

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101506.D
 Acq On : 6 Nov 2024 21:40
 Operator : RC/JU
 Sample : PB164561BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164561BS

Quant Time: Nov 07 01:05:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	49257	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	217361	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	139774	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	295636	20.000	ng	0.00
76) Chrysene-d12	21.072	240	377795	20.000	ng	0.00
86) Perylene-d12	23.352	264	554255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	410176	147.241	ng	0.00
7) Phenol-d6	6.942	99	518526	135.758	ng	0.00
23) Nitrobenzene-d5	8.769	82	313107	90.989	ng	0.00
42) 2,4,6-Tribromophenol	15.679	330	345435	131.338	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	832853	97.292	ng	0.00
79) Terphenyl-d14	19.504	244	1607581	94.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	40678	39.238	ng	98
3) Pyridine	3.622	79	108254	37.338	ng	98
4) n-Nitrosodimethylamine	3.540	42	54723	47.664	ng	93
6) Aniline	6.995	93	176058	61.415	ng	100
8) 2-Chlorophenol	7.206	128	161165	48.832	ng	99
9) Benzaldehyde	6.771	77	18288	9.789	ng	99
10) Phenol	6.965	94	205950	49.537	ng	99
11) bis(2-Chloroethyl)ether	6.995	93	176058	51.154	ng	# 32
12) 1,3-Dichlorobenzene	7.447	146	160480	44.539	ng	99
13) 1,4-Dichlorobenzene	7.594	146	164351	45.034	ng	99
14) 1,2-Dichlorobenzene	7.923	146	159878	44.629	ng	99
15) Benzyl Alcohol	7.900	79	100608	45.093	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.058	45	195001	47.864	ng	98
17) 2-Methylphenol	8.146	107	127550	47.387	ng	99
18) Hexachloroethane	8.616	117	55317	44.883	ng	97
19) n-Nitroso-di-n-propyla...	8.364	70	111488	44.269	ng	99
20) 3+4-Methylphenols	8.487	107	176230	47.219	ng	99
22) Acetophenone	8.411	105	222690	45.239	ng	99
24) Nitrobenzene	8.810	77	160477	44.836	ng	96
25) Isophorone	9.263	82	300963	44.941	ng	98
26) 2-Nitrophenol	9.498	139	89131	46.794	ng	99
27) 2,4-Dimethylphenol	9.615	122	130938	59.411	ng	96
28) bis(2-Chloroethoxy)met...	9.762	93	189594	46.250	ng	99
29) 2,4-Dichlorophenol	10.056	162	151325	48.367	ng	98
30) 1,2,4-Trichlorobenzene	10.173	180	151558	43.393	ng	99
31) Naphthalene	10.379	128	494068	45.025	ng	99
32) Benzoic acid	9.880	122	58370	31.143	ng	94
33) 4-Chloroaniline	10.602	127	123922	32.114	ng	99
34) Hexachlorobutadiene	10.626	225	95083	44.169	ng	98
35) Caprolactam	11.378	113	16707	14.542	ng	99
36) 4-Chloro-3-methylphenol	11.783	107	150154	43.949	ng	98
37) 2-Methylnaphthalene	11.965	142	351183	45.059	ng	99
38) 1-Methylnaphthalene	12.195	142	328634	42.281	ng	100
40) 1,2,4,5-Tetrachloroben...	12.324	216	176900	48.004	ng	98
41) Hexachlorocyclopentadiene	12.306	237	231235	215.026	ng	100
43) 2,4,6-Trichlorophenol	12.647	196	124981	49.384	ng	99

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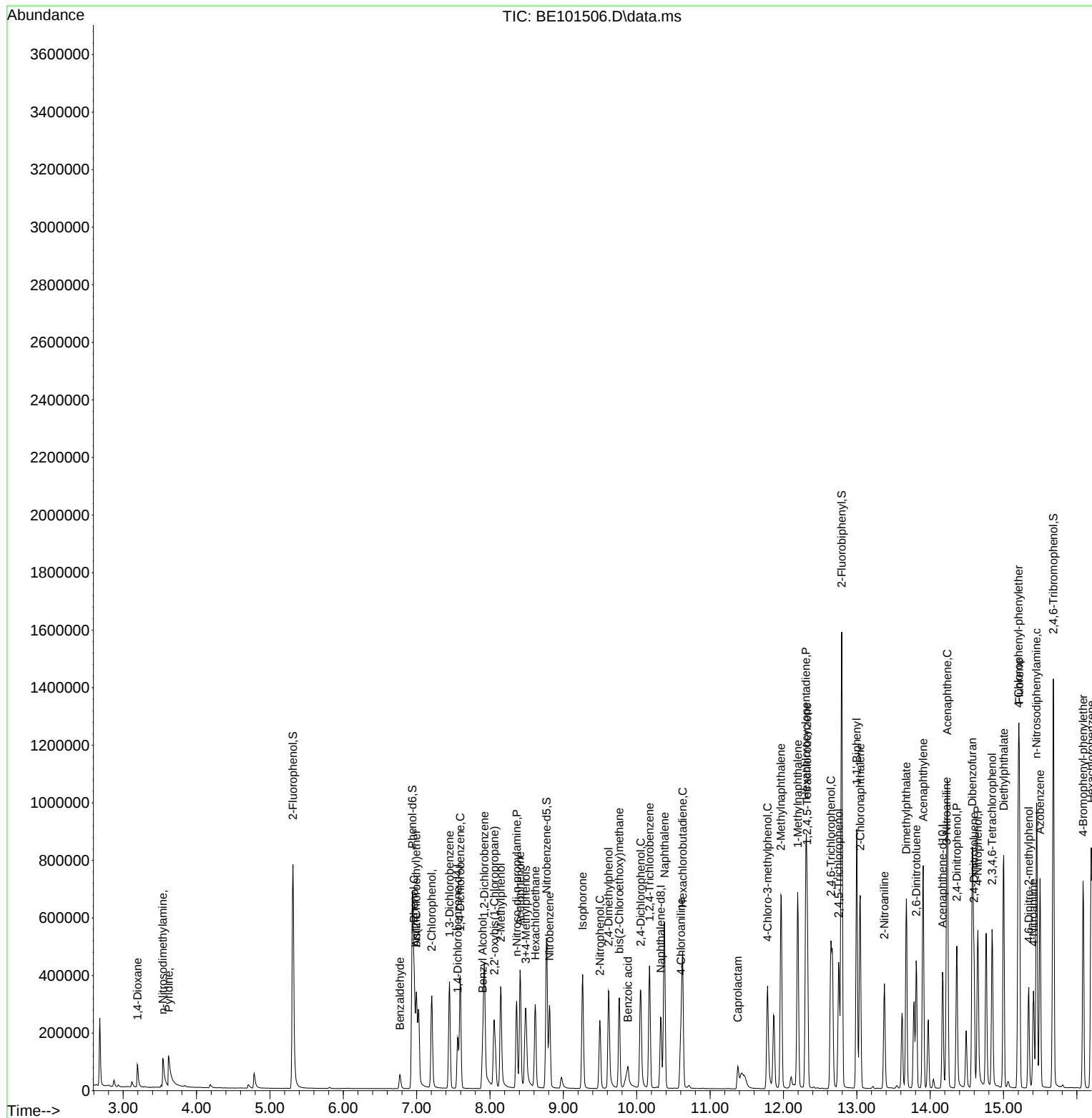
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.753	196	133958	47.511	ng	98
46) 1,1'-Biphenyl	12.999	154	459003	47.607	ng	99
47) 2-Chloronaphthalene	13.046	162	353788	46.524	ng	100
48) 2-Nitroaniline	13.375	65	96482	47.931	ng	99
49) Acenaphthylene	13.904	152	567148	50.047	ng	100
50) Dimethylphthalate	13.675	163	459000	46.115	ng	100
51) 2,6-Dinitrotoluene	13.810	165	100455	43.728	ng	100
52) Acenaphthene	14.233	154	344156	47.591	ng	99
53) 3-Nitroaniline	14.222	138	79184	35.505	ng	99
54) 2,4-Dinitrophenol	14.363	184	129071	95.875	ng	97
55) Dibenzofuran	14.574	168	547550	47.020	ng	99
56) 4-Nitrophenol	14.650	139	179973	97.727	ng	96
57) 2,4-Dinitrotoluene	14.598	165	141896	43.966	ng	99
58) Fluorene	15.214	166	447800	46.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.844	232	121841	46.701	ng	100
60) Diethylphthalate	15.003	149	471776	44.954	ng	99
61) 4-Chlorophenyl-phenyle...	15.203	204	224496	45.490	ng	98
62) 4-Nitroaniline	15.408	138	106340	44.257	ng	99
63) Azobenzene	15.497	77	403281	47.102	ng	98
65) 4,6-Dinitro-2-methylph...	15.344	198	87380	49.792	ng	100
66) n-Nitrosodiphenylamine	15.450	169	397140	50.619	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	154597	47.413	ng	98
68) Hexachlorobenzene	16.196	284	201283	46.905	ng	99
69) Atrazine	16.384	200	136688	59.011	ng	99
70) Pentachlorophenol	16.607	266	228991	98.347	ng	99
71) Phenanthrene	16.948	178	709781	49.363	ng	99
72) Anthracene	17.036	178	733097	51.628	ng	99
73) Carbazole	17.365	167	685944	48.171	ng	99
74) Di-n-butylphthalate	17.811	149	842813	47.928	ng	100
75) Fluoranthene	18.957	202	883304	47.913	ng	99
77) Benzidine	19.210	184	596895	73.551	ng	99
78) Pyrene	19.321	202	950311	44.209	ng	99
80) Butylbenzylphthalate	20.173	149	436738	45.210	ng	98
81) Benzo(a)anthracene	21.049	228	1122873	50.045	ng	99
82) 3,3'-Dichlorobenzidine	21.025	252	434178	49.157	ng	98
83) Chrysene	21.108	228	1065318	49.952	ng	99
84) Bis(2-ethylhexyl)phtha...	20.873	149	671890	46.004	ng	100
85) Di-n-octyl phthalate	21.719	149	1240398	50.202	ng	99
87) Indeno(1,2,3-cd)pyrene	25.685	276	1978830	51.954	ng	100
88) Benzo(b)fluoranthene	22.647	252	1438078	47.292	ng	99
89) Benzo(k)fluoranthene	22.694	252	1325836	48.030	ng	99
90) Benzo(a)pyrene	23.246	252	1361893	51.876	ng	99
91) Dibenzo(a,h)anthracene	25.679	278	1637193	51.613	ng	100
92) Benzo(g,h,i)perylene	26.431	276	1505833	46.726	ng	98

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

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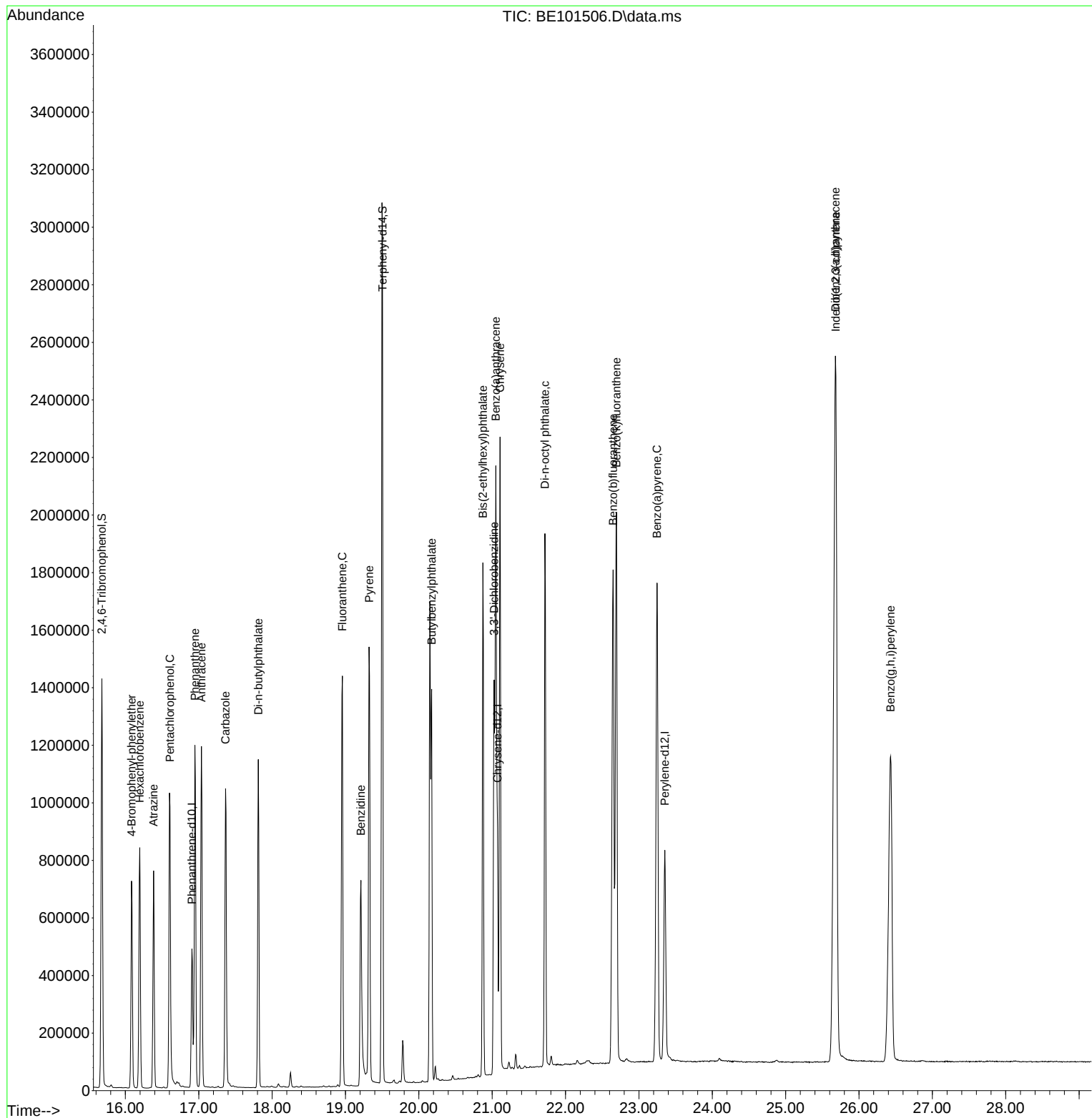
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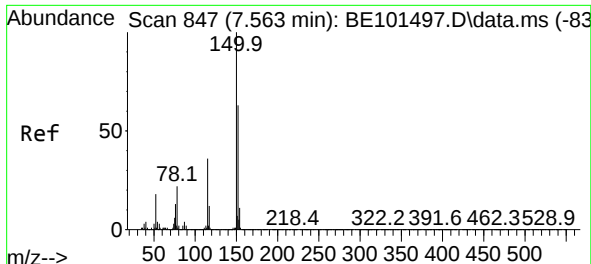


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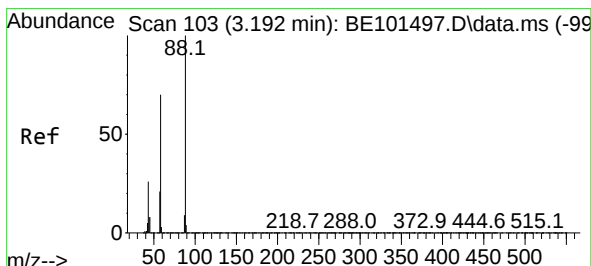
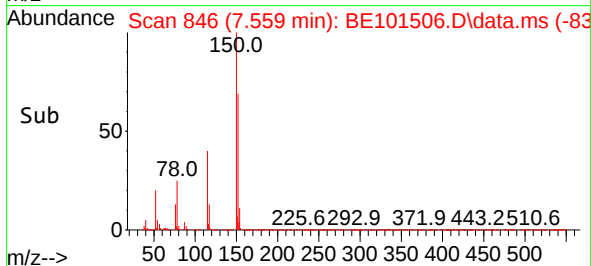
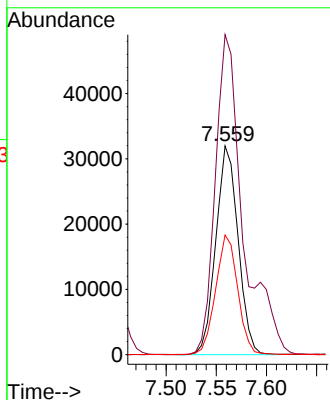
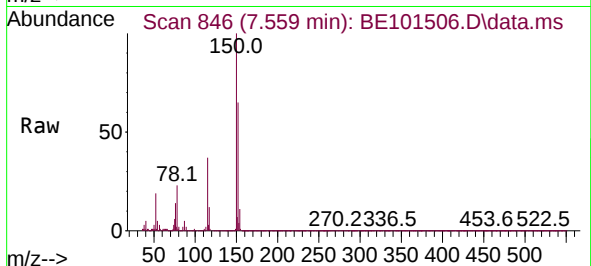




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 84
Delta R.T. -0.004 min
Lab File: BE101506.D
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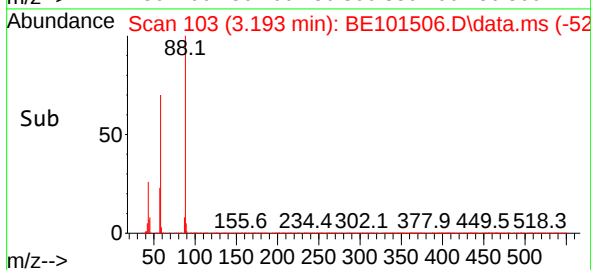
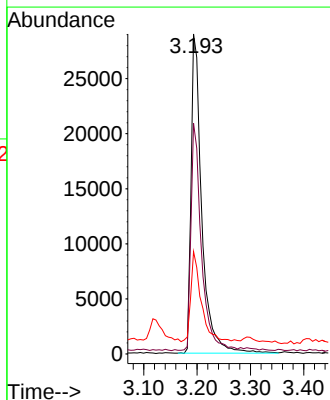
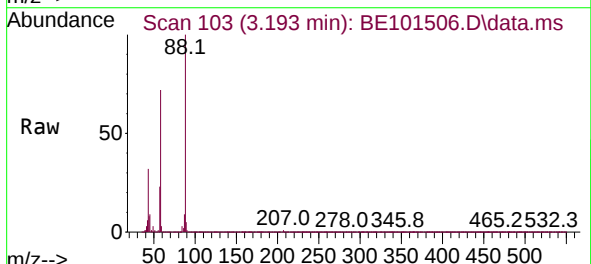
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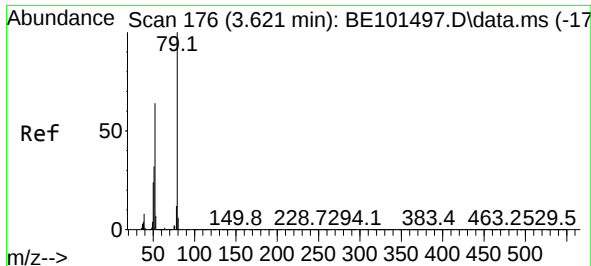
Tgt Ion:152 Resp: 49257
Ion Ratio Lower Upper
152 100
150 153.3 126.3 189.5
115 57.3 45.0 67.4



#2
1,4-Dioxane
Concen: 39.238 ng
RT: 3.193 min Scan# 103
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion: 88 Resp: 40678
Ion Ratio Lower Upper
88 100
58 68.7 56.5 84.7
43 27.6 20.8 31.2

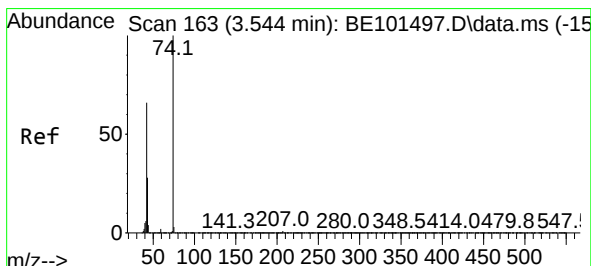
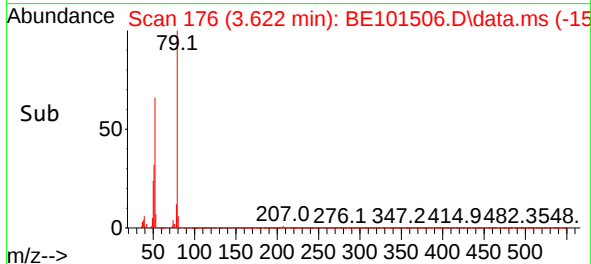
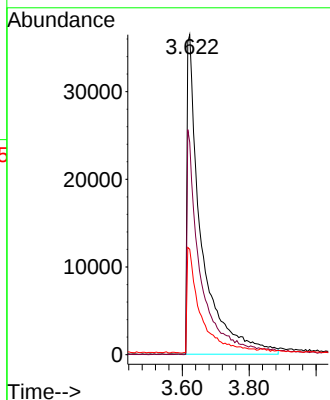
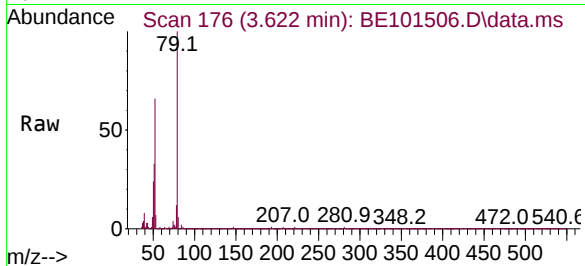




#3
Pyridine
Concen: 37.338 ng
RT: 3.622 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

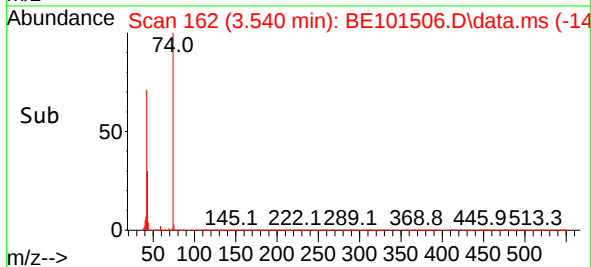
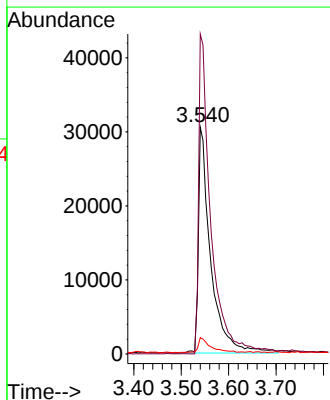
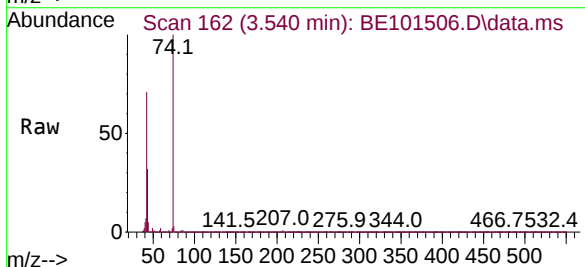
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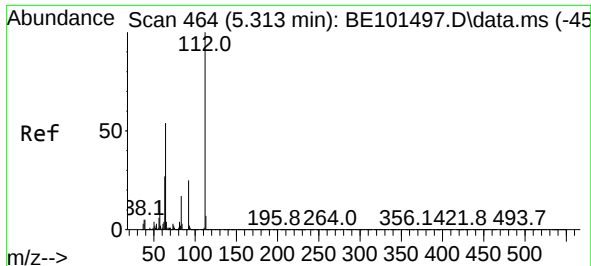
Tgt Ion: 79 Resp: 108254
Ion Ratio Lower Upper
79 100
52 66.4 51.1 76.7
51 33.0 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 47.664 ng
RT: 3.540 min Scan# 162
Delta R.T. -0.004 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion: 42 Resp: 54723
Ion Ratio Lower Upper
42 100
74 141.2 120.1 180.1
44 7.2 5.8 8.6

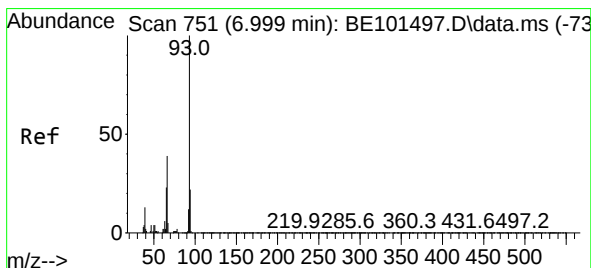
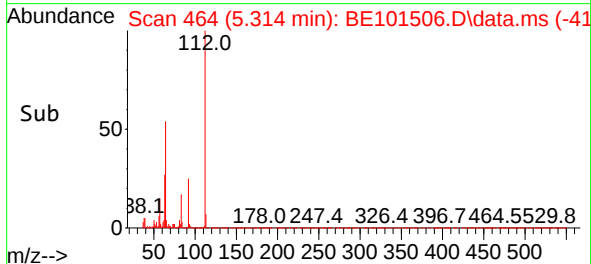
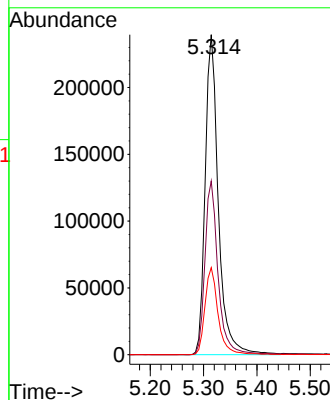
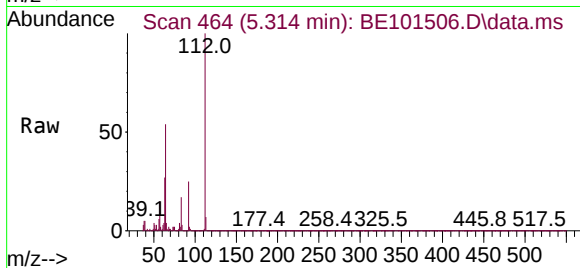




#5
2-Fluorophenol
Concen: 147.241 ng
RT: 5.314 min Scan# 41
Delta R.T. 0.001 min
Lab File: BE101506.D
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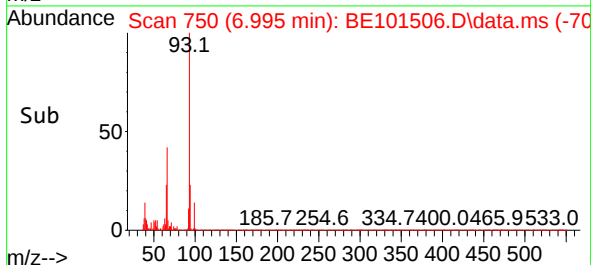
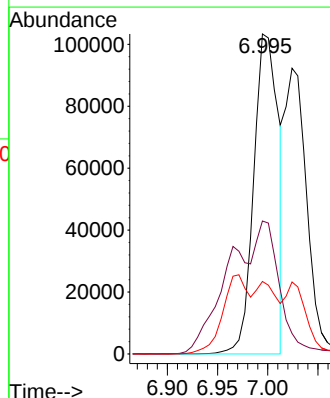
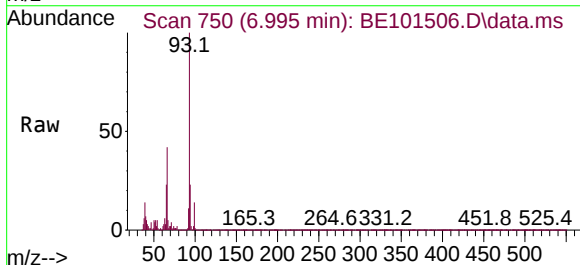
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Tgt Ion:112 Resp: 410176
Ion Ratio Lower Upper
112 100
64 54.3 43.2 64.8
63 27.2 21.8 32.6



#6
Aniline
Concen: 61.415 ng
RT: 6.995 min Scan# 750
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion: 93 Resp: 176058
Ion Ratio Lower Upper
93 100
66 41.6 33.4 50.0
65 22.7 18.5 27.7

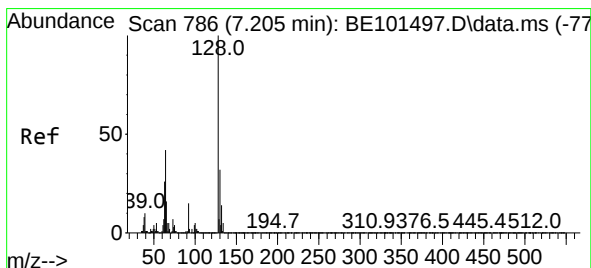
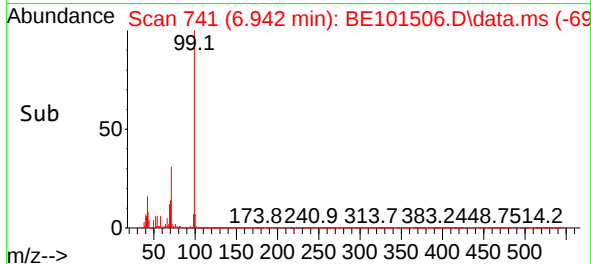
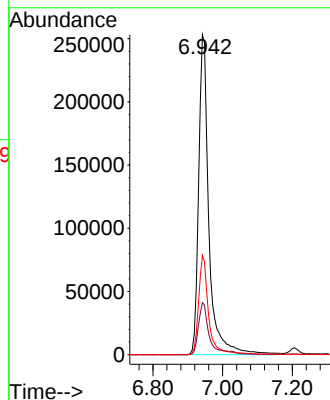
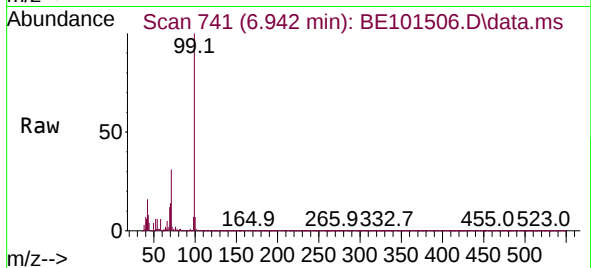




#7
Phenol-d6
Concen: 135.758 ng
RT: 6.942 min Scan# 742
Delta R.T. -0.005 min
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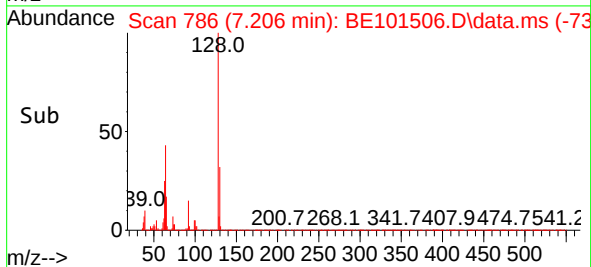
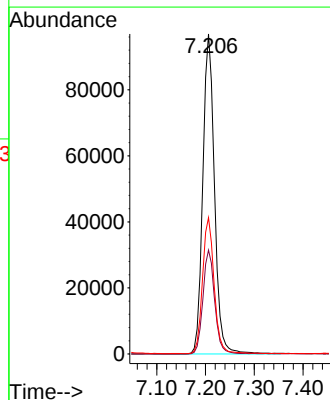
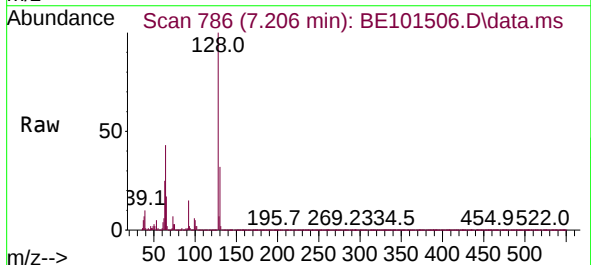
Instrument :
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Tgt Ion: 99 Resp: 518526
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 31.0 24.2 36.2



#8
2-Chlorophenol
Concen: 48.832 ng
RT: 7.206 min Scan# 786
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:128 Resp: 161165
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 42.6 22.0 62.0





#9

Benzaldehyde

Concen: 9.789 ng

RT: 6.771 min Scan# 712

Delta R.T. 0.001 min

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Instrument :

BNA_E

ClientSampleId :

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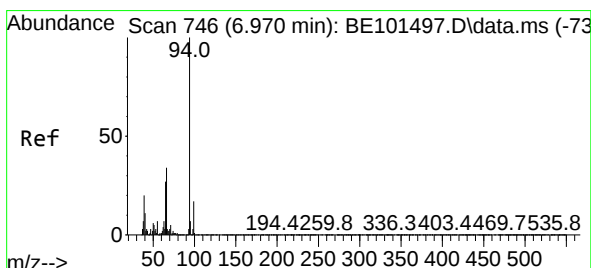
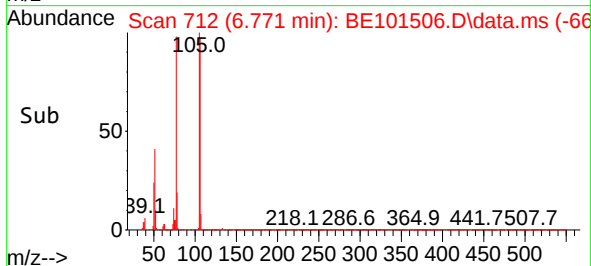
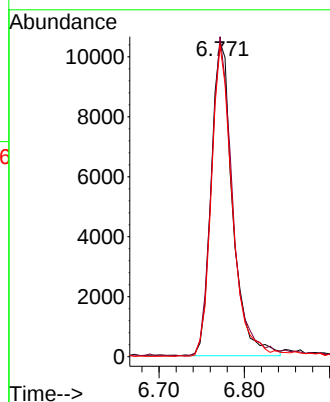
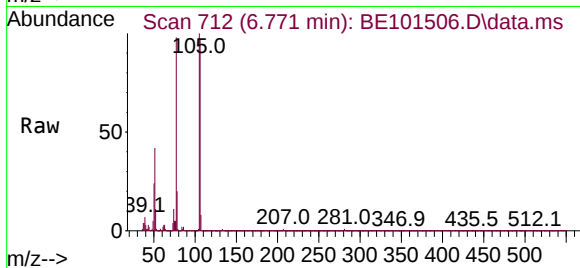
Tgt Ion: 77 Resp: 18288

Ion Ratio Lower Upper

77 100

105 101.8 83.0 123.0

106 98.9 78.8 118.8



#10

Phenol

Concen: 49.537 ng

RT: 6.965 min Scan# 745

Delta R.T. -0.005 min

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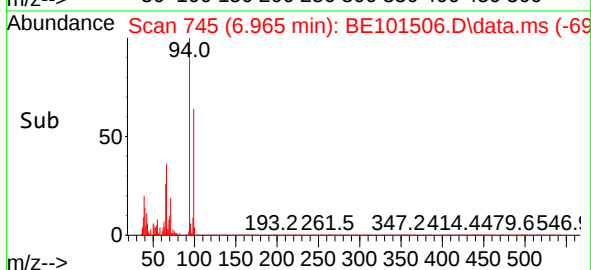
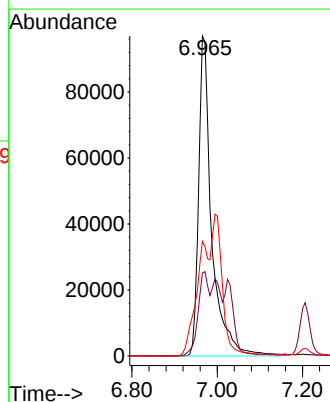
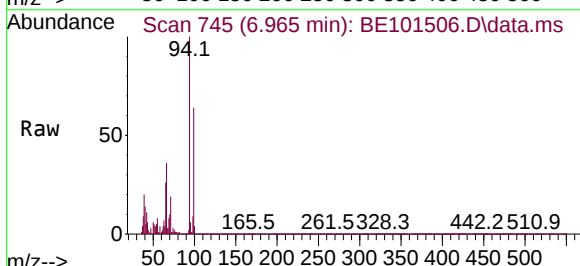
Tgt Ion: 94 Resp: 205950

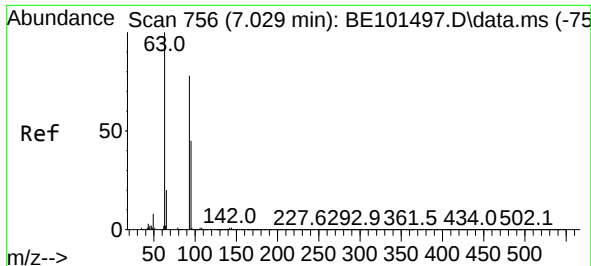
Ion Ratio Lower Upper

94 100

65 25.9 6.7 46.7

66 35.8 15.0 55.0

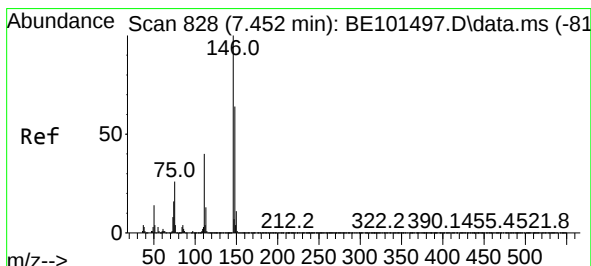
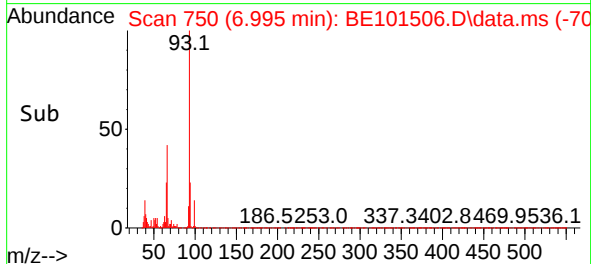
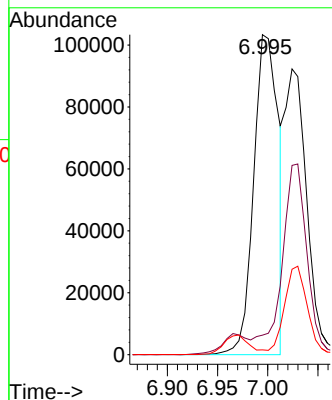
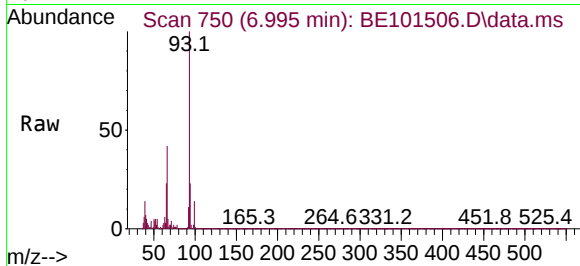




#11
bis(2-Chloroethyl)ether
Concen: 51.154 ng
RT: 6.995 min Scan# 71
Delta R.T. -0.034 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

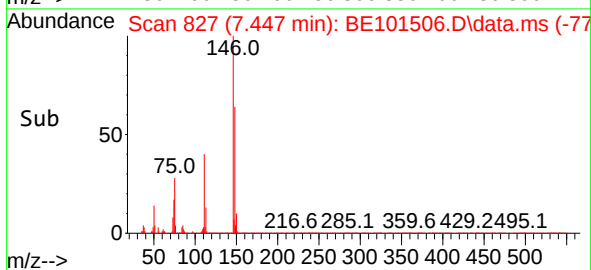
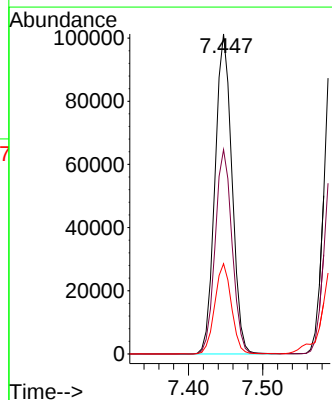
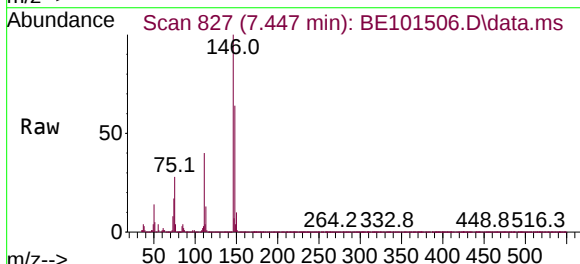
Instrument :
BNA_E
ClientSampleId :
PB164561BS

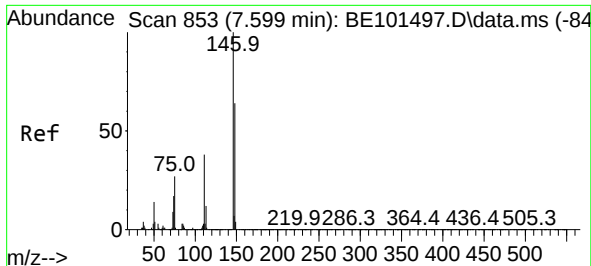
Tgt Ion: 93 Resp: 176058
Ion Ratio Lower Upper
93 100
63 6.1 46.5 86.5#
95 1.5 9.1 49.1#



#12
1,3-Dichlorobenzene
Concen: 44.539 ng
RT: 7.447 min Scan# 827
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:146 Resp: 160480
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 28.2 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 45.034 ng

RT: 7.594 min Scan# 81

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

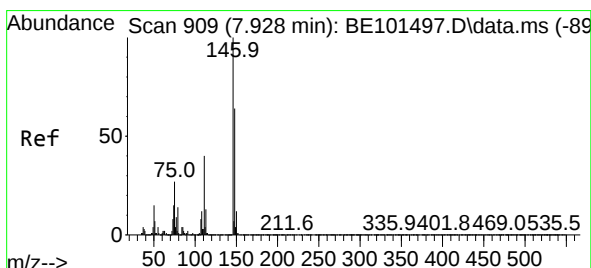
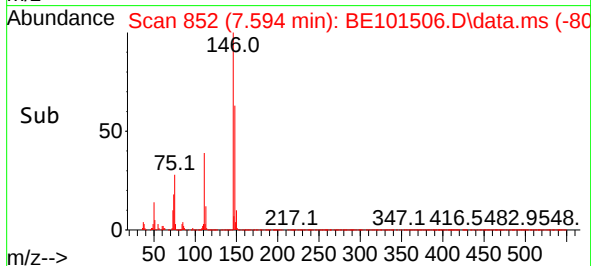
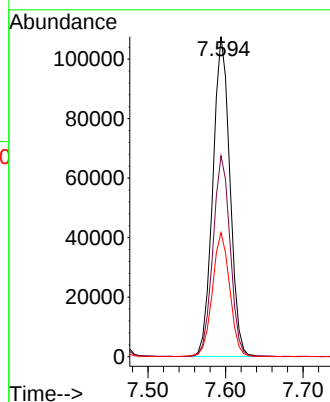
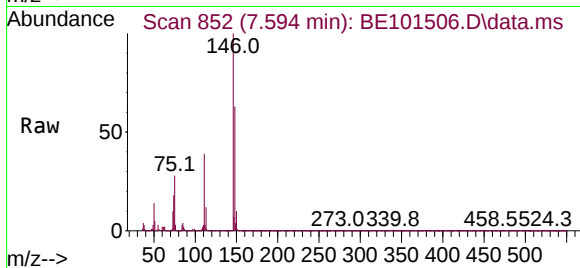
Tgt Ion:146 Resp: 164351

Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

111 38.8 30.2 45.4



#14

1,2-Dichlorobenzene

Concen: 44.629 ng

RT: 7.923 min Scan# 908

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

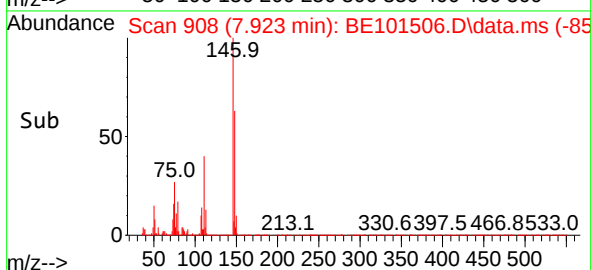
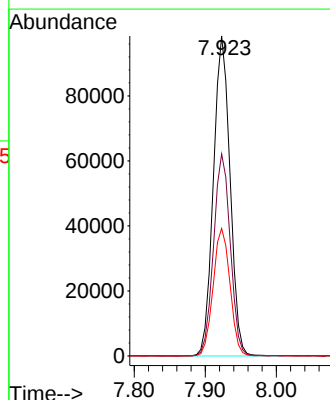
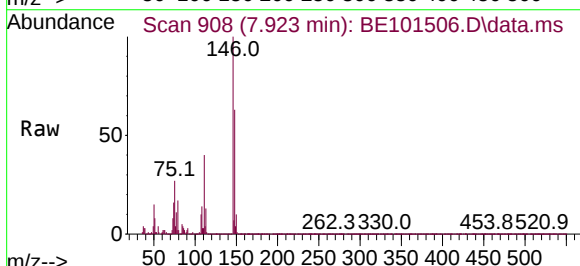
Tgt Ion:146 Resp: 159878

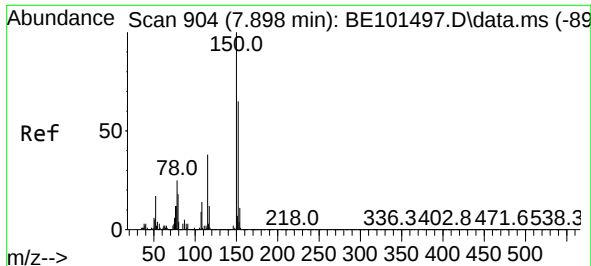
Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

111 39.9 32.2 48.4

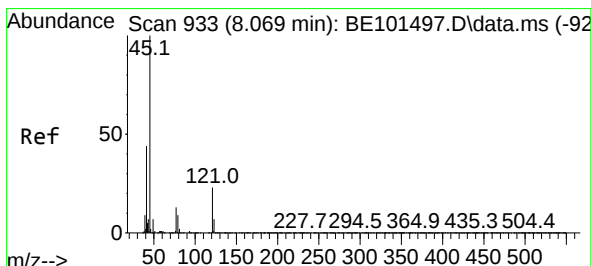
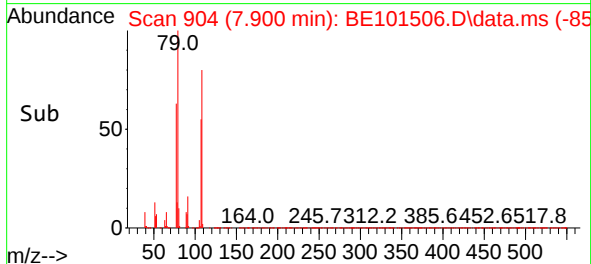
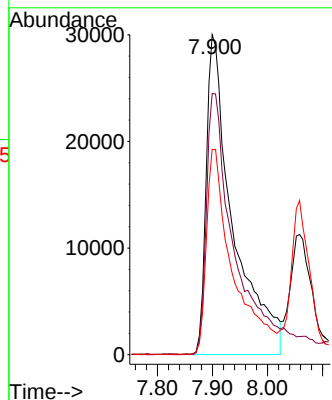
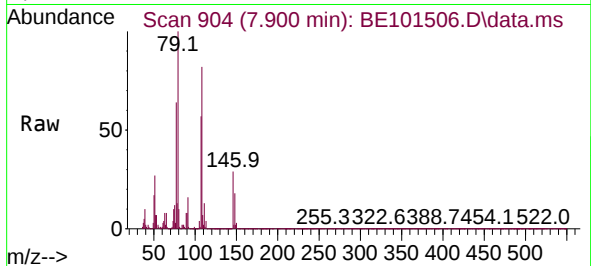




#15
Benzyl Alcohol
Concen: 45.093 ng
RT: 7.900 min Scan# 901
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

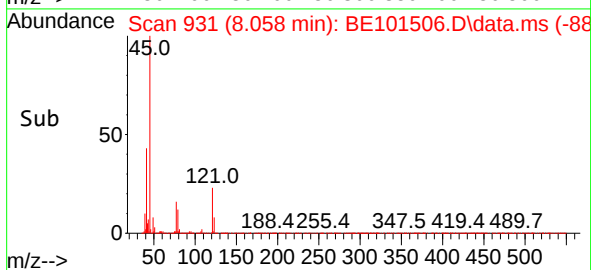
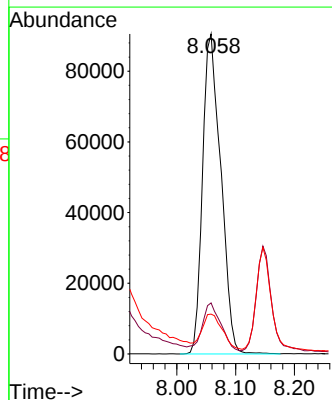
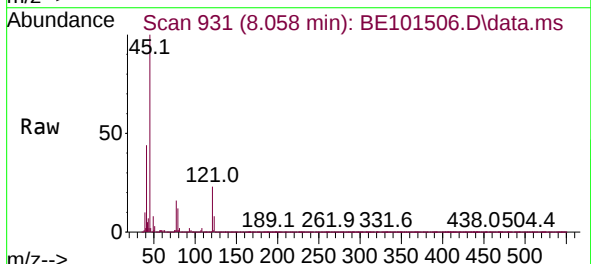
Instrument :
BNA_E
ClientSampleId :
PB164561BS

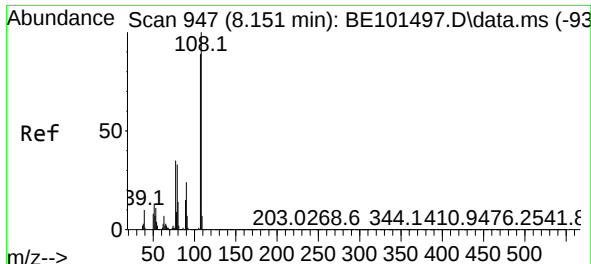
Tgt Ion: 79 Resp: 100608
Ion Ratio Lower Upper
79 100
108 81.6 63.8 95.8
77 64.2 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.864 ng
RT: 8.058 min Scan# 931
Delta R.T. -0.010 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion: 45 Resp: 195001
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.2
79 12.4 0.0 33.8

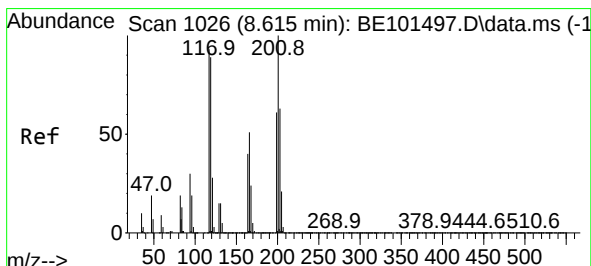
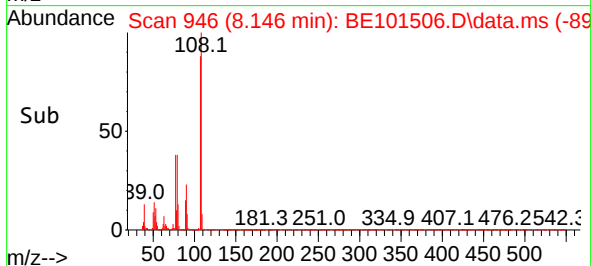
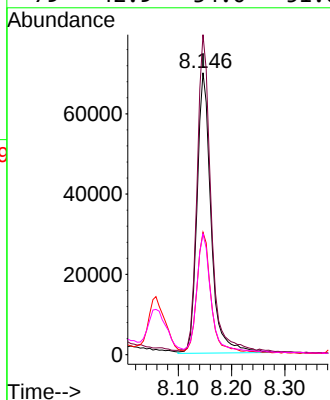
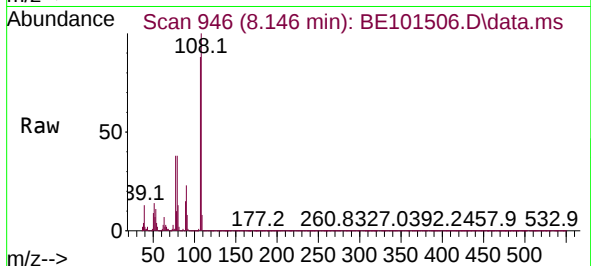




#17
2-Methylphenol
Concen: 47.387 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

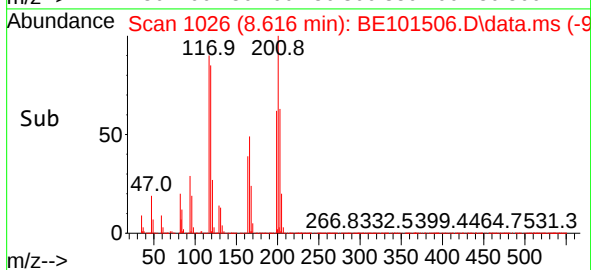
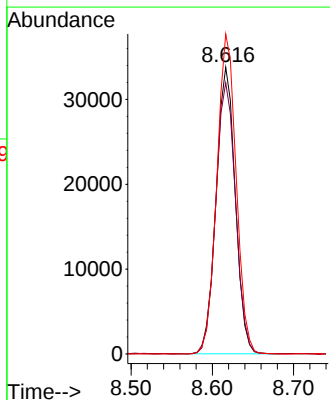
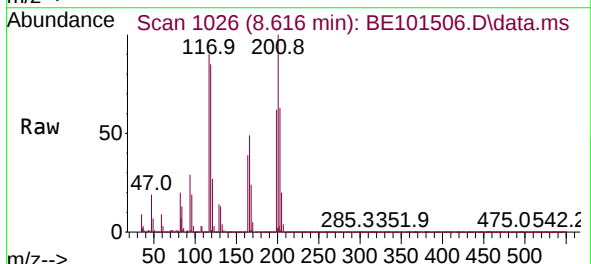
Instrument :
BNA_E
ClientSampleId :
PB164561BS

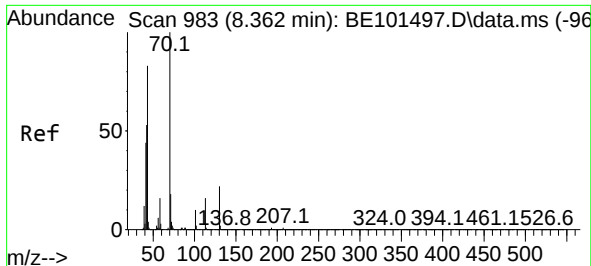
Tgt Ion:	107	Resp:	127550
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.2	135.4
77	43.4	35.1	52.7
79	42.9	34.0	51.0



#18
Hexachloroethane
Concen: 44.883 ng
RT: 8.616 min Scan# 1026
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:	117	Resp:	55317
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	114.8
201	111.6	86.1	129.1

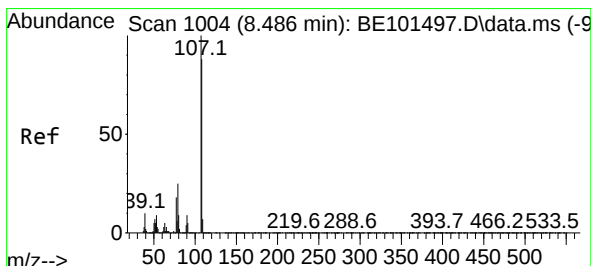
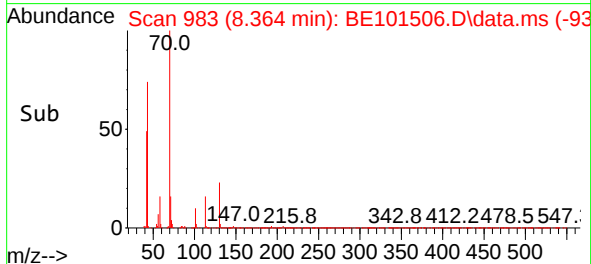
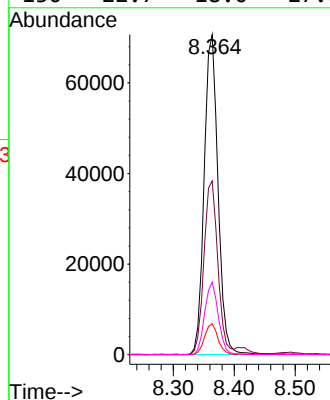
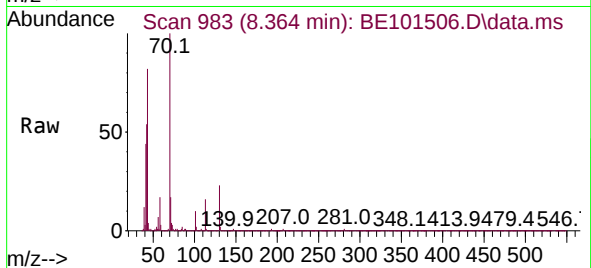




#19
n-Nitroso-di-n-propylamine
Concen: 44.269 ng
RT: 8.364 min Scan# 983
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

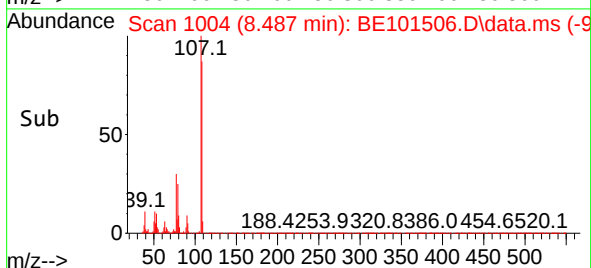
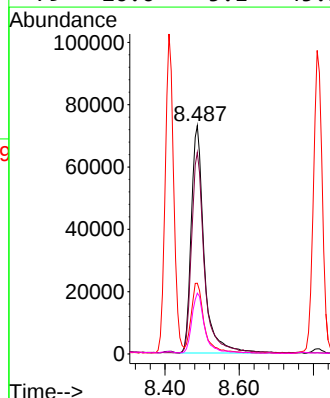
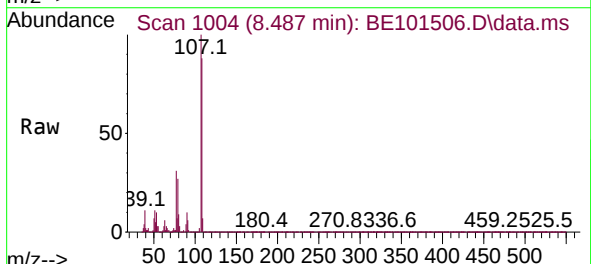
Instrument :
BNA_E
ClientSampleId :
PB164561BS

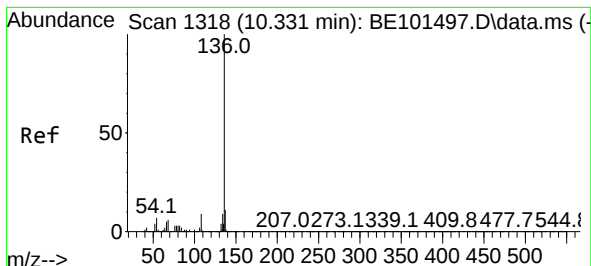
Tgt Ion: 70 Resp: 111488
Ion Ratio Lower Upper
70 100
42 54.3 42.7 64.1
101 9.6 8.2 12.2
130 22.7 18.0 27.0



#20
3+4-Methylphenols
Concen: 47.219 ng
RT: 8.487 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion: 107 Resp: 176230
Ion Ratio Lower Upper
107 100
108 88.3 68.2 108.2
77 31.0 10.4 50.4
79 26.6 5.1 45.1



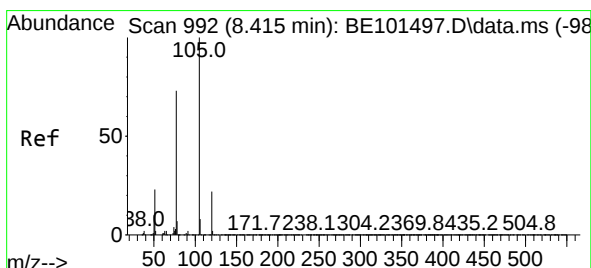
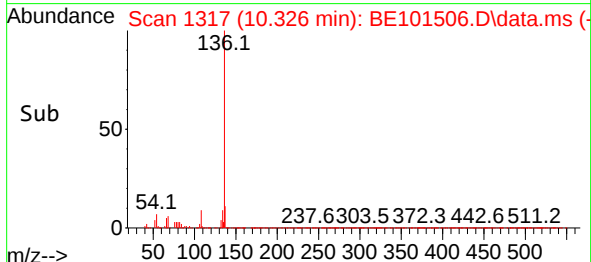
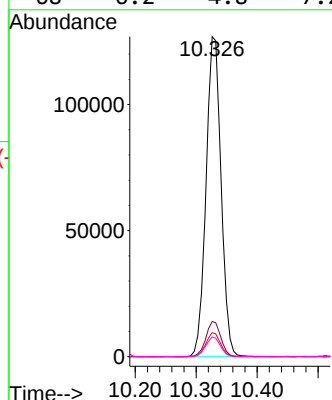
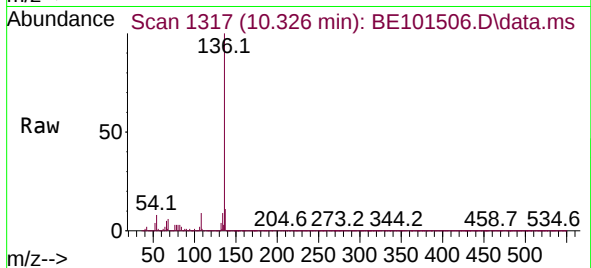


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Instrument :
BNA_E
ClientSampleId :
PB164561BS

Tgt Ion:136 Resp: 217361

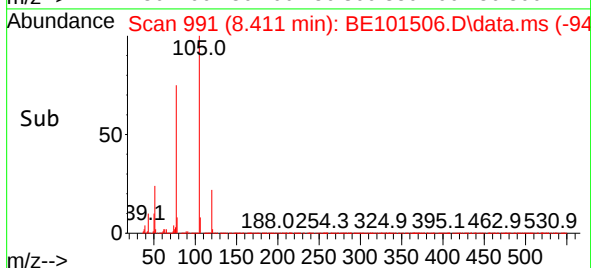
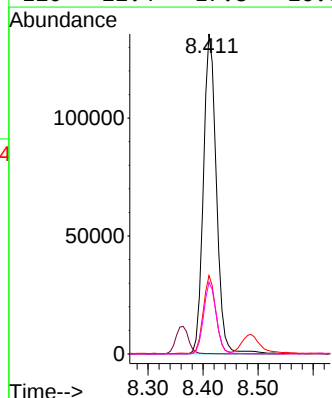
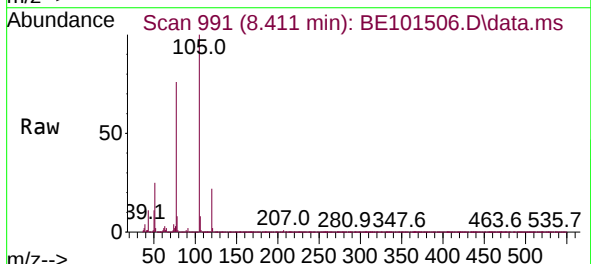
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.5	5.6	8.4
68	6.2	4.8	7.2

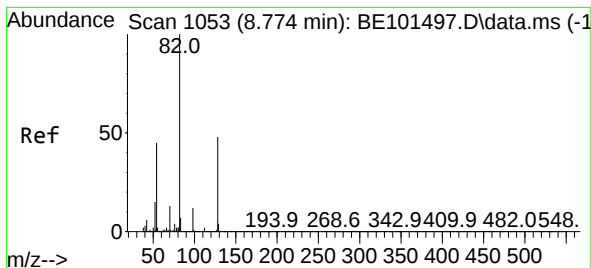


#22
Acetophenone
Concen: 45.239 ng
RT: 8.411 min Scan# 991
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:105 Resp: 222690

Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1
51	24.5	18.7	28.1
120	22.4	17.8	26.6





#23

Nitrobenzene-d5

Concen: 90.989 ng

RT: 8.769 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

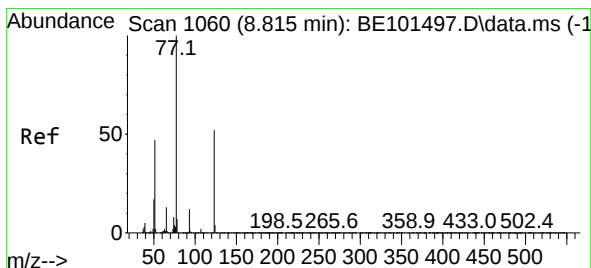
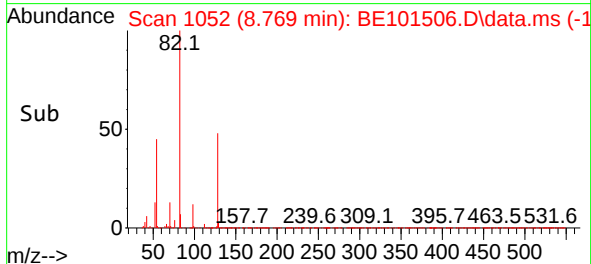
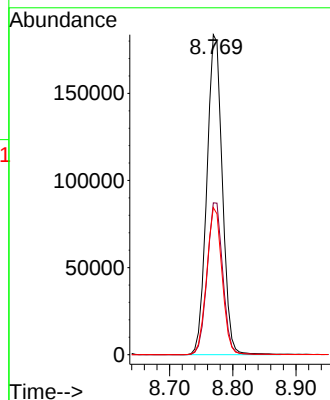
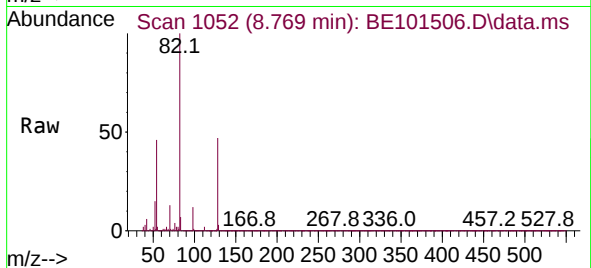
Tgt Ion: 82 Resp: 313107

Ion Ratio Lower Upper

82 100

128 47.5 38.6 58.0

54 46.0 36.3 54.5



#24

Nitrobenzene

Concen: 44.836 ng

RT: 8.810 min Scan# 1059

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

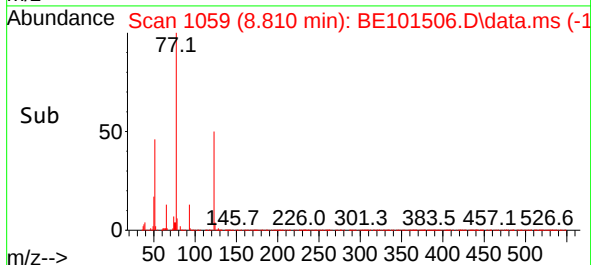
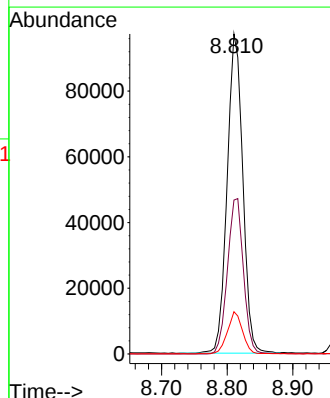
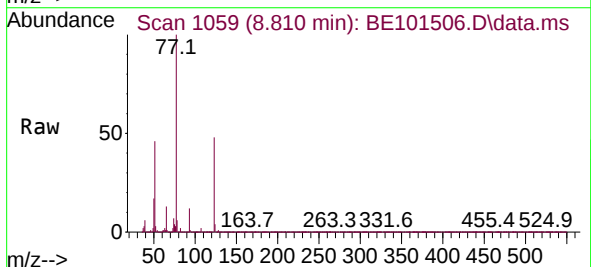
Tgt Ion: 77 Resp: 160477

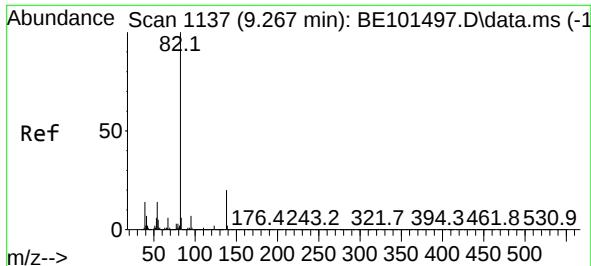
Ion Ratio Lower Upper

77 100

123 48.1 41.2 61.8

65 13.2 10.3 15.5

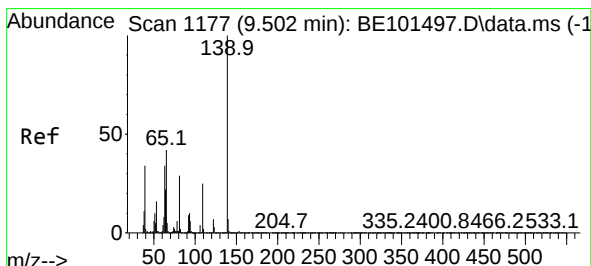
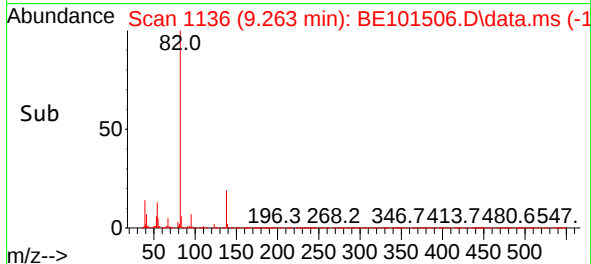
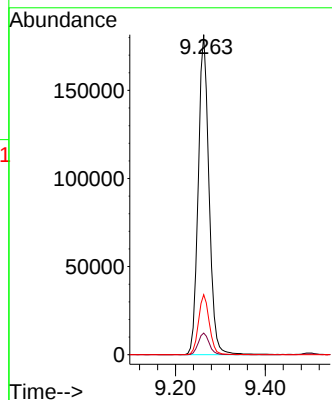
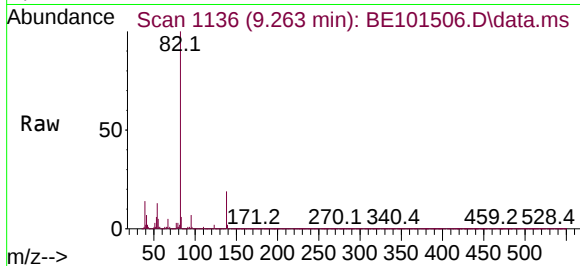




#25
Isophorone
Concen: 44.941 ng
RT: 9.263 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

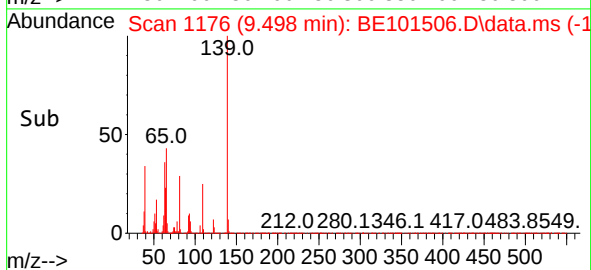
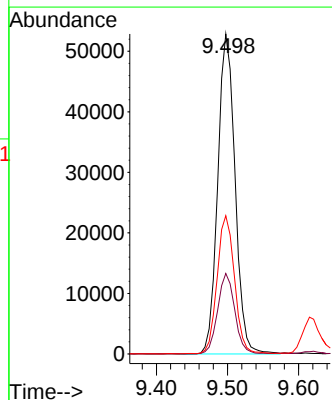
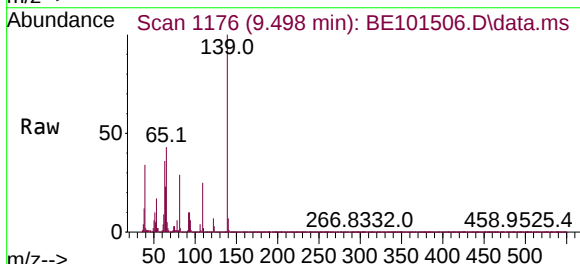
Instrument :
BNA_E
ClientSampleId :
PB164561BS

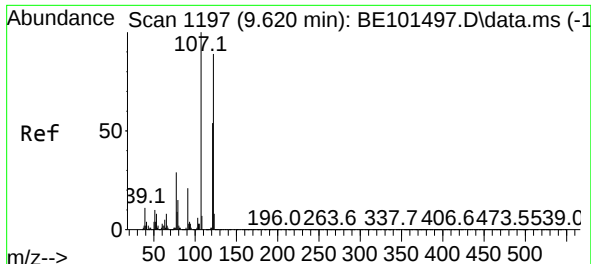
Tgt Ion: 82 Resp: 300963
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.8 15.8 23.6



#26
2-Nitrophenol
Concen: 46.794 ng
RT: 9.498 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion: 139 Resp: 89131
Ion Ratio Lower Upper
139 100
109 25.2 20.2 30.4
65 43.2 34.0 51.0

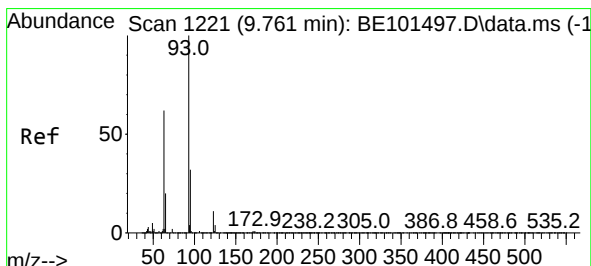
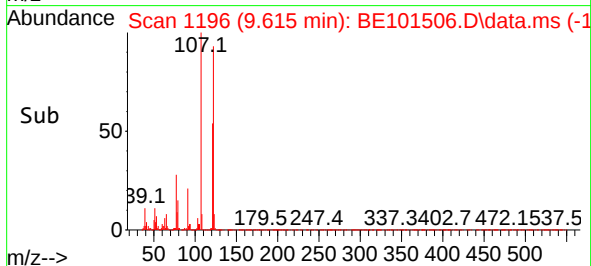
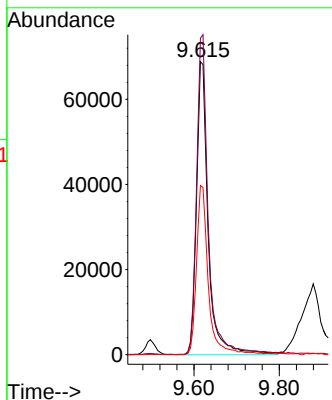
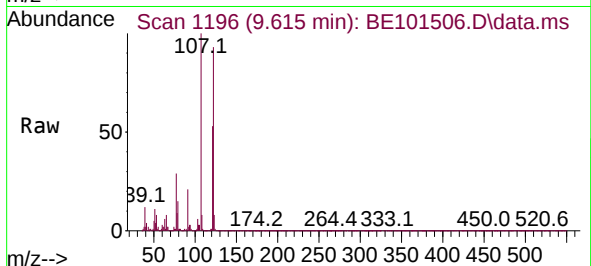




#27
2,4-Dimethylphenol
Concen: 59.411 ng
RT: 9.615 min Scan# 1196
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

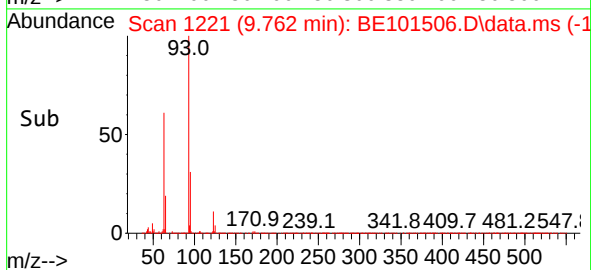
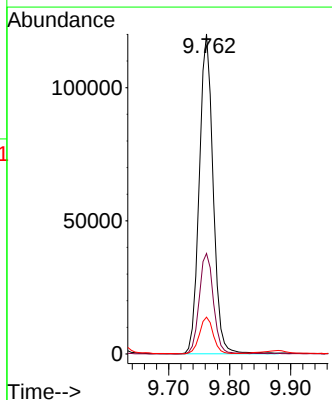
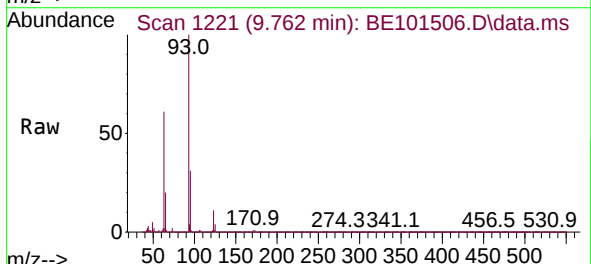
Instrument :
BNA_E
ClientSampleId :
PB164561BS

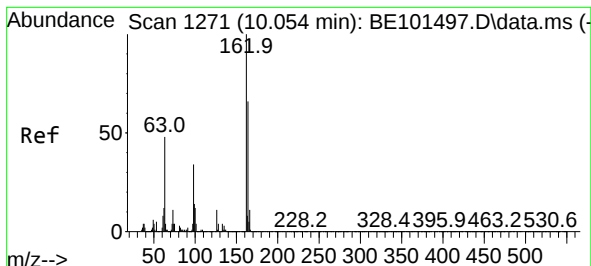
Tgt Ion:122 Resp: 130938
Ion Ratio Lower Upper
122 100
107 108.0 89.8 134.6
121 57.7 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.250 ng
RT: 9.762 min Scan# 1221
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion: 93 Resp: 189594
Ion Ratio Lower Upper
93 100
95 31.4 25.9 38.9
123 11.5 9.2 13.8

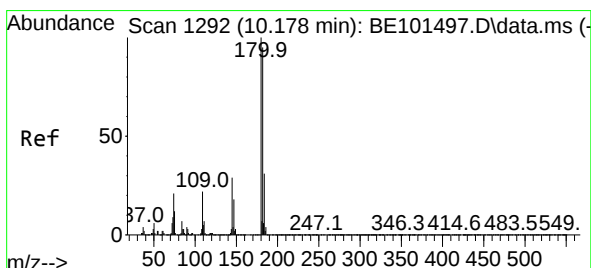
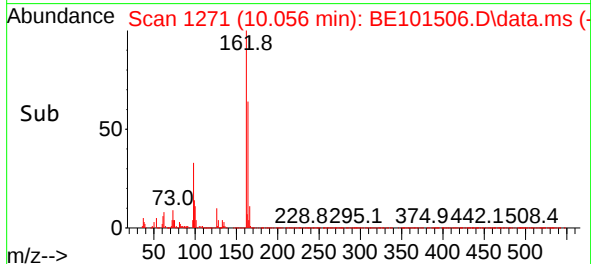
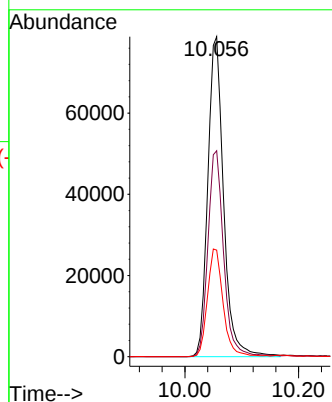
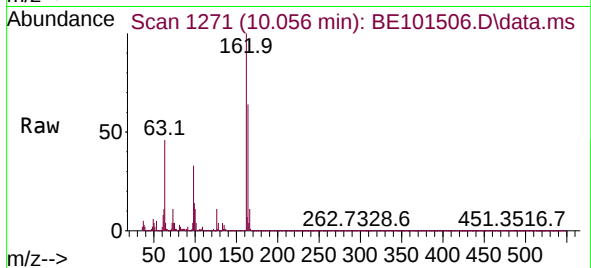




#29
2,4-Dichlorophenol
Concen: 48.367 ng
RT: 10.056 min Scan# 1271
Delta R.T. 0.002 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

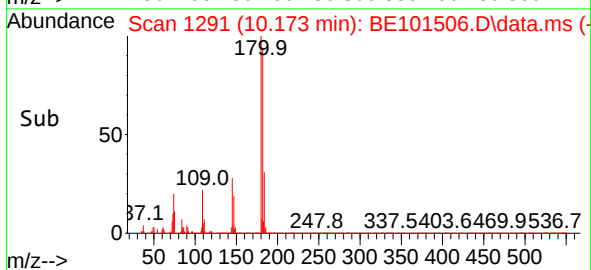
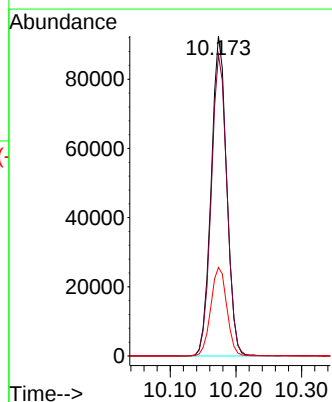
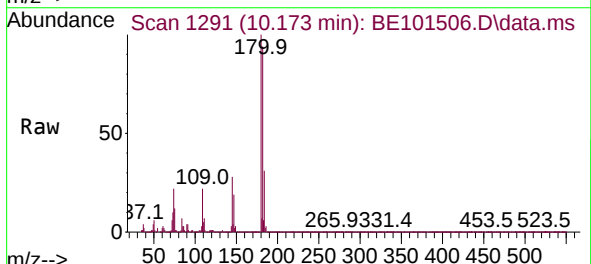
Instrument :
BNA_E
ClientSampleId :
PB164561BS

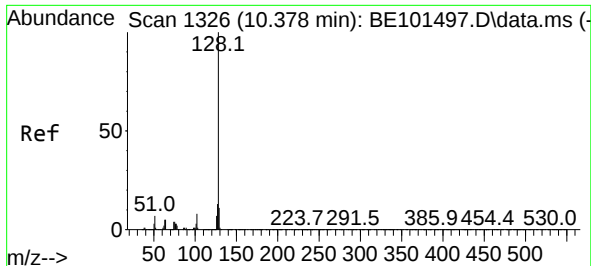
Tgt Ion:162 Resp: 151325
Ion Ratio Lower Upper
162 100
164 64.4 45.7 85.7
98 33.3 14.0 54.0



#30
1,2,4-Trichlorobenzene
Concen: 43.393 ng
RT: 10.173 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:180 Resp: 151558
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.2
145 27.7 23.2 34.8

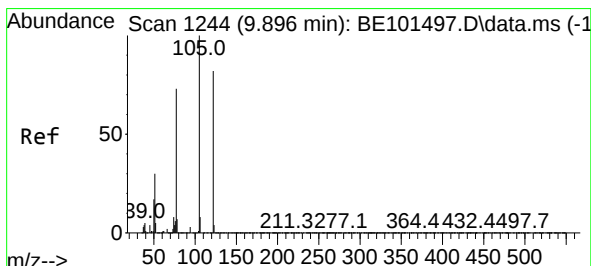
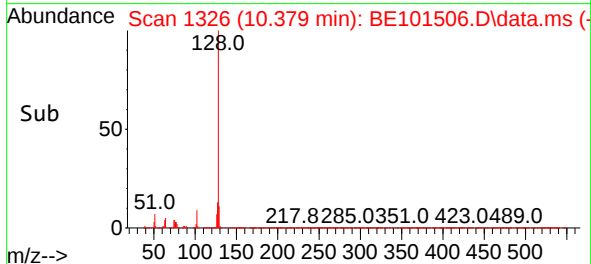
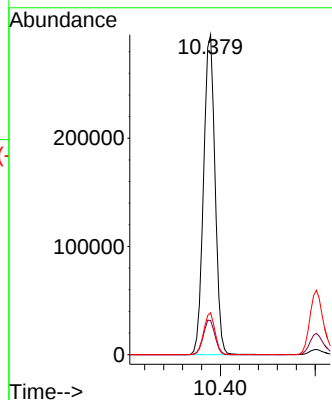
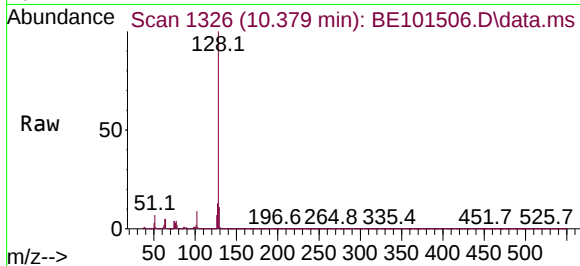




#31
Naphthalene
Concen: 45.025 ng
RT: 10.379 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

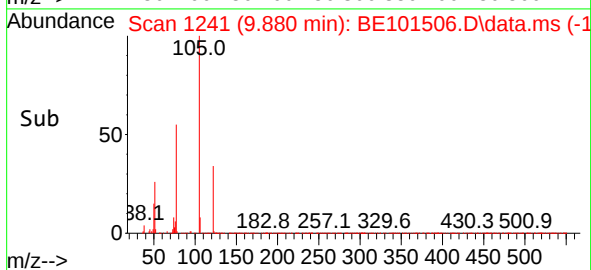
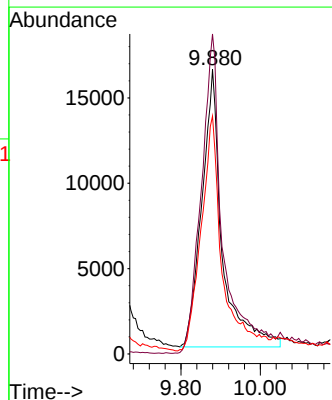
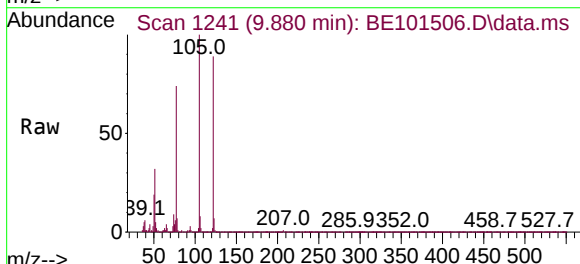
Instrument :
BNA_E
ClientSampleId :
PB164561BS

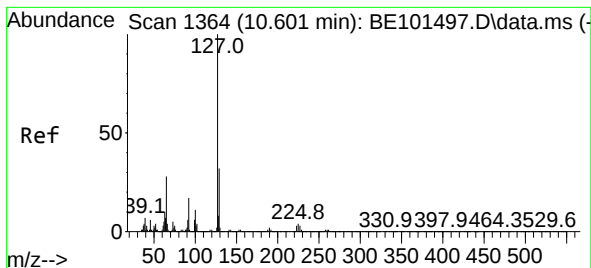
Tgt Ion:128 Resp: 494068
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 31.143 ng
RT: 9.880 min Scan# 1241
Delta R.T. -0.016 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:122 Resp: 58370
Ion Ratio Lower Upper
122 100
105 112.5 100.6 140.6
77 83.6 68.6 108.6





#33

4-Chloroaniline

Concen: 32.114 ng

RT: 10.602 min Scan# 1364

Delta R.T. 0.001 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

Tgt Ion:127 Resp: 123922

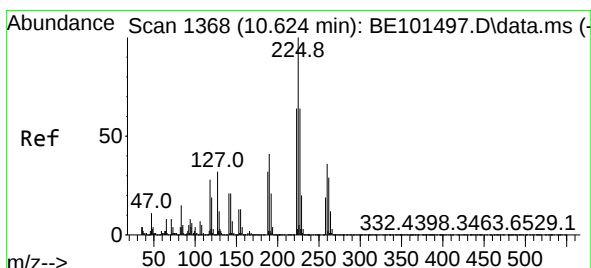
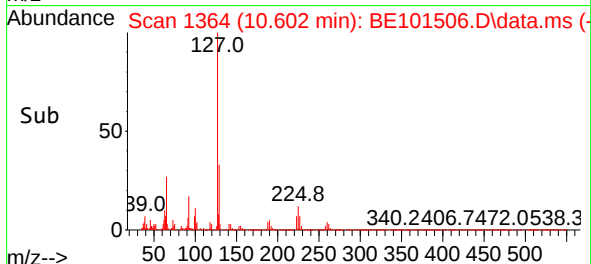
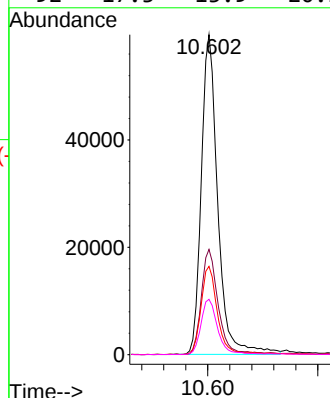
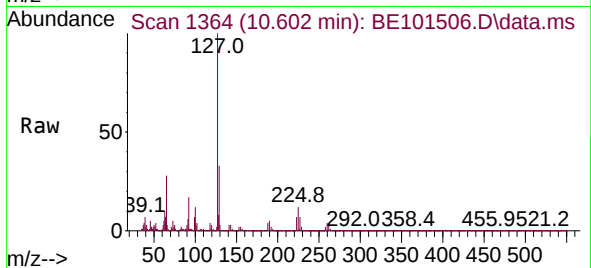
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.8

65 27.6 22.6 33.8

92 17.3 13.9 20.9



#34

Hexachlorobutadiene

Concen: 44.169 ng

RT: 10.626 min Scan# 1368

Delta R.T. 0.001 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

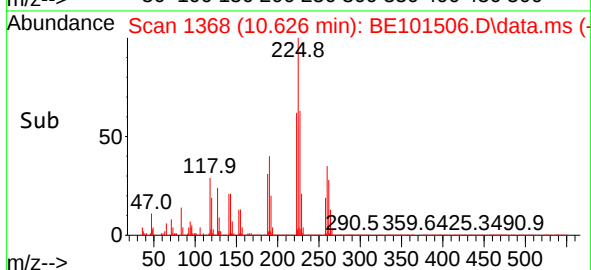
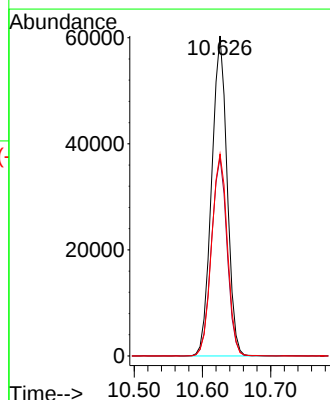
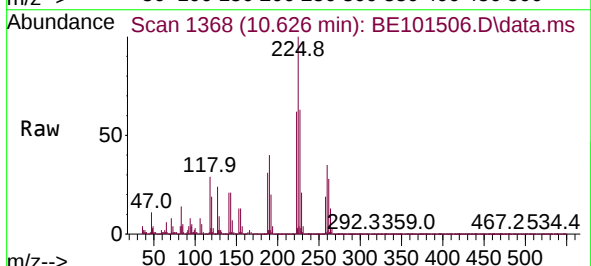
Tgt Ion:225 Resp: 95083

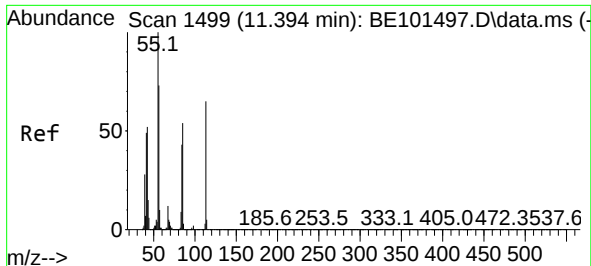
Ion Ratio Lower Upper

225 100

223 62.1 51.0 76.6

227 63.1 51.0 76.6

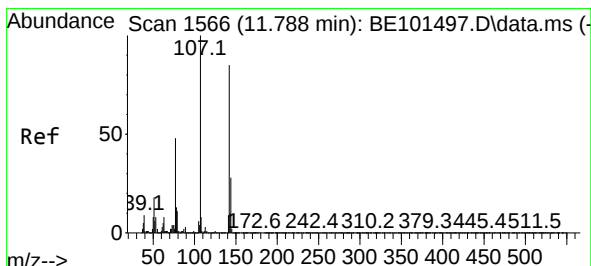
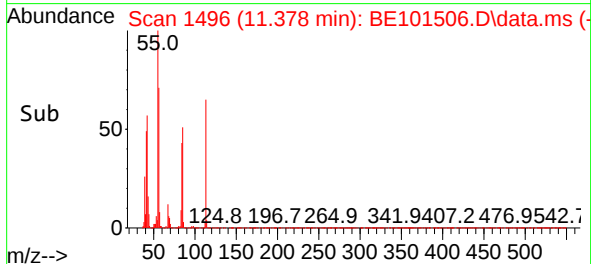
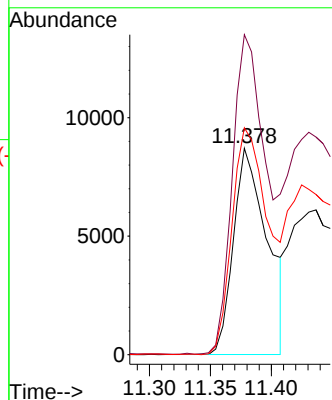
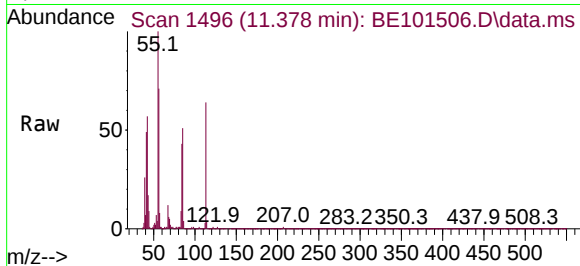




#35
Caprolactam
Concen: 14.542 ng
RT: 11.378 min Scan# 1499
Delta R.T. -0.016 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

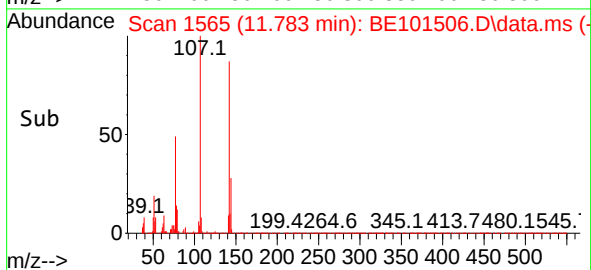
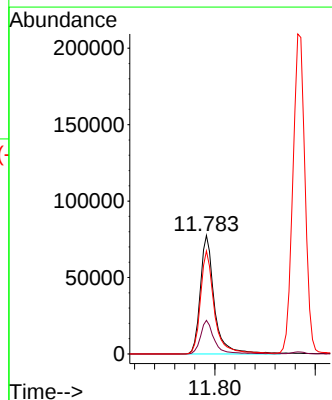
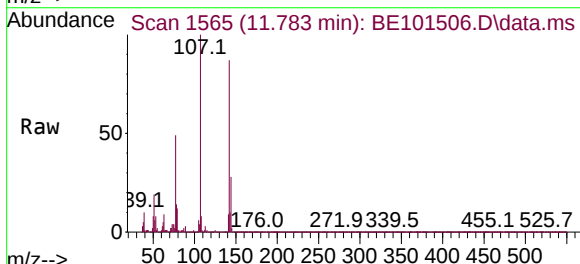
Instrument :
BNA_E
ClientSampleId :
PB164561BS

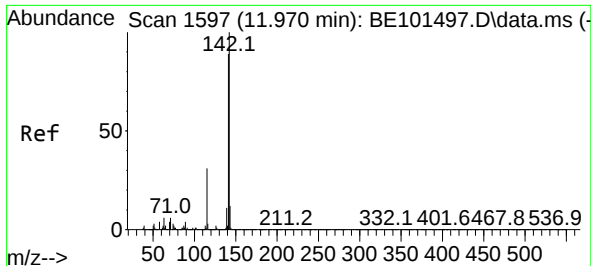
Tgt Ion:113 Resp: 16707
Ion Ratio Lower Upper
113 100
55 155.1 134.3 174.3
56 109.9 92.6 132.6



#36
4-Chloro-3-methylphenol
Concen: 43.949 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:107 Resp: 150154
Ion Ratio Lower Upper
107 100
144 28.4 22.4 33.6
142 86.9 68.2 102.2

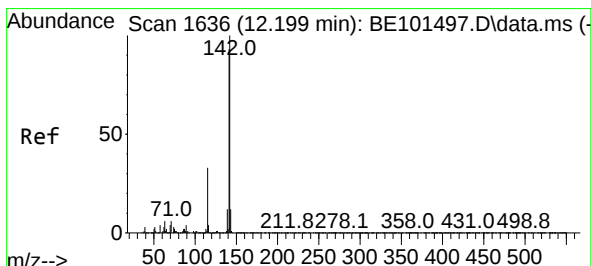
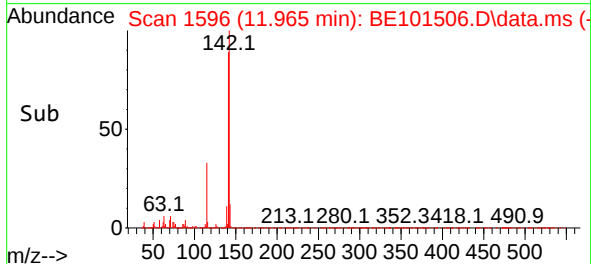
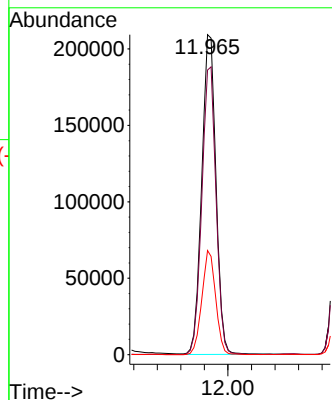
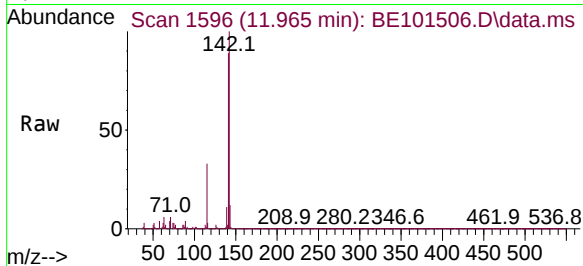




#37
2-Methylnaphthalene
Concen: 45.059 ng
RT: 11.965 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

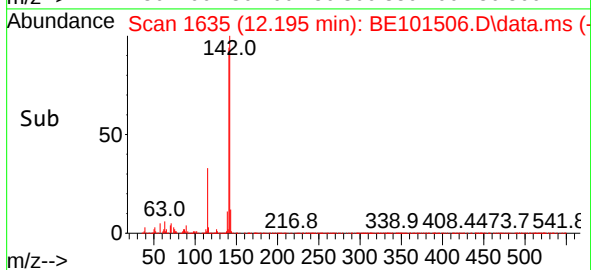
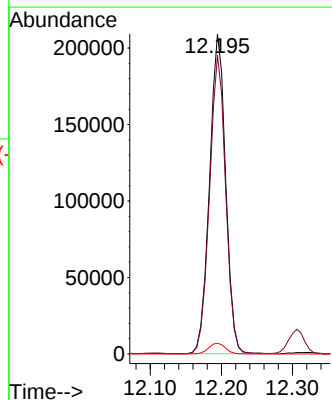
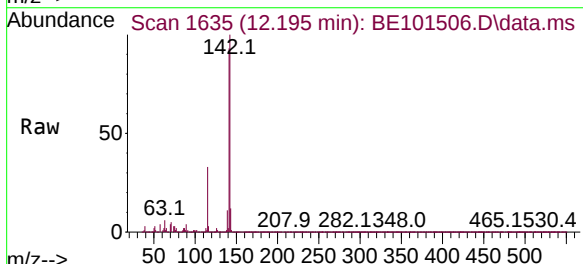
Instrument :
BNA_E
ClientSampleId :
PB164561BS

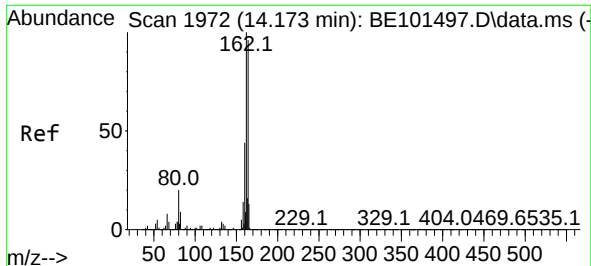
Tgt Ion:142 Resp: 351183
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 32.6 25.0 37.4



#38
1-Methylnaphthalene
Concen: 42.281 ng
RT: 12.195 min Scan# 1635
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:142 Resp: 328634
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1
116 3.4 2.9 4.3

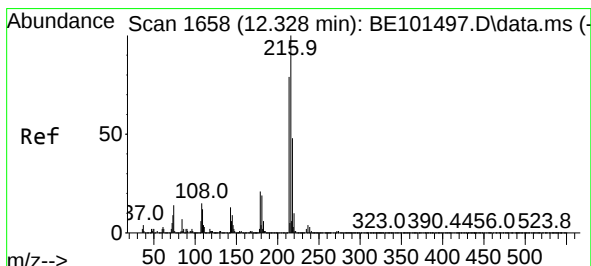
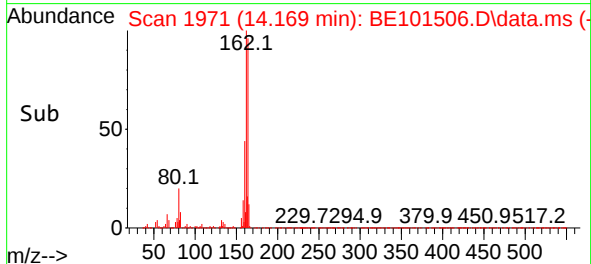
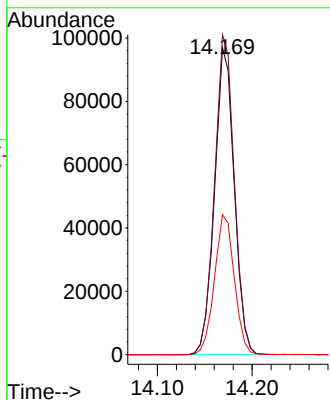
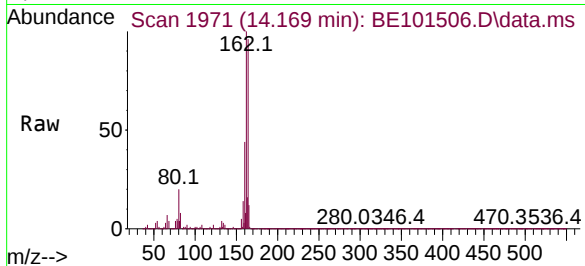




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

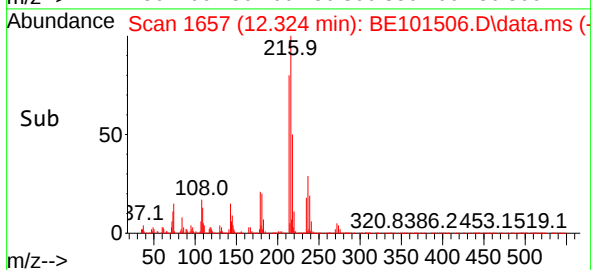
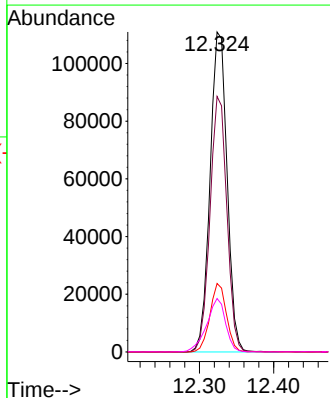
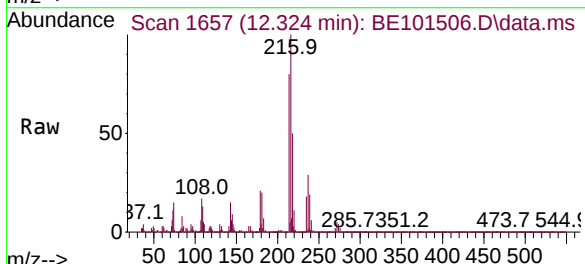
Instrument :
BNA_E
ClientSampleId :
PB164561BS

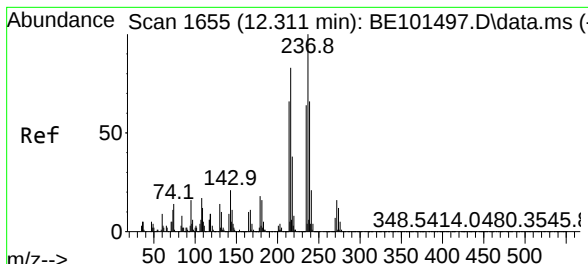
Tgt Ion:164 Resp: 139774
Ion Ratio Lower Upper
164 100
162 104.3 83.7 125.5
160 45.6 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.004 ng
RT: 12.324 min Scan# 1657
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:216 Resp: 176900
Ion Ratio Lower Upper
216 100
214 79.1 62.6 93.8
179 20.8 16.4 24.6
108 18.5 12.7 19.1

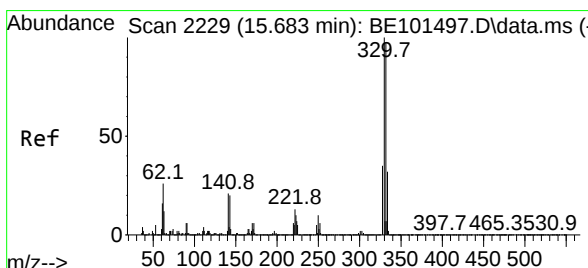
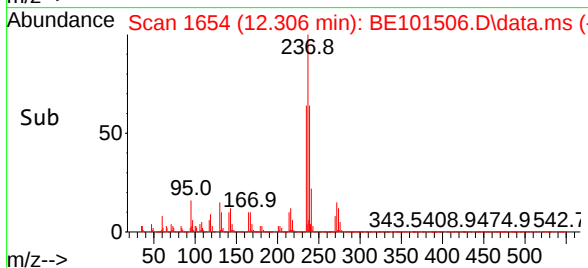
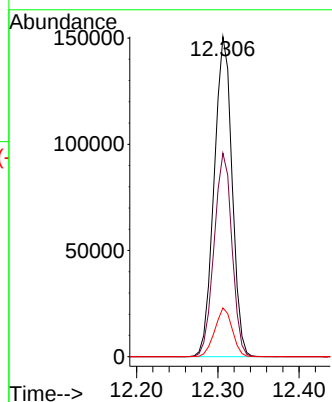
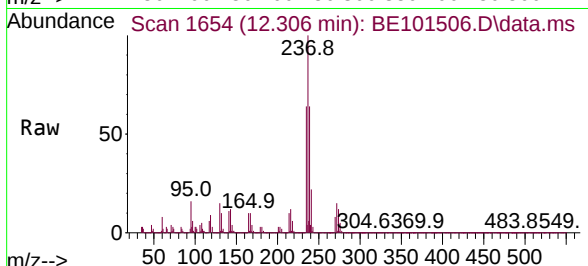




#41
Hexachlorocyclopentadiene
Concen: 215.026 ng
RT: 12.306 min Scan# 1654
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

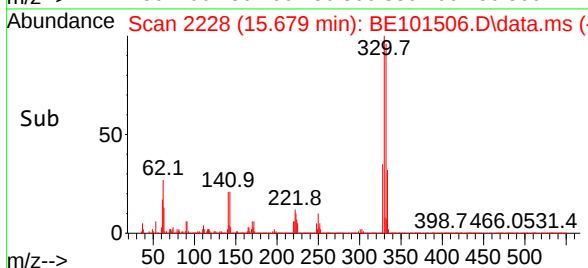
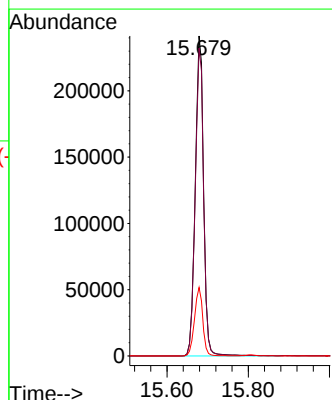
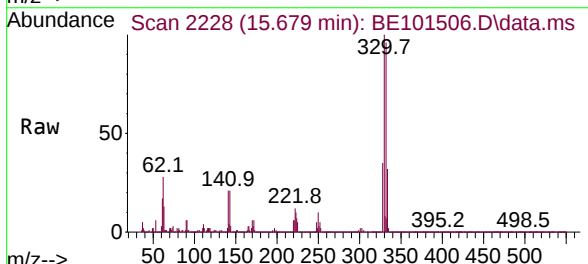
Instrument :
BNA_E
ClientSampleId :
PB164561BS

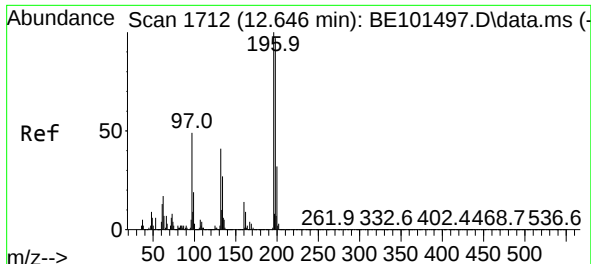
Tgt Ion:237 Resp: 231235
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 15.2 0.0 35.6



#42
2,4,6-Tribromophenol
Concen: 131.338 ng
RT: 15.679 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:330 Resp: 345435
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 21.3 17.0 25.4

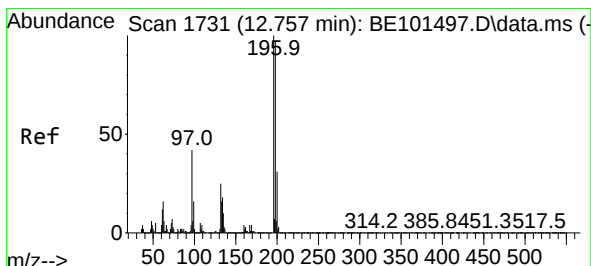
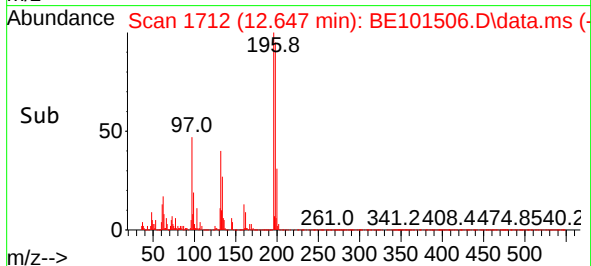
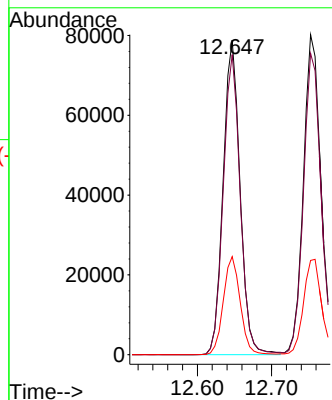
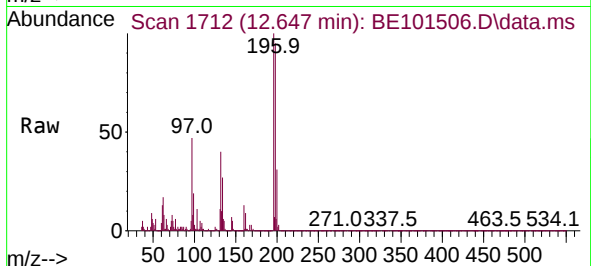




#43
2,4,6-Trichlorophenol
Concen: 49.384 ng
RT: 12.647 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

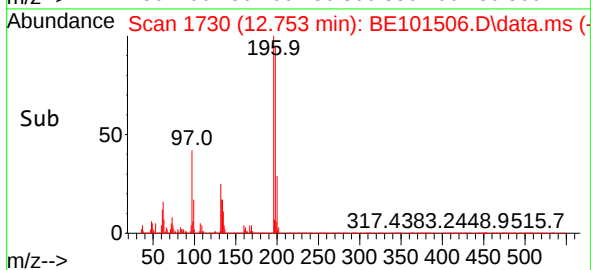
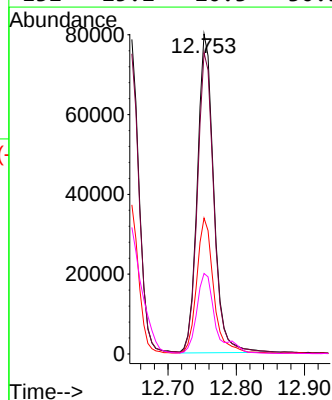
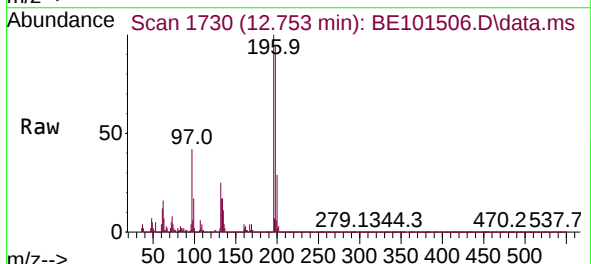
Instrument :
BNA_E
ClientSampleId :
PB164561BS

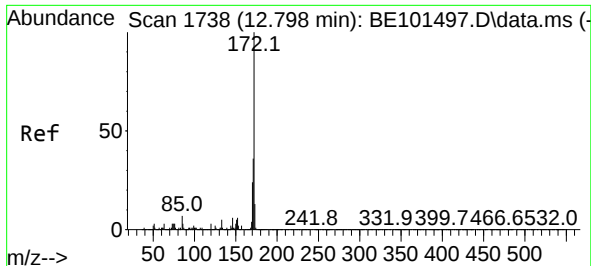
Tgt Ion:196 Resp: 124981
Ion Ratio Lower Upper
196 100
198 95.4 77.7 116.5
200 31.2 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 47.511 ng
RT: 12.753 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:196 Resp: 133958
Ion Ratio Lower Upper
196 100
198 94.2 77.3 115.9
97 42.4 33.4 50.0
132 25.2 20.3 30.5

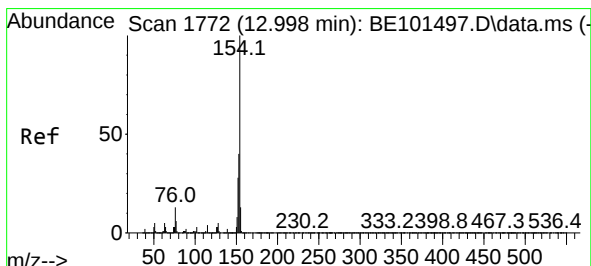
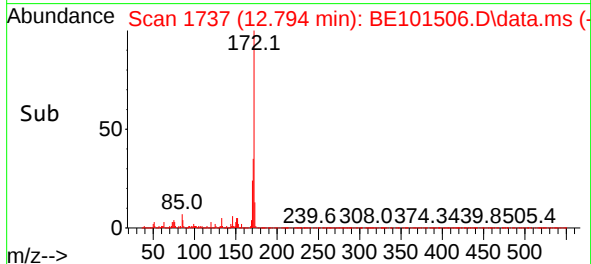
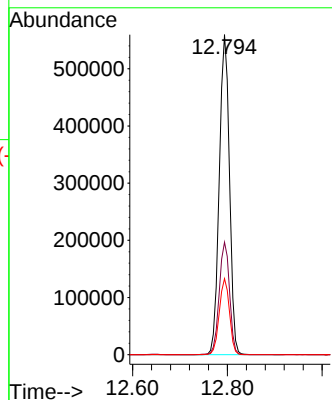
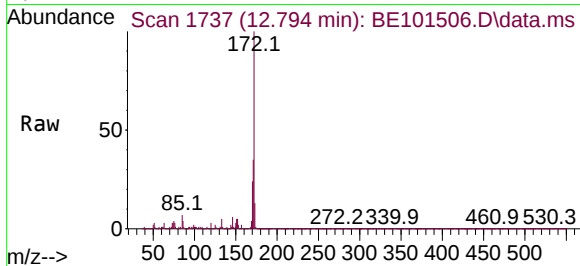




#45
2-Fluorobiphenyl
Concen: 97.292 ng
RT: 12.794 min Scan# 1738
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

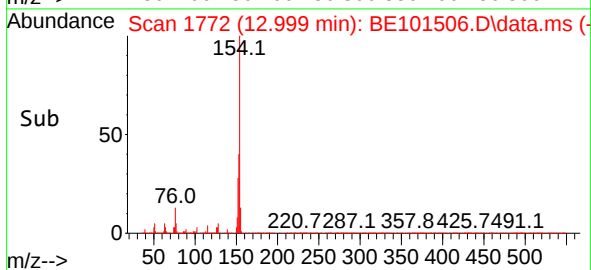
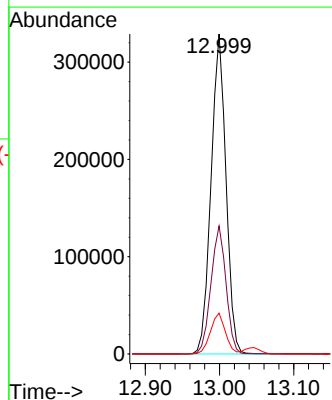
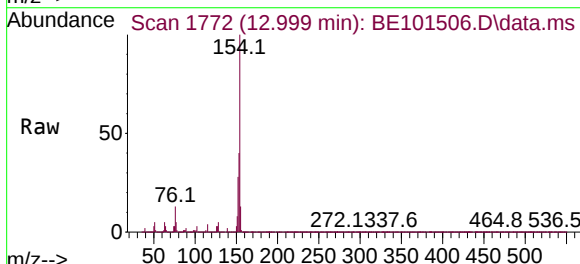
Instrument :
BNA_E
ClientSampleId :
PB164561BS

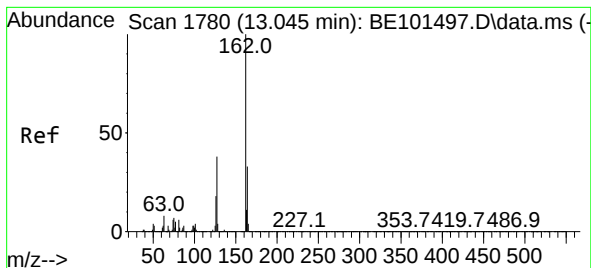
Tgt Ion:172 Resp: 832853
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 47.607 ng
RT: 12.999 min Scan# 1772
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:154 Resp: 459003
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 12.8 0.0 33.0





#47

2-Chloronaphthalene

Concen: 46.524 ng

RT: 13.046 min Scan# 1

Delta R.T. 0.001 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

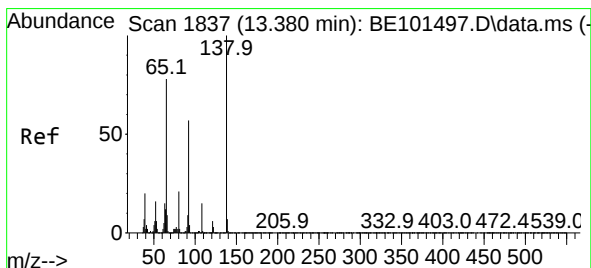
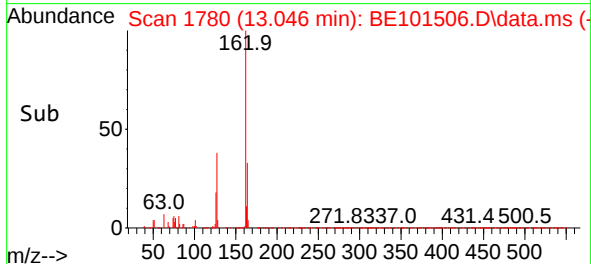
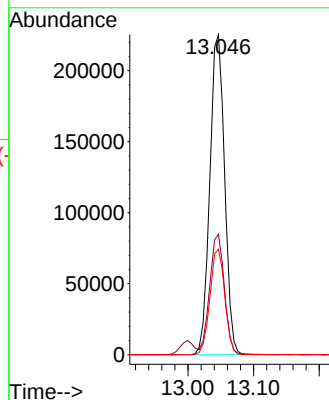
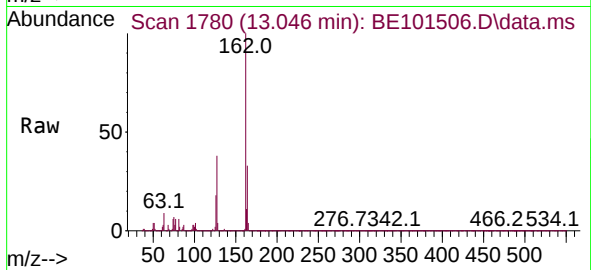
Tgt Ion:162 Resp: 353788

Ion Ratio Lower Upper

162 100

127 37.7 30.2 45.4

164 33.0 26.4 39.6



#48

2-Nitroaniline

Concen: 47.931 ng

RT: 13.375 min Scan# 1836

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

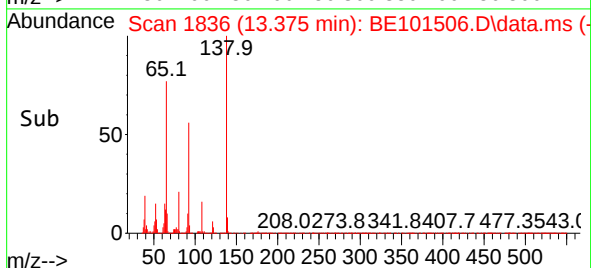
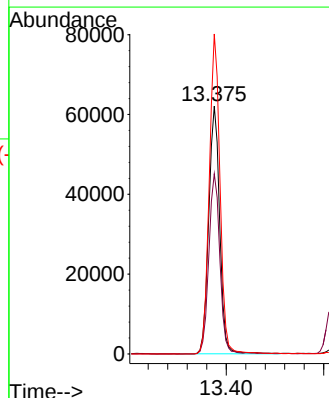
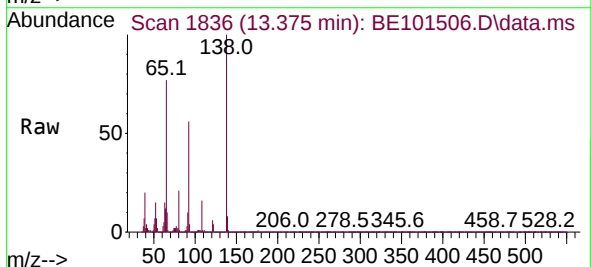
Tgt Ion: 65 Resp: 96482

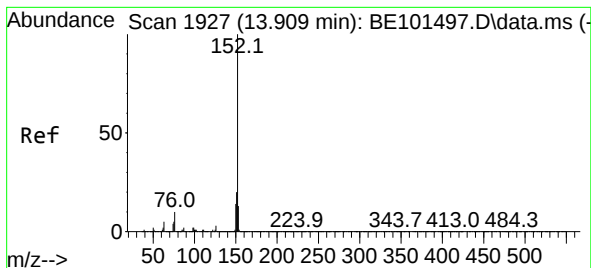
Ion Ratio Lower Upper

65 100

92 72.7 58.9 88.3

138 129.1 103.0 154.6





#49

Acenaphthylene

Concen: 50.047 ng

RT: 13.904 min Scan# 1927

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

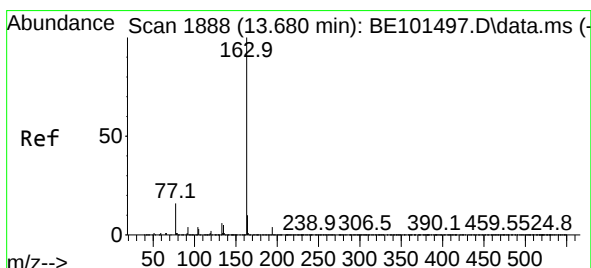
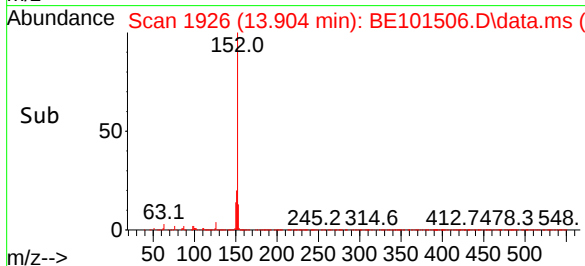
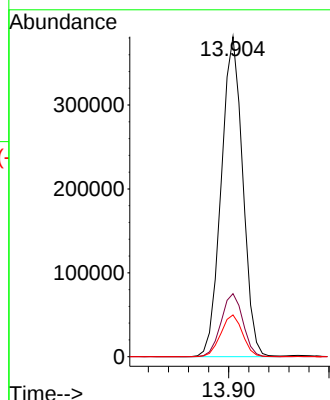
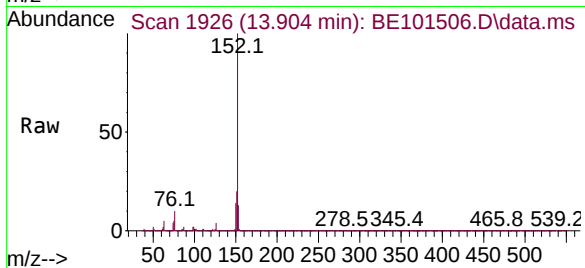
Tgt Ion:152 Resp: 567148

Ion Ratio Lower Upper

152 100

151 19.7 15.6 23.4

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 46.115 ng

RT: 13.675 min Scan# 1887

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

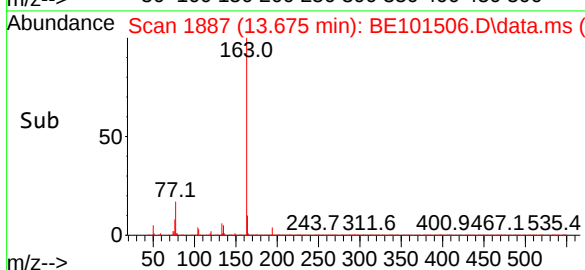
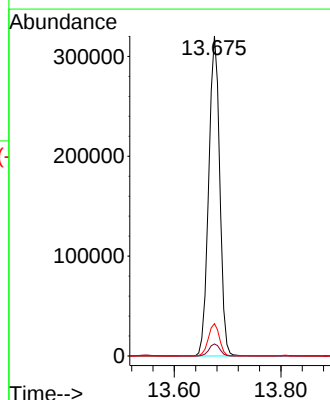
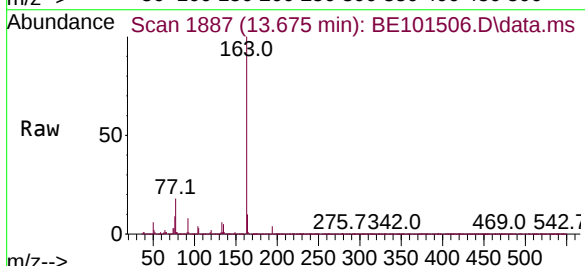
Tgt Ion:163 Resp: 459000

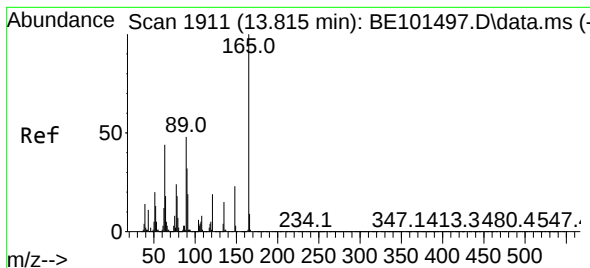
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 10.1 8.2 12.2

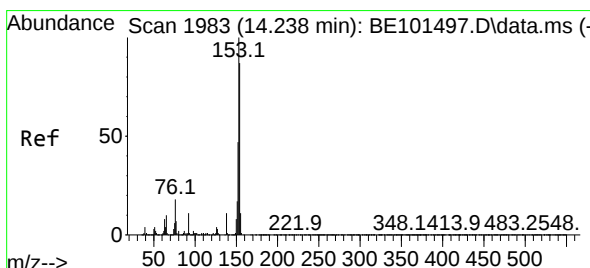
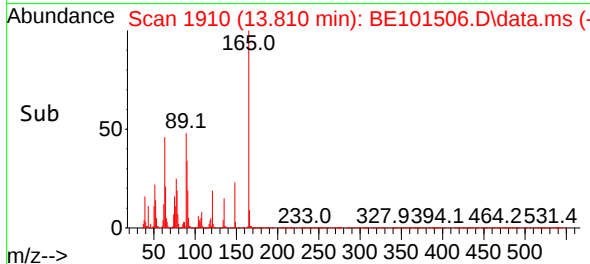
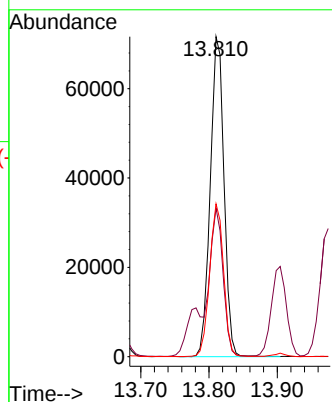
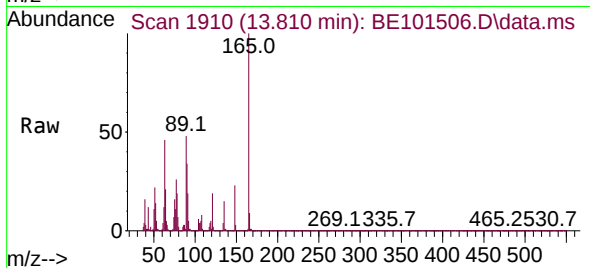




#51
2,6-Dinitrotoluene
Concen: 43.728 ng
RT: 13.810 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

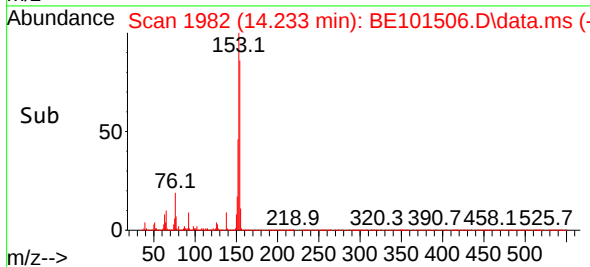
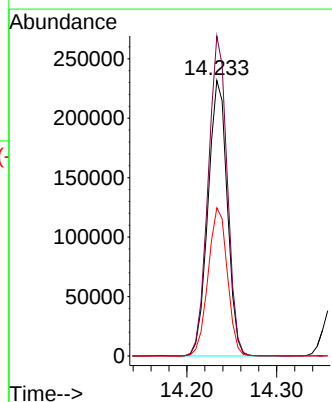
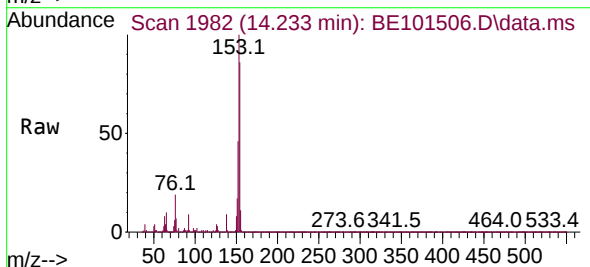
Instrument :
BNA_E
ClientSampleId :
PB164561BS

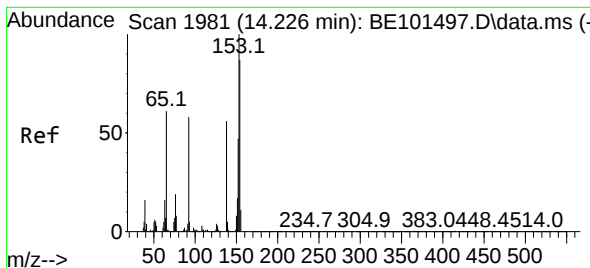
Tgt Ion:165 Resp: 100455
Ion Ratio Lower Upper
165 100
63 46.4 37.2 55.8
89 47.7 38.4 57.6



#52
Acenaphthene
Concen: 47.591 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:154 Resp: 344156
Ion Ratio Lower Upper
154 100
153 116.1 92.3 138.5
152 53.8 43.6 65.4

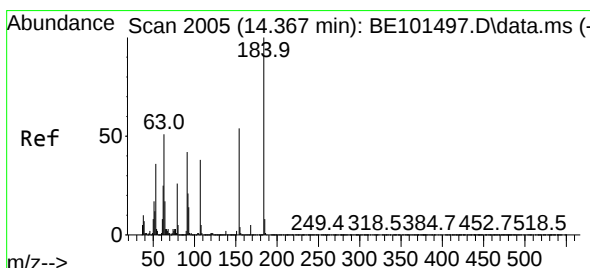
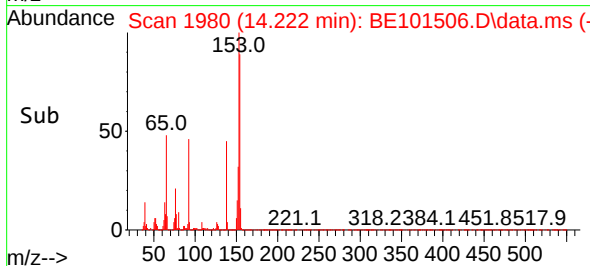
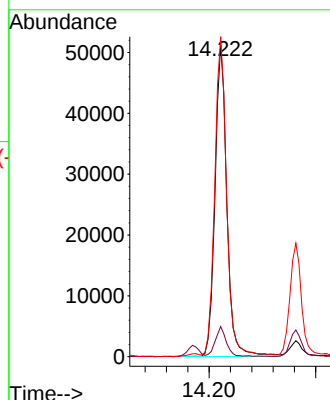
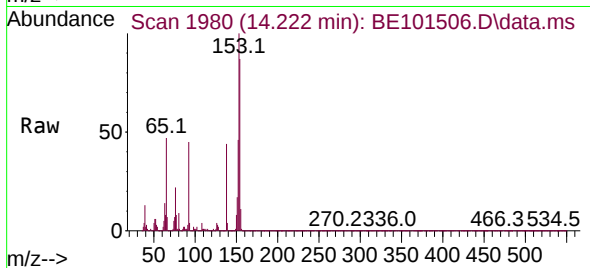




#53
3-Nitroaniline
Concen: 35.505 ng
RT: 14.222 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

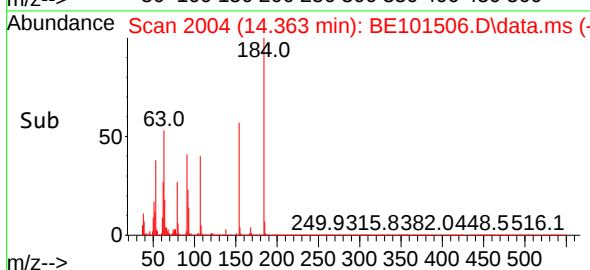
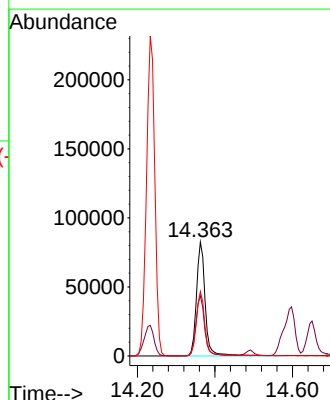
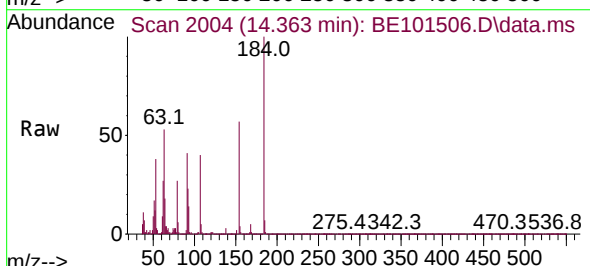
Instrument :
BNA_E
ClientSampleId :
PB164561BS

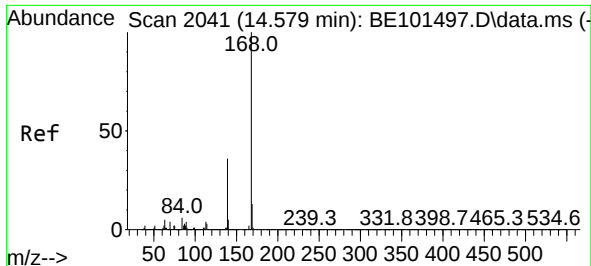
Tgt Ion:138 Resp: 79184
Ion Ratio Lower Upper
138 100
108 9.6 7.2 10.8
92 102.7 83.0 124.4



#54
2,4-Dinitrophenol
Concen: 95.875 ng
RT: 14.363 min Scan# 2004
Delta R.T. -0.004 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:184 Resp: 129071
Ion Ratio Lower Upper
184 100
63 52.8 41.0 61.4
154 56.6 43.2 64.8

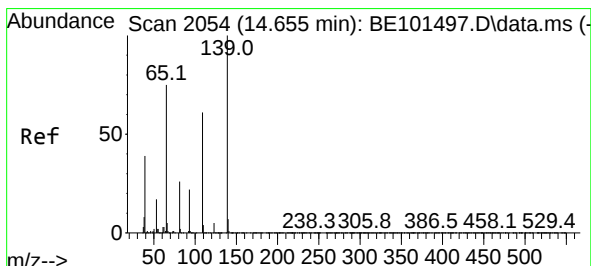
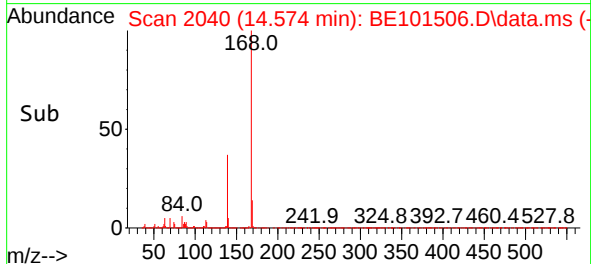
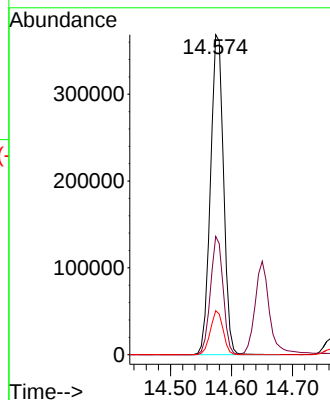
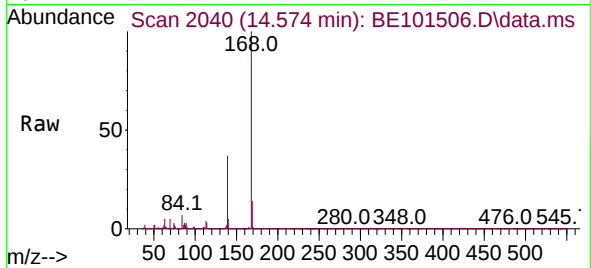




#55
Dibenzofuran
Concen: 47.020 ng
RT: 14.574 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

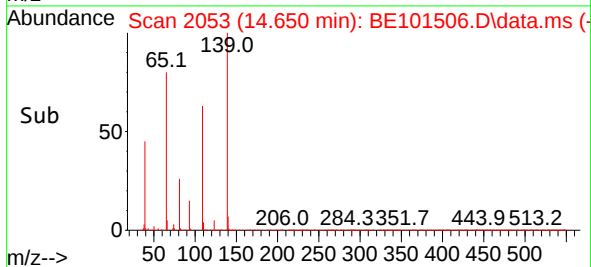
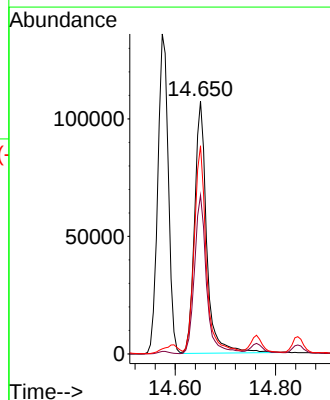
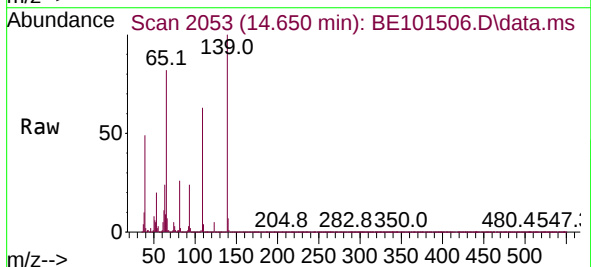
Instrument :
BNA_E
ClientSampleId :
PB164561BS

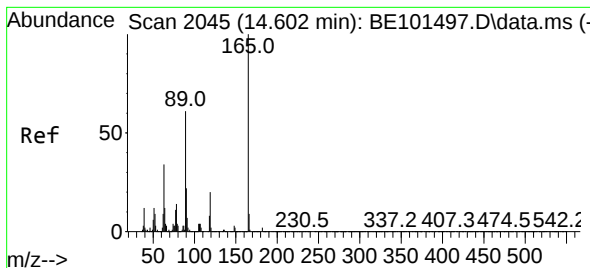
Tgt Ion:168 Resp: 547550
Ion Ratio Lower Upper
168 100
139 36.9 29.1 43.7
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 97.727 ng
RT: 14.650 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:139 Resp: 179973
Ion Ratio Lower Upper
139 100
109 62.8 40.7 80.7
65 82.3 58.0 98.0





#57

2,4-Dinitrotoluene

Concen: 43.966 ng

RT: 14.598 min Scan# 2044

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

Tgt Ion:165 Resp: 141896

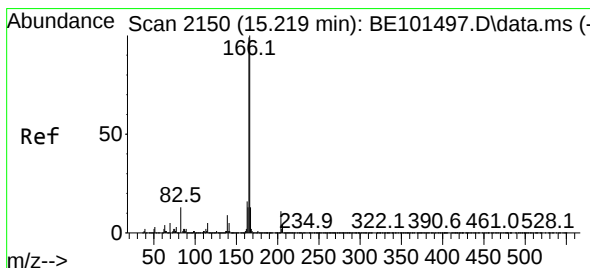
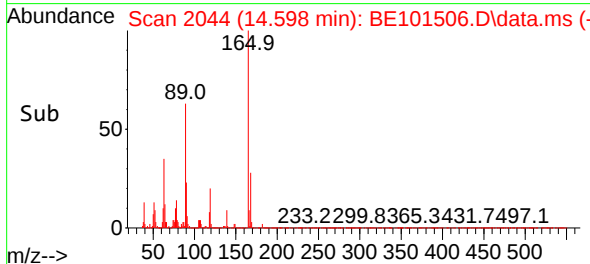
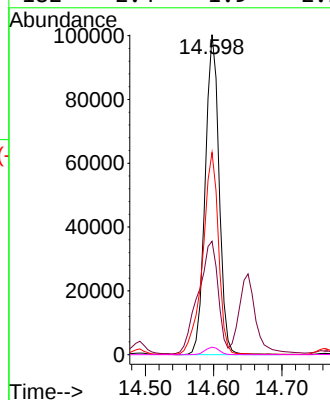
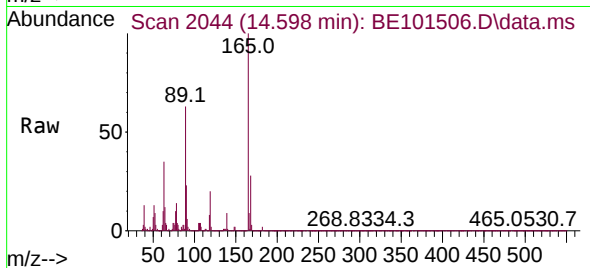
Ion Ratio Lower Upper

165 100

63 35.4 27.8 41.8

89 63.2 49.5 74.3

182 2.4 1.9 2.9



#58

Fluorene

Concen: 46.077 ng

RT: 15.214 min Scan# 2149

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

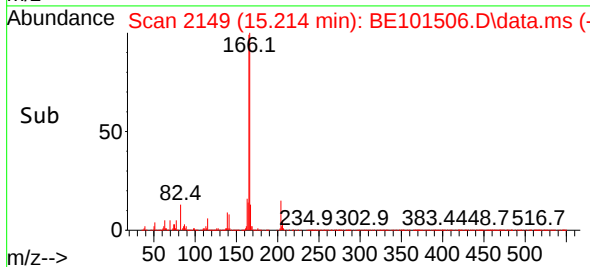
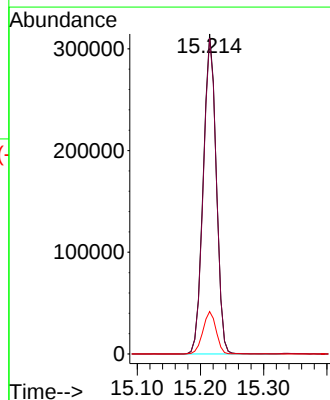
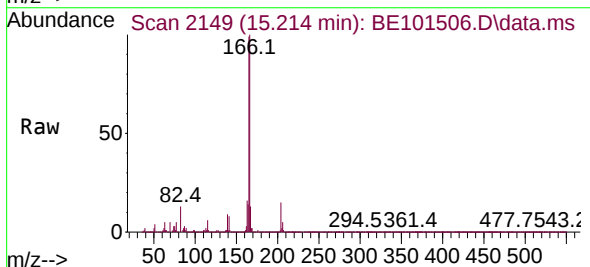
Tgt Ion:166 Resp: 447800

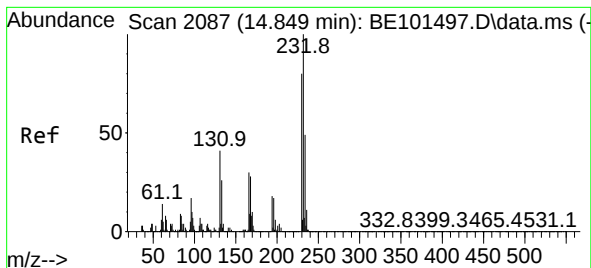
Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

167 13.3 10.6 16.0

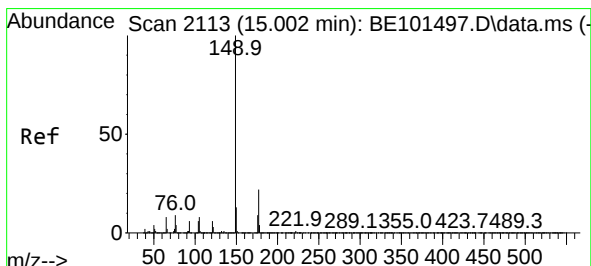
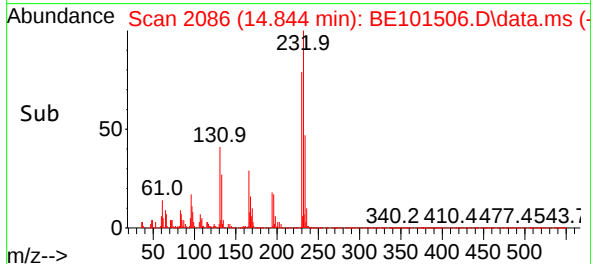
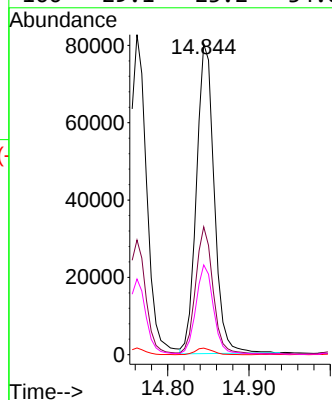
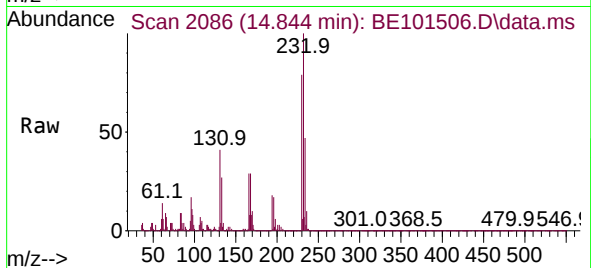




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.701 ng
RT: 14.844 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

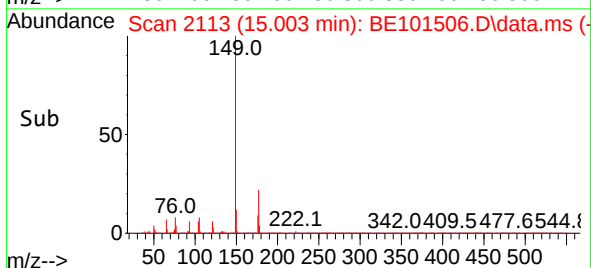
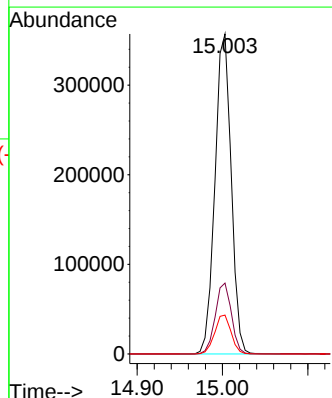
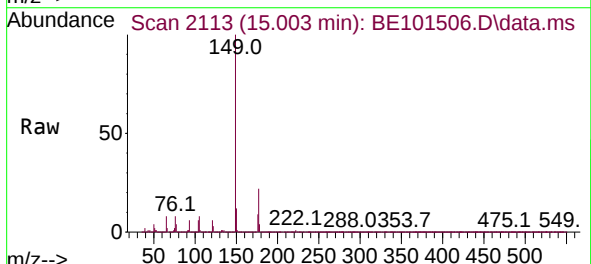
Instrument :
BNA_E
ClientSampleId :
PB164561BS

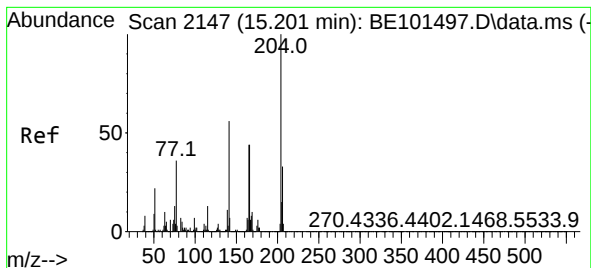
Tgt Ion:232	Resp: 121841
Ion Ratio	Lower Upper
232 100	
131 40.4	32.2 48.4
130 2.1	1.5 2.3
166 29.1	23.2 34.8



#60
Diethylphthalate
Concen: 44.954 ng
RT: 15.003 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:149	Resp: 471776
Ion Ratio	Lower Upper
149 100	
177 22.2	17.9 26.9
150 12.2	10.0 15.0

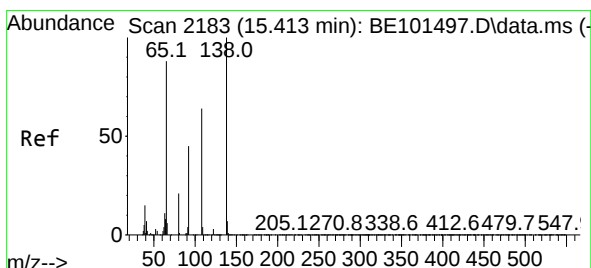
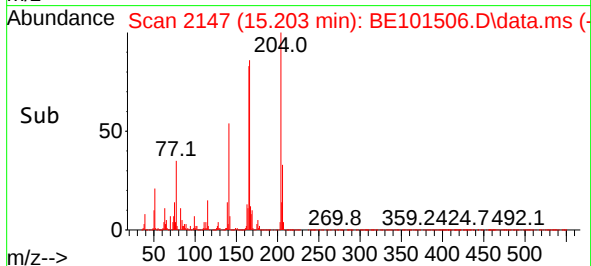
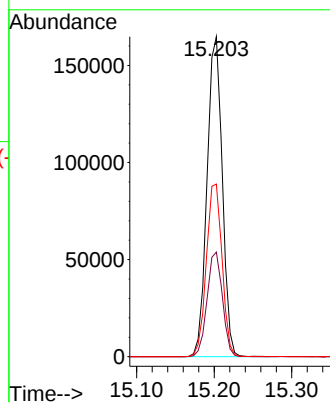
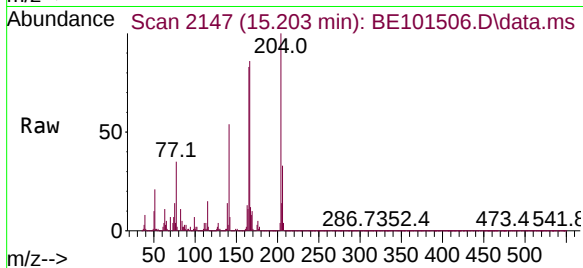




#61
4-Chlorophenyl-phenylether
Concen: 45.490 ng
RT: 15.203 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

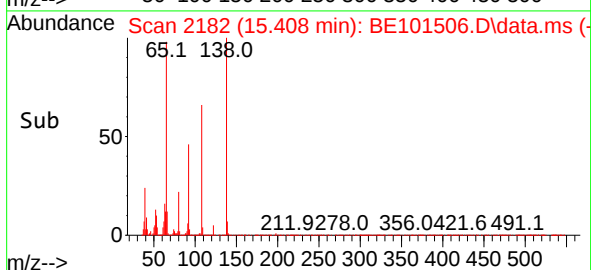
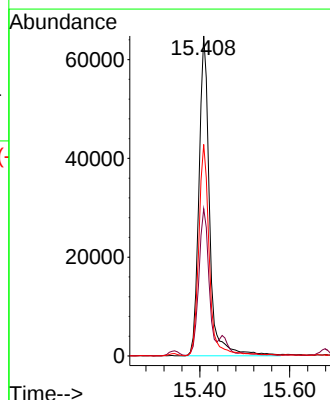
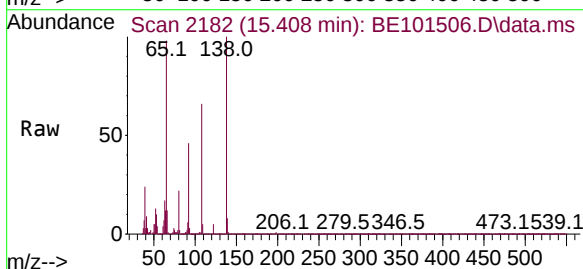
Instrument :
BNA_E
ClientSampleId :
PB164561BS

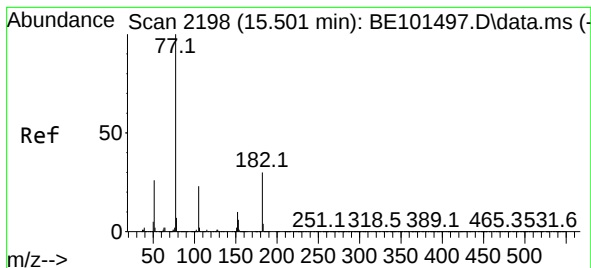
Tgt Ion:204 Resp: 224496
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 53.9 44.8 67.2



#62
4-Nitroaniline
Concen: 44.257 ng
RT: 15.408 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:138 Resp: 106340
Ion Ratio Lower Upper
138 100
92 46.0 25.7 65.7
108 66.1 44.4 84.4





#63

Azobenzene

Concen: 47.102 ng

RT: 15.497 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

Tgt Ion: 77 Resp: 403281

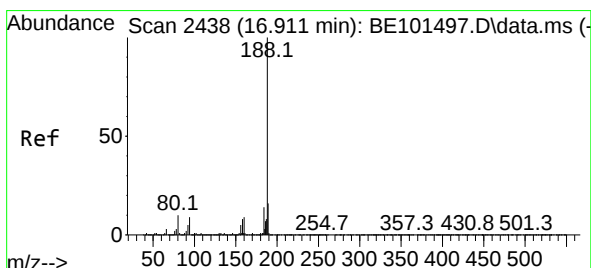
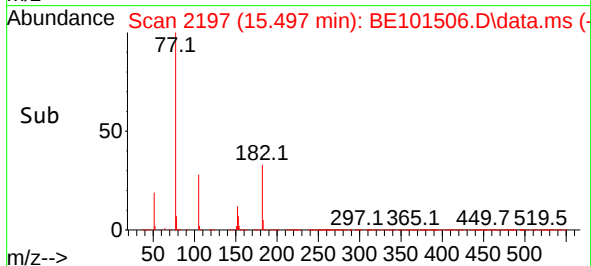
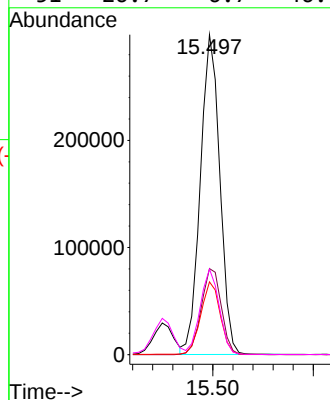
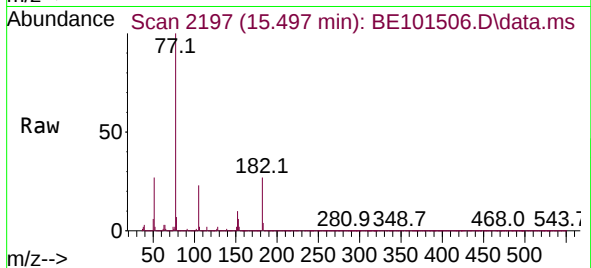
Ion Ratio Lower Upper

77 100

182 26.9 9.1 49.1

105 22.7 3.2 43.2

51 26.7 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.907 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

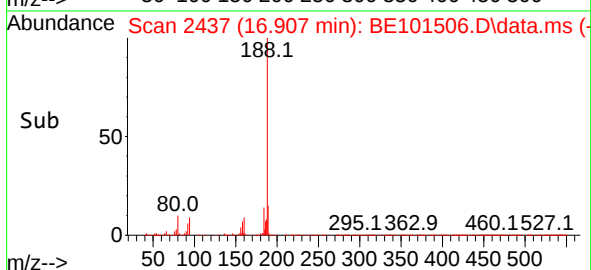
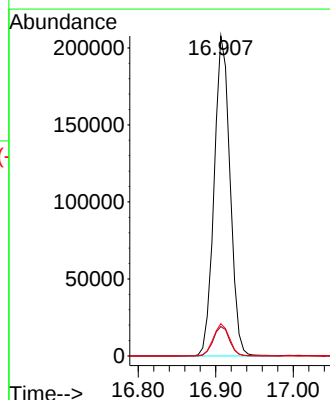
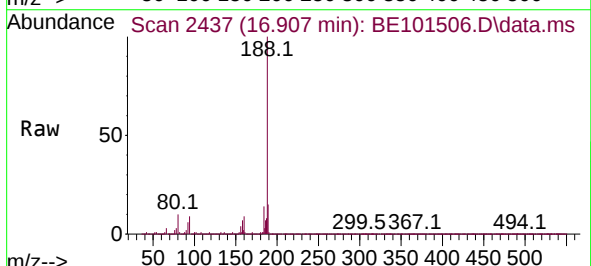
Tgt Ion:188 Resp: 295636

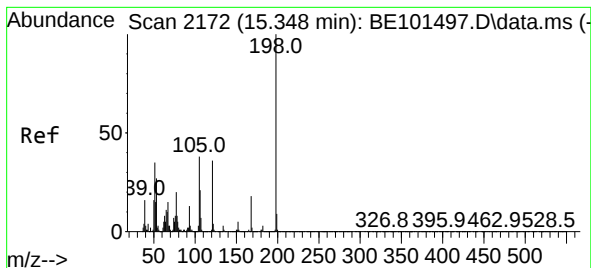
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.1 8.0 12.0

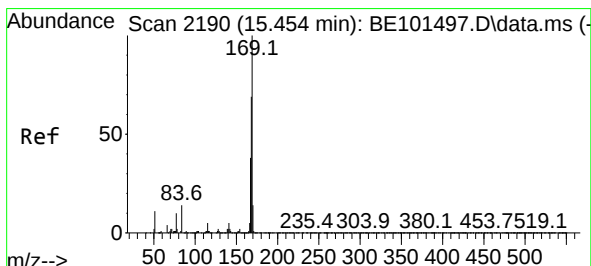
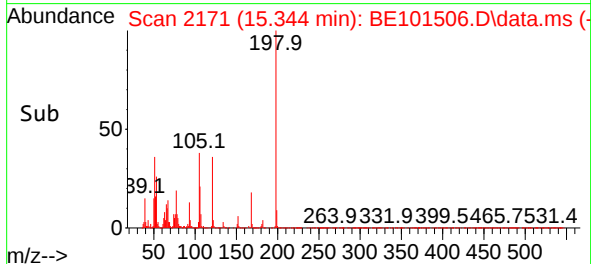
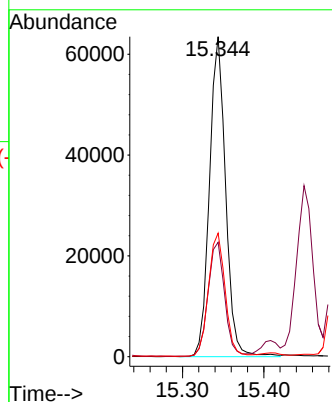
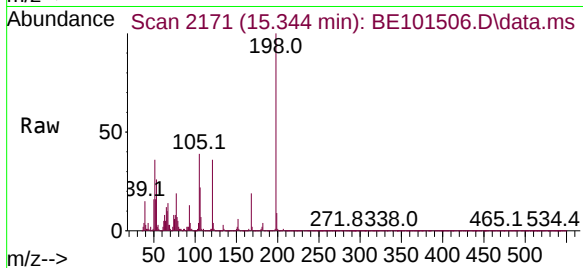




#65
4,6-Dinitro-2-methylphenol
Concen: 49.792 ng
RT: 15.344 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

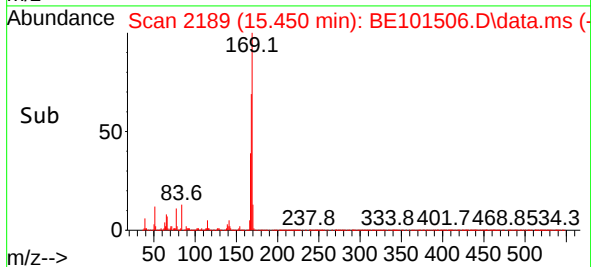
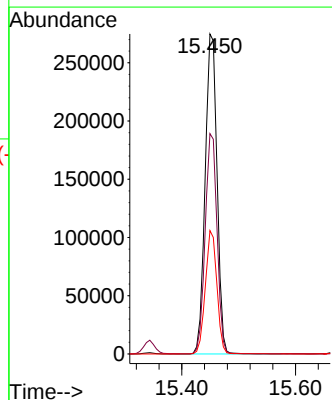
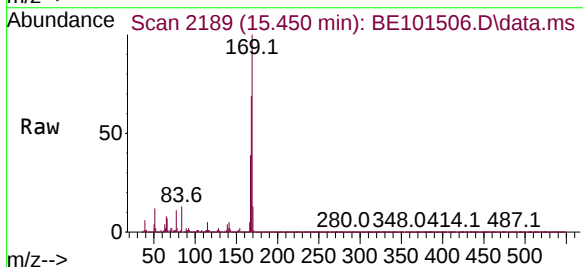
Instrument :
BNA_E
ClientSampleId :
PB164561BS

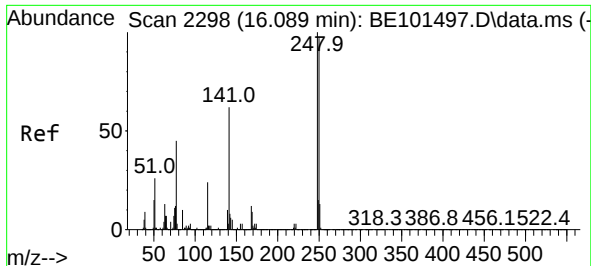
Tgt Ion:198 Resp: 87380
Ion Ratio Lower Upper
198 100
51 35.8 15.3 55.3
105 38.6 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 50.619 ng
RT: 15.450 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:169 Resp: 397140
Ion Ratio Lower Upper
169 100
168 68.9 55.5 83.3
167 38.6 30.4 45.6

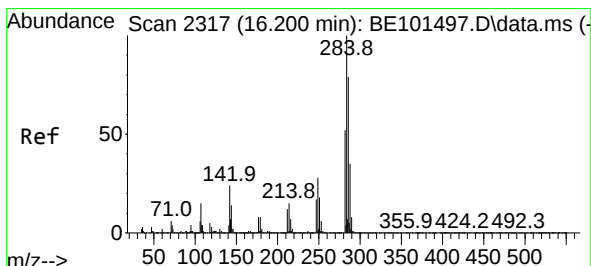
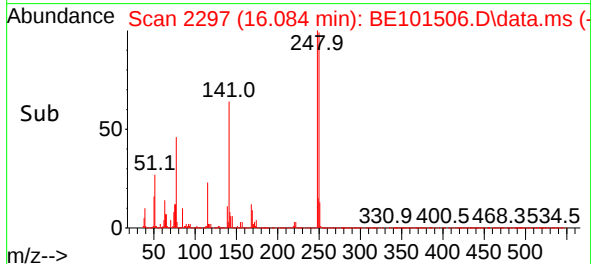
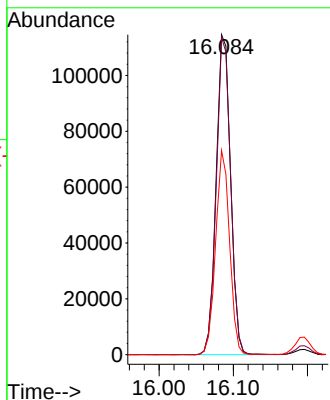
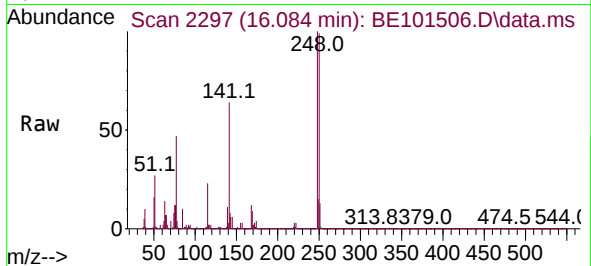




#67
4-Bromophenyl-phenylether
Concen: 47.413 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

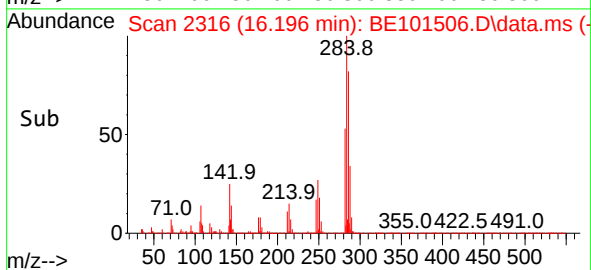
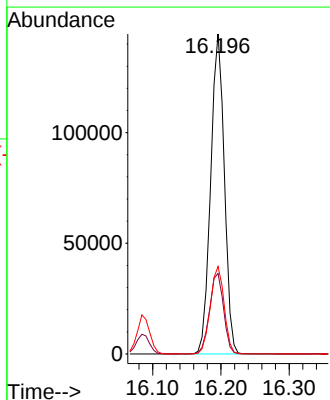
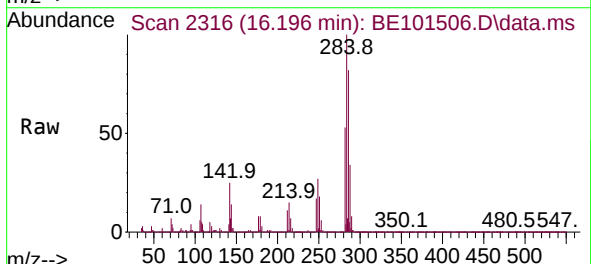
Instrument :
BNA_E
ClientSampleId :
PB164561BS

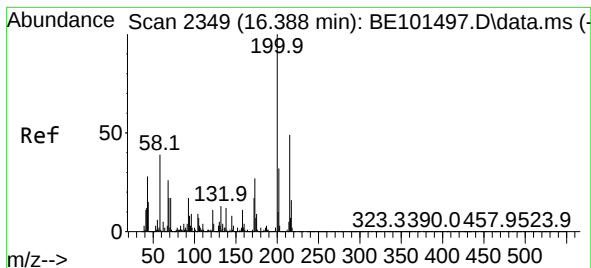
Tgt Ion:248 Resp: 154597
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 63.8 50.0 75.0



#68
Hexachlorobenzene
Concen: 46.905 ng
RT: 16.196 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:284 Resp: 201283
Ion Ratio Lower Upper
284 100
142 25.2 19.4 29.2
249 27.4 22.4 33.6





#69

Atrazine

Concen: 59.011 ng

RT: 16.384 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

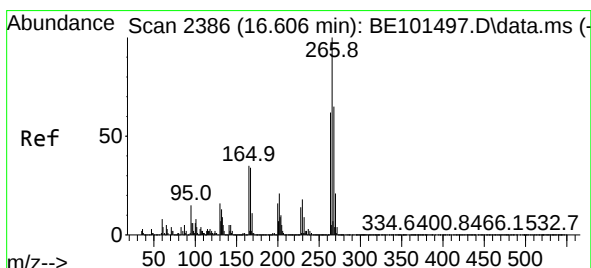
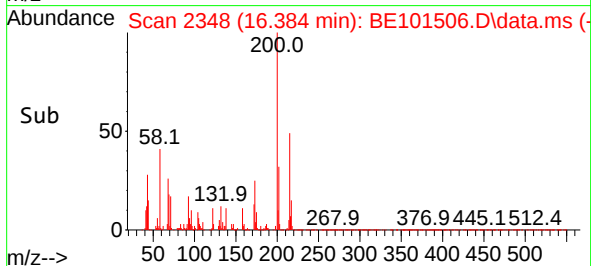
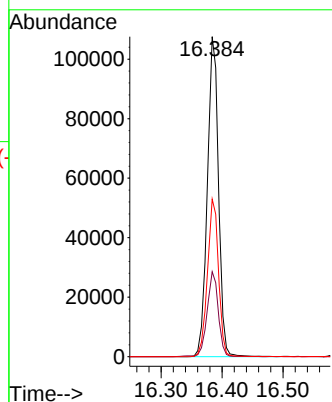
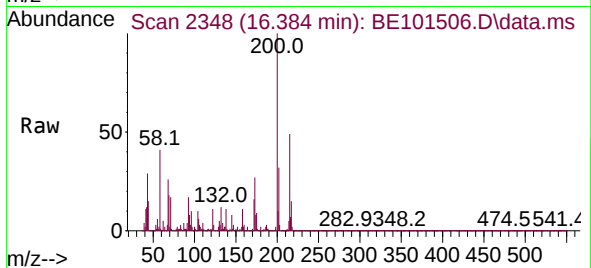
Tgt Ion:200 Resp: 136688

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 49.3 28.9 68.9



#70

Pentachlorophenol

Concen: 98.347 ng

RT: 16.607 min Scan# 2386

Delta R.T. 0.001 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

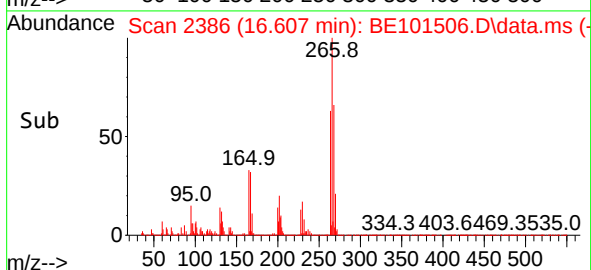
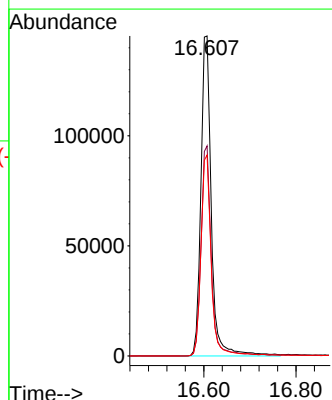
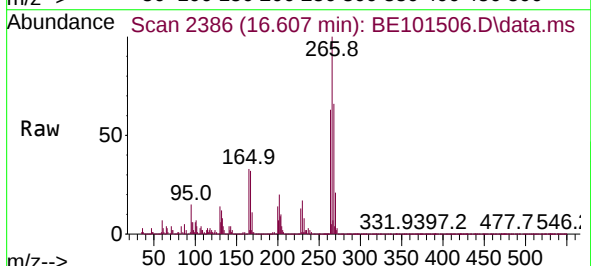
Tgt Ion:266 Resp: 228991

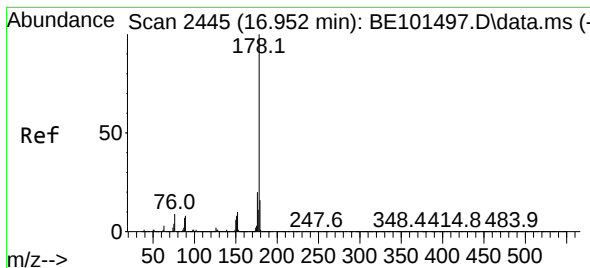
Ion Ratio Lower Upper

266 100

268 65.6 52.0 78.0

264 62.8 49.6 74.4





#71

Phenanthrene

Concen: 49.363 ng

RT: 16.948 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

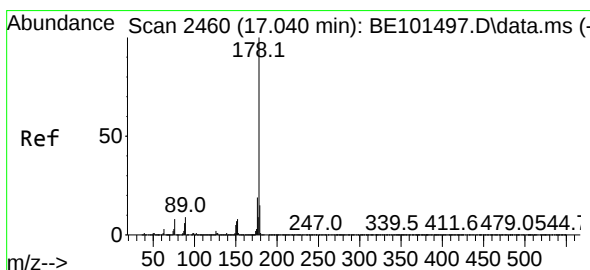
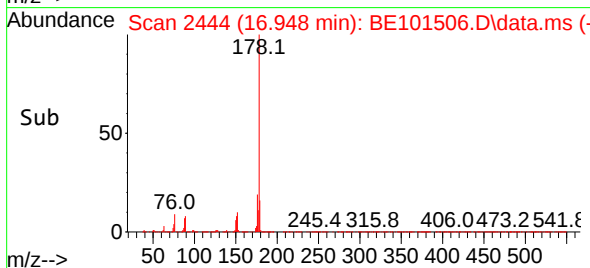
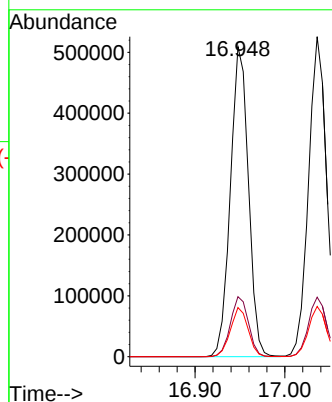
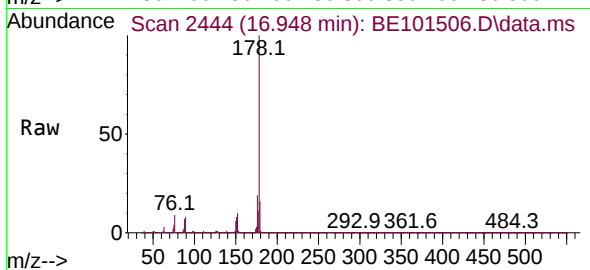
Tgt Ion:178 Resp: 709781

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.9 12.6 19.0



#72

Anthracene

Concen: 51.628 ng

RT: 17.036 min Scan# 2459

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

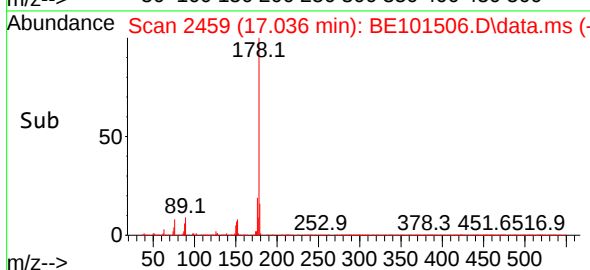
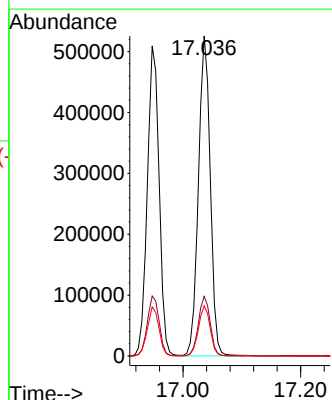
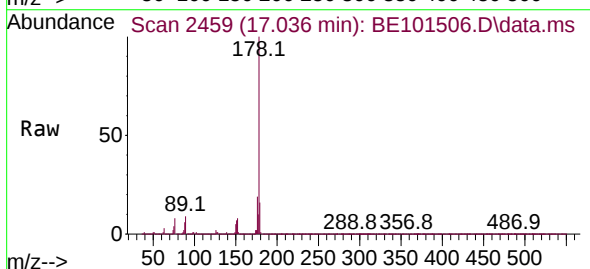
Tgt Ion:178 Resp: 733097

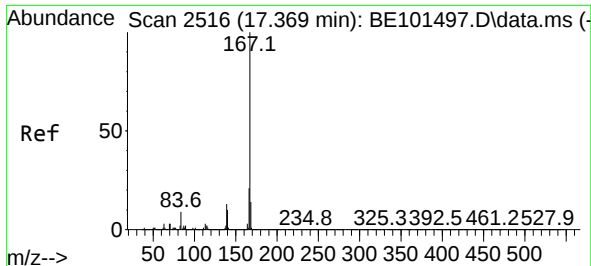
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.7 12.4 18.6

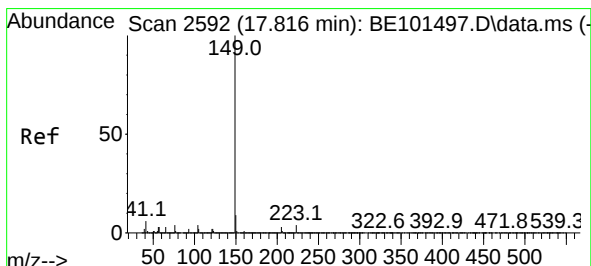
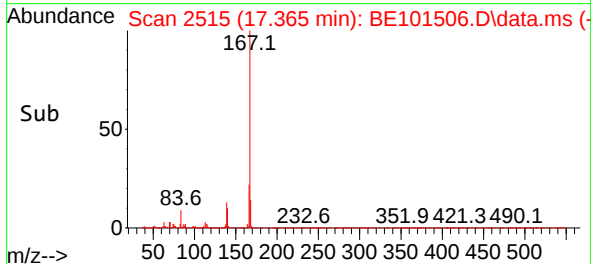
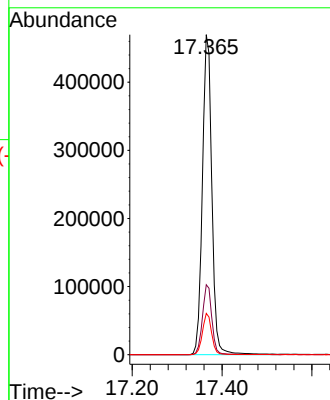
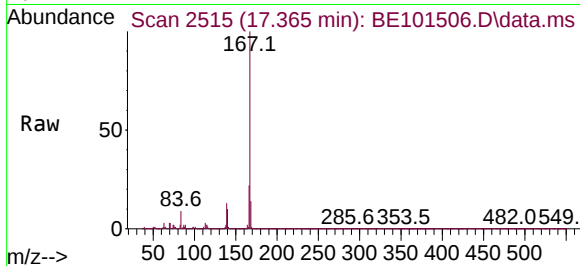




#73
 Carbazole
 Concen: 48.171 ng
 RT: 17.365 min Scan# 2516
 Delta R.T. -0.005 min
 Lab File: BE101506.D
 Acq: 6 Nov 2024 21:40

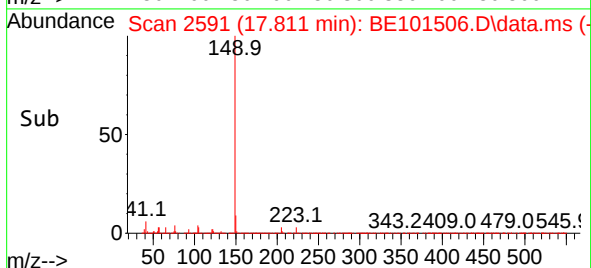
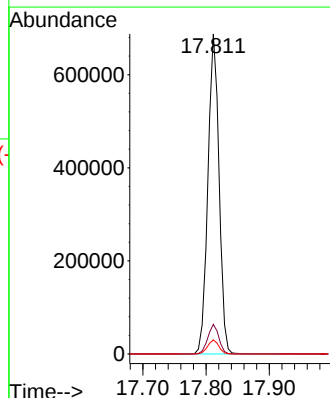
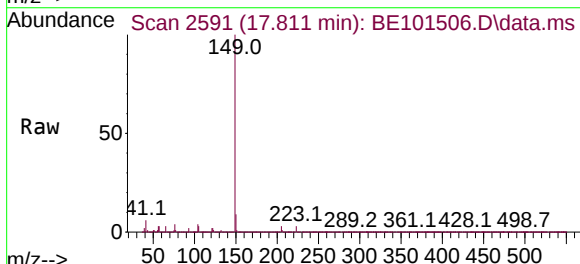
Instrument :
 BNA_E
 ClientSampleId :
 PB164561BS

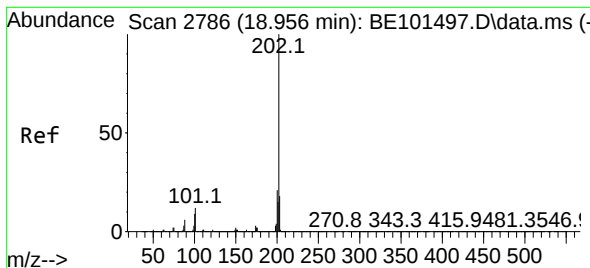
Tgt Ion:167 Resp: 685944
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 47.928 ng
 RT: 17.811 min Scan# 2591
 Delta R.T. -0.005 min
 Lab File: BE101506.D
 Acq: 6 Nov 2024 21:40

Tgt Ion:149 Resp: 842813
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.4 3.4 5.2





#75

Fluoranthene

Concen: 47.913 ng

RT: 18.957 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

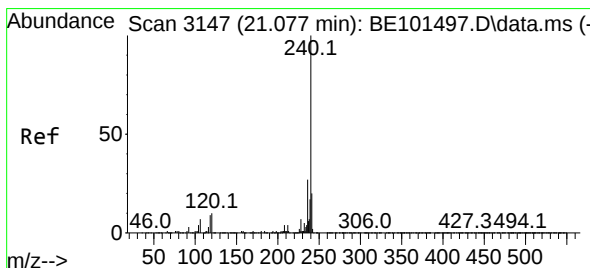
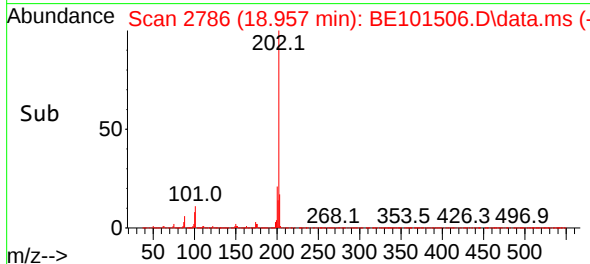
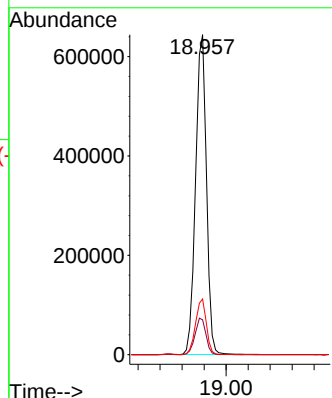
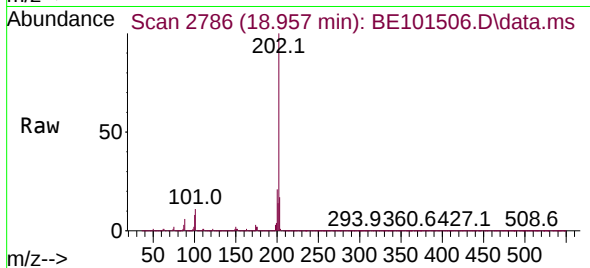
Tgt Ion:202 Resp: 883304

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.7

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

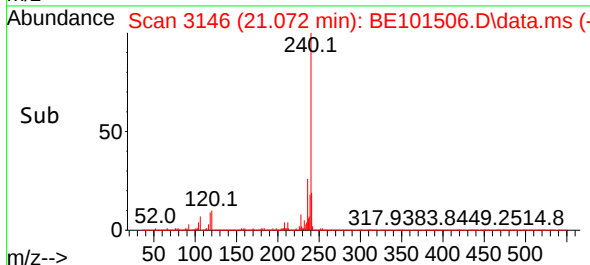
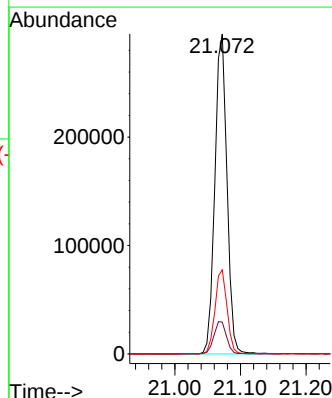
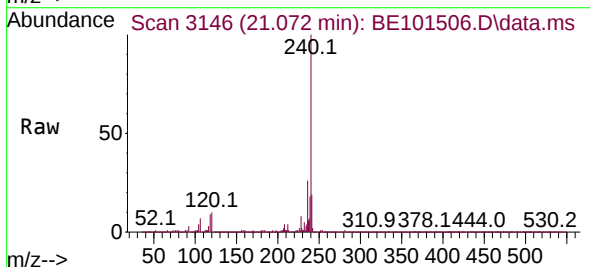
Tgt Ion:240 Resp: 377795

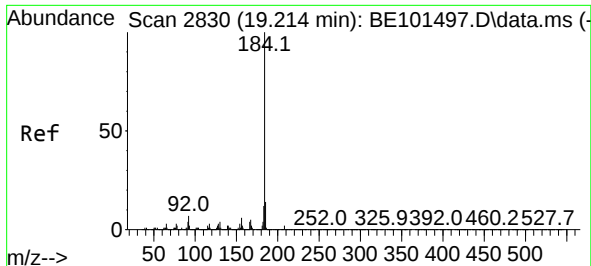
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.4

236 26.3 21.4 32.2

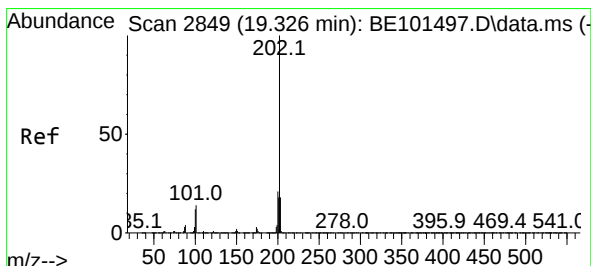
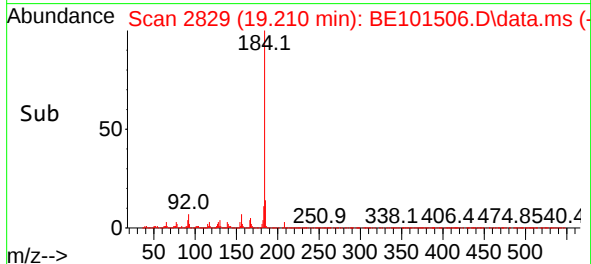
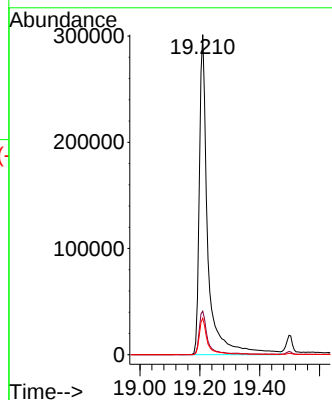
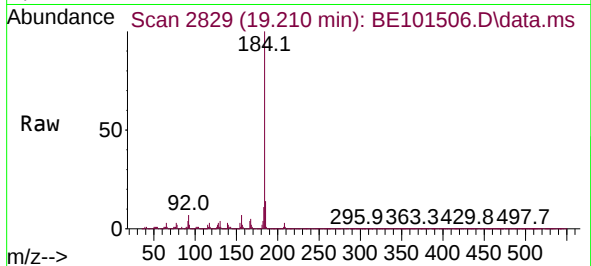




#77
Benzidine
Concen: 73.551 ng
RT: 19.210 min Scan# 2829
Delta R.T. -0.004 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

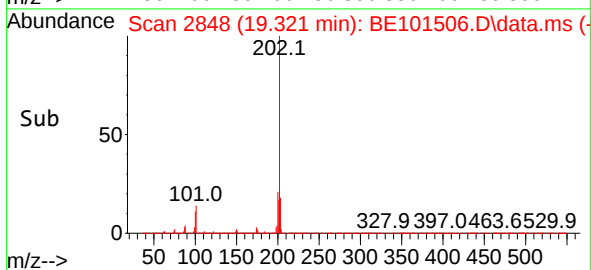
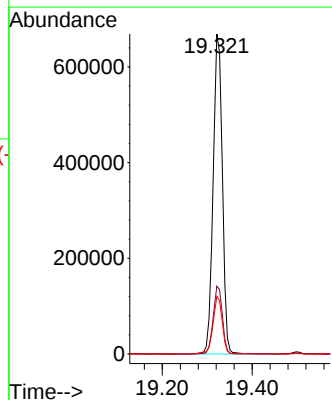
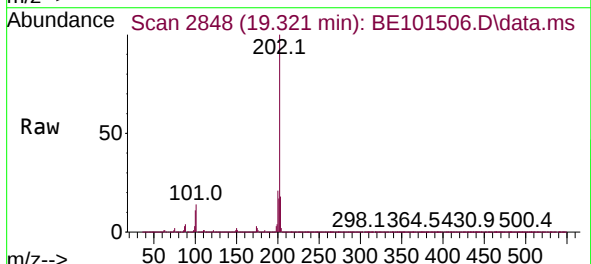
Instrument :
BNA_E
ClientSampleId :
PB164561BS

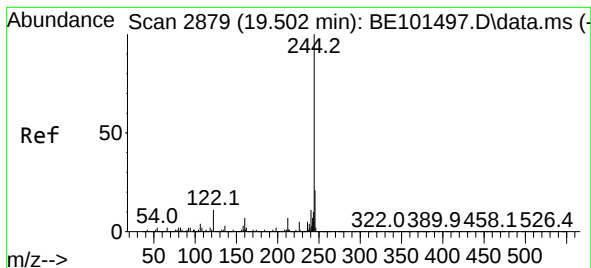
Tgt Ion:184 Resp: 596895
Ion Ratio Lower Upper
184 100
185 13.6 11.2 16.8
183 11.4 9.4 14.0



#78
Pyrene
Concen: 44.209 ng
RT: 19.321 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:202 Resp: 950311
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 94.191 ng

RT: 19.504 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

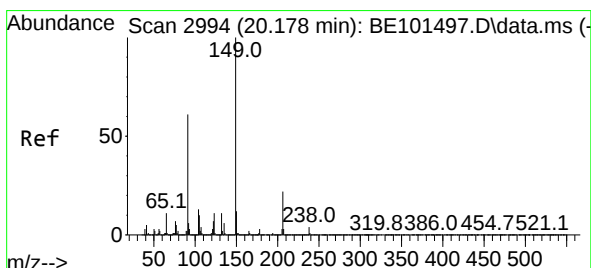
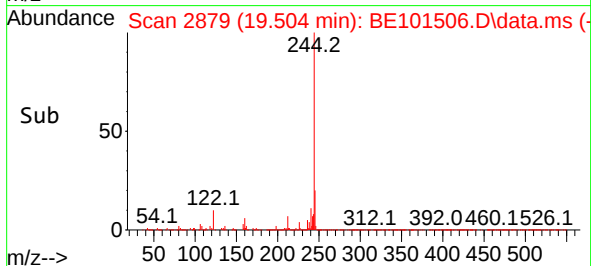
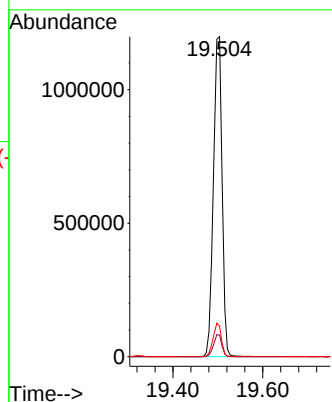
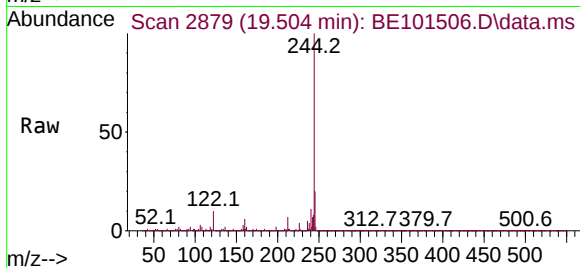
Tgt Ion:244 Resp: 1607581

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 9.6 8.4 12.6



#80

Butylbenzylphthalate

Concen: 45.210 ng

RT: 20.173 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

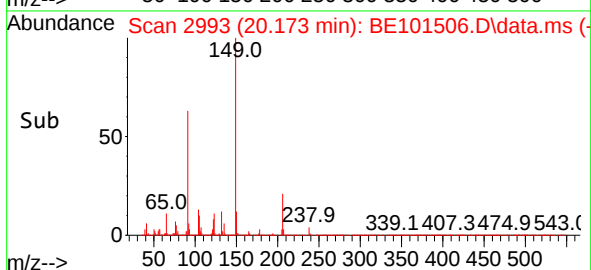
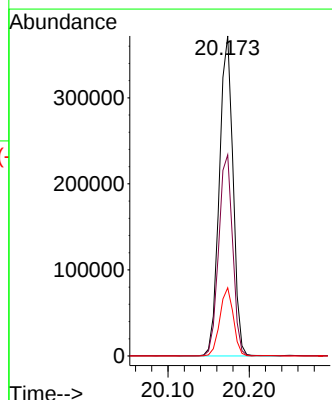
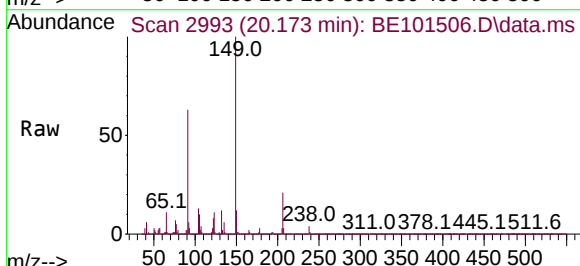
Tgt Ion:149 Resp: 436738

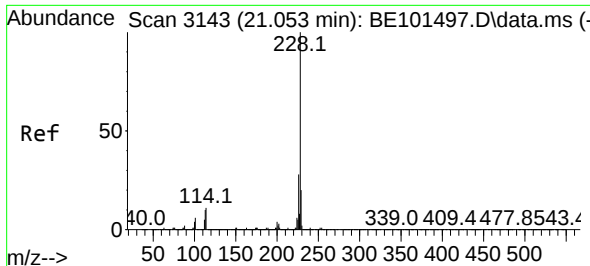
Ion Ratio Lower Upper

149 100

91 62.8 49.2 73.8

206 21.3 17.4 26.2

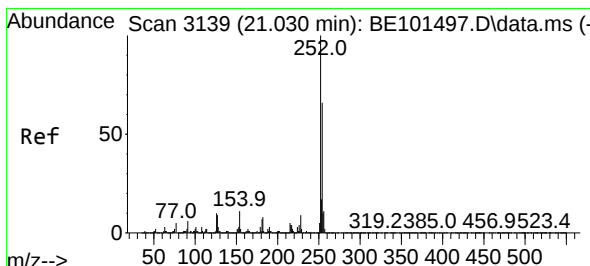
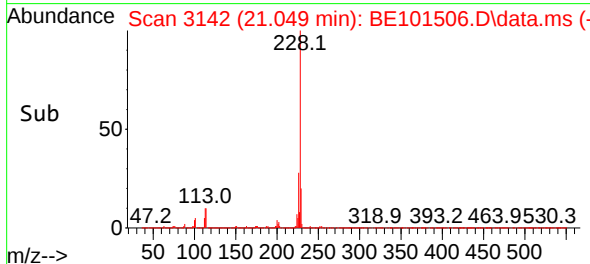
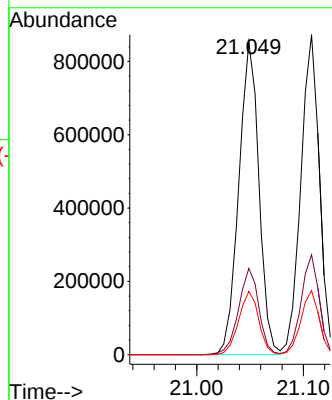
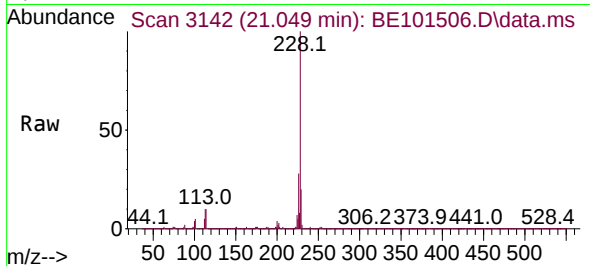




#81
Benzo(a)anthracene
Concen: 50.045 ng
RT: 21.049 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

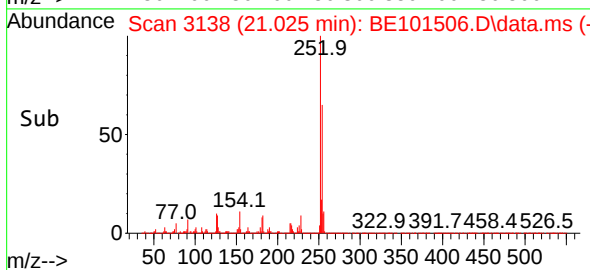
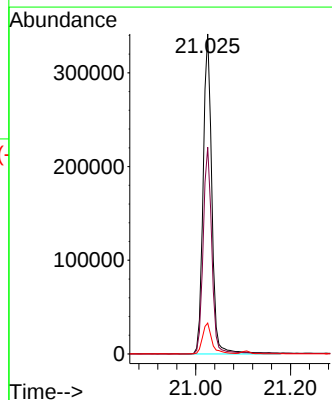
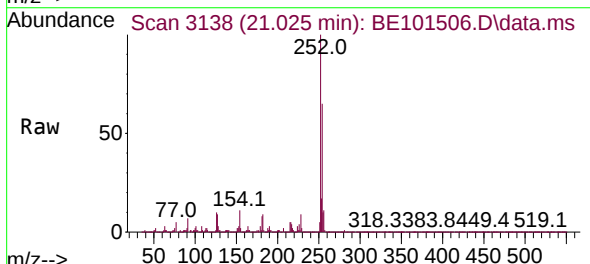
Instrument :
BNA_E
ClientSampleId :
PB164561BS

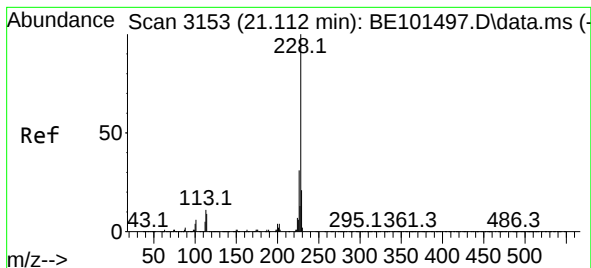
Tgt Ion:228 Resp: 1122873
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 49.157 ng
RT: 21.025 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:252 Resp: 434178
Ion Ratio Lower Upper
252 100
254 64.6 52.9 79.3
126 9.6 7.8 11.6





#83

Chrysene

Concen: 49.952 ng

RT: 21.108 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

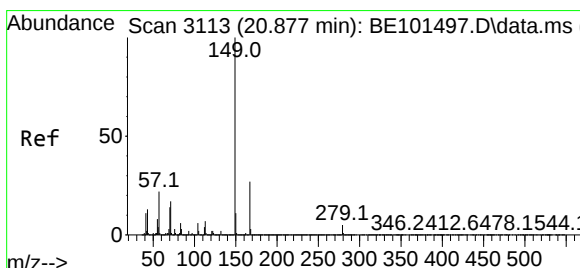
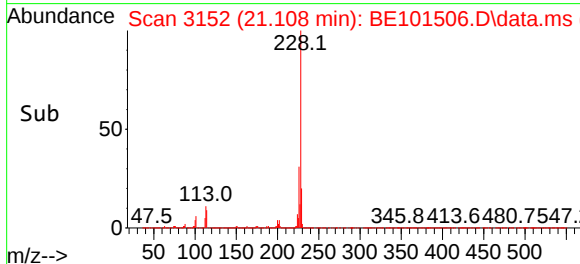
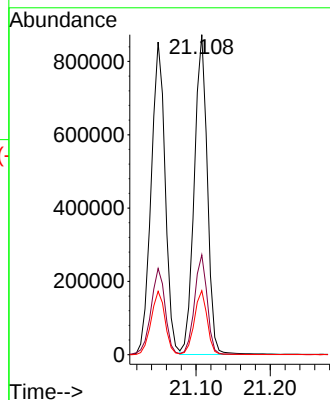
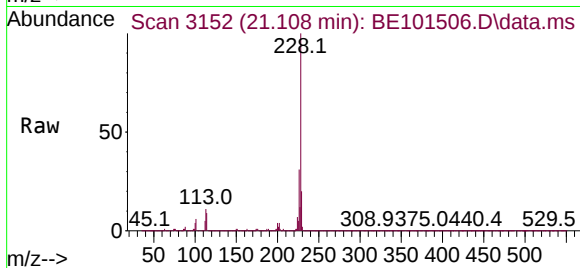
Tgt Ion:228 Resp: 1065318

Ion Ratio Lower Upper

228 100

226 31.2 25.1 37.7

229 20.0 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.004 ng

RT: 20.873 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

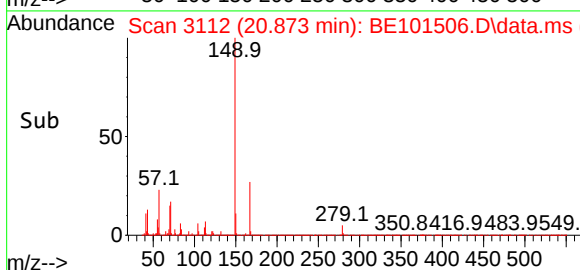
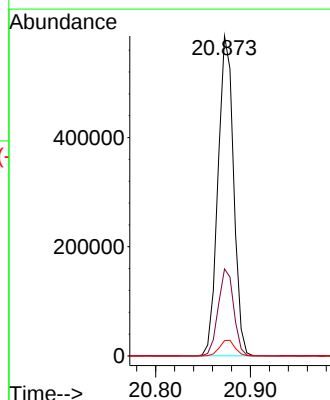
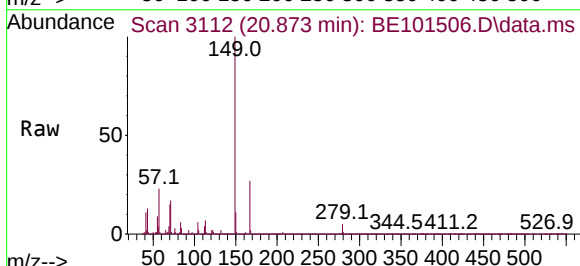
Tgt Ion:149 Resp: 671890

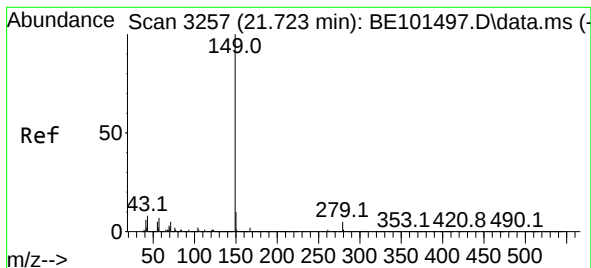
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.202 ng

RT: 21.719 min Scan# 31

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

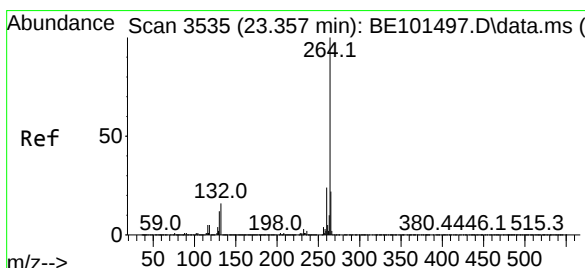
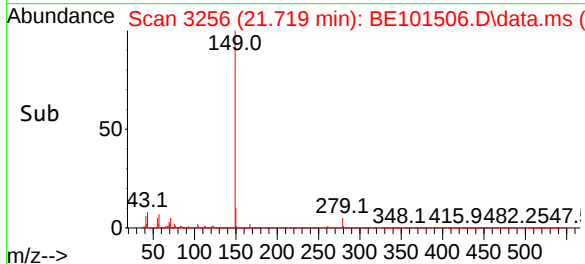
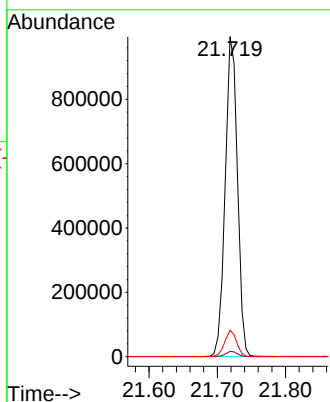
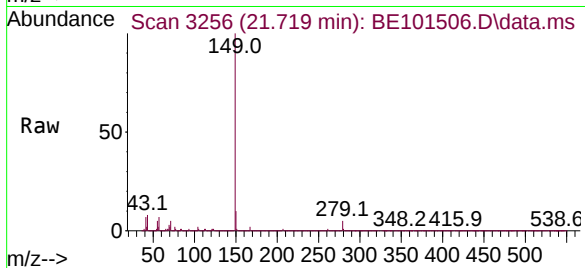
Tgt Ion:149 Resp: 1240398

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.352 min Scan# 3534

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

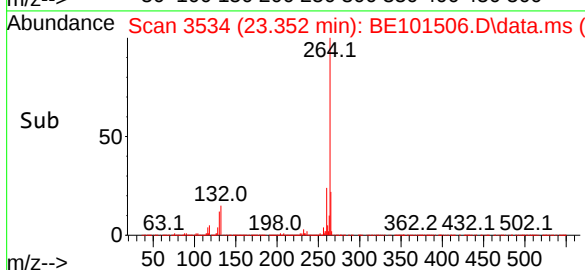
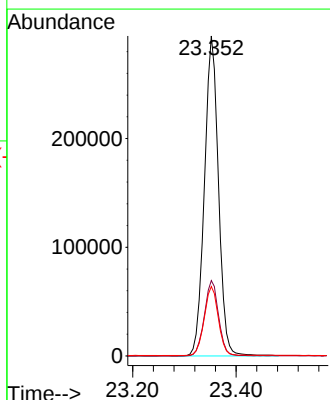
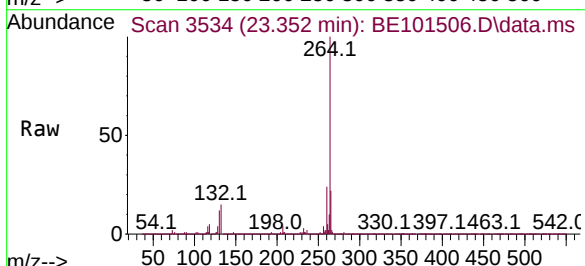
Tgt Ion:264 Resp: 554255

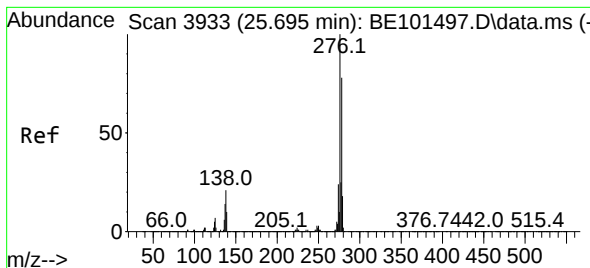
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.954 ng

RT: 25.685 min Scan# 3933

Delta R.T. -0.010 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

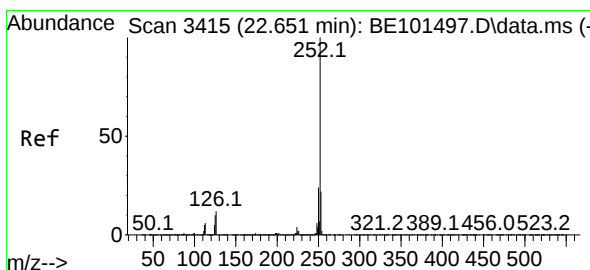
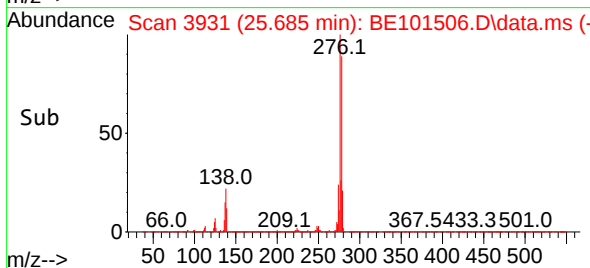
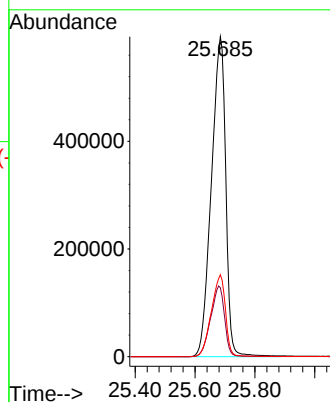
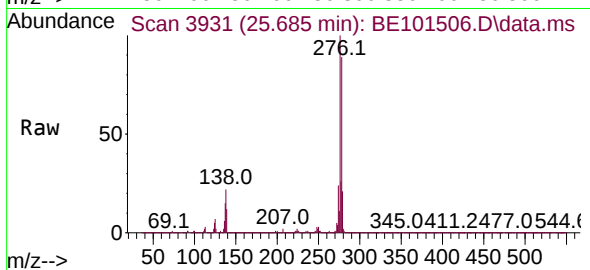
Tgt Ion:276 Resp: 1978830

Ion Ratio Lower Upper

276 100

138 21.4 17.0 25.6

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.292 ng

RT: 22.647 min Scan# 3414

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

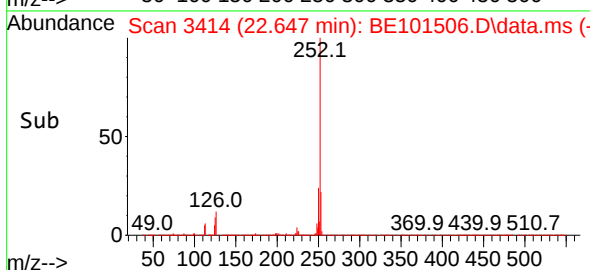
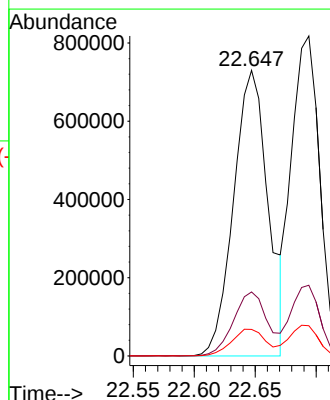
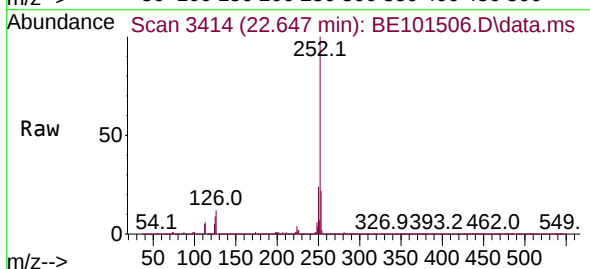
Tgt Ion:252 Resp: 1438078

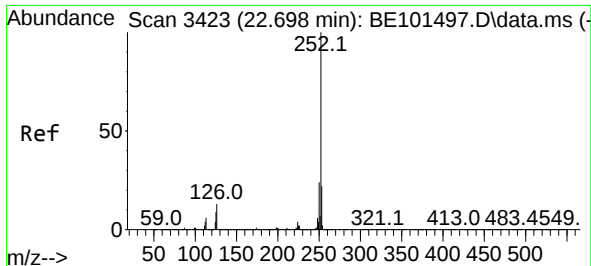
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.3 7.8 11.8

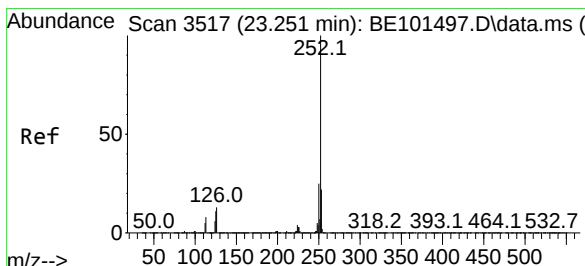
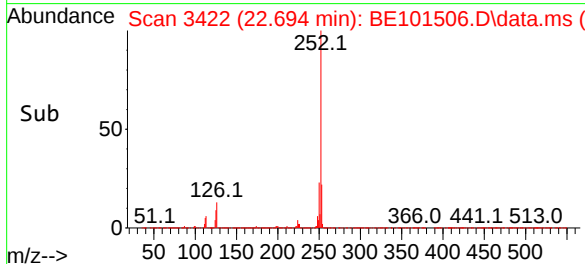
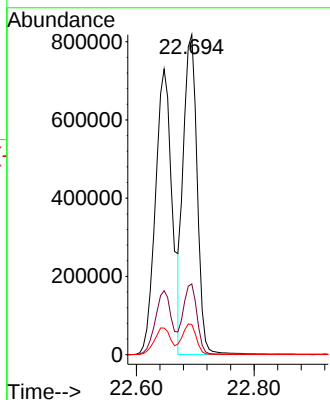
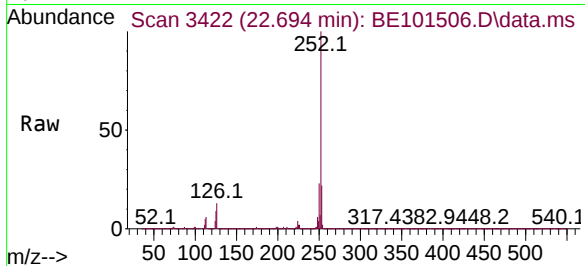




#89
Benzo(k)fluoranthene
Concen: 48.030 ng
RT: 22.694 min Scan# 341
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

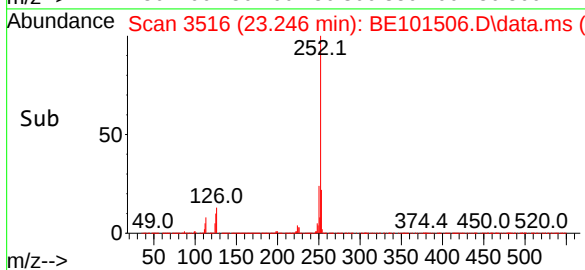
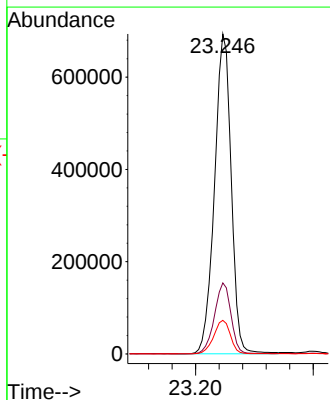
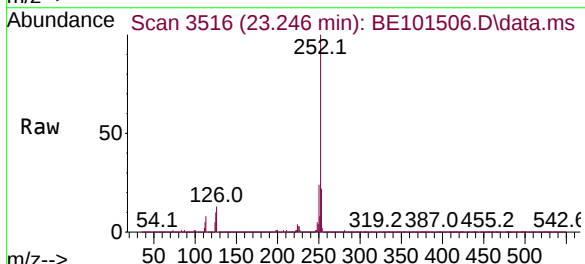
Instrument :
BNA_E
ClientSampleId :
PB164561BS

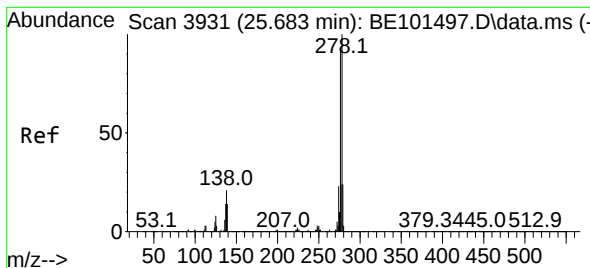
Tgt Ion:252 Resp: 1325836
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 51.876 ng
RT: 23.246 min Scan# 3516
Delta R.T. -0.005 min
Lab File: BE101506.D
Acq: 6 Nov 2024 21:40

Tgt Ion:252 Resp: 1361893
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 51.613 ng

RT: 25.679 min Scan# 3931

Delta R.T. -0.005 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Instrument :

BNA_E

ClientSampleId :

PB164561BS

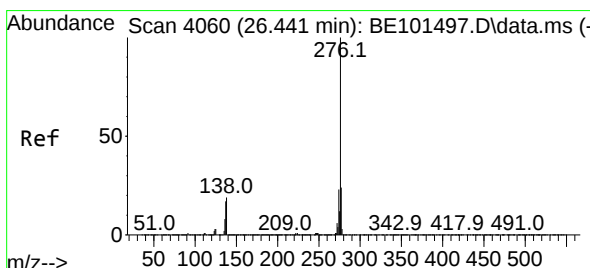
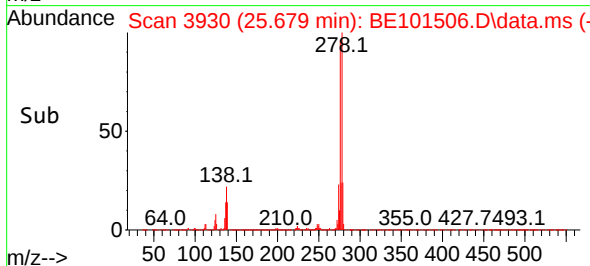
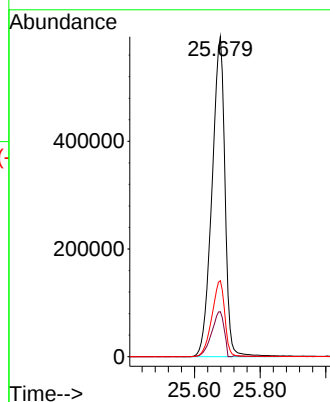
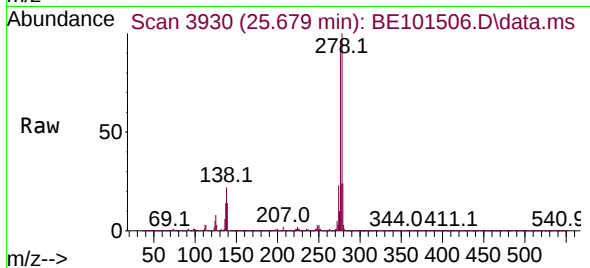
Tgt Ion:278 Resp: 1637193

Ion Ratio Lower Upper

278 100

139 14.1 11.2 16.8

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.726 ng

RT: 26.431 min Scan# 4058

Delta R.T. -0.010 min

Lab File: BE101506.D

Acq: 6 Nov 2024 21:40

Tgt Ion:276 Resp: 1505833

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 18.4 15.3 22.9

