

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101455.D
 Acq On : 4 Nov 2024 14:04
 Operator : RC/JU
 Sample : PB164593BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164593BS

Quant Time: Nov 04 13:49:39 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	7.571	152	76985	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	325431	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	205486	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	423694	20.000	ng	0.00
76) Chrysene-d12	21.084	240	509474	20.000	ng	0.00
86) Perylene-d12	23.375	264	767672	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	693147	157.804	ng	0.00
7) Phenol-d6	6.954	99	871334	143.063	ng	0.00
23) Nitrobenzene-d5	8.787	82	520878	100.531	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	536480	148.960	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	1306116	107.645	ng	0.00
79) Terphenyl-d14	19.515	244	2196084	99.208	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	70754	43.188	ng	98
3) Pyridine	3.628	79	191248	41.262	ng	96
4) n-Nitrosodimethylamine	3.552	42	91466	51.003	ng	95
6) Aniline	7.006	93	280379	60.068	ng	95
8) 2-Chlorophenol	7.218	128	264019	50.115	ng	100
9) Benzaldehyde	6.783	77	31743	10.796	ng	95
10) Phenol	6.977	94	339596	51.389	ng	98
11) bis(2-Chloroethyl)ether	7.006	93	280379	51.719	ng	# 31
12) 1,3-Dichlorobenzene	7.459	146	264906	46.632	ng	99
13) 1,4-Dichlorobenzene	7.606	146	271166	46.744	ng	98
14) 1,2-Dichlorobenzene	7.935	146	261397	46.034	ng	99
15) Benzyl Alcohol	7.911	79	172649	47.555	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.070	45	313270	45.918	ng	99
17) 2-Methylphenol	8.158	107	209978	46.947	ng	97
18) Hexachloroethane	8.628	117	91892	48.506	ng	99
19) n-Nitroso-di-n-propyla...	8.375	70	178737	44.224	ng	99
20) 3+4-Methylphenols	8.493	107	284028	46.005	ng	98
22) Acetophenone	8.422	105	353960	47.902	ng	99
24) Nitrobenzene	8.822	77	259578	47.071	ng	99
25) Isophorone	9.274	82	483008	47.772	ng	99
26) 2-Nitrophenol	9.509	139	144486	54.209	ng	98
27) 2,4-Dimethylphenol	9.627	122	211356	63.017	ng	99
28) bis(2-Chloroethoxy)met...	9.774	93	297209	48.472	ng	99
29) 2,4-Dichlorophenol	10.062	162	242384	52.238	ng	98
30) 1,2,4-Trichlorobenzene	10.185	180	238677	47.219	ng	99
31) Naphthalene	10.391	128	784503	47.306	ng	100
32) Benzoic acid	9.897	122	60872	22.839	ng	98
33) 4-Chloroaniline	10.614	127	199490	34.594	ng	99
34) Hexachlorobutadiene	10.637	225	148547	49.649	ng	99
35) Caprolactam	11.401	113	32483	18.263	ng	96
36) 4-Chloro-3-methylphenol	11.795	107	248562	47.048	ng	100
37) 2-Methylnaphthalene	11.977	142	556424	46.572	ng	99
38) 1-Methylnaphthalene	12.206	142	519077	43.531	ng	99
40) 1,2,4,5-Tetrachloroben...	12.336	216	271384	52.610	ng	99
41) Hexachlorocyclopentadiene	12.318	237	362645	212.866	ng	98
43) 2,4,6-Trichlorophenol	12.659	196	195477	54.969	ng	99

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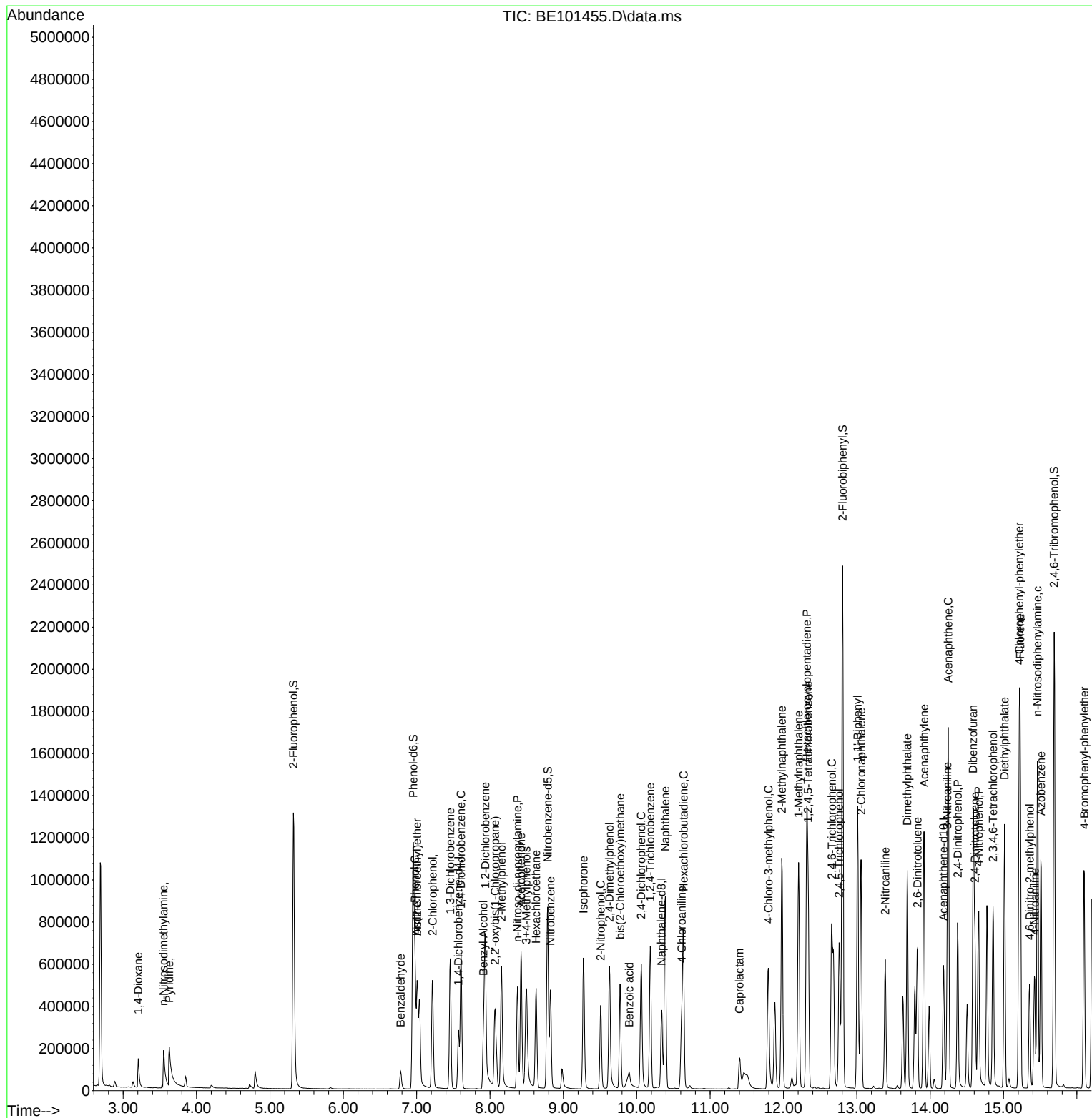
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.759	196	212637	52.215	ng	99
46) 1,1'-Biphenyl	13.011	154	719065	51.077	ng	99
47) 2-Chloronaphthalene	13.058	162	552759	49.697	ng	99
48) 2-Nitroaniline	13.387	65	157481	52.611	ng	95
49) Acenaphthylene	13.916	152	893146	54.300	ng	99
50) Dimethylphthalate	13.687	163	714638	49.270	ng	100
51) 2,6-Dinitrotoluene	13.828	165	156801	46.824	ng	95
52) Acenaphthene	14.245	154	537431	50.038	ng	99
53) 3-Nitroaniline	14.233	138	114689	34.442	ng	99
54) 2,4-Dinitrophenol	14.374	184	196055	82.228	ng	98
55) Dibenzofuran	14.586	168	847461	49.505	ng	99
56) 4-Nitrophenol	14.662	139	285451	93.609	ng	98
57) 2,4-Dinitrotoluene	14.609	165	222670	48.298	ng	98
58) Fluorene	15.226	166	695686	48.579	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.856	232	191796	50.975	ng	98
60) Diethylphthalate	15.015	149	720038	47.460	ng	99
61) 4-Chlorophenyl-phenyle...	15.214	204	342444	48.188	ng	100
62) 4-Nitroaniline	15.426	138	160219	43.240	ng	98
63) Azobenzene	15.508	77	633307	48.563	ng	100
65) 4,6-Dinitro-2-methylph...	15.355	198	129900	52.175	ng	98
66) n-Nitrosodiphenylamine	15.461	169	615362	54.767	ng	100
67) 4-Bromophenyl-phenylether	16.102	248	237916	53.381	ng	95
68) Hexachlorobenzene	16.207	284	304031	52.043	ng	98
69) Atrazine	16.401	200	220213	63.929	ng	99
70) Pentachlorophenol	16.619	266	344687	102.503	ng	99
71) Phenanthrene	16.959	178	1077835	53.132	ng	98
72) Anthracene	17.048	178	1115084	56.294	ng	99
73) Carbazole	17.377	167	1030100	50.825	ng	99
74) Di-n-butylphthalate	17.823	149	1219240	54.644	ng	98
75) Fluoranthene	18.969	202	1269285	51.516	ng	97
77) Benzidine	19.216	184	668255	103.348	ng	99
78) Pyrene	19.339	202	1355159	48.369	ng	96
80) Butylbenzylphthalate	20.185	149	631301	51.399	ng	98
81) Benzo(a)anthracene	21.061	228	1556464	54.354	ng	97
82) 3,3'-Dichlorobenzidine	21.037	252	486539	43.373	ng	99
83) Chrysene	21.119	228	1485431	53.651	ng	96
84) Bis(2-ethylhexyl)phtha...	20.884	149	962224	58.972	ng	98
85) Di-n-octyl phthalate	21.736	149	1800783	67.243	ng	99
87) Indeno(1,2,3-cd)pyrene	25.720	276	2812176	54.737	ng	99
88) Benzo(b)fluoranthene	22.665	252	2045650	51.133	ng	98
89) Benzo(k)fluoranthene	22.712	252	1887959	50.512	ng	97
90) Benzo(a)pyrene	23.270	252	1952639	55.809	ng	99
91) Dibenzo(a,h)anthracene	25.708	278	2310859	54.435	ng	99
92) Benzo(g,h,i)perylene	26.466	276	2172231	49.662	ng	99

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

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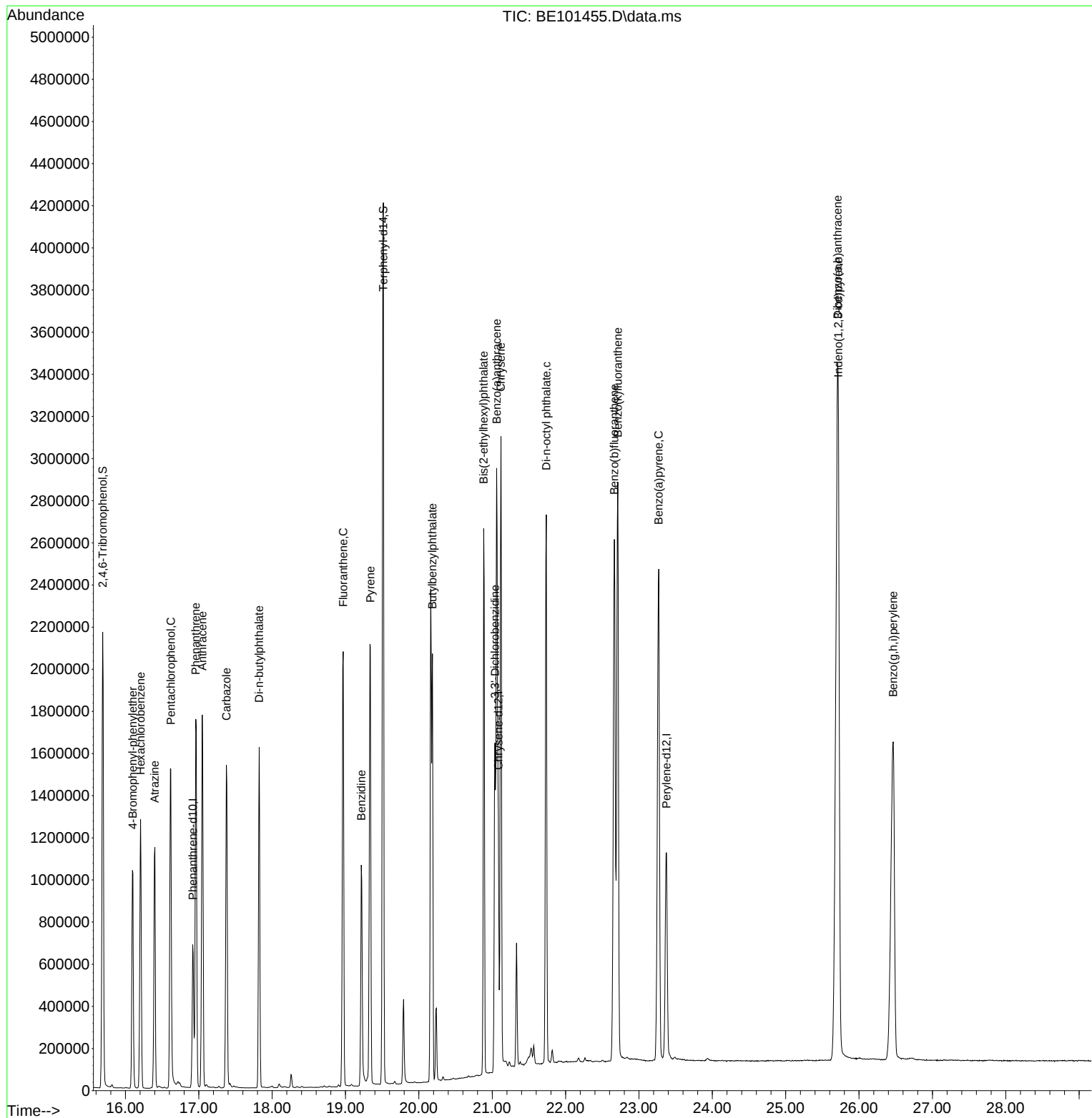
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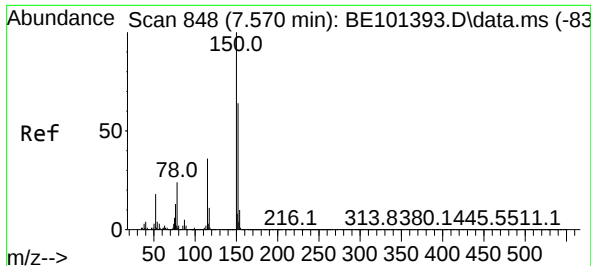


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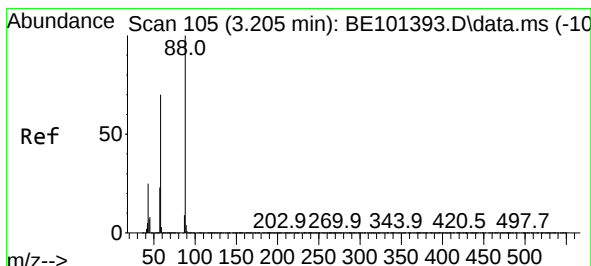
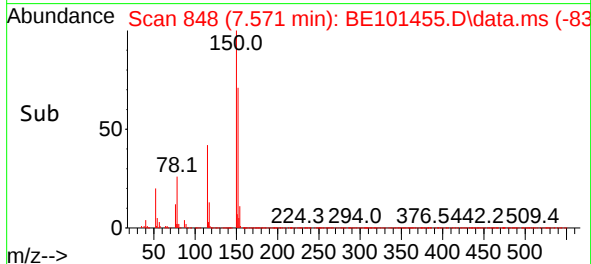
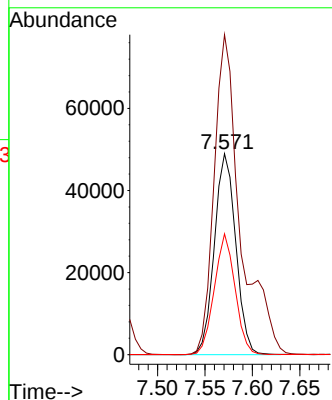
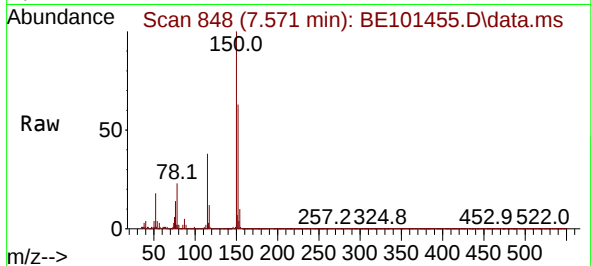




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.571 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: BE101455.D
 Acq: 4 Nov 2024 14:04

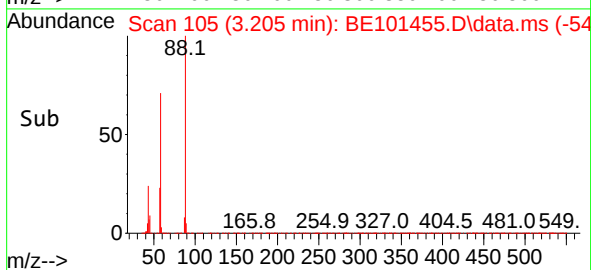
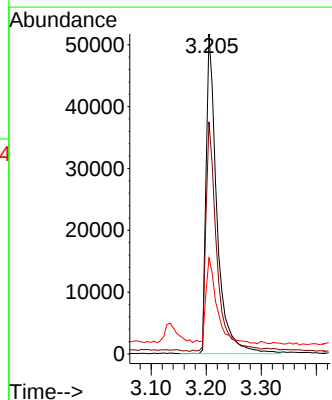
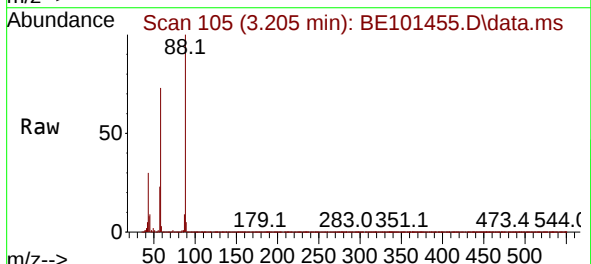
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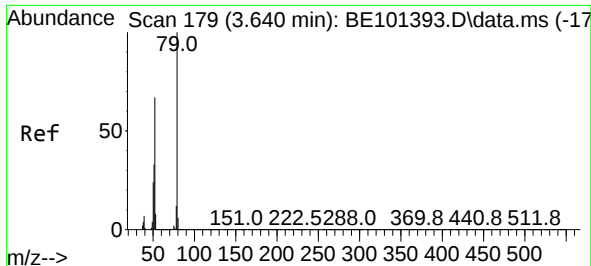
Tgt Ion:152 Resp: 76985
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.2 186.4
 115 60.1 45.3 67.9



#2
 1,4-Dioxane
 Concen: 43.188 ng
 RT: 3.205 min Scan# 105
 Delta R.T. 0.000 min
 Lab File: BE101455.D
 Acq: 4 Nov 2024 14:04

Tgt Ion: 88 Resp: 70754
 Ion Ratio Lower Upper
 88 100
 58 71.0 56.5 84.7
 43 27.4 19.8 29.8

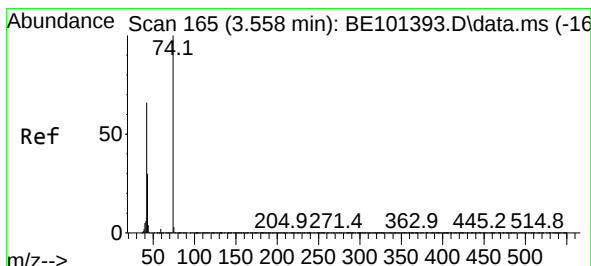
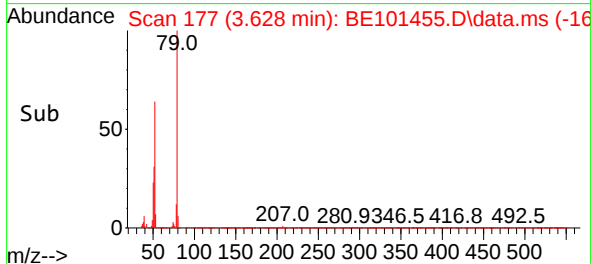
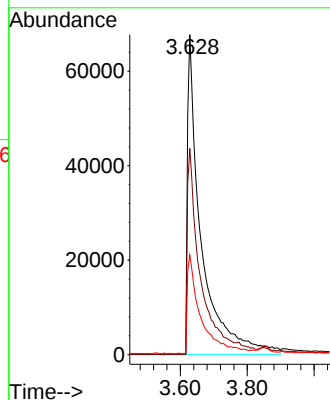
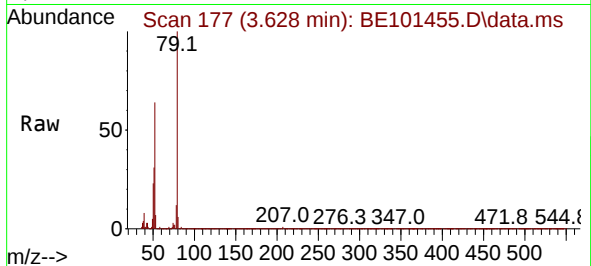




#3
Pyridine
Concen: 41.262 ng
RT: 3.628 min Scan# 1
Delta R.T. -0.012 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

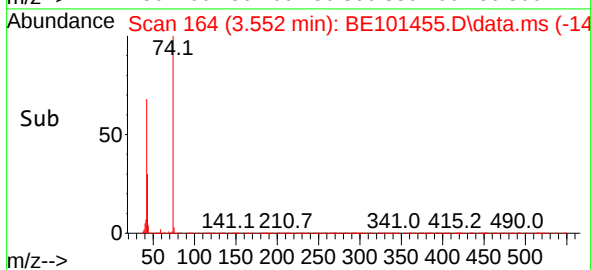
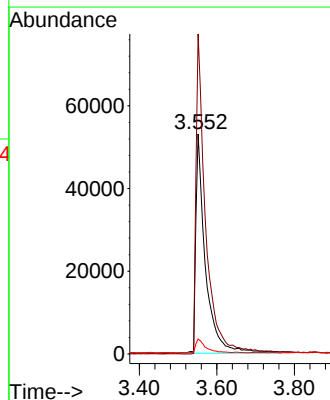
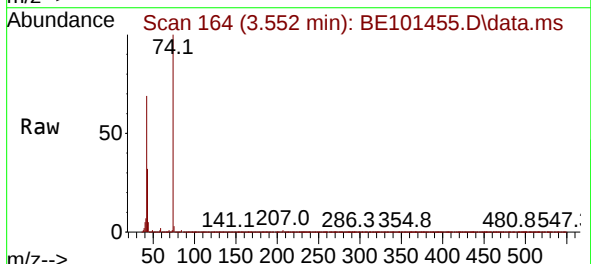
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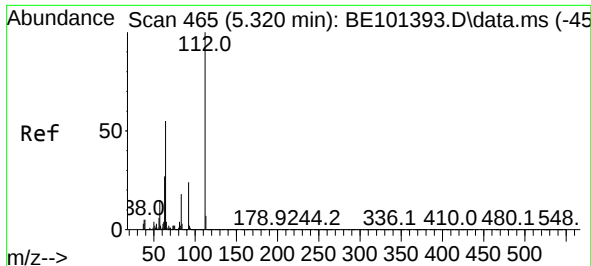
Tgt Ion: 79 Resp: 191248
Ion Ratio Lower Upper
79 100
52 64.4 53.3 79.9
51 31.2 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 51.003 ng
RT: 3.552 min Scan# 164
Delta R.T. -0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion: 42 Resp: 91466
Ion Ratio Lower Upper
42 100
74 145.5 121.4 182.0
44 6.8 5.6 8.4

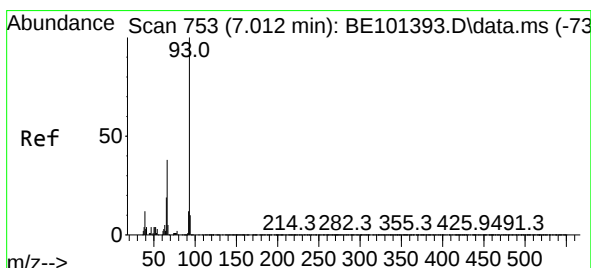
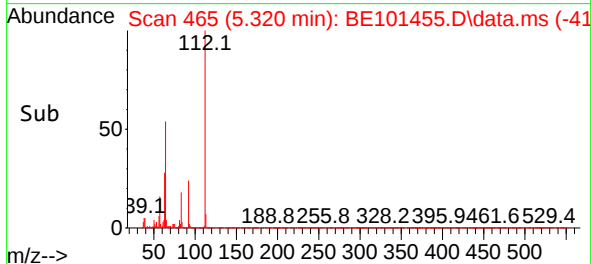
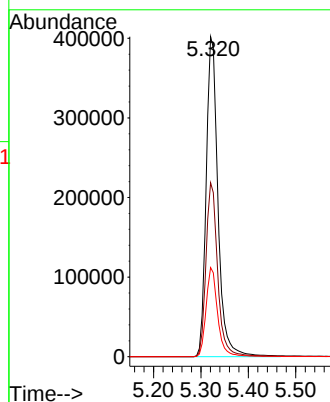
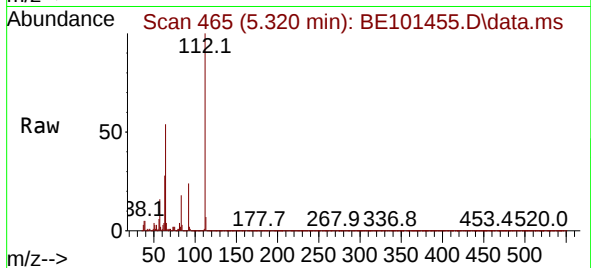




#5
2-Fluorophenol
Concen: 157.804 ng
RT: 5.320 min Scan# 465
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

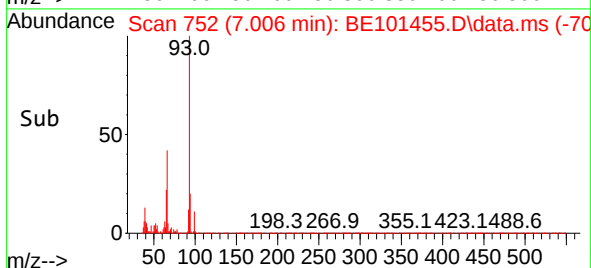
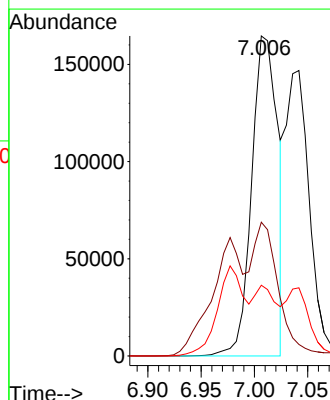
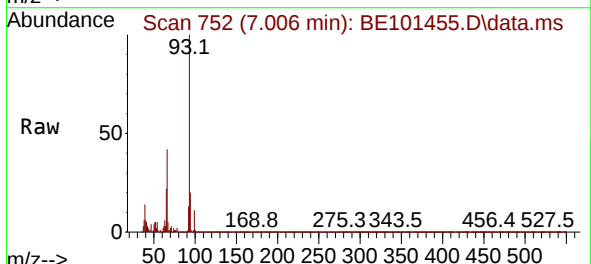
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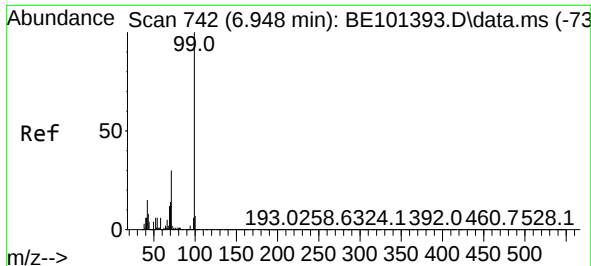
Tgt Ion:112 Resp: 693147
Ion Ratio Lower Upper
112 100
64 54.3 43.7 65.5
63 27.9 21.4 32.2



#6
Aniline
Concen: 60.068 ng
RT: 7.006 min Scan# 752
Delta R.T. -0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion: 93 Resp: 280379
Ion Ratio Lower Upper
93 100
66 41.8 31.0 46.4
65 22.1 15.5 23.3





#7

Phenol-d6

Concen: 143.063 ng

RT: 6.954 min Scan# 742

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

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BNA_E

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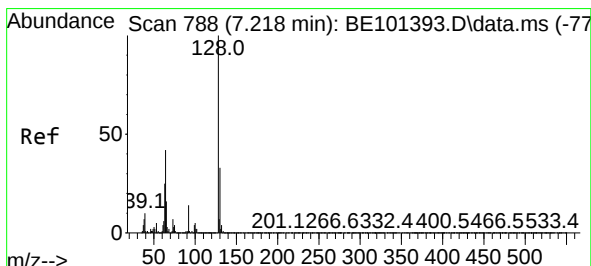
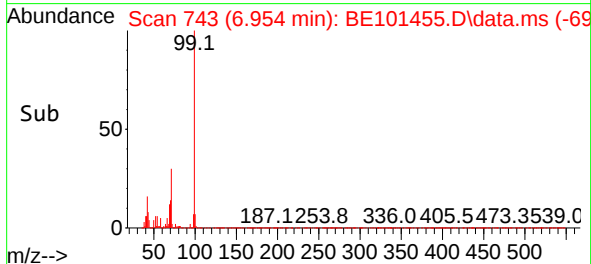
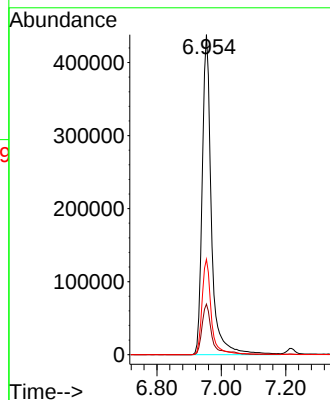
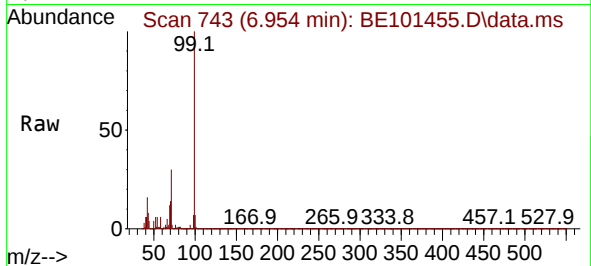
Tgt Ion: 99 Resp: 871334

Ion Ratio Lower Upper

99 100

42 15.8 12.3 18.5

71 29.8 23.8 35.8



#8

2-Chlorophenol

Concen: 50.115 ng

RT: 7.218 min Scan# 788

Delta R.T. 0.000 min

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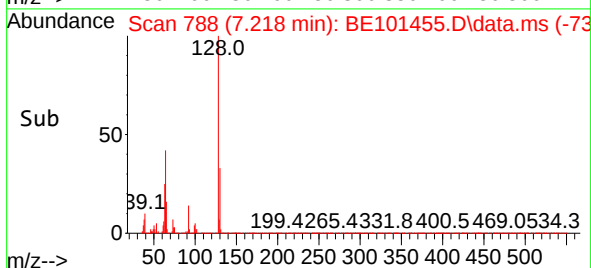
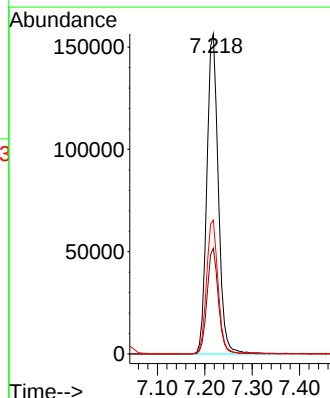
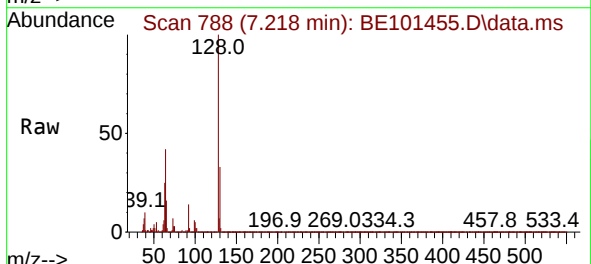
Tgt Ion:128 Resp: 264019

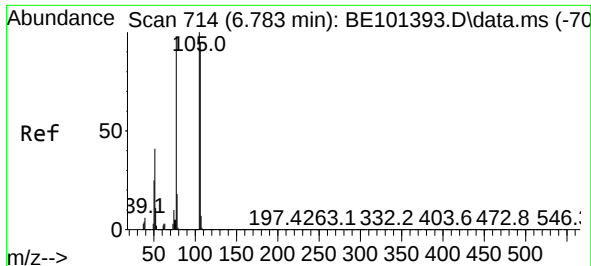
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

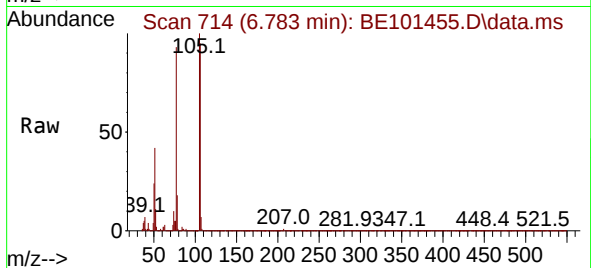
64 41.8 22.3 62.3



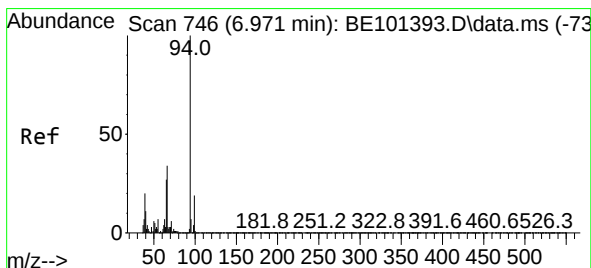
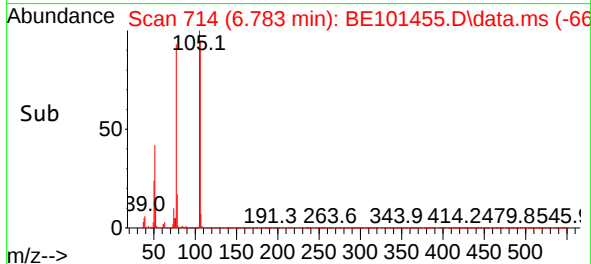
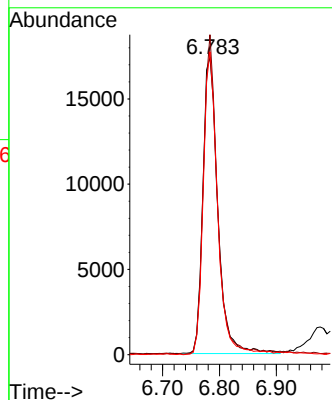


#9
Benzaldehyde
Concen: 10.796 ng
RT: 6.783 min Scan# 714
Delta R.T. 0.000 min
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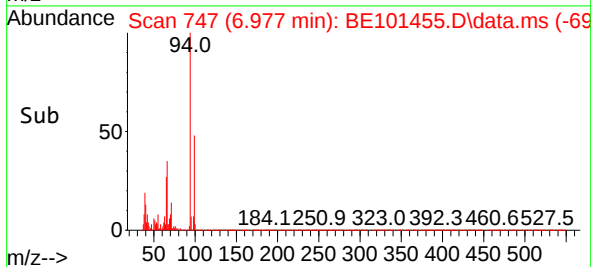
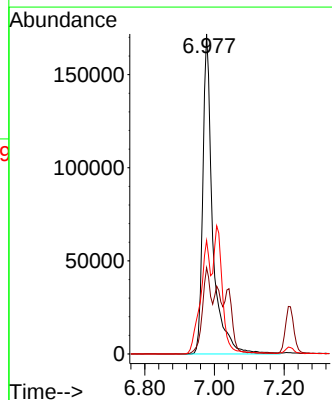
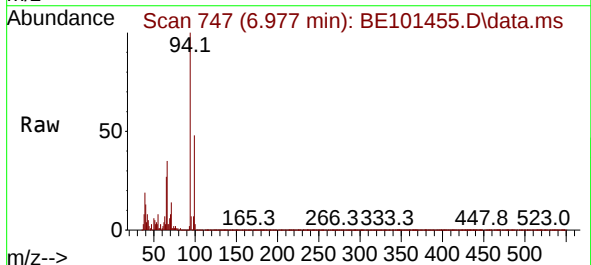


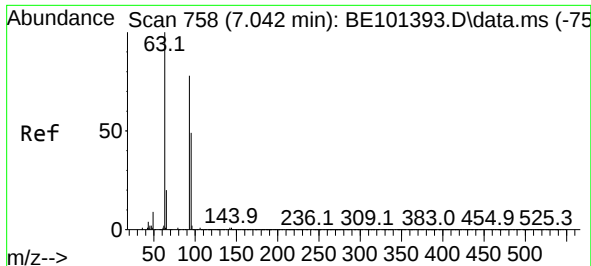
Tgt Ion: 77 Resp: 31743
Ion Ratio Lower Upper
77 100
105 107.5 81.9 121.9
106 101.7 76.5 116.5



#10
Phenol
Concen: 51.389 ng
RT: 6.977 min Scan# 747
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion: 94 Resp: 339596
Ion Ratio Lower Upper
94 100
65 27.0 6.8 46.8
66 35.4 14.0 54.0

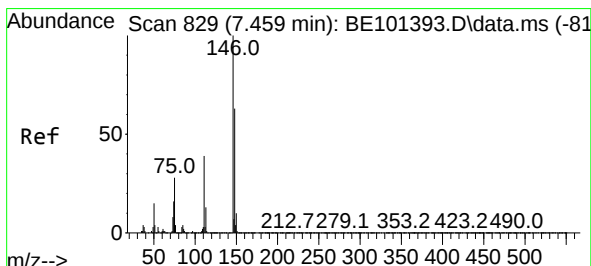
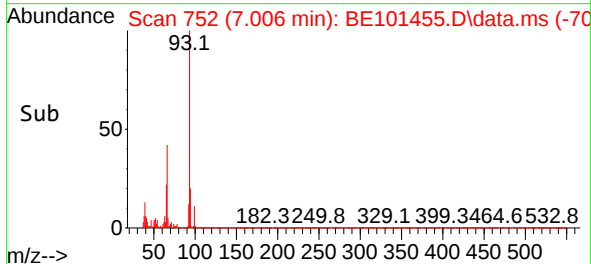
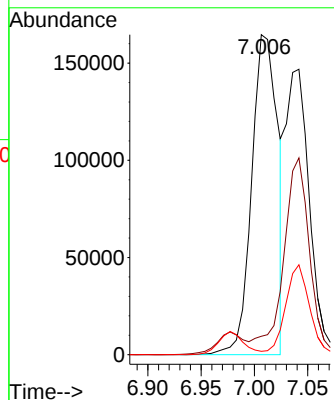
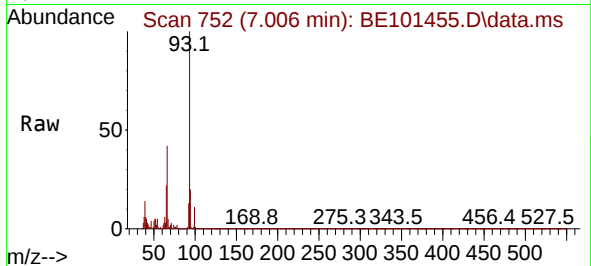




#11
bis(2-Chloroethyl)ether
Concen: 51.719 ng
RT: 7.006 min Scan# 71
Delta R.T. -0.035 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

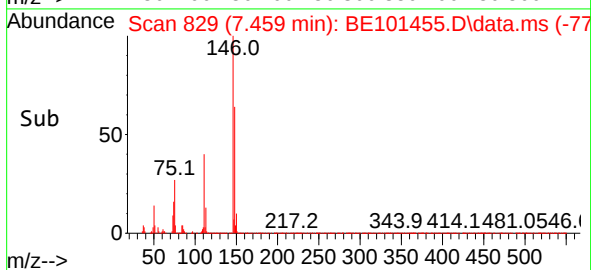
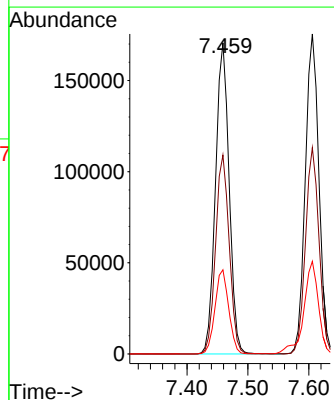
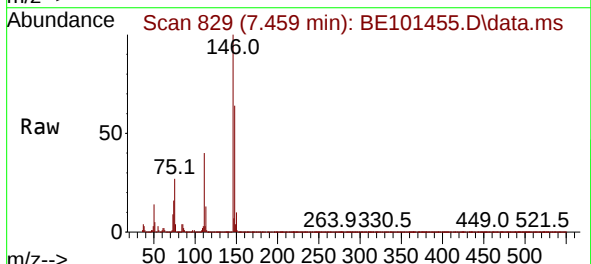
Instrument :
BNA_E
ClientSampleId :
PB164593BS

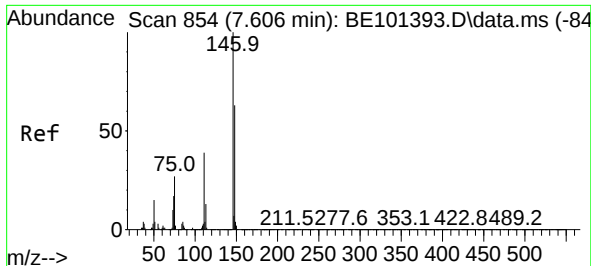
Tgt Ion: 93 Resp: 280379
Ion Ratio Lower Upper
93 100
63 5.7 46.3 86.3#
95 1.0 9.6 49.6#



#12
1,3-Dichlorobenzene
Concen: 46.632 ng
RT: 7.459 min Scan# 829
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:146 Resp: 264906
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 27.0 22.0 33.0

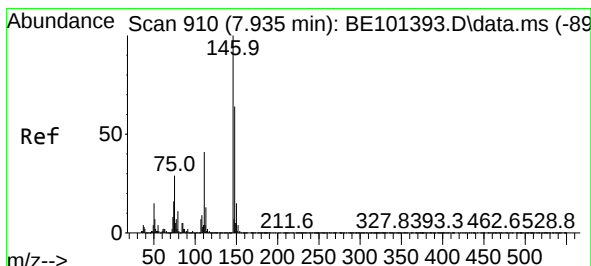
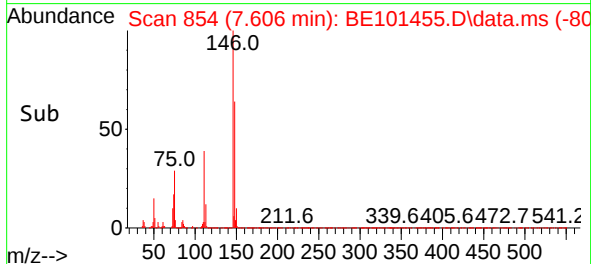
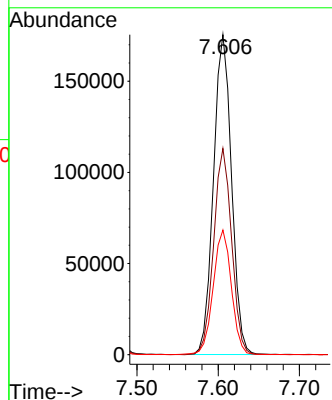
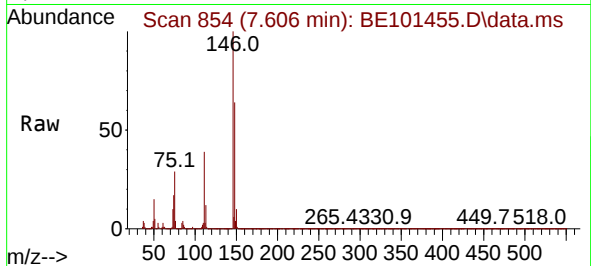




#13
1,4-Dichlorobenzene
Concen: 46.744 ng
RT: 7.606 min Scan# 854
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

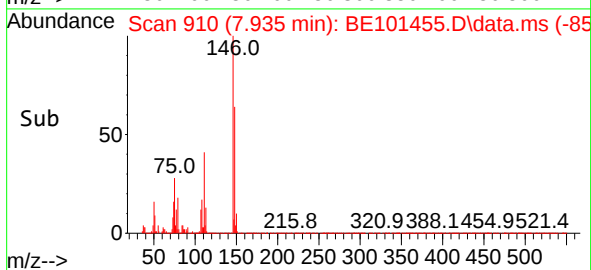
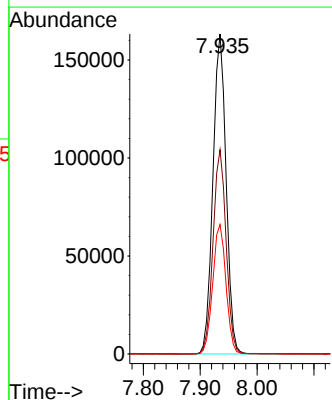
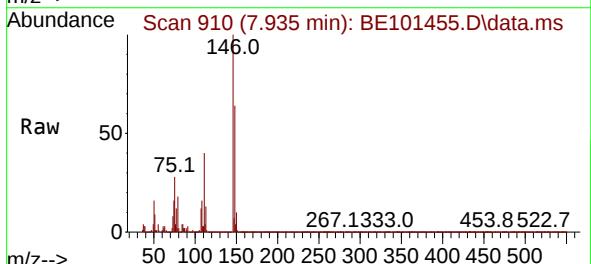
Instrument :
BNA_E
ClientSampleId :
PB164593BS

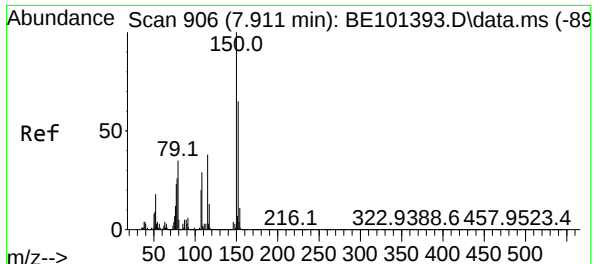
Tgt Ion:146 Resp: 271166
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.2
111 38.9 31.6 47.4



#14
1,2-Dichlorobenzene
Concen: 46.034 ng
RT: 7.935 min Scan# 910
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:146 Resp: 261397
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 40.4 32.8 49.2

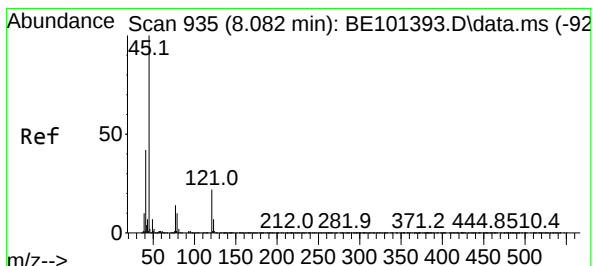
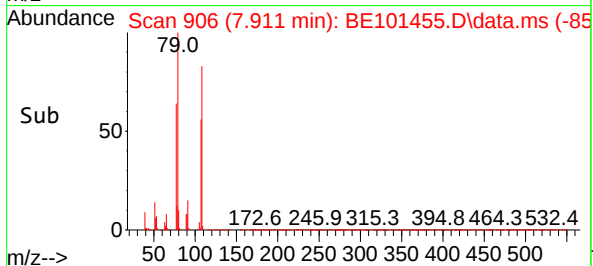
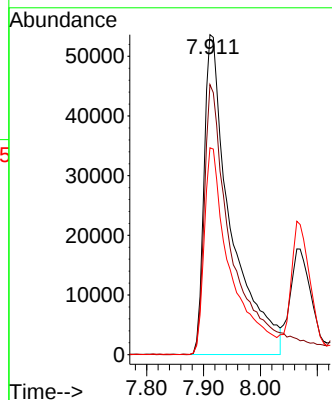
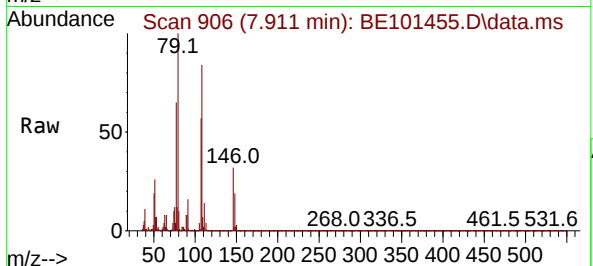




#15
Benzyl Alcohol
Concen: 47.555 ng
RT: 7.911 min Scan# 906
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

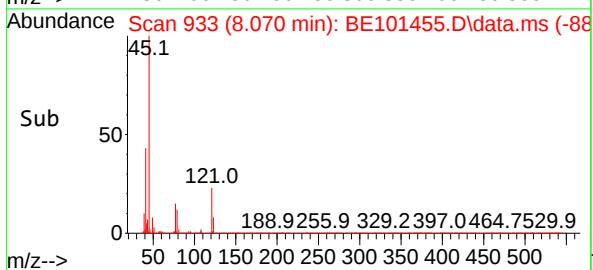
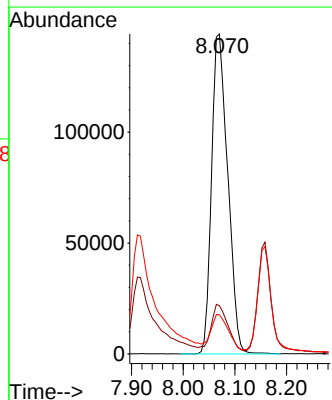
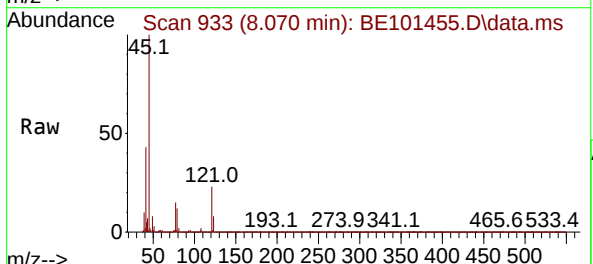
Instrument :
BNA_E
ClientSampleId :
PB164593BS

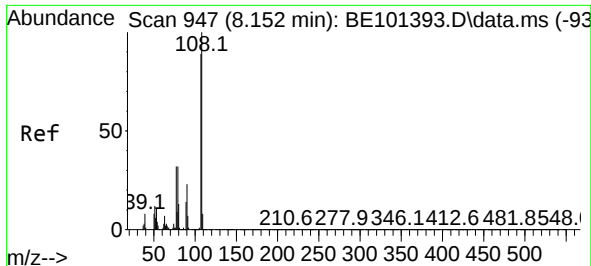
Tgt Ion: 79 Resp: 172649
Ion Ratio Lower Upper
79 100
108 84.4 66.1 99.1
77 64.7 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.918 ng
RT: 8.070 min Scan# 933
Delta R.T. -0.012 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion: 45 Resp: 313270
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 12.3 0.0 31.8



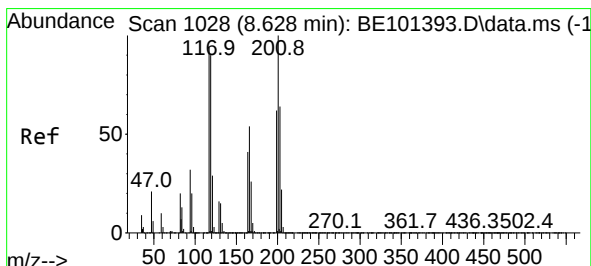
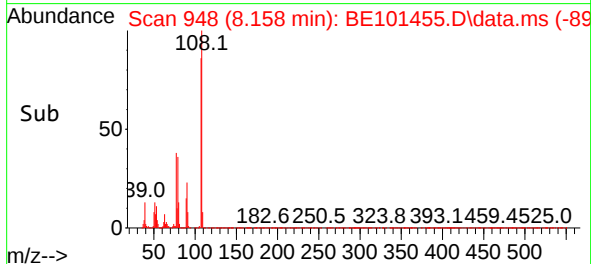
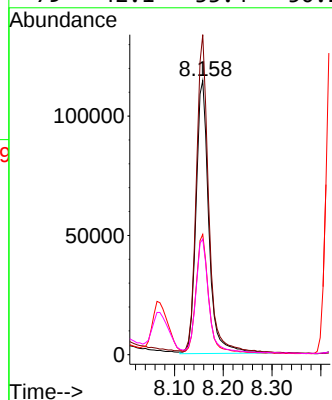
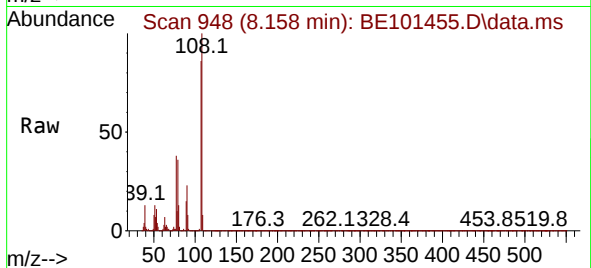


#17
2-Methylphenol
Concen: 46.947 ng
RT: 8.158 min Scan# 947
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Instrument :
BNA_E
ClientSampleId :
PB164593BS

Tgt Ion:107 Resp: 209978

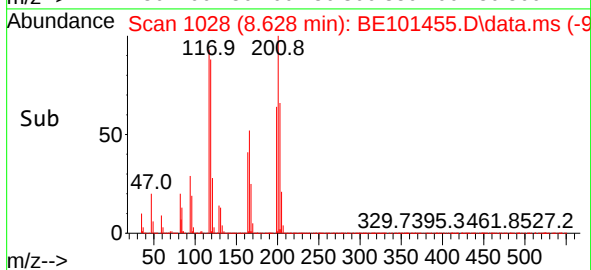
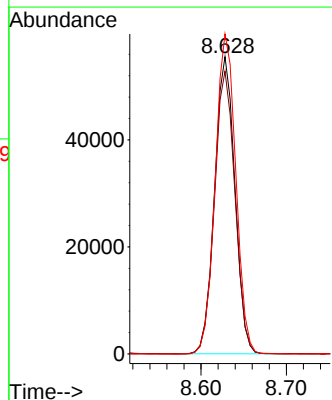
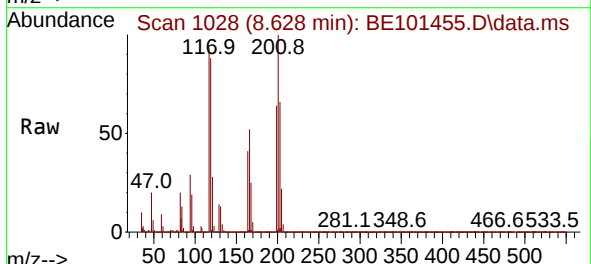
Ion	Ratio	Lower	Upper
107	100		
108	116.7	90.0	135.0
77	43.9	34.2	51.4
79	42.1	33.4	50.2

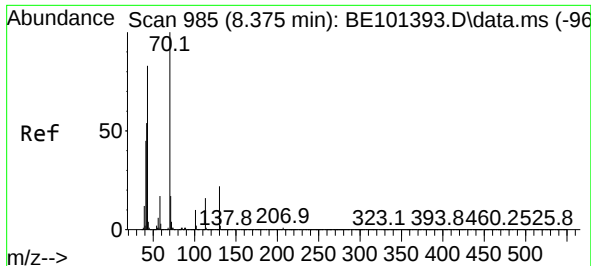


#18
Hexachloroethane
Concen: 48.506 ng
RT: 8.628 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:117 Resp: 91892

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.4
201	107.6	85.3	127.9



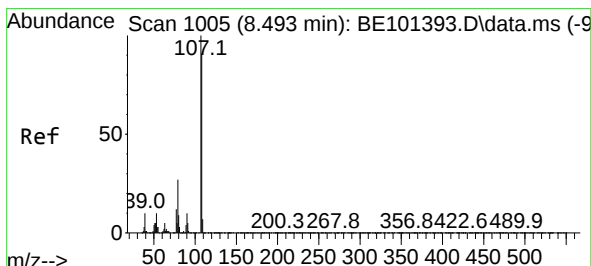
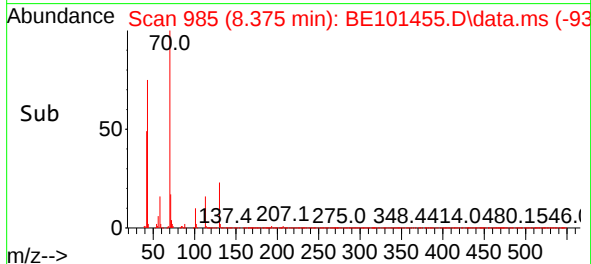
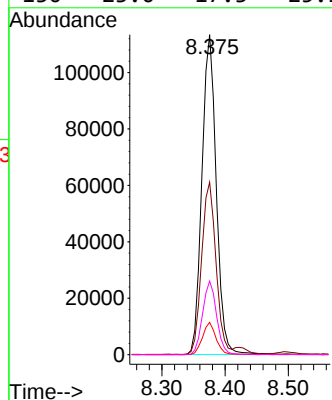
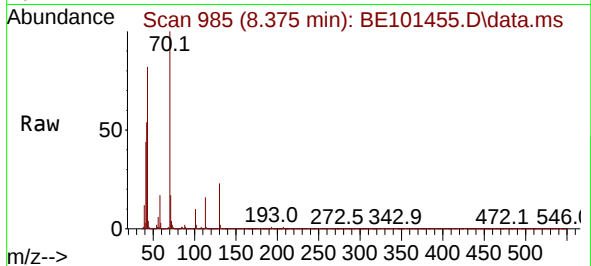


#19
n-Nitroso-di-n-propylamine
Concen: 44.224 ng
RT: 8.375 min Scan# 985
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Instrument :
BNA_E
ClientSampleId :
PB164593BS

Tgt Ion: 70 Resp: 178737

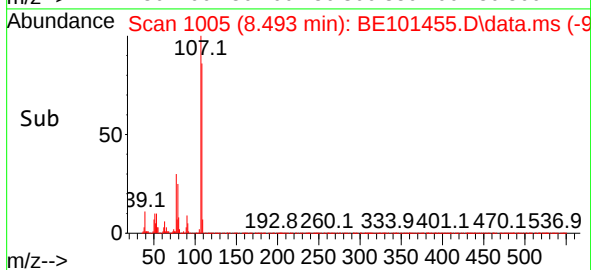
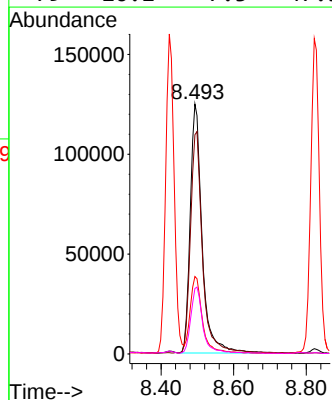
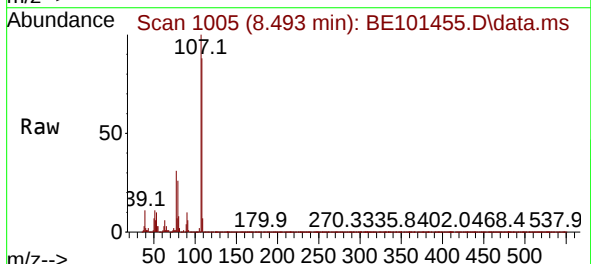
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.4	65.0
101	10.1	8.1	12.1
130	23.0	17.3	25.9

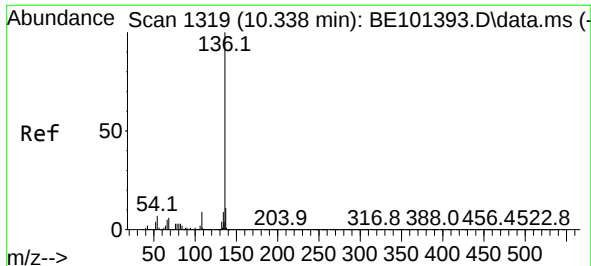


#20
3+4-Methylphenols
Concen: 46.005 ng
RT: 8.493 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion: 107 Resp: 284028

Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.6	110.6
77	31.0	11.3	51.3
79	26.2	7.3	47.3



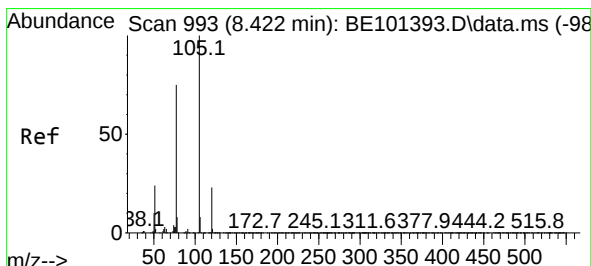
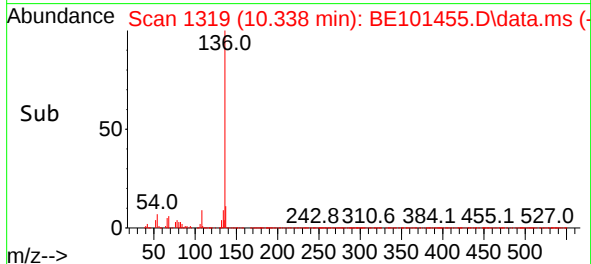
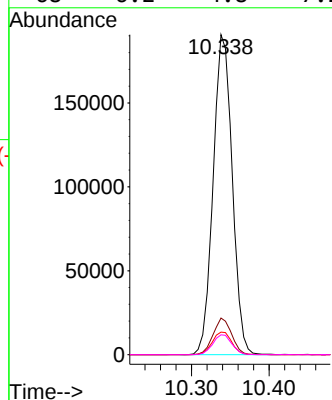
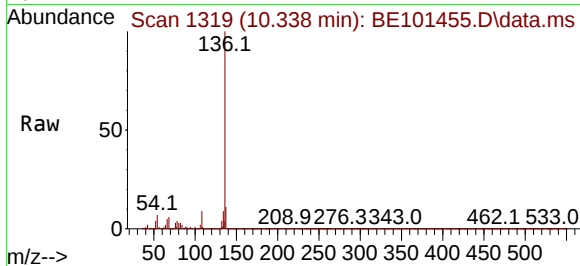


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Instrument :
BNA_E
ClientSampleId :
PB164593BS

Tgt Ion:136 Resp: 325431

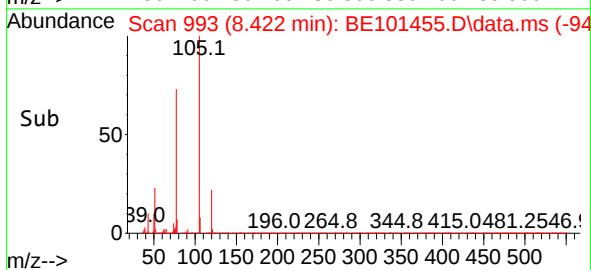
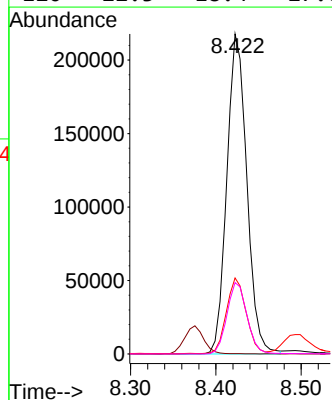
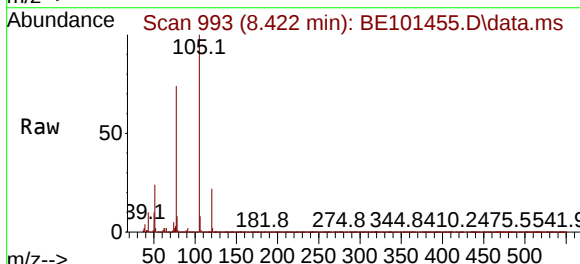
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.1	5.9	8.9
68	6.2	4.8	7.2

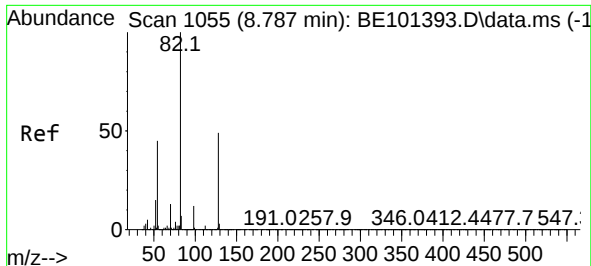


#22
Acetophenone
Concen: 47.902 ng
RT: 8.422 min Scan# 993
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:105 Resp: 353960

Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1
51	23.8	19.4	29.0
120	22.3	18.4	27.6

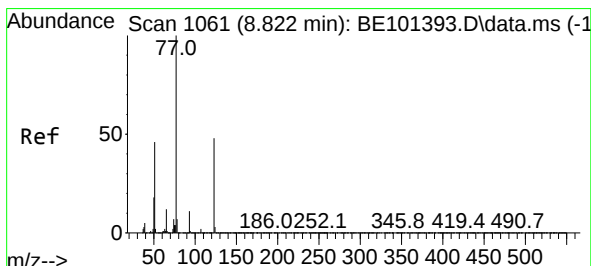
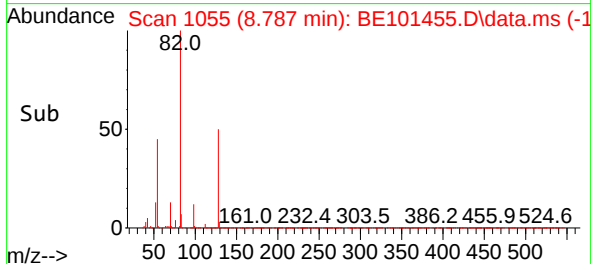
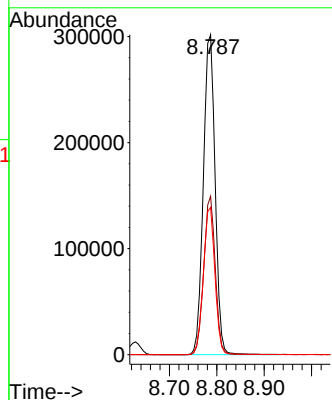
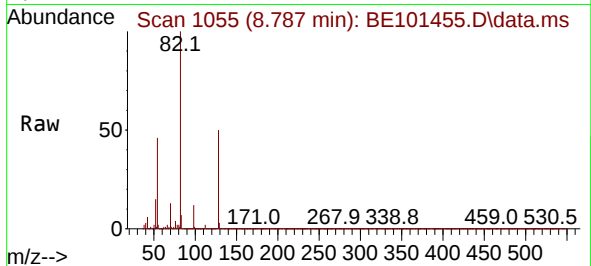




#23
Nitrobenzene-d5
Concen: 100.531 ng
RT: 8.787 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

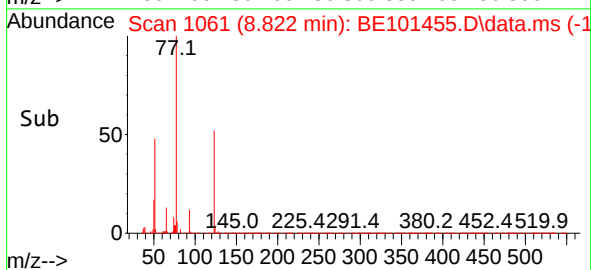
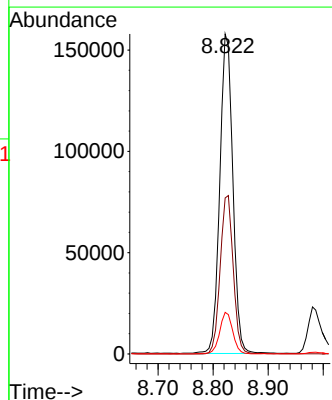
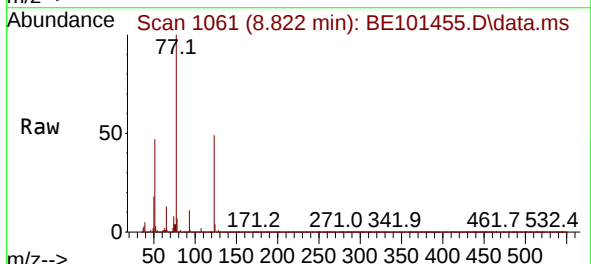
Instrument :
BNA_E
ClientSampleId :
PB164593BS

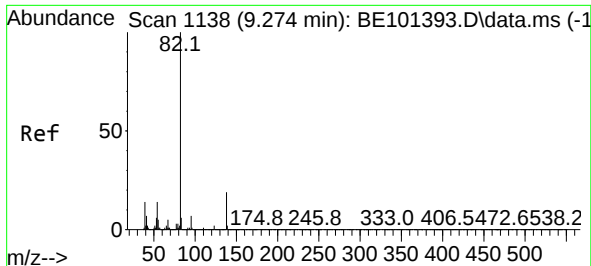
Tgt Ion: 82 Resp: 520878
Ion Ratio Lower Upper
82 100
128 49.5 38.9 58.3
54 46.0 36.2 54.4



#24
Nitrobenzene
Concen: 47.071 ng
RT: 8.822 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion: 77 Resp: 259578
Ion Ratio Lower Upper
77 100
123 48.8 38.7 58.1
65 13.0 10.0 15.0

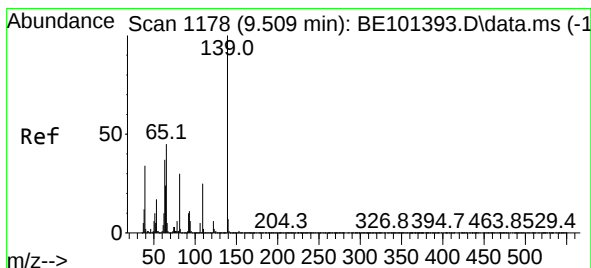
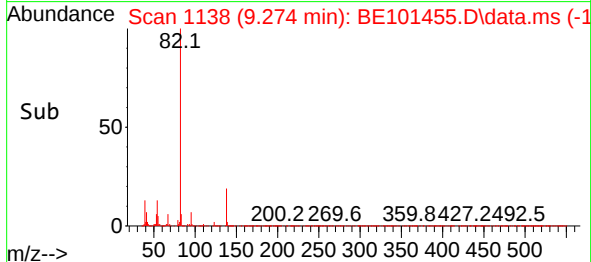
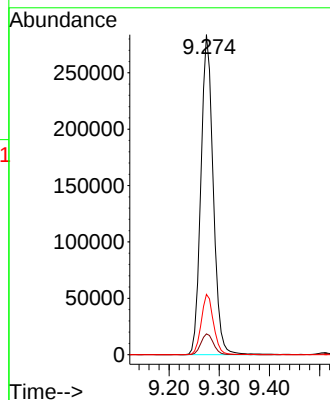
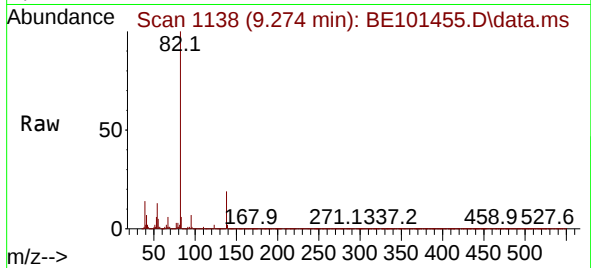




#25
Isophorone
Concen: 47.772 ng
RT: 9.274 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

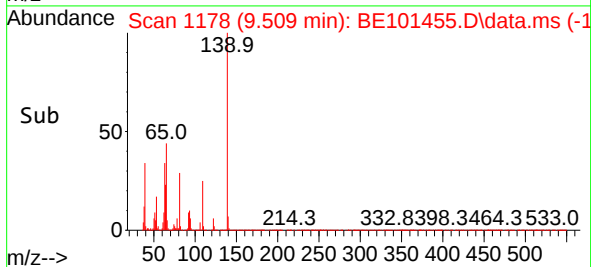
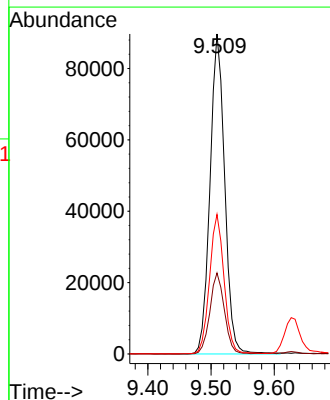
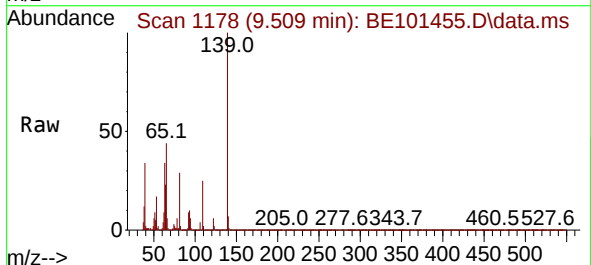
Instrument :
BNA_E
ClientSampleId :
PB164593BS

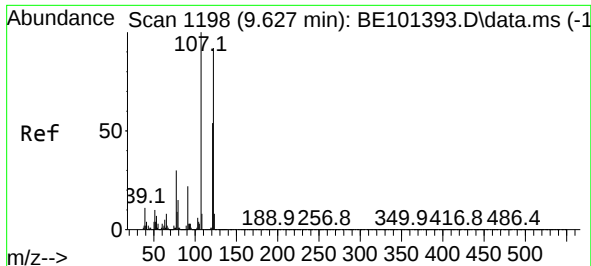
Tgt Ion: 82 Resp: 483008
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 18.8 15.0 22.4



#26
2-Nitrophenol
Concen: 54.209 ng
RT: 9.509 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:139 Resp: 144486
Ion Ratio Lower Upper
139 100
109 25.3 20.1 30.1
65 43.6 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 63.017 ng

RT: 9.627 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

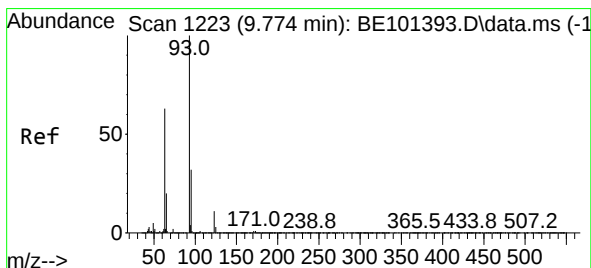
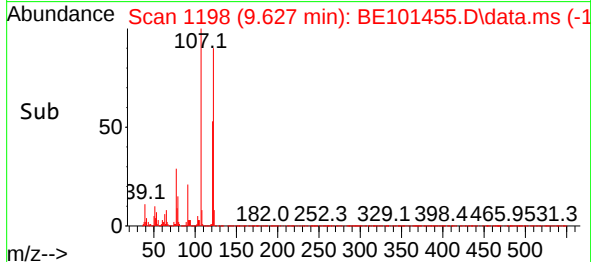
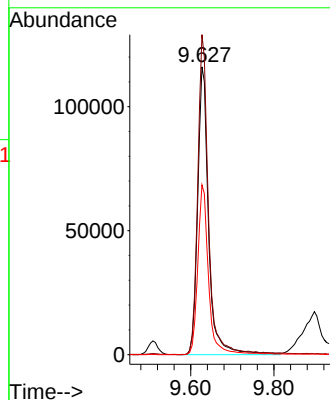
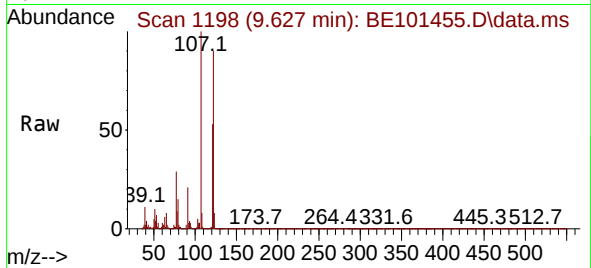
Tgt Ion:122 Resp: 211356

Ion Ratio Lower Upper

122 100

107 111.2 87.4 131.0

121 59.0 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.472 ng

RT: 9.774 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

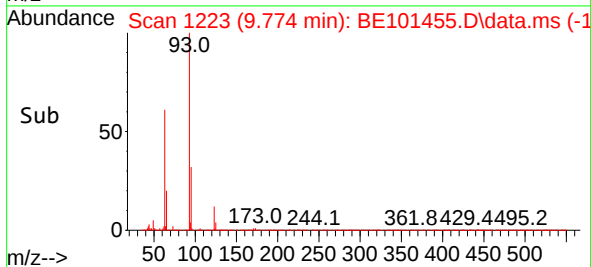
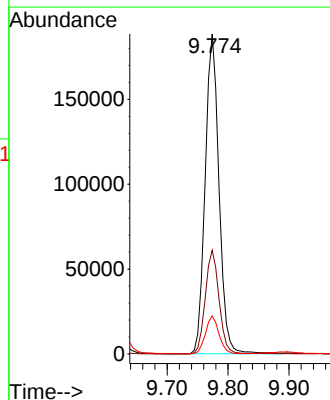
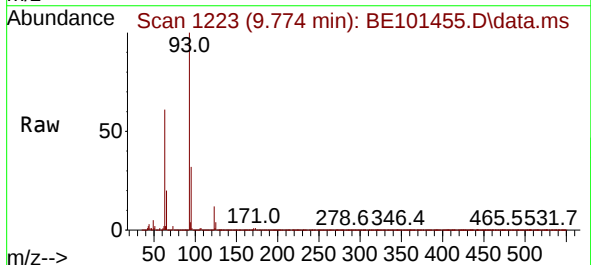
Tgt Ion: 93 Resp: 297209

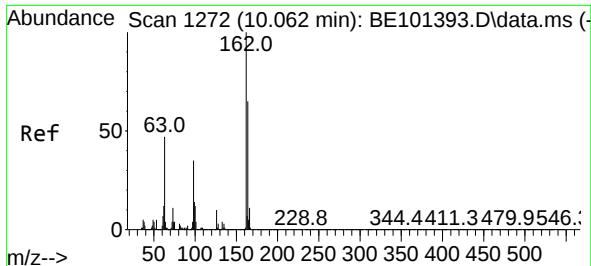
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 11.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 52.238 ng

RT: 10.062 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

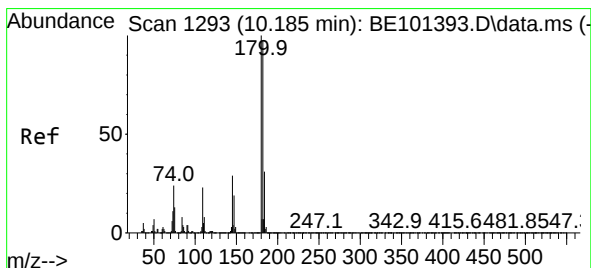
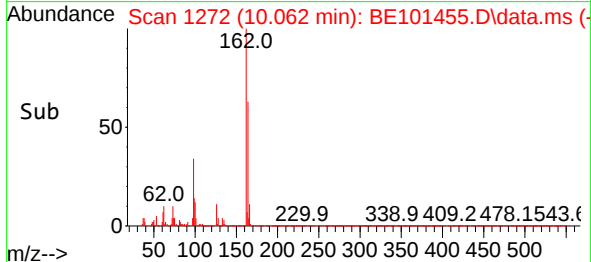
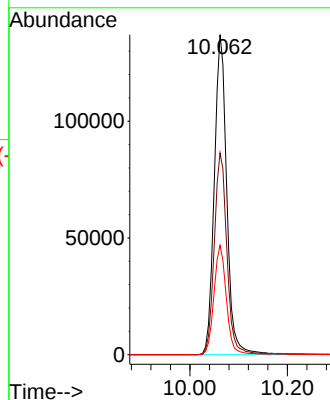
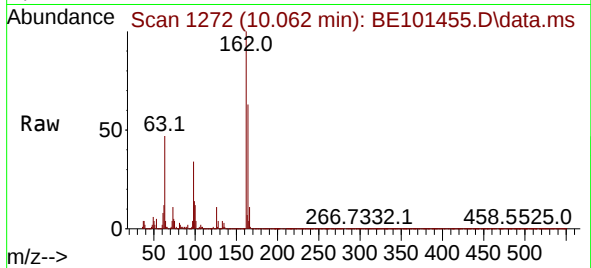
Tgt Ion:162 Resp: 242384

Ion Ratio Lower Upper

162 100

164 63.0 45.4 85.4

98 34.2 14.5 54.5



#30

1,2,4-Trichlorobenzene

Concen: 47.219 ng

RT: 10.185 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

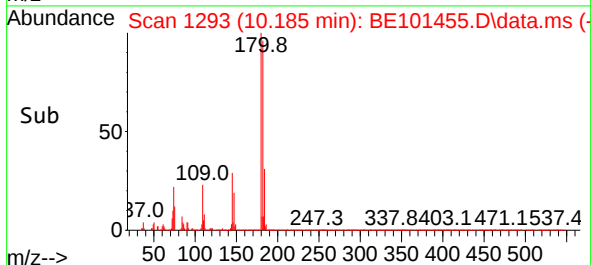
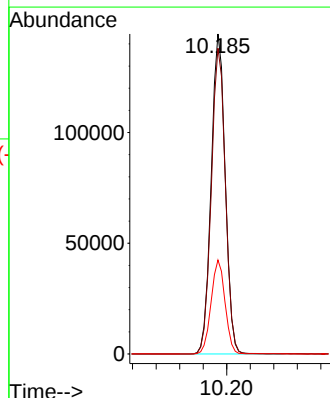
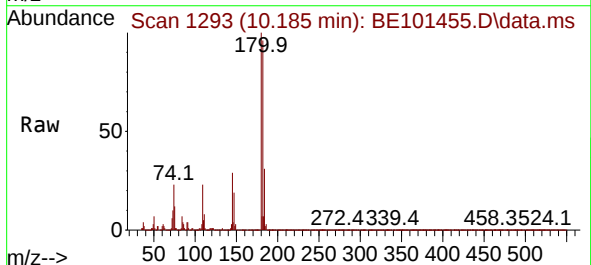
Tgt Ion:180 Resp: 238677

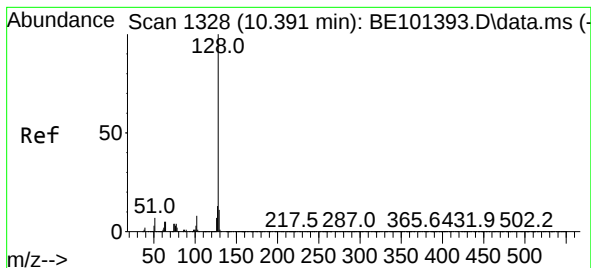
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.0

145 29.3 23.3 34.9





#31

Naphthalene

Concen: 47.306 ng

RT: 10.391 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

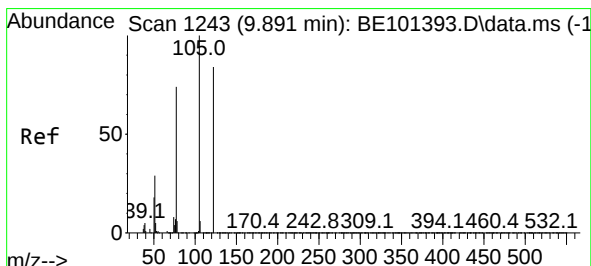
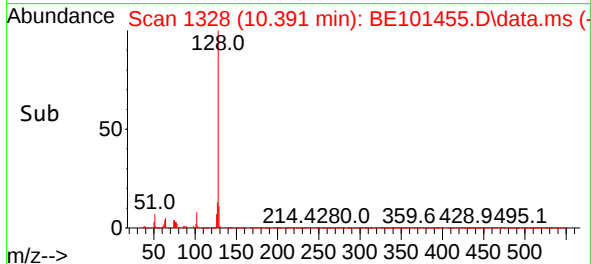
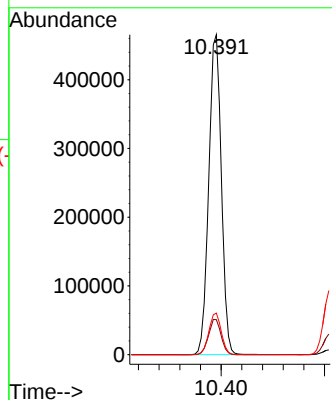
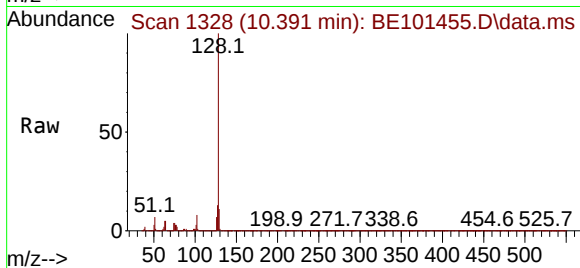
Tgt Ion:128 Resp: 784503

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 22.839 ng

RT: 9.897 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

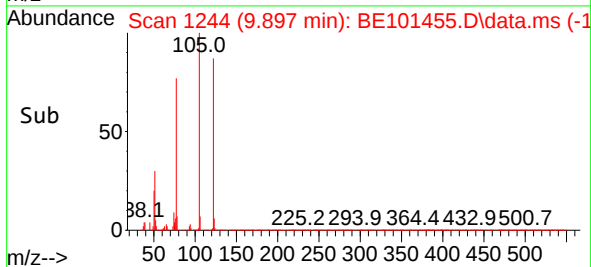
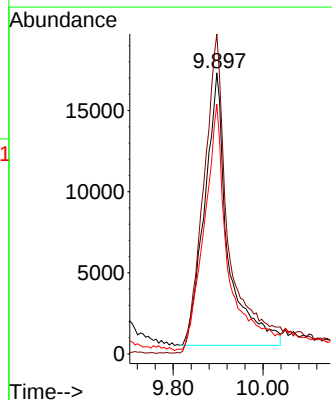
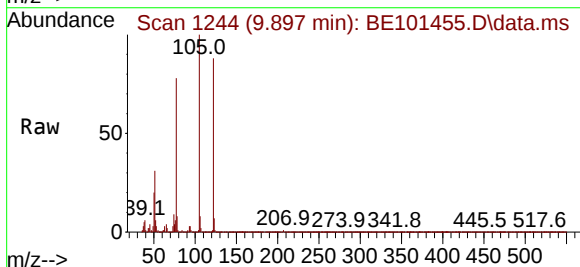
Tgt Ion:122 Resp: 60872

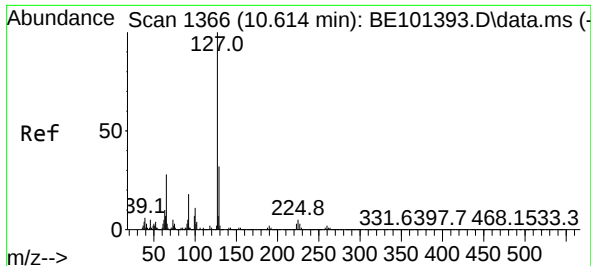
Ion Ratio Lower Upper

122 100

105 113.8 97.9 137.9

77 88.8 68.1 108.1

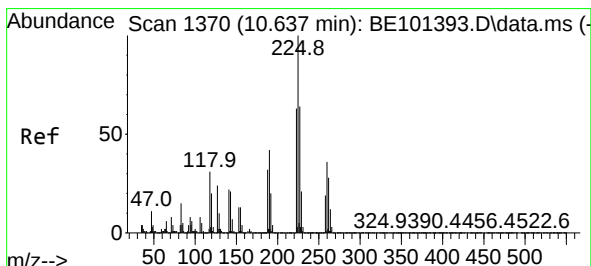
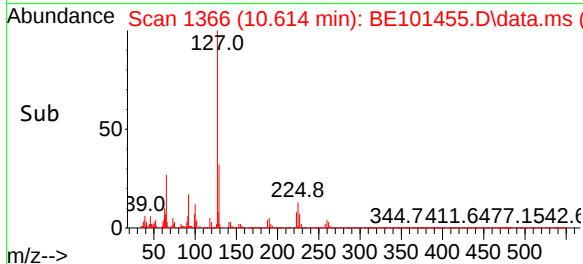
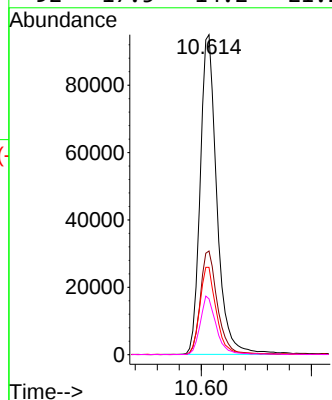
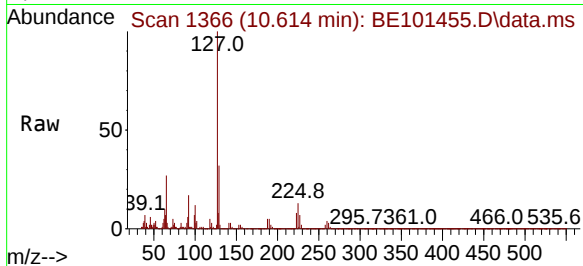




#33
4-Chloroaniline
Concen: 34.594 ng
RT: 10.614 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

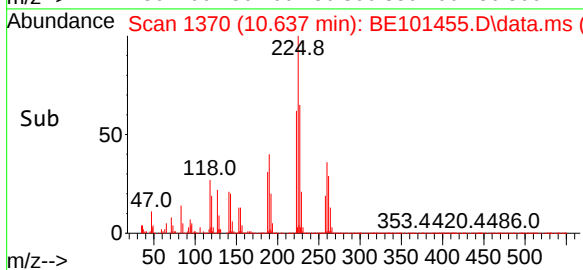
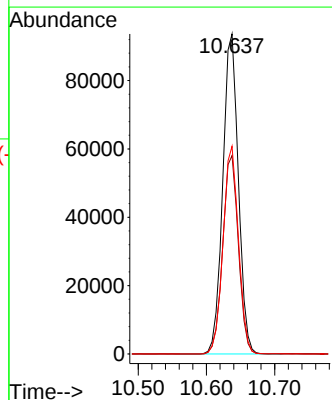
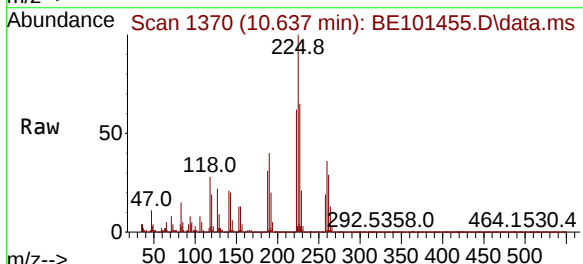
Instrument :
BNA_E
ClientSampleId :
PB164593BS

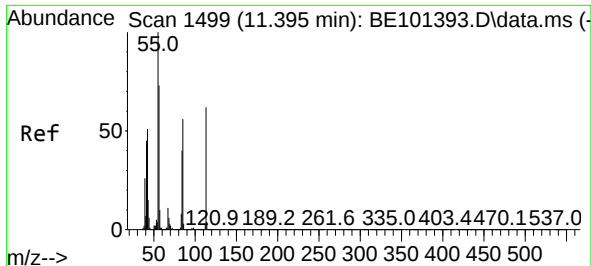
Tgt Ion:	127	Resp:	199490
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	27.3	22.2	33.4
92	17.5	14.2	21.2



#34
Hexachlorobutadiene
Concen: 49.649 ng
RT: 10.637 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:	225	Resp:	148547
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.5	75.7
227	64.9	51.0	76.6

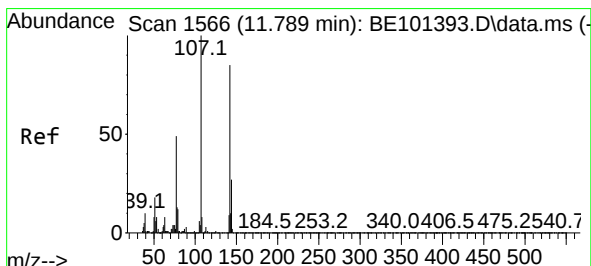
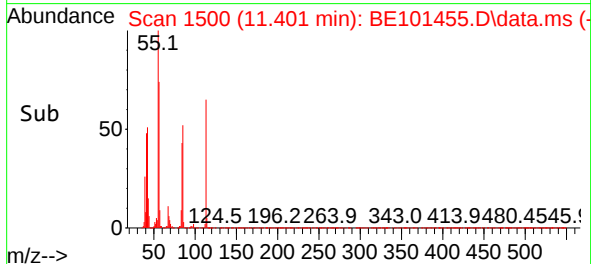
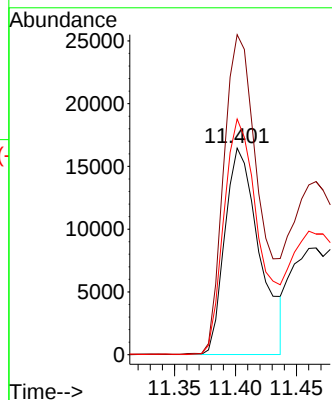
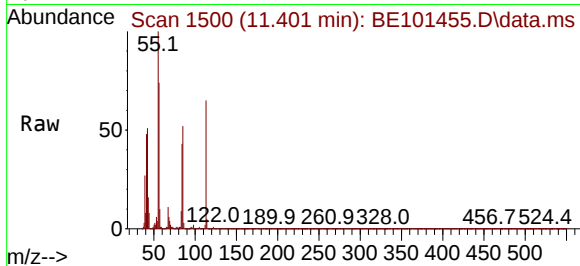




#35
Caprolactam
Concen: 18.263 ng
RT: 11.401 min Scan# 113
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

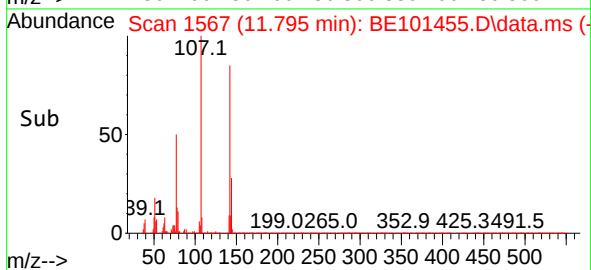
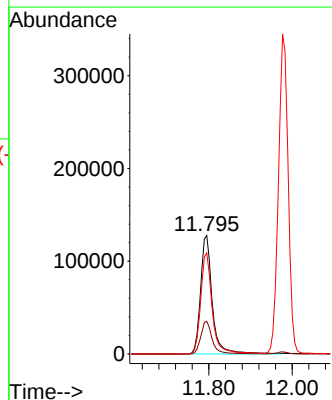
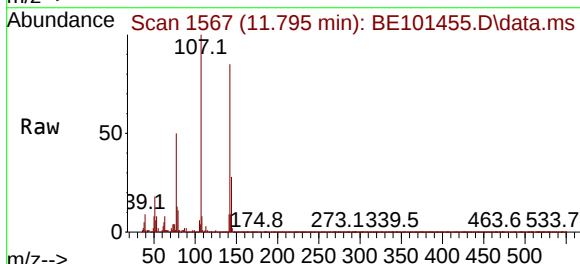
Instrument :
BNA_E
ClientSampleId :
PB164593BS

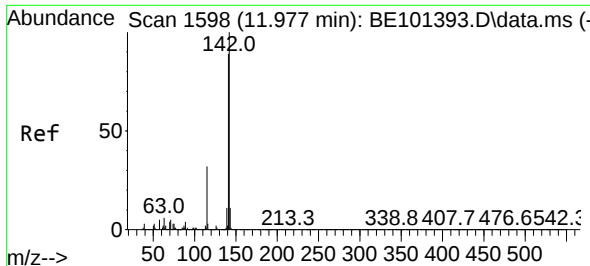
Tgt Ion:113 Resp: 32483
Ion Ratio Lower Upper
113 100
55 154.9 141.2 181.2
56 114.0 96.9 136.9



#36
4-Chloro-3-methylphenol
Concen: 47.048 ng
RT: 11.795 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:107 Resp: 248562
Ion Ratio Lower Upper
107 100
144 27.6 21.9 32.9
142 85.4 68.0 102.0

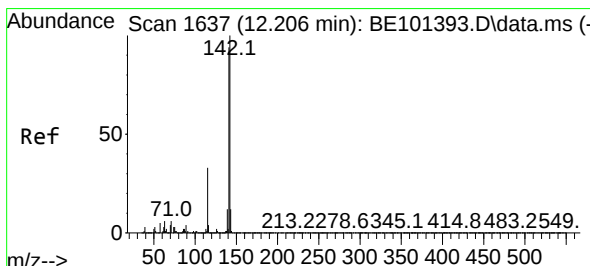
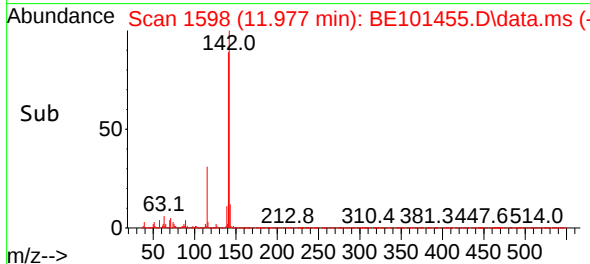
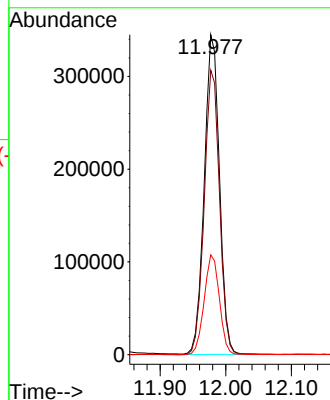
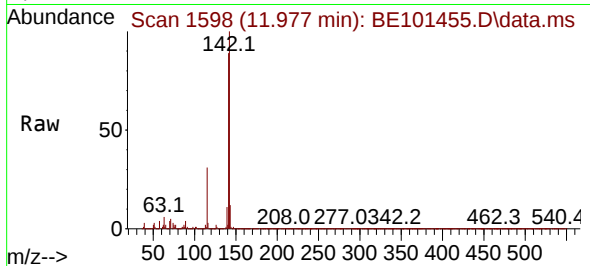




#37
2-Methylnaphthalene
Concen: 46.572 ng
RT: 11.977 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

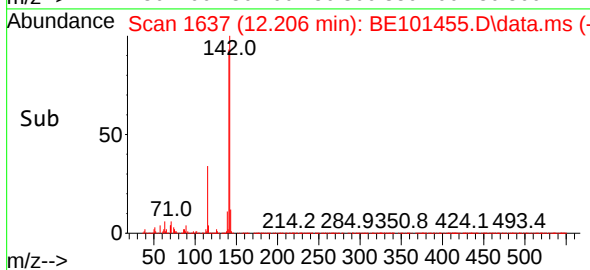
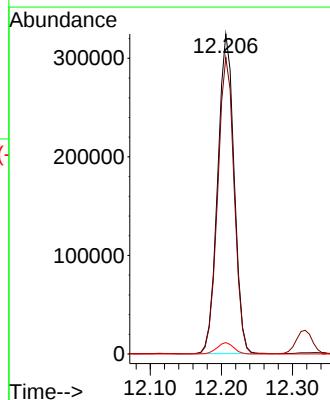
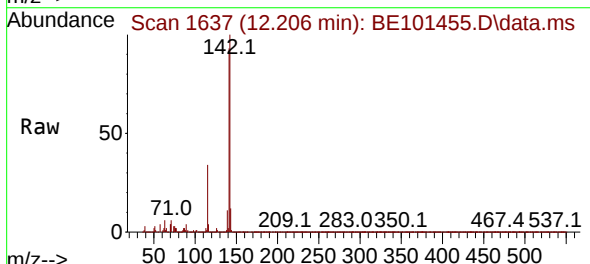
Instrument :
BNA_E
ClientSampleId :
PB164593BS

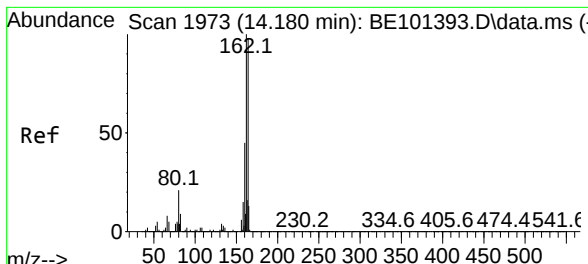
Tgt Ion:142 Resp: 556424
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 31.2 25.6 38.4



#38
1-Methylnaphthalene
Concen: 43.531 ng
RT: 12.206 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:142 Resp: 519077
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4
116 3.6 2.9 4.3



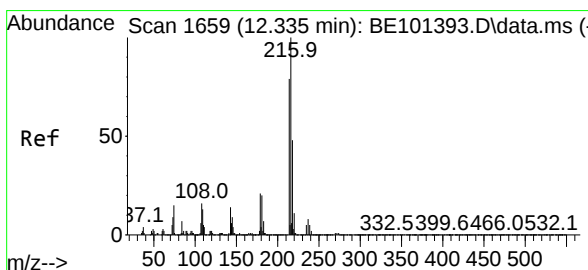
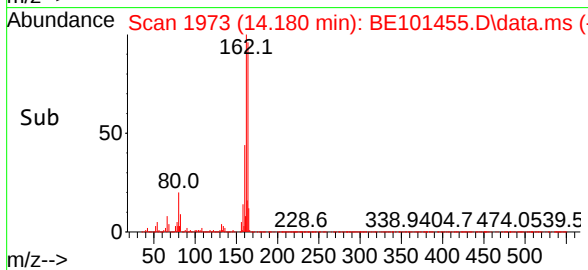
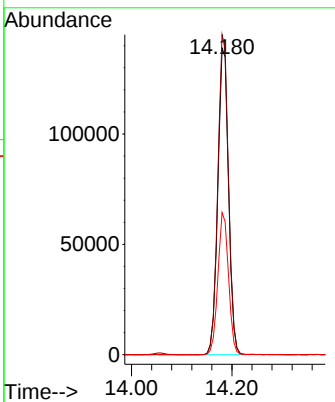
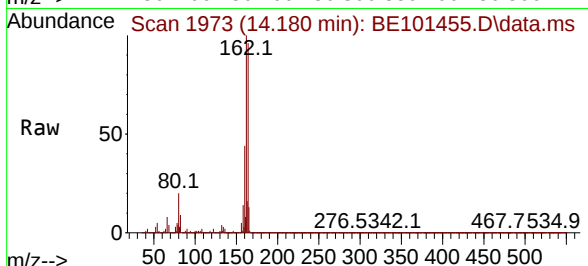


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.180 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: BE101455.D
 Acq: 4 Nov 2024 14:04

Instrument :
 BNA_E
 ClientSampleId :
 PB164593BS

Tgt Ion:164 Resp: 205486

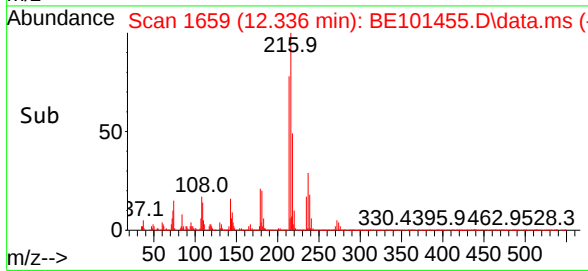
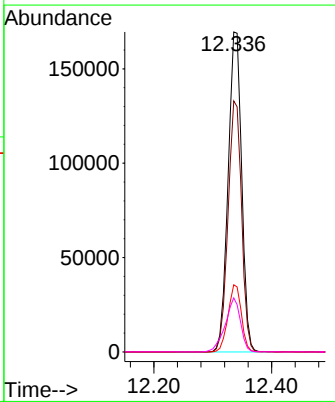
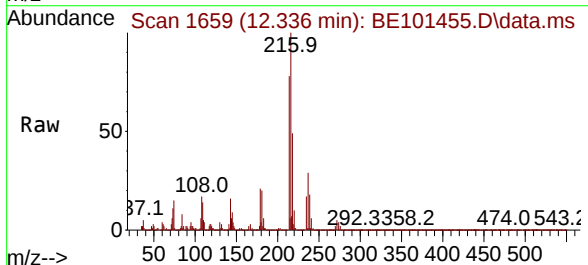
Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	46.4	36.4	54.6

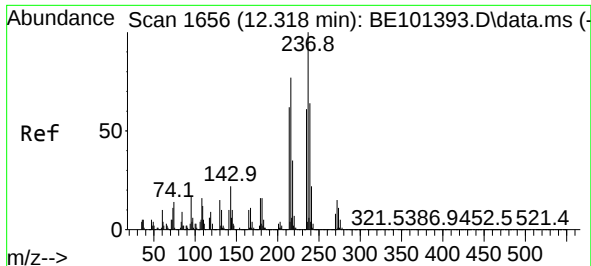


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.610 ng
 RT: 12.336 min Scan# 1659
 Delta R.T. 0.000 min
 Lab File: BE101455.D
 Acq: 4 Nov 2024 14:04

Tgt Ion:216 Resp: 271384

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	20.7	16.7	25.1
108	18.9	13.4	20.2

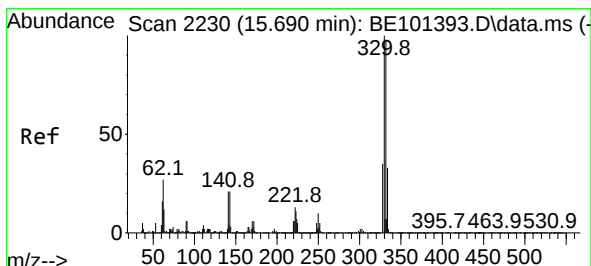
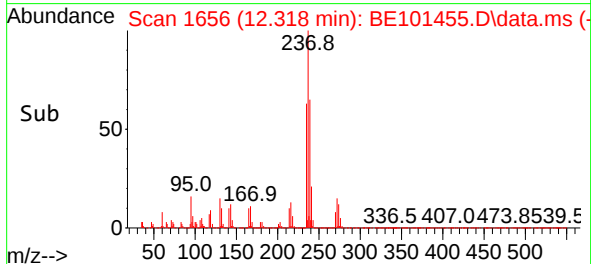
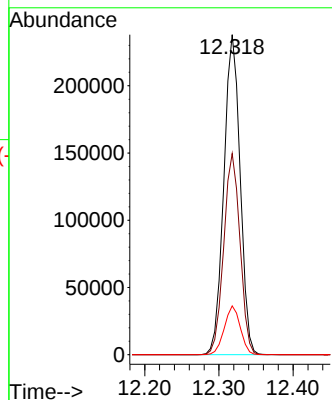
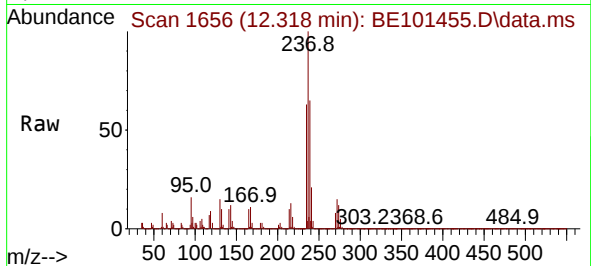




#41
Hexachlorocyclopentadiene
Concen: 212.866 ng
RT: 12.318 min Scan# 1
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

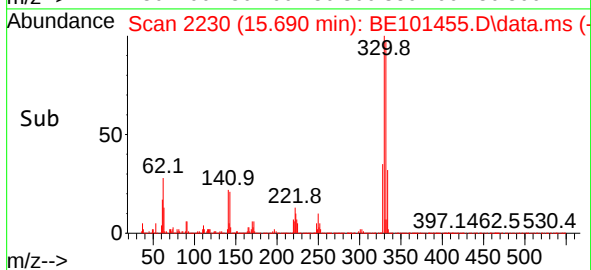
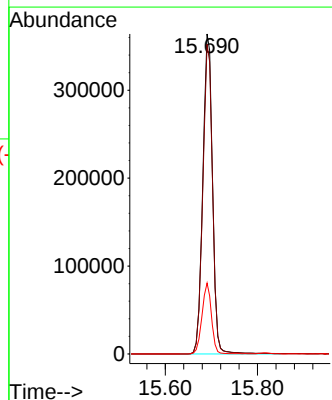
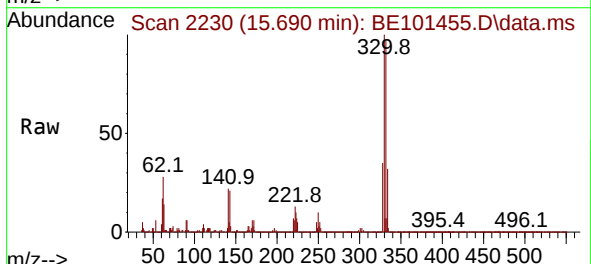
Instrument :
BNA_E
ClientSampleId :
PB164593BS

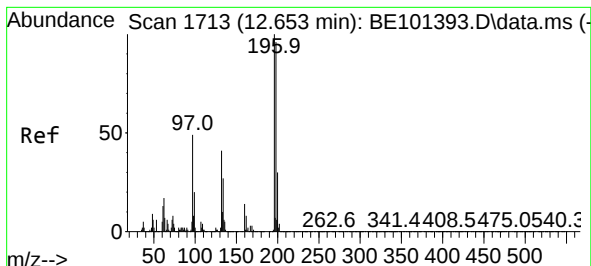
Tgt Ion:237 Resp: 362645
Ion Ratio Lower Upper
237 100
235 62.9 41.3 81.3
272 15.3 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 148.960 ng
RT: 15.690 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:330 Resp: 536480
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 21.6 18.3 27.5





#43

2,4,6-Trichlorophenol

Concen: 54.969 ng

RT: 12.659 min Scan# 1714

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

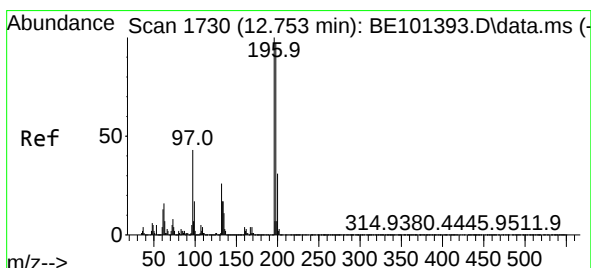
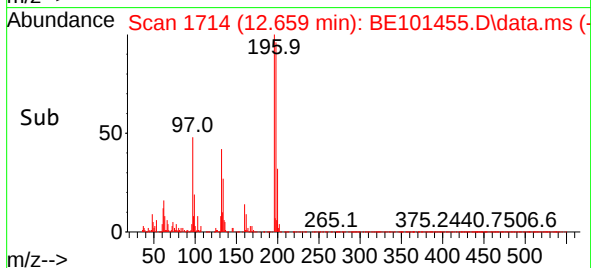
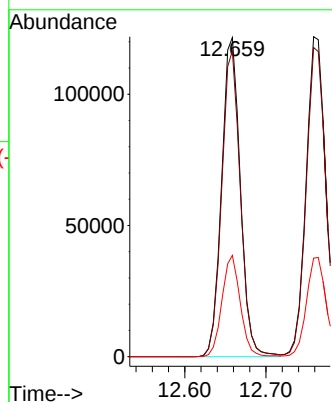
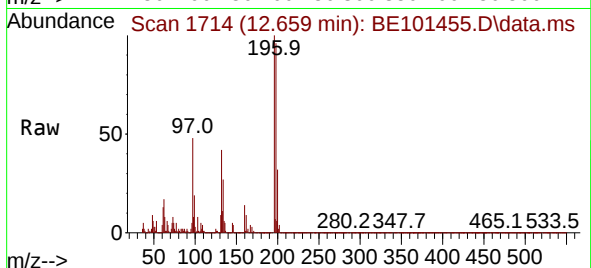
Tgt Ion:196 Resp: 195477

Ion Ratio Lower Upper

196 100

198 95.8 76.6 115.0

200 31.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 52.215 ng

RT: 12.759 min Scan# 1731

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Tgt Ion:196 Resp: 212637

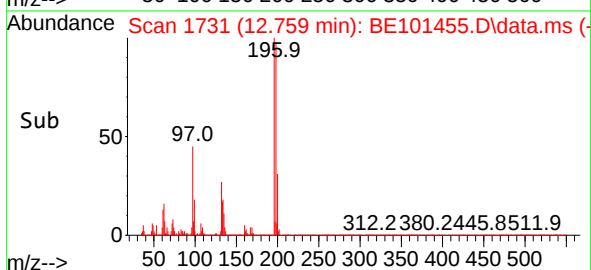
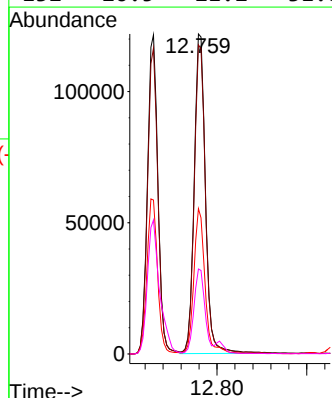
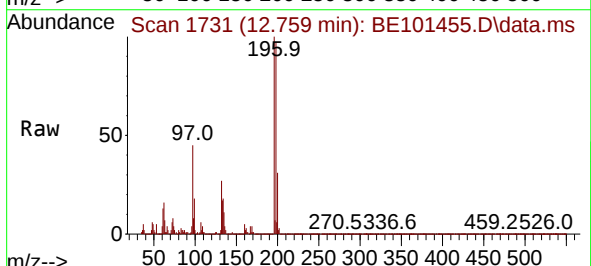
Ion Ratio Lower Upper

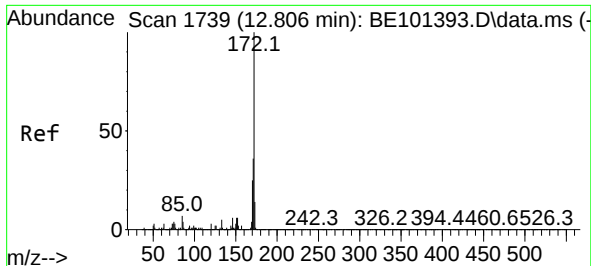
196 100

198 96.6 77.4 116.0

97 45.4 34.8 52.2

132 26.5 21.2 31.8

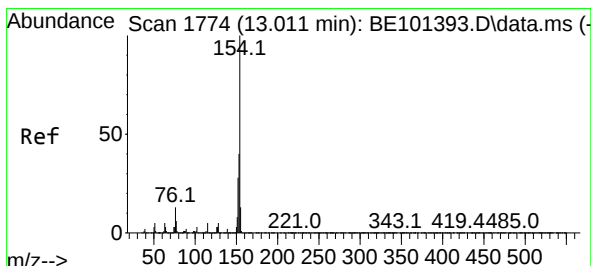
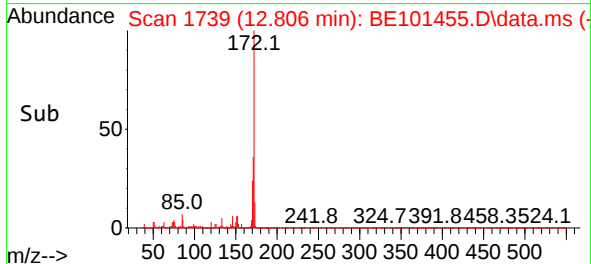
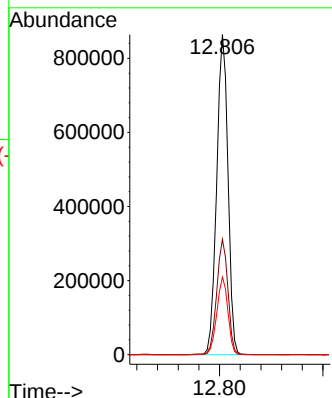
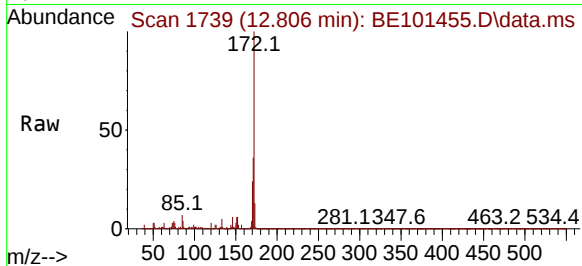




#45
2-Fluorobiphenyl
Concen: 107.645 ng
RT: 12.806 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

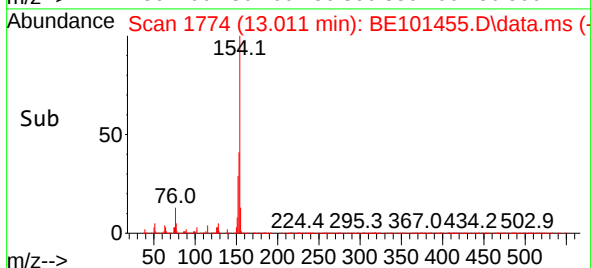
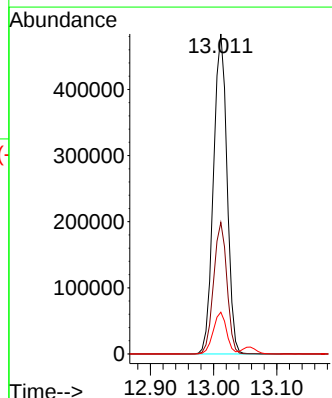
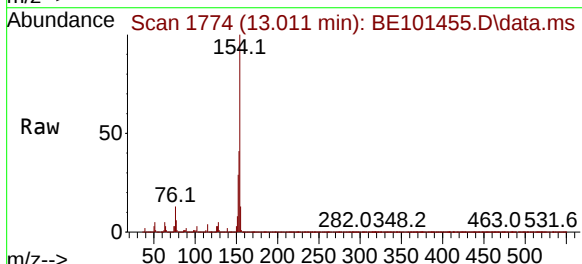
Instrument :
BNA_E
ClientSampleId :
PB164593BS

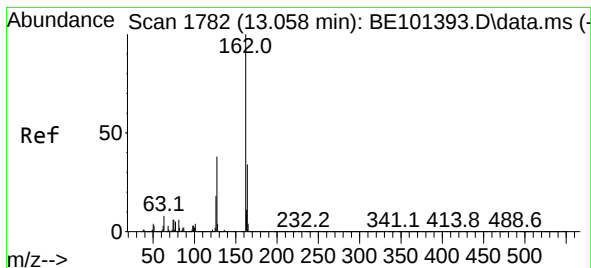
Tgt Ion:172 Resp: 1306116
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 51.077 ng
RT: 13.011 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:154 Resp: 719065
Ion Ratio Lower Upper
154 100
153 41.1 20.3 60.3
76 13.0 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.697 ng

RT: 13.058 min Scan# 11

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

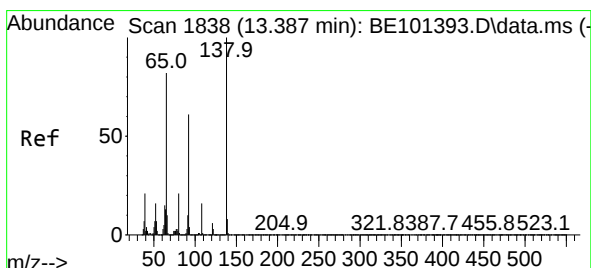
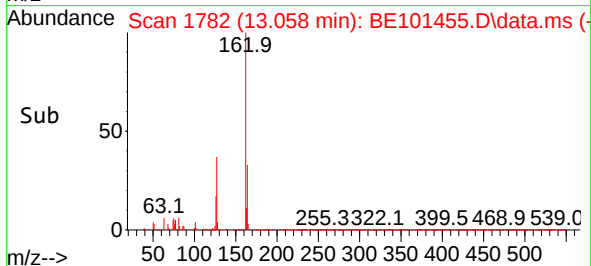
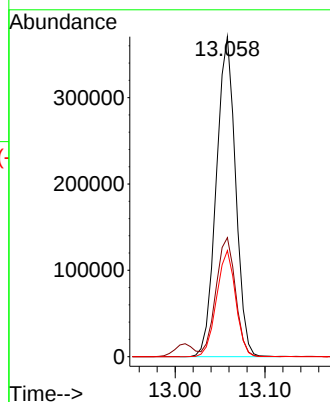
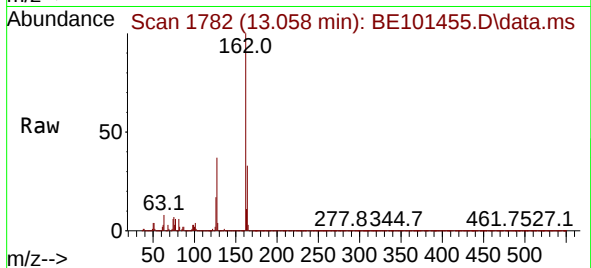
Tgt Ion:162 Resp: 552759

Ion Ratio Lower Upper

162 100

127 37.2 30.4 45.6

164 33.1 27.0 40.6



#48

2-Nitroaniline

Concen: 52.611 ng

RT: 13.387 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

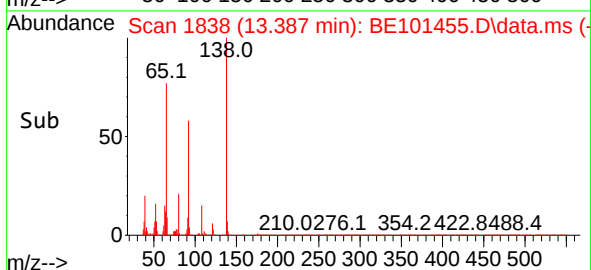
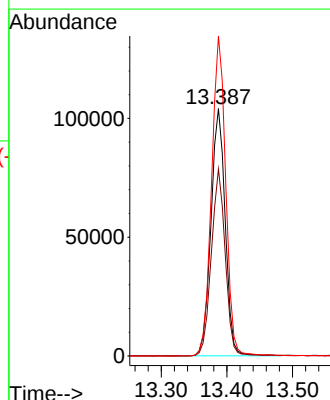
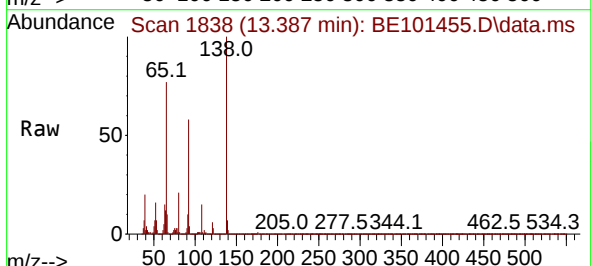
Tgt Ion: 65 Resp: 157481

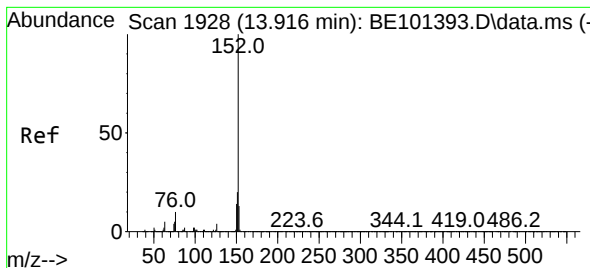
Ion Ratio Lower Upper

65 100

92 75.5 59.0 88.4

138 129.4 97.4 146.0





#49

Acenaphthylene

Concen: 54.300 ng

RT: 13.916 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

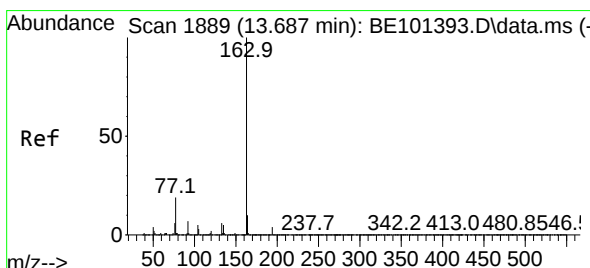
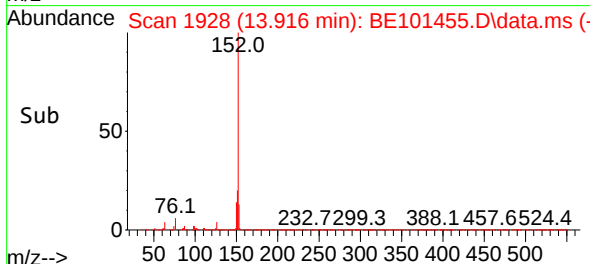
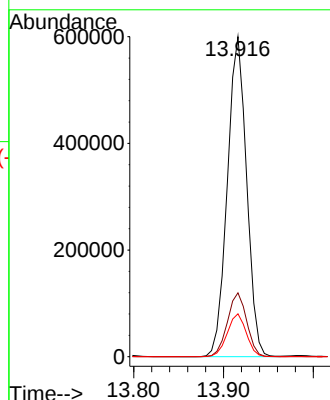
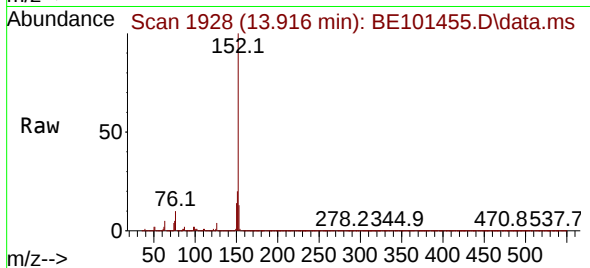
Tgt Ion:152 Resp: 893146

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 49.270 ng

RT: 13.687 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

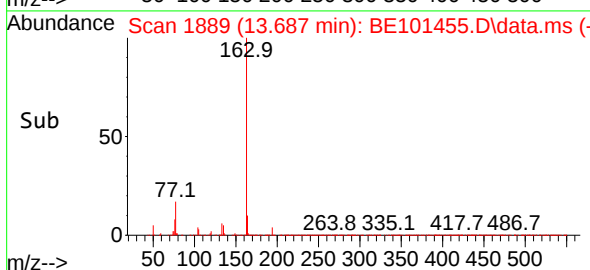
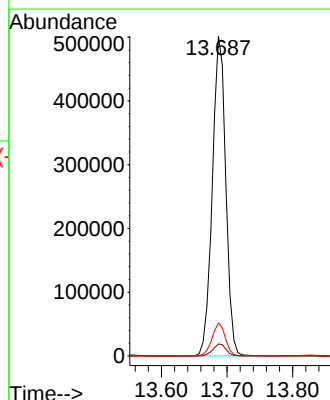
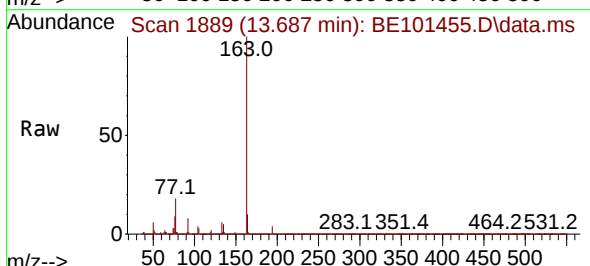
Tgt Ion:163 Resp: 714638

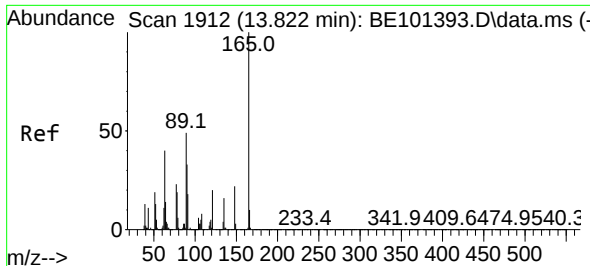
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 10.3 8.4 12.6

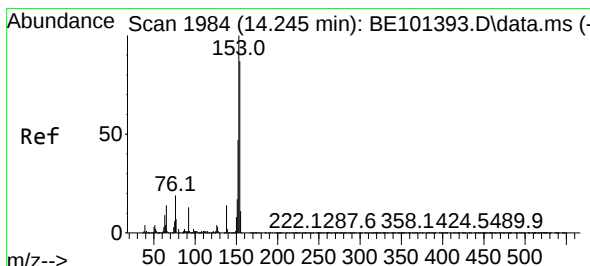
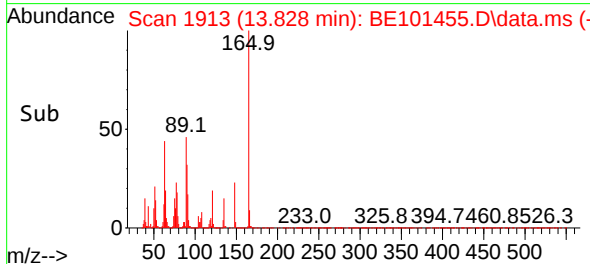
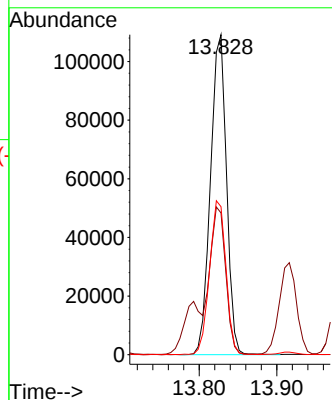
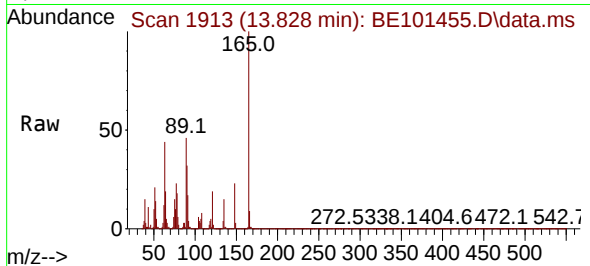




#51
2,6-Dinitrotoluene
Concen: 46.824 ng
RT: 13.828 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

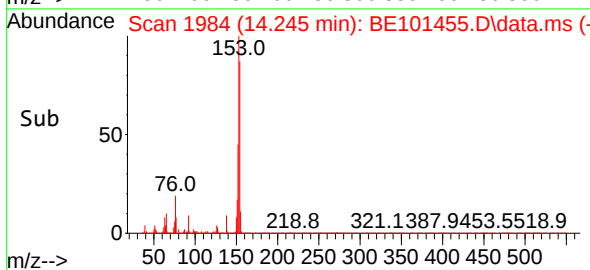
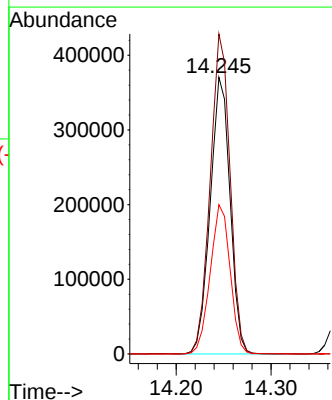
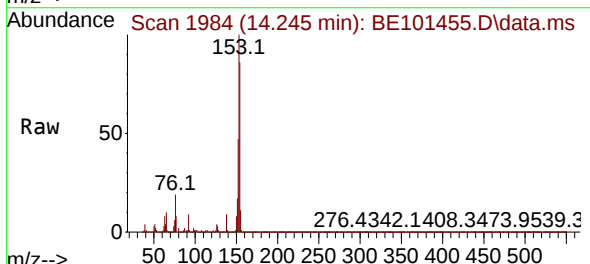
Instrument :
BNA_E
ClientSampleId :
PB164593BS

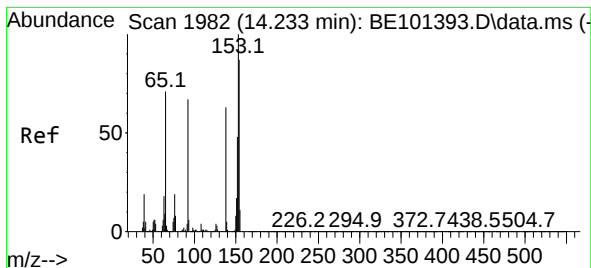
Tgt Ion:165 Resp: 156801
Ion Ratio Lower Upper
165 100
63 44.3 38.0 57.0
89 46.2 39.5 59.3



#52
Acenaphthene
Concen: 50.038 ng
RT: 14.245 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:154 Resp: 537431
Ion Ratio Lower Upper
154 100
153 115.7 91.8 137.6
152 53.9 43.1 64.7

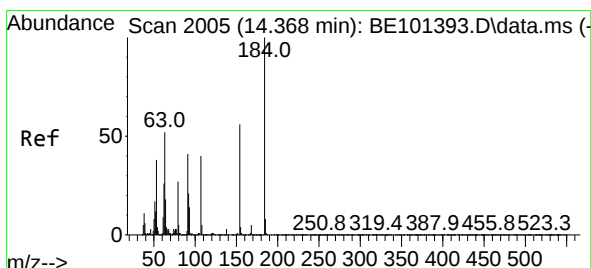
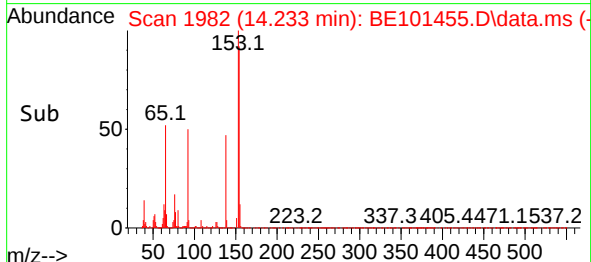
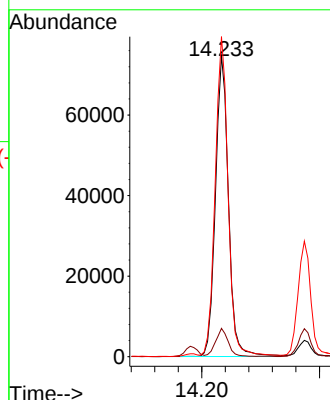
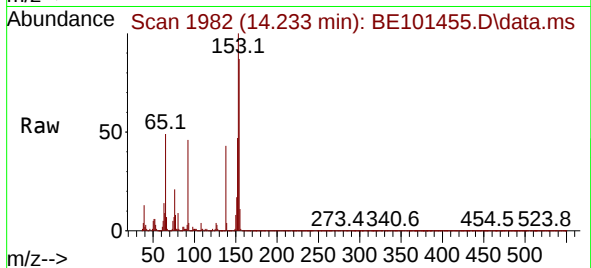




#53
3-Nitroaniline
Concen: 34.442 ng
RT: 14.233 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

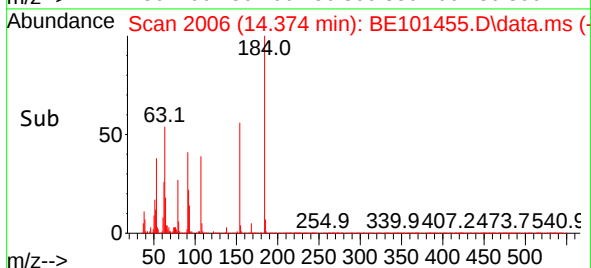
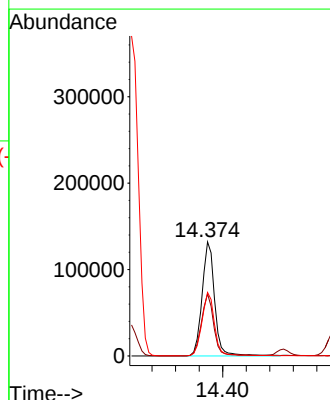
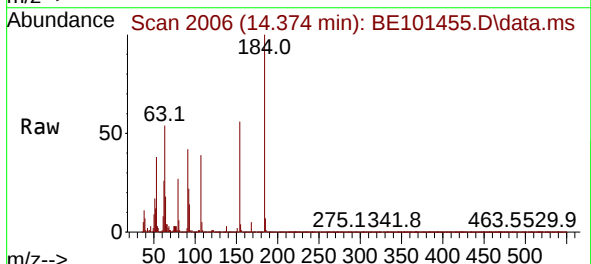
Instrument :
BNA_E
ClientSampleId :
PB164593BS

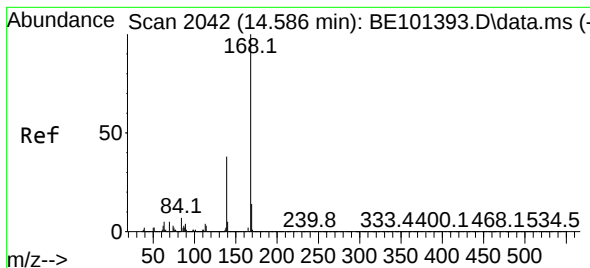
Tgt Ion:138 Resp: 114689
Ion Ratio Lower Upper
138 100
108 9.4 7.1 10.7
92 106.3 84.4 126.6



#54
2,4-Dinitrophenol
Concen: 82.228 ng
RT: 14.374 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:184 Resp: 196055
Ion Ratio Lower Upper
184 100
63 54.4 41.8 62.6
154 55.6 44.9 67.3





#55

Dibenzenofuran

Concen: 49.505 ng

RT: 14.586 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

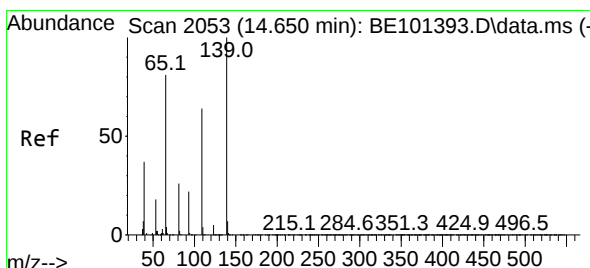
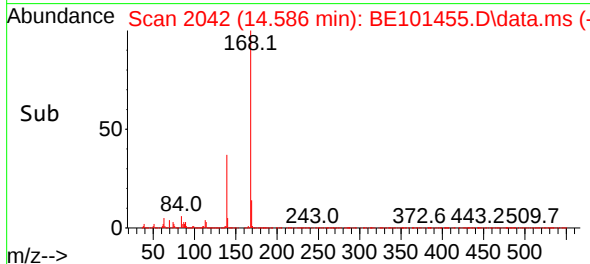
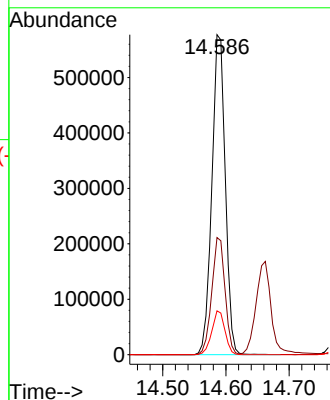
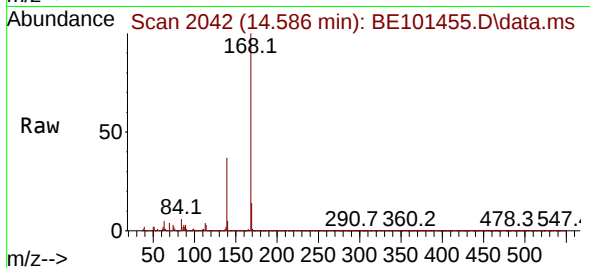
Tgt Ion:168 Resp: 847461

Ion Ratio Lower Upper

168 100

139 36.6 30.2 45.4

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 93.609 ng

RT: 14.662 min Scan# 2055

Delta R.T. 0.012 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

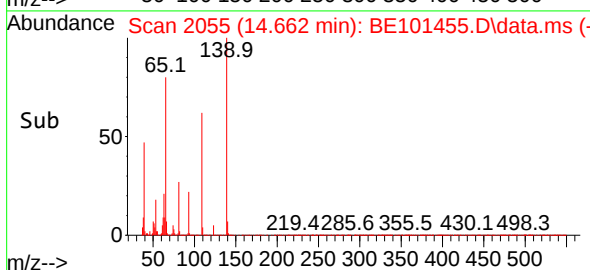
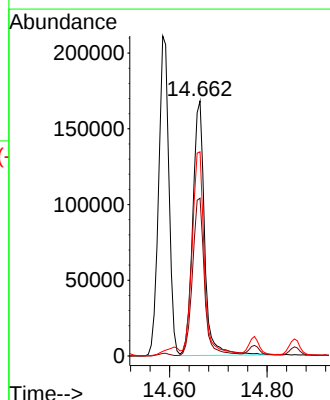
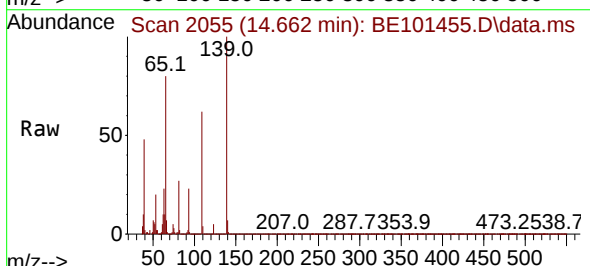
Tgt Ion:139 Resp: 285451

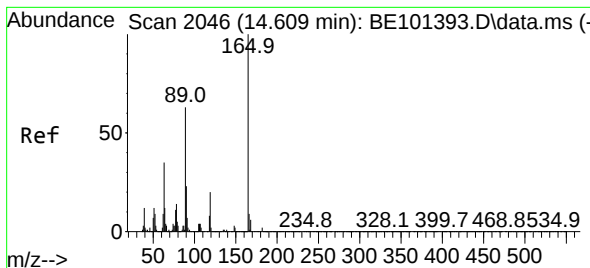
Ion Ratio Lower Upper

139 100

109 61.9 42.4 82.4

65 80.1 63.4 103.4



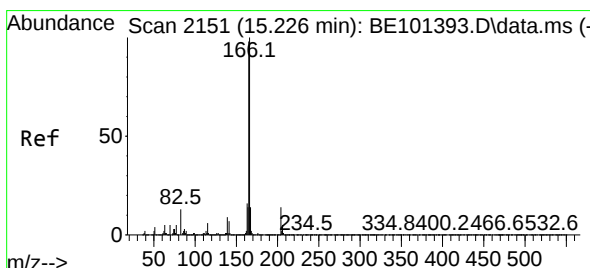
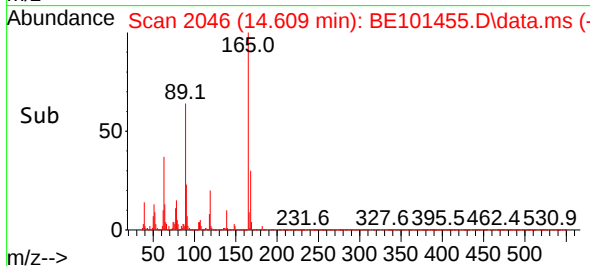
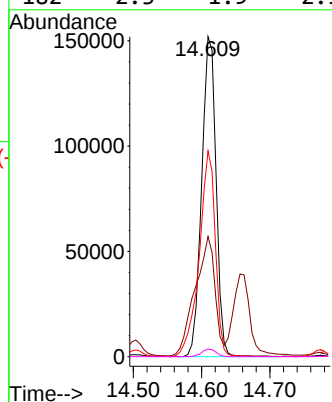
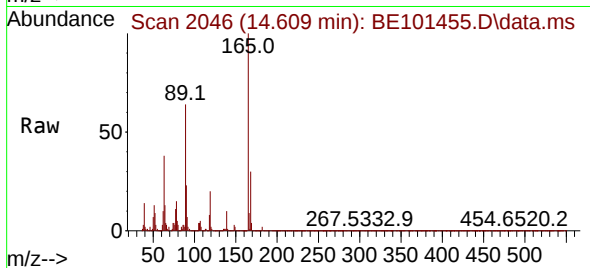


#57
2,4-Dinitrotoluene
Concen: 48.298 ng
RT: 14.609 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Instrument :
BNA_E
ClientSampleId :
PB164593BS

Tgt Ion:165 Resp: 222670

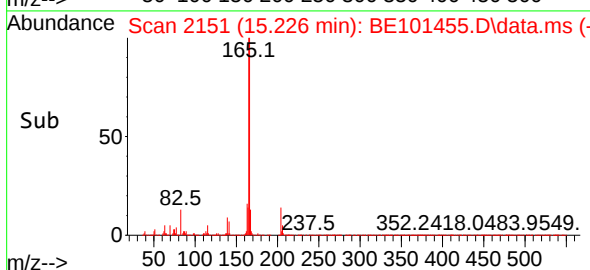
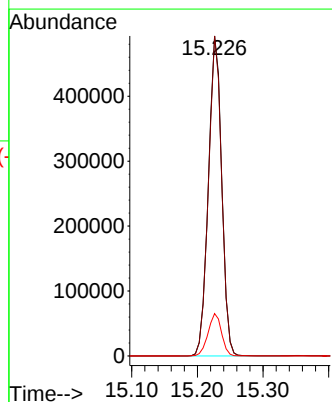
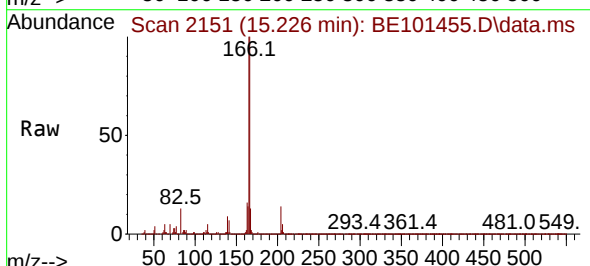
Ion	Ratio	Lower	Upper
165	100		
63	37.5	28.6	42.8
89	64.3	50.8	76.2
182	2.3	1.9	2.9

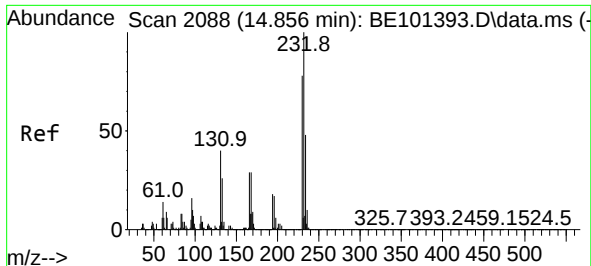


#58
Fluorene
Concen: 48.579 ng
RT: 15.226 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:166 Resp: 695686

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.7	118.1
167	13.3	11.0	16.4

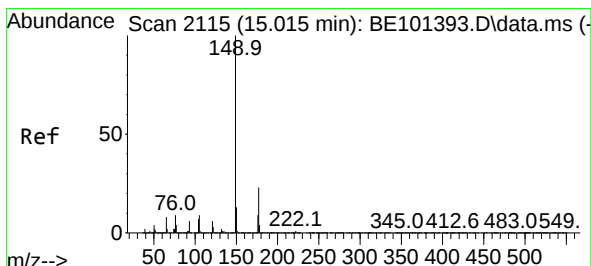
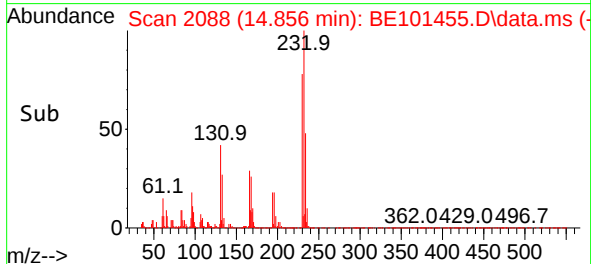
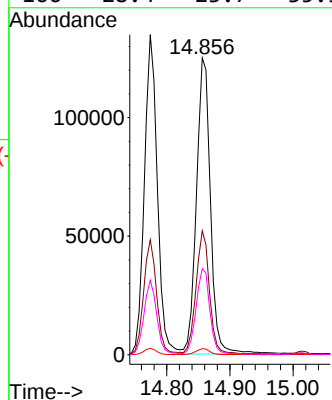
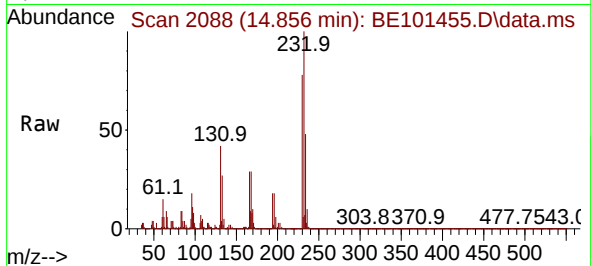




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.975 ng
RT: 14.856 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

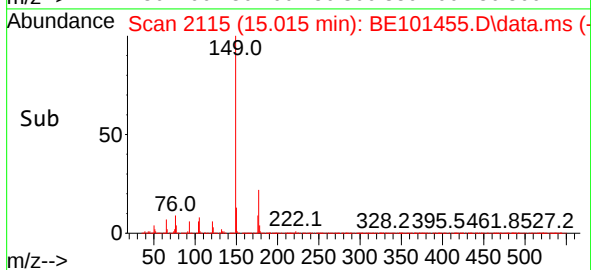
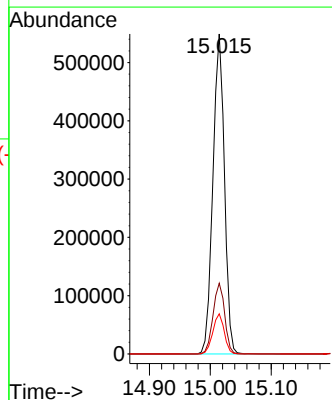
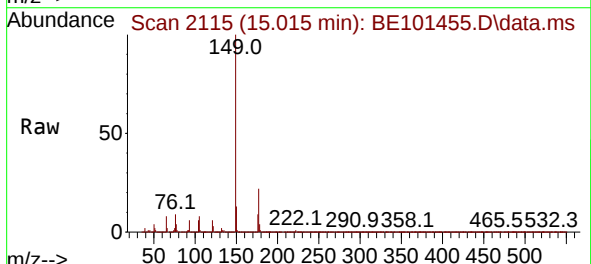
Instrument :
BNA_E
ClientSampleId :
PB164593BS

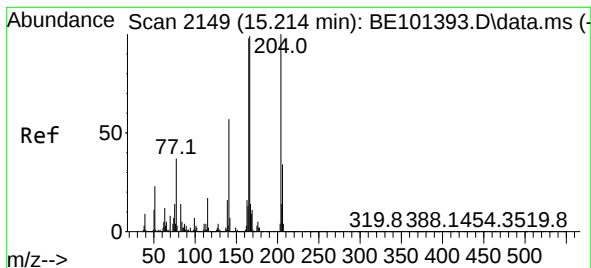
Tgt Ion:	232	Resp:	191796
Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.5	50.3
130	2.0	1.6	2.4
166	28.4	23.7	35.5



#60
Diethylphthalate
Concen: 47.460 ng
RT: 15.015 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:	149	Resp:	720038
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.0	27.0
150	12.5	10.3	15.5

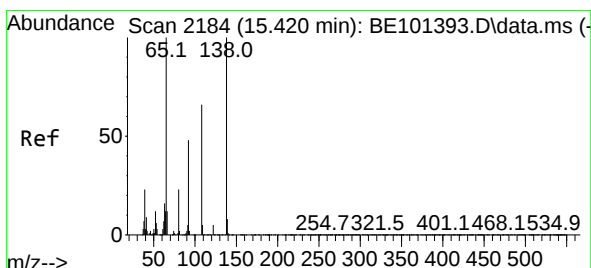
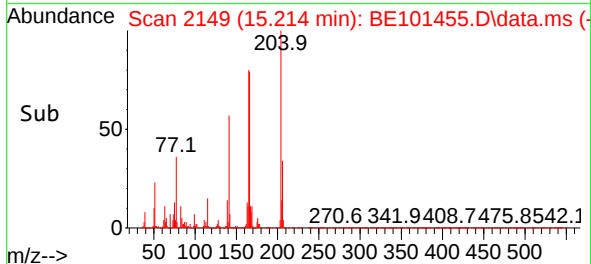
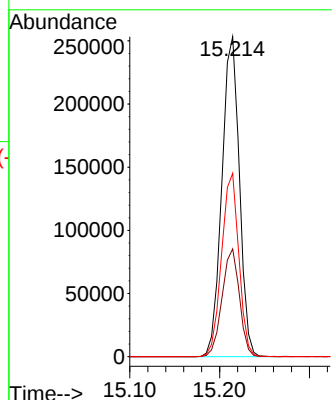
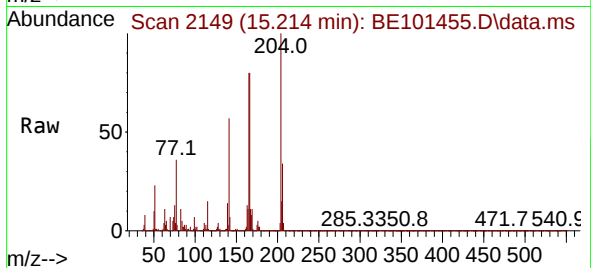




#61
4-Chlorophenyl-phenylether
Concen: 48.188 ng
RT: 15.214 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

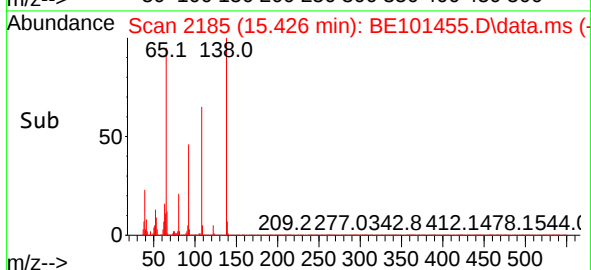
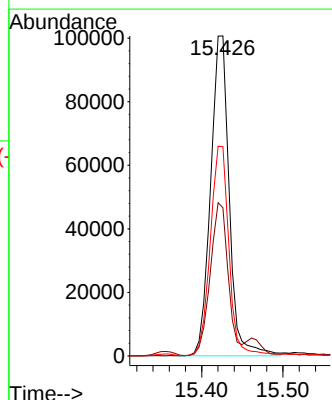
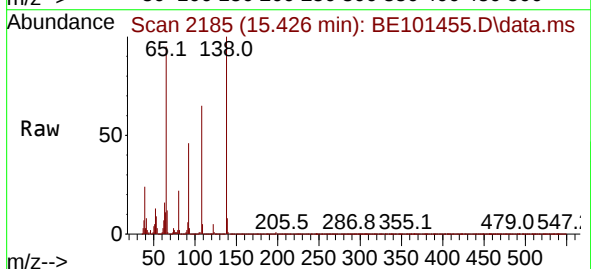
Instrument :
BNA_E
ClientSampleId :
PB164593BS

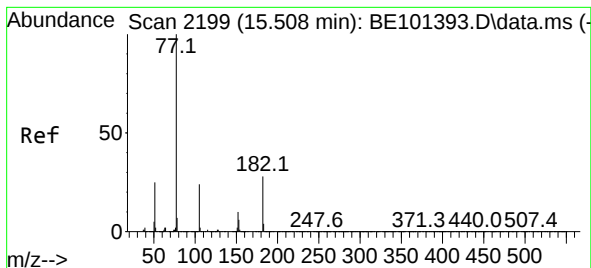
Tgt Ion:204 Resp: 342444
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 57.3 45.9 68.9



#62
4-Nitroaniline
Concen: 43.240 ng
RT: 15.426 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:138 Resp: 160219
Ion Ratio Lower Upper
138 100
92 46.3 28.7 68.7
108 65.4 46.5 86.5





#63

Azobenzene

Concen: 48.563 ng

RT: 15.508 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

Tgt Ion: 77 Resp: 633307

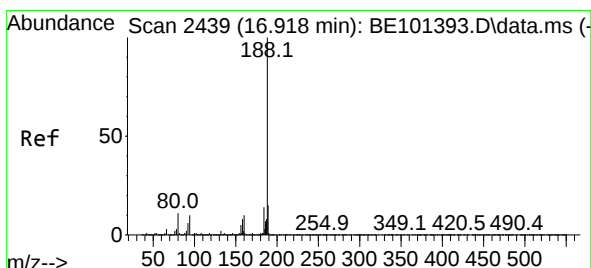
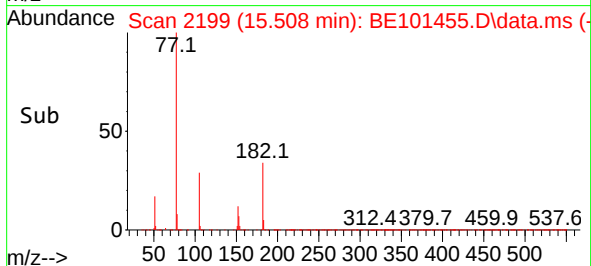
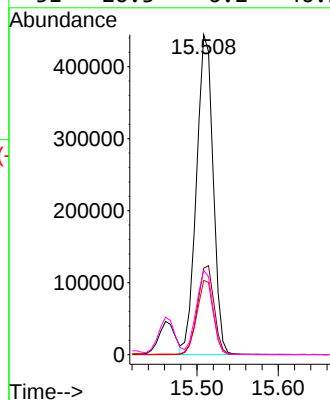
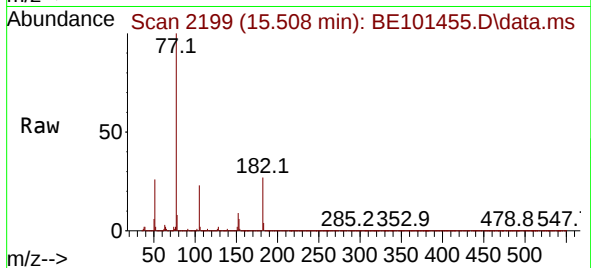
Ion Ratio Lower Upper

77 100

182 27.1 7.6 47.6

105 23.2 3.2 43.2

51 26.3 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: BE101455.D

Acq: 4 Nov 2024 14:04

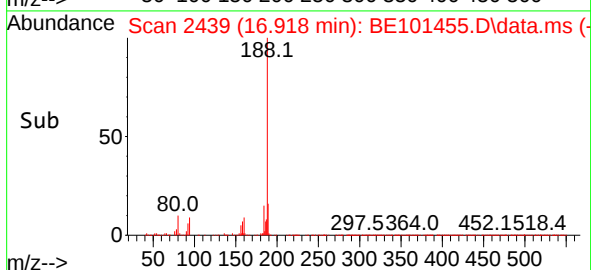
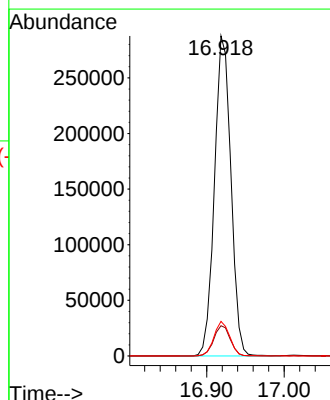
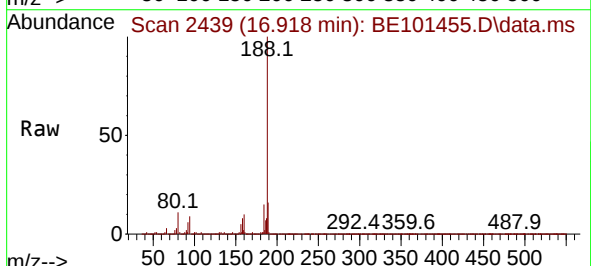
Tgt Ion:188 Resp: 423694

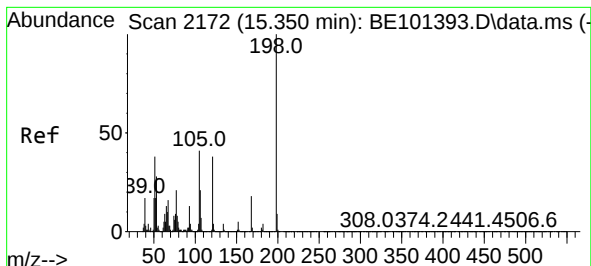
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.8

80 10.8 8.6 12.8

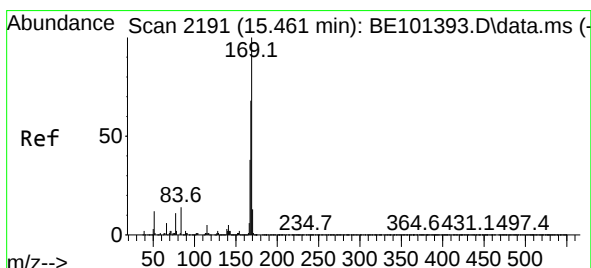
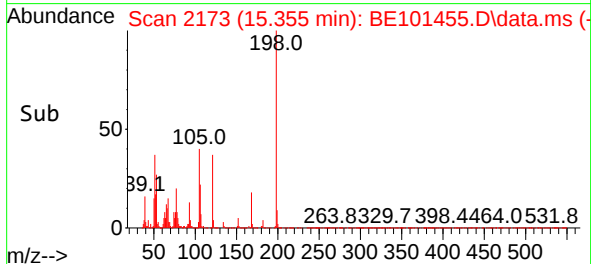
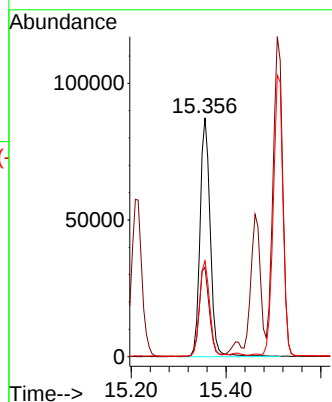
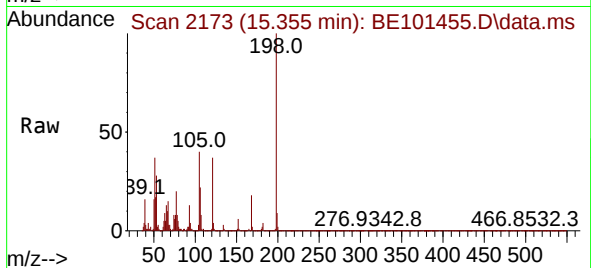




#65
4,6-Dinitro-2-methylphenol
Concen: 52.175 ng
RT: 15.355 min Scan# 2172
Delta R.T. 0.005 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

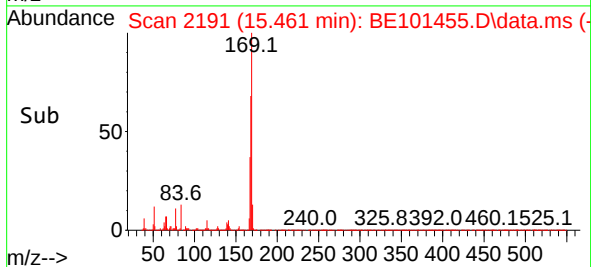
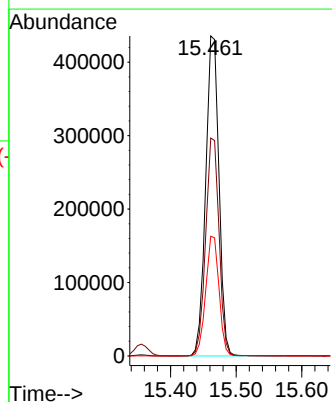
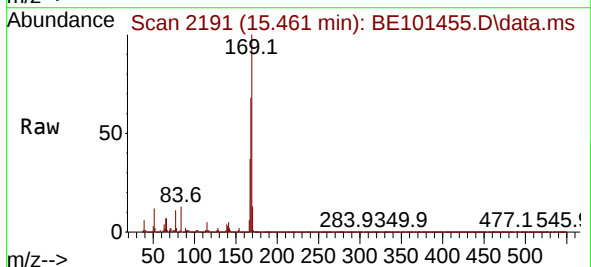
Instrument :
BNA_E
ClientSampleId :
PB164593BS

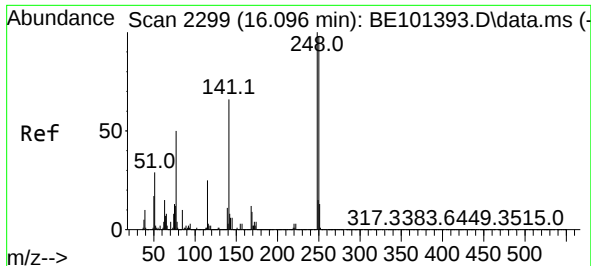
Tgt Ion:198 Resp: 129900
Ion Ratio Lower Upper
198 100
51 37.4 18.2 58.2
105 40.1 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 54.767 ng
RT: 15.461 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:169 Resp: 615362
Ion Ratio Lower Upper
169 100
168 68.1 54.5 81.7
167 37.4 30.4 45.6

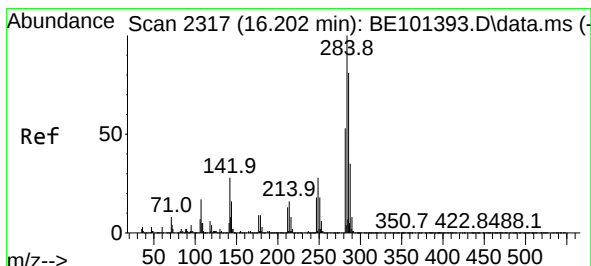
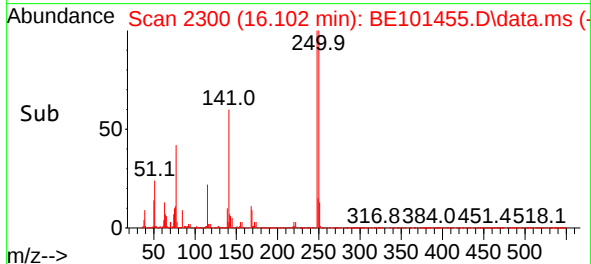
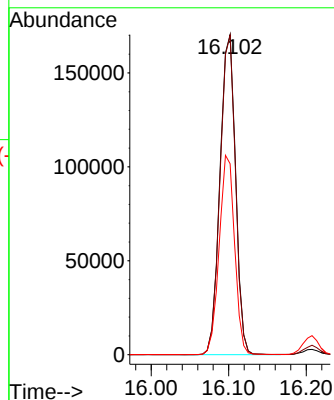
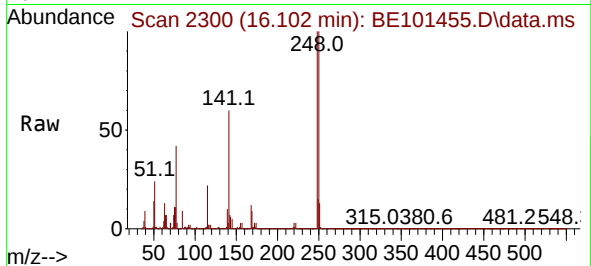




#67
4-Bromophenyl-phenylether
Concen: 53.381 ng
RT: 16.102 min Scan# 21
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

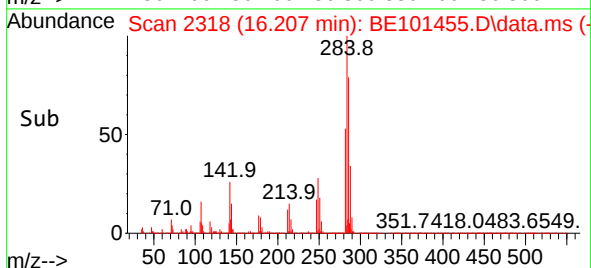
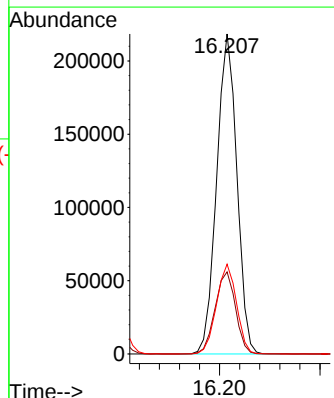
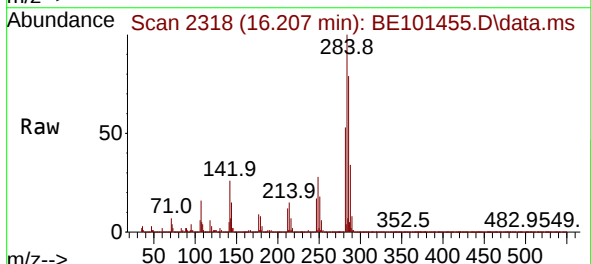
Instrument :
BNA_E
ClientSampleId :
PB164593BS

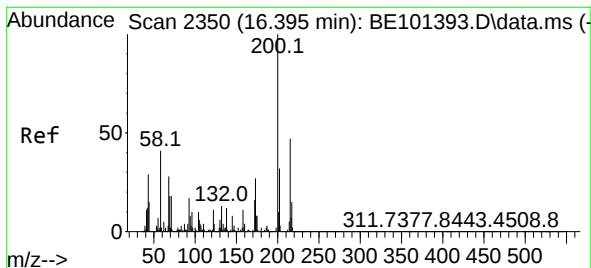
Tgt Ion:248 Resp: 237916
Ion Ratio Lower Upper
248 100
250 99.8 78.2 117.2
141 59.7 53.0 79.4



#68
Hexachlorobenzene
Concen: 52.043 ng
RT: 16.207 min Scan# 2318
Delta R.T. 0.005 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:284 Resp: 304031
Ion Ratio Lower Upper
284 100
142 25.6 22.2 33.2
249 28.1 22.8 34.2





#69

Atrazine

Concen: 63.929 ng

RT: 16.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

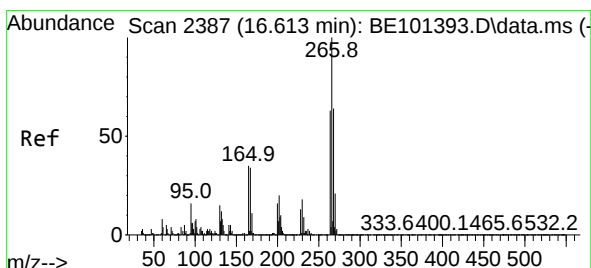
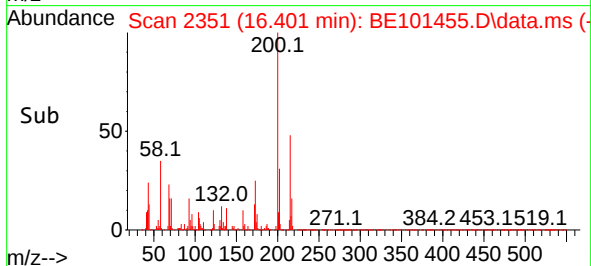
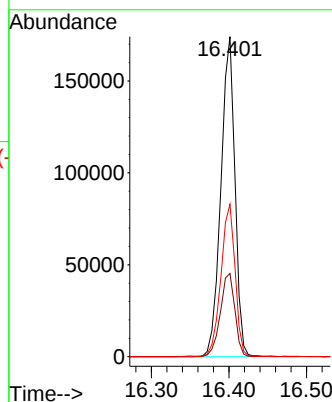
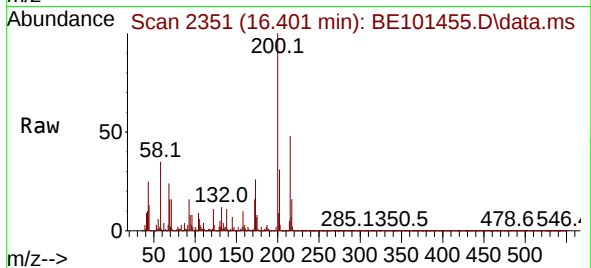
Tgt Ion:200 Resp: 220213

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

215 47.6 27.3 67.3



#70

Pentachlorophenol

Concen: 102.503 ng

RT: 16.619 min Scan# 2388

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

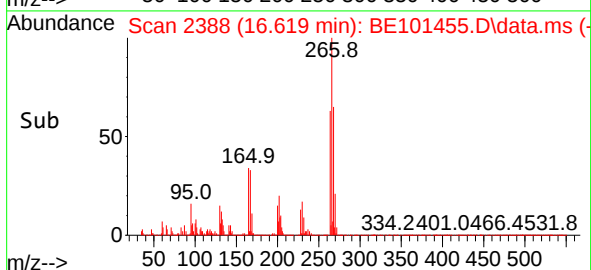
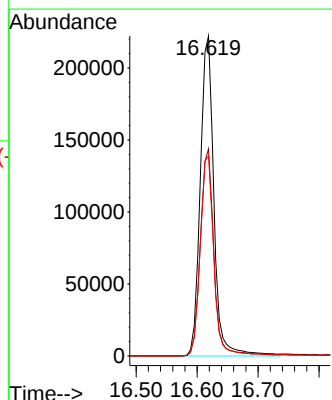
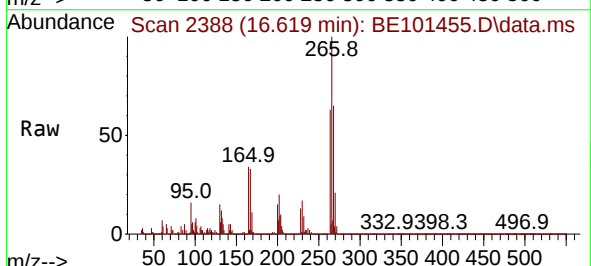
Tgt Ion:266 Resp: 344687

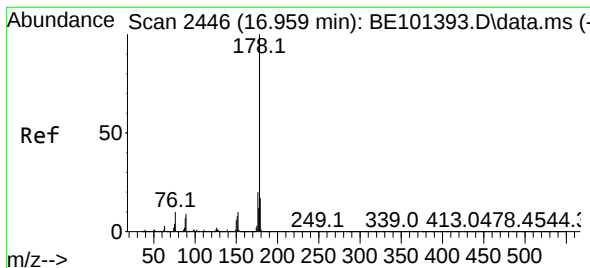
Ion Ratio Lower Upper

266 100

268 64.7 51.5 77.3

264 62.5 50.7 76.1





#71

Phenanthrene

Concen: 53.132 ng

RT: 16.959 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

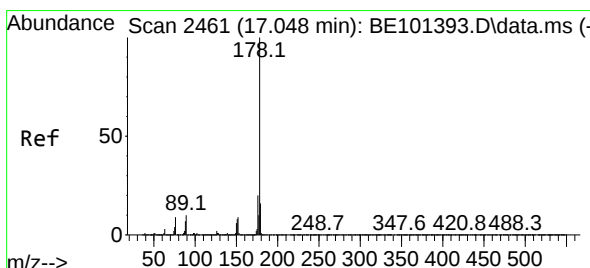
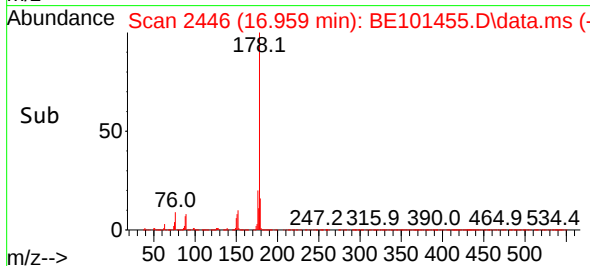
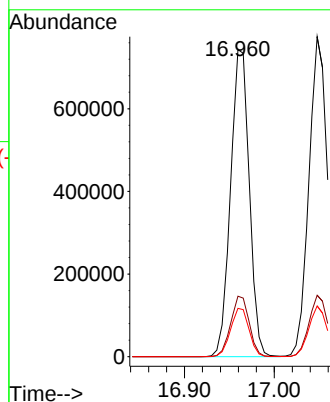
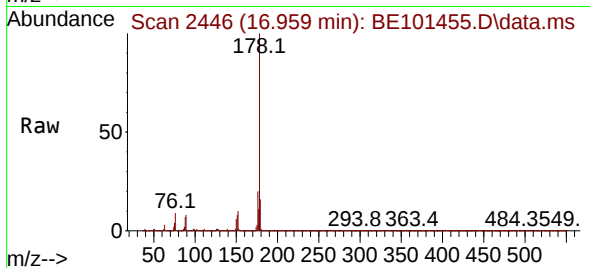
Tgt Ion:178 Resp: 1077835

Ion Ratio Lower Upper

178 100

176 19.7 16.4 24.6

179 15.8 13.2 19.8



#72

Anthracene

Concen: 56.294 ng

RT: 17.048 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

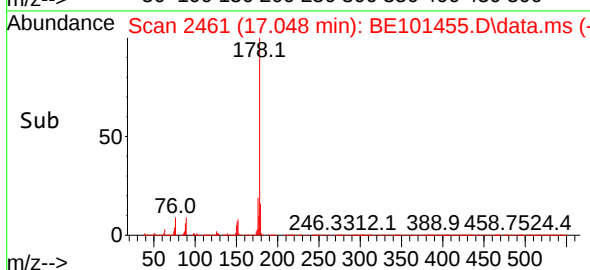
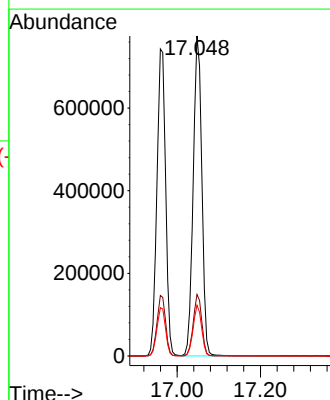
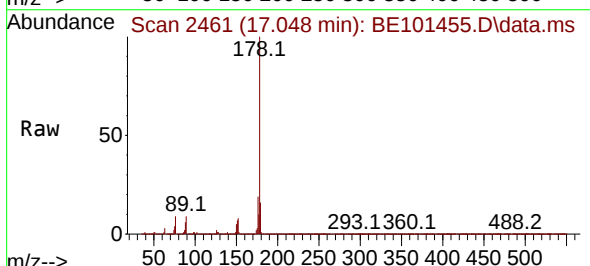
Tgt Ion:178 Resp: 1115084

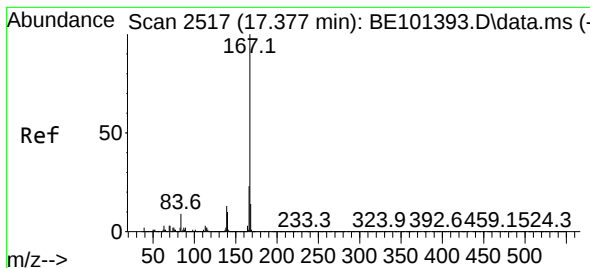
Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.8 13.1 19.7





#73

Carbazole

Concen: 50.825 ng

RT: 17.377 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

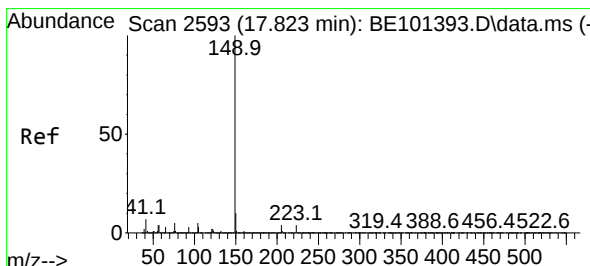
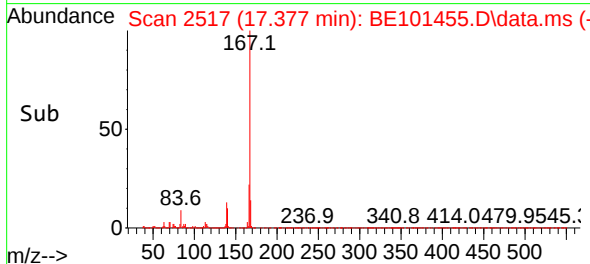
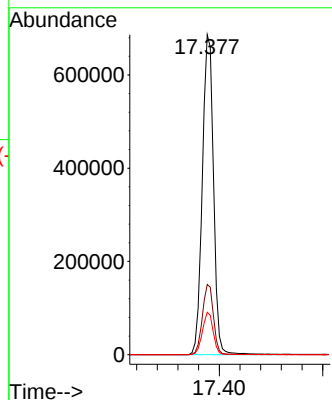
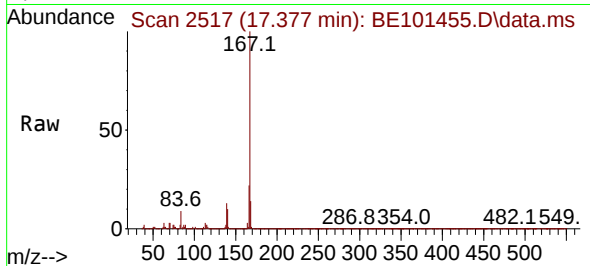
Tgt Ion:167 Resp: 1030100

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

139 13.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 54.644 ng

RT: 17.823 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

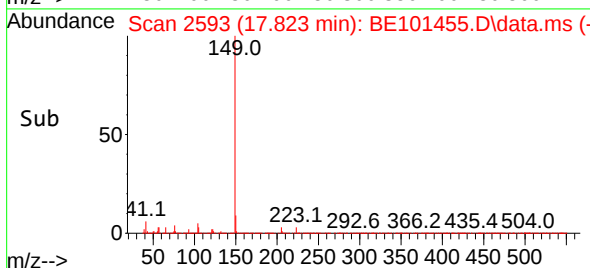
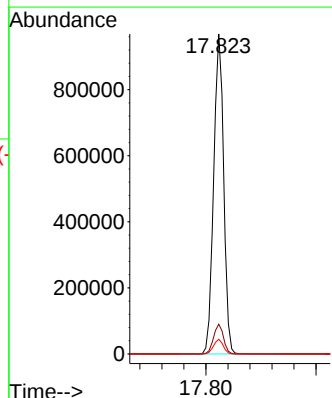
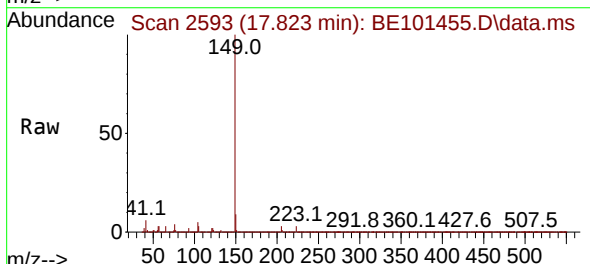
Tgt Ion:149 Resp: 1219240

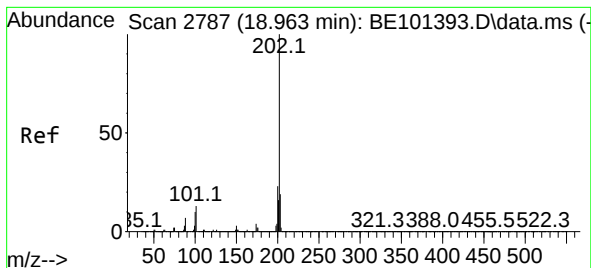
Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.4

104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 51.516 ng

RT: 18.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

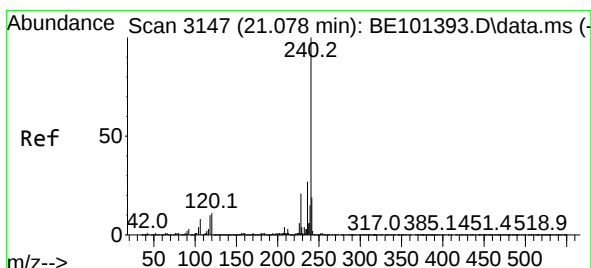
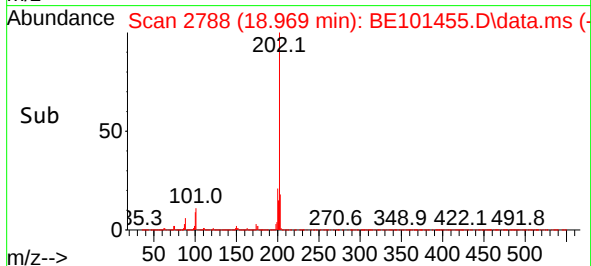
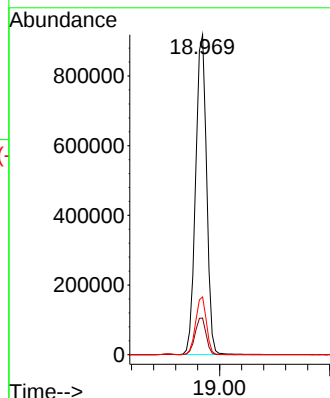
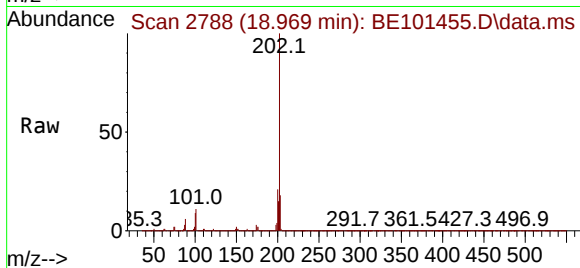
Tgt Ion:202 Resp: 1269285

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.3

203 18.1 0.0 39.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.084 min Scan# 3148

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

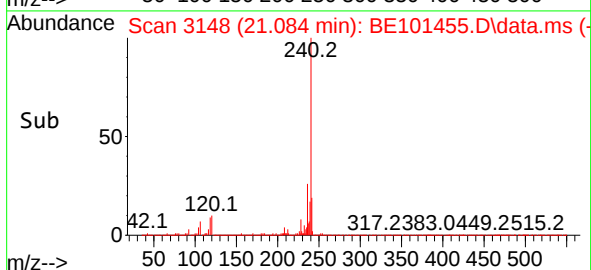
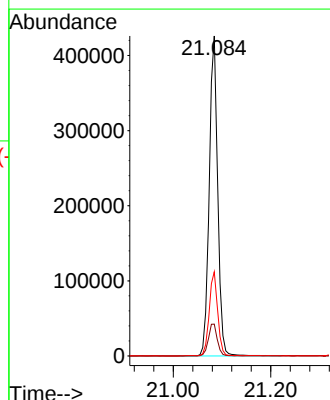
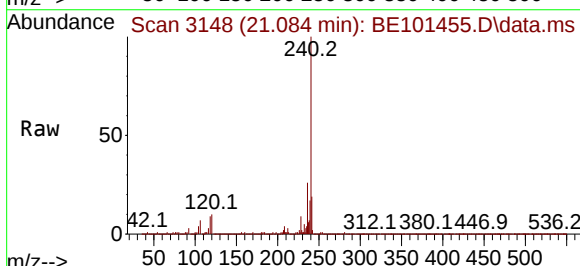
Tgt Ion:240 Resp: 509474

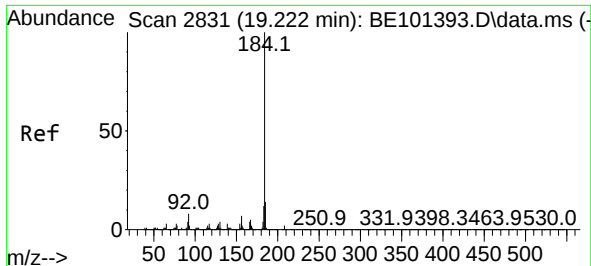
Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.4

236 26.3 21.4 32.0

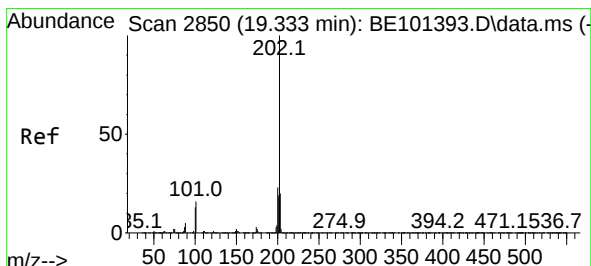
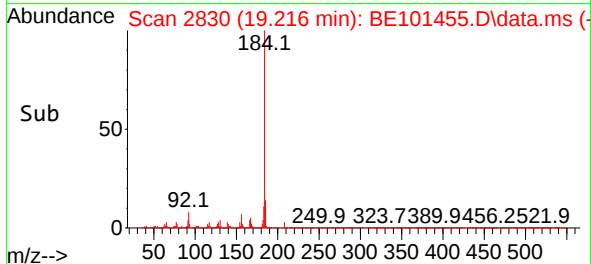
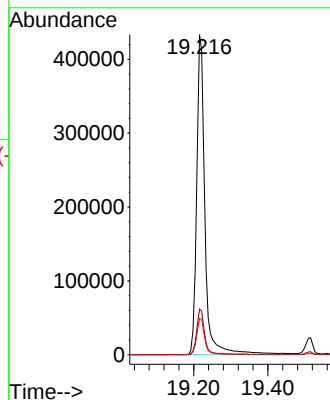
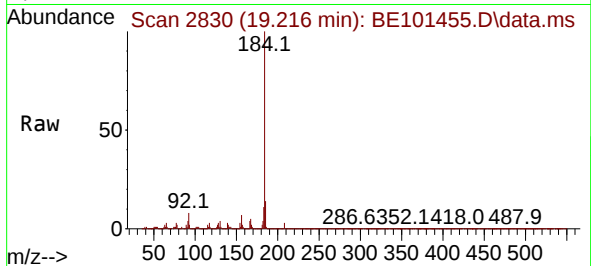




#77
Benzidine
Concen: 103.348 ng
RT: 19.216 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

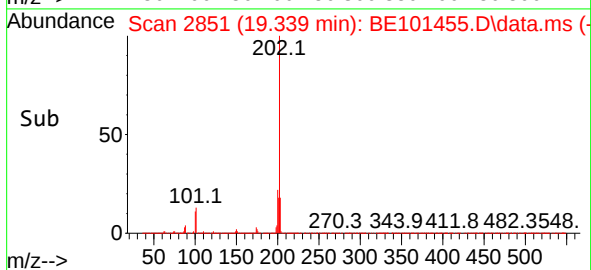
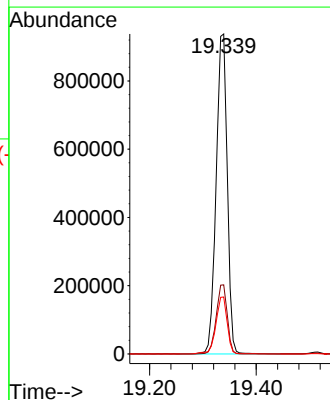
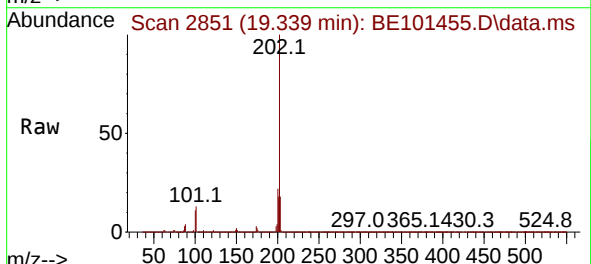
Instrument :
BNA_E
ClientSampleId :
PB164593BS

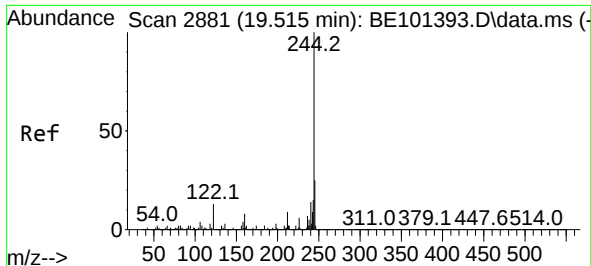
Tgt Ion:184 Resp: 668255
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.3 13.9



#78
Pyrene
Concen: 48.369 ng
RT: 19.339 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:202 Resp: 1355159
Ion Ratio Lower Upper
202 100
200 21.6 18.6 28.0
203 17.8 15.6 23.4





#79

Terphenyl-d14

Concen: 99.208 ng

RT: 19.515 min Scan# 2881

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

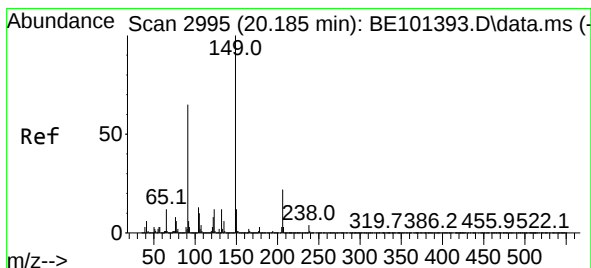
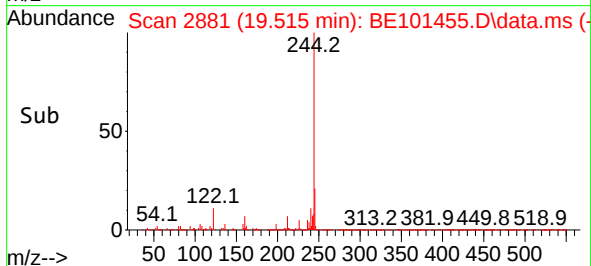
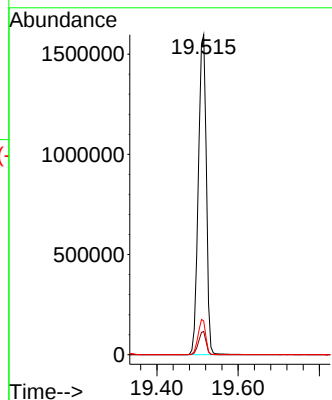
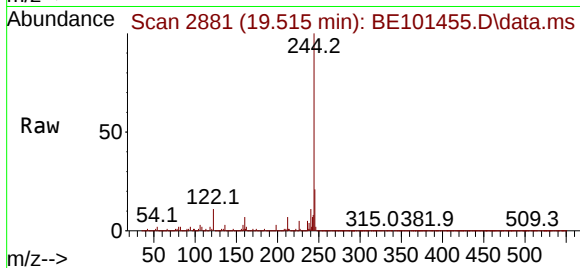
Tgt Ion:244 Resp: 2196084

Ion Ratio Lower Upper

244 100

212 7.3 7.2 10.8

122 10.5 10.4 15.6



#80

Butylbenzylphthalate

Concen: 51.399 ng

RT: 20.185 min Scan# 2995

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

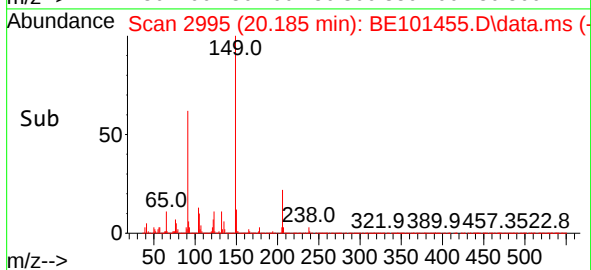
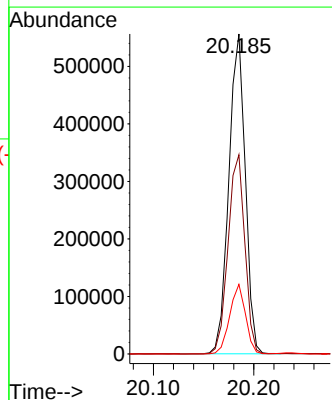
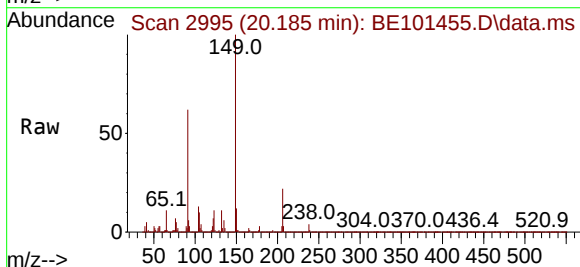
Tgt Ion:149 Resp: 631301

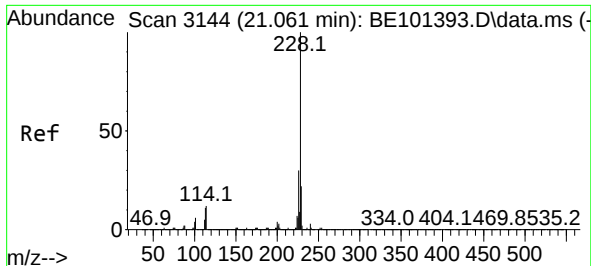
Ion Ratio Lower Upper

149 100

91 62.2 51.8 77.8

206 21.7 17.4 26.2

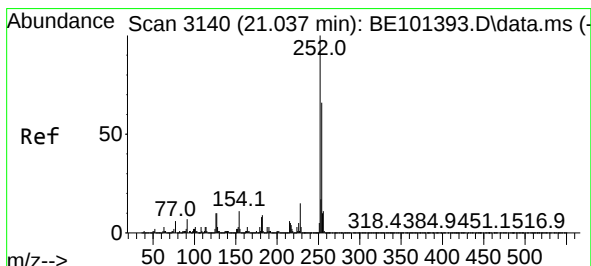
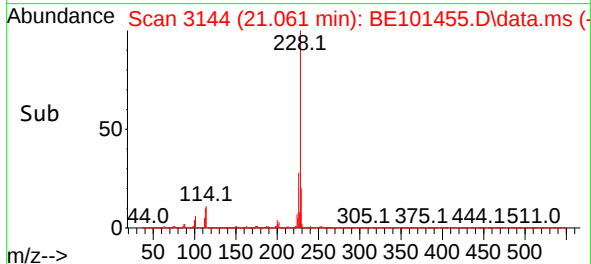
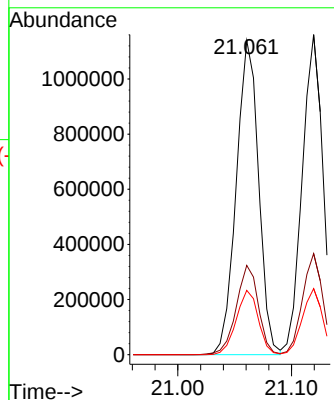
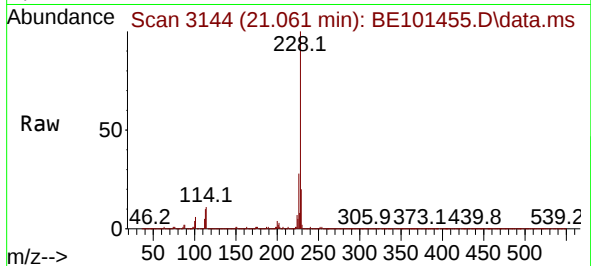




#81
Benzo(a)anthracene
Concen: 54.354 ng
RT: 21.061 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

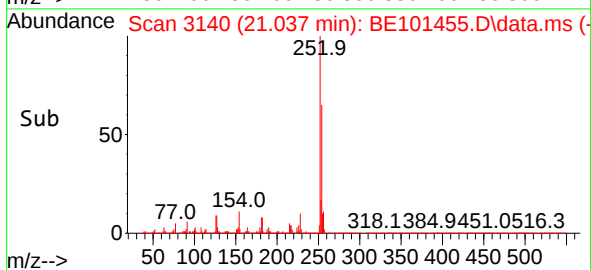
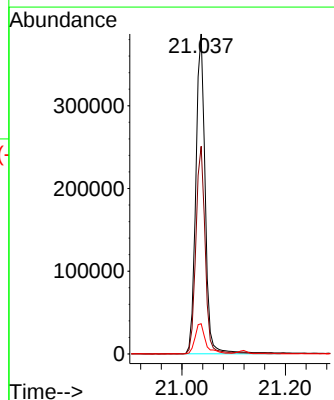
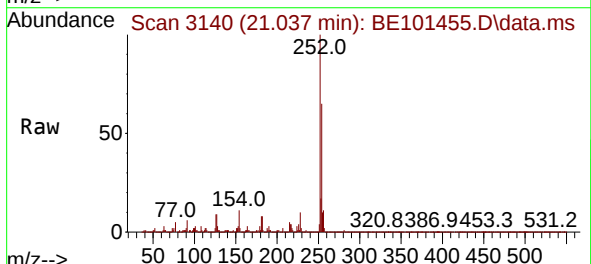
Instrument :
BNA_E
ClientSampleId :
PB164593BS

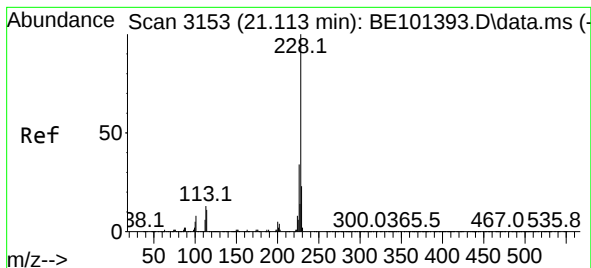
Tgt Ion:228 Resp: 1556464
Ion Ratio Lower Upper
228 100
226 28.4 24.1 36.1
229 20.5 17.3 25.9



#82
3,3'-Dichlorobenzidine
Concen: 43.373 ng
RT: 21.037 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:252 Resp: 486539
Ion Ratio Lower Upper
252 100
254 64.9 52.6 78.8
126 9.5 7.7 11.5





#83

Chrysene

Concen: 53.651 ng

RT: 21.119 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

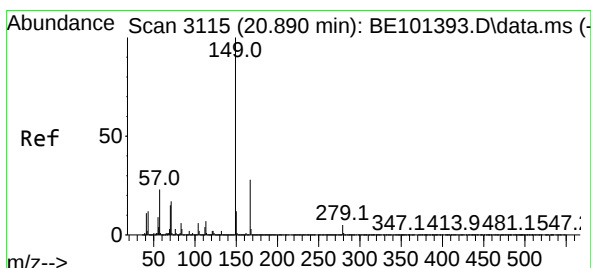
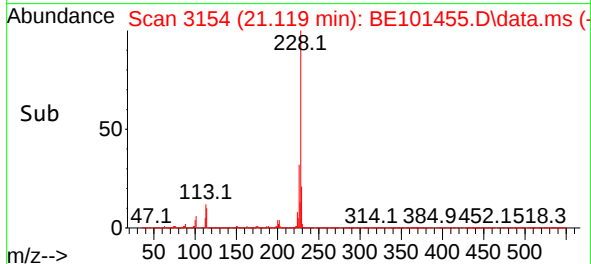
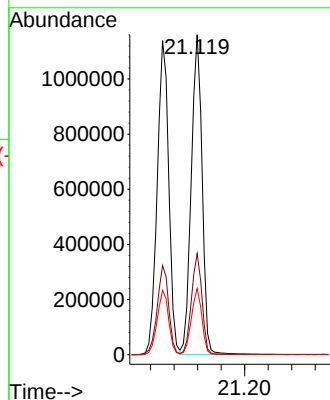
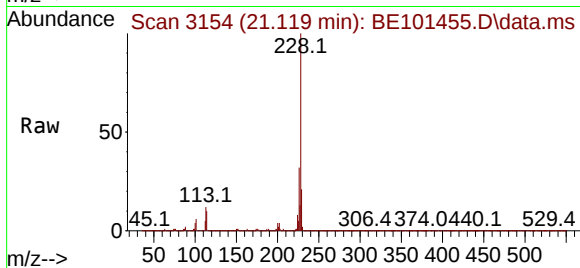
Tgt Ion:228 Resp: 1485431

Ion Ratio Lower Upper

228 100

226 31.6 27.2 40.8

229 20.7 18.0 27.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.972 ng

RT: 20.884 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

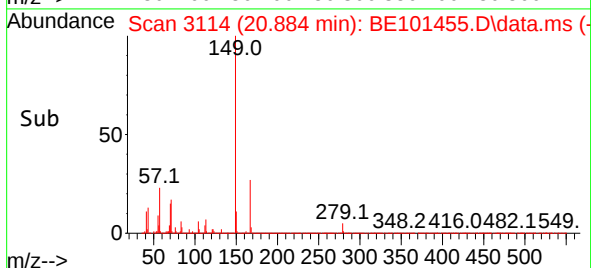
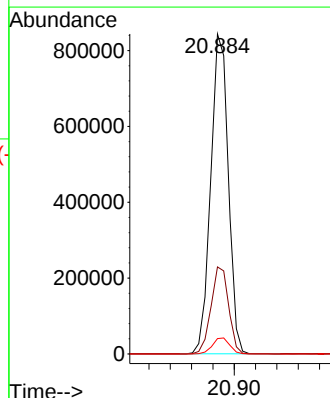
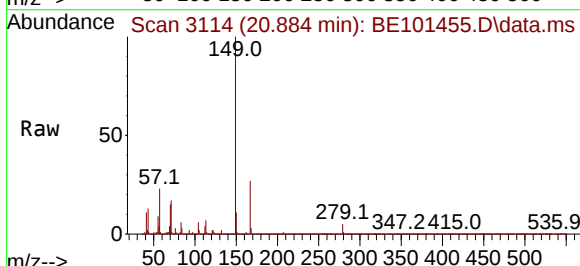
Tgt Ion:149 Resp: 962224

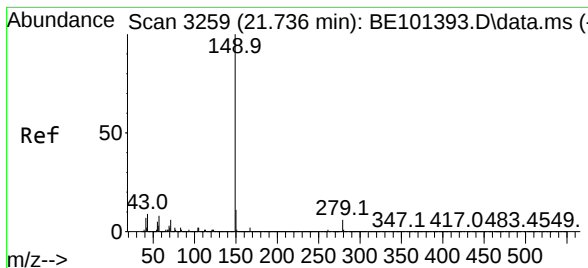
Ion Ratio Lower Upper

149 100

167 27.2 22.7 34.1

279 4.8 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 67.243 ng

RT: 21.736 min Scan# 31

Delta R.T. 0.000 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

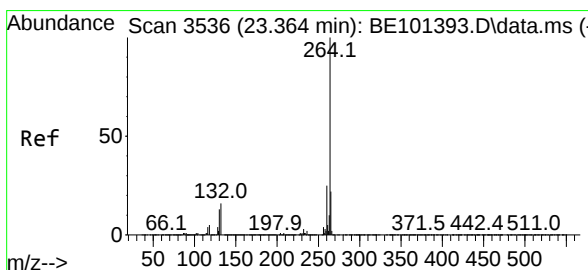
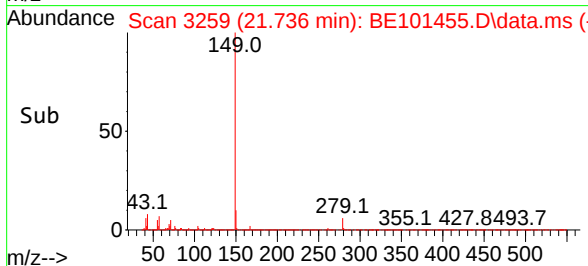
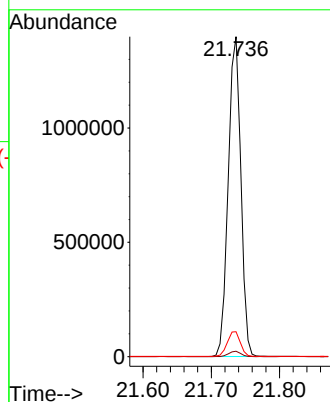
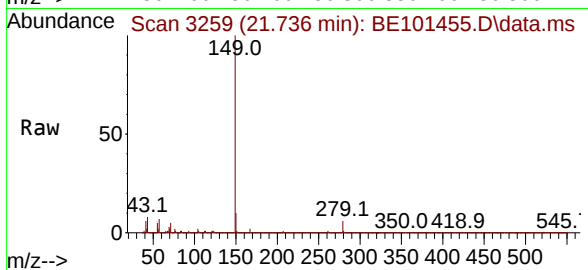
Tgt Ion:149 Resp: 1800783

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 8.1 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.375 min Scan# 3538

Delta R.T. 0.012 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

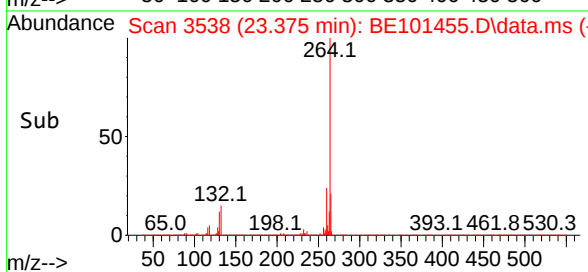
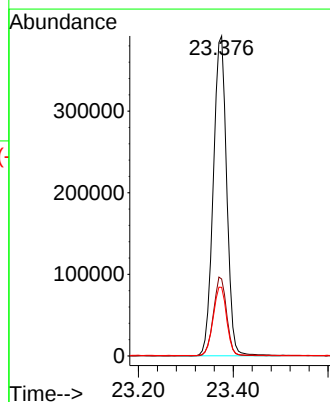
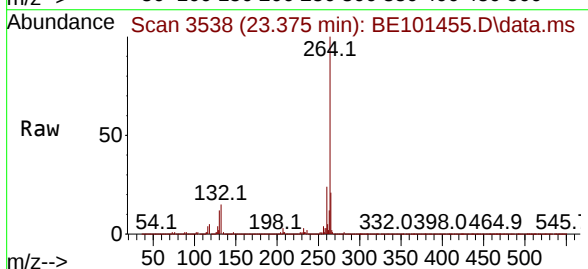
Tgt Ion:264 Resp: 767672

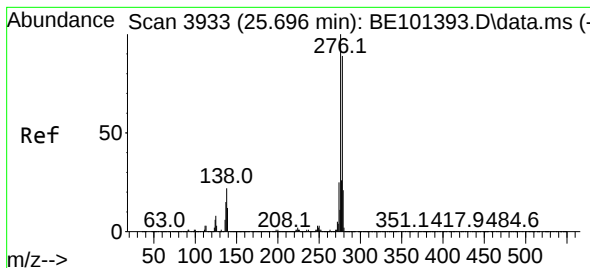
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.737 ng

RT: 25.720 min Scan# 3937

Delta R.T. 0.024 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

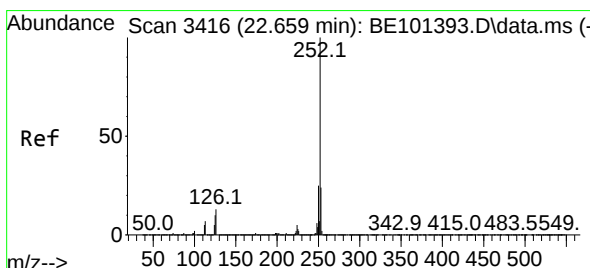
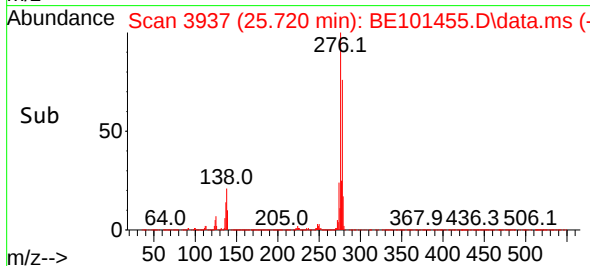
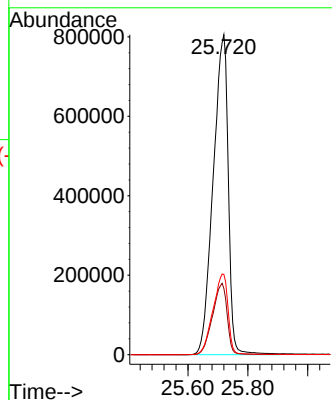
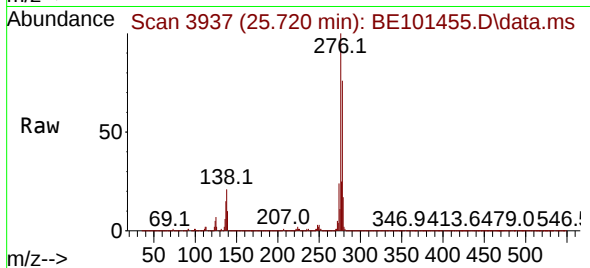
Tgt Ion:276 Resp: 2812176

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.8

277 25.3 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 51.133 ng

RT: 22.665 min Scan# 3417

Delta R.T. 0.006 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

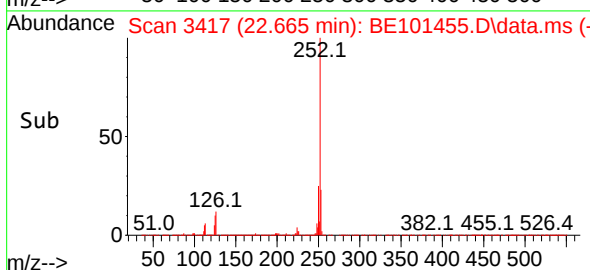
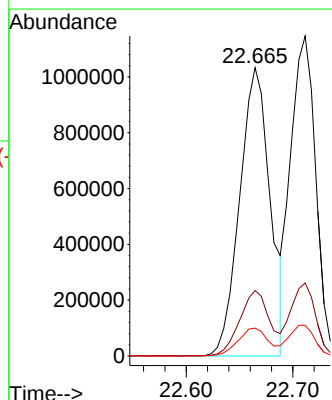
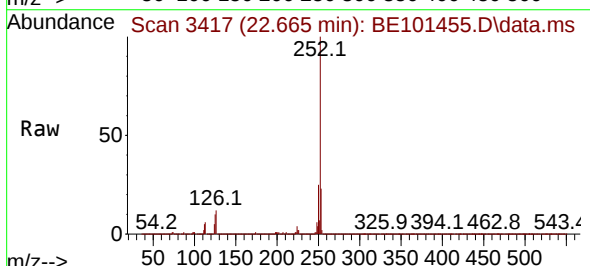
Tgt Ion:252 Resp: 2045650

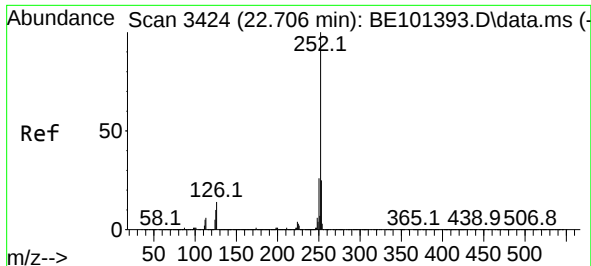
Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.6

125 9.7 8.2 12.2

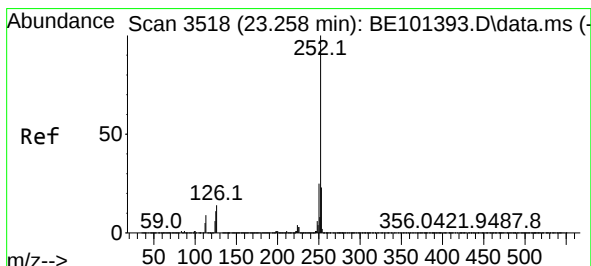
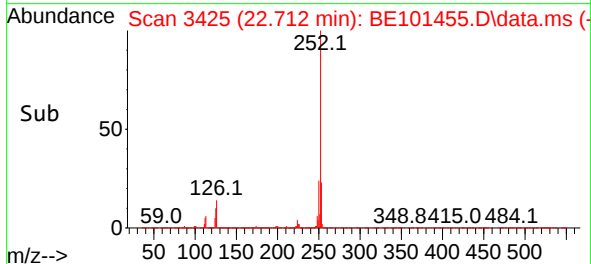
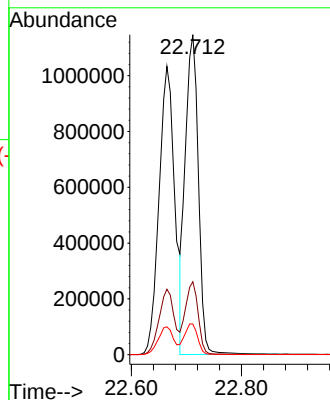
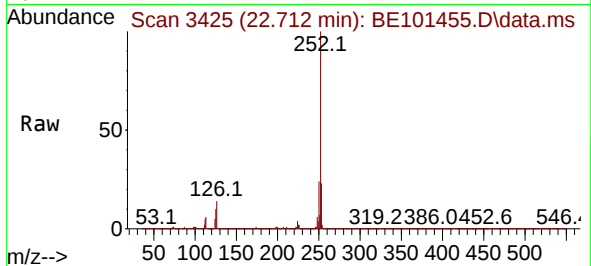




#89
Benzo(k)fluoranthene
Concen: 50.512 ng
RT: 22.712 min Scan# 34
Delta R.T. 0.006 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

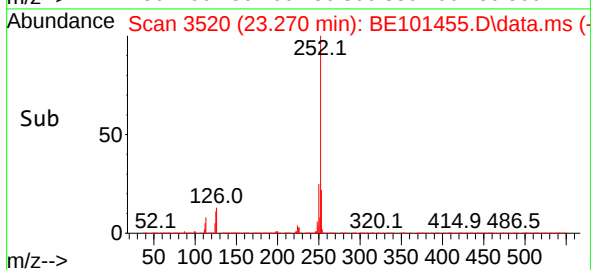
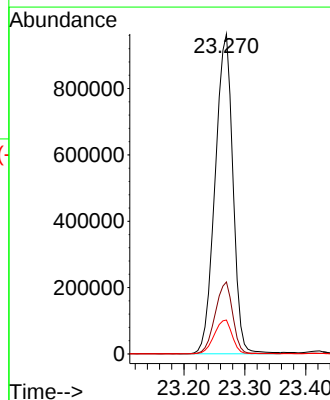
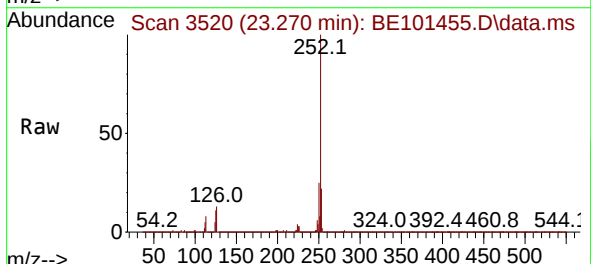
Instrument :
BNA_E
ClientSampleId :
PB164593BS

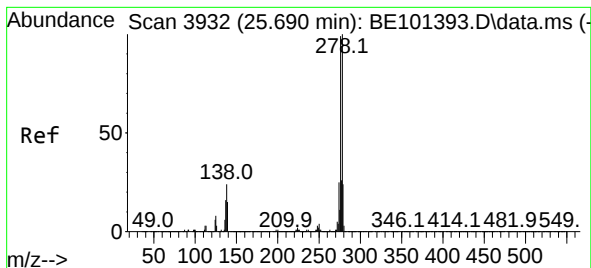
Tgt Ion:252 Resp: 1887959
Ion Ratio Lower Upper
252 100
253 22.8 19.4 29.2
125 9.6 8.2 12.2



#90
Benzo(a)pyrene
Concen: 55.809 ng
RT: 23.270 min Scan# 3520
Delta R.T. 0.012 min
Lab File: BE101455.D
Acq: 4 Nov 2024 14:04

Tgt Ion:252 Resp: 1952639
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 10.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 54.435 ng

RT: 25.708 min Scan# 3932

Delta R.T. 0.018 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Instrument :

BNA_E

ClientSampleId :

PB164593BS

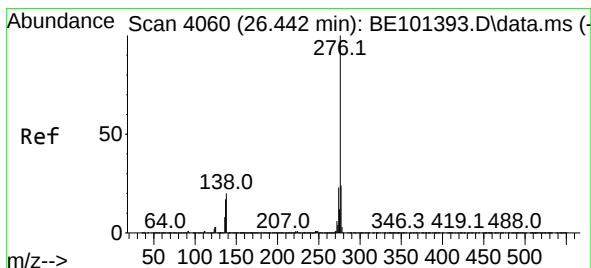
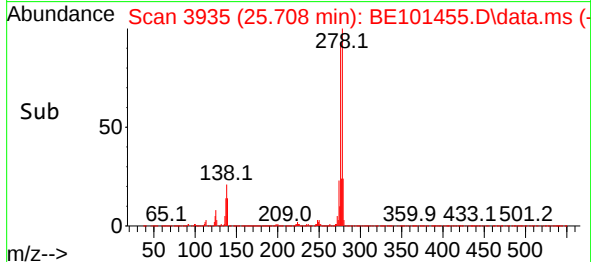
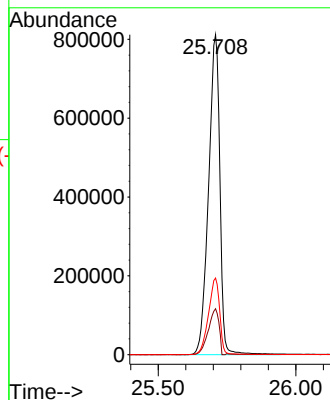
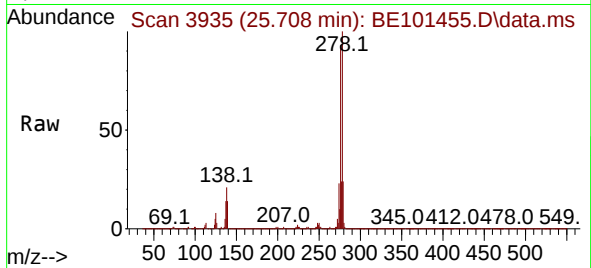
Tgt Ion:278 Resp: 2310859

Ion Ratio Lower Upper

278 100

139 14.4 11.9 17.9

279 24.0 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 49.662 ng

RT: 26.466 min Scan# 4064

Delta R.T. 0.024 min

Lab File: BE101455.D

Acq: 4 Nov 2024 14:04

Tgt Ion:276 Resp: 2172231

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 18.7 15.8 23.6

