

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101569.D
 Acq On : 11 Nov 2024 13:21
 Operator : RC/JU
 Sample : P4756-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-B4MSD

Quant Time: Nov 11 13:01:12 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	7.558	152	40526	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	180473	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	119518	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	280842	20.000	ng	0.00
76) Chrysene-d12	21.072	240	338384	20.000	ng	0.00
86) Perylene-d12	23.352	264	428684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.308	112	413905	180.589	ng	0.00
7) Phenol-d6	6.941	99	537426	171.021	ng	0.00
23) Nitrobenzene-d5	8.769	82	324476	113.565	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	387261	172.195	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	832246	113.698	ng	0.00
79) Terphenyl-d14	19.497	244	1756893	114.928	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	35999	42.206	ng	# 85
3) Pyridine	3.628	79	87475	36.671	ng	98
4) n-Nitrosodimethylamine	3.539	42	51256	54.262	ng	90
6) Aniline	7.024	93	218192	92.511	ng	# 61
8) 2-Chlorophenol	7.200	128	150182	55.307	ng	98
9) Benzaldehyde	6.771	77	4749	3.090	ng	96
10) Phenol	6.965	94	196124	57.336	ng	100
11) bis(2-Chloroethyl)ether	7.024	93	218192	77.054	ng	96
12) 1,3-Dichlorobenzene	7.441	146	110484	37.270	ng	98
13) 1,4-Dichlorobenzene	7.588	146	114305	38.068	ng	98
14) 1,2-Dichlorobenzene	7.917	146	114063	38.699	ng	100
15) Benzyl Alcohol	7.893	79	106642	58.095	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.052	45	171309	51.108	ng	96
17) 2-Methylphenol	8.146	107	127705	57.666	ng	98
18) Hexachloroethane	8.610	117	38239	37.710	ng	99
19) n-Nitroso-di-n-propyla...	8.357	70	111220	53.678	ng	98
20) 3+4-Methylphenols	8.481	107	177307	57.743	ng	96
22) Acetophenone	8.410	105	211063	51.641	ng	# 99
24) Nitrobenzene	8.810	77	149742	50.388	ng	98
25) Isophorone	9.256	82	309571	55.675	ng	98
26) 2-Nitrophenol	9.491	139	84629	53.512	ng	97
27) 2,4-Dimethylphenol	9.615	122	131874	72.066	ng	99
28) bis(2-Chloroethoxy)met...	9.756	93	182904	53.738	ng	99
29) 2,4-Dichlorophenol	10.049	162	150406	57.900	ng	98
30) 1,2,4-Trichlorobenzene	10.167	180	121940	42.049	ng	99
31) Naphthalene	10.373	128	434346	47.673	ng	99
32) Benzoic acid	9.897	122	79985	46.953	ng	98
33) 4-Chloroaniline	10.608	127	21820	6.810	ng	95
34) Hexachlorobutadiene	10.619	225	73429	41.082	ng	99
35) Caprolactam	11.389	113	17908	18.773	ng	95
36) 4-Chloro-3-methylphenol	11.783	107	168301	59.330	ng	99
37) 2-Methylnaphthalene	11.965	142	333736	51.572	ng	98
38) 1-Methylnaphthalene	12.188	142	318444	49.344	ng	99
40) 1,2,4,5-Tetrachloroben...	12.323	216	167697	53.219	ng	99
41) Hexachlorocyclopentadiene	12.300	237	197210	214.466	ng	97
43) 2,4,6-Trichlorophenol	12.641	196	134566	62.182	ng	97

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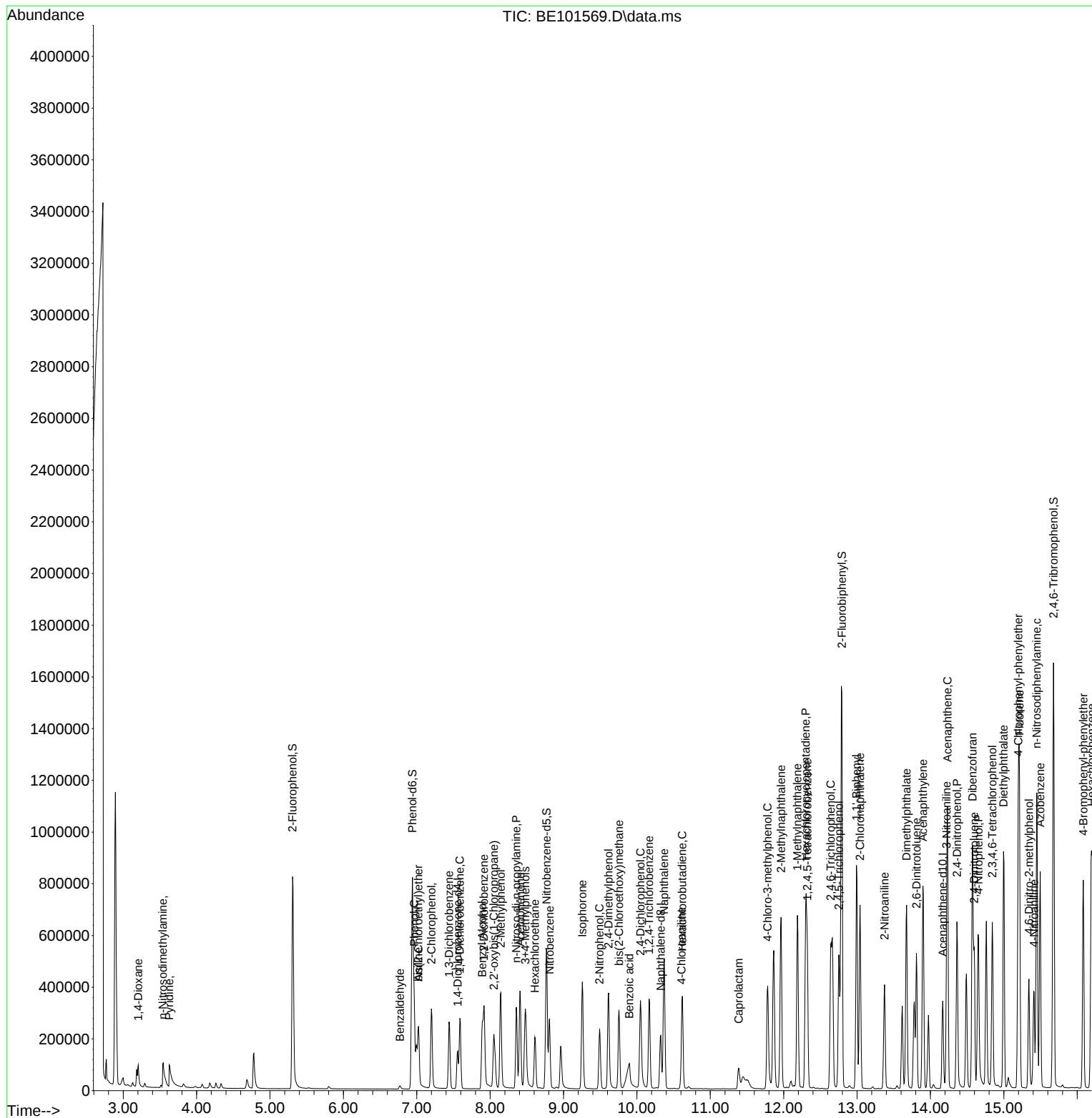
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	146530	60.778	ng	98
46) 1,1'-Biphenyl	12.993	154	458493	55.614	ng	99
47) 2-Chloronaphthalene	13.040	162	350184	53.854	ng	99
48) 2-Nitroaniline	13.375	65	110281	64.072	ng	98
49) Acenaphthylene	13.898	152	596571	61.566	ng	100
50) Dimethylphthalate	13.675	163	510689	60.004	ng	100
51) 2,6-Dinitrotoluene	13.810	165	111994	57.013	ng	97
52) Acenaphthene	14.233	154	362345	58.599	ng	100
53) 3-Nitroaniline	14.221	138	49863	26.147	ng	98
54) 2,4-Dinitrophenol	14.362	184	161938	140.675	ng	95
55) Dibenzofuran	14.574	168	580604	58.308	ng	100
56) 4-Nitrophenol	14.656	139	212713	135.081	ng	97
57) 2,4-Dinitrotoluene	14.597	165	164121	59.471	ng	99
58) Fluorene	15.214	166	491823	59.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.844	232	139809	62.670	ng	99
60) Diethylphthalate	14.997	149	532550	59.345	ng	99
61) 4-Chlorophenyl-phenyle...	15.196	204	242100	57.371	ng	99
62) 4-Nitroaniline	15.414	138	114344	55.653	ng	99
63) Azobenzene	15.496	77	450119	61.482	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	106827	64.080	ng	98
66) n-Nitrosodiphenylamine	15.449	169	437660	58.722	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	173590	56.042	ng	99
68) Hexachlorobenzene	16.195	284	226514	55.565	ng	99
69) Atrazine	16.383	200	131220	59.634	ng	98
70) Pentachlorophenol	16.601	266	288200	130.297	ng	98
71) Phenanthrene	16.947	178	829354	60.717	ng	99
72) Anthracene	17.035	178	856902	63.526	ng	100
73) Carbazole	17.364	167	815777	60.307	ng	99
74) Di-n-butylphthalate	17.811	149	1027252	61.494	ng	100
75) Fluoranthene	18.951	202	1061922	60.635	ng	100
77) Benzidine	19.215	184	99989	13.756	ng	99
78) Pyrene	19.321	202	1137934	59.102	ng	100
80) Butylbenzylphthalate	20.173	149	521976	60.327	ng	98
81) Benzo(a)anthracene	21.048	228	1256227	62.509	ng	100
82) 3,3'-Dichlorobenzidine	21.025	252	262654	33.200	ng	99
83) Chrysene	21.107	228	1189426	62.267	ng	99
84) Bis(2-ethylhexyl)phtha...	20.872	149	783036	59.858	ng	99
85) Di-n-octyl phthalate	21.718	149	1384122	62.543	ng	99
87) Indeno(1,2,3-cd)pyrene	25.690	276	1937244	65.760	ng	100
88) Benzo(b)fluoranthene	22.646	252	1416480	60.226	ng	99
89) Benzo(k)fluoranthene	22.693	252	1380393	64.654	ng	100
90) Benzo(a)pyrene	23.246	252	1338779	65.933	ng	99
91) Dibenzo(a,h)anthracene	25.678	278	1606042	65.461	ng	99
92) Benzo(g,h,i)perylene	26.436	276	1461526	58.635	ng	99

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

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ClientSampleId :
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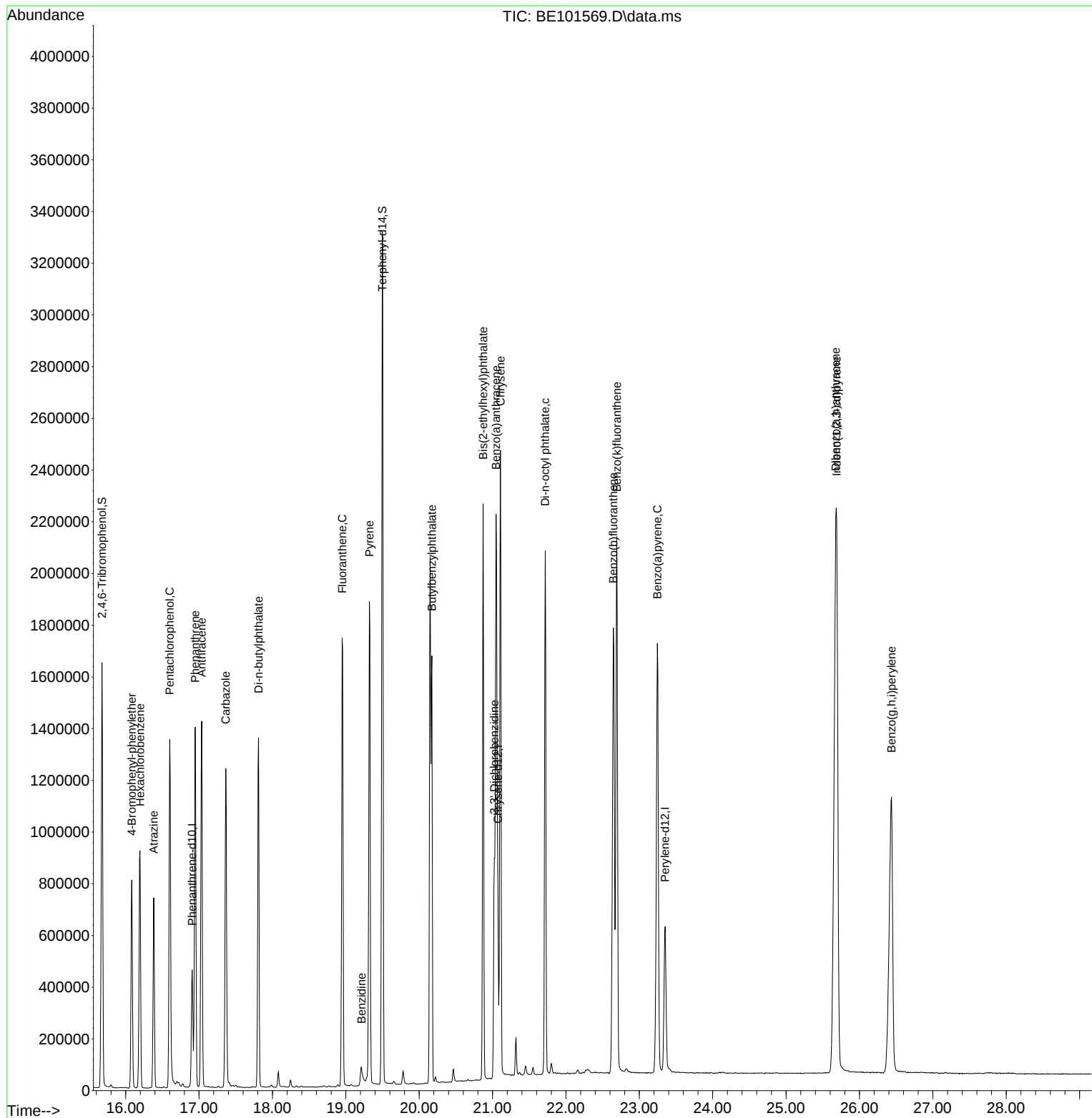
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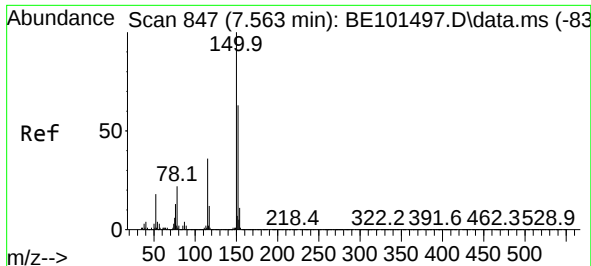


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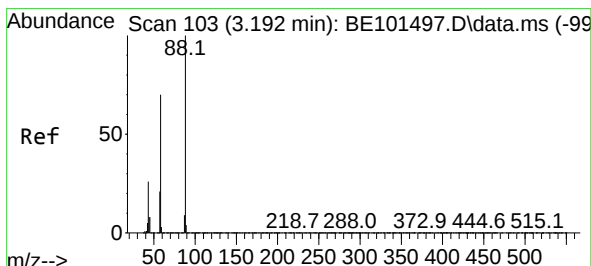
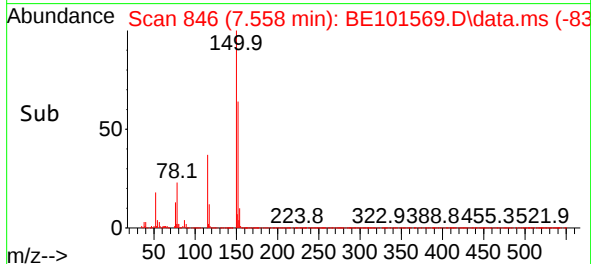
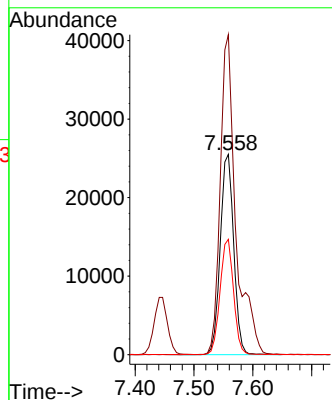
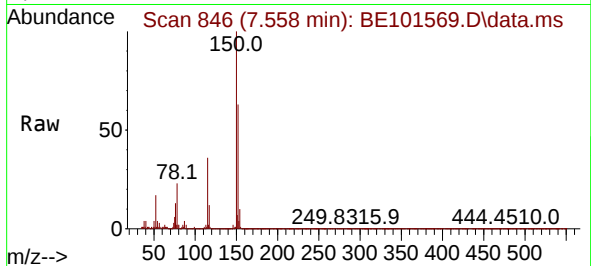




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

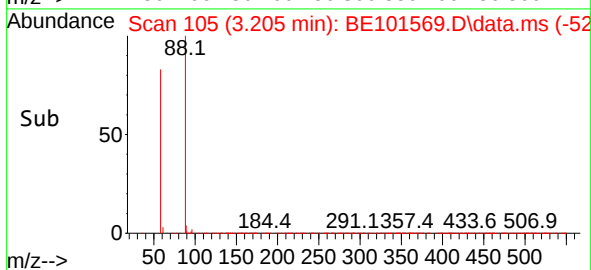
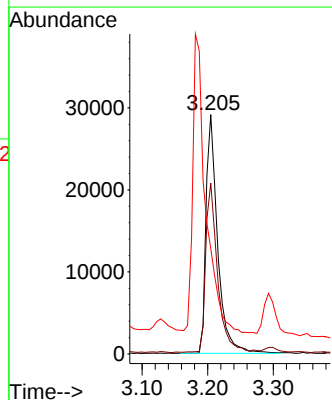
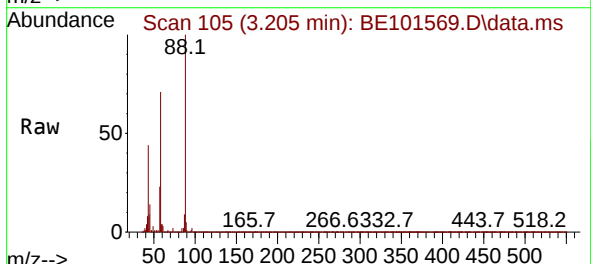
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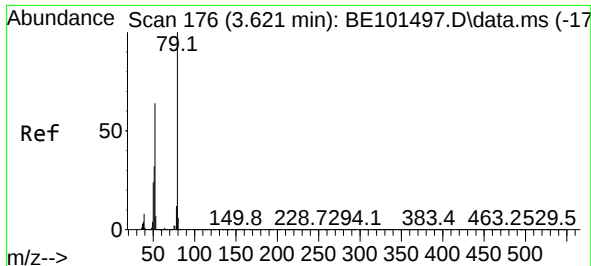
Tgt Ion:152 Resp: 40526
Ion Ratio Lower Upper
152 100
150 159.8 126.3 189.5
115 57.6 45.0 67.4



#2
1,4-Dioxane
Concen: 42.206 ng
RT: 3.205 min Scan# 105
Delta R.T. 0.013 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion: 88 Resp: 35999
Ion Ratio Lower Upper
88 100
58 72.4 56.5 84.7
43 0.0 20.8 31.2#

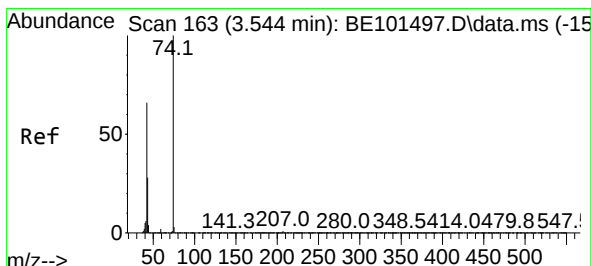
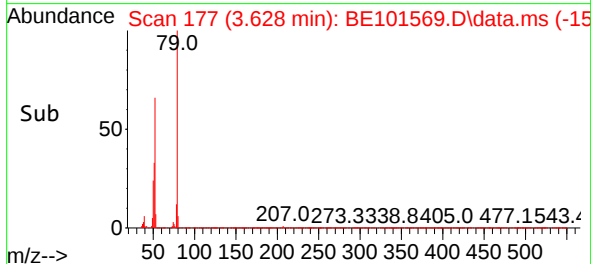
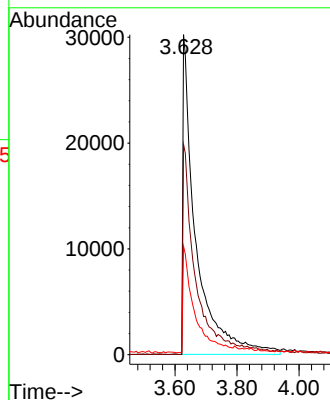
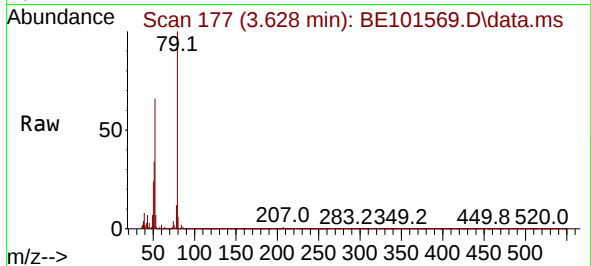




#3
Pyridine
Concen: 36.671 ng
RT: 3.628 min Scan# 11
Delta R.T. 0.007 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

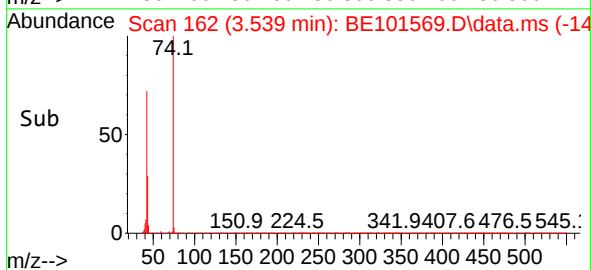
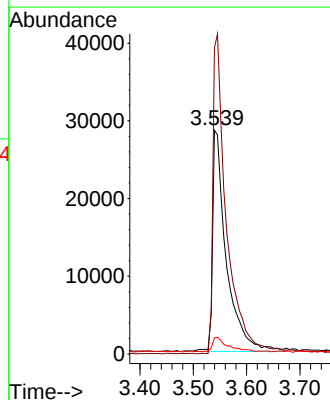
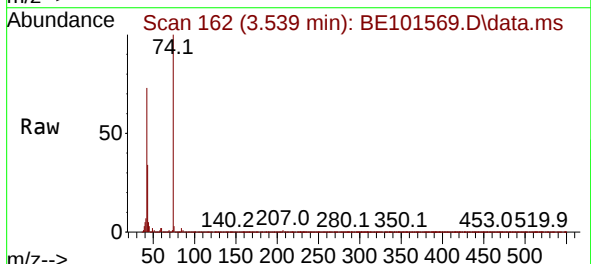
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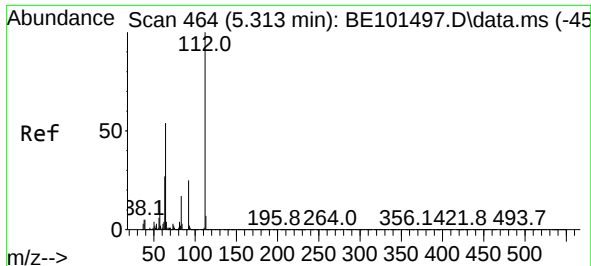
Tgt Ion: 79 Resp: 87475
Ion Ratio Lower Upper
79 100
52 65.7 51.1 76.7
51 33.9 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 54.262 ng
RT: 3.539 min Scan# 162
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion: 42 Resp: 51256
Ion Ratio Lower Upper
42 100
74 136.8 120.1 180.1
44 7.2 5.8 8.6

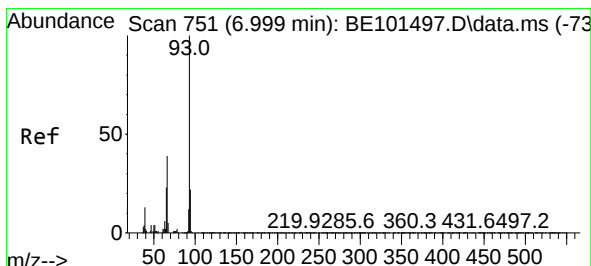
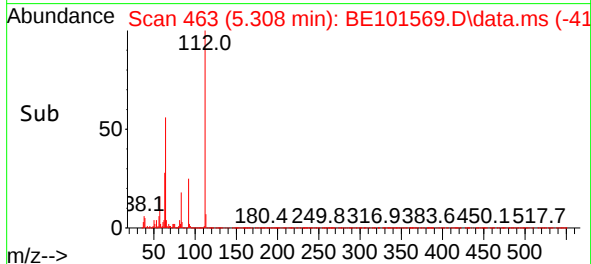
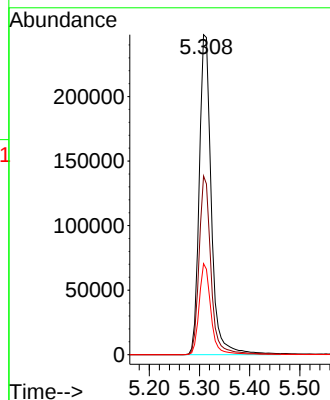
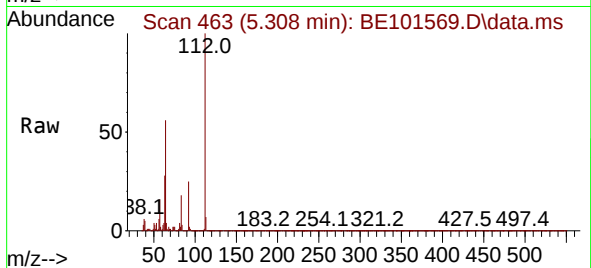




#5
2-Fluorophenol
Concen: 180.589 ng
RT: 5.308 min Scan# 41
Delta R.T. -0.005 min
Lab File: BE101569.D
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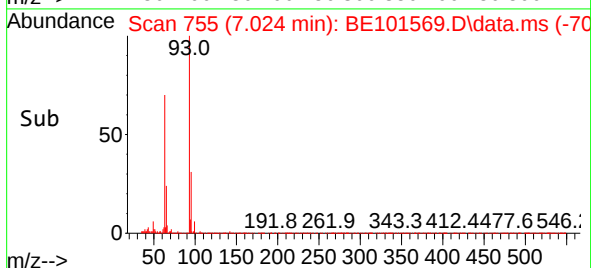
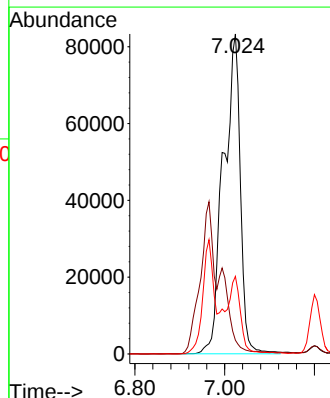
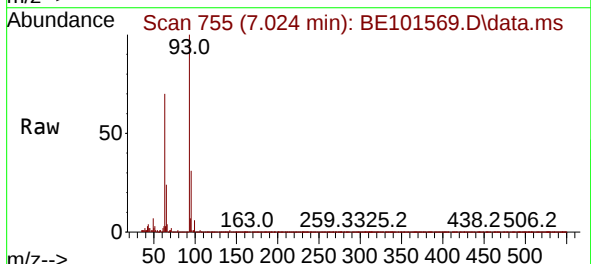
Instrument :
BNA_E
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Tgt Ion:112 Resp: 413905
Ion Ratio Lower Upper
112 100
64 55.9 43.2 64.8
63 28.4 21.8 32.6



#6
Aniline
Concen: 92.511 ng
RT: 7.024 min Scan# 755
Delta R.T. 0.024 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion: 93 Resp: 218192
Ion Ratio Lower Upper
93 100
66 4.3 33.4 50.0#
65 24.2 18.5 27.7





#7

Phenol-d6

Concen: 171.021 ng

RT: 6.941 min Scan# 741

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

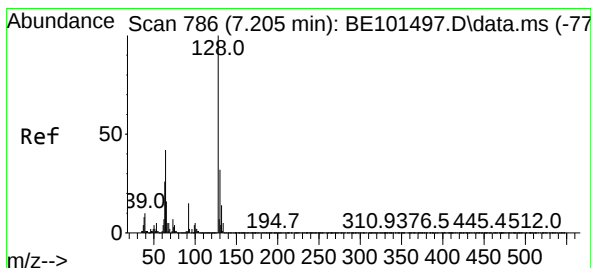
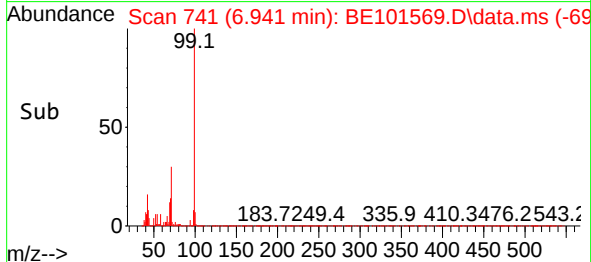
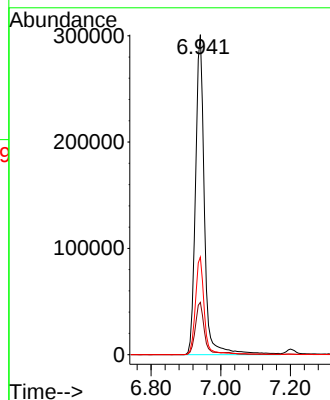
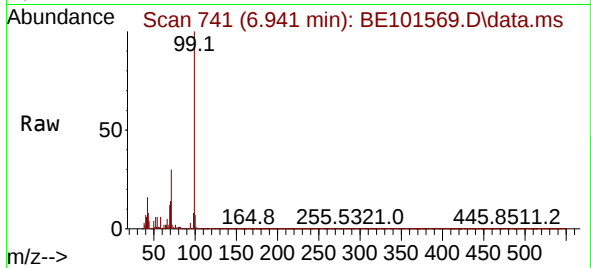
Tgt Ion: 99 Resp: 537426

Ion Ratio Lower Upper

99 100

42 16.3 12.5 18.7

71 30.5 24.2 36.2



#8

2-Chlorophenol

Concen: 55.307 ng

RT: 7.200 min Scan# 785

Delta R.T. -0.005 min

Lab File: BE101569.D

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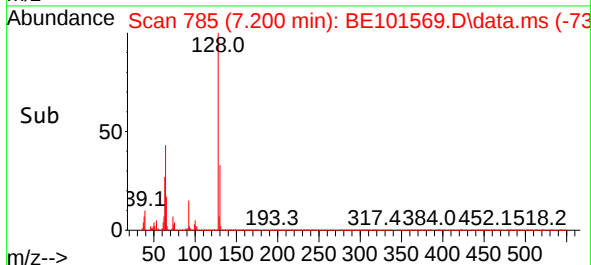
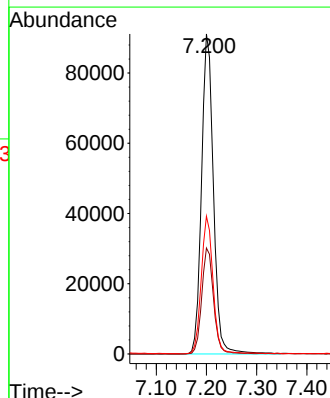
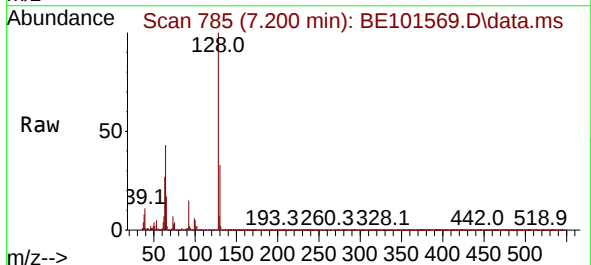
Tgt Ion:128 Resp: 150182

Ion Ratio Lower Upper

128 100

130 33.1 12.1 52.1

64 43.1 22.0 62.0

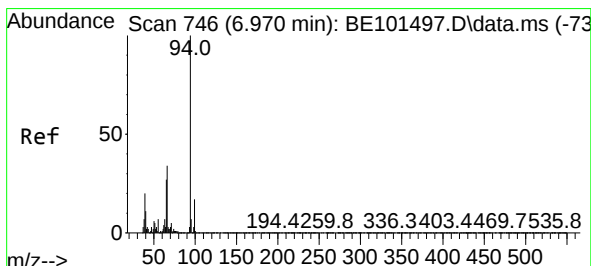
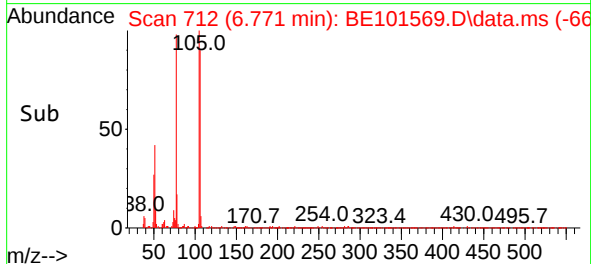
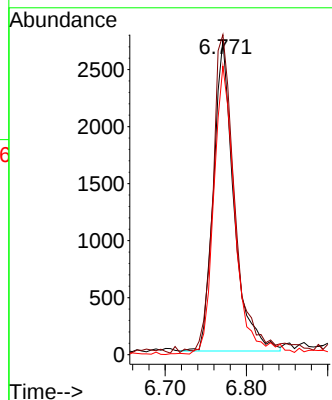
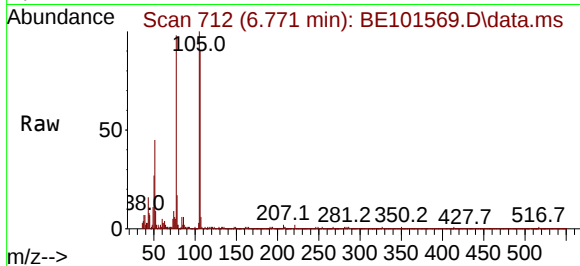




#9
Benzaldehyde
Concen: 3.090 ng
RT: 6.771 min Scan# 712
Delta R.T. 0.001 min
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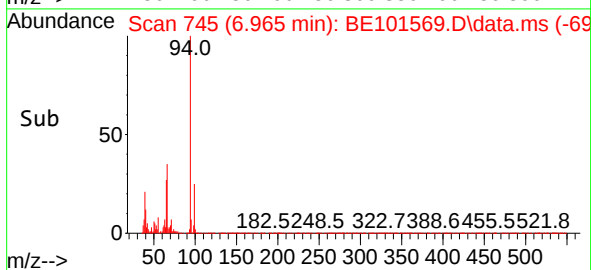
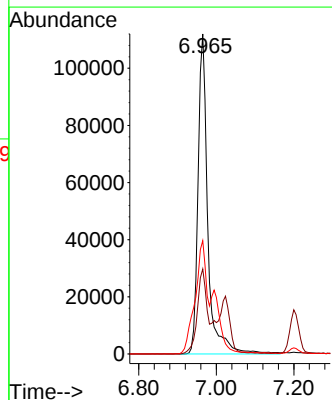
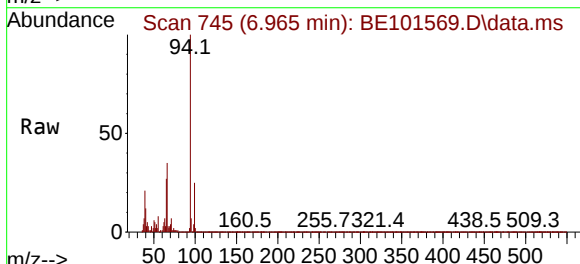
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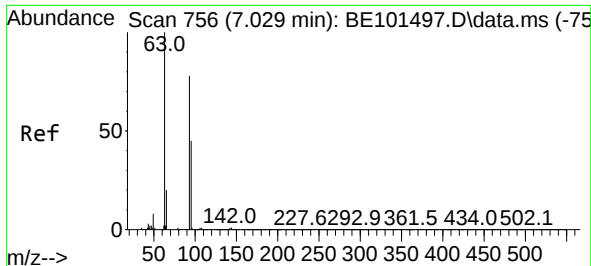
Tgt Ion:	77	Resp:	4749
Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.0	123.0
106	91.6	78.8	118.8



#10
Phenol
Concen: 57.336 ng
RT: 6.965 min Scan# 745
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:	94	Resp:	196124
Ion	Ratio	Lower	Upper
94	100		
65	26.6	6.7	46.7
66	35.4	15.0	55.0

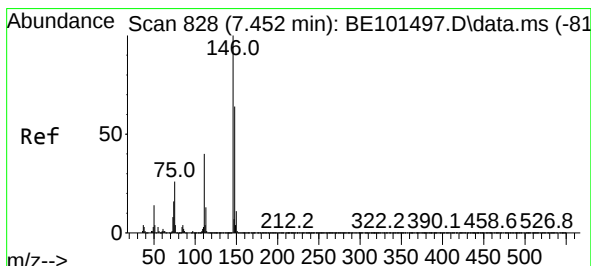
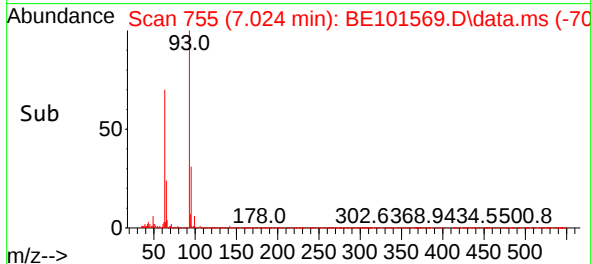
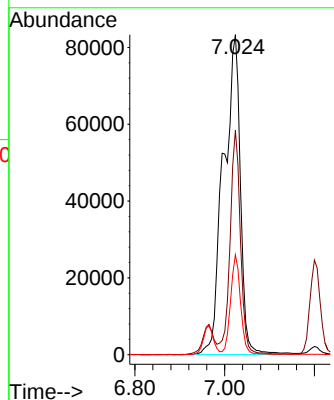
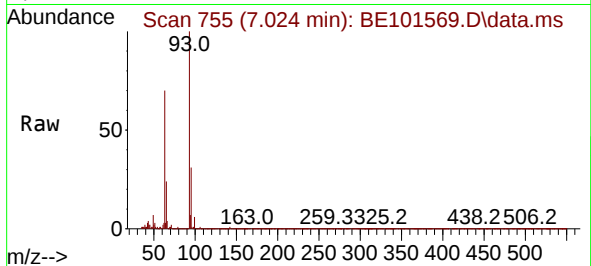




#11
bis(2-Chloroethyl)ether
Concen: 77.054 ng
RT: 7.024 min Scan# 701
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

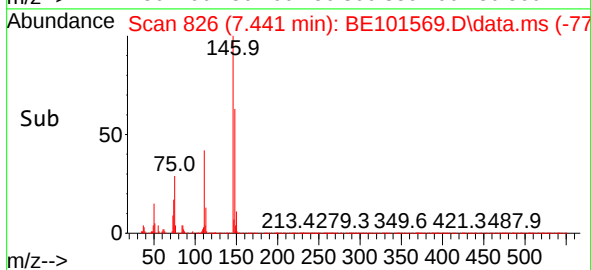
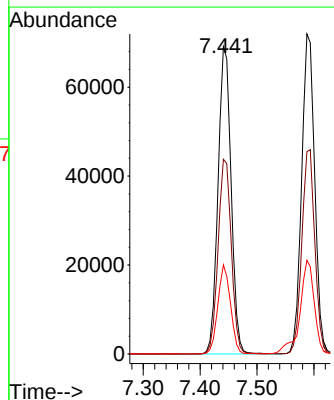
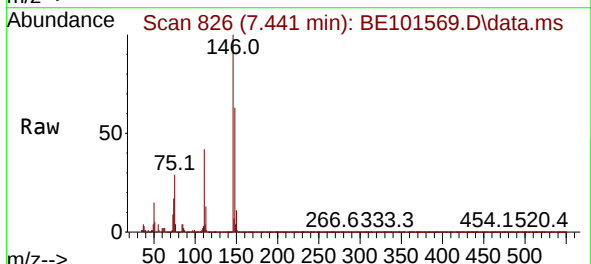
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

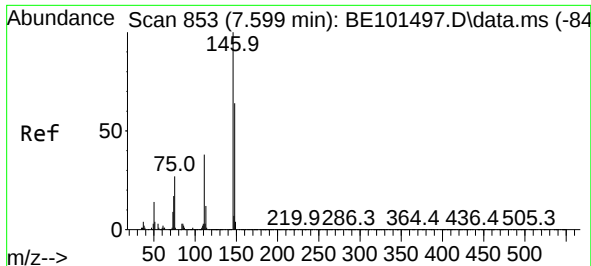
Tgt Ion: 93 Resp: 218192
Ion Ratio Lower Upper
93 100
63 70.2 46.5 86.5
95 31.2 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 37.270 ng
RT: 7.441 min Scan# 826
Delta R.T. -0.011 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:146 Resp: 110484
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 29.0 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 38.068 ng

RT: 7.588 min Scan# 81

Delta R.T. -0.011 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

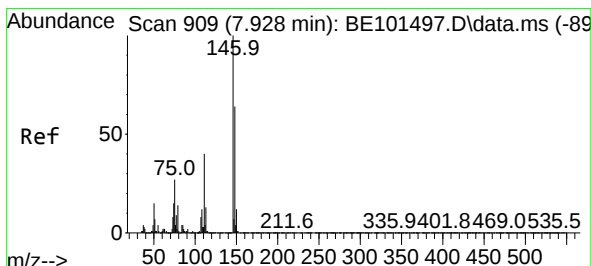
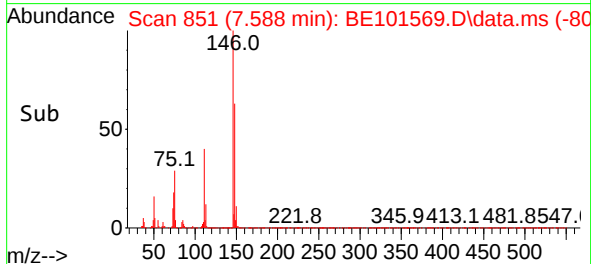
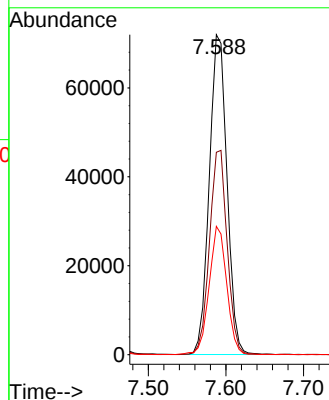
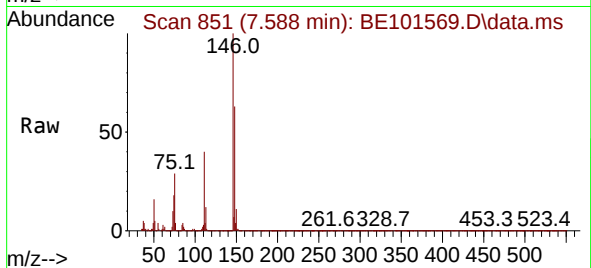
Tgt Ion:146 Resp: 114305

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

111 40.1 30.2 45.4



#14

1,2-Dichlorobenzene

Concen: 38.699 ng

RT: 7.917 min Scan# 907

Delta R.T. -0.011 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

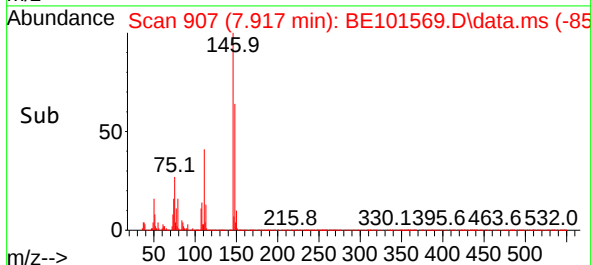
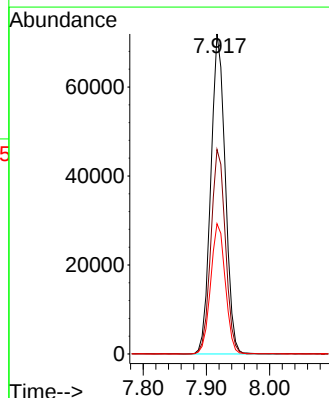
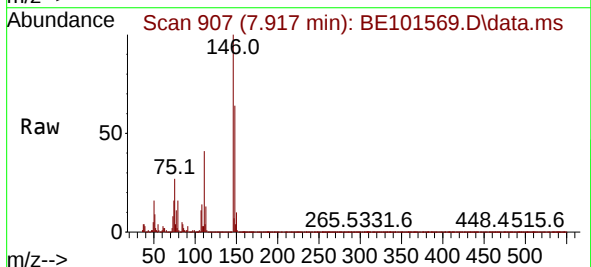
Tgt Ion:146 Resp: 114063

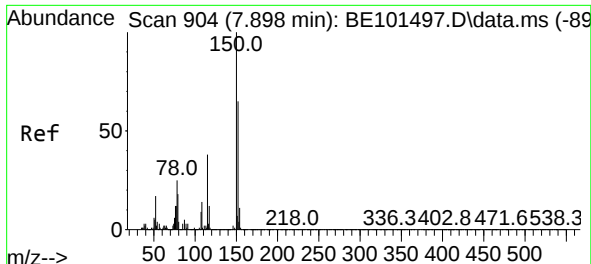
Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 40.7 32.2 48.4

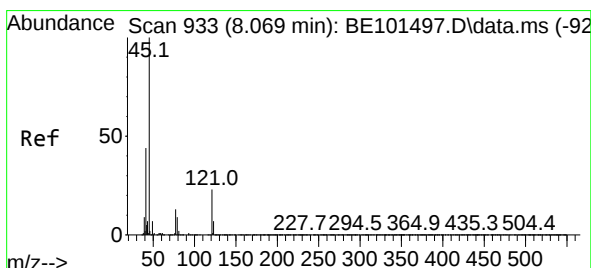
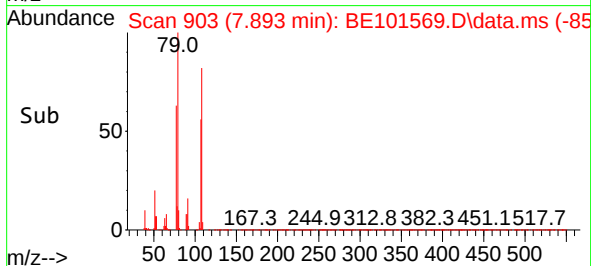
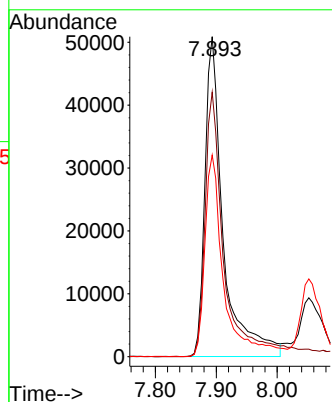
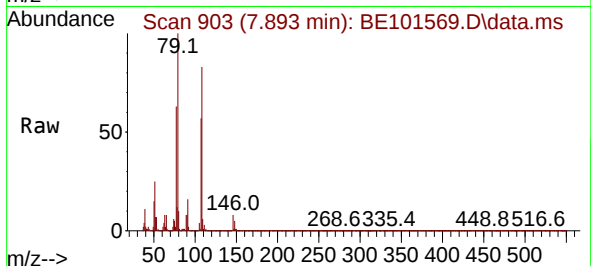




#15
Benzyl Alcohol
Concen: 58.095 ng
RT: 7.893 min Scan# 90
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

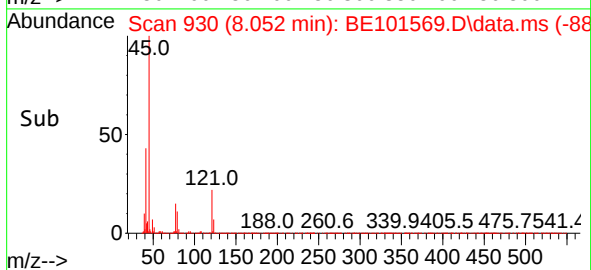
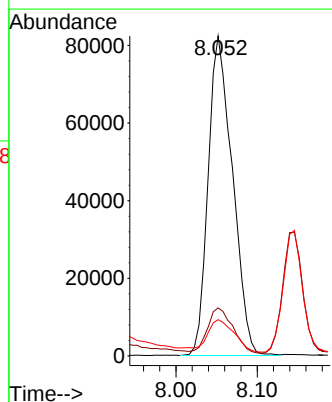
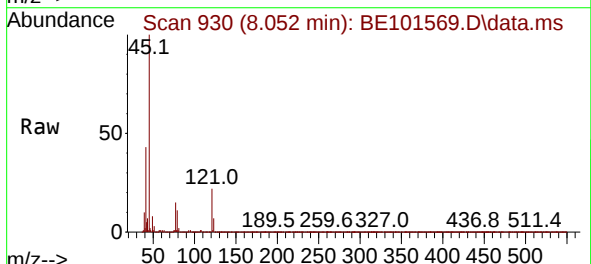
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

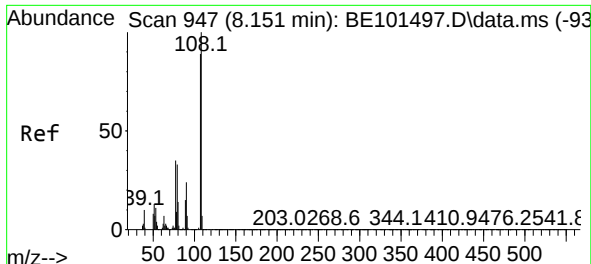
Tgt Ion: 79 Resp: 106642
Ion Ratio Lower Upper
79 100
108 82.6 63.8 95.8
77 63.0 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.108 ng
RT: 8.052 min Scan# 930
Delta R.T. -0.017 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion: 45 Resp: 171309
Ion Ratio Lower Upper
45 100
77 15.0 0.0 36.2
79 11.3 0.0 33.8

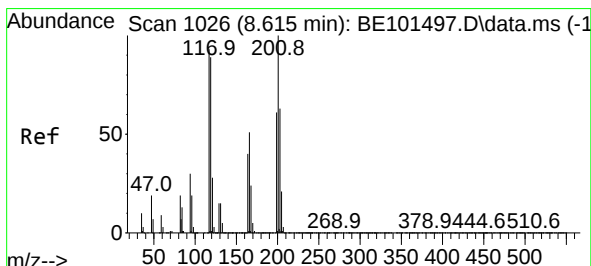
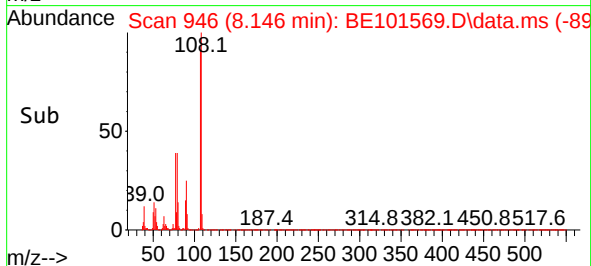
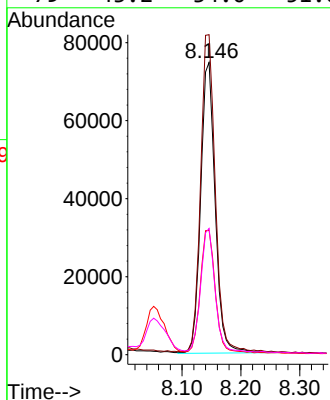
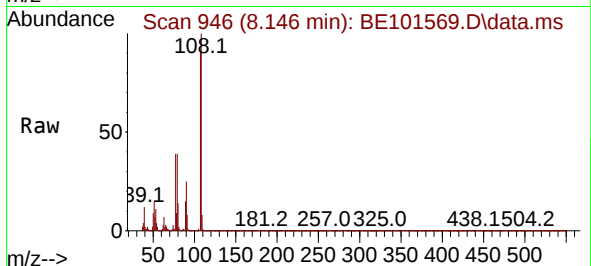




#17
2-Methylphenol
Concen: 57.666 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

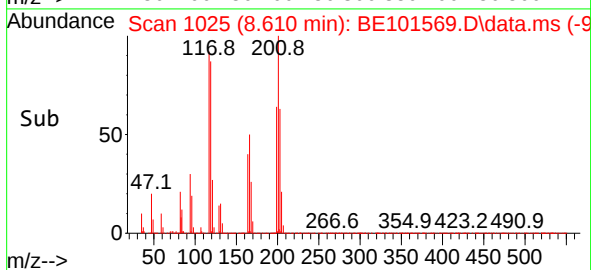
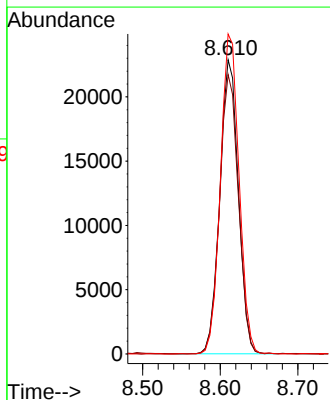
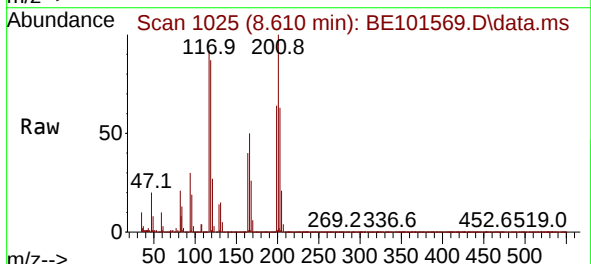
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

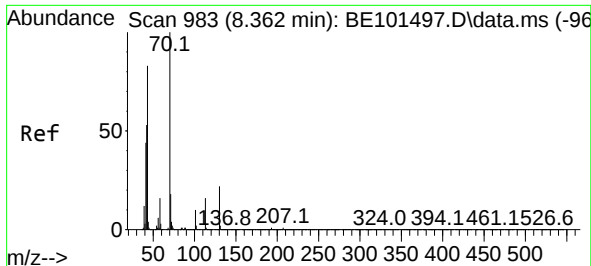
Tgt Ion:	107	Resp:	127705
Ion	Ratio	Lower	Upper
107	100		
108	109.5	90.2	135.4
77	42.5	35.1	52.7
79	43.2	34.0	51.0



#18
Hexachloroethane
Concen: 37.710 ng
RT: 8.610 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:	117	Resp:	38239
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	114.8
201	108.8	86.1	129.1

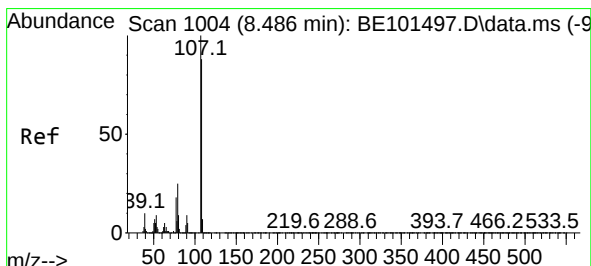
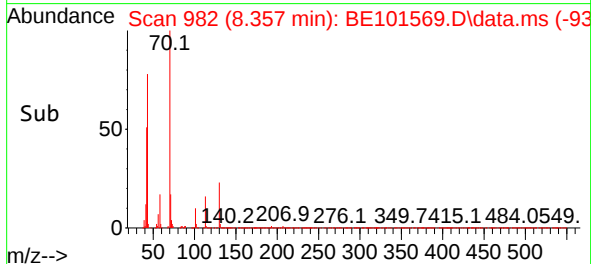
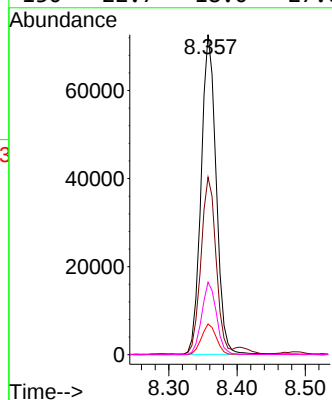
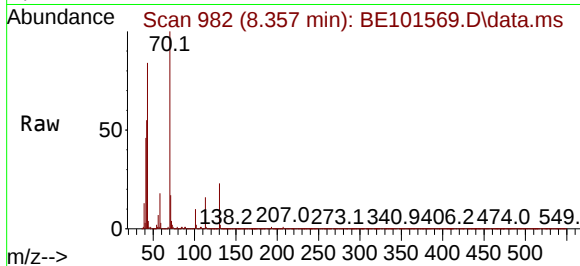




#19
n-Nitroso-di-n-propylamine
Concen: 53.678 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

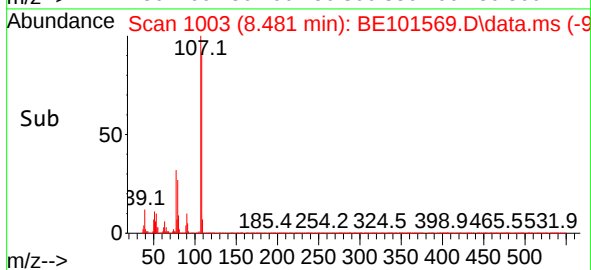
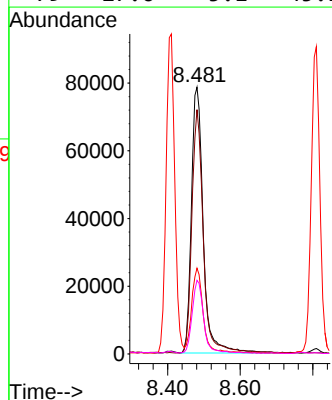
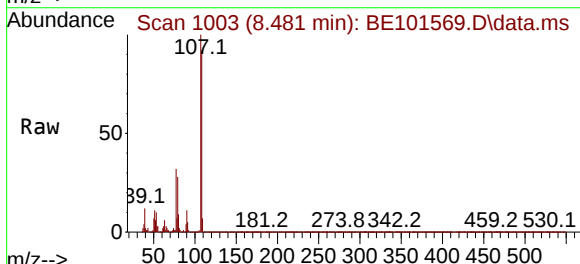
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

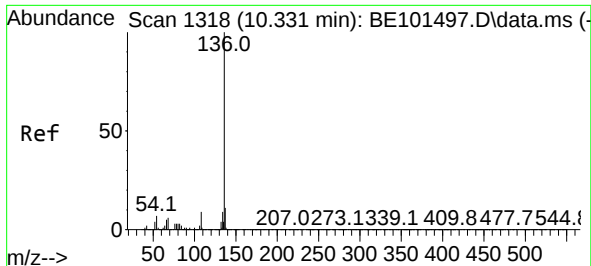
Tgt Ion: 70 Resp: 111220
Ion Ratio Lower Upper
70 100
42 55.5 42.7 64.1
101 9.6 8.2 12.2
130 22.7 18.0 27.0



#20
3+4-Methylphenols
Concen: 57.743 ng
RT: 8.481 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion: 107 Resp: 177307
Ion Ratio Lower Upper
107 100
108 91.6 68.2 108.2
77 32.1 10.4 50.4
79 27.6 5.1 45.1

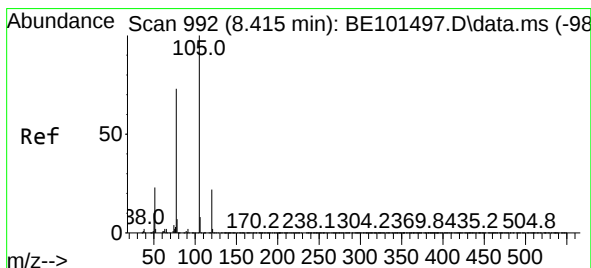
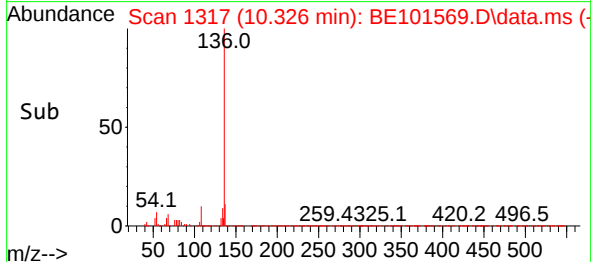
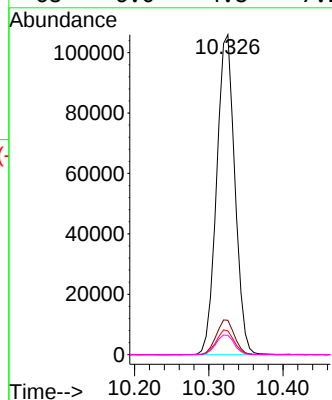
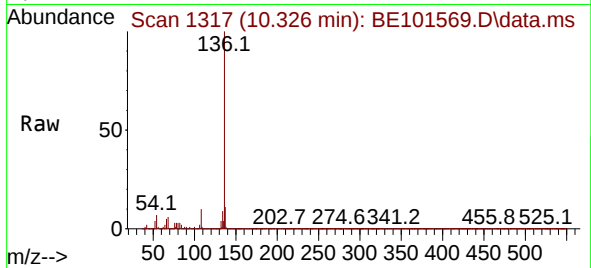




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

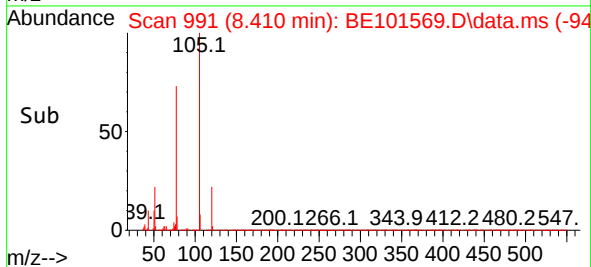
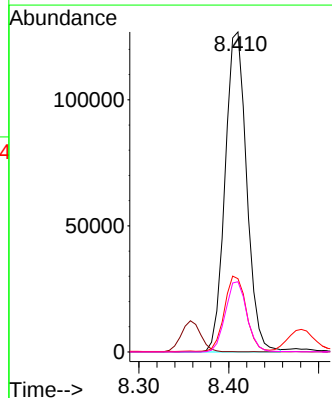
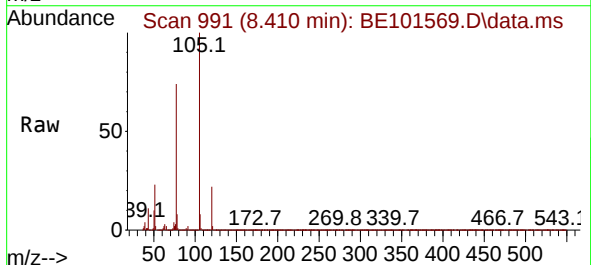
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

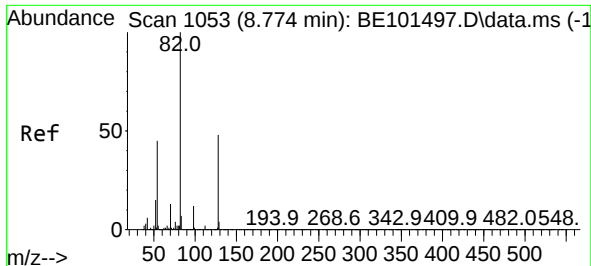
Tgt Ion:136 Resp: 180473
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.5 5.6 8.4
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 51.641 ng
RT: 8.410 min Scan# 991
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:105 Resp: 211063
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 22.9 18.7 28.1
120 22.0 17.8 26.6

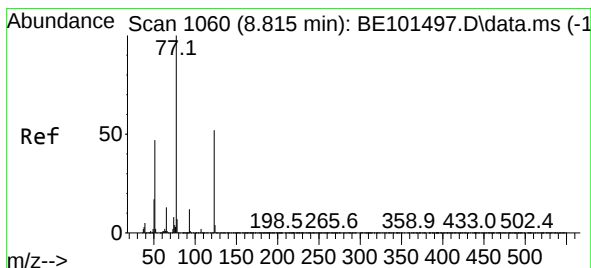
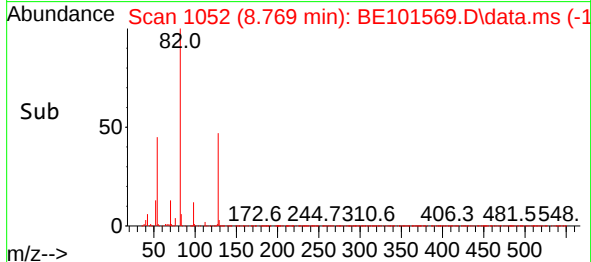
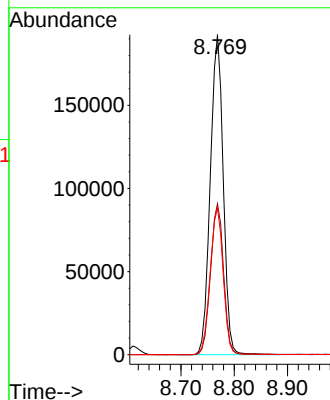
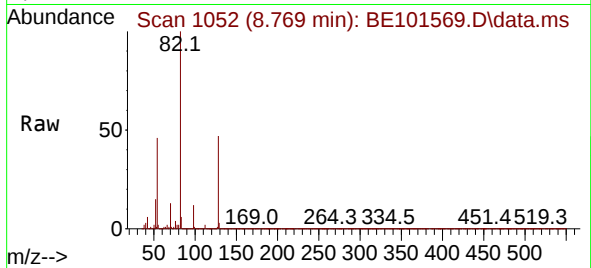




#23
Nitrobenzene-d5
Concen: 113.565 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

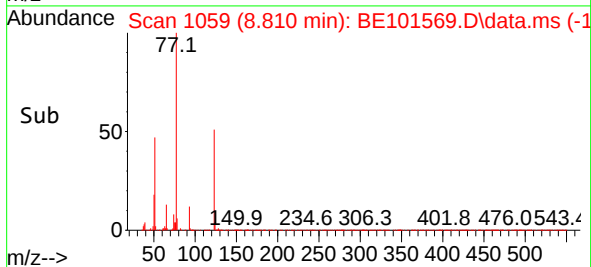
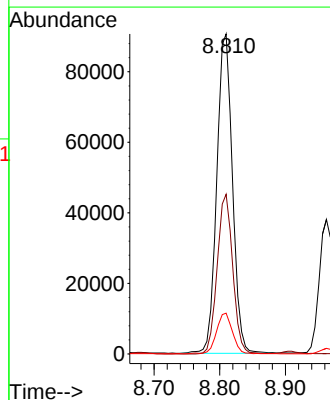
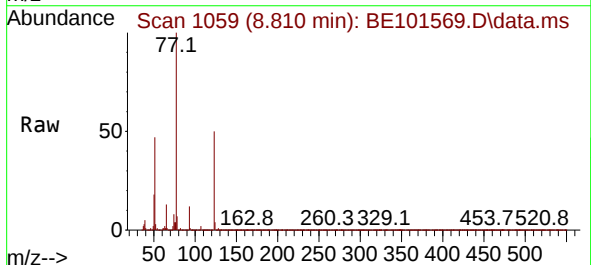
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

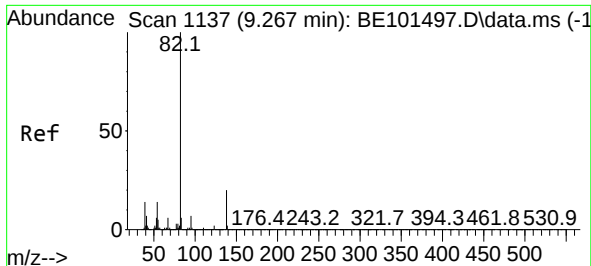
Tgt Ion: 82 Resp: 324476
Ion Ratio Lower Upper
82 100
128 47.2 38.6 58.0
54 45.9 36.3 54.5



#24
Nitrobenzene
Concen: 50.388 ng
RT: 8.810 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion: 77 Resp: 149742
Ion Ratio Lower Upper
77 100
123 49.9 41.2 61.8
65 12.7 10.3 15.5

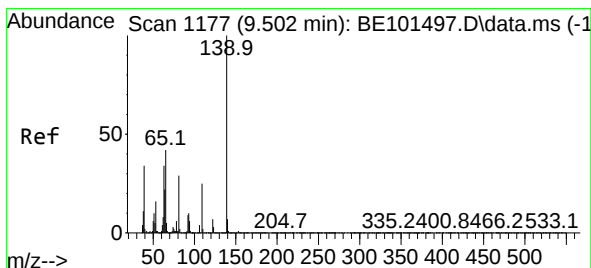
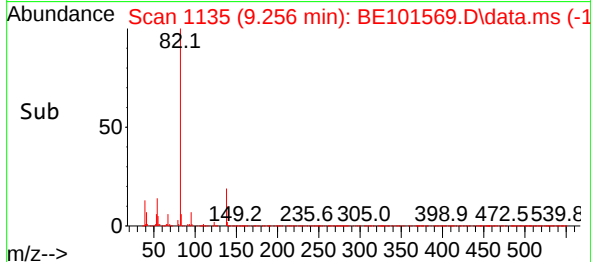
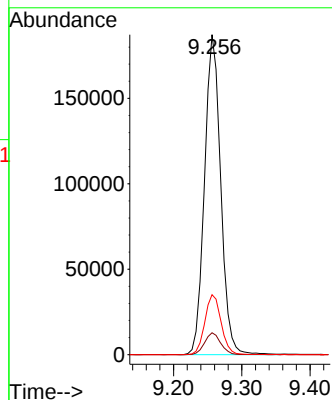
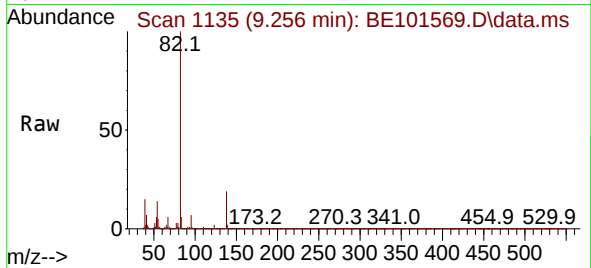




#25
Isophorone
Concen: 55.675 ng
RT: 9.256 min Scan# 1135
Delta R.T. -0.011 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

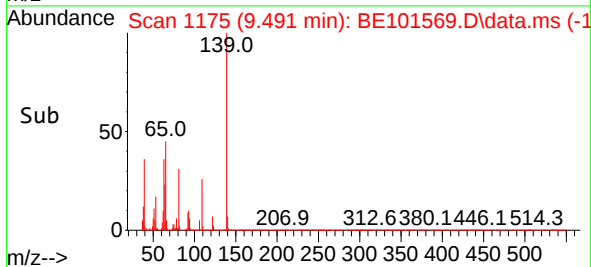
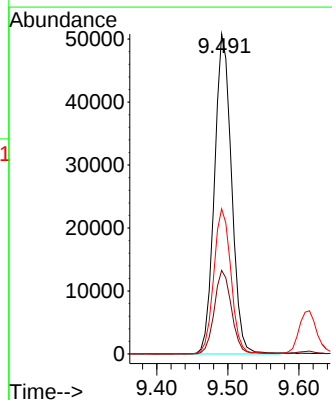
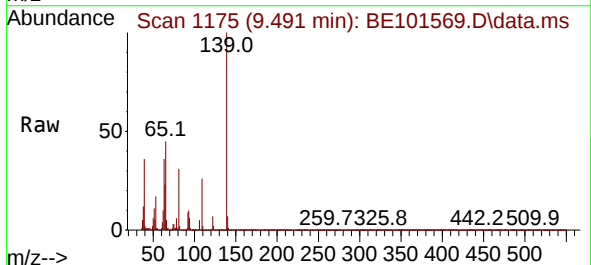
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

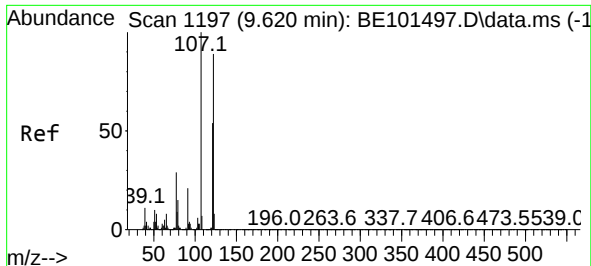
Tgt Ion: 82 Resp: 309571
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.7 15.8 23.6



#26
2-Nitrophenol
Concen: 53.512 ng
RT: 9.491 min Scan# 1175
Delta R.T. -0.011 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:139 Resp: 84629
Ion Ratio Lower Upper
139 100
109 26.1 20.2 30.4
65 45.3 34.0 51.0

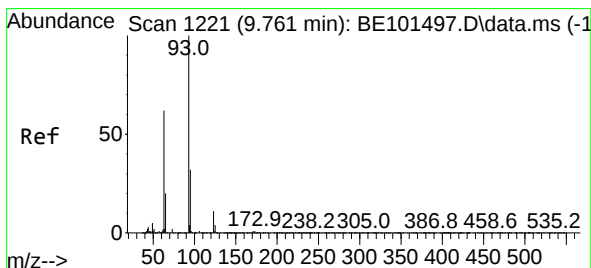
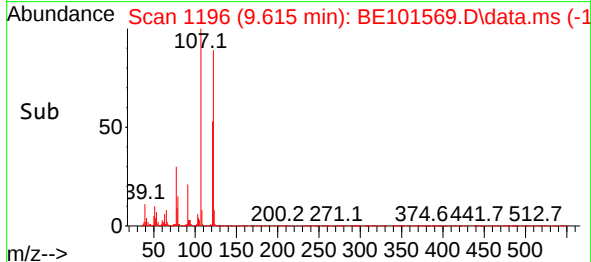
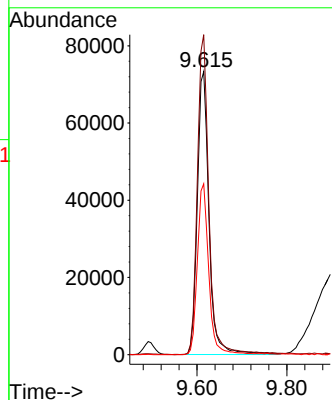
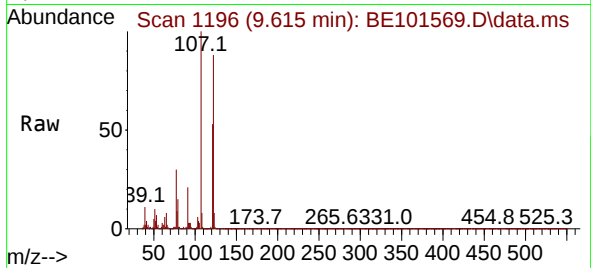




#27
2,4-Dimethylphenol
Concen: 72.066 ng
RT: 9.615 min Scan# 1196
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

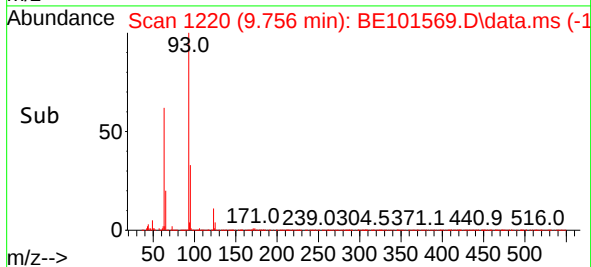
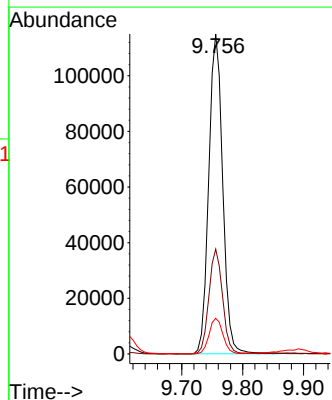
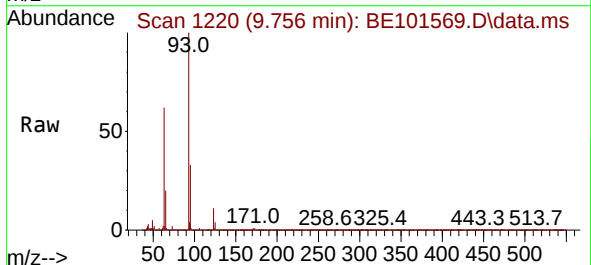
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

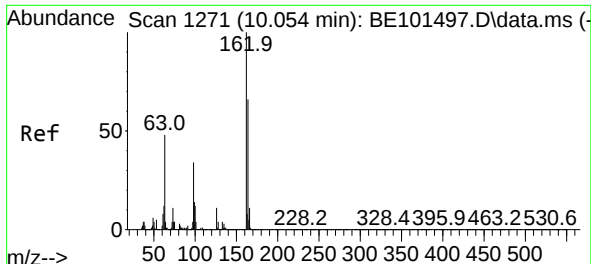
Tgt Ion:122 Resp: 131874
Ion Ratio Lower Upper
122 100
107 113.1 89.8 134.6
121 60.4 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 53.738 ng
RT: 9.756 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion: 93 Resp: 182904
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 57.900 ng

RT: 10.049 min Scan# 1270

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

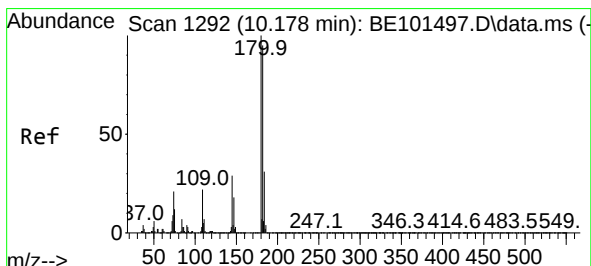
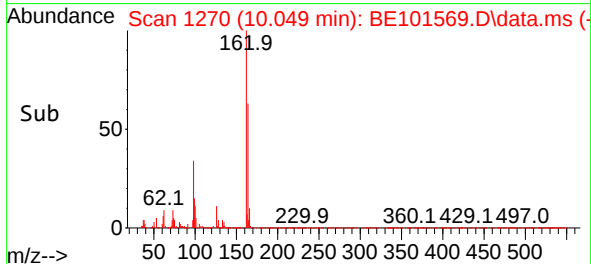
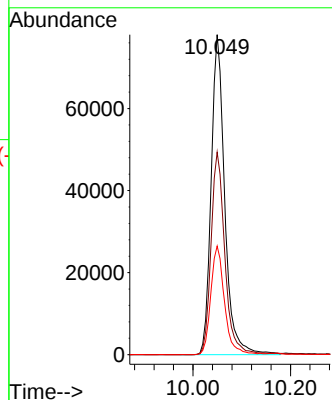
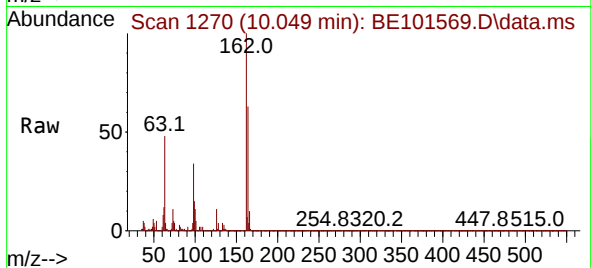
Tgt Ion:162 Resp: 150406

Ion Ratio Lower Upper

162 100

164 63.3 45.7 85.7

98 34.0 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 42.049 ng

RT: 10.167 min Scan# 1290

Delta R.T. -0.011 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

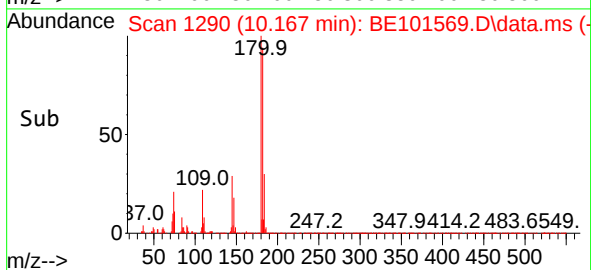
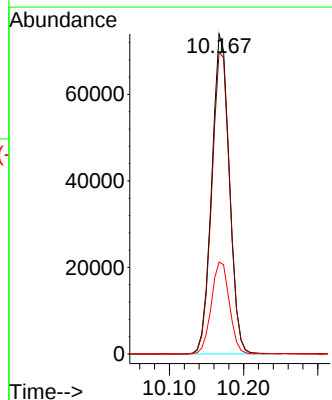
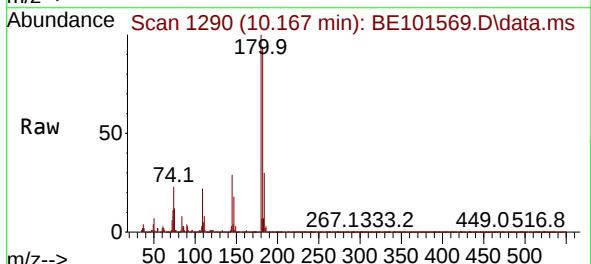
Tgt Ion:180 Resp: 121940

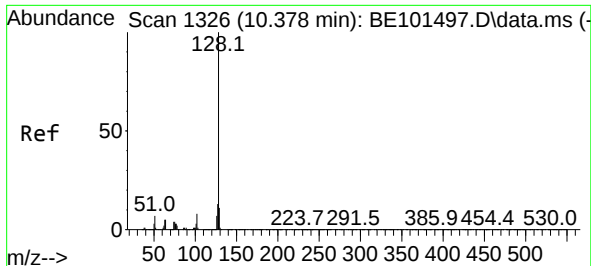
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

145 28.7 23.2 34.8

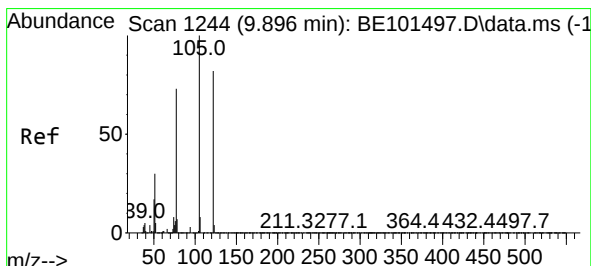
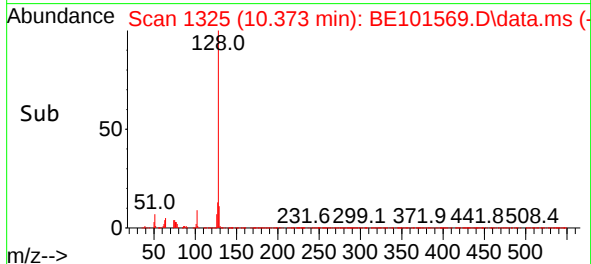
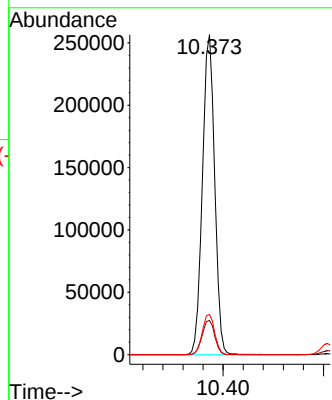
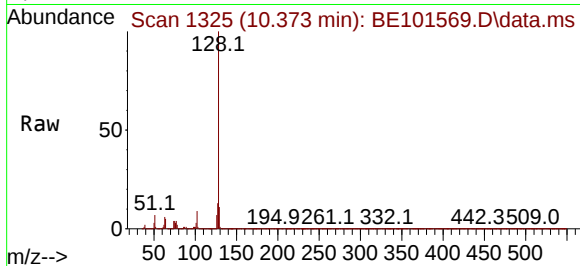




#31
Naphthalene
Concen: 47.673 ng
RT: 10.373 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

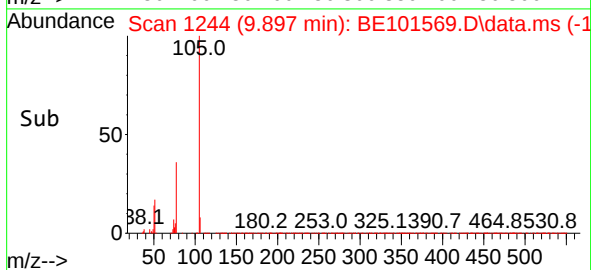
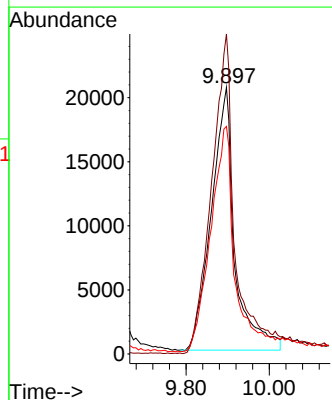
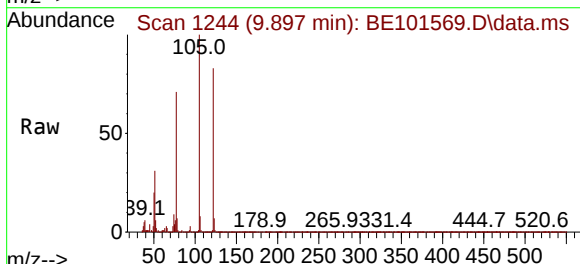
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

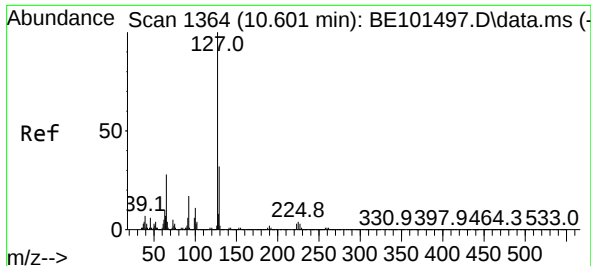
Tgt Ion:128 Resp: 434346
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 46.953 ng
RT: 9.897 min Scan# 1244
Delta R.T. 0.001 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:122 Resp: 79985
Ion Ratio Lower Upper
122 100
105 120.1 100.6 140.6
77 85.4 68.6 108.6

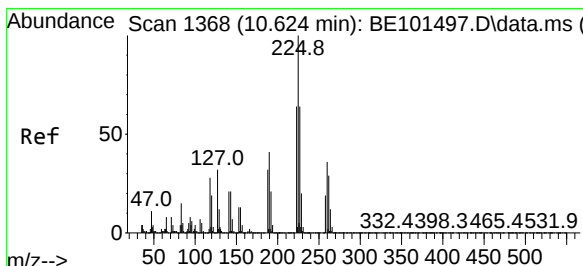
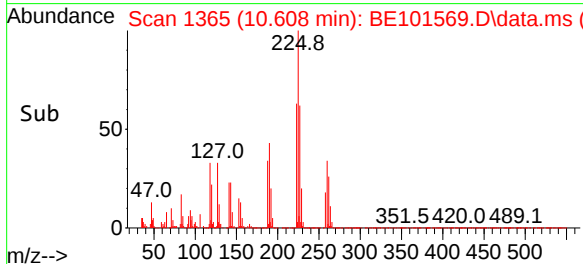
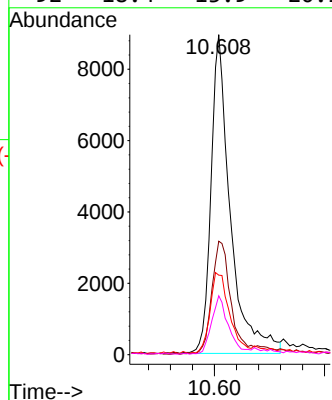
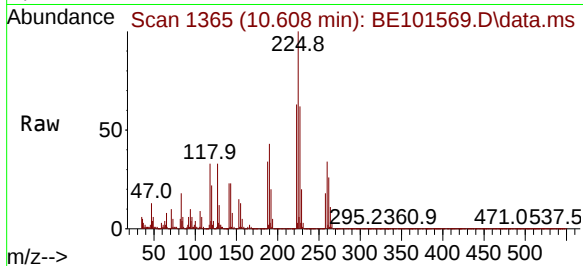




#33
4-Chloroaniline
Concen: 6.810 ng
RT: 10.608 min Scan# 1365
Delta R.T. 0.007 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

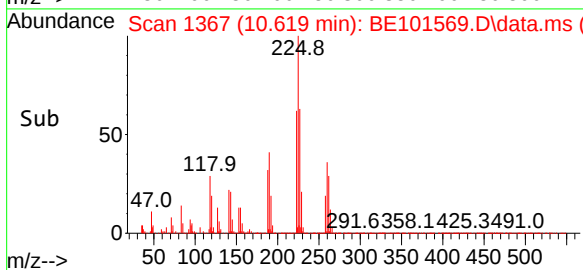
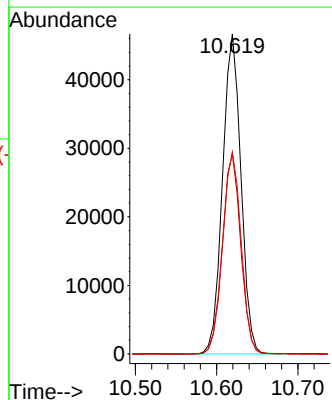
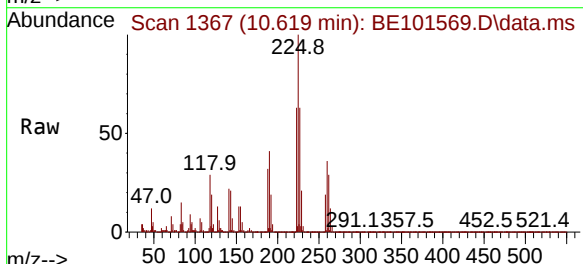
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

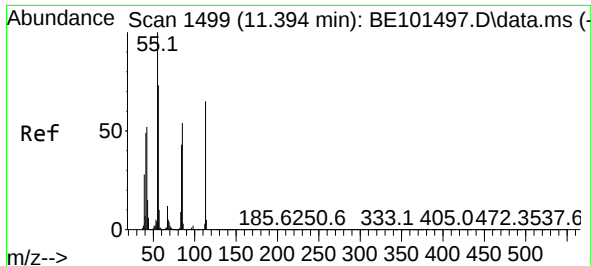
Tgt Ion:	127	Resp:	21820
Ion	Ratio	Lower	Upper
127	100		
129	35.4	25.8	38.8
65	24.8	22.6	33.8
92	18.4	13.9	20.9



#34
Hexachlorobutadiene
Concen: 41.082 ng
RT: 10.619 min Scan# 1367
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:	225	Resp:	73429
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	63.1	51.0	76.6

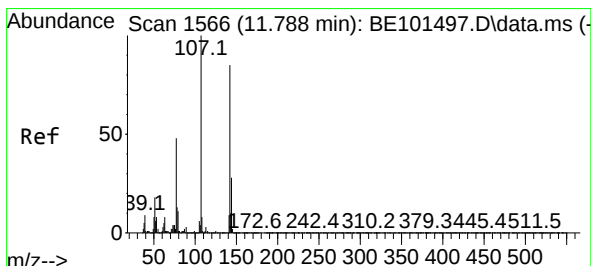
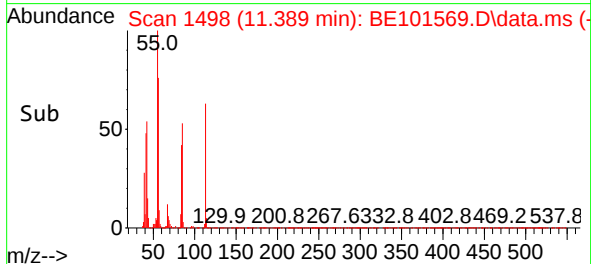
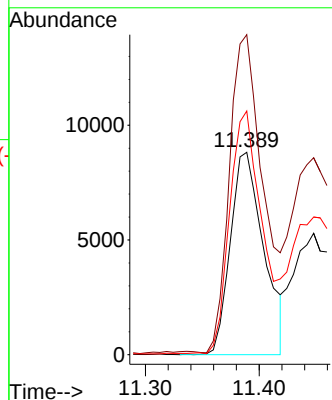
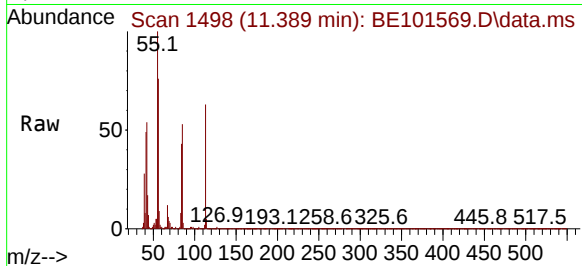




#35
Caprolactam
Concen: 18.773 ng
RT: 11.389 min Scan# 1499
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

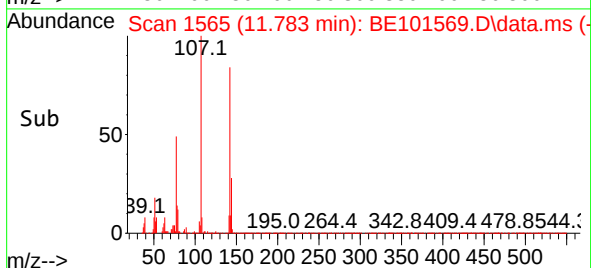
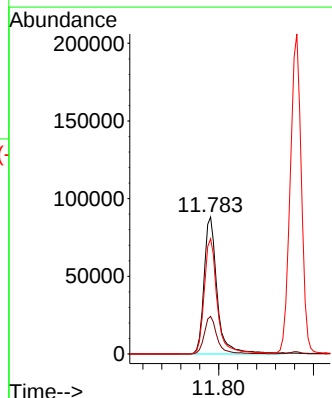
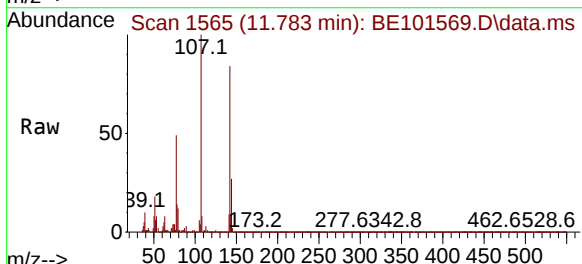
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

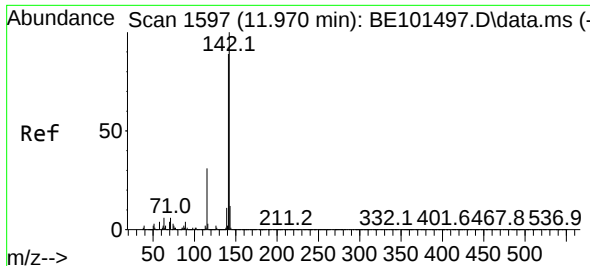
Tgt Ion:113 Resp: 17908
Ion Ratio Lower Upper
113 100
55 158.1 134.3 174.3
56 120.4 92.6 132.6



#36
4-Chloro-3-methylphenol
Concen: 59.330 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:107 Resp: 168301
Ion Ratio Lower Upper
107 100
144 27.5 22.4 33.6
142 84.0 68.2 102.2

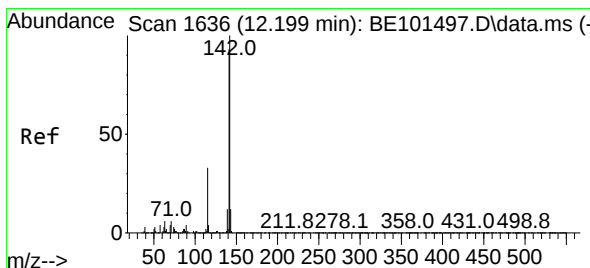
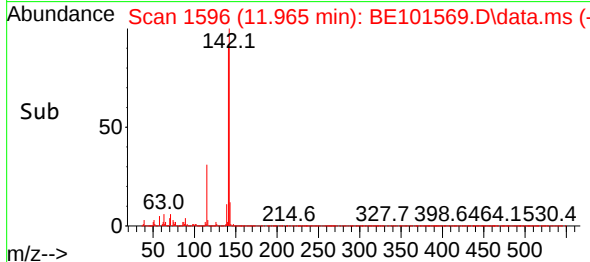
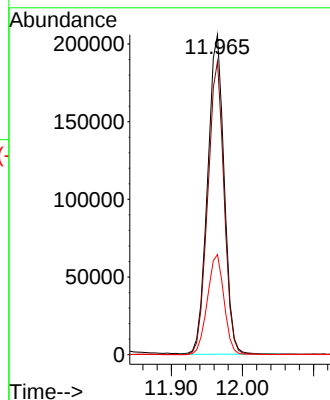
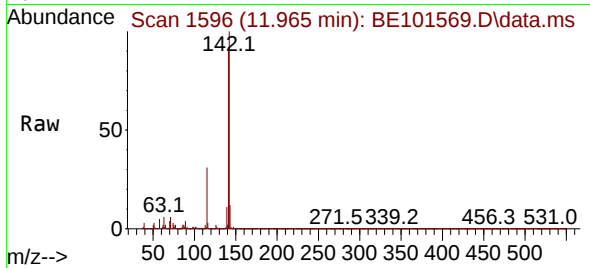




#37
2-Methylnaphthalene
Concen: 51.572 ng
RT: 11.965 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

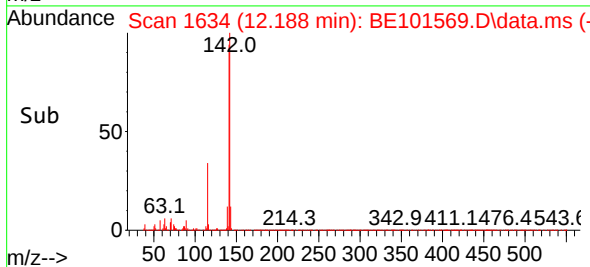
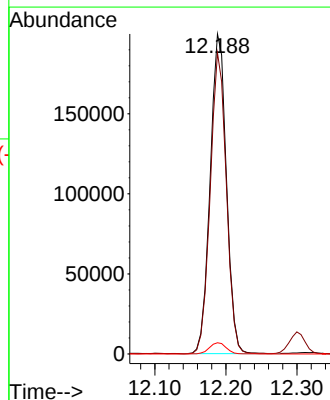
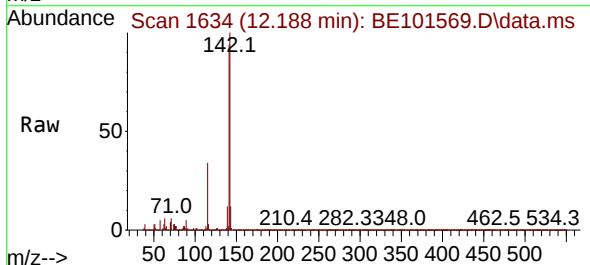
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

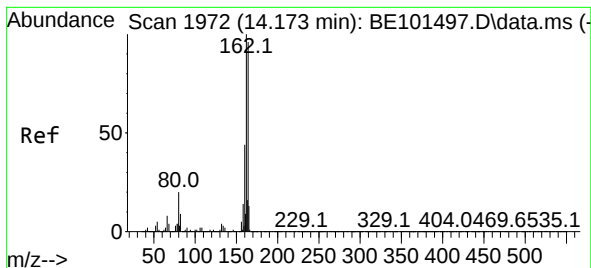
Tgt Ion:142 Resp: 333736
Ion Ratio Lower Upper
142 100
141 91.6 71.3 106.9
115 31.3 25.0 37.4



#38
1-Methylnaphthalene
Concen: 49.344 ng
RT: 12.188 min Scan# 1634
Delta R.T. -0.011 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:142 Resp: 318444
Ion Ratio Lower Upper
142 100
141 94.1 74.7 112.1
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.168 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

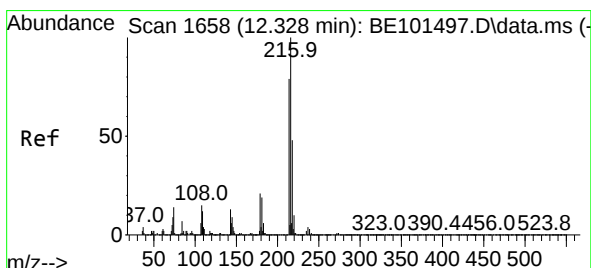
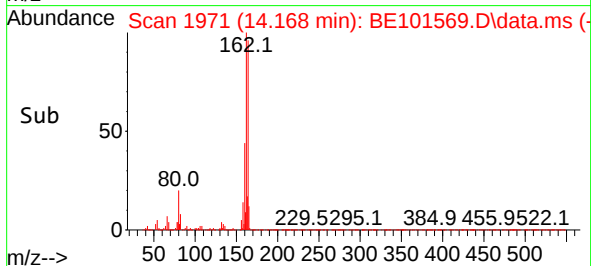
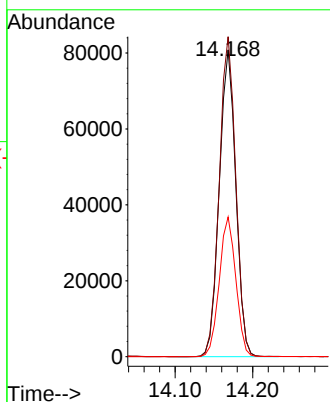
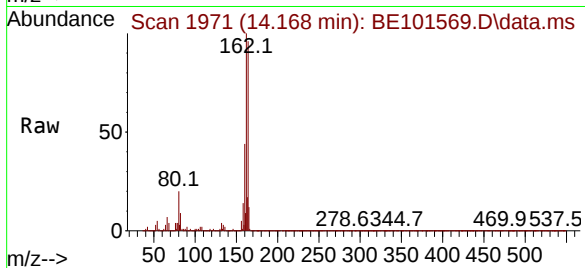
Tgt Ion:164 Resp: 119518

Ion Ratio Lower Upper

164 100

162 104.3 83.7 125.5

160 45.5 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.219 ng

RT: 12.323 min Scan# 1657

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Tgt Ion:216 Resp: 167697

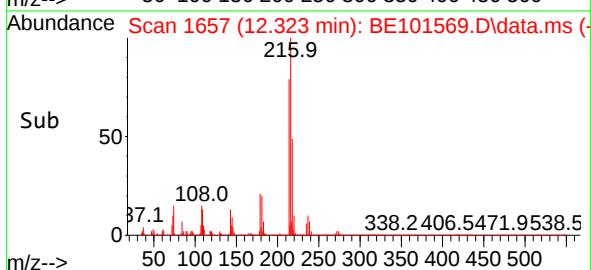
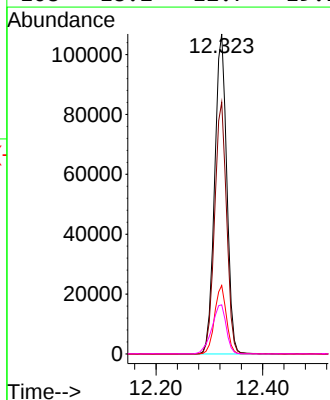
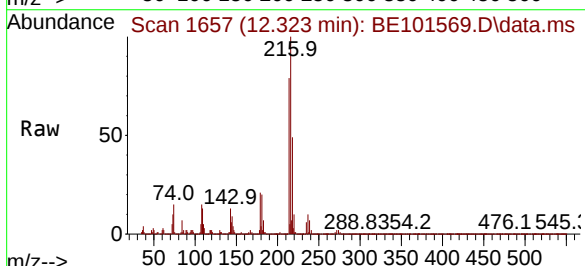
Ion Ratio Lower Upper

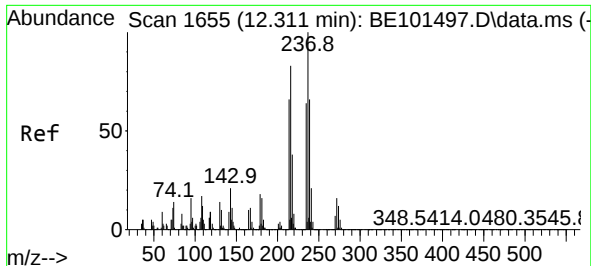
216 100

214 78.2 62.6 93.8

179 20.9 16.4 24.6

108 18.2 12.7 19.1

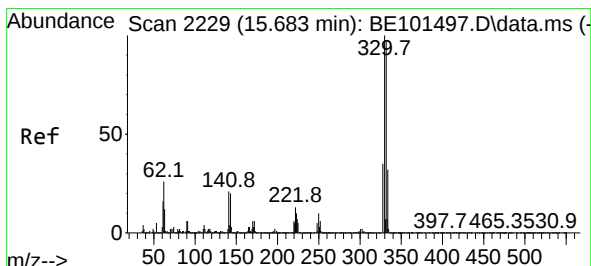
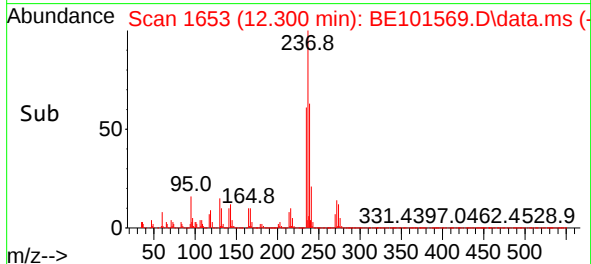
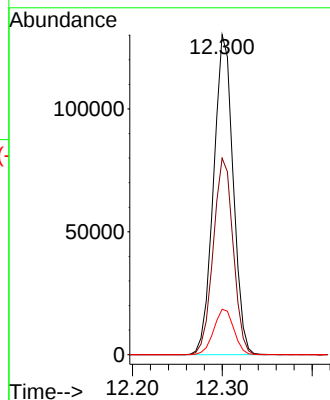
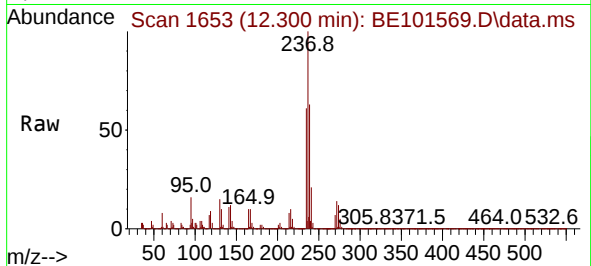




#41
Hexachlorocyclopentadiene
Concen: 214.466 ng
RT: 12.300 min Scan# 1653
Delta R.T. -0.011 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

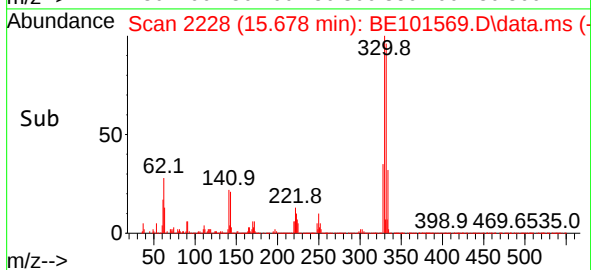
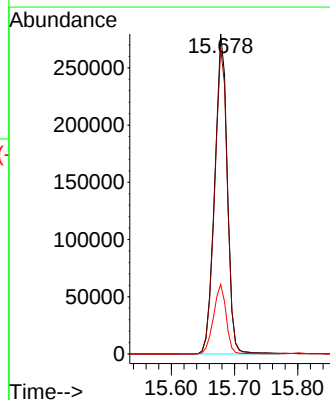
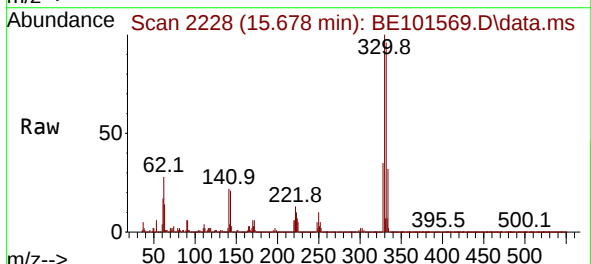
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

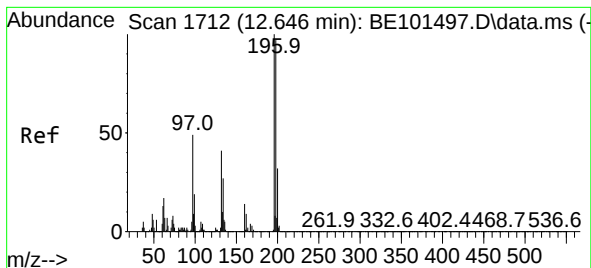
Tgt Ion:237 Resp: 197210
Ion Ratio Lower Upper
237 100
235 61.4 43.5 83.5
272 14.2 0.0 35.6



#42
2,4,6-Tribromophenol
Concen: 172.195 ng
RT: 15.678 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:330 Resp: 387261
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 21.8 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 62.182 ng

RT: 12.641 min Scan# 1

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

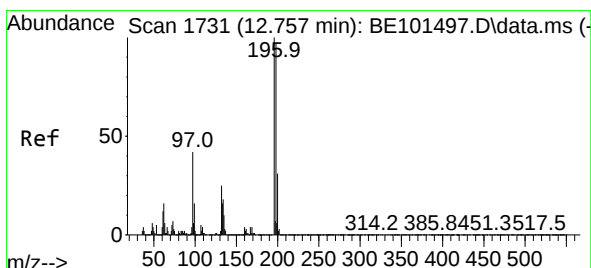
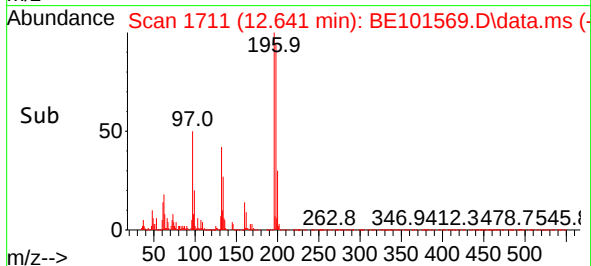
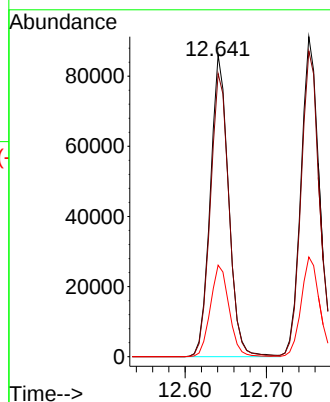
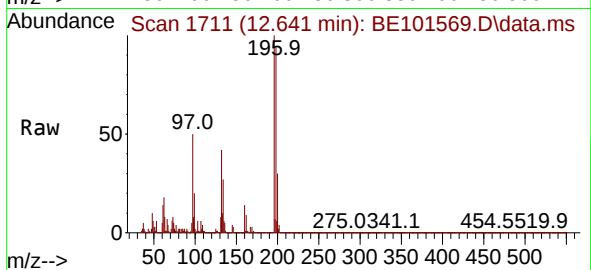
Tgt Ion:196 Resp: 134566

Ion Ratio Lower Upper

196 100

198 93.8 77.7 116.5

200 30.3 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 60.778 ng

RT: 12.752 min Scan# 1730

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Tgt Ion:196 Resp: 146530

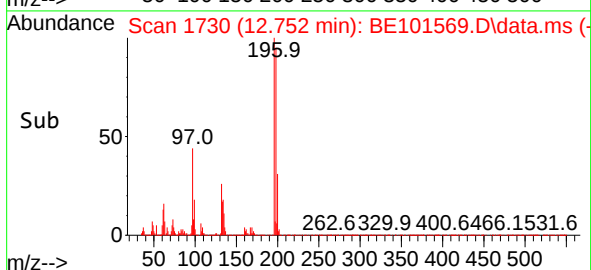
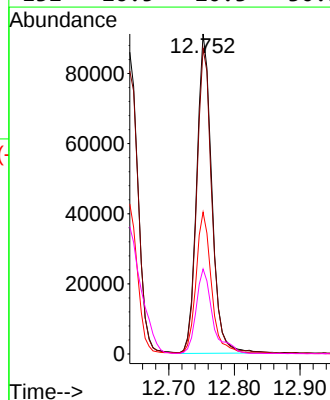
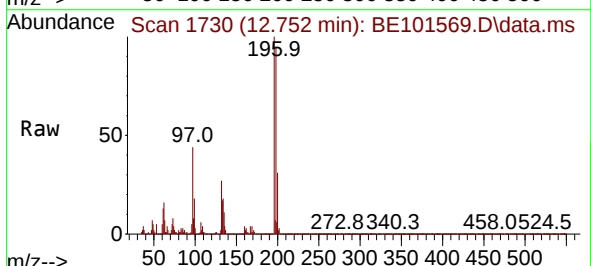
Ion Ratio Lower Upper

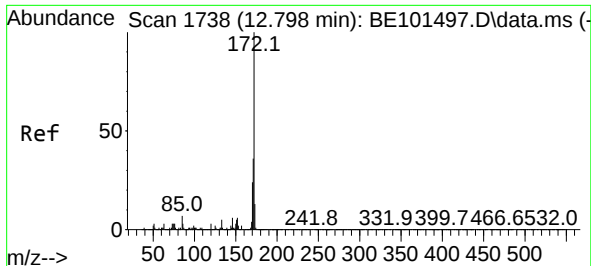
196 100

198 95.5 77.3 115.9

97 44.3 33.4 50.0

132 26.5 20.3 30.5

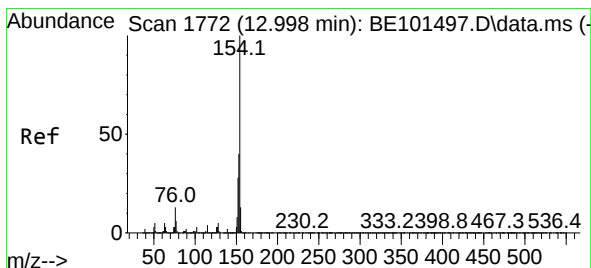
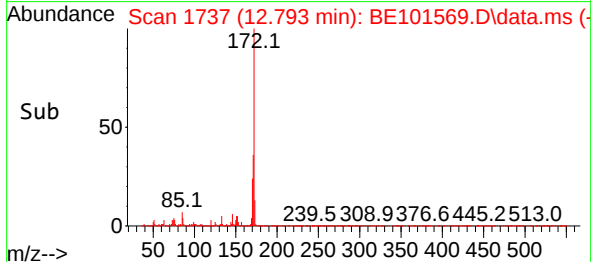
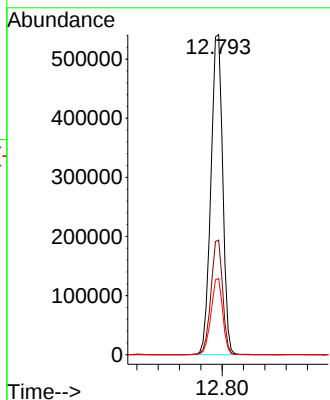
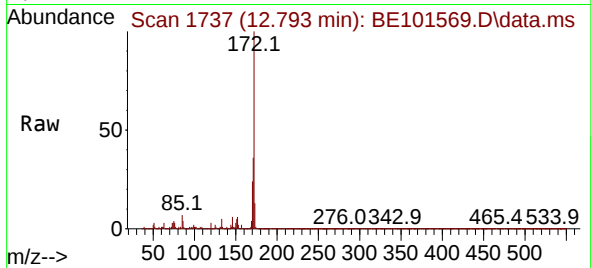




#45
2-Fluorobiphenyl
Concen: 113.698 ng
RT: 12.793 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

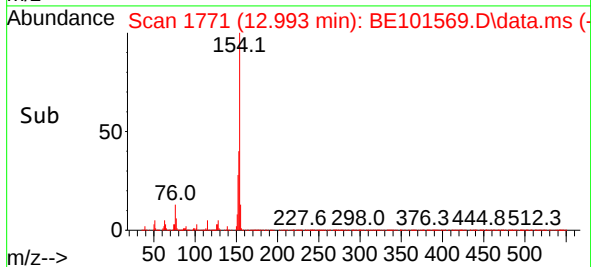
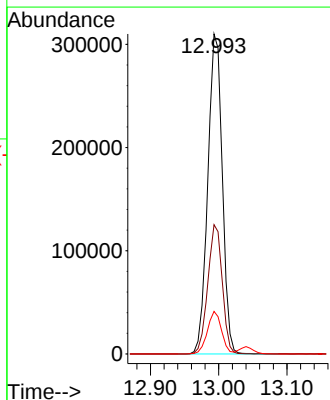
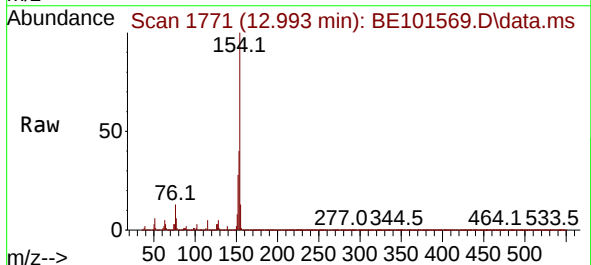
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

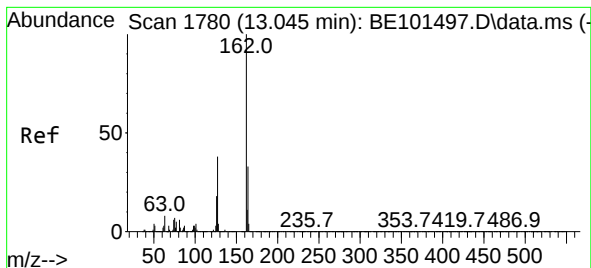
Tgt Ion:172 Resp: 832246
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 55.614 ng
RT: 12.993 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:154 Resp: 458493
Ion Ratio Lower Upper
154 100
153 40.4 19.7 59.7
76 13.3 0.0 33.0





#47

2-Chloronaphthalene

Concen: 53.854 ng

RT: 13.040 min Scan# 11

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

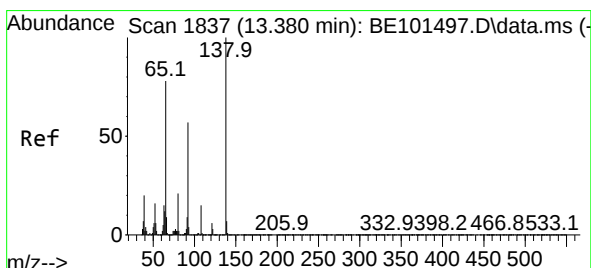
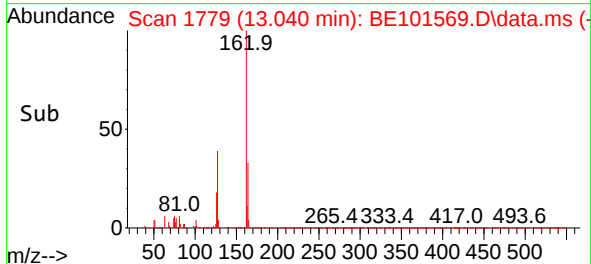
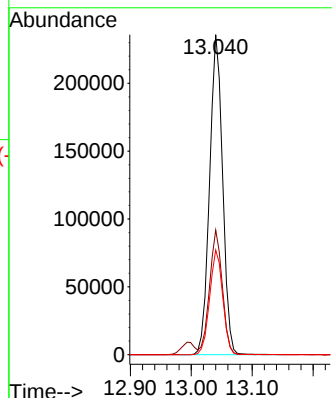
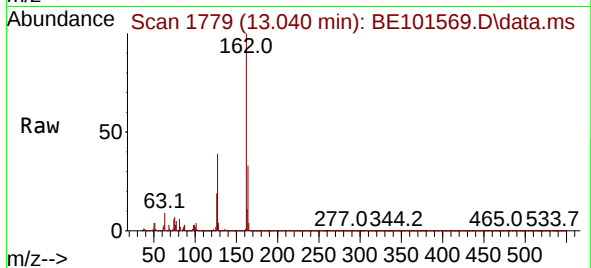
Tgt Ion:162 Resp: 350184

Ion Ratio Lower Upper

162 100

127 39.0 30.2 45.4

164 32.7 26.4 39.6



#48

2-Nitroaniline

Concen: 64.072 ng

RT: 13.375 min Scan# 1836

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

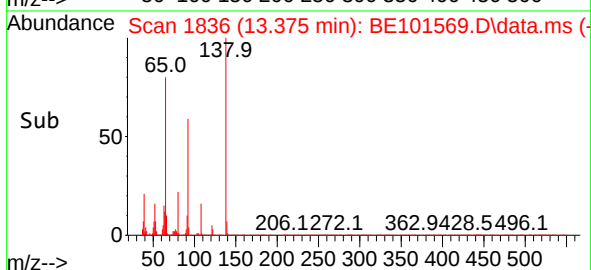
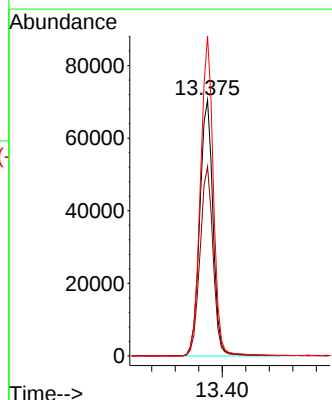
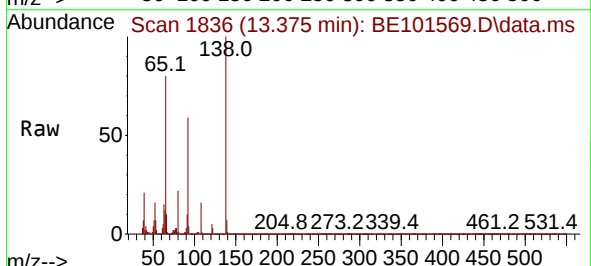
Tgt Ion: 65 Resp: 110281

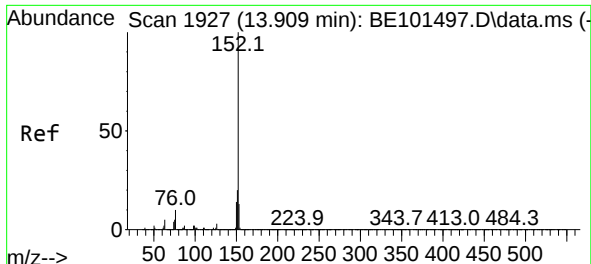
Ion Ratio Lower Upper

65 100

92 73.9 58.9 88.3

138 125.0 103.0 154.6

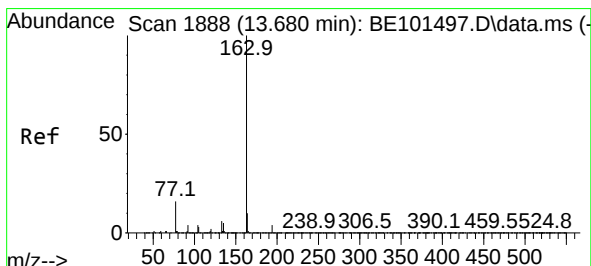
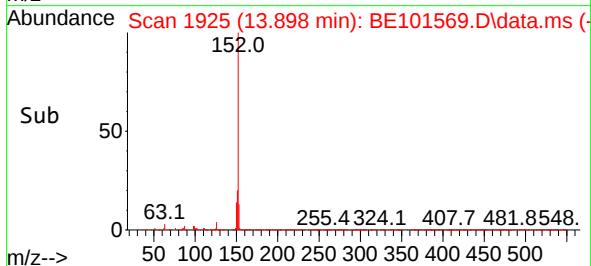
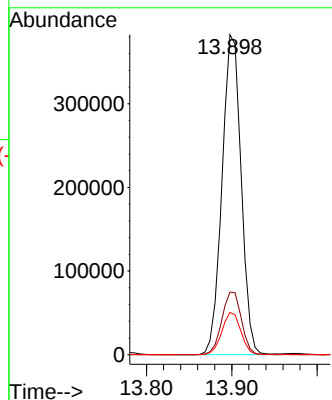
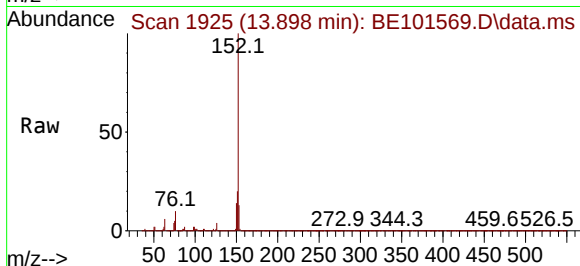




#49
Acenaphthylene
Concen: 61.566 ng
RT: 13.898 min Scan# 1925
Delta R.T. -0.011 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

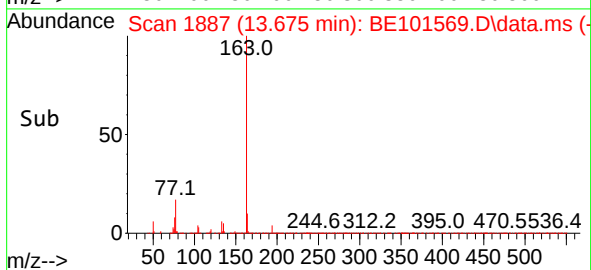
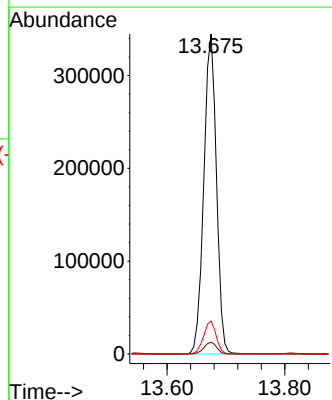
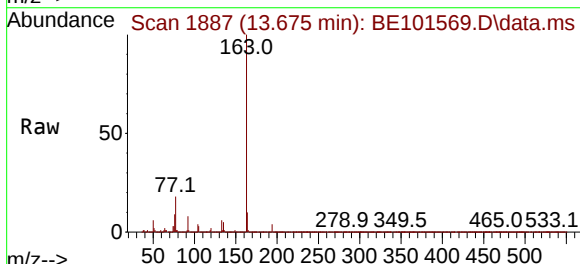
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

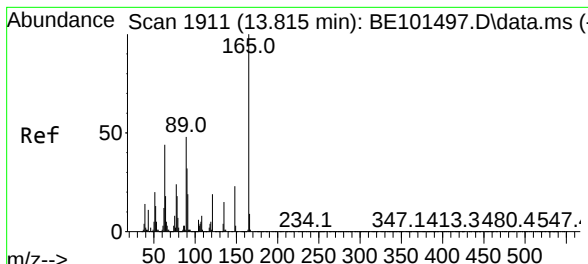
Tgt Ion:152 Resp: 596571
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 60.004 ng
RT: 13.675 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:163 Resp: 510689
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.3 8.2 12.2

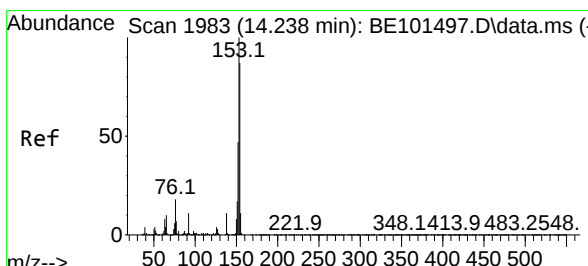
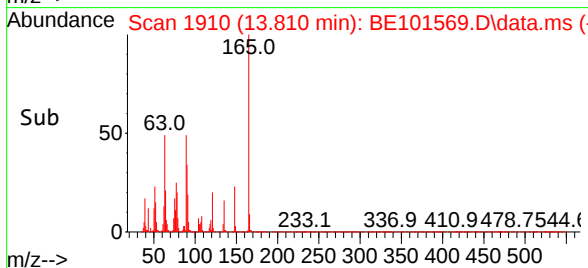
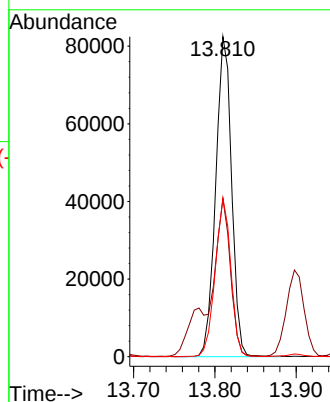
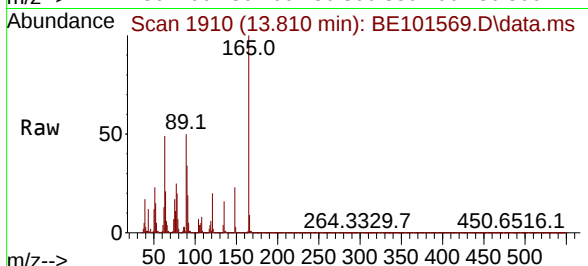




#51
2,6-Dinitrotoluene
Concen: 57.013 ng
RT: 13.810 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

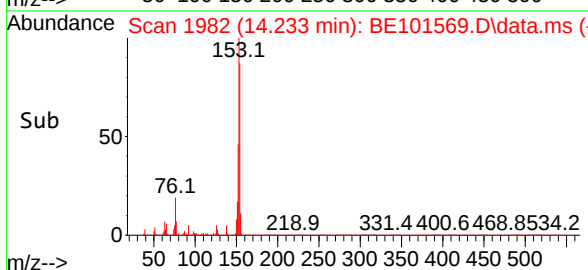
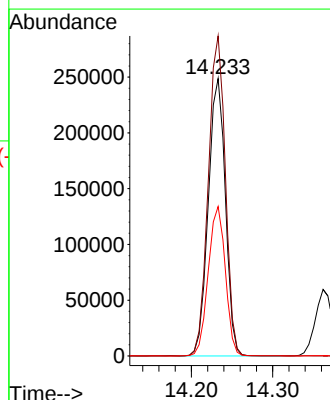
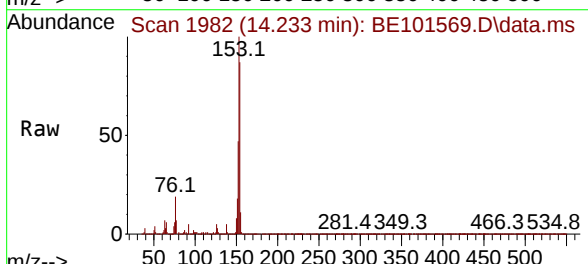
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

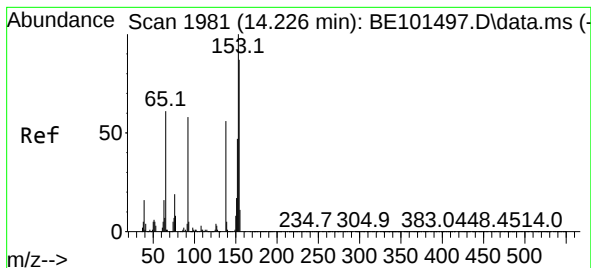
Tgt Ion:	165	Resp:	111994
Ion	Ratio	Lower	Upper
165	100		
63	49.4	37.2	55.8
89	49.5	38.4	57.6



#52
Acenaphthene
Concen: 58.599 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:	154	Resp:	362345
Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.3	138.5
152	53.9	43.6	65.4

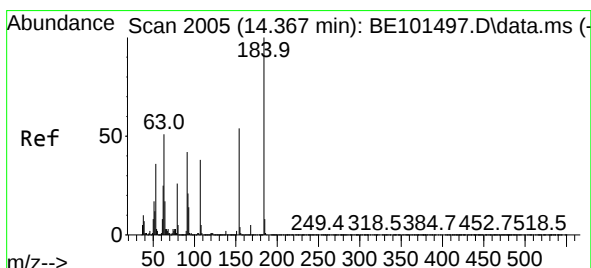
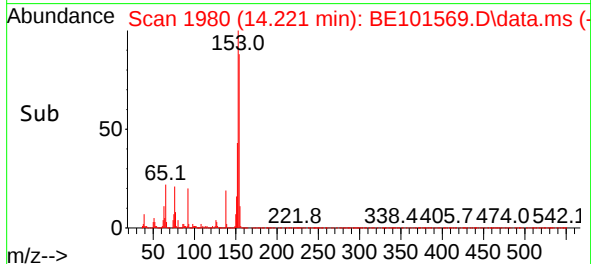
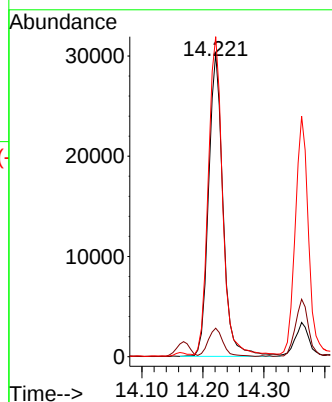
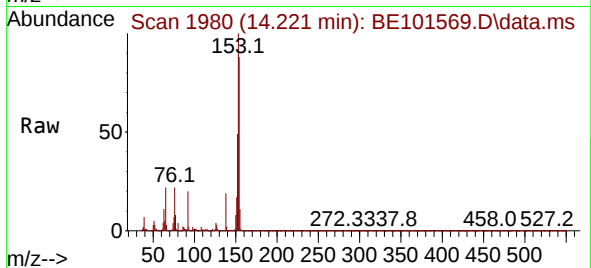




#53
3-Nitroaniline
Concen: 26.147 ng
RT: 14.221 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

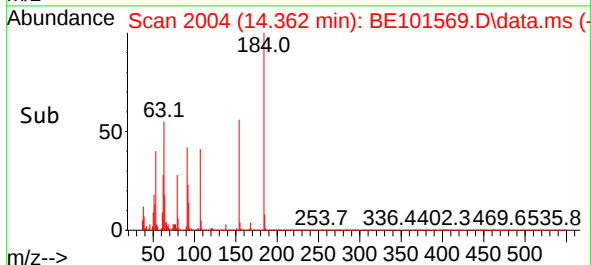
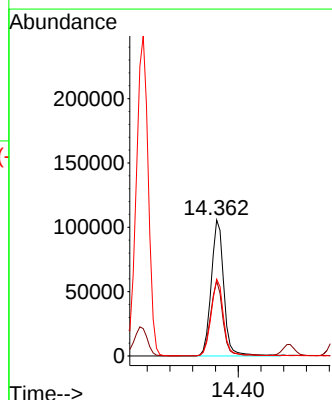
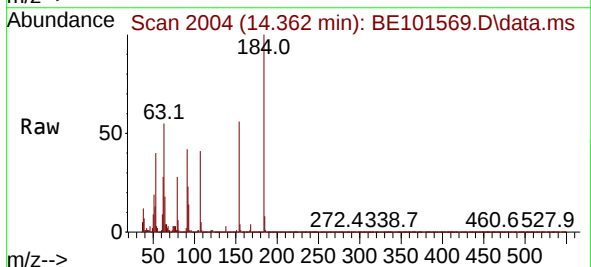
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

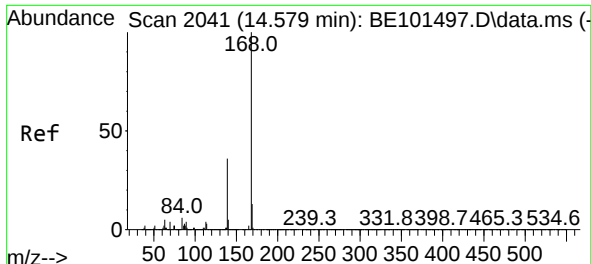
Tgt Ion:138 Resp: 49863
Ion Ratio Lower Upper
138 100
108 9.4 7.2 10.8
92 105.4 83.0 124.4



#54
2,4-Dinitrophenol
Concen: 140.675 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:184 Resp: 161938
Ion Ratio Lower Upper
184 100
63 55.2 41.0 61.4
154 56.4 43.2 64.8

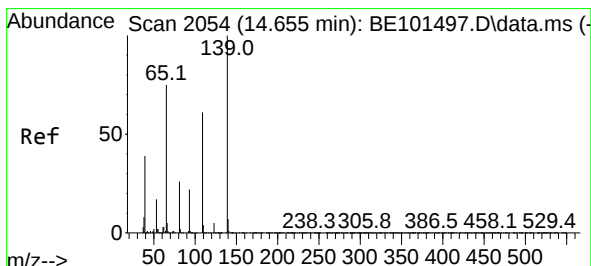
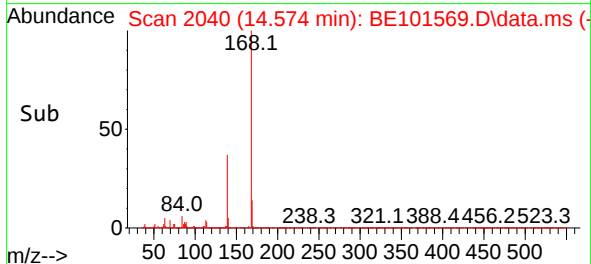
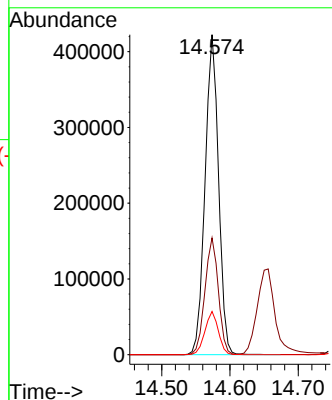
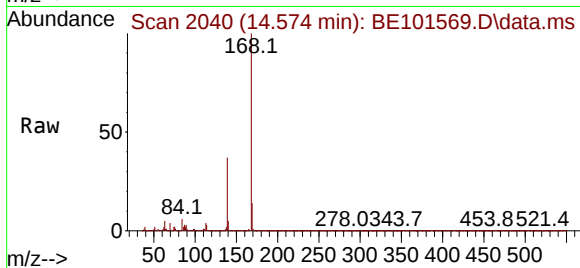




#55
Dibenzenofuran
Concen: 58.308 ng
RT: 14.574 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

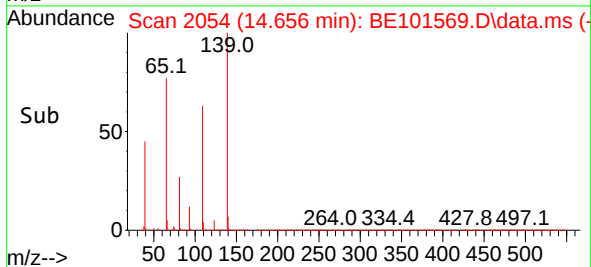
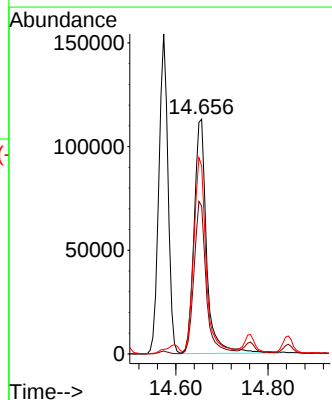
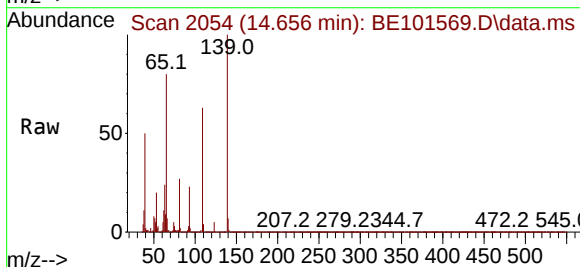
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

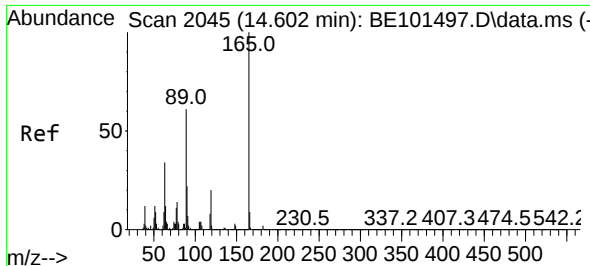
Tgt Ion:168 Resp: 580604
Ion Ratio Lower Upper
168 100
139 36.5 29.1 43.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 135.081 ng
RT: 14.656 min Scan# 2054
Delta R.T. 0.001 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:139 Resp: 212713
Ion Ratio Lower Upper
139 100
109 63.0 40.7 80.7
65 80.1 58.0 98.0

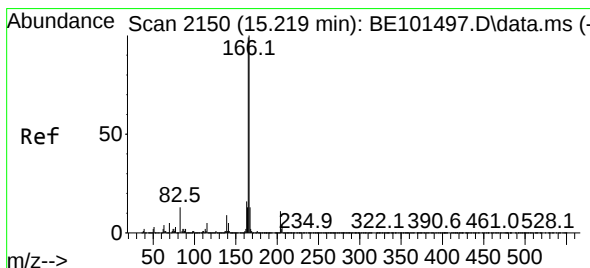
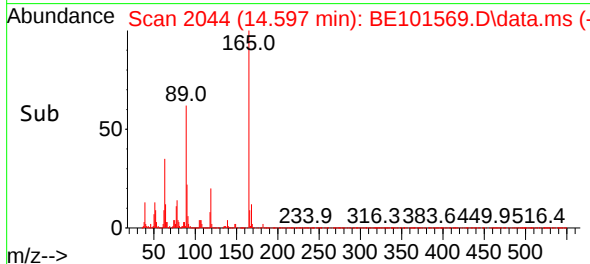
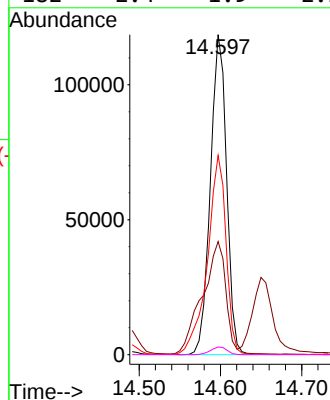
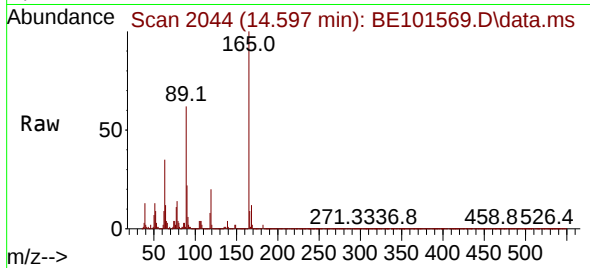




#57
2,4-Dinitrotoluene
Concen: 59.471 ng
RT: 14.597 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

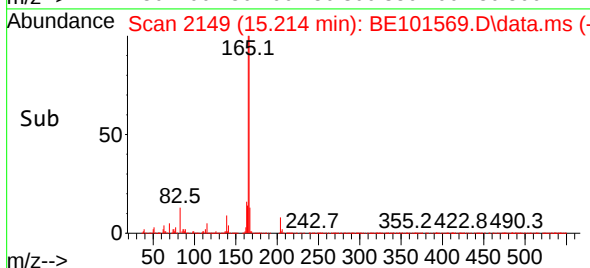
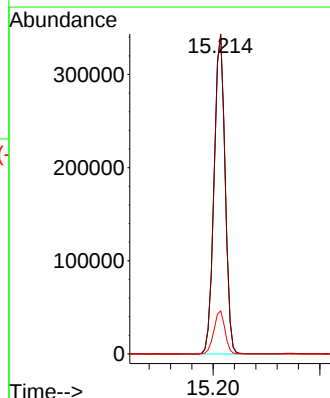
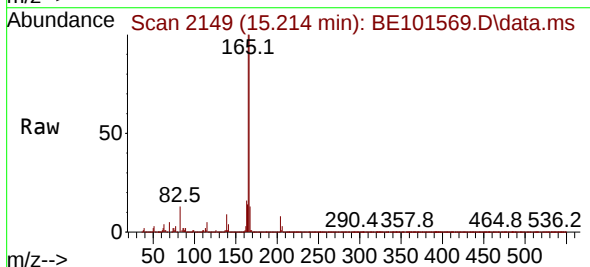
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

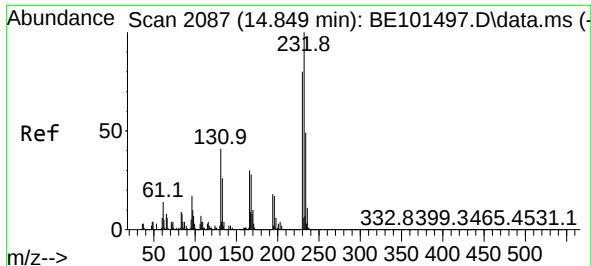
Tgt Ion:	165	Resp:	164121
Ion Ratio	Lower	Upper	
165	100		
63	35.4	27.8	41.8
89	62.3	49.5	74.3
182	2.4	1.9	2.9



#58
Fluorene
Concen: 59.184 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:	166	Resp:	491823
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.0	118.4
167	13.5	10.6	16.0

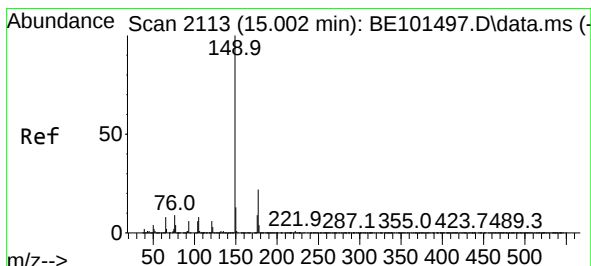
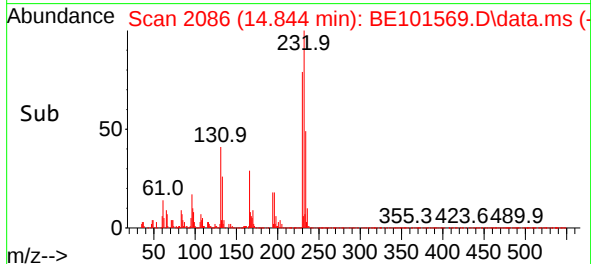
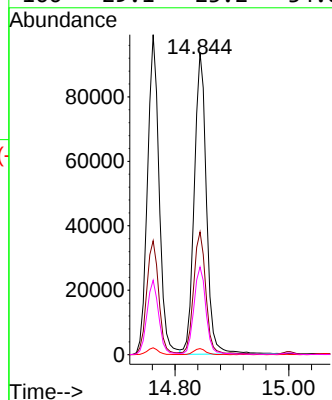
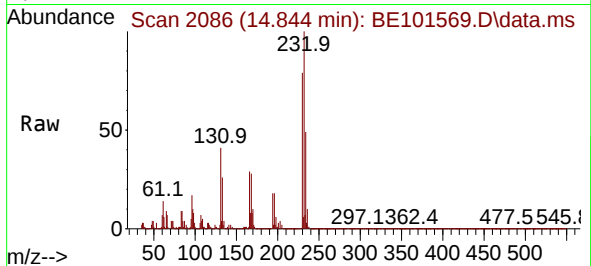




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.670 ng
RT: 14.844 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

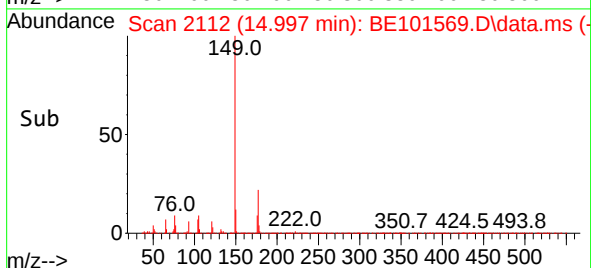
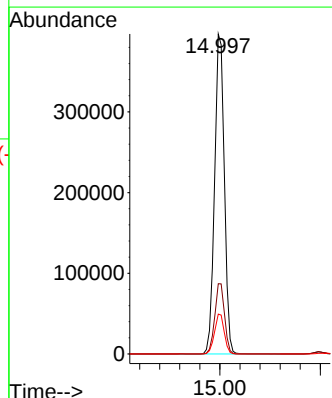
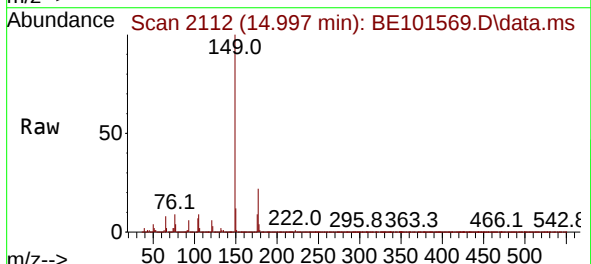
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

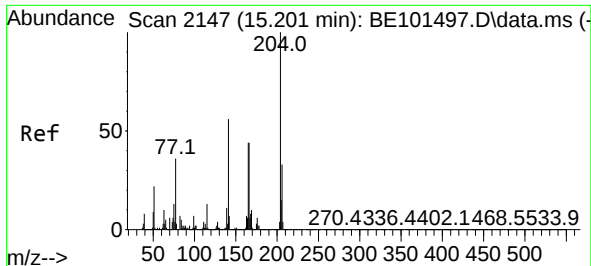
Tgt Ion:232 Resp: 139809
Ion Ratio Lower Upper
232 100
131 41.3 32.2 48.4
130 2.0 1.5 2.3
166 29.1 23.2 34.8



#60
Diethylphthalate
Concen: 59.345 ng
RT: 14.997 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:149 Resp: 532550
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.4 10.0 15.0

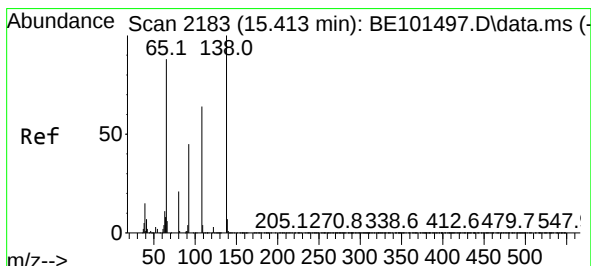
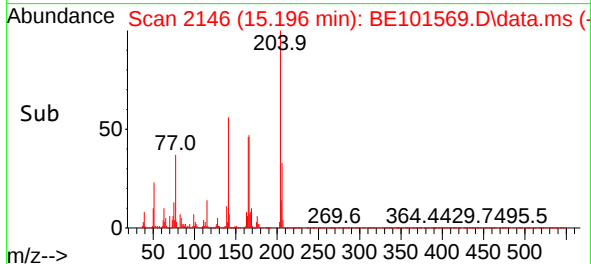
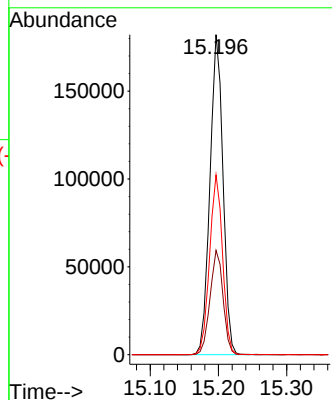
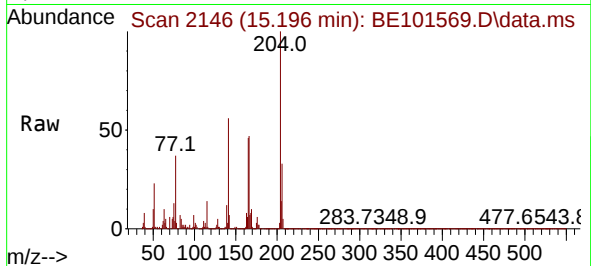




#61
4-Chlorophenyl-phenylether
Concen: 57.371 ng
RT: 15.196 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

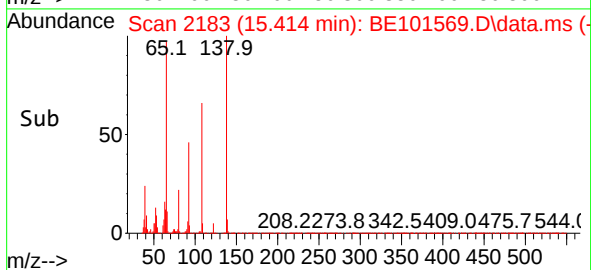
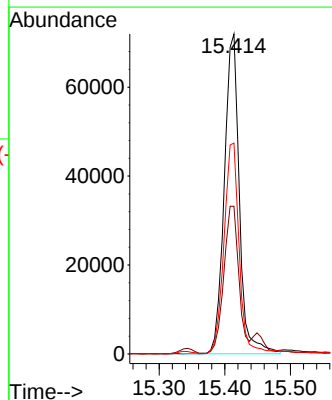
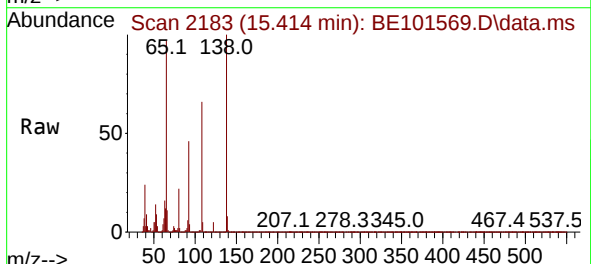
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

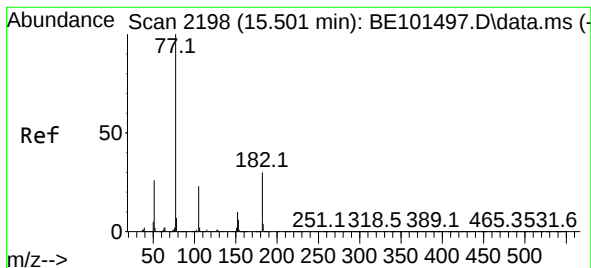
Tgt Ion:204 Resp: 242100
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 56.2 44.8 67.2



#62
4-Nitroaniline
Concen: 55.653 ng
RT: 15.414 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:138 Resp: 114344
Ion Ratio Lower Upper
138 100
92 46.1 25.7 65.7
108 65.9 44.4 84.4





#63

Azobenzene

Concen: 61.482 ng

RT: 15.496 min Scan# 2197

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

Tgt Ion: 77 Resp: 450119

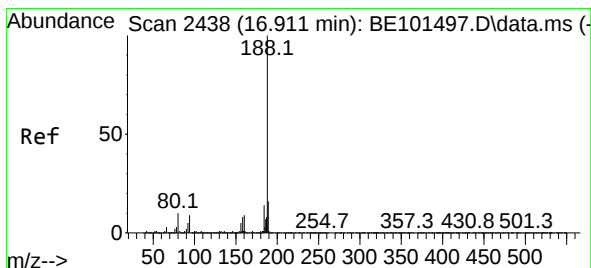
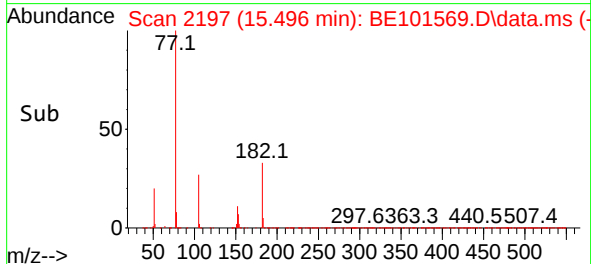
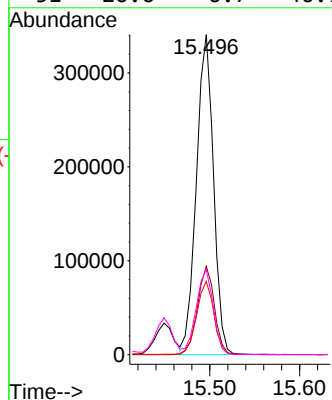
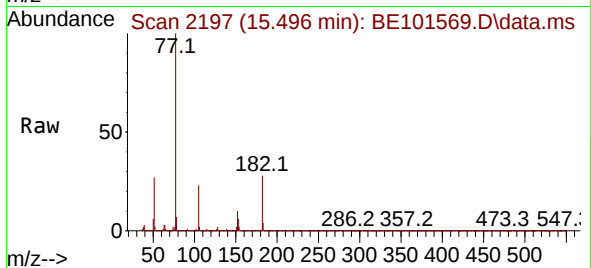
Ion Ratio Lower Upper

77 100

182 27.6 9.1 49.1

105 22.9 3.2 43.2

51 26.6 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.906 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

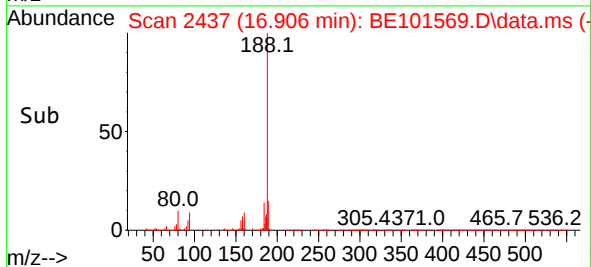
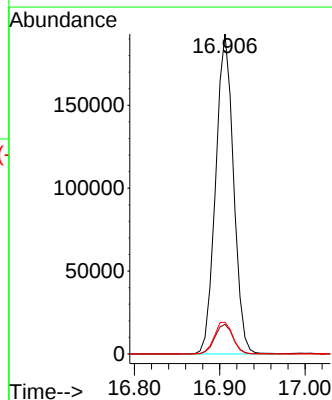
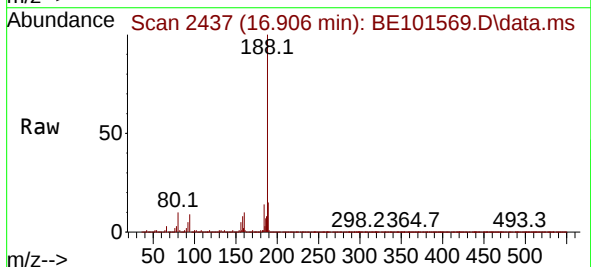
Tgt Ion:188 Resp: 280842

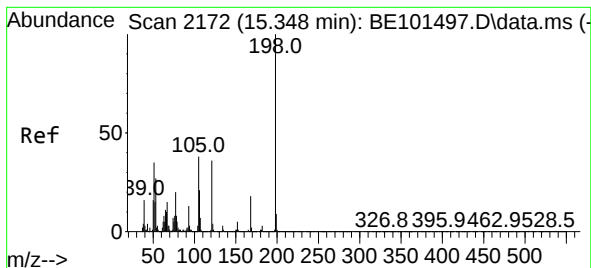
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.9 8.0 12.0

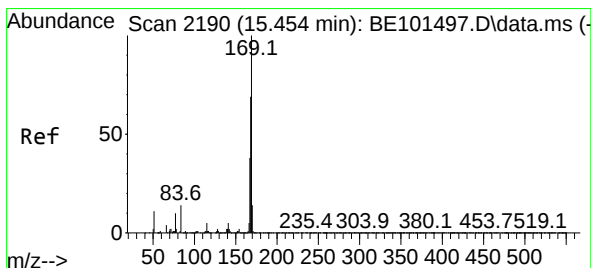
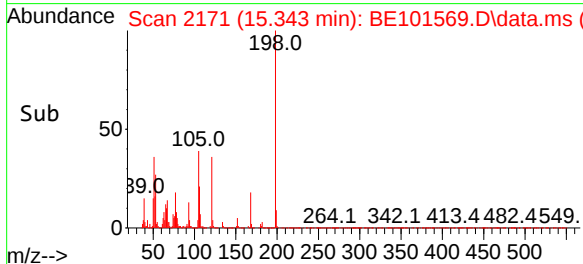
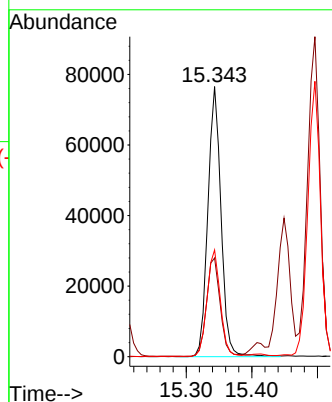
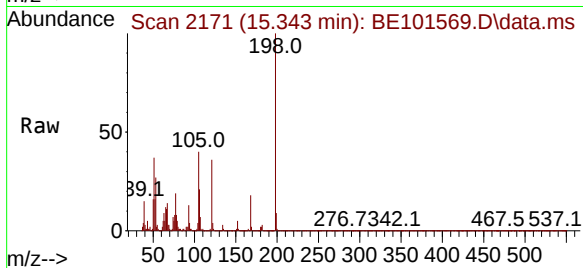




#65
4,6-Dinitro-2-methylphenol
Concen: 64.080 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

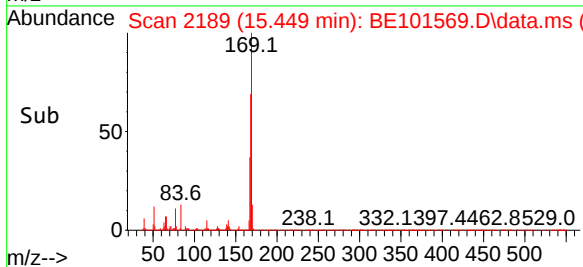
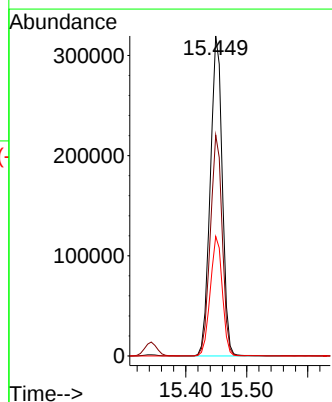
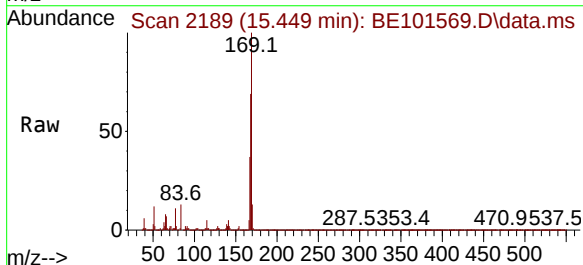
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

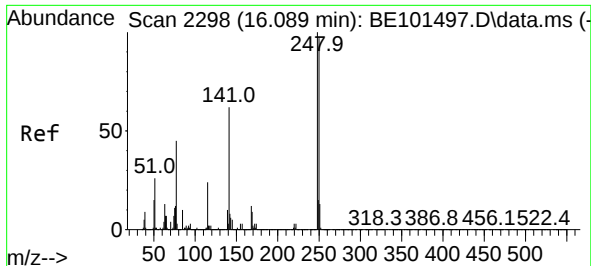
Tgt Ion:198 Resp: 106827
Ion Ratio Lower Upper
198 100
51 36.6 15.3 55.3
105 39.5 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 58.722 ng
RT: 15.449 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:169 Resp: 437660
Ion Ratio Lower Upper
169 100
168 69.1 55.5 83.3
167 37.4 30.4 45.6

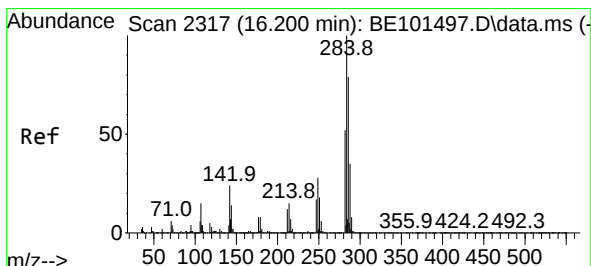
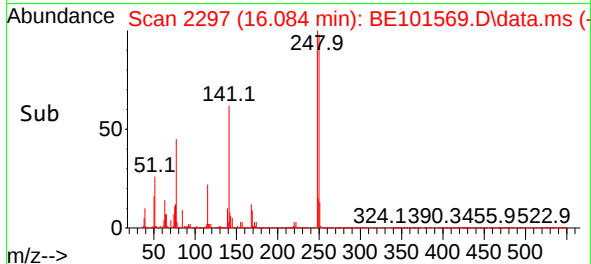
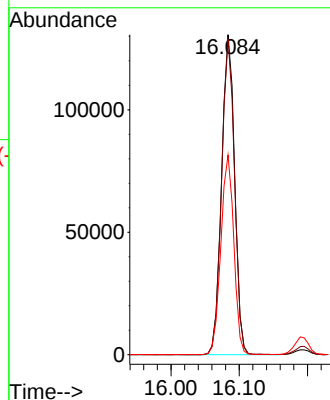
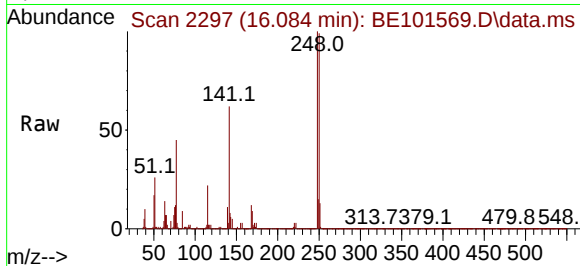




#67
4-Bromophenyl-phenylether
Concen: 56.042 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

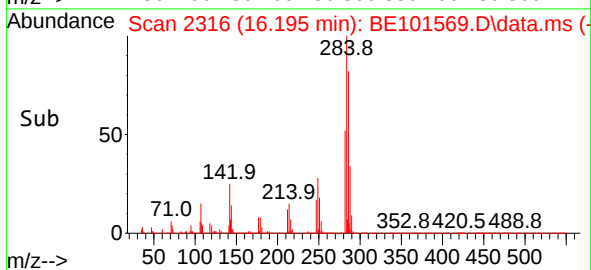
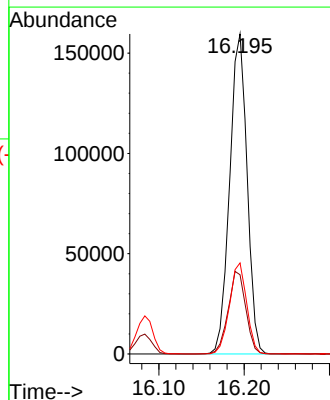
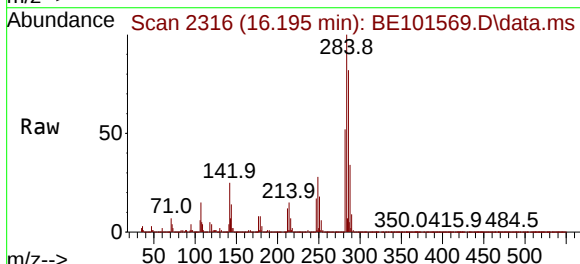
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

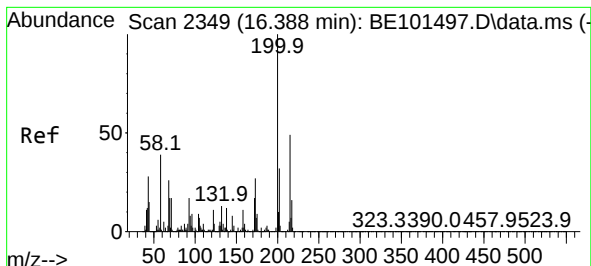
Tgt Ion:248 Resp: 173590
Ion Ratio Lower Upper
248 100
250 98.6 78.0 117.0
141 62.4 50.0 75.0



#68
Hexachlorobenzene
Concen: 55.565 ng
RT: 16.195 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:284 Resp: 226514
Ion Ratio Lower Upper
284 100
142 24.7 19.4 29.2
249 28.4 22.4 33.6





#69

Atrazine

Concen: 59.634 ng

RT: 16.383 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

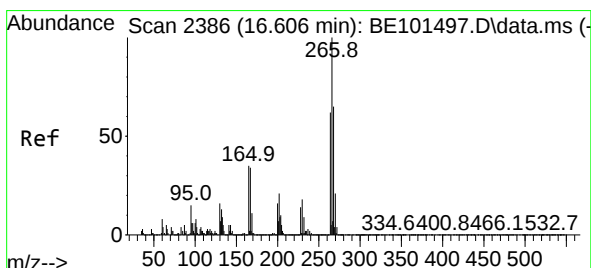
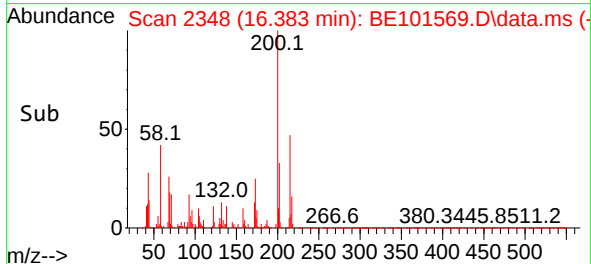
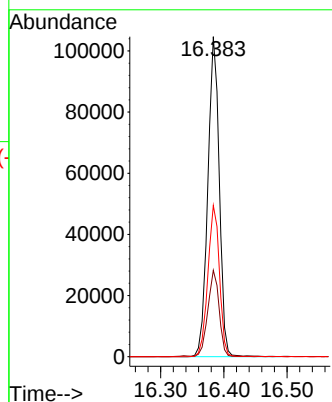
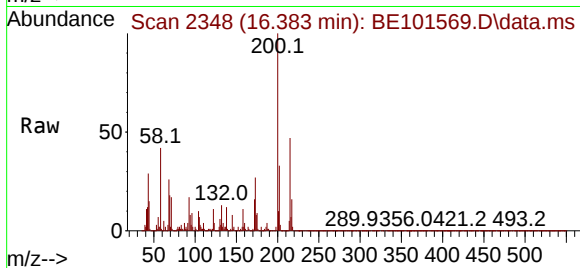
Tgt Ion:200 Resp: 131220

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

215 47.2 28.9 68.9



#70

Pentachlorophenol

Concen: 130.297 ng

RT: 16.601 min Scan# 2385

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

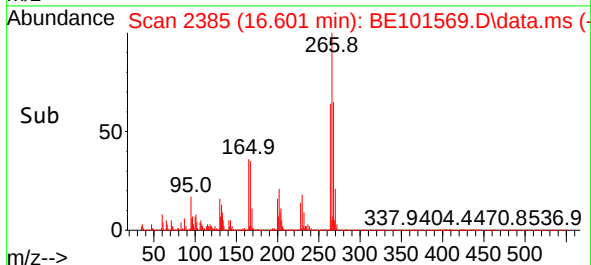
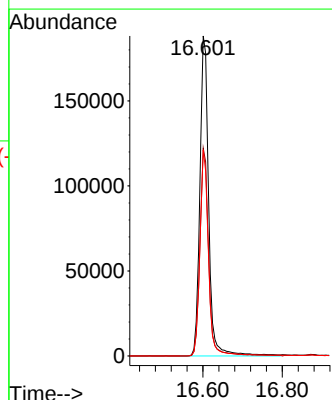
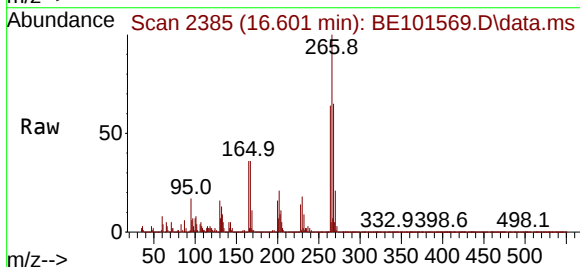
Tgt Ion:266 Resp: 288200

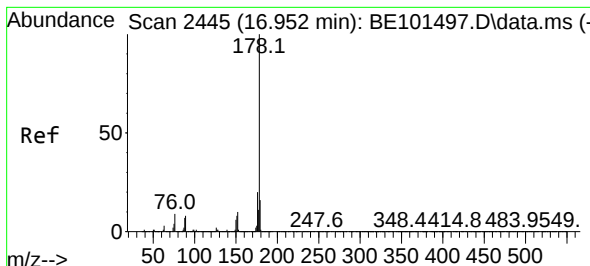
Ion Ratio Lower Upper

266 100

268 64.9 52.0 78.0

264 64.5 49.6 74.4





#71

Phenanthrene

Concen: 60.717 ng

RT: 16.947 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

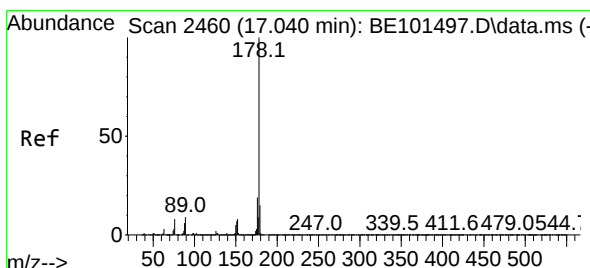
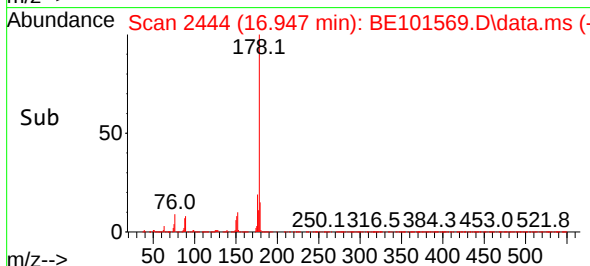
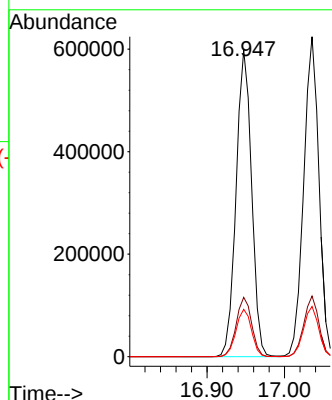
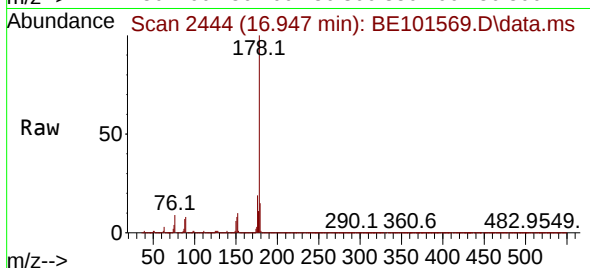
Tgt Ion:178 Resp: 829354

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.5 12.6 19.0



#72

Anthracene

Concen: 63.526 ng

RT: 17.035 min Scan# 2459

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

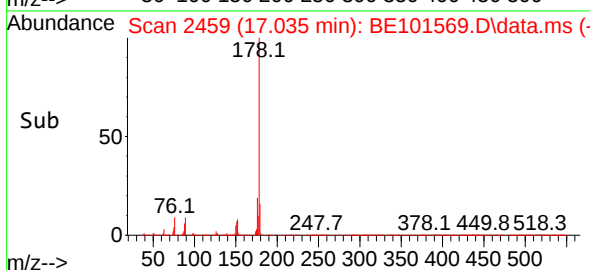
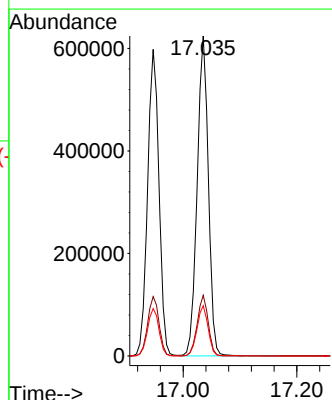
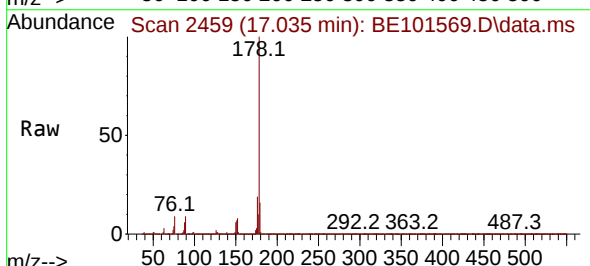
Tgt Ion:178 Resp: 856902

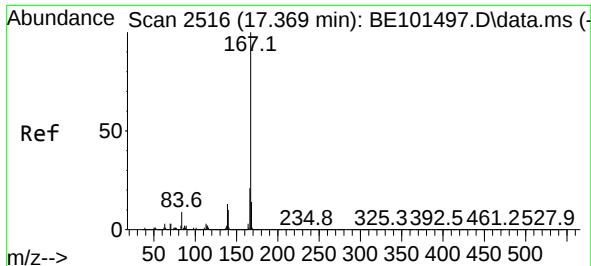
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.7 12.4 18.6

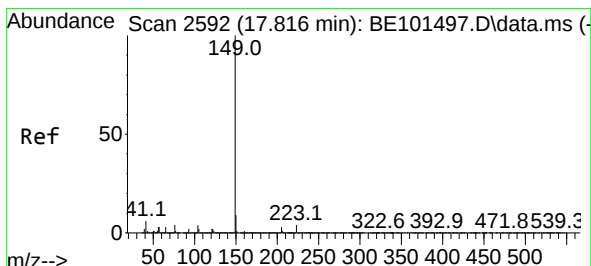
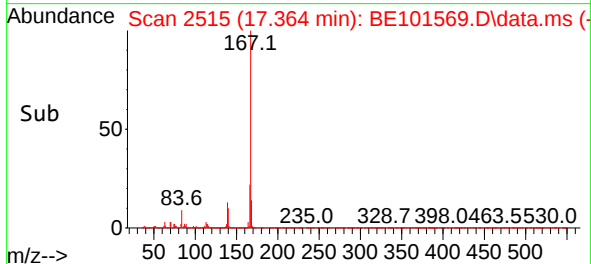
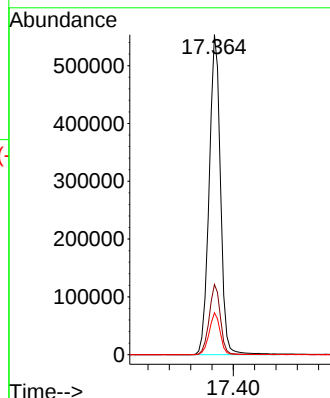
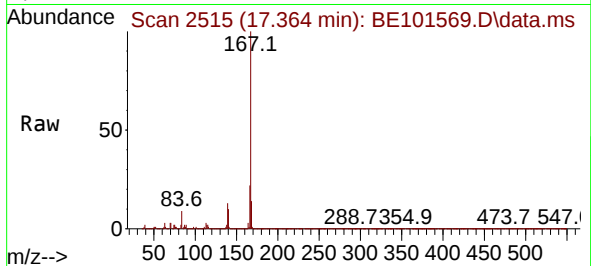




#73
 Carbazole
 Concen: 60.307 ng
 RT: 17.364 min Scan# 2515
 Delta R.T. -0.005 min
 Lab File: BE101569.D
 Acq: 11 Nov 2024 13:21

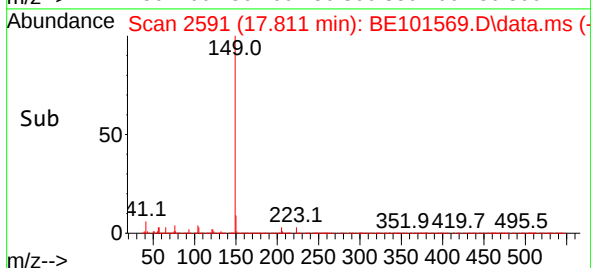
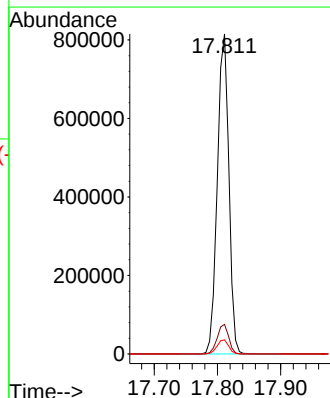
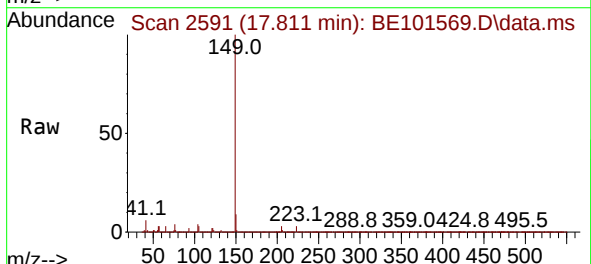
Instrument :
 BNA_E
 ClientSampleId :
 BP-B4MSD

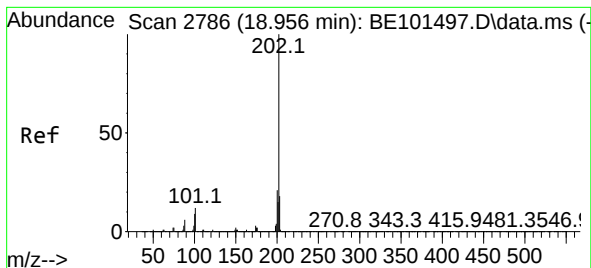
Tgt Ion:167 Resp: 815777
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 13.1 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 61.494 ng
 RT: 17.811 min Scan# 2591
 Delta R.T. -0.005 min
 Lab File: BE101569.D
 Acq: 11 Nov 2024 13:21

Tgt Ion:149 Resp: 1027252
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.4 3.4 5.2





#75

Fluoranthene

Concen: 60.635 ng

RT: 18.951 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

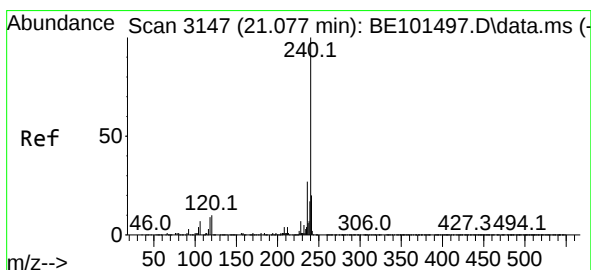
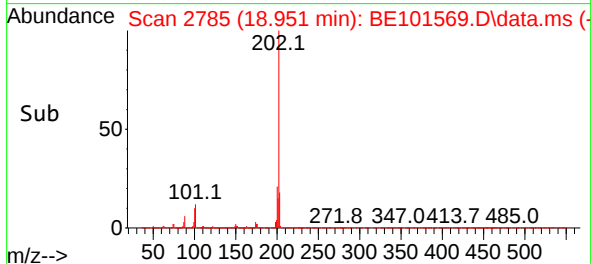
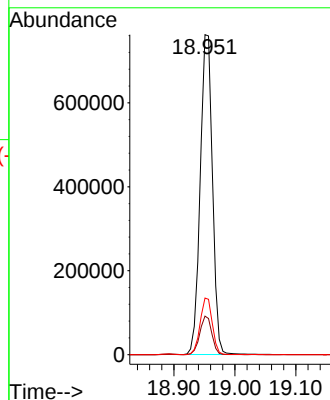
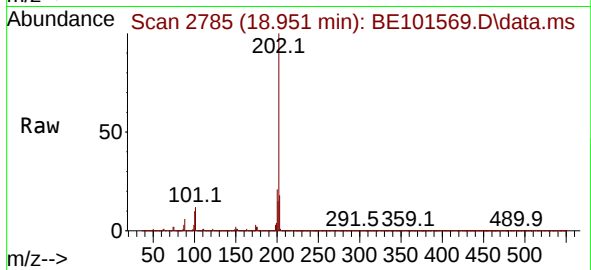
Tgt Ion:202 Resp: 1061922

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.7

203 17.7 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: BE101569.D

Acq: 11 Nov 2024 13:21

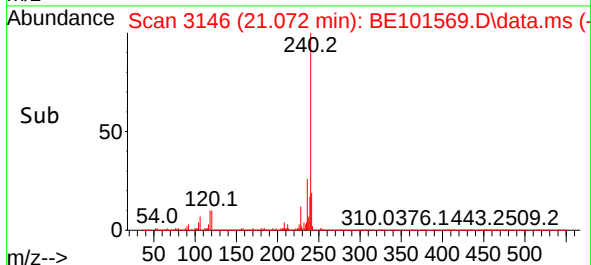
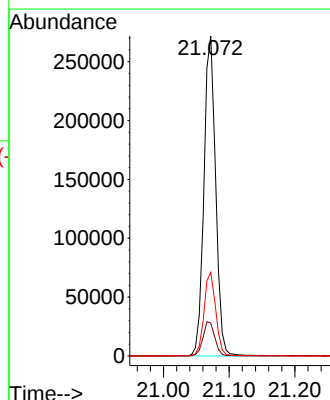
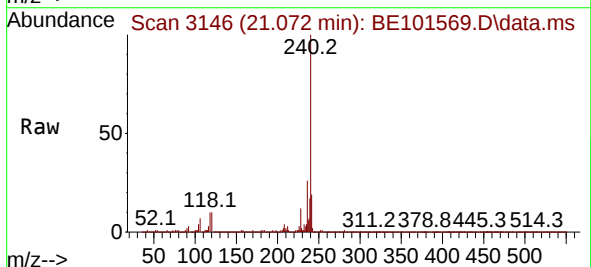
Tgt Ion:240 Resp: 338384

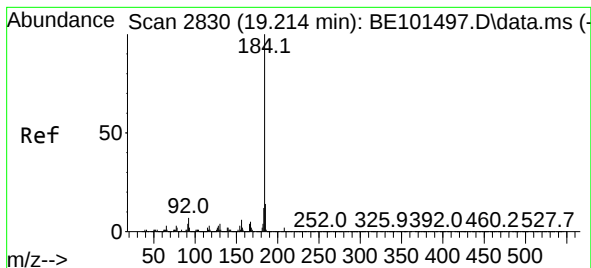
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.4

236 26.1 21.4 32.2





#77

Benzidine

Concen: 13.756 ng

RT: 19.215 min Scan# 2830

Delta R.T. 0.001 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

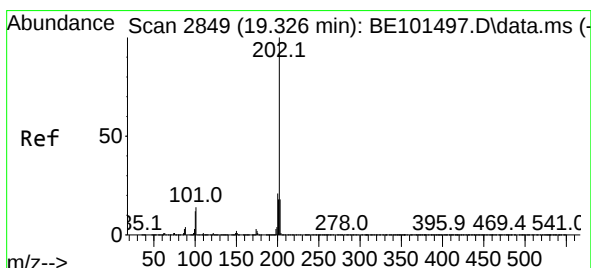
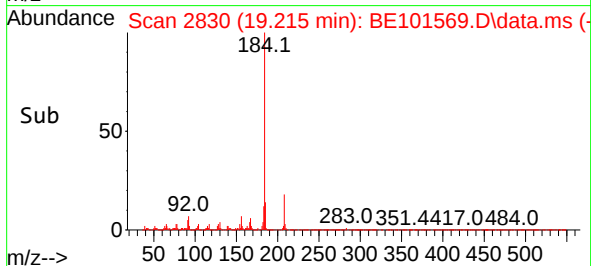
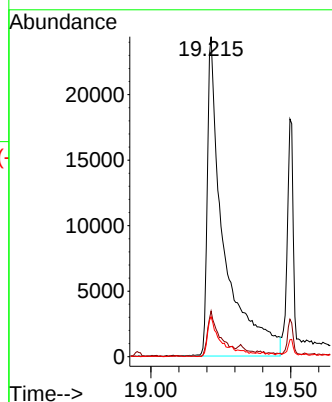
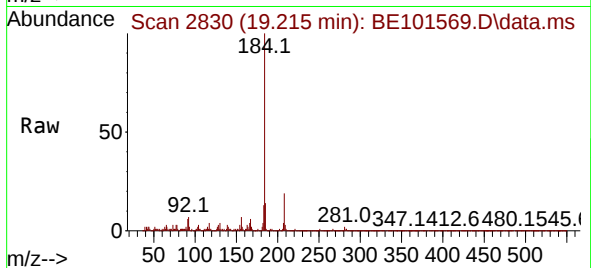
Tgt Ion:184 Resp: 99989

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 12.5 9.4 14.0



#78

Pyrene

Concen: 59.102 ng

RT: 19.321 min Scan# 2848

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

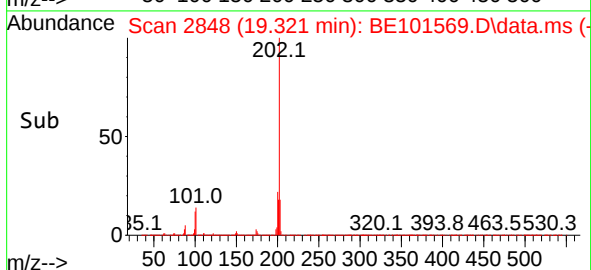
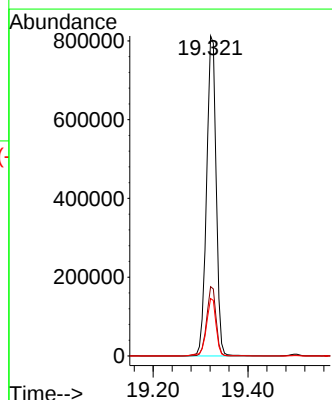
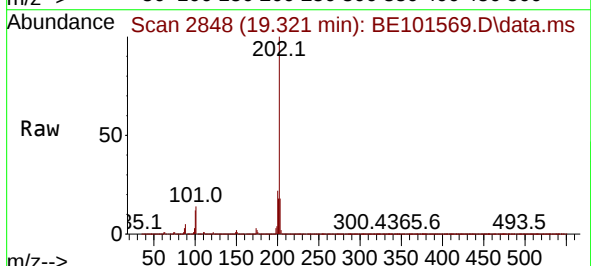
Tgt Ion:202 Resp: 1137934

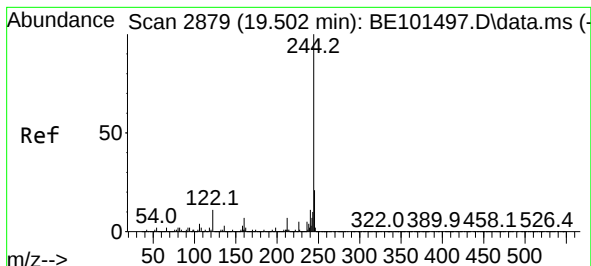
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 114.928 ng

RT: 19.497 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

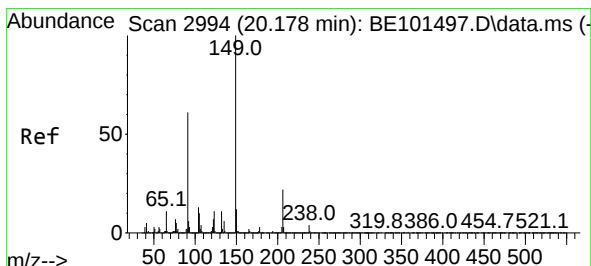
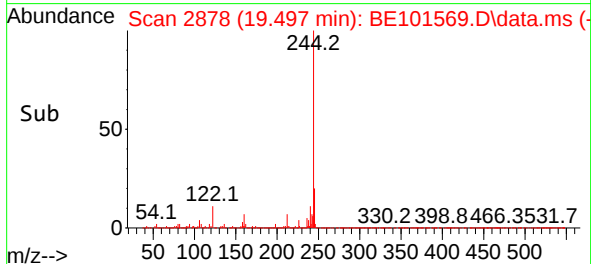
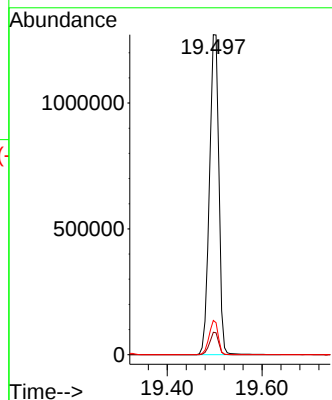
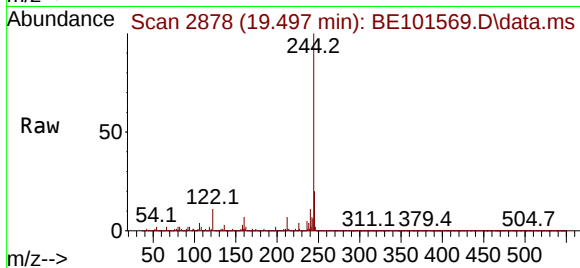
Tgt Ion:244 Resp: 1756893

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.7 8.4 12.6



#80

Butylbenzylphthalate

Concen: 60.327 ng

RT: 20.173 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

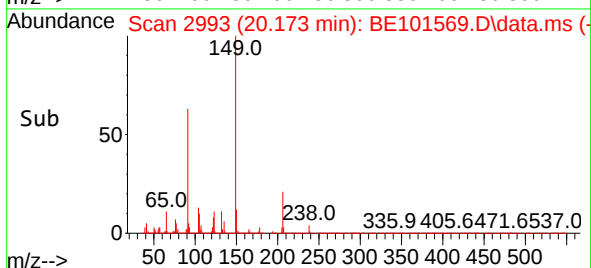
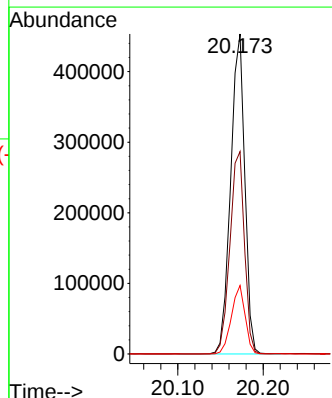
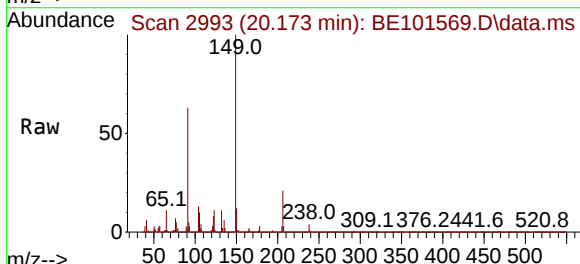
Tgt Ion:149 Resp: 521976

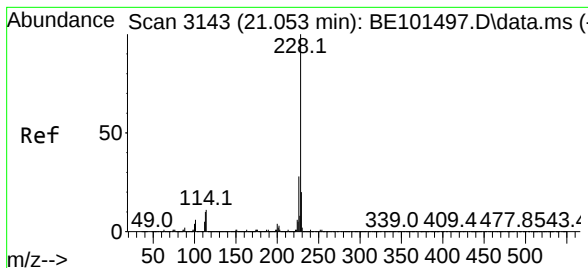
Ion Ratio Lower Upper

149 100

91 63.2 49.2 73.8

206 21.4 17.4 26.2





#81

Benzo(a)anthracene

Concen: 62.509 ng

RT: 21.048 min Scan# 3142

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

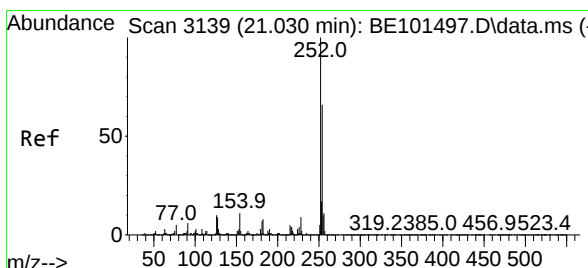
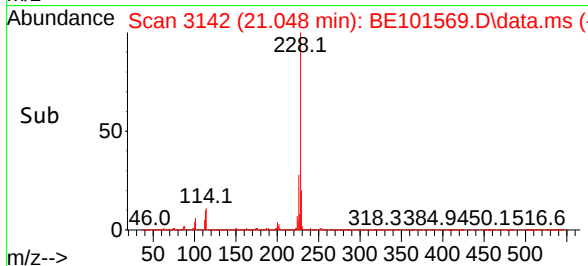
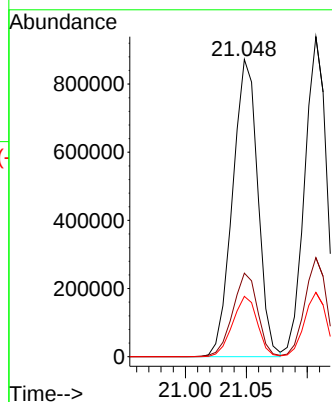
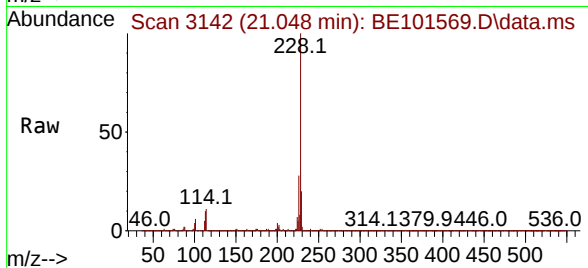
Tgt Ion:228 Resp: 1256227

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

229 20.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 33.200 ng

RT: 21.025 min Scan# 3138

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

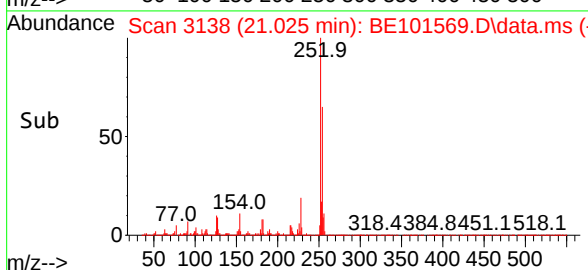
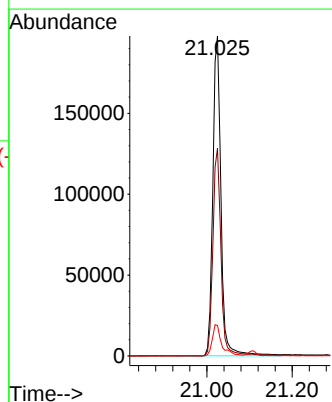
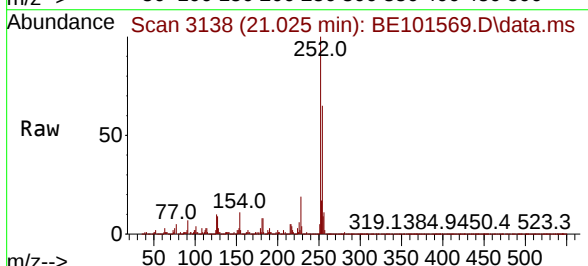
Tgt Ion:252 Resp: 262654

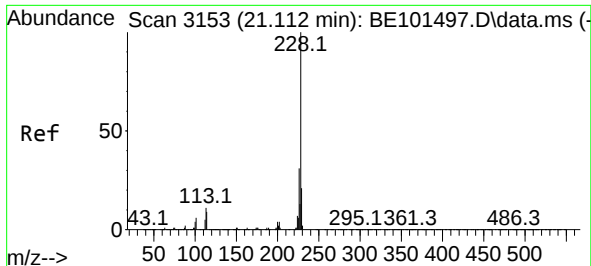
Ion Ratio Lower Upper

252 100

254 64.9 52.9 79.3

126 9.5 7.8 11.6





#83

Chrysene

Concen: 62.267 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

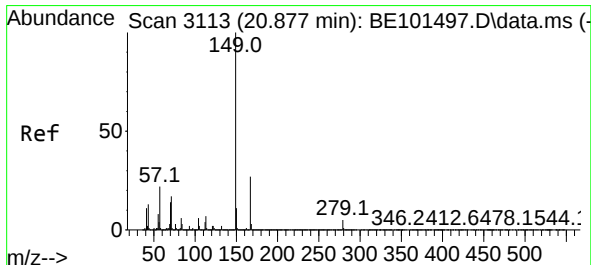
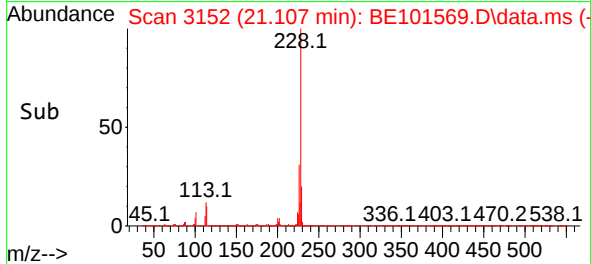
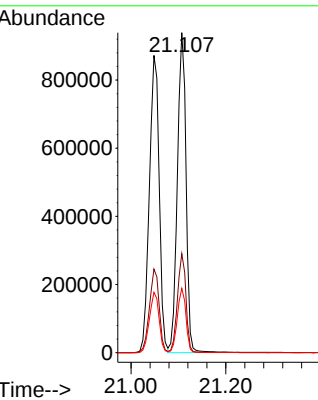
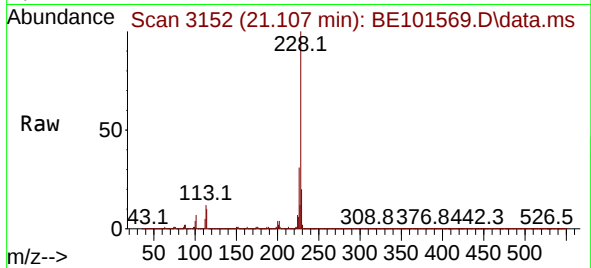
Tgt Ion:228 Resp: 1189426

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.858 ng

RT: 20.872 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

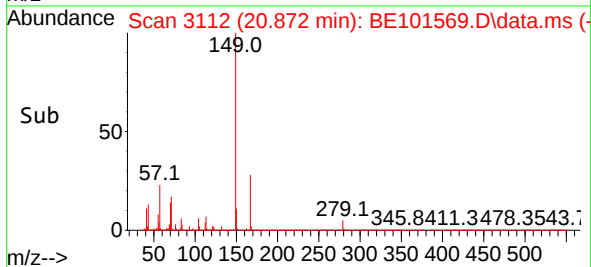
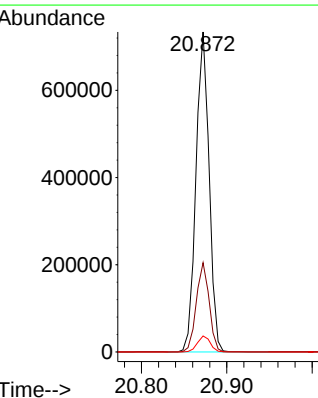
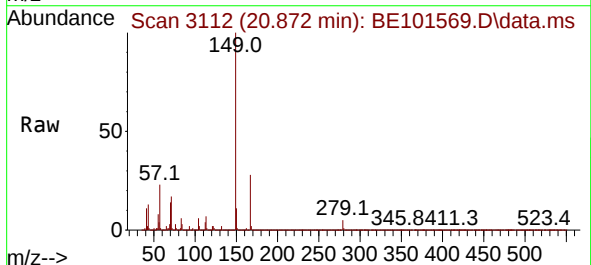
Tgt Ion:149 Resp: 783036

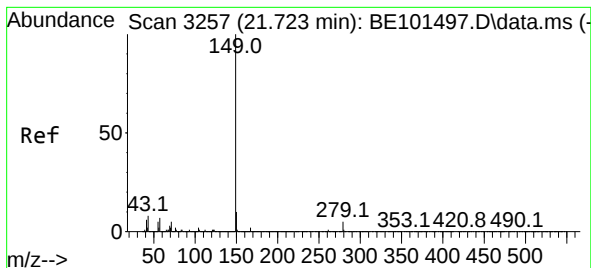
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 62.543 ng

RT: 21.718 min Scan# 31

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

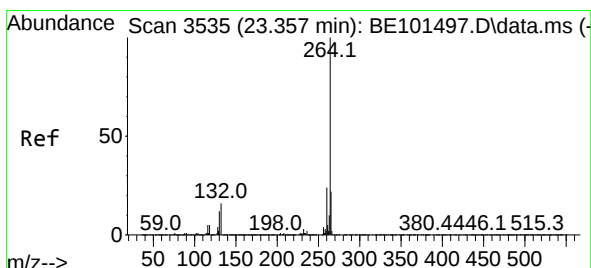
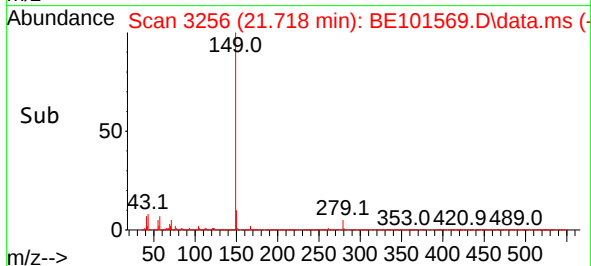
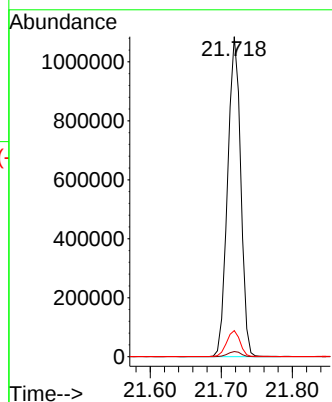
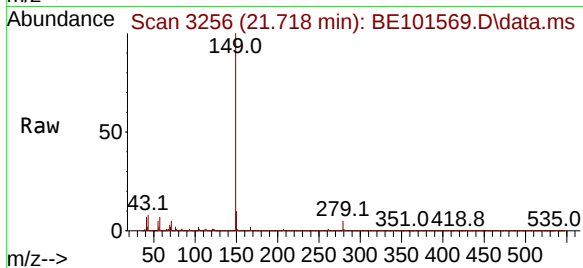
Tgt Ion:149 Resp: 1384122

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 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: BE101569.D

Acq: 11 Nov 2024 13:21

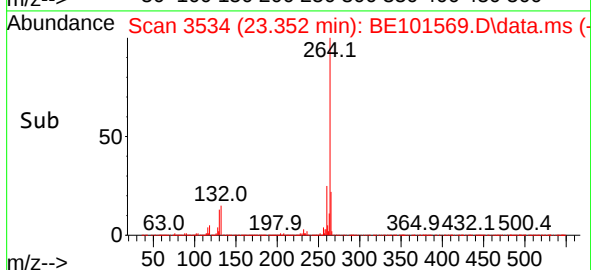
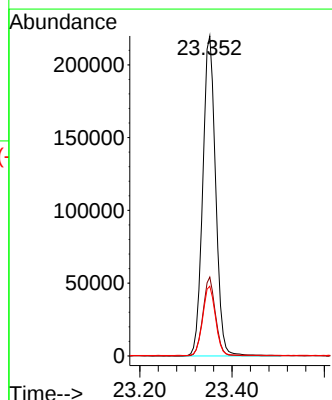
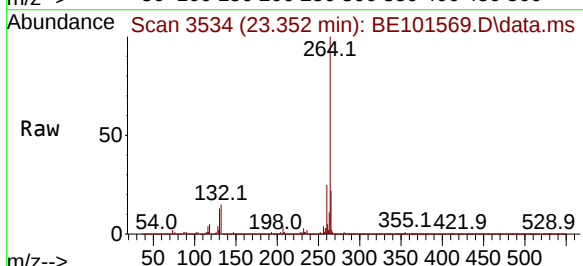
Tgt Ion:264 Resp: 428684

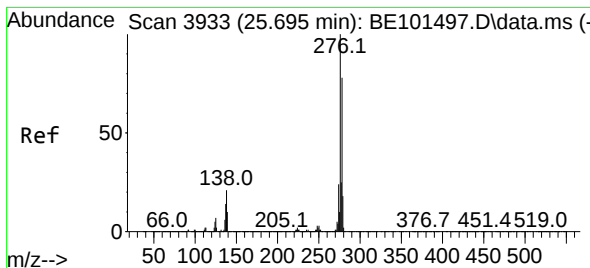
Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.760 ng

RT: 25.690 min Scan# 3933

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

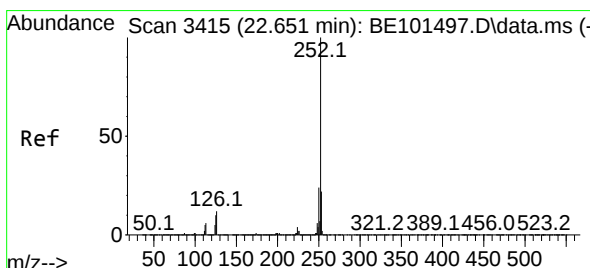
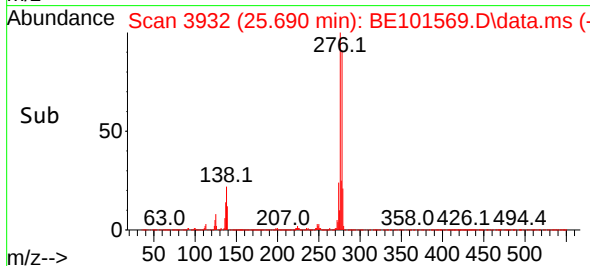
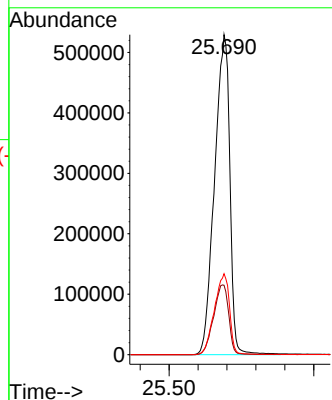
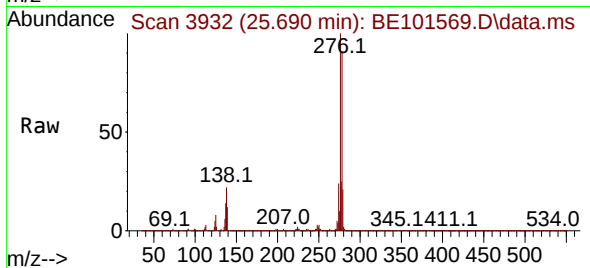
Tgt Ion:276 Resp: 1937244

Ion Ratio Lower Upper

276 100

138 21.6 17.0 25.6

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 60.226 ng

RT: 22.646 min Scan# 3414

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

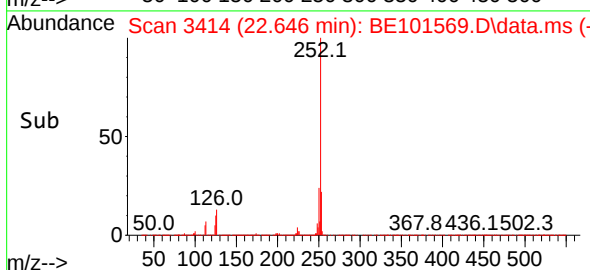
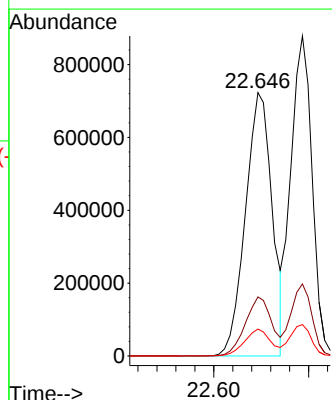
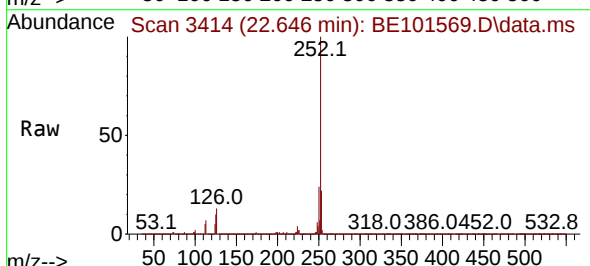
Tgt Ion:252 Resp: 1416480

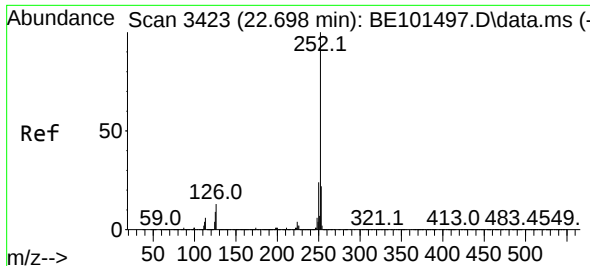
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.2 7.8 11.8

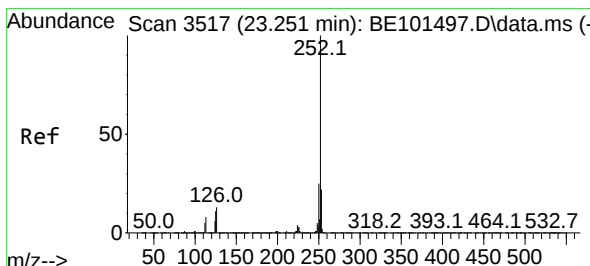
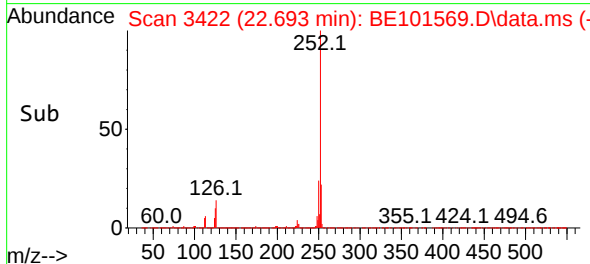
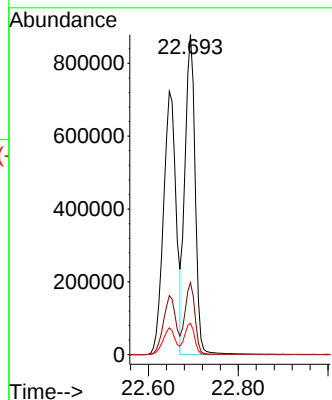
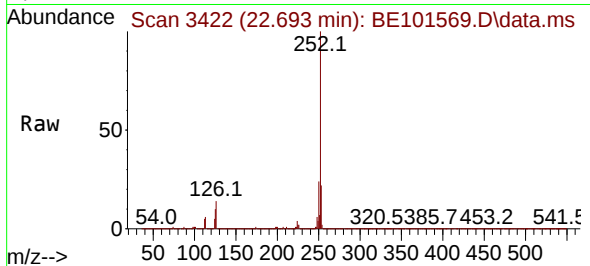




#89
Benzo(k)fluoranthene
Concen: 64.654 ng
RT: 22.693 min Scan# 3423
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

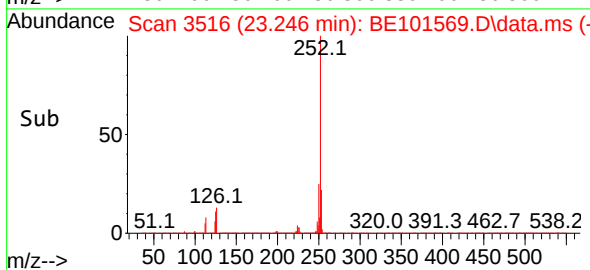
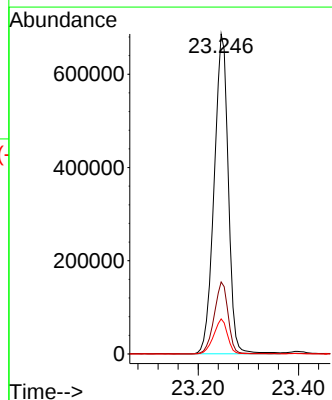
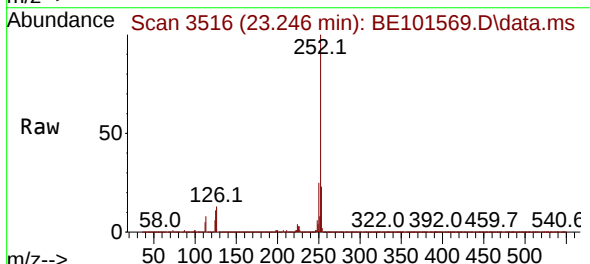
Instrument :
BNA_E
ClientSampleId :
BP-B4MSD

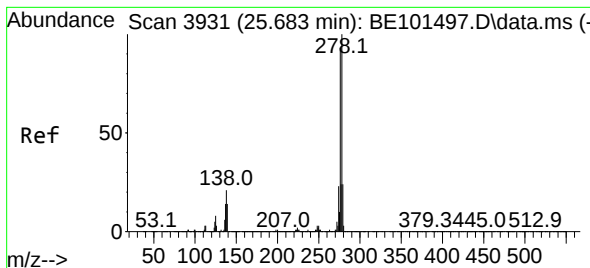
Tgt Ion:252 Resp: 1380393
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.8 7.7 11.5



#90
Benzo(a)pyrene
Concen: 65.933 ng
RT: 23.246 min Scan# 3516
Delta R.T. -0.005 min
Lab File: BE101569.D
Acq: 11 Nov 2024 13:21

Tgt Ion:252 Resp: 1338779
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.0 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 65.461 ng

RT: 25.678 min Scan# 3931

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

BP-B4MSD

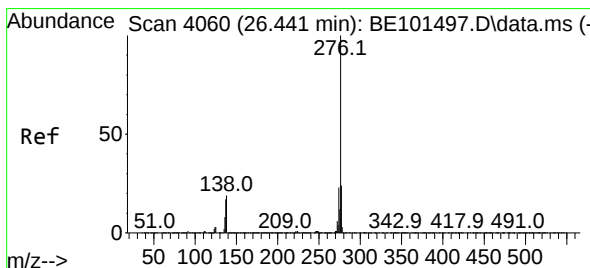
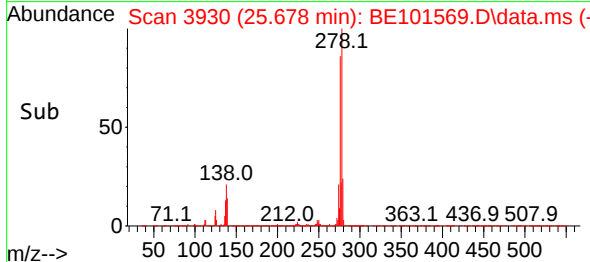
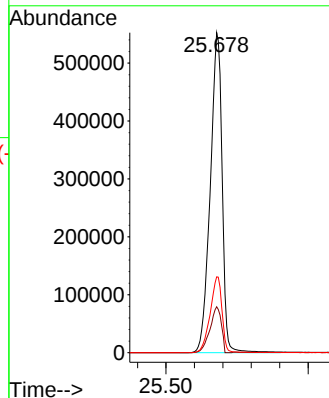
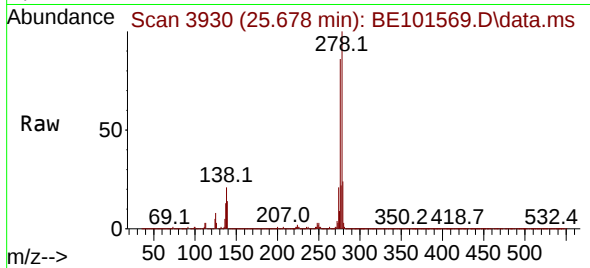
Tgt Ion:278 Resp: 1606042

Ion Ratio Lower Upper

278 100

139 14.3 11.2 16.8

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 58.635 ng

RT: 26.436 min Scan# 4059

Delta R.T. -0.005 min

Lab File: BE101569.D

Acq: 11 Nov 2024 13:21

Tgt Ion:276 Resp: 1461526

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 18.7 15.3 22.9

