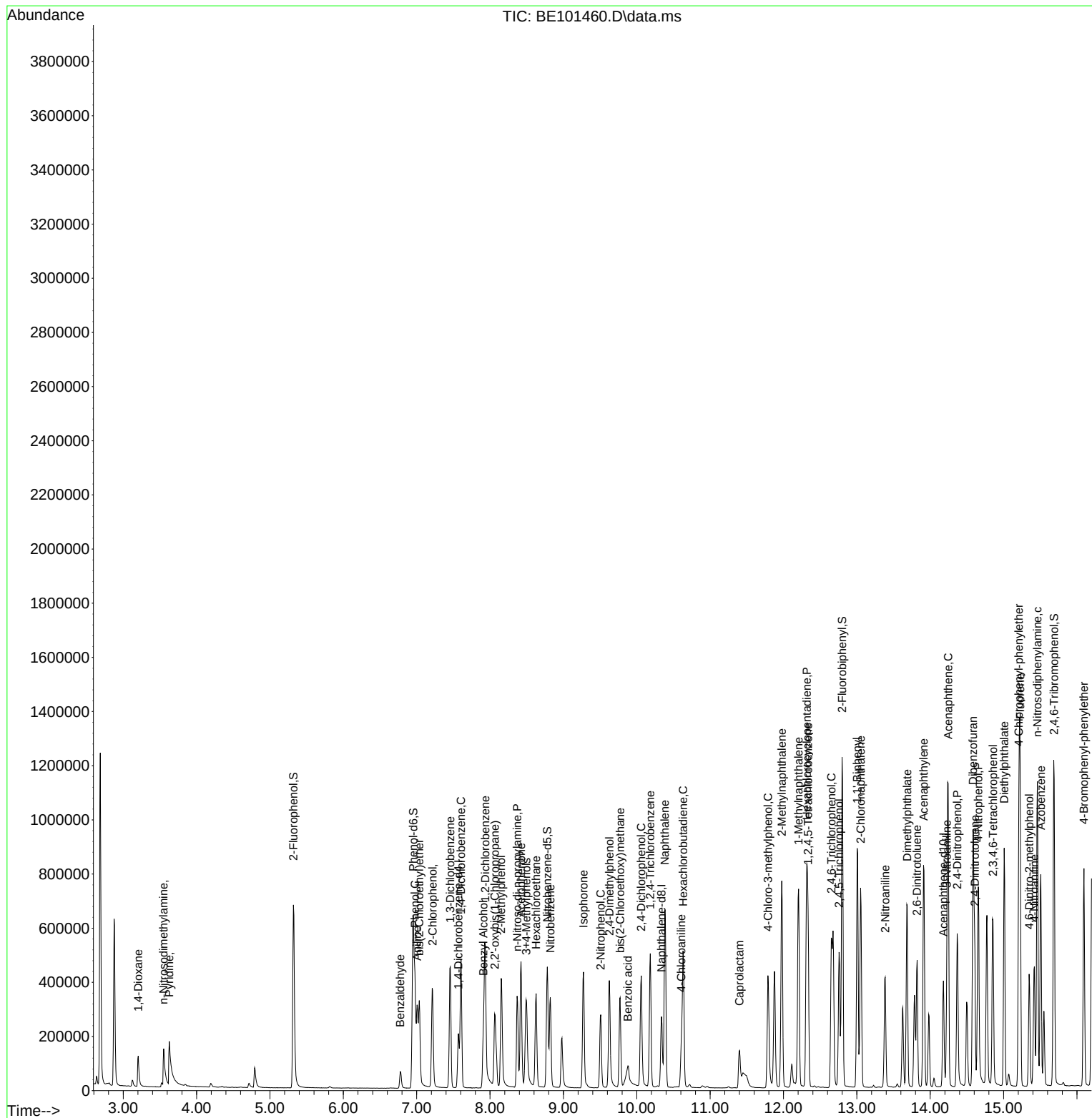
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	148947	54.643	ng	99
46) 1,1'-Biphenyl	13.005	154	492851	52.302	ng	100
47) 2-Chloronaphthalene	13.052	162	384857	51.694	ng	98
48) 2-Nitroaniline	13.387	65	113376	56.587	ng	96
49) Acenaphthylene	13.910	152	626333	56.889	ng	100
50) Dimethylphthalate	13.686	163	482611	49.709	ng	99
51) 2,6-Dinitrotoluene	13.822	165	109056	48.654	ng	98
52) Acenaphthene	14.245	154	377590	52.523	ng	100
53) 3-Nitroaniline	14.227	138	78998	35.443	ng	98
54) 2,4-Dinitrophenol	14.368	184	147594	91.782	ng	99
55) Dibenzofuran	14.585	168	595110	51.936	ng	98
56) 4-Nitrophenol	14.656	139	242056	118.591	ng	97
57) 2,4-Dinitrotoluene	14.609	165	160902	52.141	ng	97
58) Fluorene	15.226	166	493677	51.502	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.856	232	141773	56.293	ng	98
60) Diethylphthalate	15.008	149	502691	49.502	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	234319	49.261	ng	99
62) 4-Nitroaniline	15.420	138	134862	54.376	ng	95
63) Azobenzene	15.508	77	436407	49.996	ng	99
65) 4,6-Dinitro-2-methylph...	15.349	198	105755	56.351	ng	98
66) n-Nitrosodiphenylamine	15.461	169	434351	51.284	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	164486	48.960	ng	98
68) Hexachlorobenzene	16.207	284	216945	49.265	ng	95
69) Atrazine	16.395	200	168624	64.941	ng	99
70) Pentachlorophenol	16.612	266	307652	121.372	ng	100
71) Phenanthrene	16.959	178	830729	54.327	ng	98
72) Anthracene	17.047	178	860778	57.650	ng	98
73) Carbazole	17.376	167	873306	57.163	ng	98
74) Di-n-butylphthalate	17.823	149	968185	57.565	ng	97
75) Fluoranthene	18.963	202	1143493	61.569	ng	97
77) Benzidine	19.215	184	636971	99.100	ng	100
78) Pyrene	19.333	202	1251358	44.932	ng	97
80) Butylbenzylphthalate	20.185	149	602907	49.381	ng	97
81) Benzo(a)anthracene	21.060	228	1569382	55.134	ng	97
82) 3,3'-Dichlorobenzidine	21.037	252	423083	37.942	ng	100
83) Chrysene	21.119	228	1490157	54.144	ng	96
84) Bis(2-ethylhexyl)phtha...	20.884	149	916028	56.478	ng	98
85) Di-n-octyl phthalate	21.730	149	1703384	63.988	ng	98
87) Indeno(1,2,3-cd)pyrene	25.713	276	2627149	54.776	ng	99
88) Benzo(b)fluoranthene	22.664	252	1879048	50.312	ng	98
89) Benzo(k)fluoranthene	22.705	252	1911451	54.781	ng	98
90) Benzo(a)pyrene	23.263	252	1869389	57.233	ng	99
91) Dibenzo(a,h)anthracene	25.702	278	2158796	54.472	ng	99
92) Benzo(g,h,i)perylene	26.460	276	2013665	49.314	ng	98

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

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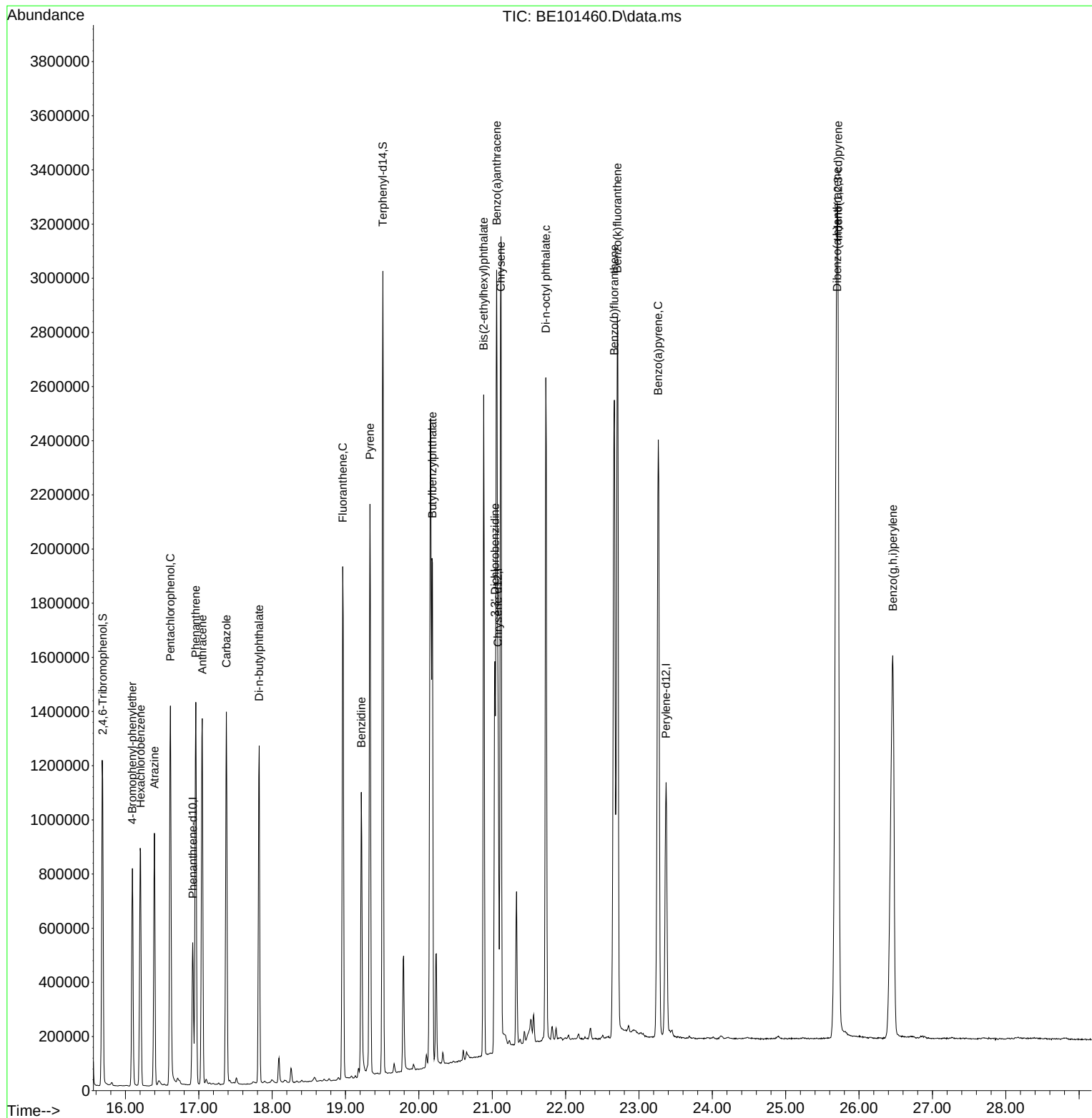
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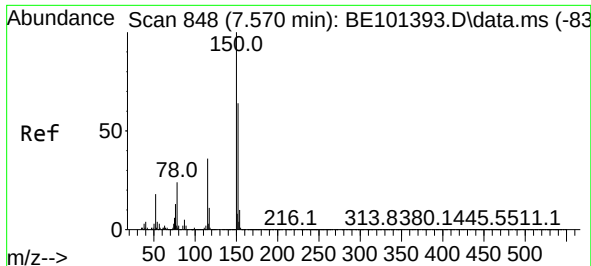


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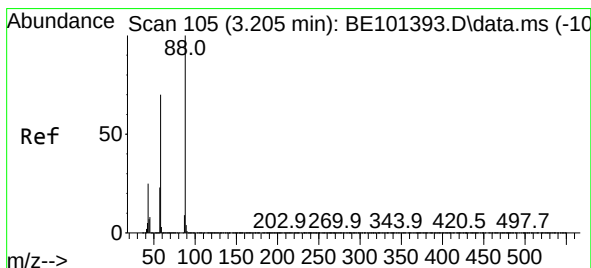
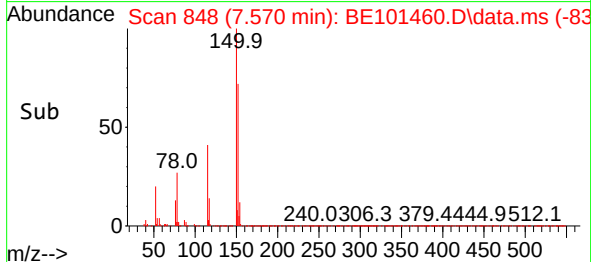
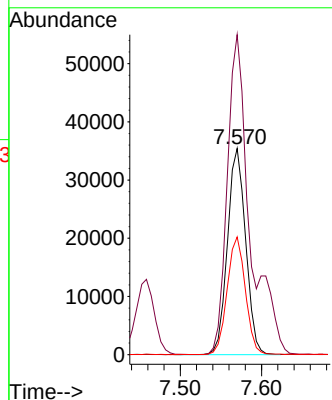
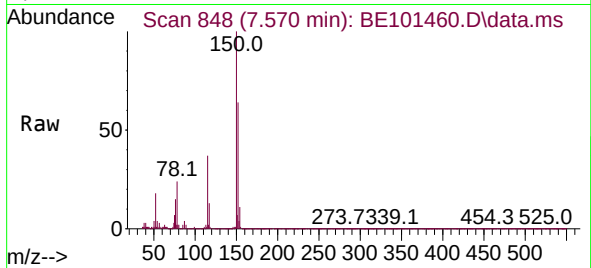




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101460.D
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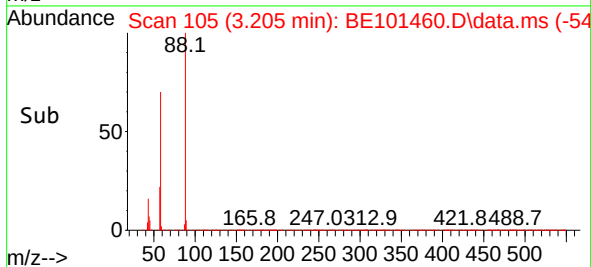
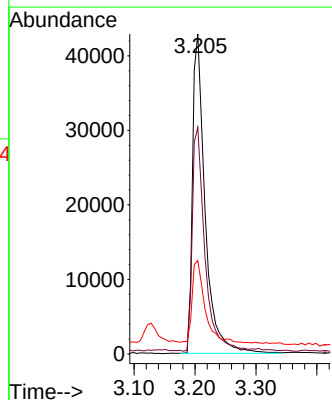
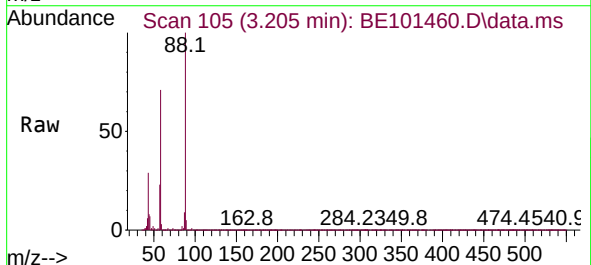
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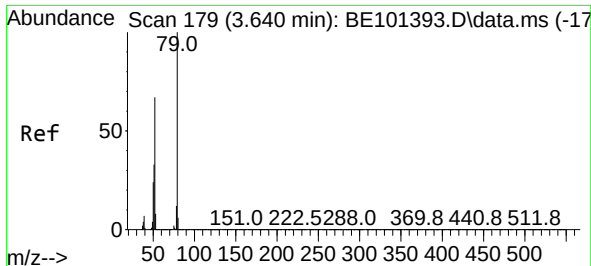
Tgt Ion:152 Resp: 55119
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 57.1 45.3 67.9



#2
1,4-Dioxane
Concen: 52.246 ng
RT: 3.205 min Scan# 105
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 88 Resp: 61282
Ion Ratio Lower Upper
88 100
58 70.1 56.5 84.7
43 26.2 19.8 29.8





#3

Pyridine

Concen: 48.400 ng

RT: 3.628 min Scan# 1

Delta R.T. -0.012 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

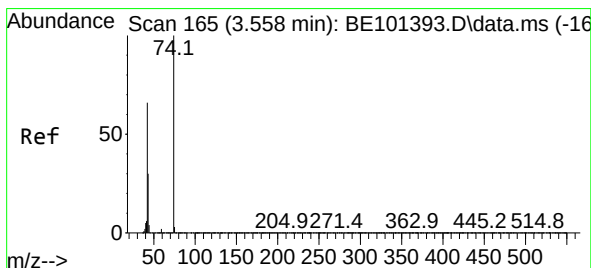
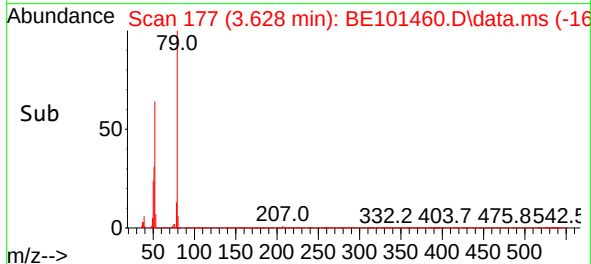
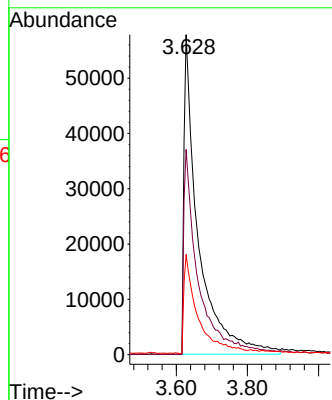
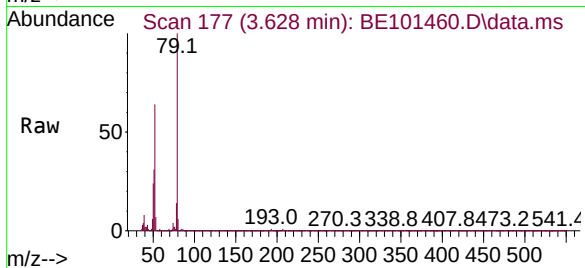
Tgt Ion: 79 Resp: 160616

Ion Ratio Lower Upper

79 100

52 64.2 53.3 79.9

51 31.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 54.872 ng

RT: 3.551 min Scan# 164

Delta R.T. -0.006 min

Lab File: BE101460.D

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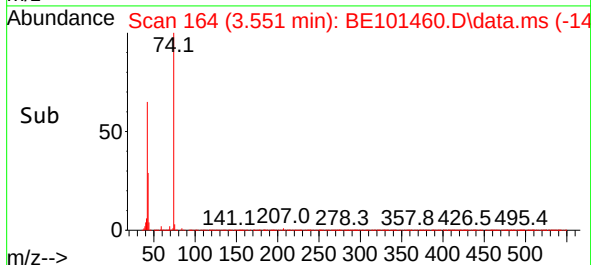
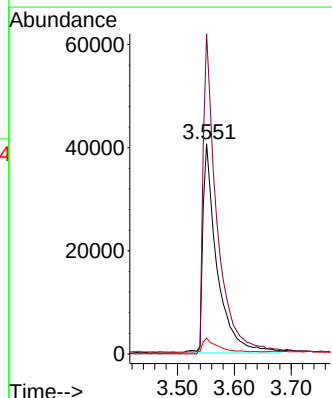
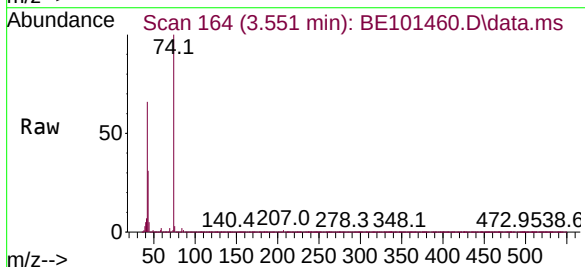
Tgt Ion: 42 Resp: 70455

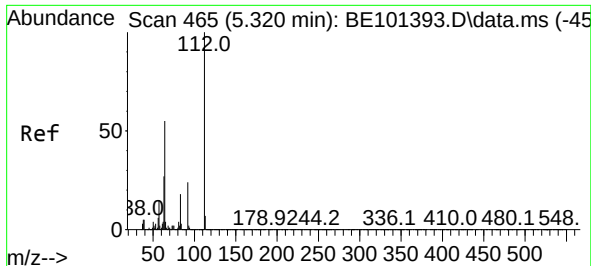
Ion Ratio Lower Upper

42 100

74 152.2 121.4 182.0

44 7.6 5.6 8.4

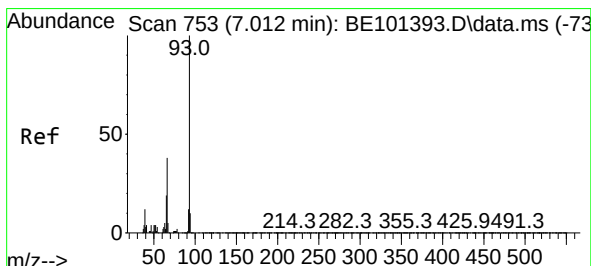
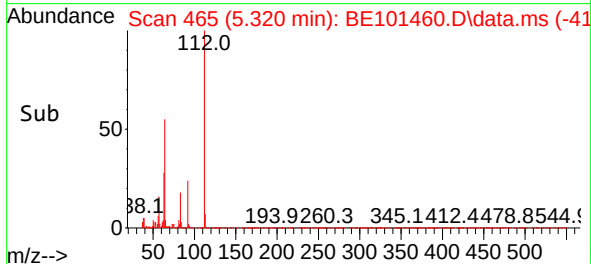
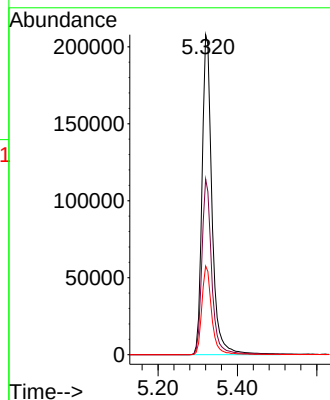
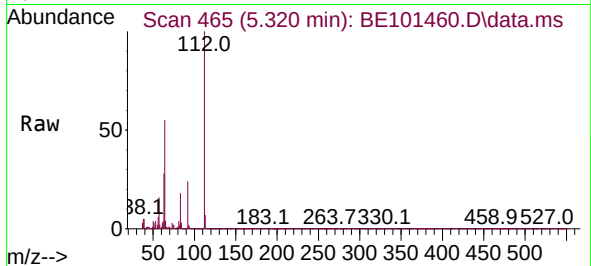




#5
2-Fluorophenol
Concen: 114.831 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
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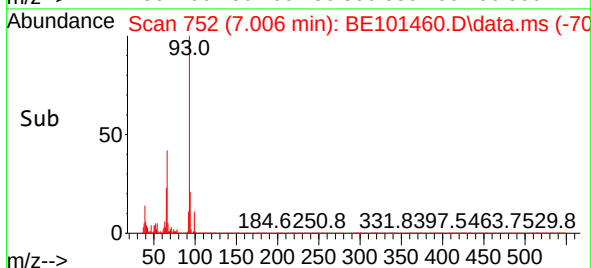
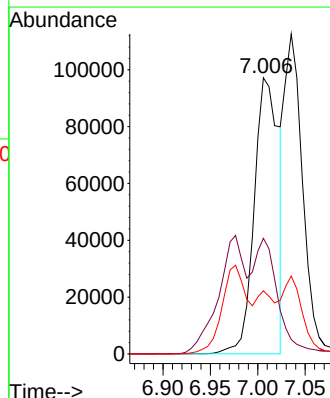
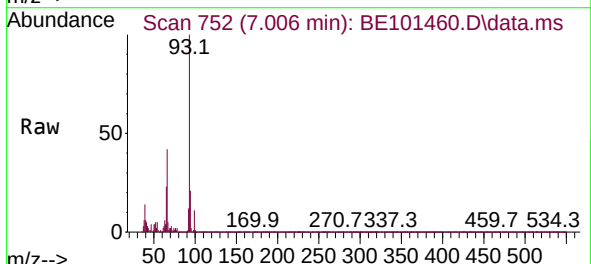
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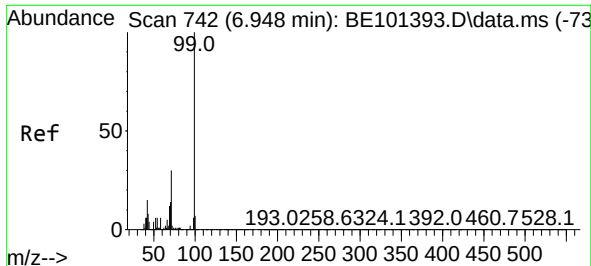
Tgt Ion:112 Resp: 361128
Ion Ratio Lower Upper
112 100
64 54.9 43.7 65.5
63 27.7 21.4 32.2



#6
Aniline
Concen: 52.601 ng
RT: 7.006 min Scan# 752
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 93 Resp: 175791
Ion Ratio Lower Upper
93 100
66 41.9 31.0 46.4
65 22.9 15.5 23.3





#7

Phenol-d6

Concen: 108.763 ng

RT: 6.953 min Scan# 742

Delta R.T. 0.005 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

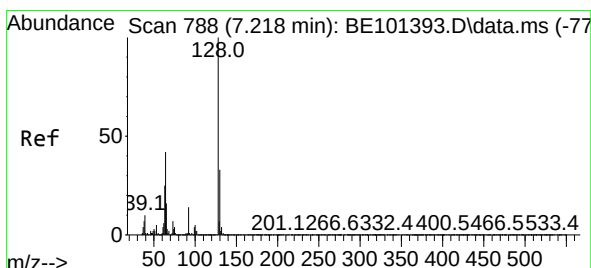
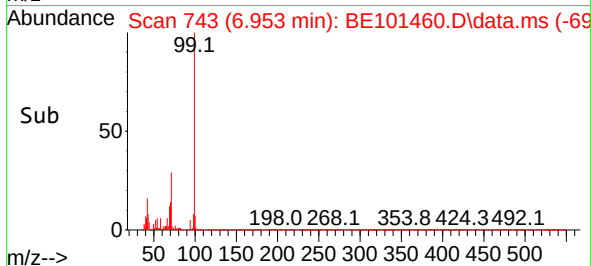
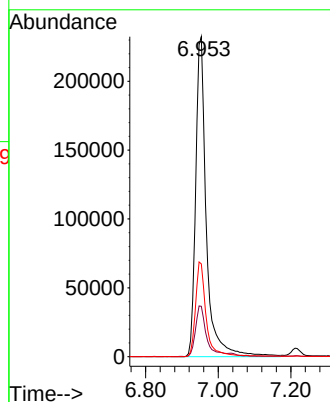
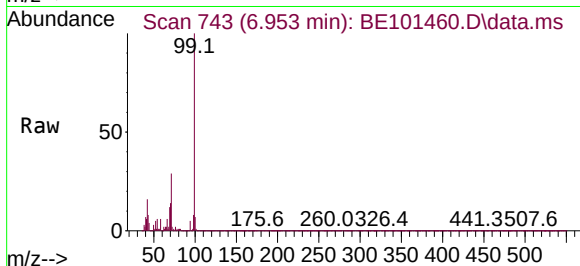
Tgt Ion: 99 Resp: 474282

Ion Ratio Lower Upper

99 100

42 15.7 12.3 18.5

71 29.0 23.8 35.8



#8

2-Chlorophenol

Concen: 50.051 ng

RT: 7.218 min Scan# 788

Delta R.T. -0.000 min

Lab File: BE101460.D

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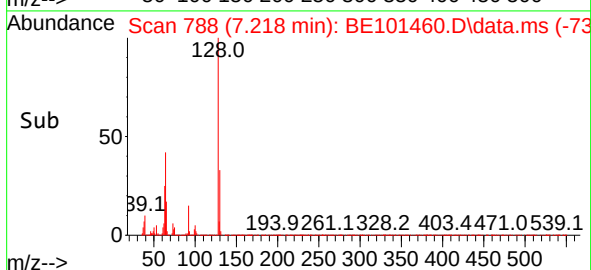
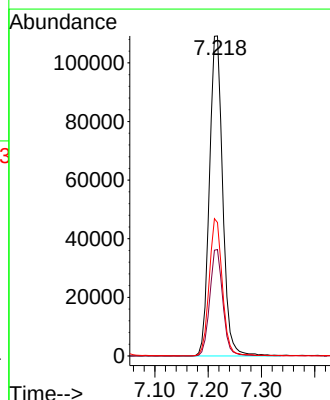
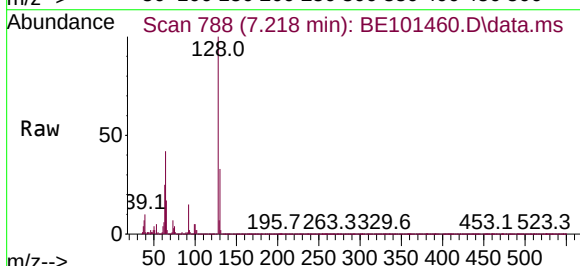
Tgt Ion:128 Resp: 188789

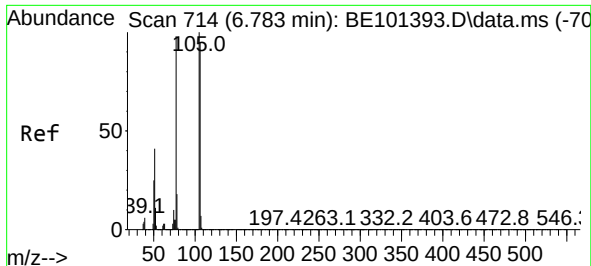
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 41.7 22.3 62.3

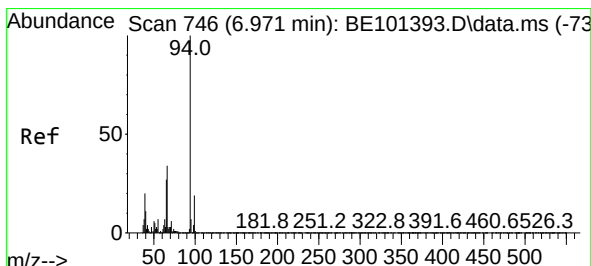
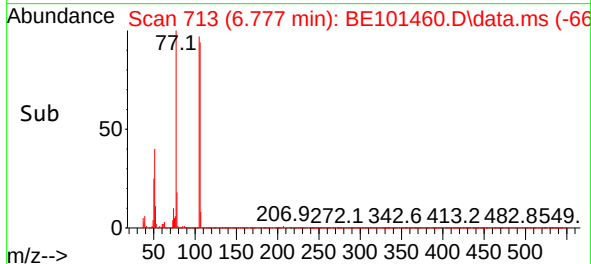
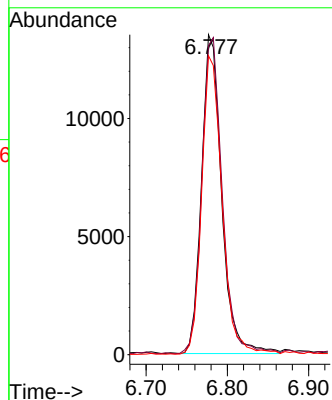
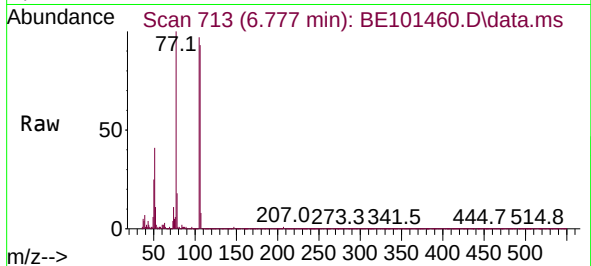




#9
Benzaldehyde
Concen: 11.022 ng
RT: 6.777 min Scan# 714
Delta R.T. -0.006 min
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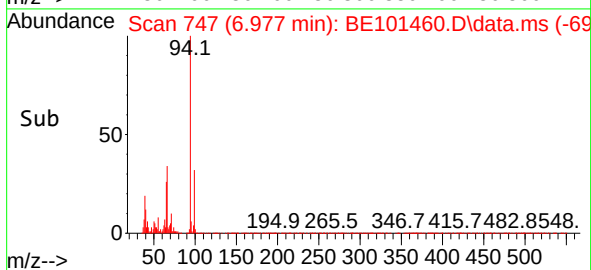
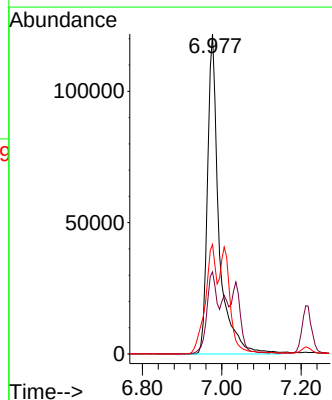
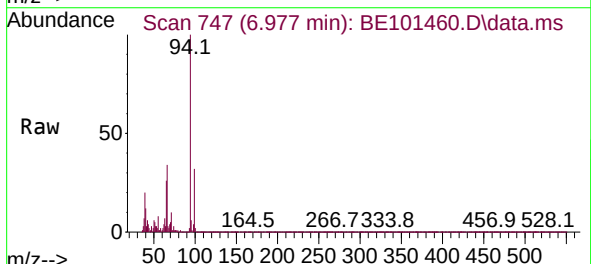
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ClientSampleId :
COMP-4MS

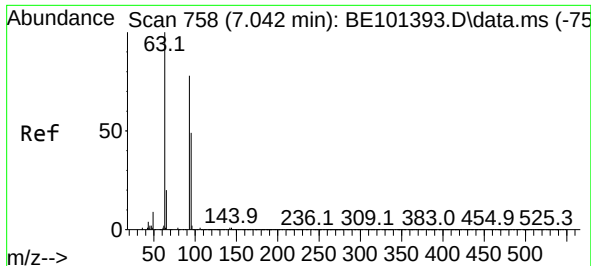
Tgt Ion: 77 Resp: 23201
Ion Ratio Lower Upper
77 100
105 96.5 81.9 121.9
106 93.4 76.5 116.5



#10
Phenol
Concen: 51.906 ng
RT: 6.977 min Scan# 747
Delta R.T. 0.005 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 94 Resp: 245586
Ion Ratio Lower Upper
94 100
65 25.6 6.8 46.8
66 34.2 14.0 54.0

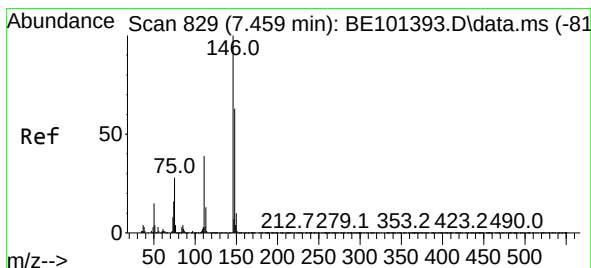
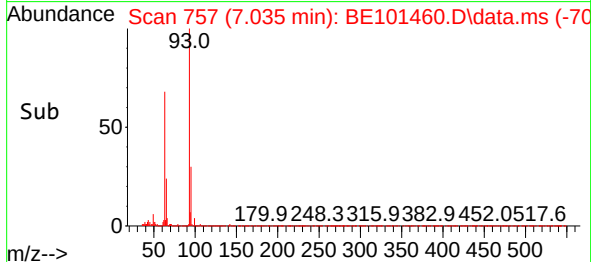
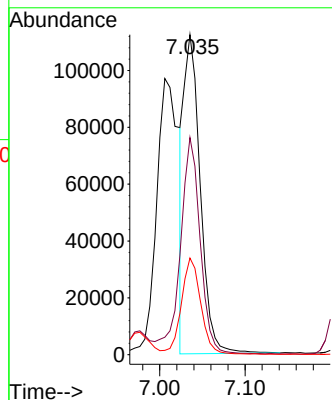
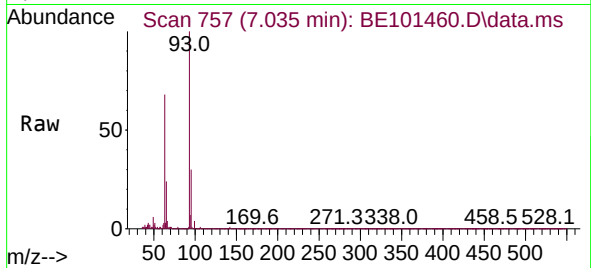




#11
bis(2-Chloroethyl)ether
Concen: 38.643 ng
RT: 7.035 min Scan# 71
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

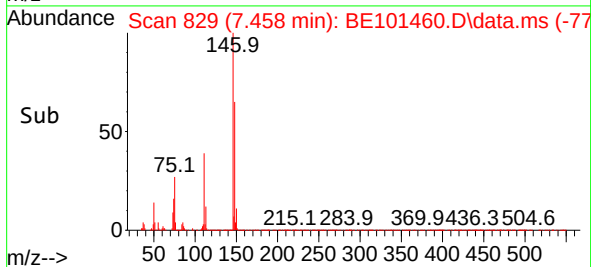
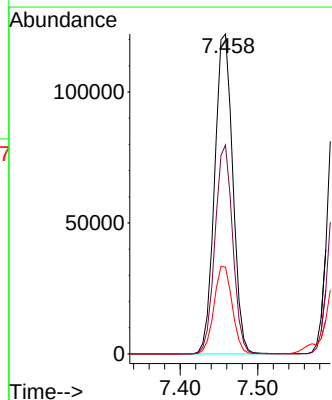
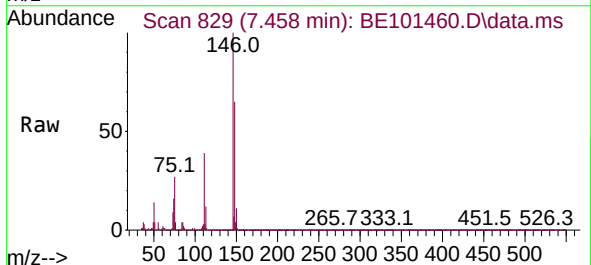
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

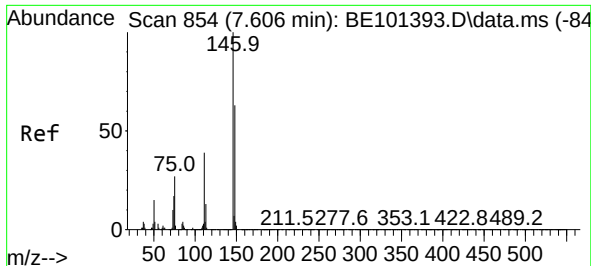
Tgt Ion: 93 Resp: 149991
Ion Ratio Lower Upper
93 100
63 67.9 46.3 86.3
95 30.2 9.6 49.6



#12
1,3-Dichlorobenzene
Concen: 48.712 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:146 Resp: 198125
Ion Ratio Lower Upper
146 100
148 65.3 50.5 75.7
75 27.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 48.660 ng

RT: 7.605 min Scan# 854

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

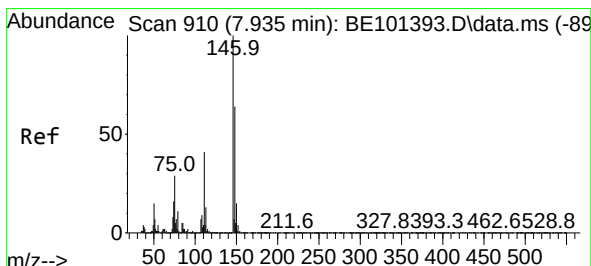
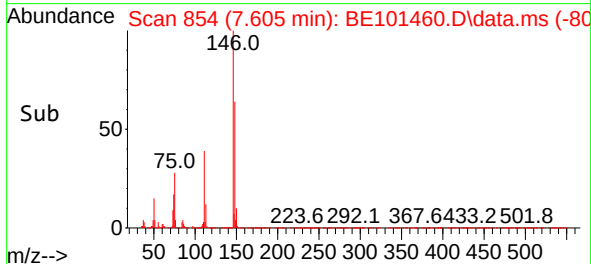
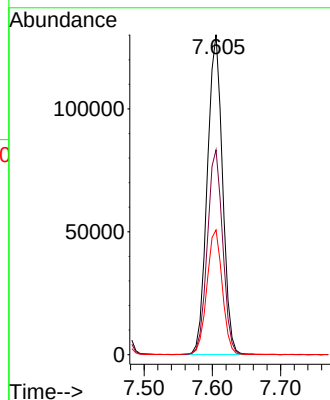
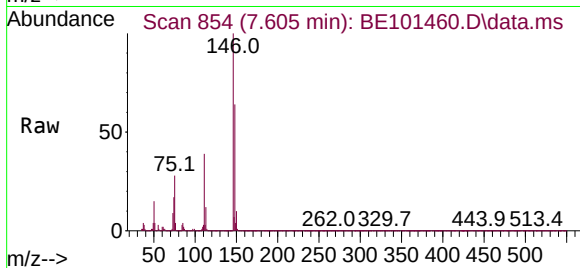
Tgt Ion:146 Resp: 202107

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 39.0 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 47.778 ng

RT: 7.934 min Scan# 910

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

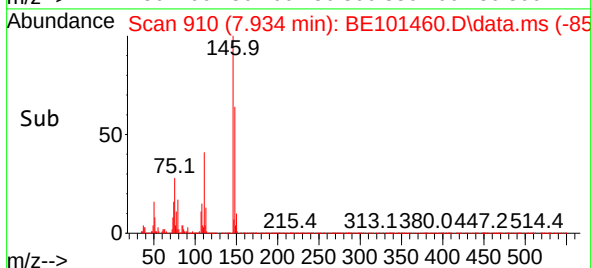
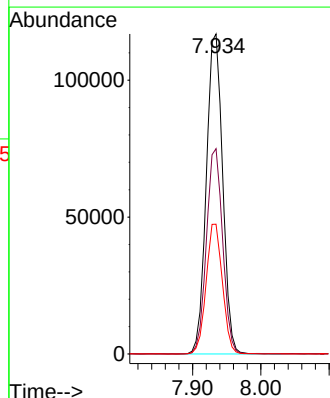
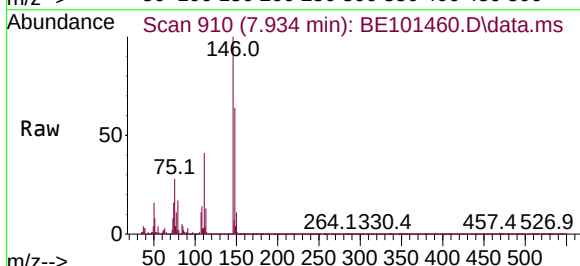
Tgt Ion:146 Resp: 194246

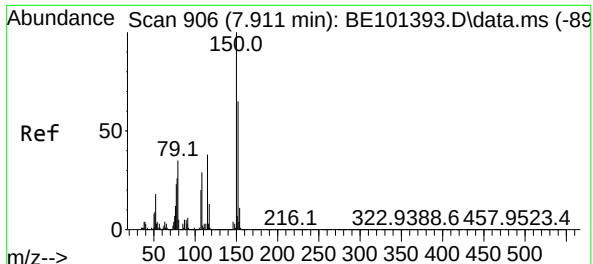
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

111 40.5 32.8 49.2

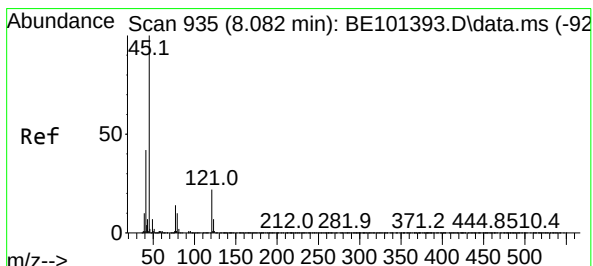
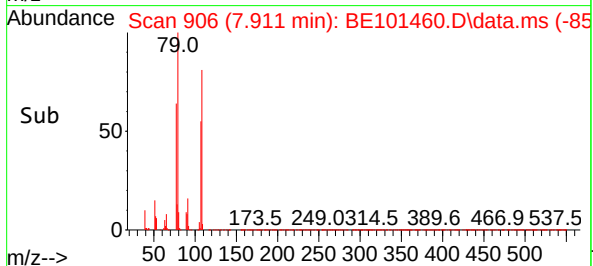
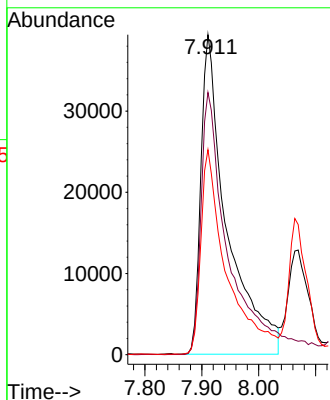
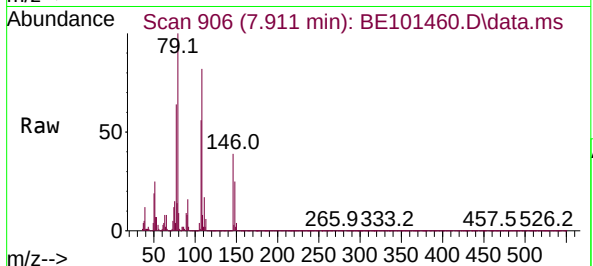




#15
Benzyl Alcohol
Concen: 47.935 ng
RT: 7.911 min Scan# 906
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

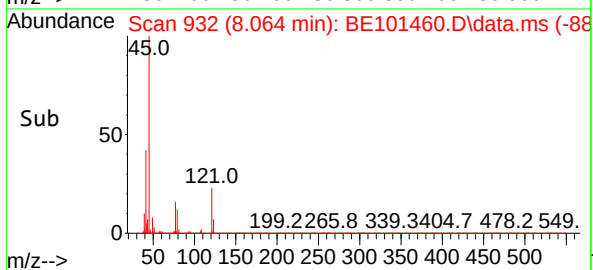
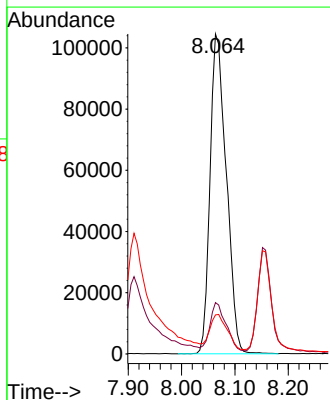
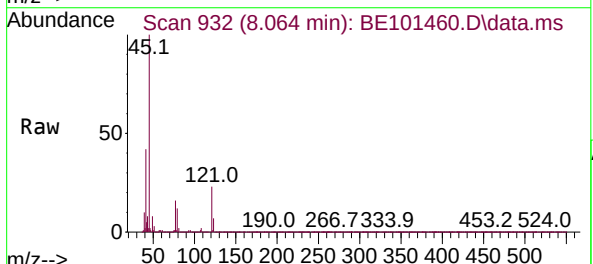
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

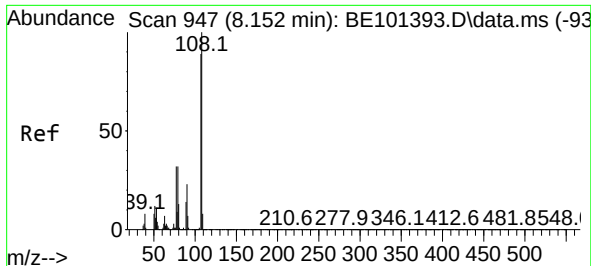
Tgt Ion: 79 Resp: 124597
Ion Ratio Lower Upper
79 100
108 82.0 66.1 99.1
77 64.1 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.372 ng
RT: 8.064 min Scan# 932
Delta R.T. -0.018 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 45 Resp: 221625
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.5
79 12.2 0.0 31.8



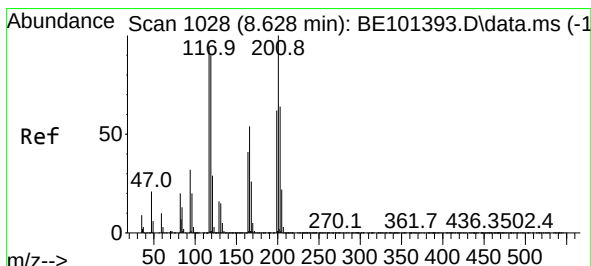
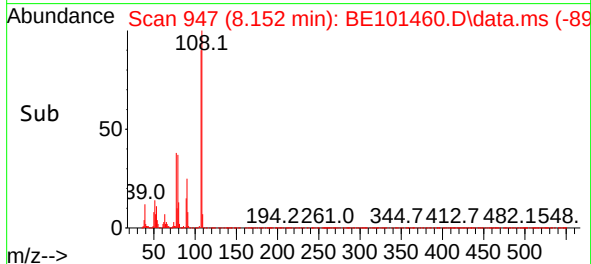
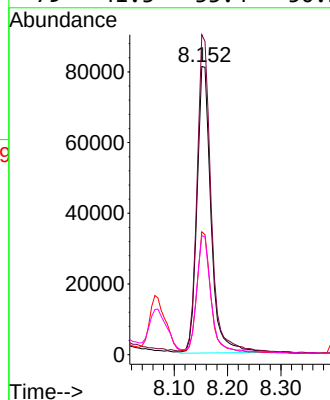
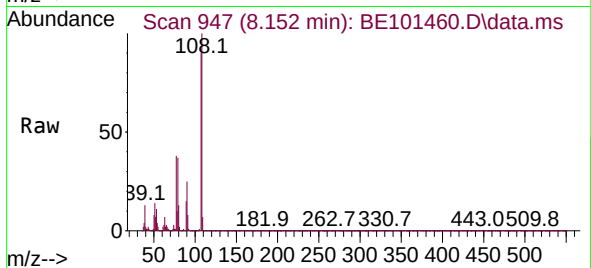


#17
2-Methylphenol
Concen: 46.453 ng
RT: 8.152 min Scan# 947
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Instrument :
BNA_E
ClientSampleId :
COMP-4MS

Tgt Ion:107 Resp: 148754

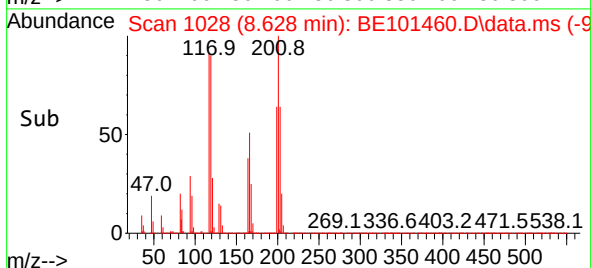
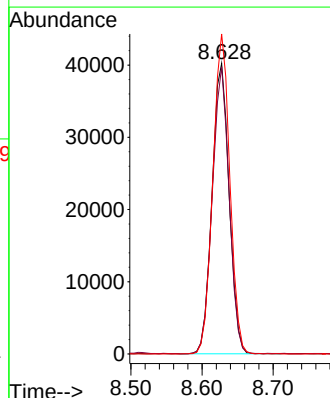
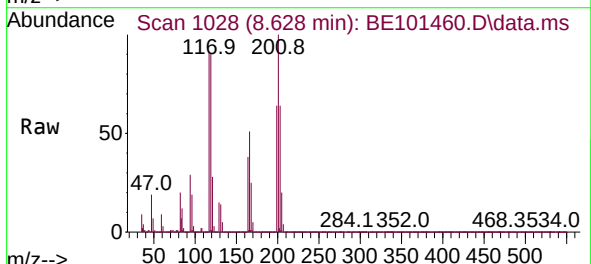
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.0	135.0
77	42.6	34.2	51.4
79	41.3	33.4	50.2

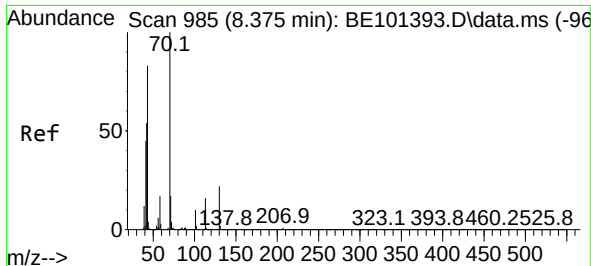


#18
Hexachloroethane
Concen: 49.420 ng
RT: 8.628 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:117 Resp: 67031

Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.0	115.4
201	110.1	85.3	127.9



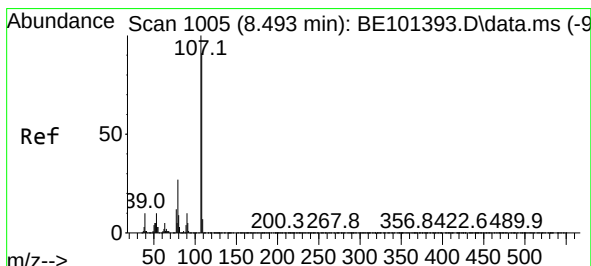
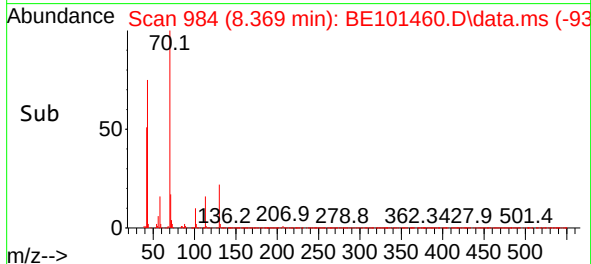
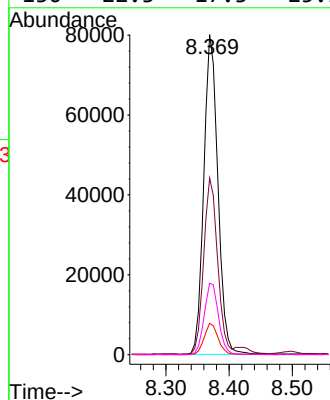
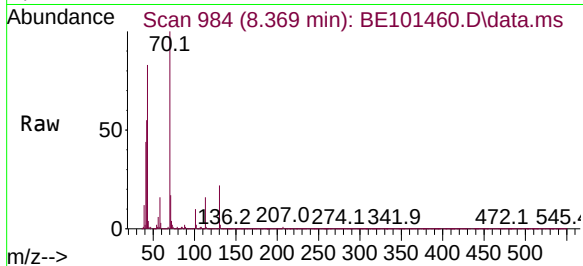


#19
n-Nitroso-di-n-propylamine
Concen: 42.822 ng
RT: 8.369 min Scan# 985
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Instrument :
BNA_E
ClientSampleId :
COMP-4MS

Tgt Ion: 70 Resp: 123913

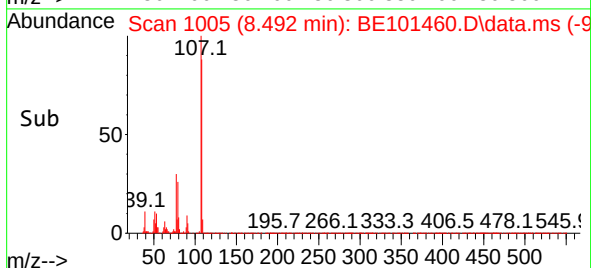
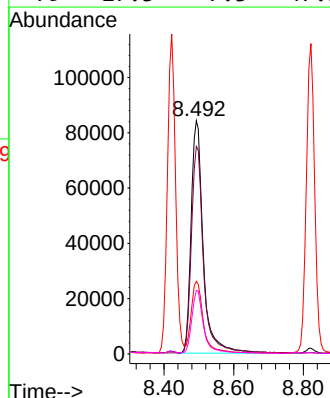
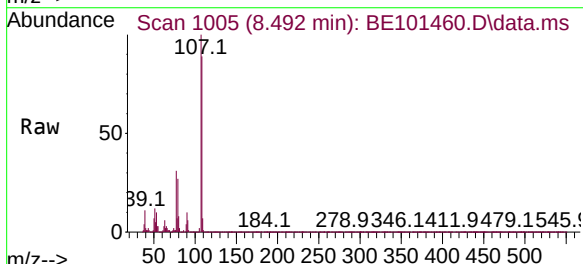
Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.4	65.0
101	9.8	8.1	12.1
130	22.3	17.3	25.9

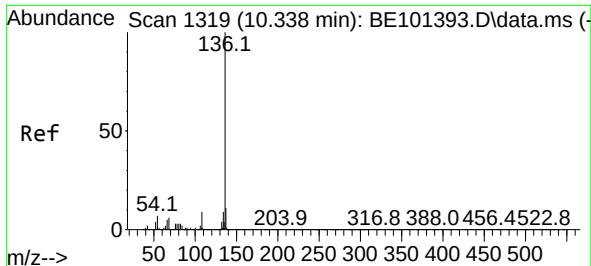


#20
3+4-Methylphenols
Concen: 46.028 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 107 Resp: 203456

Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.6	110.6
77	31.2	11.3	51.3
79	27.3	7.3	47.3



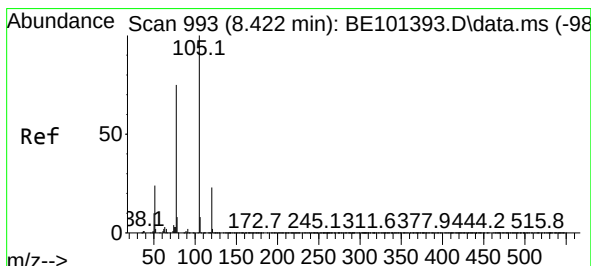
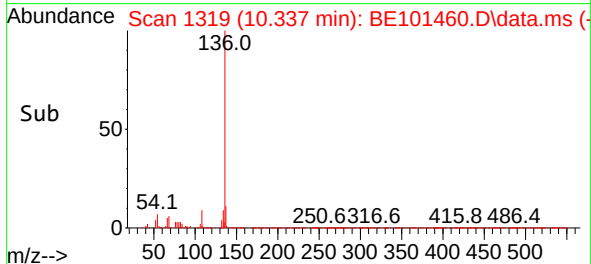
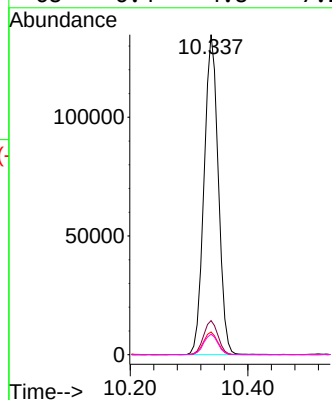
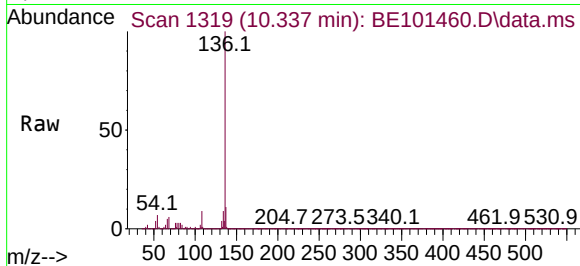


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Instrument :
BNA_E
ClientSampleId :
COMP-4MS

Tgt Ion:136 Resp: 225817

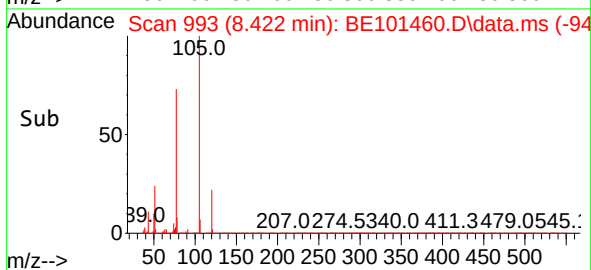
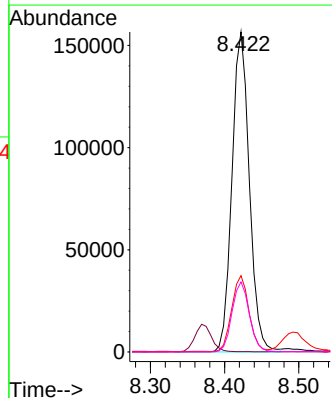
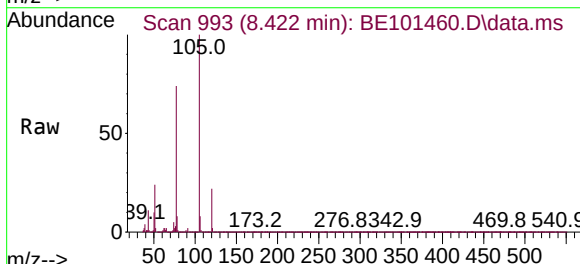
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.1	5.9	8.9
68	6.4	4.8	7.2

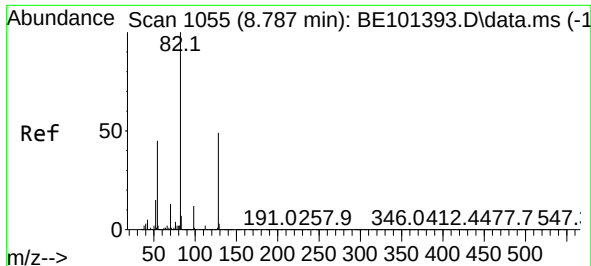


#22
Acetophenone
Concen: 49.615 ng
RT: 8.422 min Scan# 993
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:105 Resp: 254393

Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1
51	23.9	19.4	29.0
120	21.9	18.4	27.6

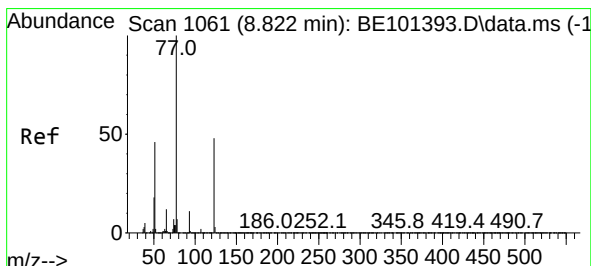
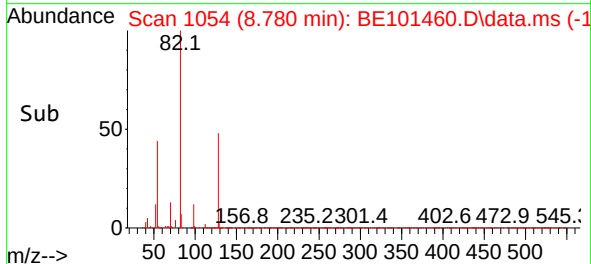
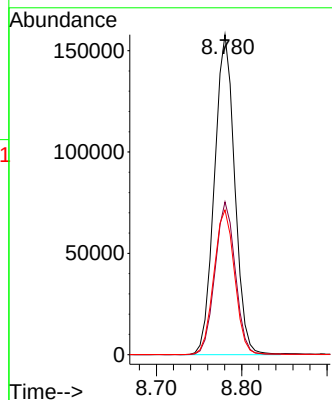
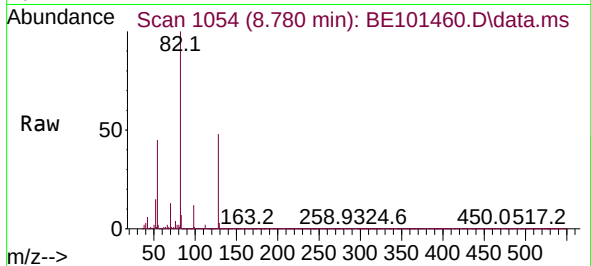




#23
Nitrobenzene-d5
Concen: 72.519 ng
RT: 8.780 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

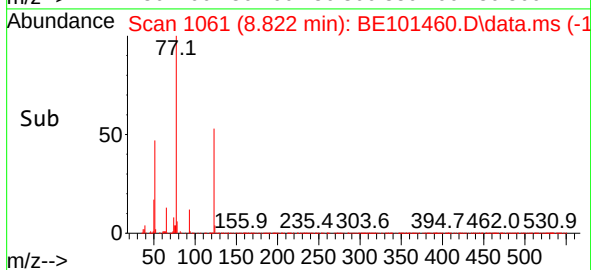
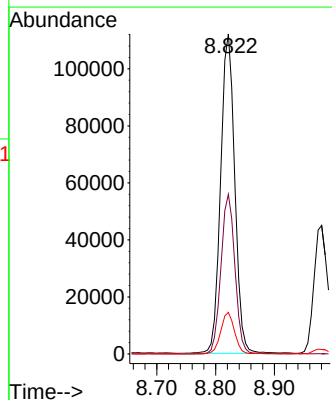
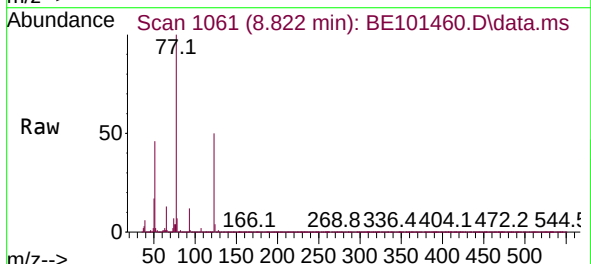
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

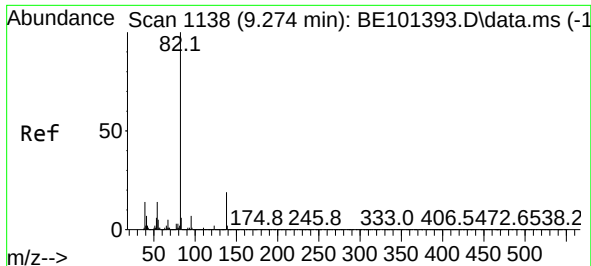
Tgt Ion: 82 Resp: 260726
Ion Ratio Lower Upper
82 100
128 47.8 38.9 58.3
54 45.2 36.2 54.4



#24
Nitrobenzene
Concen: 48.711 ng
RT: 8.822 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 77 Resp: 186400
Ion Ratio Lower Upper
77 100
123 49.9 38.7 58.1
65 13.0 10.0 15.0

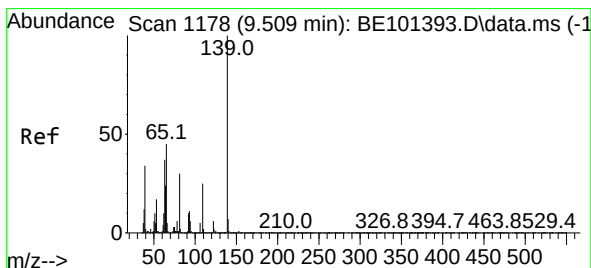
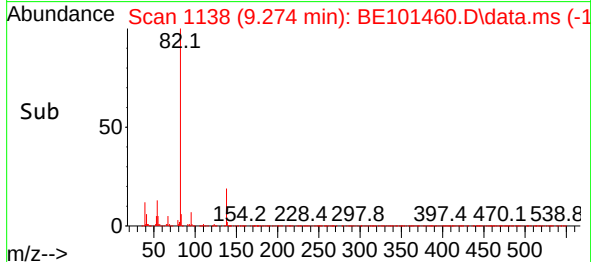
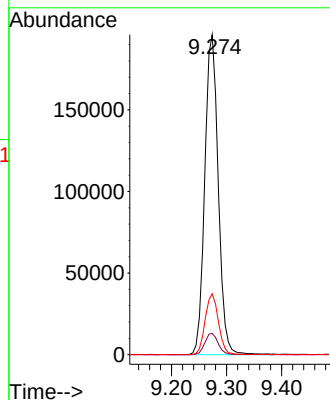
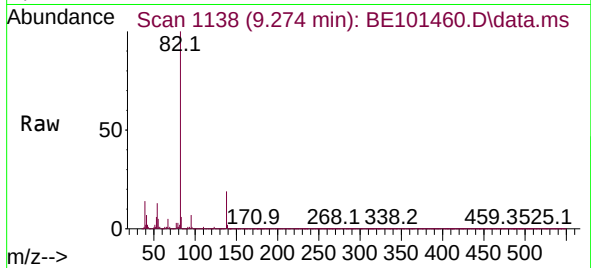




#25
Isophorone
Concen: 47.423 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

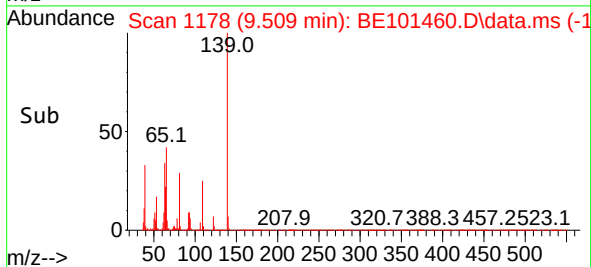
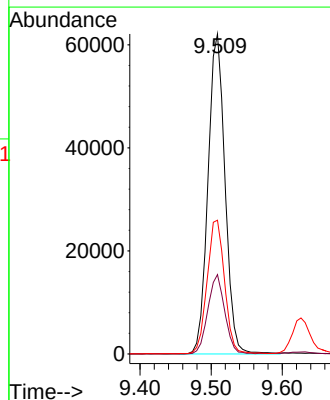
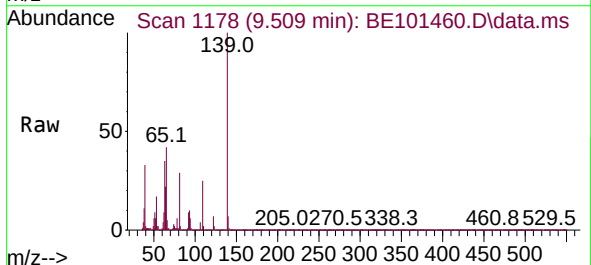
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

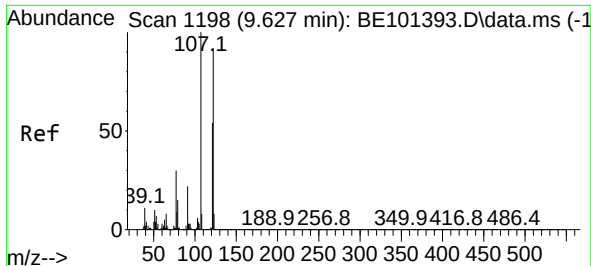
Tgt Ion: 82 Resp: 332714
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.1 15.0 22.4



#26
2-Nitrophenol
Concen: 55.882 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 139 Resp: 103354
Ion Ratio Lower Upper
139 100
109 24.8 20.1 30.1
65 41.8 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 61.956 ng

RT: 9.626 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

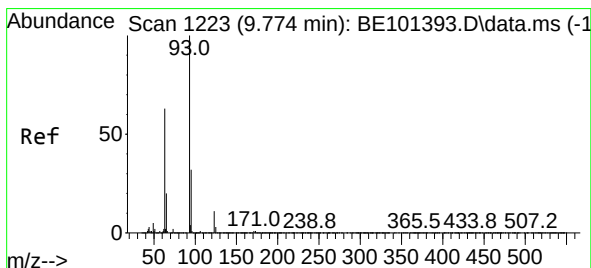
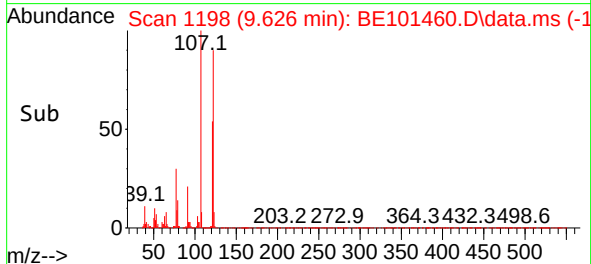
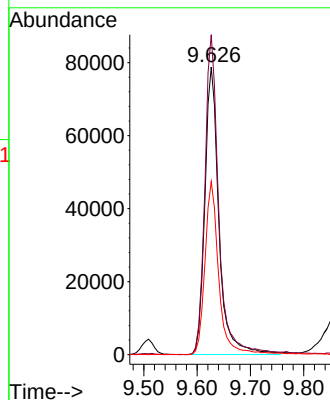
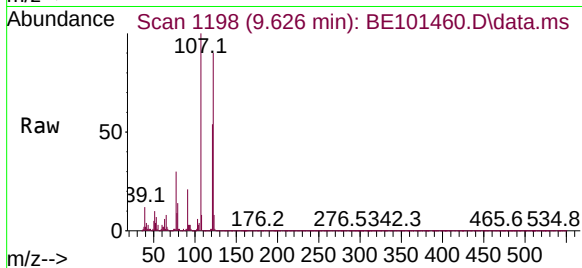
Tgt Ion:122 Resp: 144191

Ion Ratio Lower Upper

122 100

107 111.3 87.4 131.0

121 60.2 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.119 ng

RT: 9.773 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

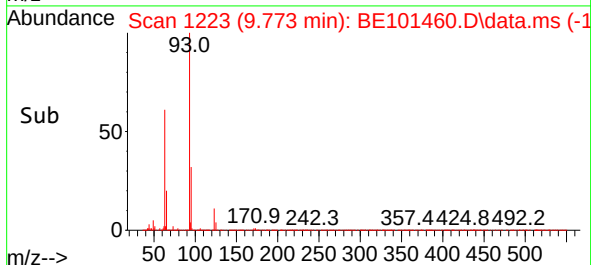
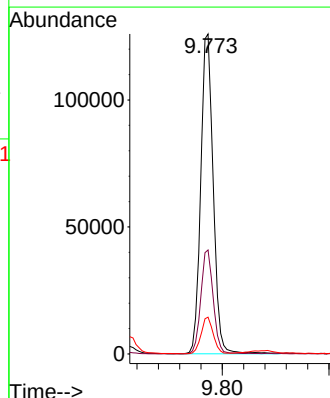
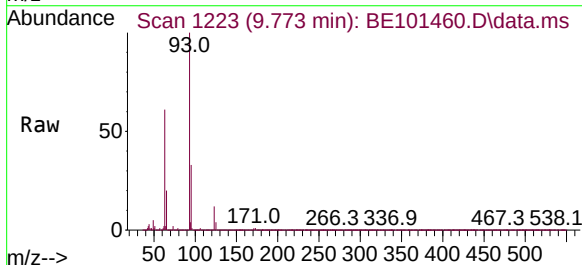
Tgt Ion: 93 Resp: 204734

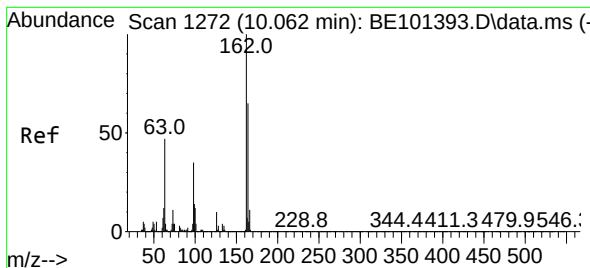
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

123 11.5 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 52.456 ng

RT: 10.061 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

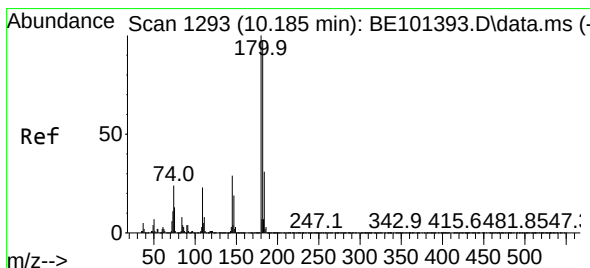
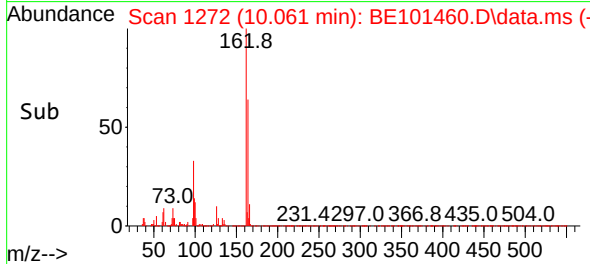
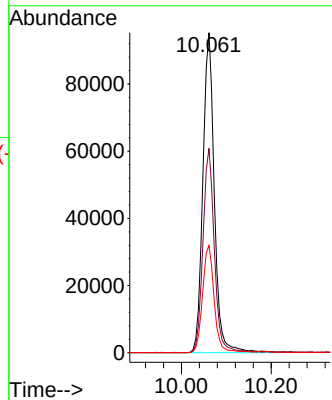
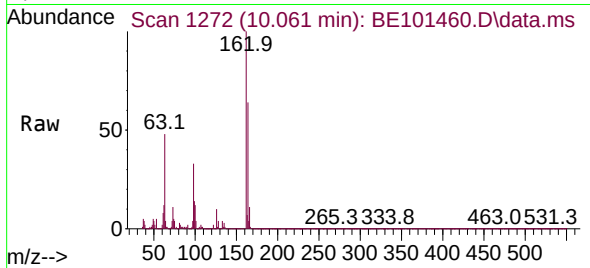
Tgt Ion:162 Resp: 168892

Ion Ratio Lower Upper

162 100

164 63.8 45.4 85.4

98 33.5 14.5 54.5



#30

1,2,4-Trichlorobenzene

Concen: 49.101 ng

RT: 10.185 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

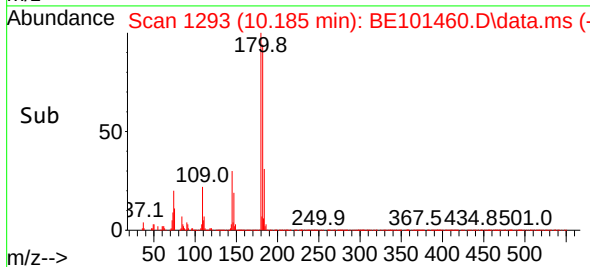
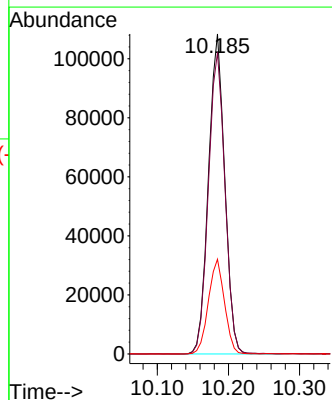
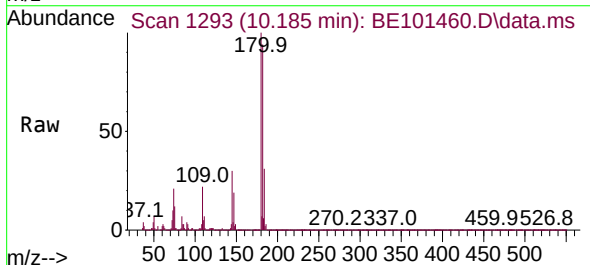
Tgt Ion:180 Resp: 172221

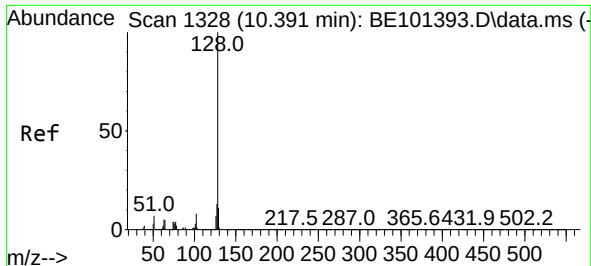
Ion Ratio Lower Upper

180 100

182 94.2 77.4 116.0

145 29.6 23.3 34.9

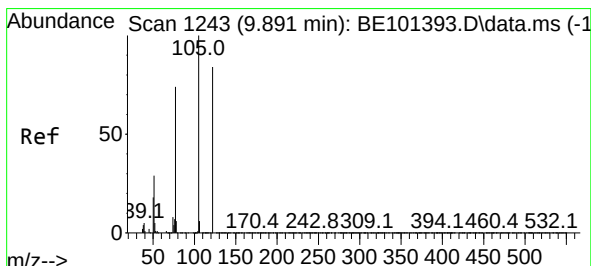
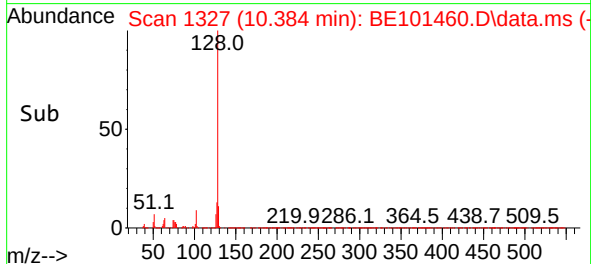
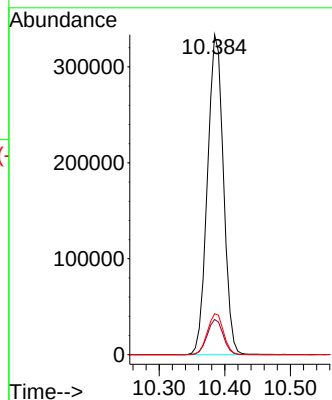
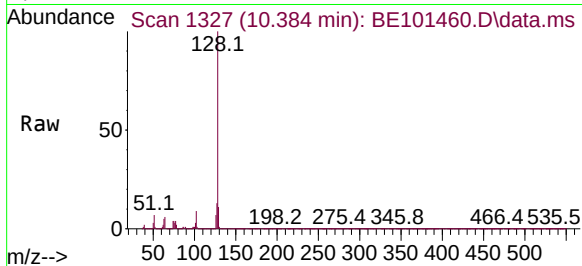




#31
Naphthalene
Concen: 49.081 ng
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

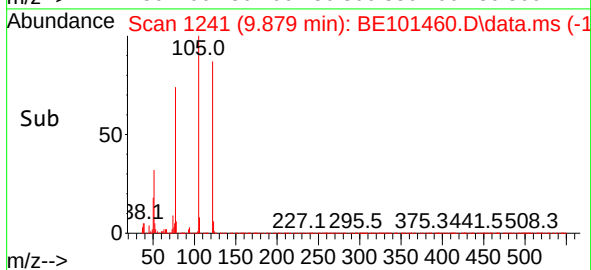
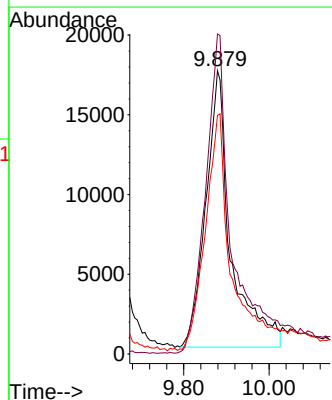
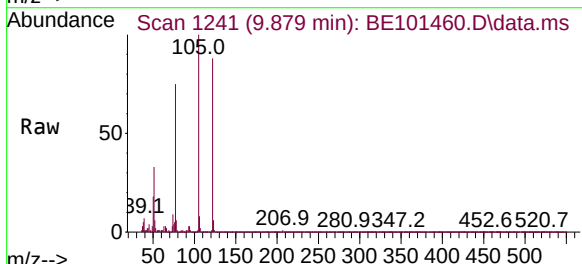
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

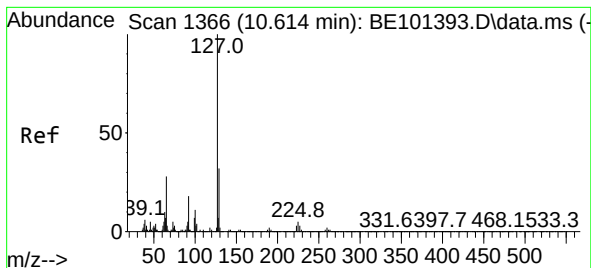
Tgt Ion:128 Resp: 564800
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 32.646 ng
RT: 9.879 min Scan# 1241
Delta R.T. -0.012 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:122 Resp: 70568
Ion Ratio Lower Upper
122 100
105 113.0 97.9 137.9
77 84.3 68.1 108.1





#33

4-Chloroaniline

Concen: 25.667 ng

RT: 10.608 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

Tgt Ion:127 Resp: 102707

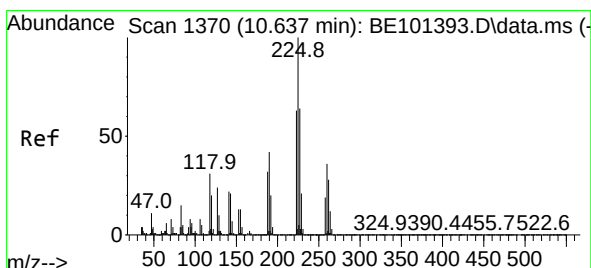
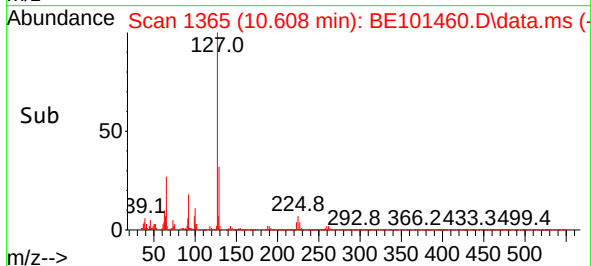
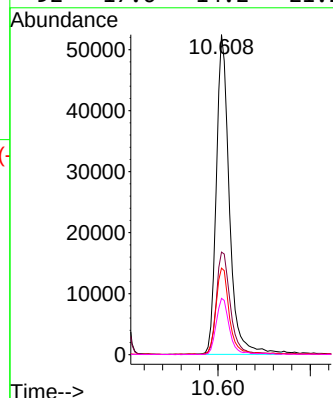
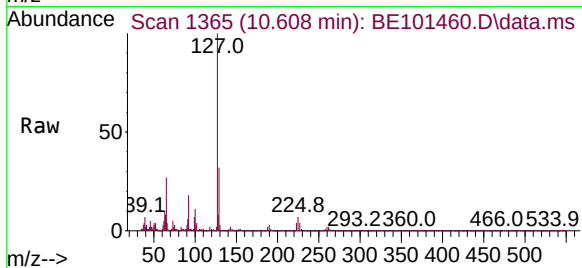
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 27.0 22.2 33.4

92 17.6 14.2 21.2



#34

Hexachlorobutadiene

Concen: 50.672 ng

RT: 10.631 min Scan# 1369

Delta R.T. -0.006 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

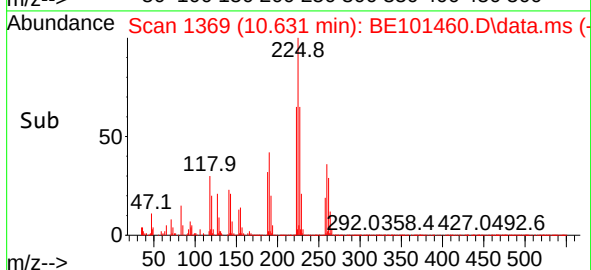
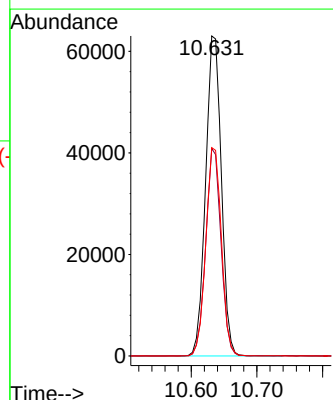
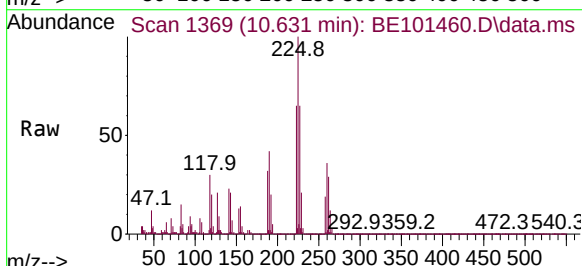
Tgt Ion:225 Resp: 105201

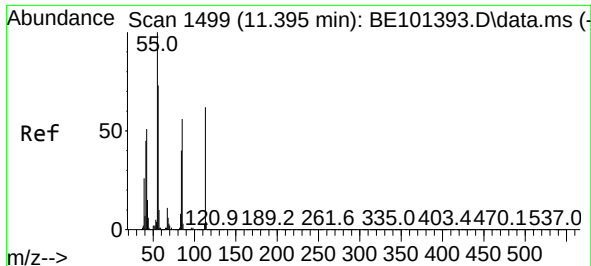
Ion Ratio Lower Upper

225 100

223 64.9 50.5 75.7

227 65.1 51.0 76.6

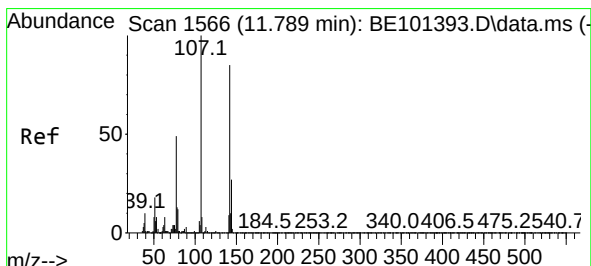
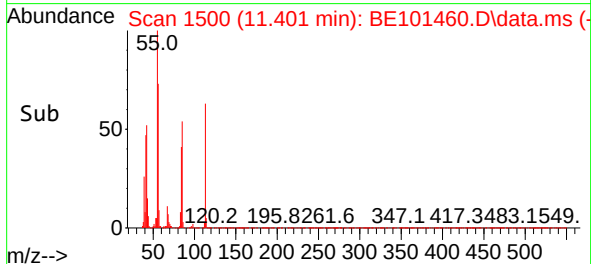
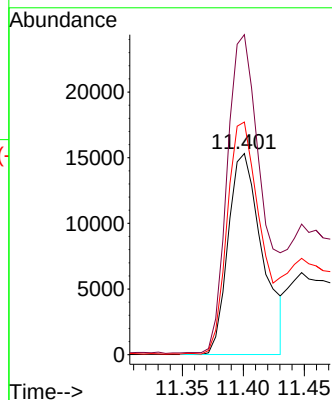
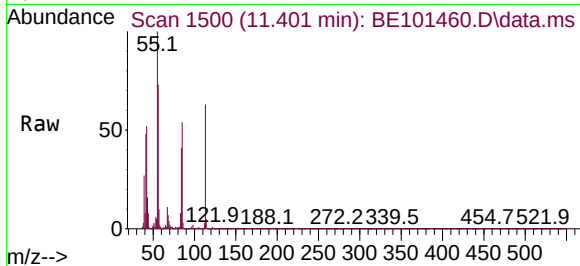




#35
Caprolactam
Concen: 24.090 ng
RT: 11.401 min Scan# 113
Delta R.T. 0.005 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

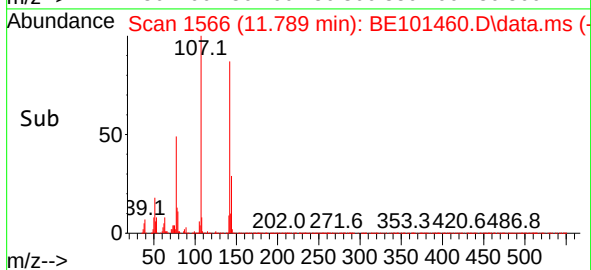
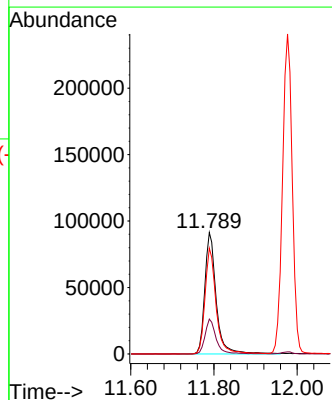
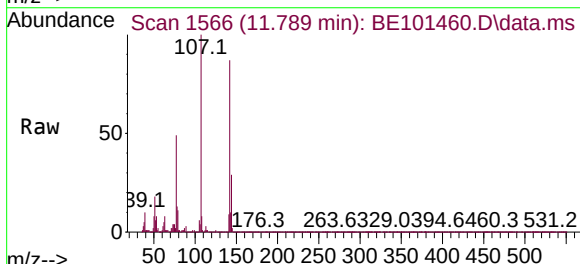
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

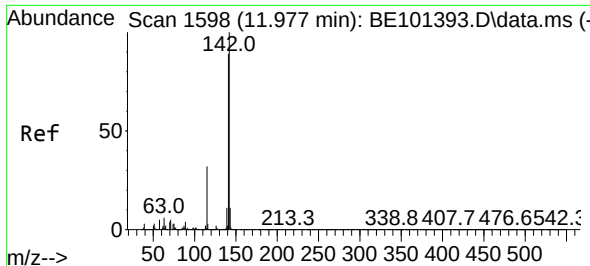
Tgt Ion:113 Resp: 29732
Ion Ratio Lower Upper
113 100
55 159.1 141.2 181.2
56 115.7 96.9 136.9



#36
4-Chloro-3-methylphenol
Concen: 47.147 ng
RT: 11.789 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:107 Resp: 172839
Ion Ratio Lower Upper
107 100
144 28.7 21.9 32.9
142 87.1 68.0 102.0

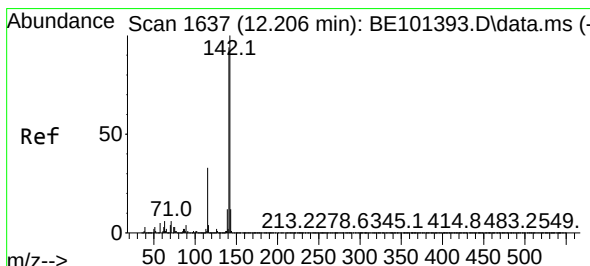
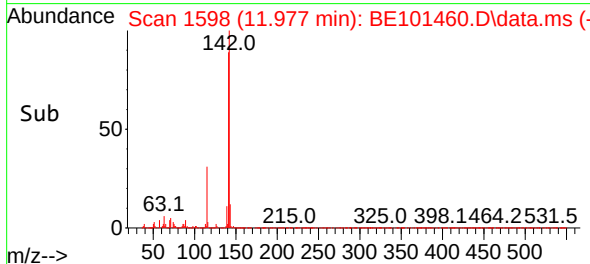
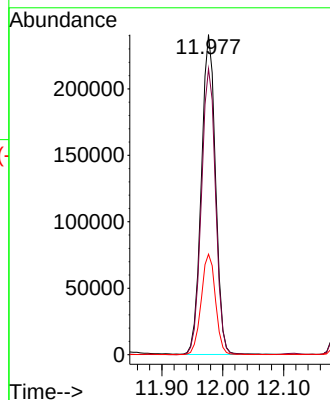
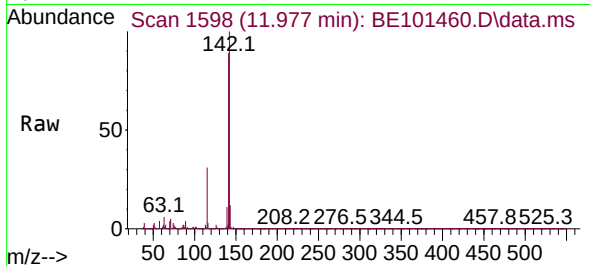




#37
2-Methylnaphthalene
Concen: 47.046 ng
RT: 11.977 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

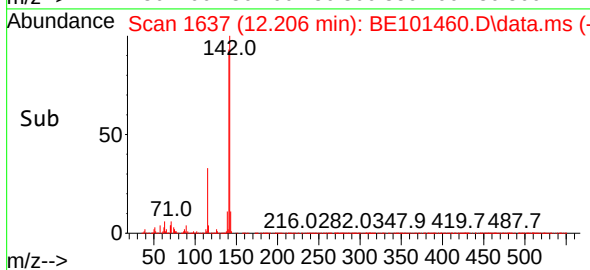
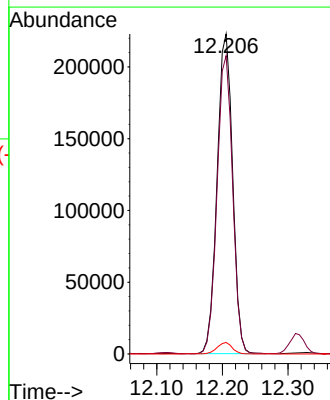
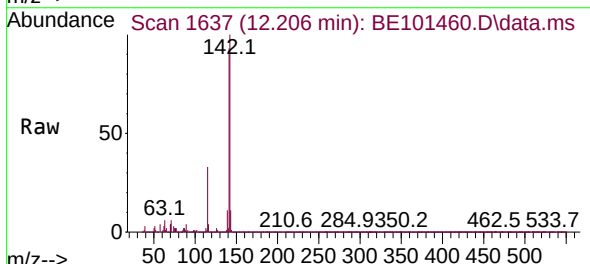
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

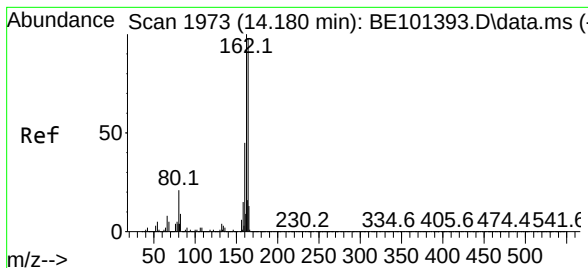
Tgt Ion:142 Resp: 390038
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2
115 31.4 25.6 38.4



#38
1-Methylnaphthalene
Concen: 43.992 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:142 Resp: 364001
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.180 min Scan# 1973

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

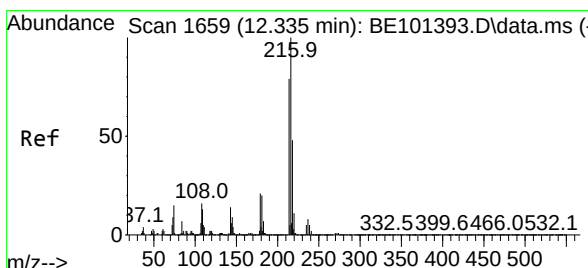
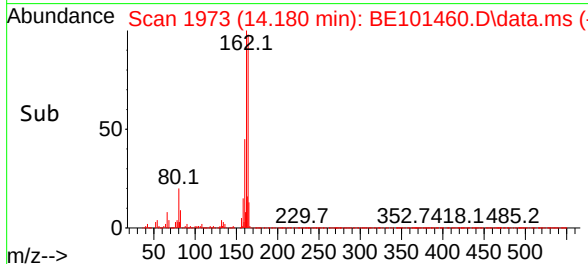
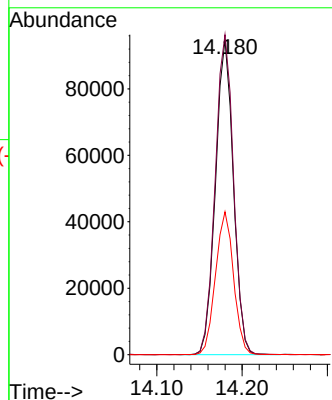
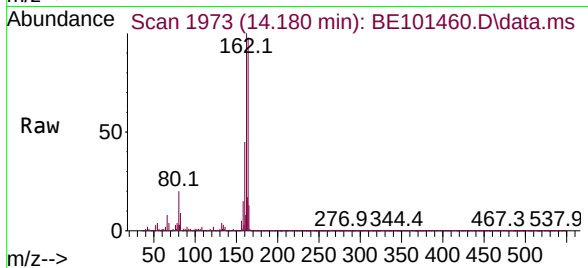
Tgt Ion:164 Resp: 137542

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 45.4 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.548 ng

RT: 12.335 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Tgt Ion:216 Resp: 191796

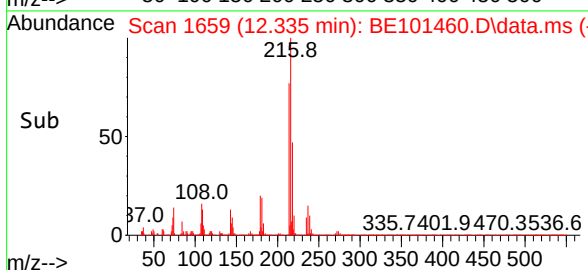
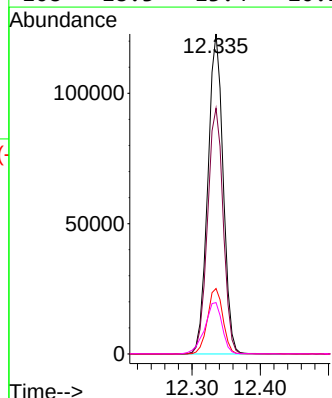
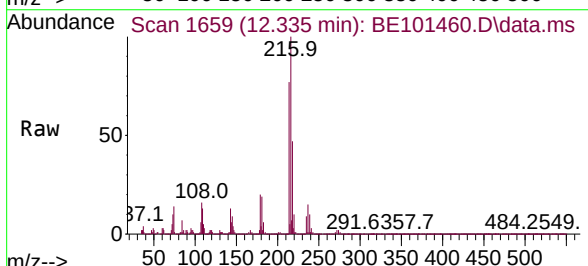
Ion Ratio Lower Upper

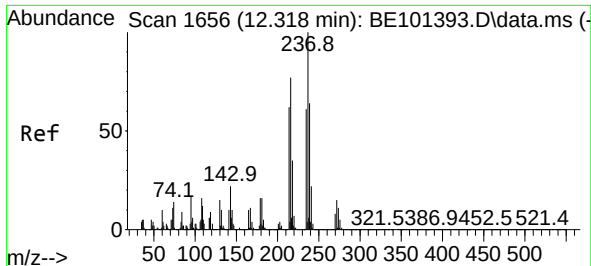
216 100

214 78.1 63.0 94.4

179 20.6 16.7 25.1

108 18.3 13.4 20.2

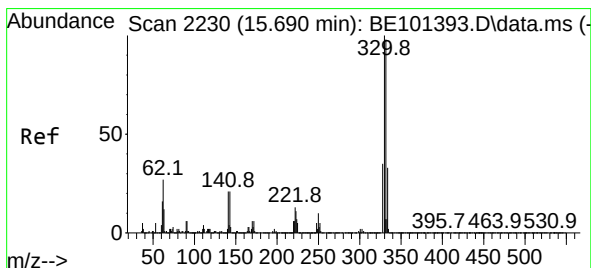
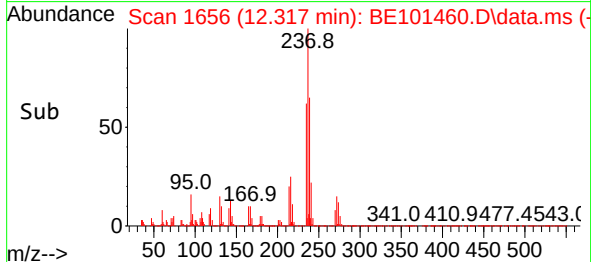
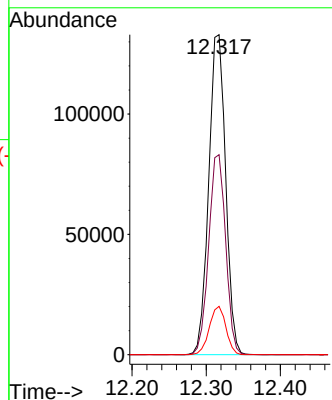
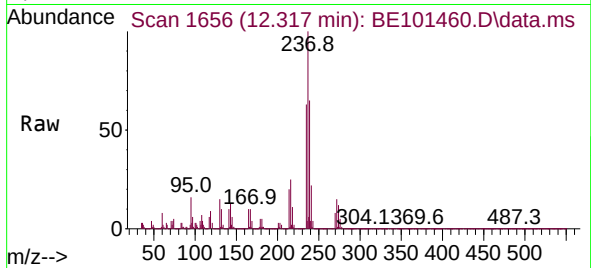




#41
Hexachlorocyclopentadiene
Concen: 184.527 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

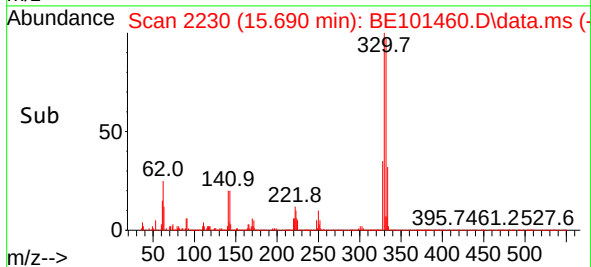
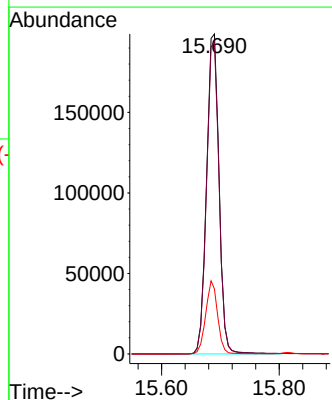
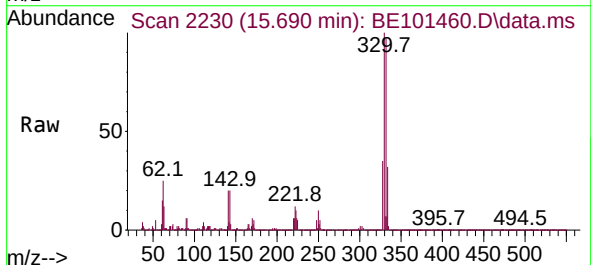
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

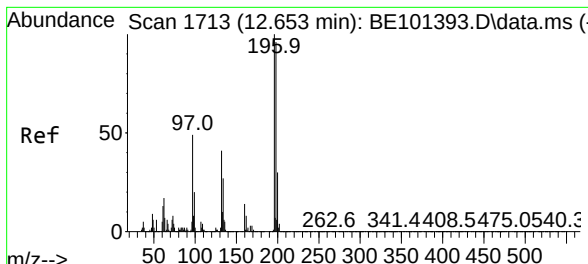
Tgt Ion:237 Resp: 210420
Ion Ratio Lower Upper
237 100
235 62.5 41.3 81.3
272 15.1 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 121.343 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:330 Resp: 292517
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.2
141 21.8 18.3 27.5



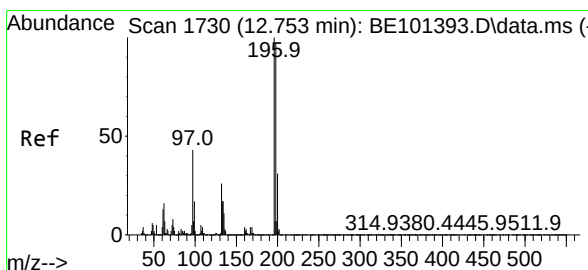
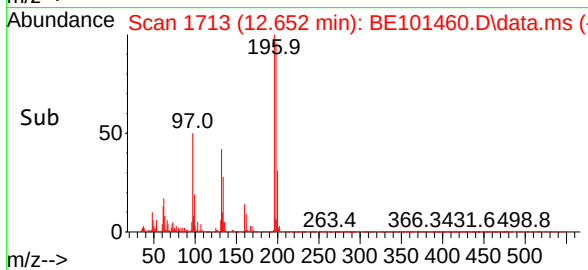
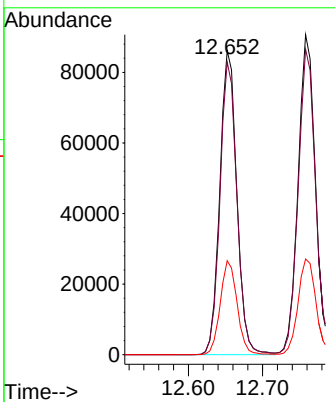
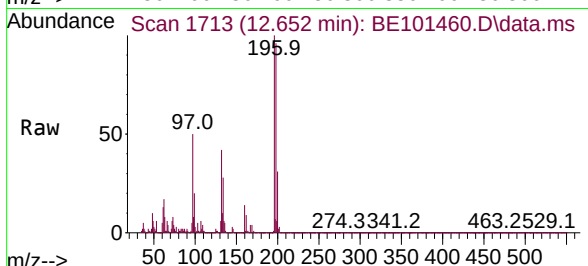


#43
2,4,6-Trichlorophenol
Concen: 57.636 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Instrument :
BNA_E
ClientSampleId :
COMP-4MS

Tgt Ion:196 Resp: 137191

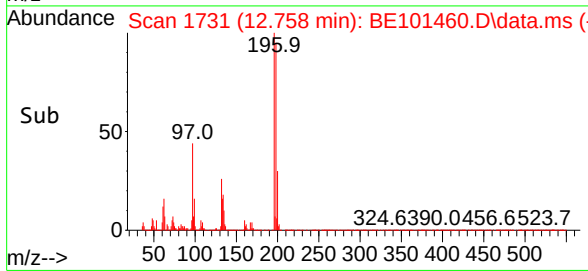
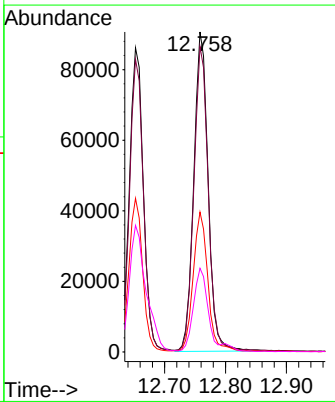
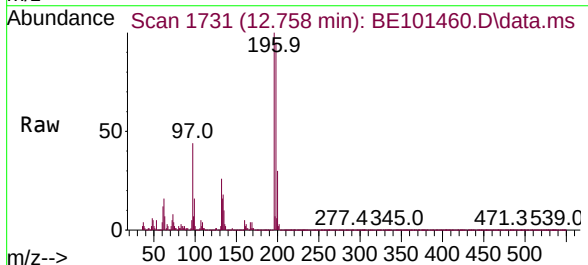
Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	115.0
200	30.9	24.1	36.1

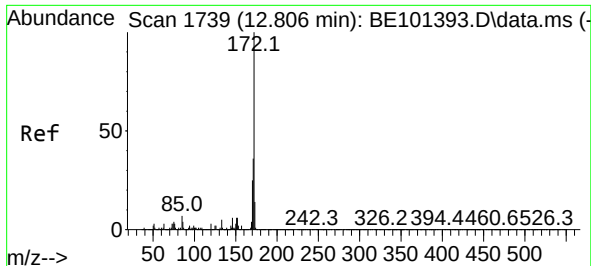


#44
2,4,5-Trichlorophenol
Concen: 54.643 ng
RT: 12.758 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:196 Resp: 148947

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.4	116.0
97	43.7	34.8	52.2
132	26.2	21.2	31.8

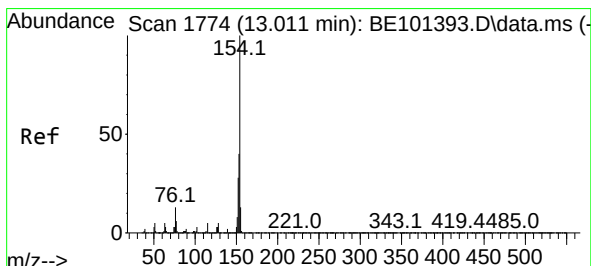
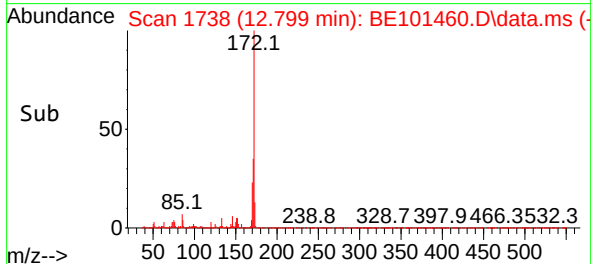
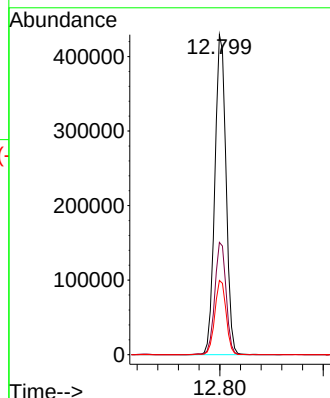
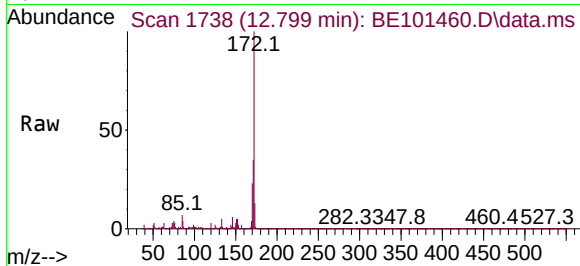




#45
2-Fluorobiphenyl
Concen: 79.330 ng
RT: 12.799 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

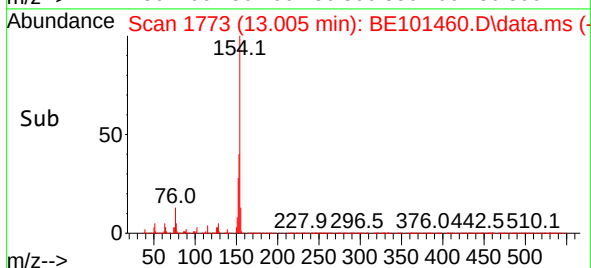
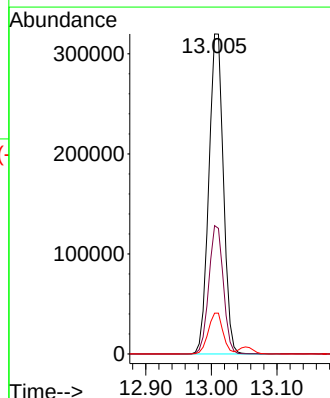
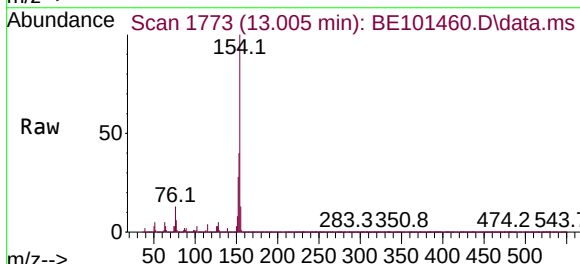
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

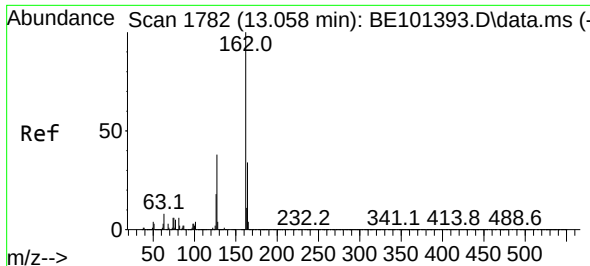
Tgt Ion:172 Resp: 644286
Ion Ratio Lower Upper
172 100
171 35.1 29.2 43.8
170 23.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 52.302 ng
RT: 13.005 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:154 Resp: 492851
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 12.8 0.0 32.6

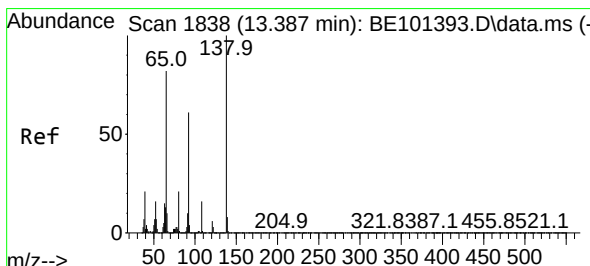
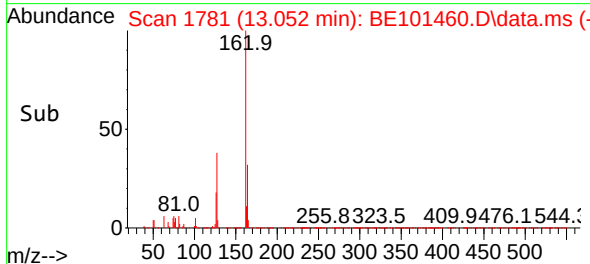
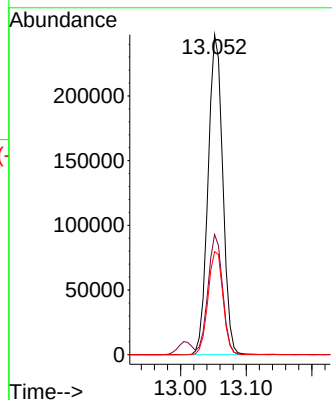
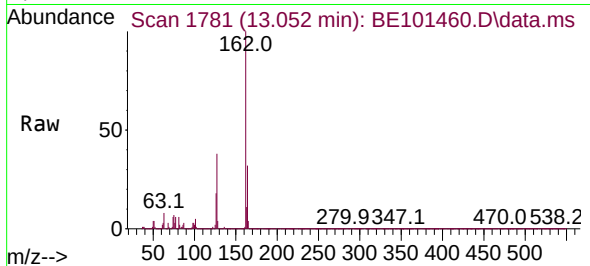




#47
2-Chloronaphthalene
Concen: 51.694 ng
RT: 13.052 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

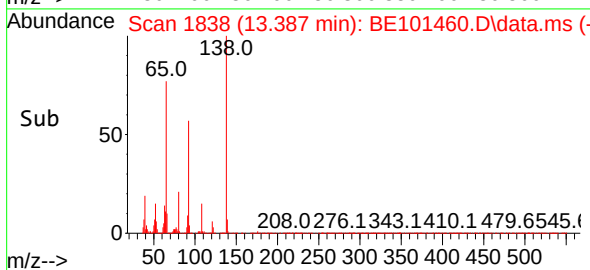
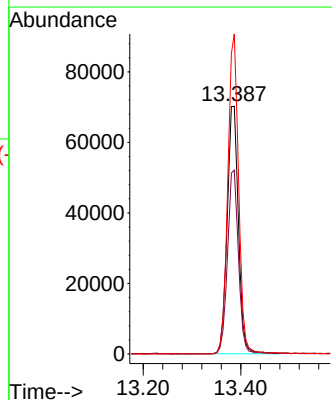
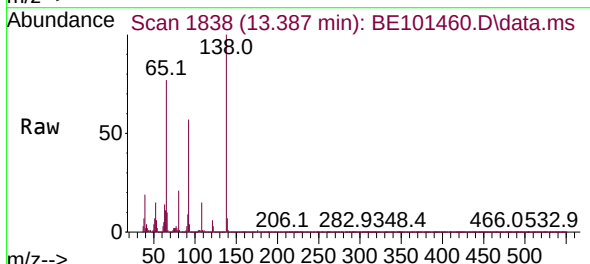
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

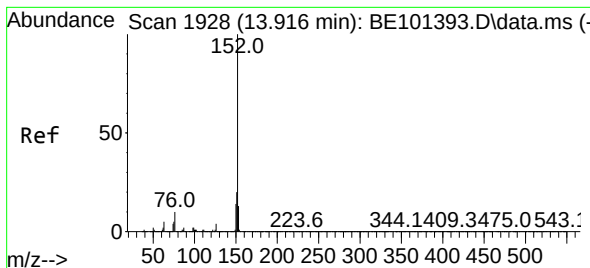
Tgt Ion:162 Resp: 384857
Ion Ratio Lower Upper
162 100
127 37.6 30.4 45.6
164 32.2 27.0 40.6



#48
2-Nitroaniline
Concen: 56.587 ng
RT: 13.387 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 65 Resp: 113376
Ion Ratio Lower Upper
65 100
92 74.2 59.0 88.4
138 129.2 97.4 146.0





#49

Acenaphthylene

Concen: 56.889 ng

RT: 13.910 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

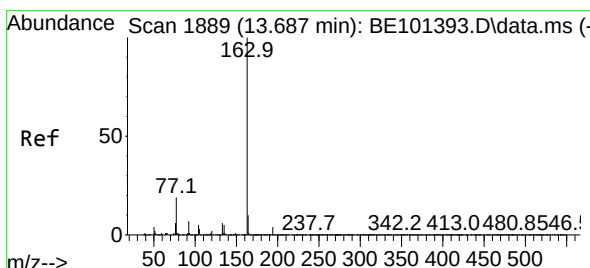
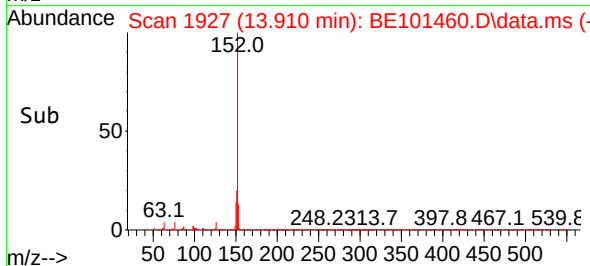
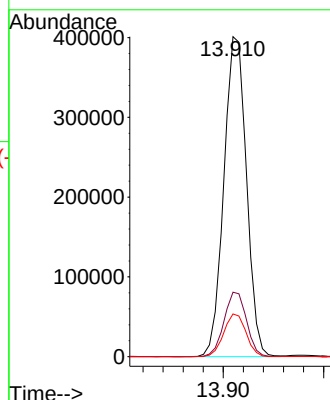
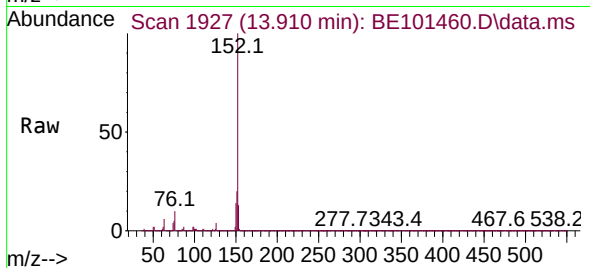
Tgt Ion:152 Resp: 626333

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 49.709 ng

RT: 13.686 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

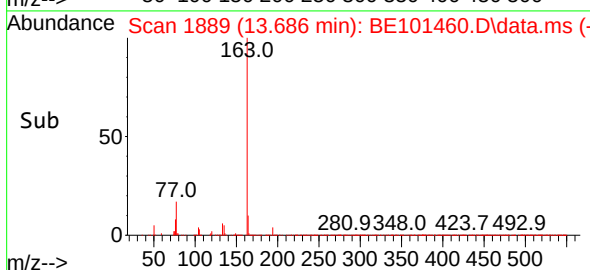
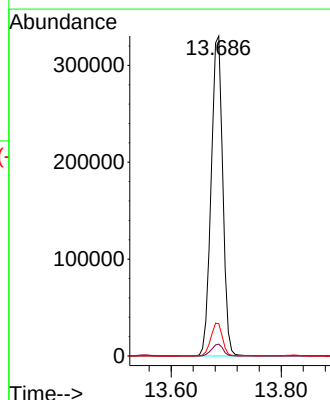
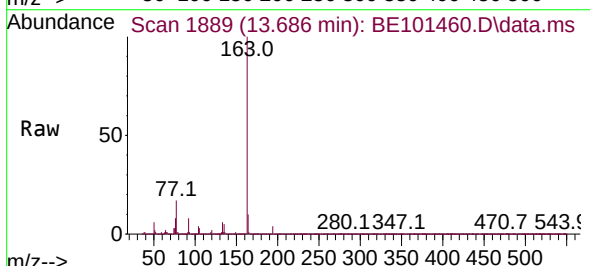
Tgt Ion:163 Resp: 482611

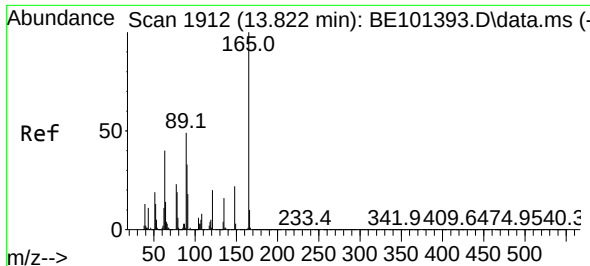
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 10.1 8.4 12.6

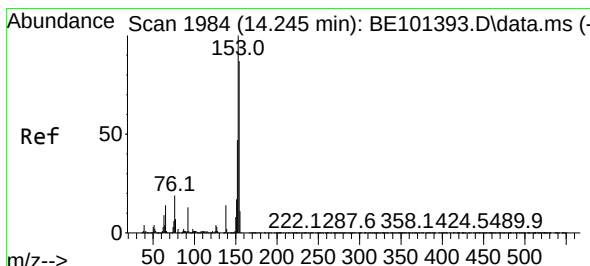
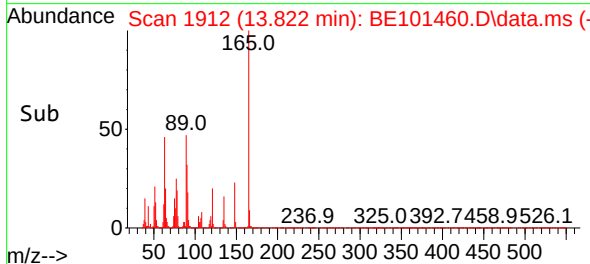
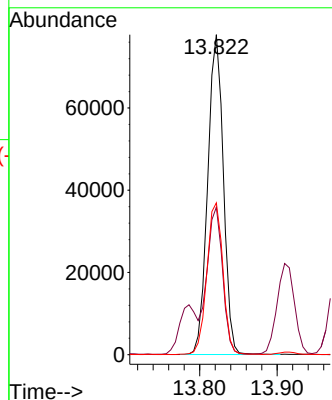
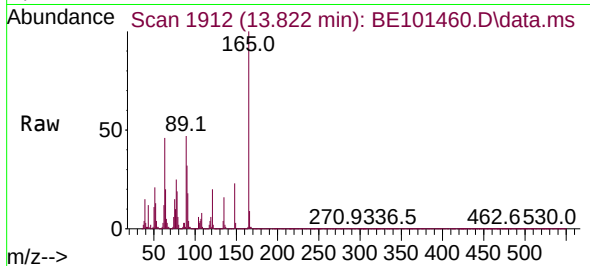




#51
2,6-Dinitrotoluene
Concen: 48.654 ng
RT: 13.822 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

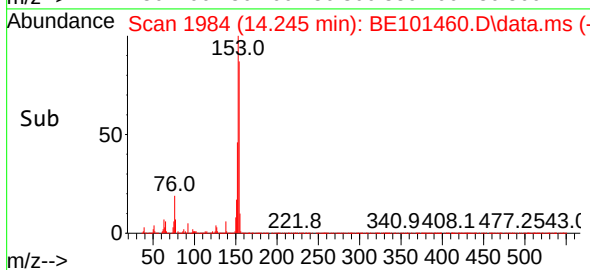
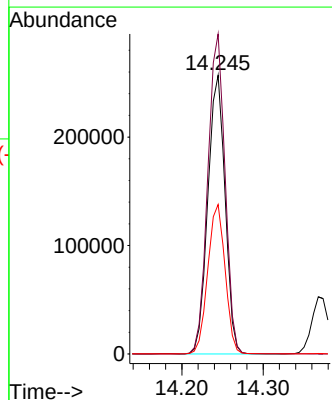
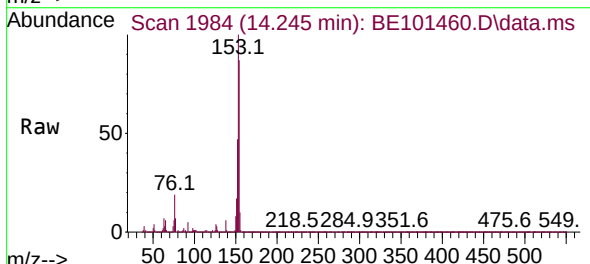
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

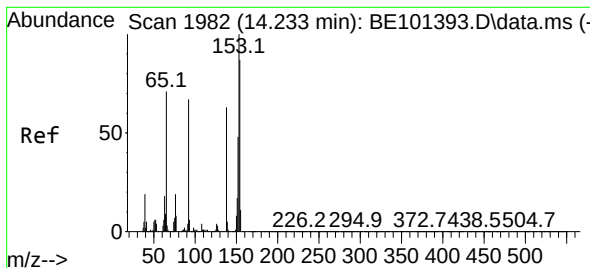
Tgt Ion:165 Resp: 109056
Ion Ratio Lower Upper
165 100
63 46.1 38.0 57.0
89 47.5 39.5 59.3



#52
Acenaphthene
Concen: 52.523 ng
RT: 14.245 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:154 Resp: 377590
Ion Ratio Lower Upper
154 100
153 114.8 91.8 137.6
152 53.6 43.1 64.7





#53

3-Nitroaniline

Concen: 35.443 ng

RT: 14.227 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

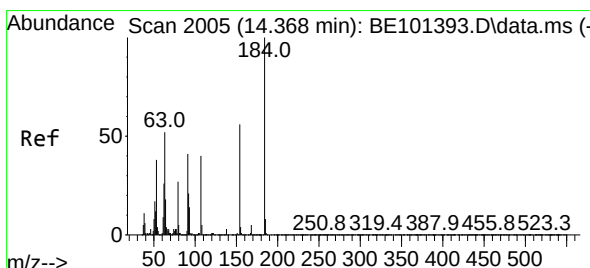
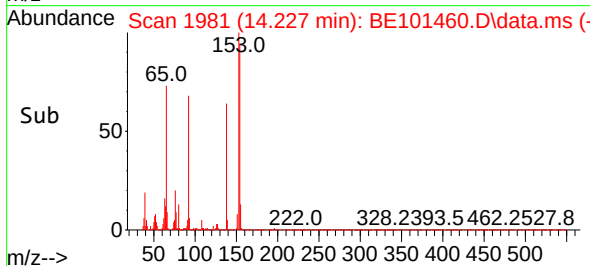
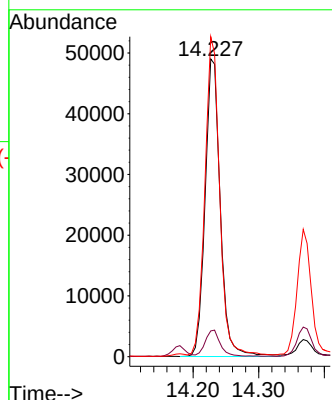
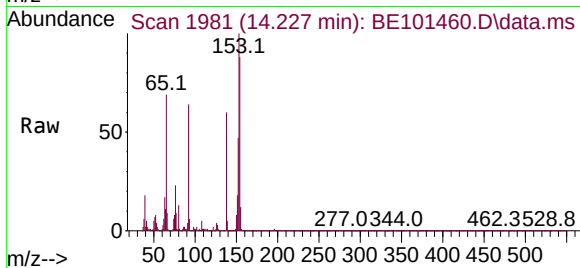
Tgt Ion:138 Resp: 78998

Ion Ratio Lower Upper

138 100

108 8.7 7.1 10.7

92 107.4 84.4 126.6



#54

2,4-Dinitrophenol

Concen: 91.782 ng

RT: 14.368 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

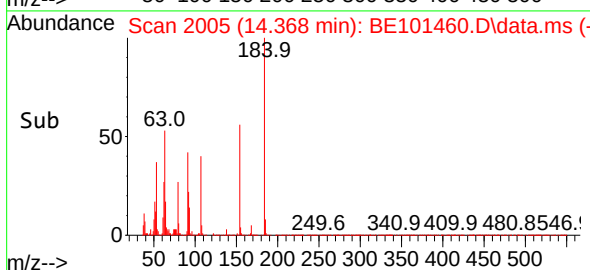
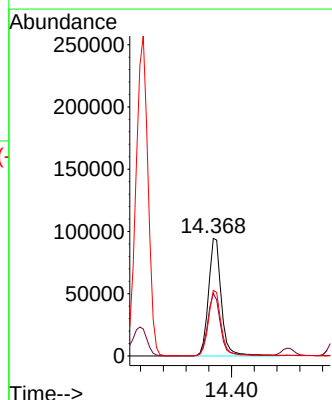
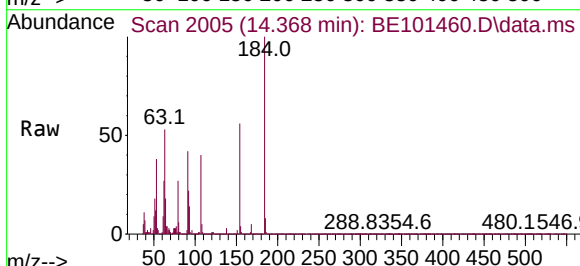
Tgt Ion:184 Resp: 147594

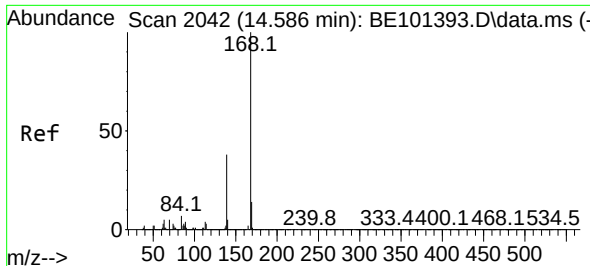
Ion Ratio Lower Upper

184 100

63 53.1 41.8 62.6

154 55.8 44.9 67.3

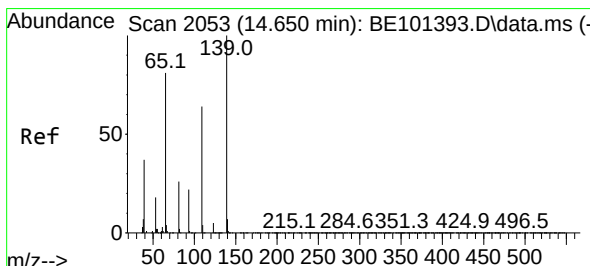
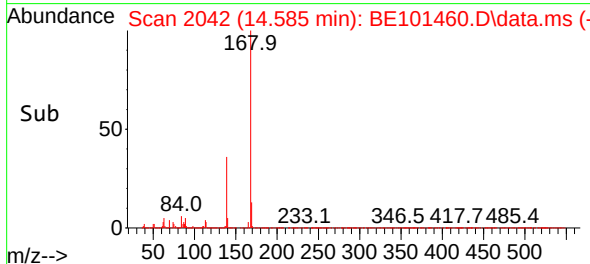
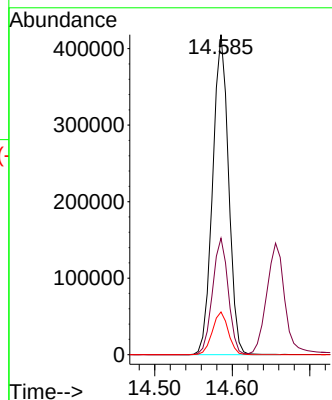
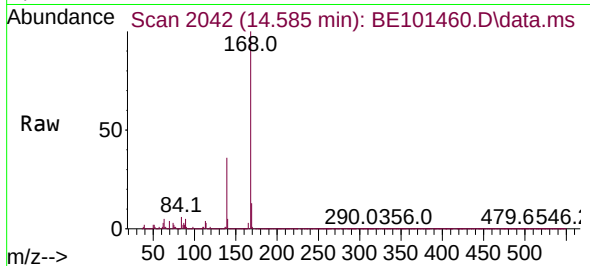




#55
Dibenzenofuran
Concen: 51.936 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

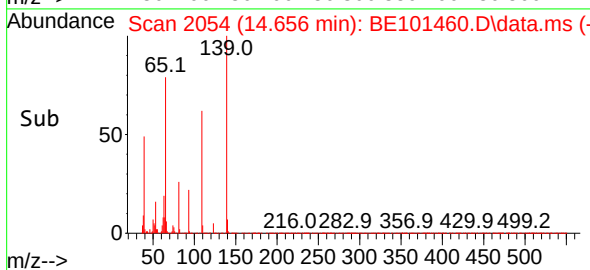
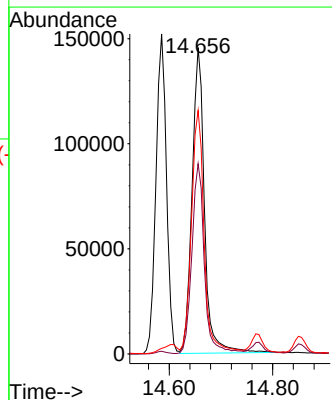
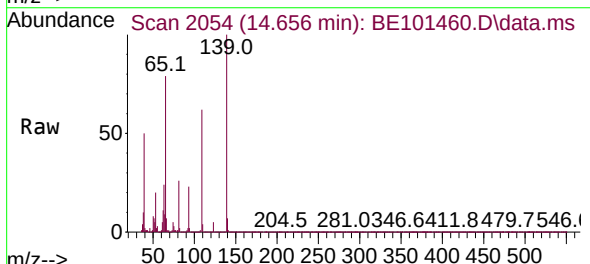
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

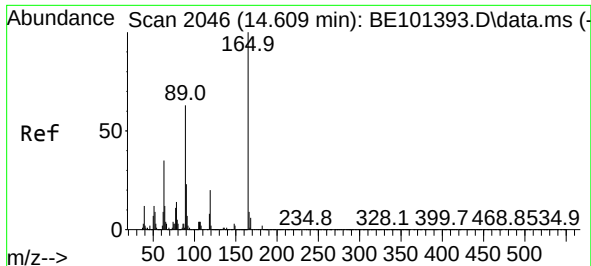
Tgt Ion:168 Resp: 595110
Ion Ratio Lower Upper
168 100
139 36.4 30.2 45.4
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 118.591 ng
RT: 14.656 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:139 Resp: 242056
Ion Ratio Lower Upper
139 100
109 62.1 42.4 82.4
65 79.5 63.4 103.4

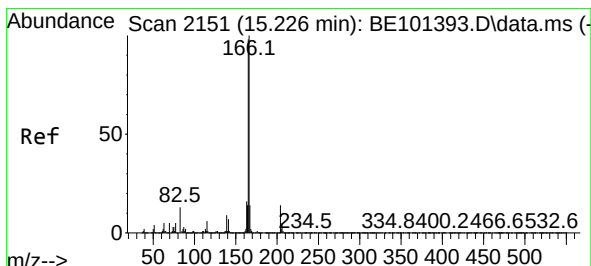
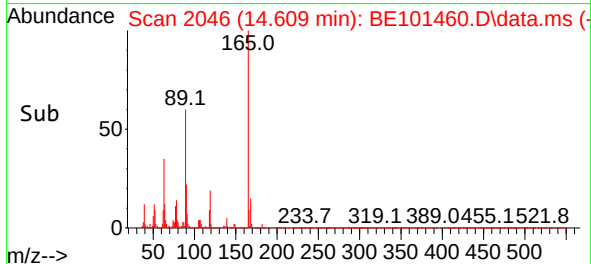
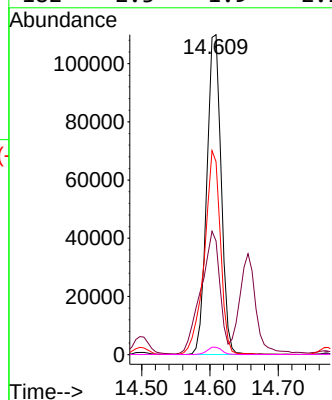
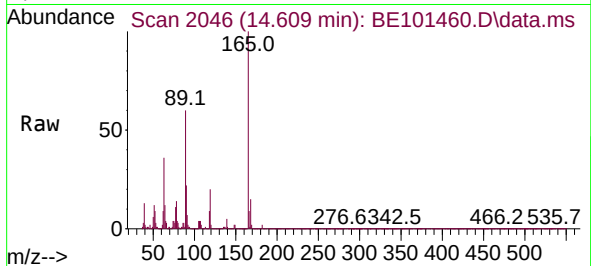




#57
2,4-Dinitrotoluene
Concen: 52.141 ng
RT: 14.609 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

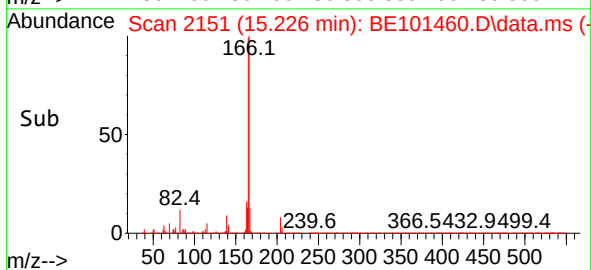
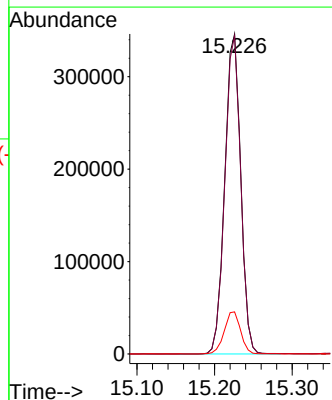
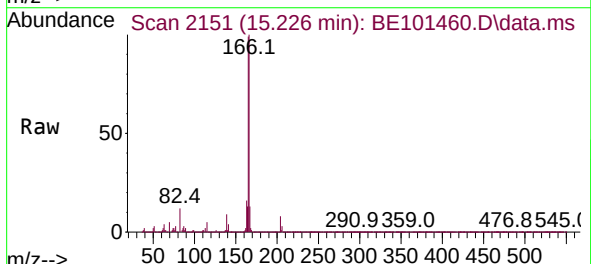
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

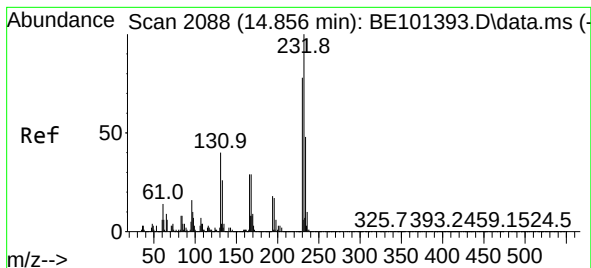
Tgt Ion:	165	Resp:	160902
Ion	Ratio	Lower	Upper
165	100		
63	35.5	28.6	42.8
89	60.3	50.8	76.2
182	2.3	1.9	2.9



#58
Fluorene
Concen: 51.502 ng
RT: 15.226 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:	166	Resp:	493677
Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.7	118.1
167	13.1	11.0	16.4

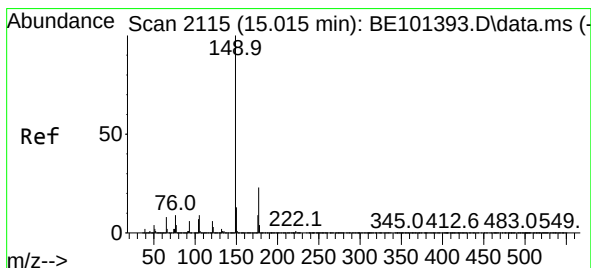
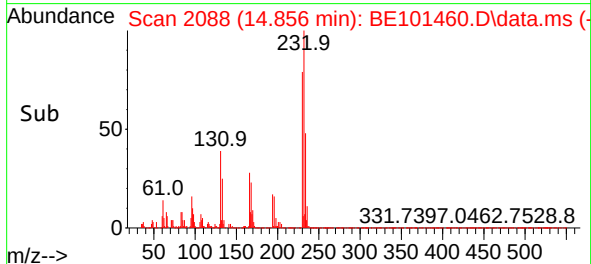
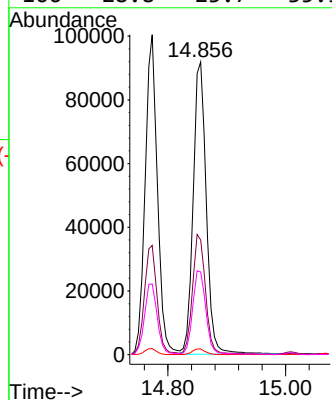
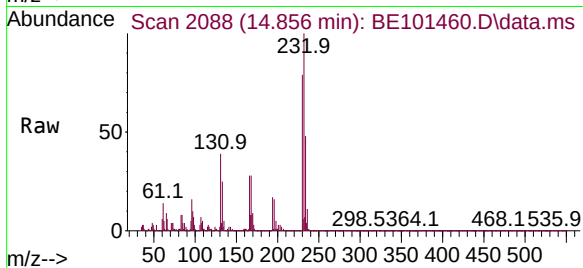




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.293 ng
RT: 14.856 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

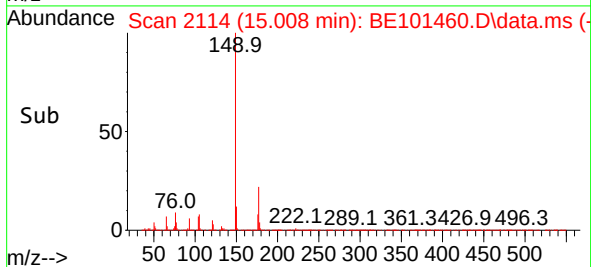
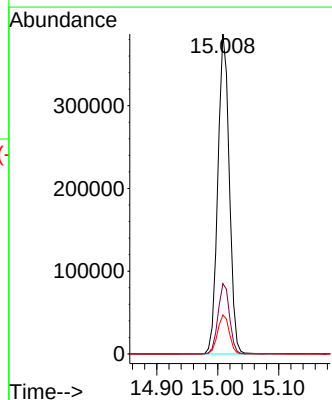
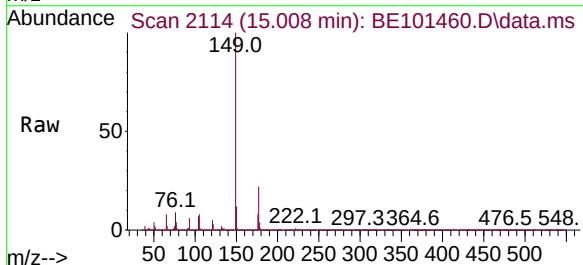
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

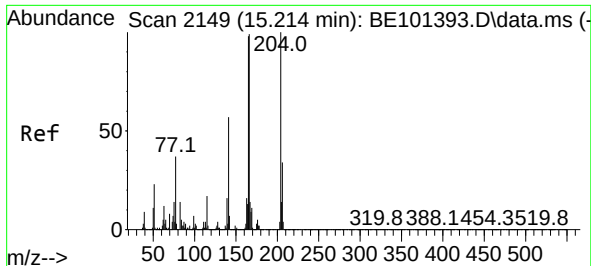
Tgt Ion:232 Resp: 141773
Ion Ratio Lower Upper
232 100
131 40.5 33.5 50.3
130 2.0 1.6 2.4
166 28.8 23.7 35.5



#60
Diethylphthalate
Concen: 49.502 ng
RT: 15.008 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:149 Resp: 502691
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 12.2 10.3 15.5

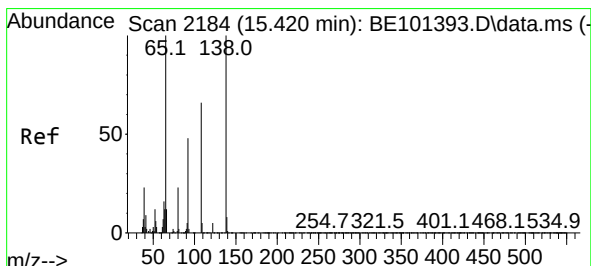
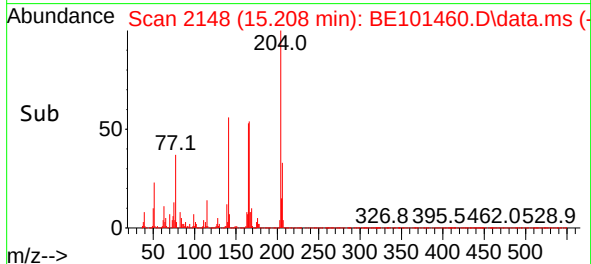
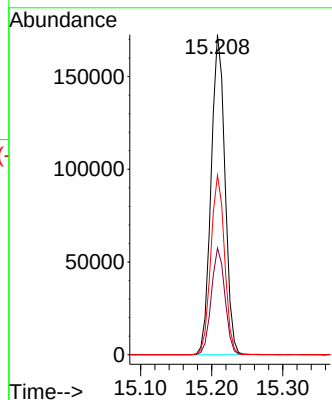
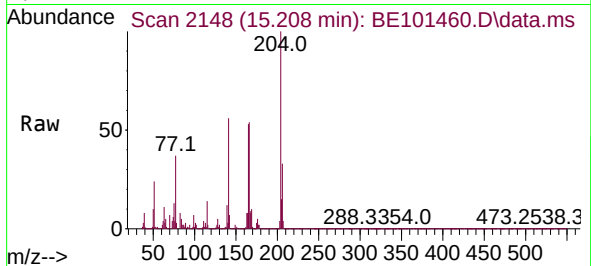




#61
4-Chlorophenyl-phenylether
Concen: 49.261 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

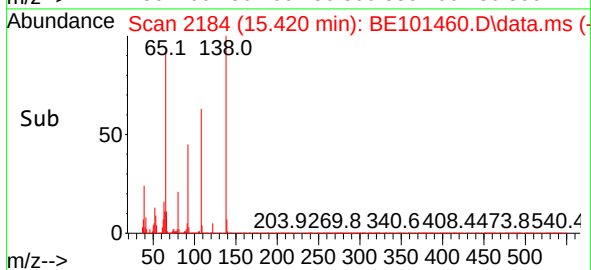
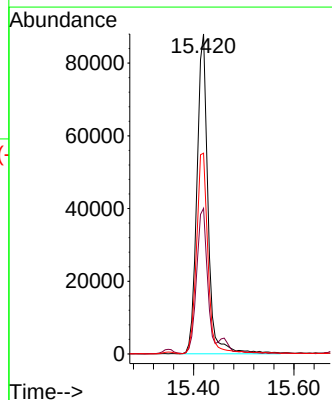
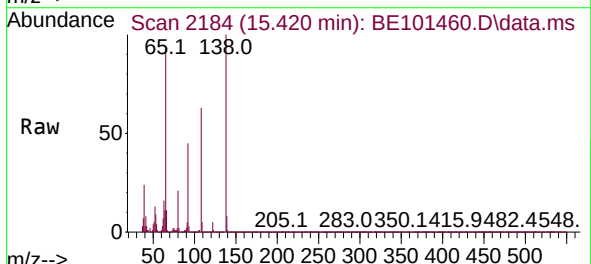
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

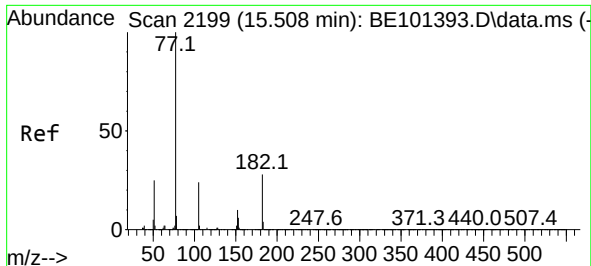
Tgt Ion:204 Resp: 234319
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 56.1 45.9 68.9



#62
4-Nitroaniline
Concen: 54.376 ng
RT: 15.420 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:138 Resp: 134862
Ion Ratio Lower Upper
138 100
92 45.5 28.7 68.7
108 62.7 46.5 86.5



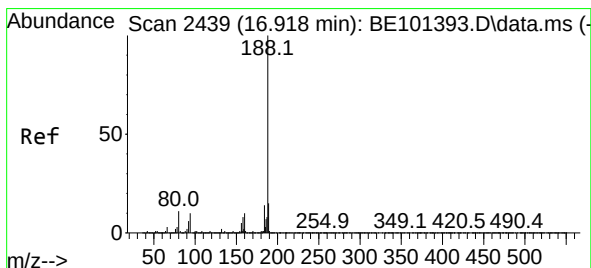
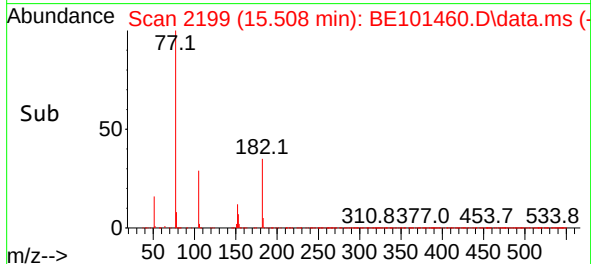
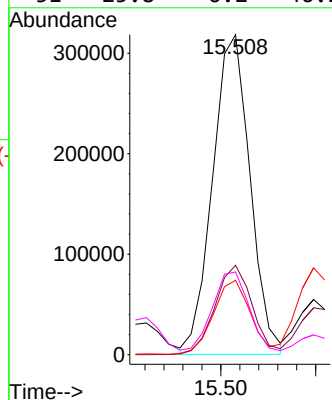
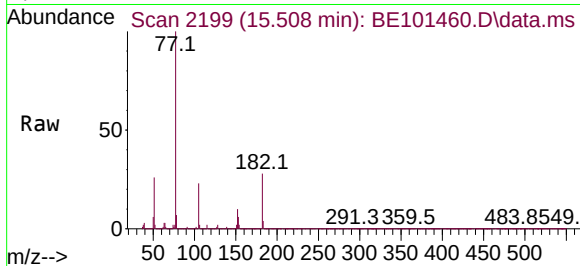


#63
Azobenzene
Concen: 49.996 ng
RT: 15.508 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Instrument :
BNA_E
ClientSampleId :
COMP-4MS

Tgt Ion: 77 Resp: 436407

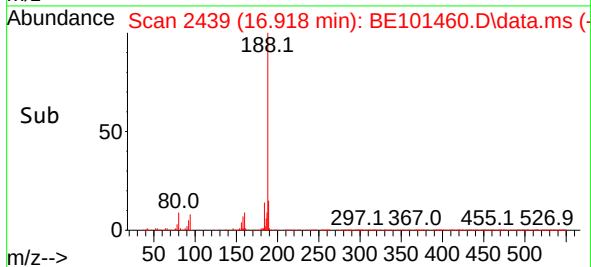
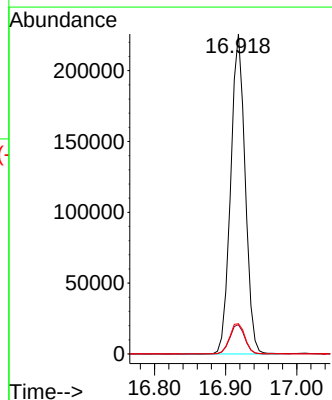
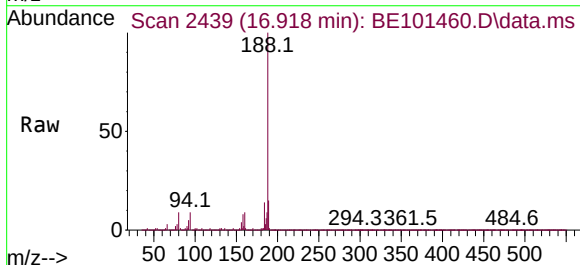
Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.6	47.6
105	23.2	3.2	43.2
51	25.8	6.2	46.2

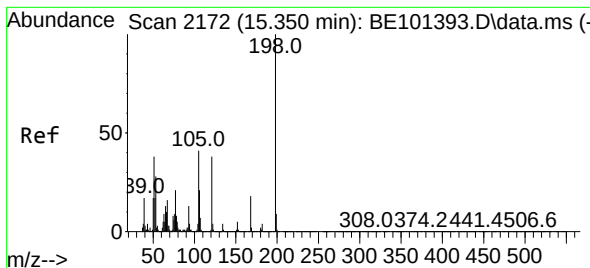


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion: 188 Resp: 319377

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.8
80	9.5	8.6	12.8

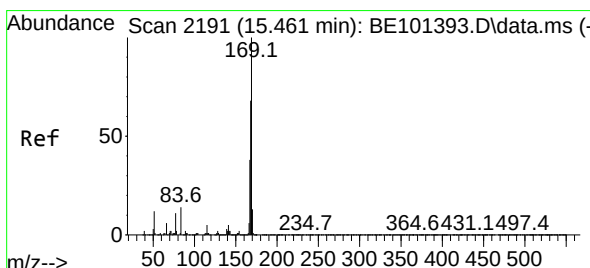
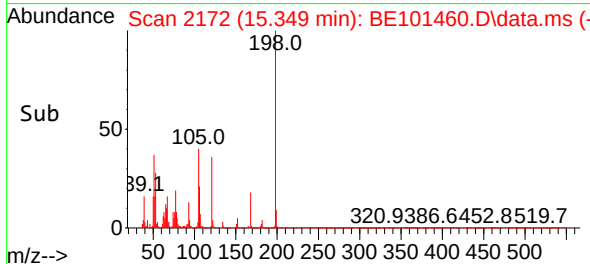
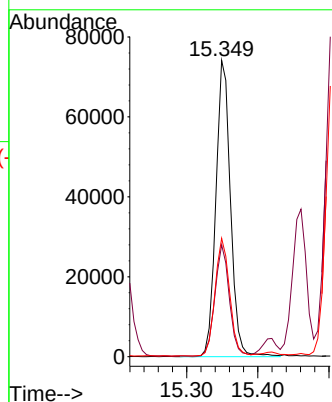
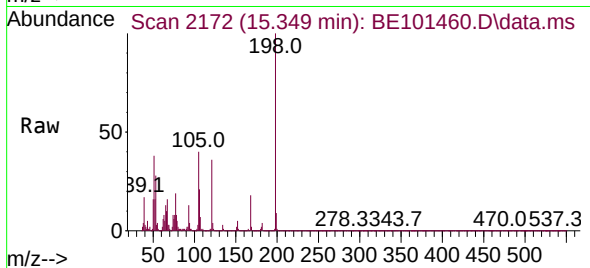




#65
4,6-Dinitro-2-methylphenol
Concen: 56.351 ng
RT: 15.349 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

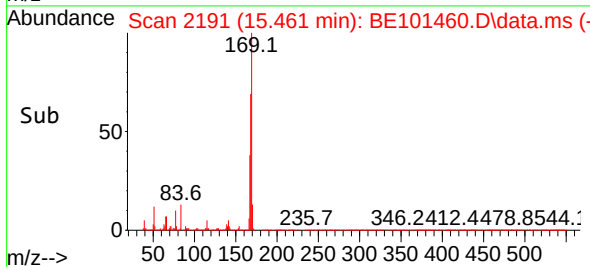
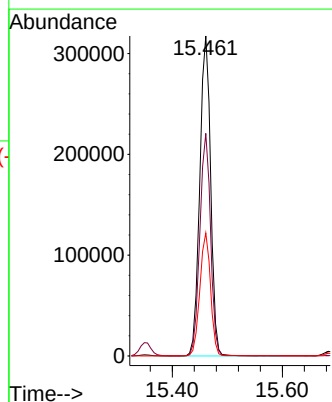
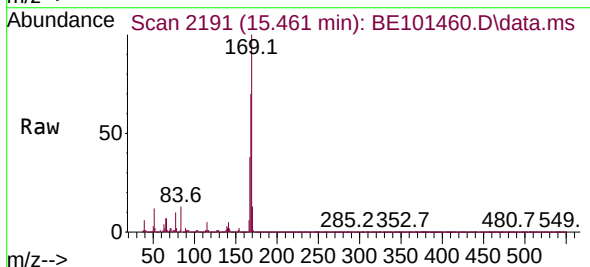
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

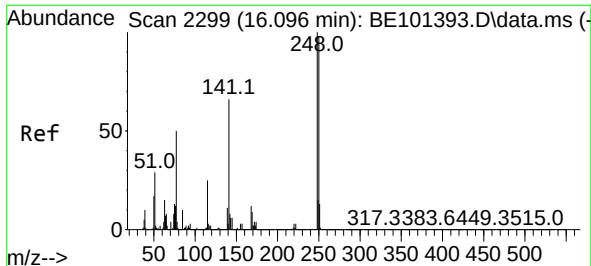
Tgt Ion:198 Resp: 105755
Ion Ratio Lower Upper
198 100
51 37.8 18.2 58.2
105 40.0 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 51.284 ng
RT: 15.461 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:169 Resp: 434351
Ion Ratio Lower Upper
169 100
168 69.5 54.5 81.7
167 38.4 30.4 45.6

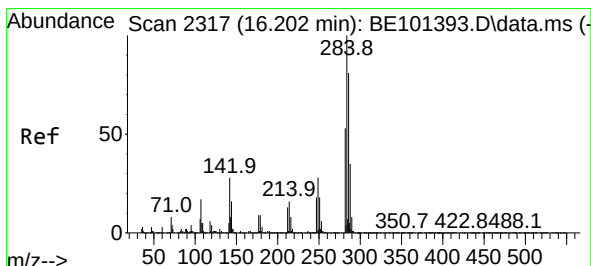
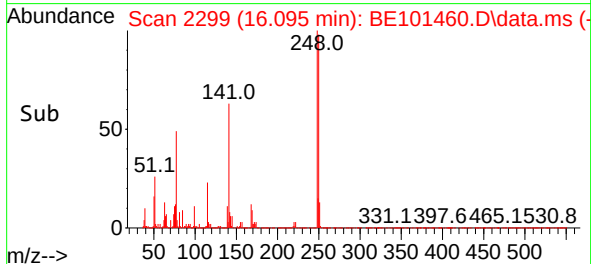
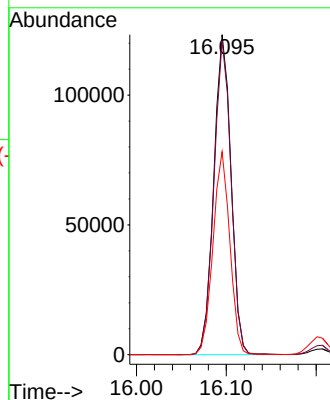
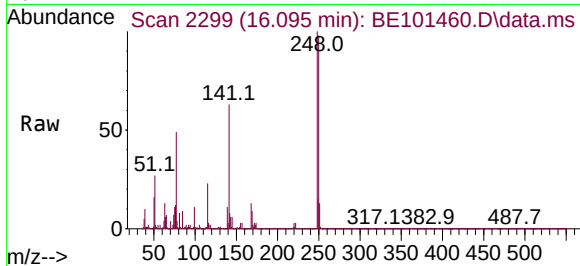




#67
4-Bromophenyl-phenylether
Concen: 48.960 ng
RT: 16.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

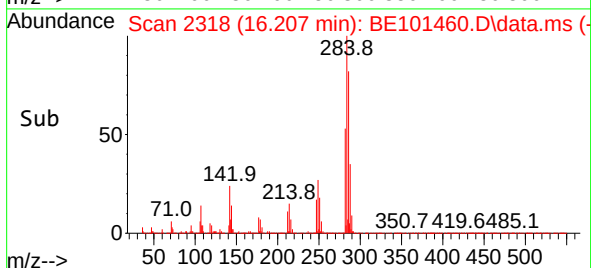
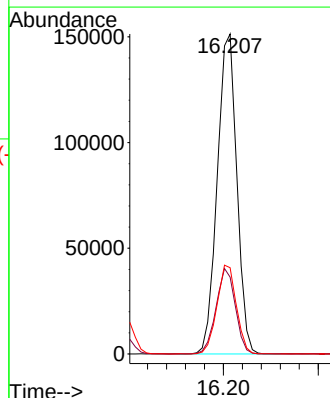
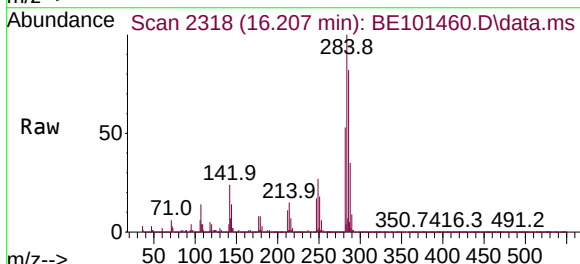
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

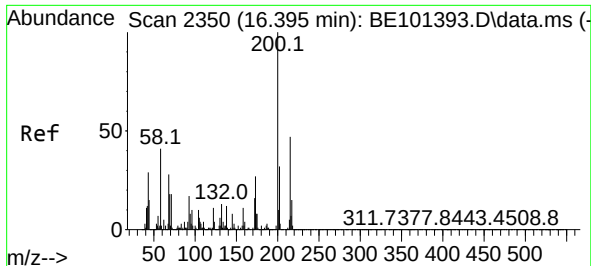
Tgt Ion:248 Resp: 164486
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.2
141 63.5 53.0 79.4



#68
Hexachlorobenzene
Concen: 49.265 ng
RT: 16.207 min Scan# 2318
Delta R.T. 0.005 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:284 Resp: 216945
Ion Ratio Lower Upper
284 100
142 24.0 22.2 33.2
249 27.0 22.8 34.2

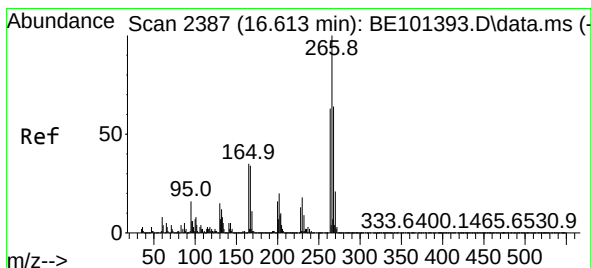
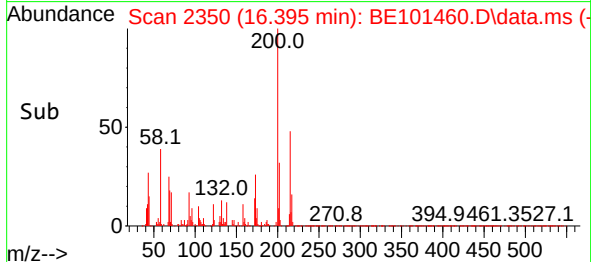
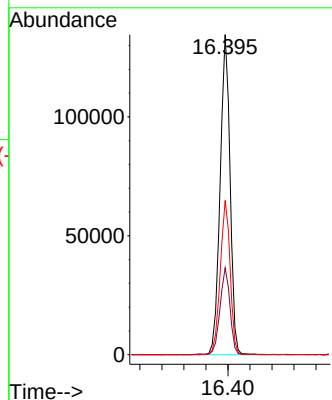
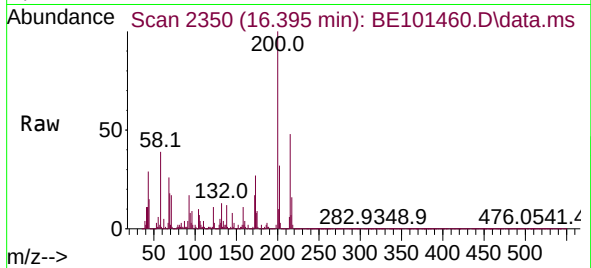




#69
 Atrazine
 Concen: 64.941 ng
 RT: 16.395 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BE101460.D
 Acq: 4 Nov 2024 18:02

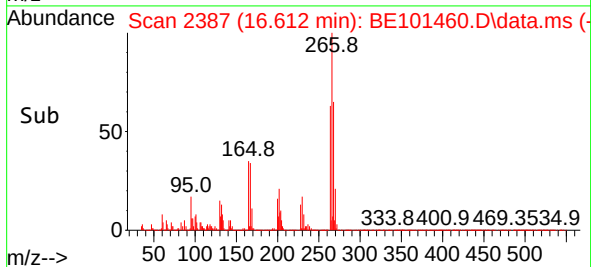
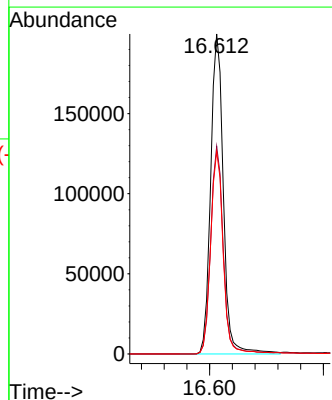
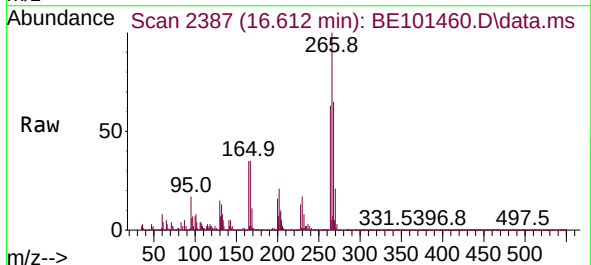
Instrument :
 BNA_E
 ClientSampleId :
 COMP-4MS

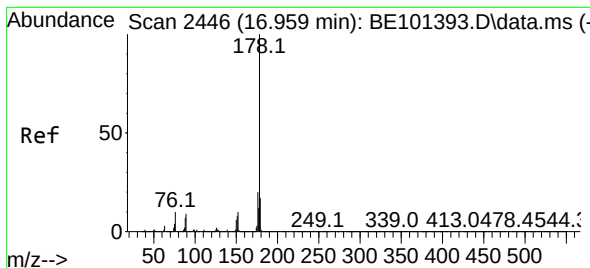
Tgt Ion:200 Resp: 168624
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.0 47.0
 215 48.2 27.3 67.3



#70
 Pentachlorophenol
 Concen: 121.372 ng
 RT: 16.612 min Scan# 2387
 Delta R.T. -0.000 min
 Lab File: BE101460.D
 Acq: 4 Nov 2024 18:02

Tgt Ion:266 Resp: 307652
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.5 77.3
 264 63.3 50.7 76.1





#71

Phenanthrene

Concen: 54.327 ng

RT: 16.959 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

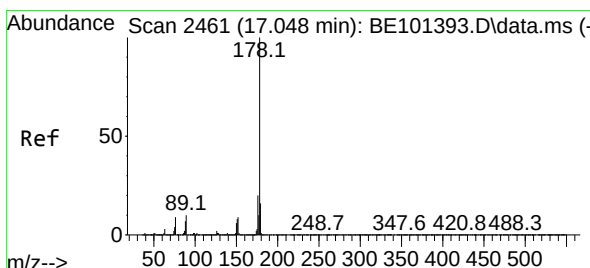
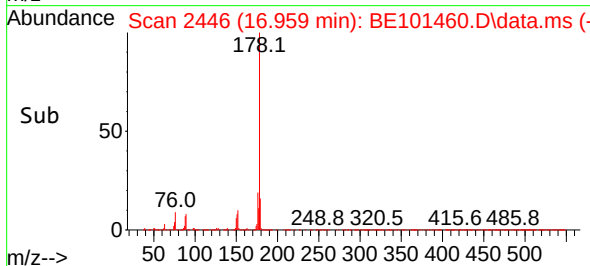
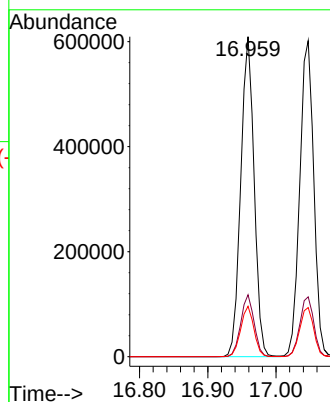
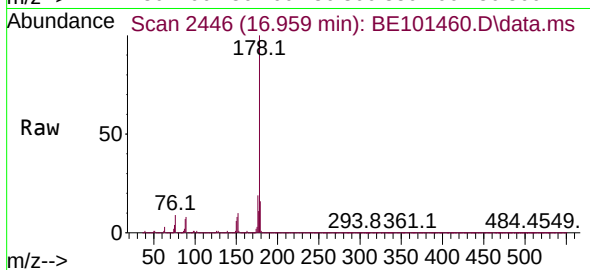
Tgt Ion:178 Resp: 830729

Ion Ratio Lower Upper

178 100

176 19.3 16.4 24.6

179 15.8 13.2 19.8



#72

Anthracene

Concen: 57.650 ng

RT: 17.047 min Scan# 2461

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

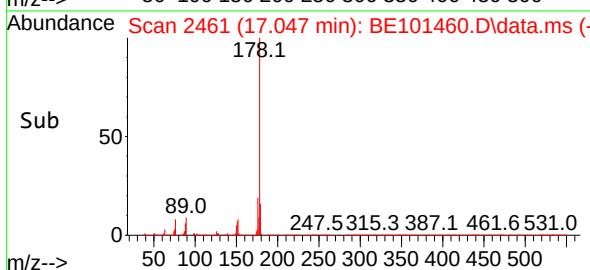
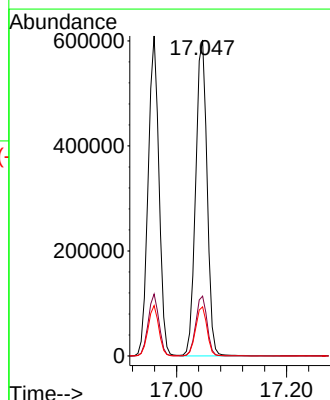
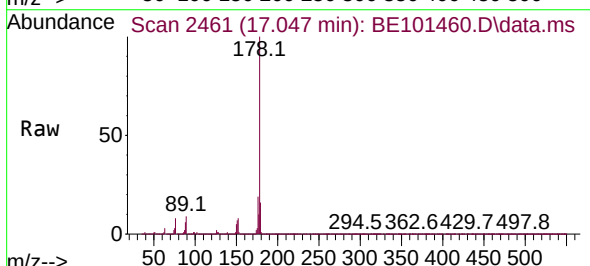
Tgt Ion:178 Resp: 860778

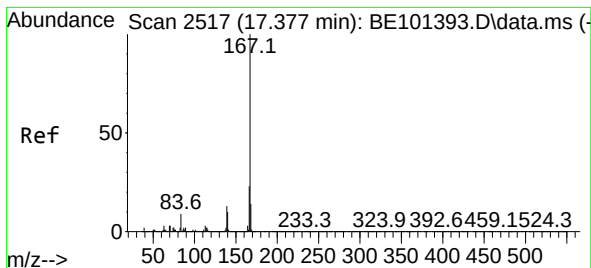
Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

179 15.5 13.1 19.7





#73

Carbazole

Concen: 57.163 ng

RT: 17.376 min Scan# 2517

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

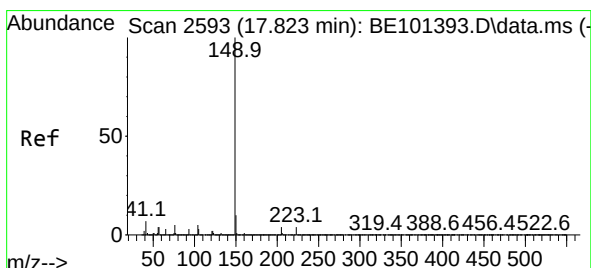
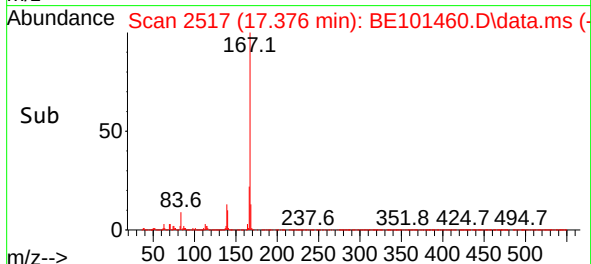
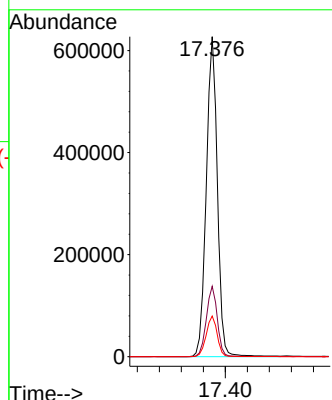
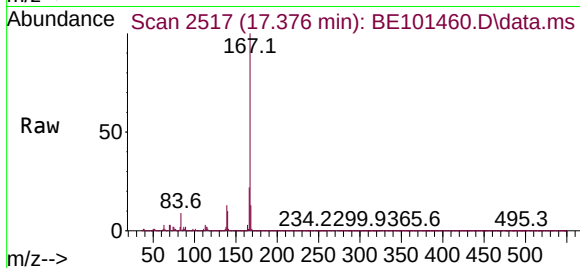
Tgt Ion:167 Resp: 873306

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

139 12.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 57.565 ng

RT: 17.823 min Scan# 2593

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

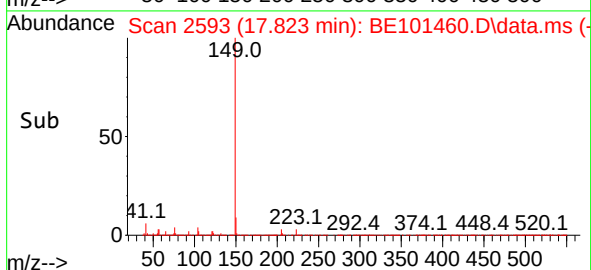
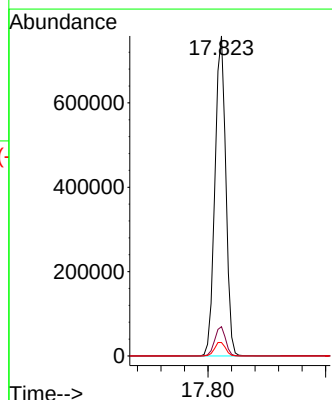
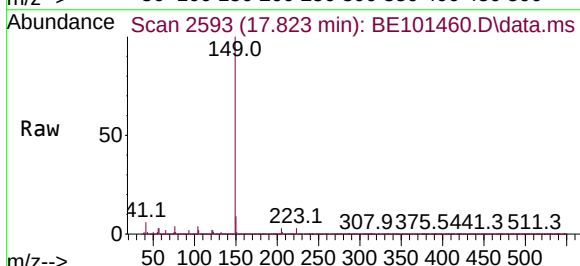
Tgt Ion:149 Resp: 968185

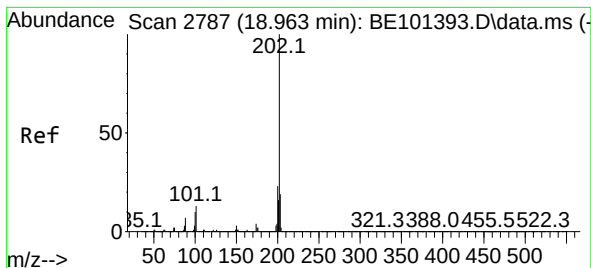
Ion Ratio Lower Upper

149 100

150 9.2 8.2 12.4

104 4.2 3.9 5.9





#75

Fluoranthene

Concen: 61.569 ng

RT: 18.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

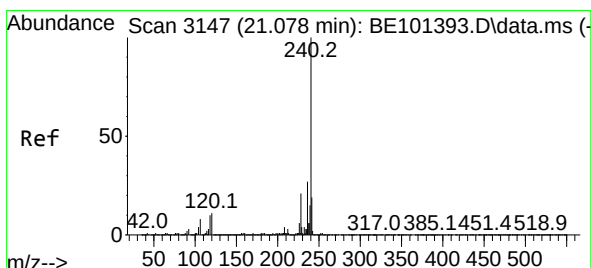
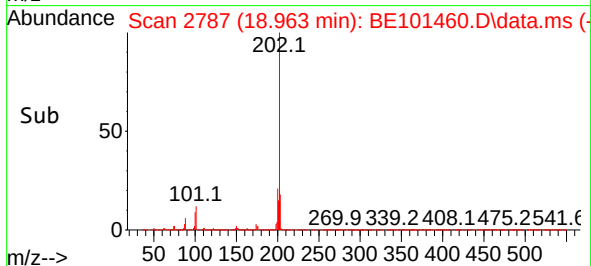
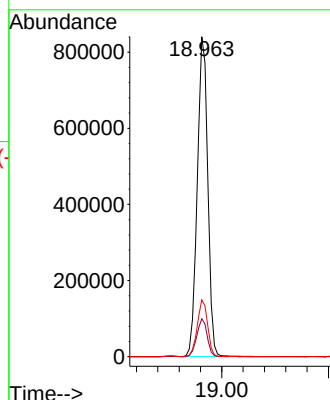
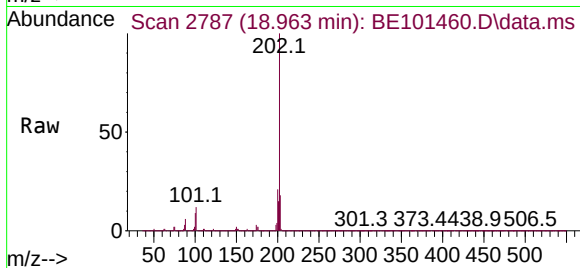
Tgt Ion:202 Resp: 1143493

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.3

203 17.8 0.0 39.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.078 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

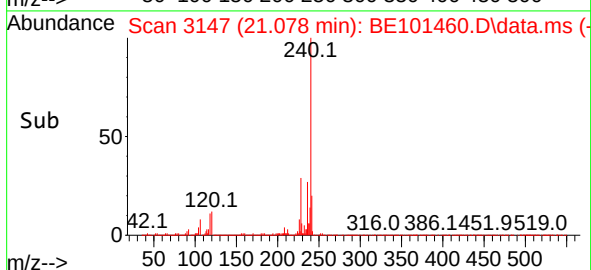
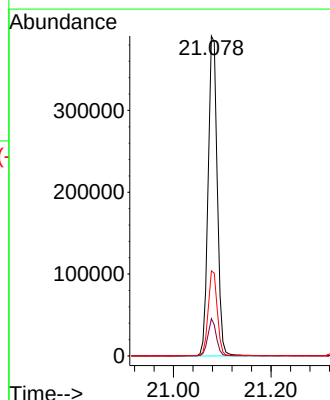
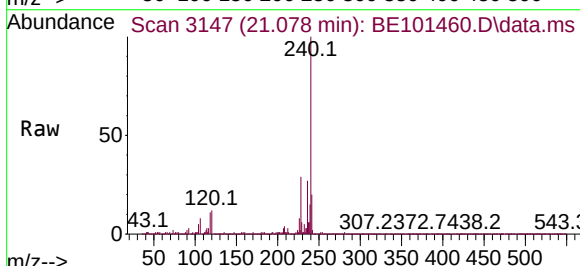
Tgt Ion:240 Resp: 506438

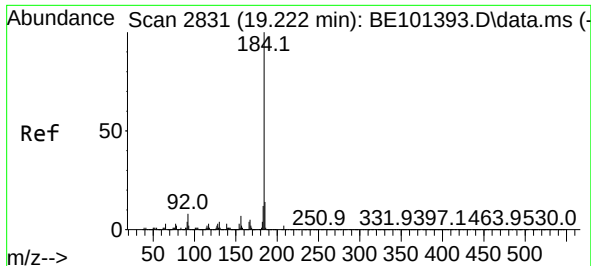
Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

236 26.6 21.4 32.0

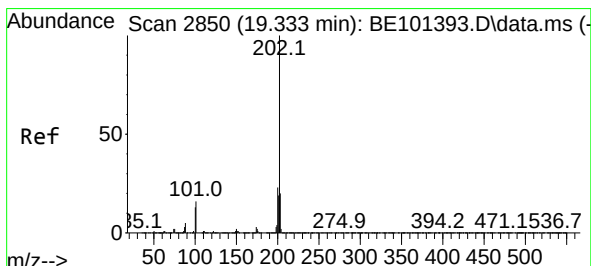
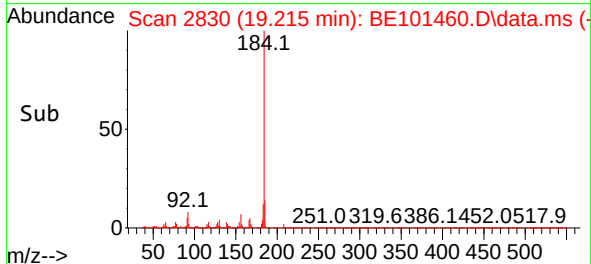
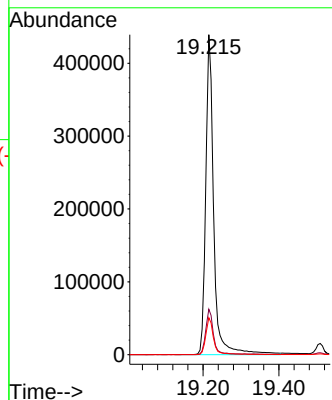
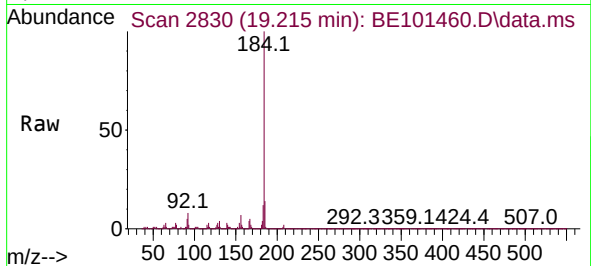




#77
Benzidine
Concen: 99.100 ng
RT: 19.215 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

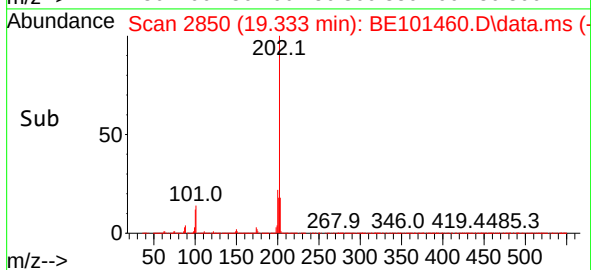
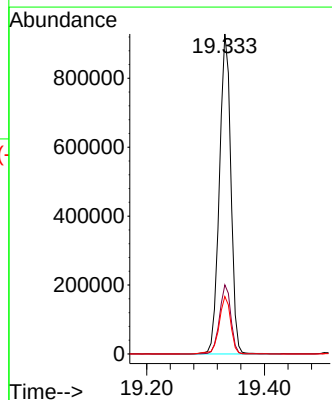
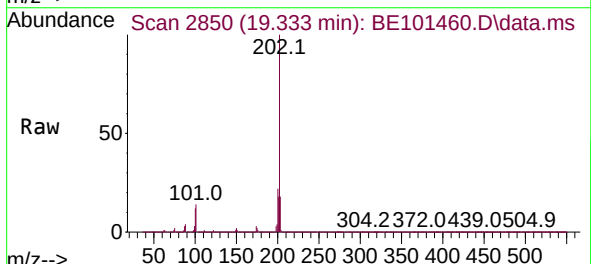
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

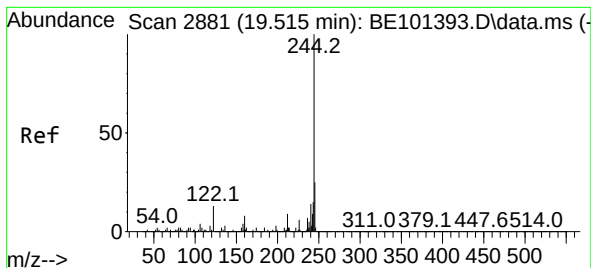
Tgt Ion:184 Resp: 636971
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.6 9.3 13.9



#78
Pyrene
Concen: 44.932 ng
RT: 19.333 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:202 Resp: 1251358
Ion Ratio Lower Upper
202 100
200 21.6 18.6 28.0
203 18.0 15.6 23.4





#79

Terphenyl-d14

Concen: 68.387 ng

RT: 19.509 min Scan# 2880

Delta R.T. -0.006 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

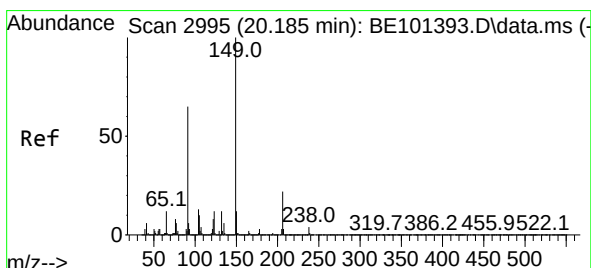
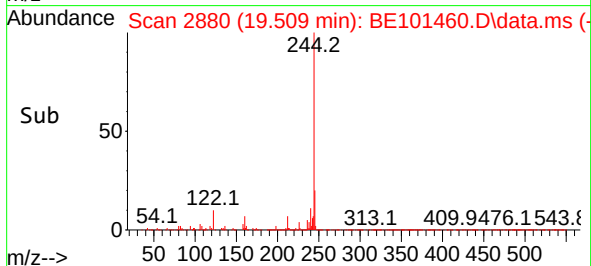
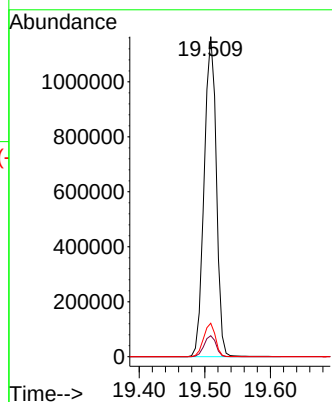
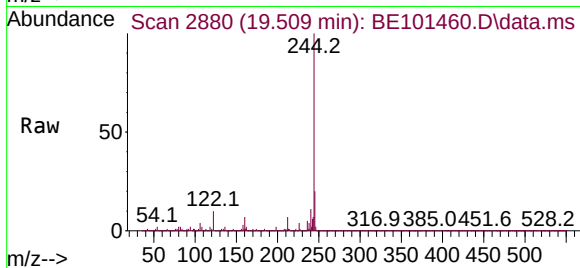
Tgt Ion:244 Resp: 1504811

Ion Ratio Lower Upper

244 100

212 6.6 7.2 10.8#

122 10.5 10.4 15.6



#80

Butylbenzylphthalate

Concen: 49.381 ng

RT: 20.185 min Scan# 2995

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

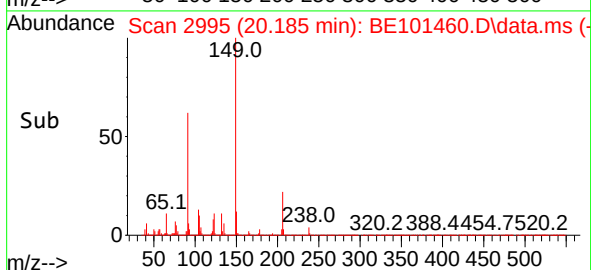
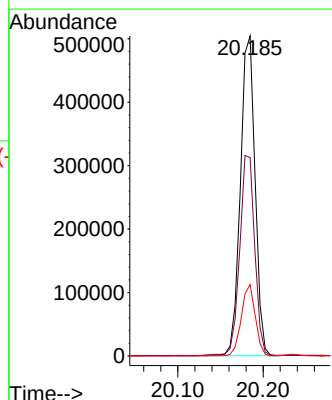
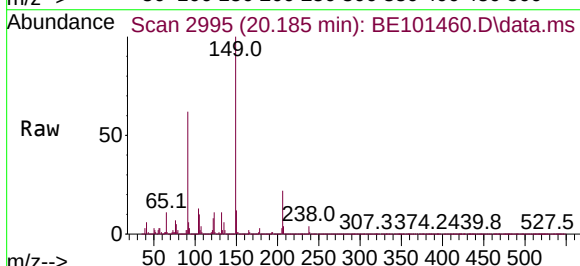
Tgt Ion:149 Resp: 602907

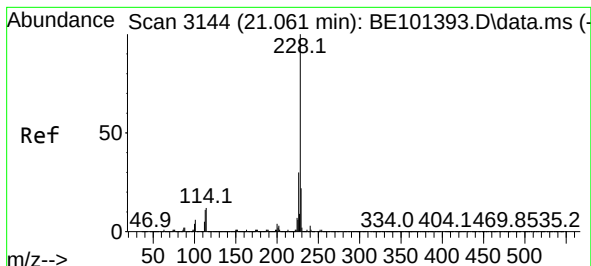
Ion Ratio Lower Upper

149 100

91 62.0 51.8 77.8

206 22.3 17.4 26.2





#81

Benzo(a)anthracene

Concen: 55.134 ng

RT: 21.060 min Scan# 3144

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

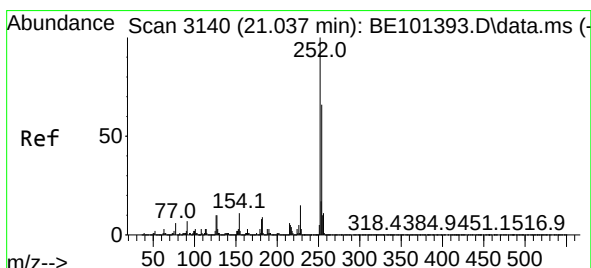
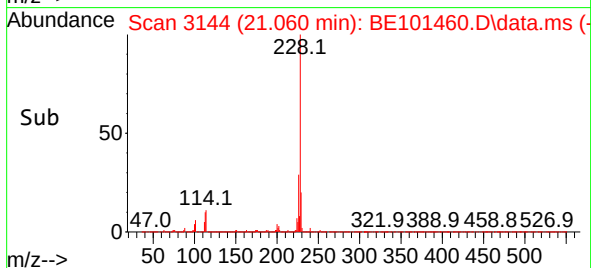
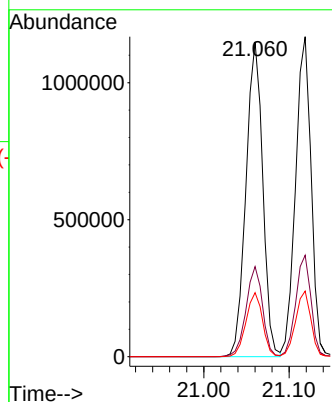
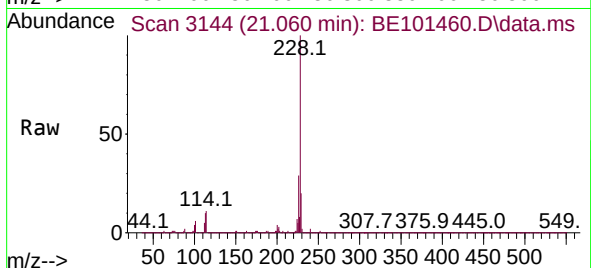
Tgt Ion:228 Resp: 1569382

Ion Ratio Lower Upper

228 100

226 28.6 24.1 36.1

229 20.4 17.3 25.9



#82

3,3'-Dichlorobenzidine

Concen: 37.942 ng

RT: 21.037 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

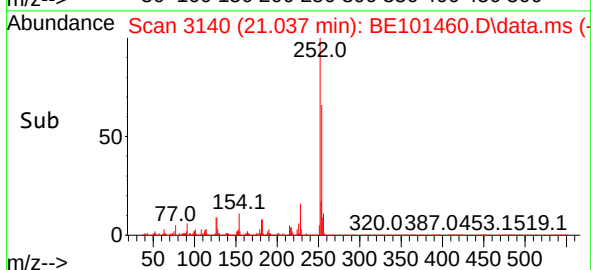
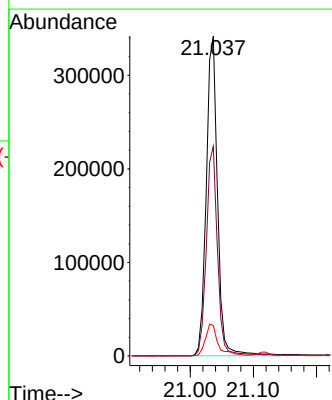
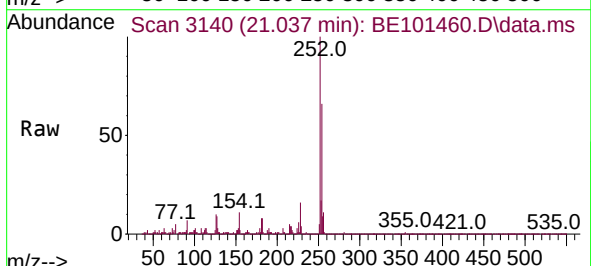
Tgt Ion:252 Resp: 423083

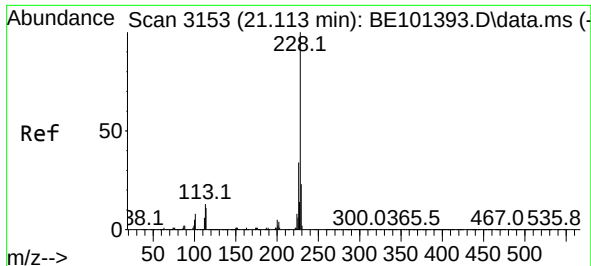
Ion Ratio Lower Upper

252 100

254 65.5 52.6 78.8

126 9.5 7.7 11.5

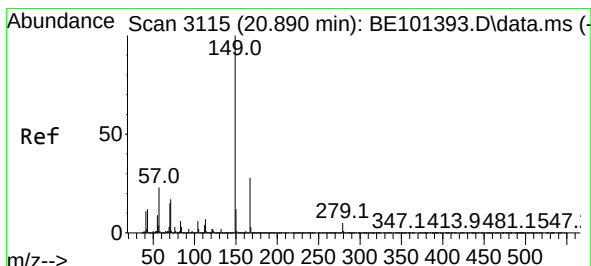
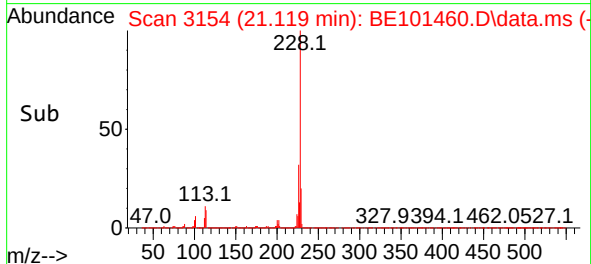
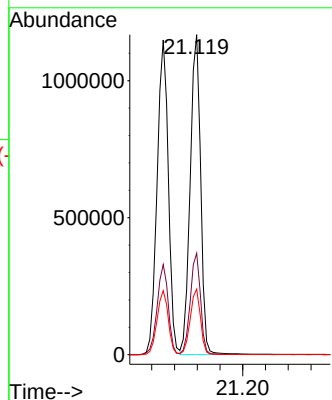
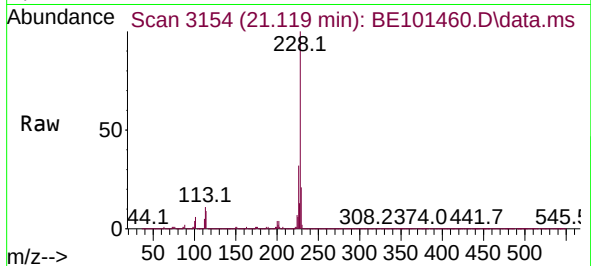




#83
Chrysene
Concen: 54.144 ng
RT: 21.119 min Scan# 3153
Delta R.T. 0.005 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

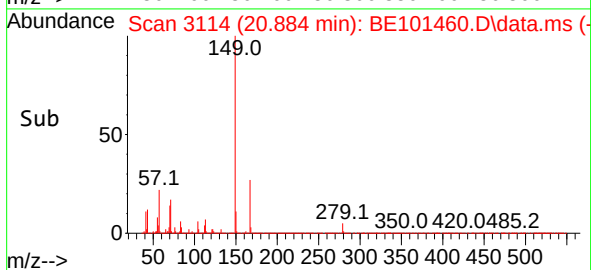
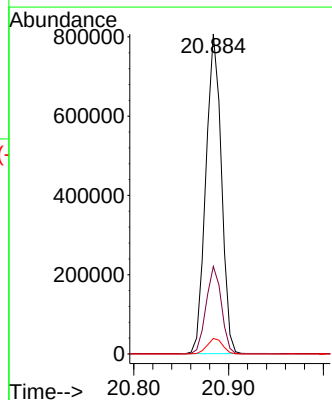
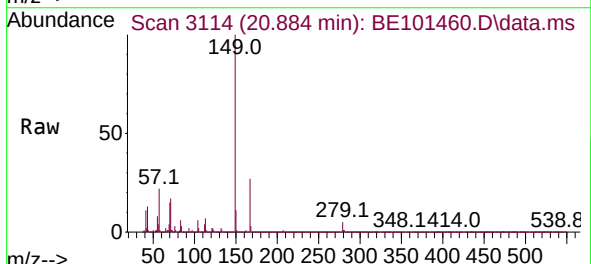
Instrument :
BNA_E
ClientSampleId :
COMP-4MS

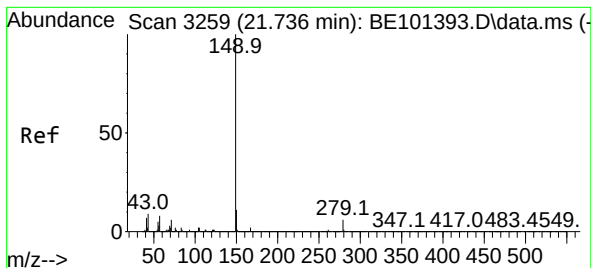
Tgt Ion:228 Resp: 1490157
Ion Ratio Lower Upper
228 100
226 31.7 27.2 40.8
229 20.5 18.0 27.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.478 ng
RT: 20.884 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BE101460.D
Acq: 4 Nov 2024 18:02

Tgt Ion:149 Resp: 916028
Ion Ratio Lower Upper
149 100
167 27.4 22.7 34.1
279 4.9 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 63.988 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

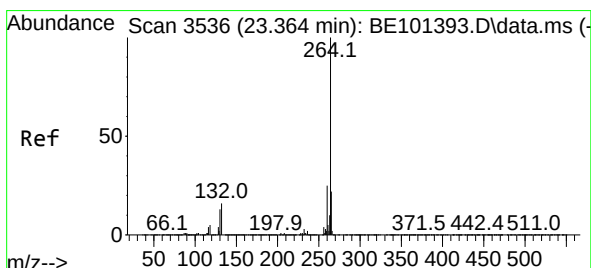
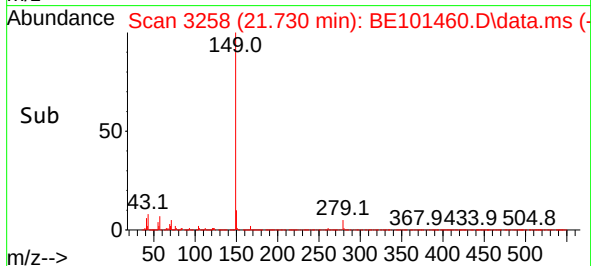
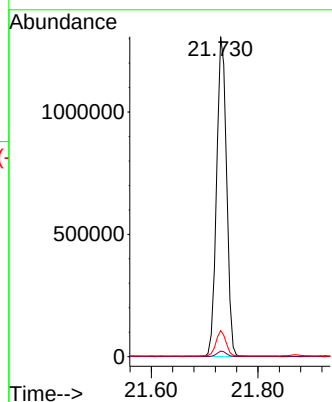
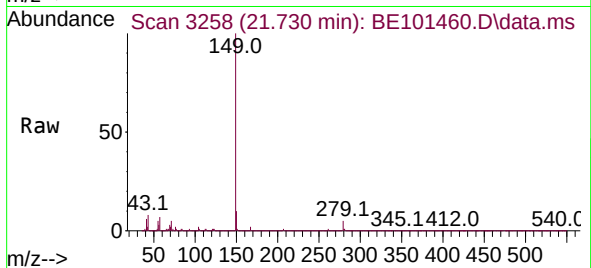
Tgt Ion:149 Resp: 1703384

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.9 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: BE101460.D

Acq: 4 Nov 2024 18:02

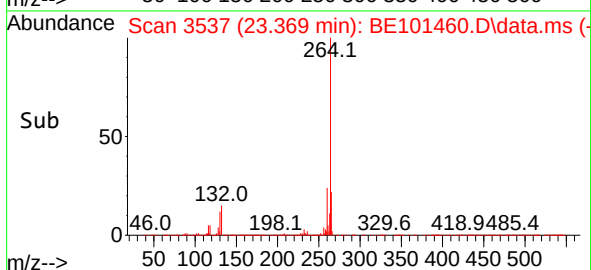
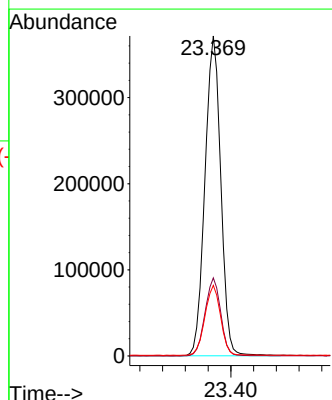
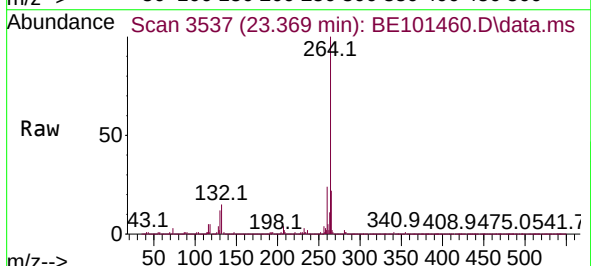
Tgt Ion:264 Resp: 716658

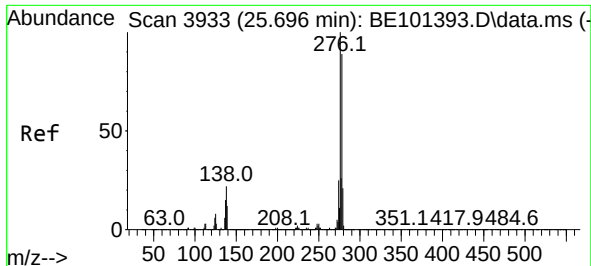
Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 22.1 17.6 26.4

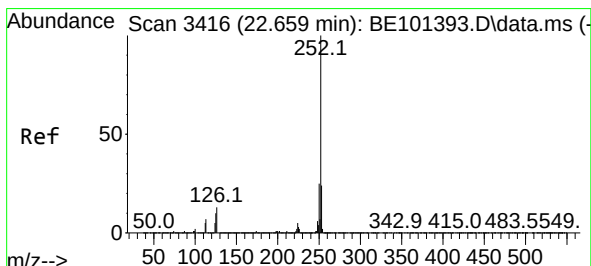
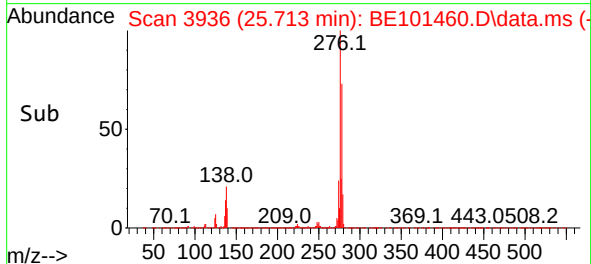
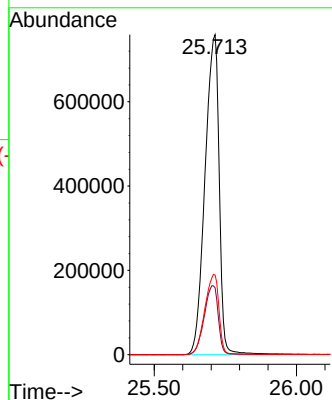
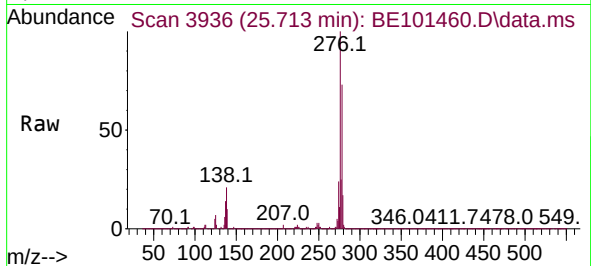




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.776 ng
 RT: 25.713 min Scan# 3936
 Delta R.T. 0.017 min
 Lab File: BE101460.D
 Acq: 4 Nov 2024 18:02

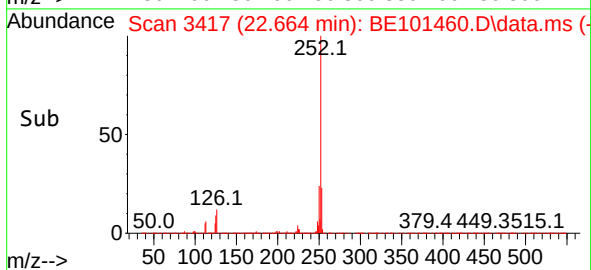
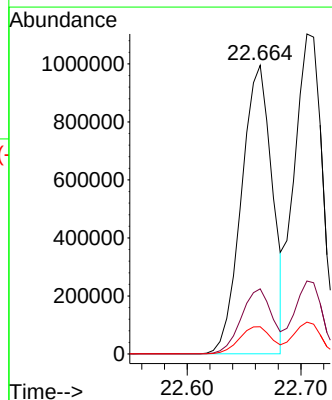
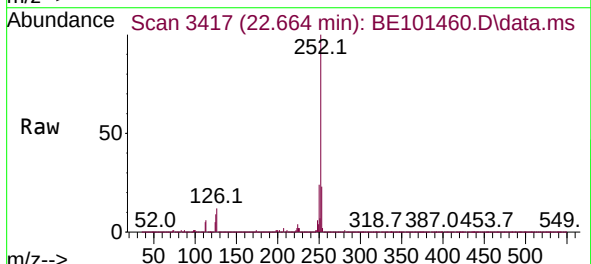
Instrument :
 BNA_E
 ClientSampleId :
 COMP-4MS

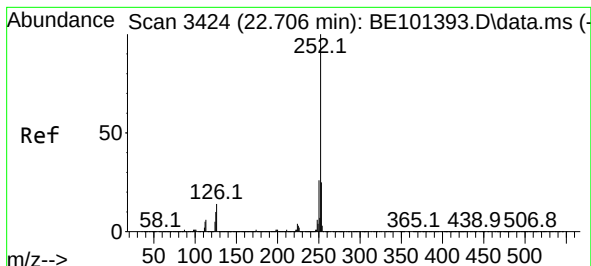
Tgt Ion:276 Resp: 2627149
 Ion Ratio Lower Upper
 276 100
 138 21.4 17.8 26.8
 277 25.2 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 50.312 ng
 RT: 22.664 min Scan# 3417
 Delta R.T. 0.005 min
 Lab File: BE101460.D
 Acq: 4 Nov 2024 18:02

Tgt Ion:252 Resp: 1879048
 Ion Ratio Lower Upper
 252 100
 253 22.6 19.0 28.6
 125 9.4 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 54.781 ng

RT: 22.705 min Scan# 34

Delta R.T. -0.000 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

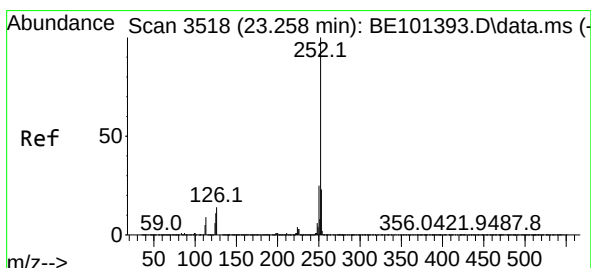
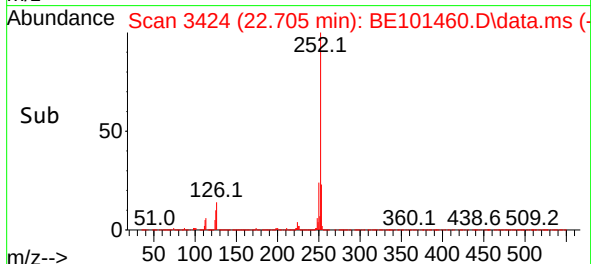
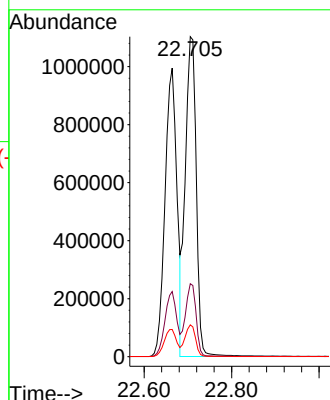
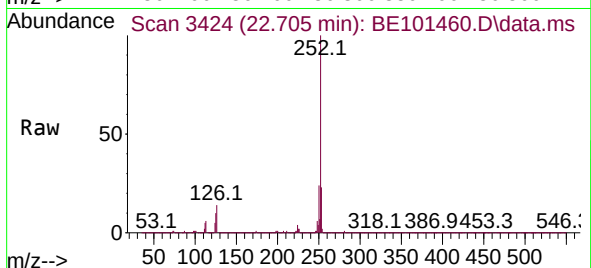
Tgt Ion:252 Resp: 1911451

Ion Ratio Lower Upper

252 100

253 22.8 19.4 29.2

125 10.0 8.2 12.2



#90

Benzo(a)pyrene

Concen: 57.233 ng

RT: 23.263 min Scan# 3519

Delta R.T. 0.005 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

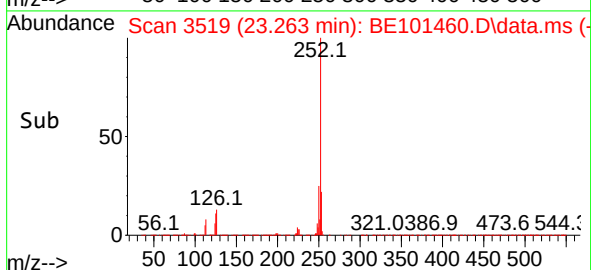
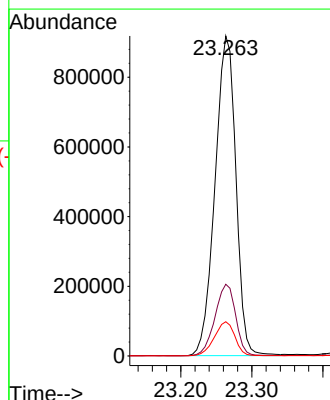
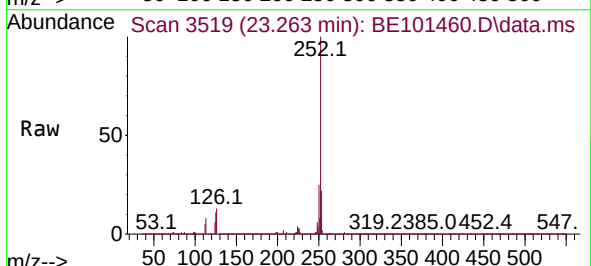
Tgt Ion:252 Resp: 1869389

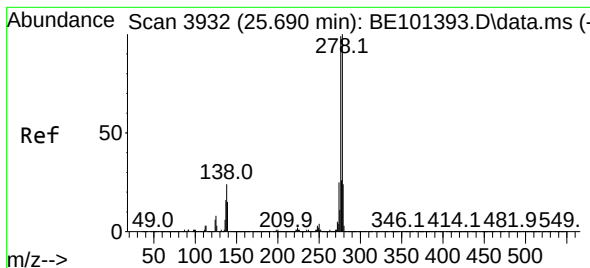
Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 10.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 54.472 ng

RT: 25.702 min Scan# 3934

Delta R.T. 0.011 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Instrument :

BNA_E

ClientSampleId :

COMP-4MS

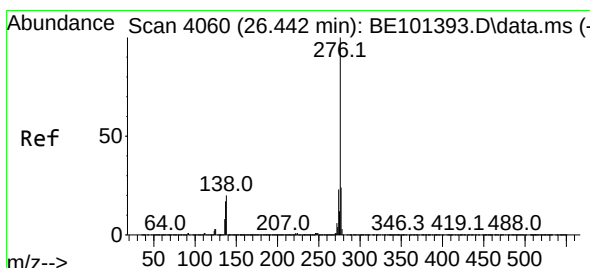
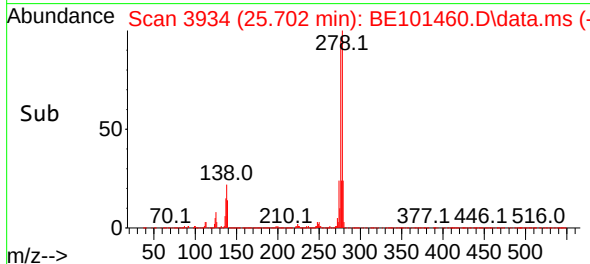
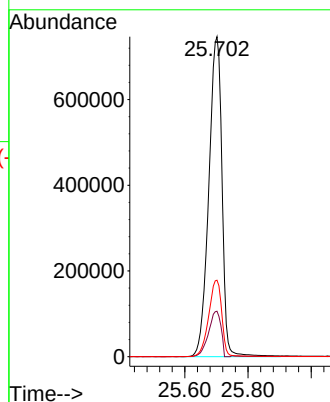
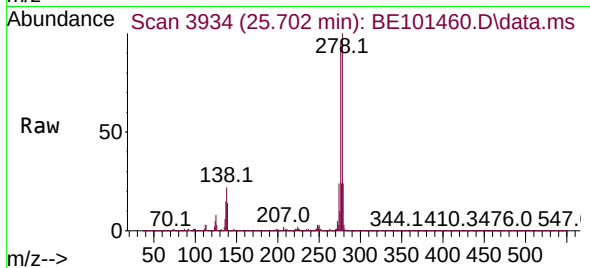
Tgt Ion:278 Resp: 2158796

Ion Ratio Lower Upper

278 100

139 14.2 11.9 17.9

279 23.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 49.314 ng

RT: 26.460 min Scan# 4063

Delta R.T. 0.017 min

Lab File: BE101460.D

Acq: 4 Nov 2024 18:02

Tgt Ion:276 Resp: 2013665

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 18.7 15.8 23.6

