

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101558.D
 Acq On : 8 Nov 2024 18:43
 Operator : RC/JU
 Sample : P4739-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-14MSD

Quant Time: Nov 08 23:48:34 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	43513	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	182419	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	120731	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	285084	20.000	ng	0.00
76) Chrysene-d12	21.072	240	361953	20.000	ng	0.00
86) Perylene-d12	23.352	264	460616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	431789	175.460	ng	0.00
7) Phenol-d6	6.941	99	525384	155.712	ng	0.00
23) Nitrobenzene-d5	8.769	82	329396	114.058	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	381819	168.070	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	807756	109.243	ng	0.00
79) Terphenyl-d14	19.503	244	1883502	115.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.210	88	47186	51.525	ng	# 86
3) Pyridine	3.634	79	83804	32.721	ng	97
4) n-Nitrosodimethylamine	3.545	42	58524	57.704	ng	94
6) Aniline	7.000	93	118830	46.924	ng	95
8) 2-Chlorophenol	7.206	128	163579	56.106	ng	99
9) Benzaldehyde	6.771	77	13417	8.129	ng	99
10) Phenol	6.965	94	208244	56.700	ng	100
11) bis(2-Chloroethyl)ether	7.024	93	136449	44.879	ng	99
12) 1,3-Dichlorobenzene	7.447	146	159729	50.183	ng	99
13) 1,4-Dichlorobenzene	7.594	146	163569	50.736	ng	98
14) 1,2-Dichlorobenzene	7.923	146	159821	50.502	ng	99
15) Benzyl Alcohol	7.893	79	109117	55.363	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.052	45	197239	54.804	ng	97
17) 2-Methylphenol	8.146	107	130465	54.869	ng	98
18) Hexachloroethane	8.610	117	55226	50.724	ng	97
19) n-Nitroso-di-n-propyla...	8.357	70	114826	51.614	ng	98
20) 3+4-Methylphenols	8.481	107	181414	55.025	ng	98
22) Acetophenone	8.410	105	226147	54.741	ng	# 99
24) Nitrobenzene	8.810	77	164836	54.875	ng	96
25) Isophorone	9.256	82	307350	54.686	ng	98
26) 2-Nitrophenol	9.497	139	91081	56.978	ng	99
27) 2,4-Dimethylphenol	9.615	122	131123	70.891	ng	98
28) bis(2-Chloroethoxy)met...	9.756	93	184706	53.688	ng	99
29) 2,4-Dichlorophenol	10.050	162	154379	58.795	ng	98
30) 1,2,4-Trichlorobenzene	10.173	180	149913	51.144	ng	99
31) Naphthalene	10.373	128	496694	53.934	ng	100
32) Benzoic acid	9.891	122	71239	42.185	ng	99
33) 4-Chloroaniline	10.608	127	31415	9.701	ng	96
34) Hexachlorobutadiene	10.619	225	91507	50.650	ng	98
35) Caprolactam	11.377	113	15618	16.198	ng	91
36) 4-Chloro-3-methylphenol	11.783	107	160083	55.831	ng	99
37) 2-Methylnaphthalene	11.965	142	354486	54.194	ng	99
38) 1-Methylnaphthalene	12.194	142	335487	51.431	ng	100
40) 1,2,4,5-Tetrachloroben...	12.323	216	176384	55.414	ng	99
41) Hexachlorocyclopentadiene	12.300	237	203373	218.946	ng	99
43) 2,4,6-Trichlorophenol	12.646	196	128850	58.943	ng	97

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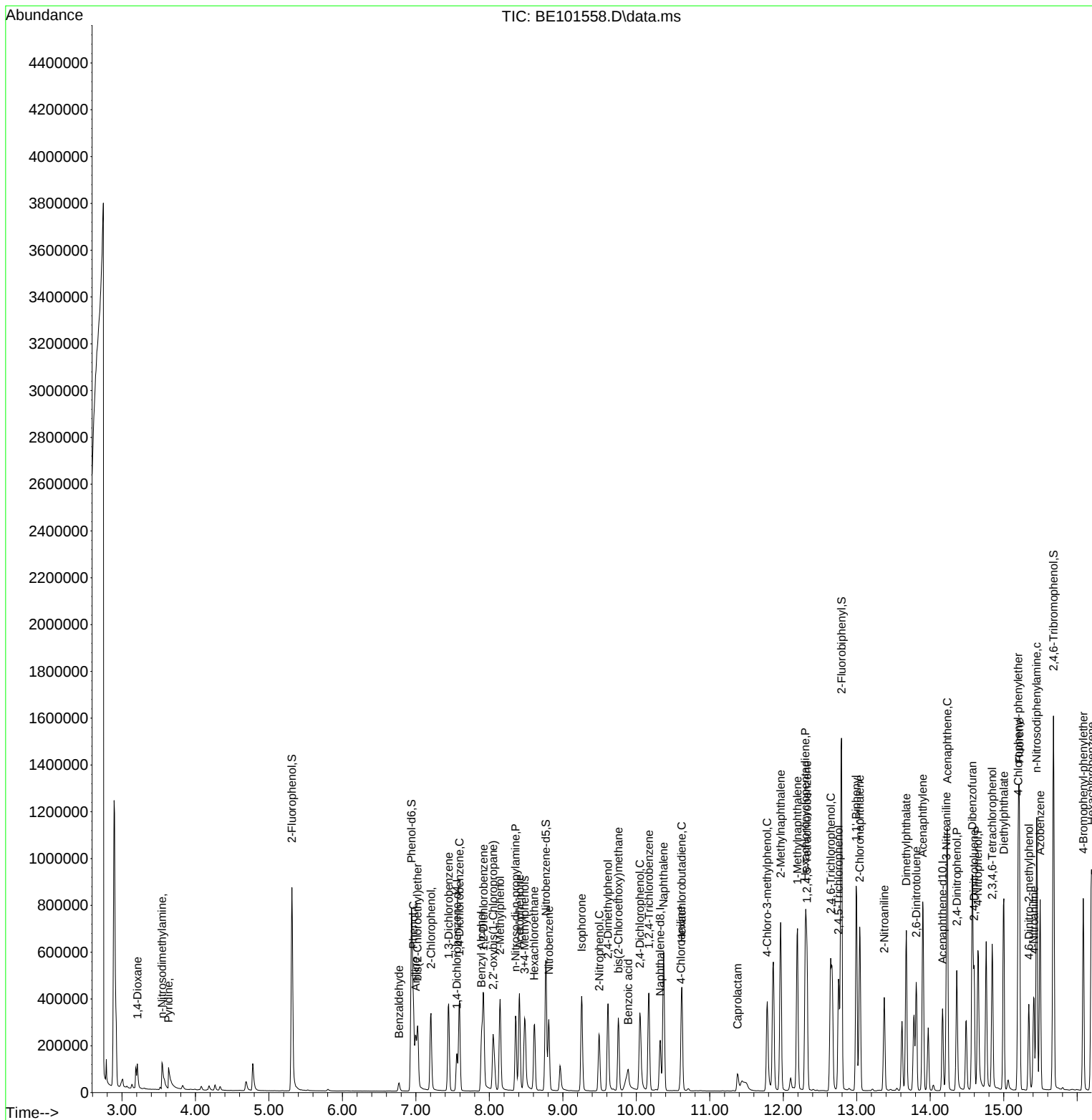
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	140570	57.720	ng	98
46) 1,1'-Biphenyl	12.993	154	464074	55.725	ng	100
47) 2-Chloronaphthalene	13.040	162	361296	55.005	ng	99
48) 2-Nitroaniline	13.375	65	107948	62.086	ng	97
49) Acenaphthylene	13.898	152	594230	60.708	ng	99
50) Dimethylphthalate	13.675	163	471736	54.871	ng	100
51) 2,6-Dinitrotoluene	13.810	165	105458	53.146	ng	97
52) Acenaphthene	14.233	154	363003	58.115	ng	99
53) 3-Nitroaniline	14.221	138	69474	36.065	ng	98
54) 2,4-Dinitrophenol	14.362	184	126446	108.740	ng	96
55) Dibenzofuran	14.574	168	575378	57.203	ng	99
56) 4-Nitrophenol	14.650	139	212069	133.319	ng	94
57) 2,4-Dinitrotoluene	14.597	165	156064	55.983	ng	97
58) Fluorene	15.214	166	486333	57.936	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.844	232	137013	60.800	ng	99
60) Diethylphthalate	15.003	149	495556	54.667	ng	100
61) 4-Chlorophenyl-phenyle...	15.196	204	233752	54.836	ng	99
62) 4-Nitroaniline	15.414	138	123240	59.380	ng	98
63) Azobenzene	15.496	77	439464	59.424	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	92733	54.798	ng	97
66) n-Nitrosodiphenylamine	15.449	169	431131	56.985	ng	100
67) 4-Bromophenyl-phenylether	16.084	248	167955	53.416	ng	98
68) Hexachlorobenzene	16.195	284	223786	54.079	ng	98
69) Atrazine	16.389	200	163919	73.386	ng	98
70) Pentachlorophenol	16.607	266	280187	124.789	ng	99
71) Phenanthrene	16.947	178	828579	59.758	ng	99
72) Anthracene	17.035	178	852261	62.242	ng	100
73) Carbazole	17.364	167	831608	60.563	ng	100
74) Di-n-butylphthalate	17.811	149	974386	57.461	ng	100
75) Fluoranthene	18.957	202	1084320	60.993	ng	99
77) Benzidine	19.209	184	314471	40.446	ng	99
78) Pyrene	19.327	202	1165998	56.617	ng	100
80) Butylbenzylphthalate	20.173	149	525607	56.791	ng	98
81) Benzo(a)anthracene	21.048	228	1266776	58.929	ng	99
82) 3,3'-Dichlorobenzidine	21.025	252	375992	44.432	ng	99
83) Chrysene	21.107	228	1216349	59.530	ng	99
84) Bis(2-ethylhexyl)phtha...	20.872	149	780612	55.787	ng	99
85) Di-n-octyl phthalate	21.718	149	1370403	57.891	ng	99
87) Indeno(1,2,3-cd)pyrene	25.690	276	1919702	60.647	ng	100
88) Benzo(b)fluoranthene	22.647	252	1451469	57.436	ng	99
89) Benzo(k)fluoranthene	22.694	252	1401038	61.072	ng	100
90) Benzo(a)pyrene	23.252	252	1365269	62.576	ng	99
91) Dibenzo(a,h)anthracene	25.678	278	1597212	60.588	ng	99
92) Benzo(g,h,i)perylene	26.430	276	1429247	53.365	ng	99

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

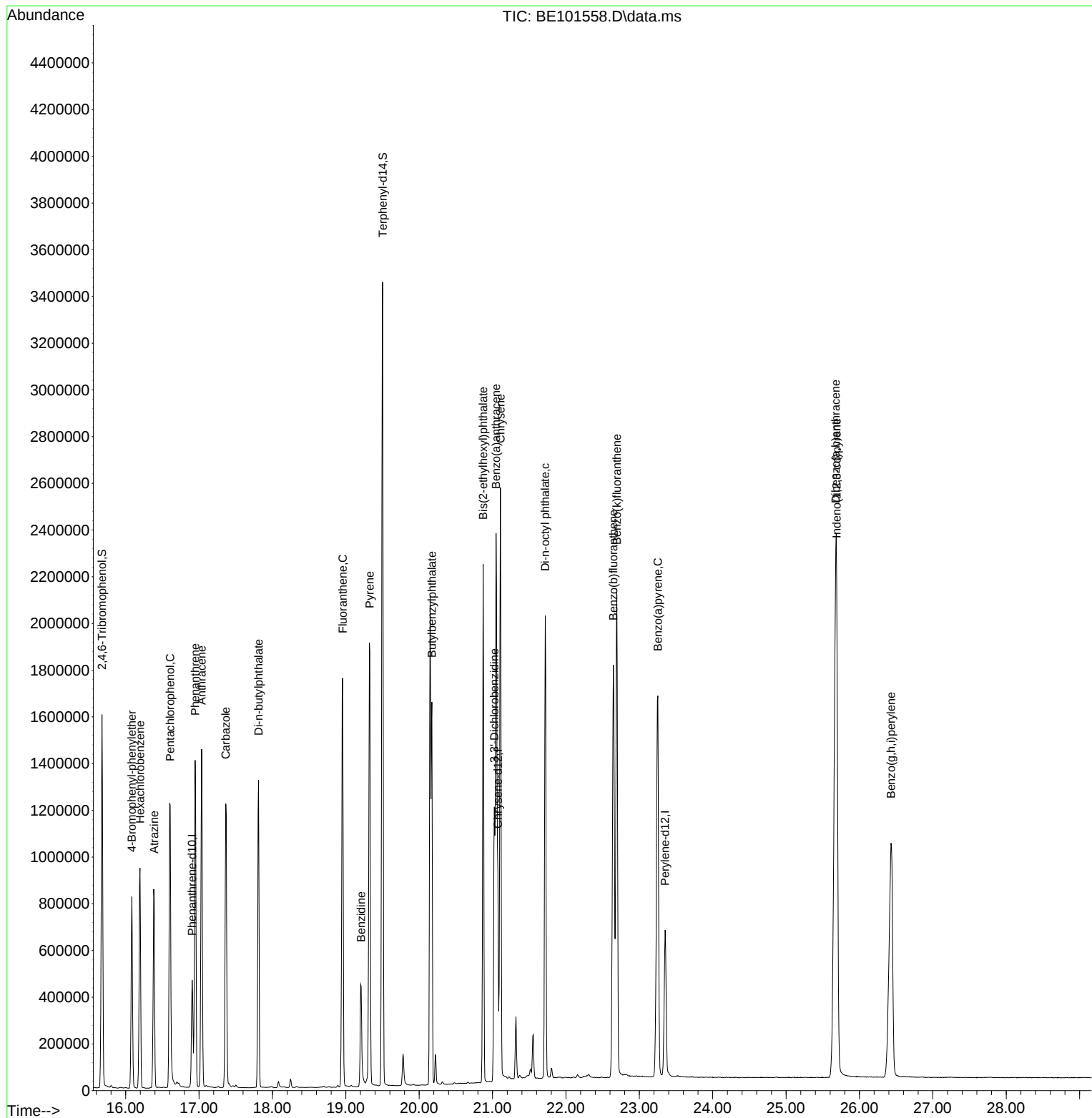
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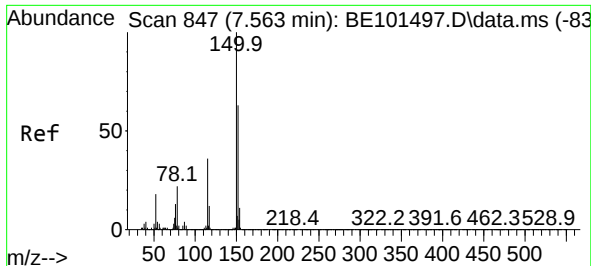


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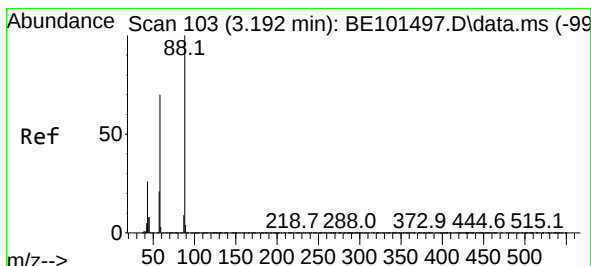
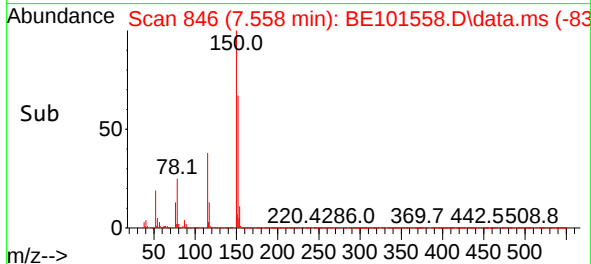
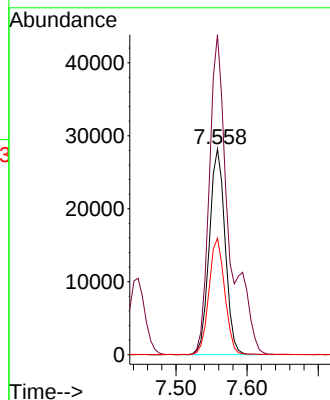
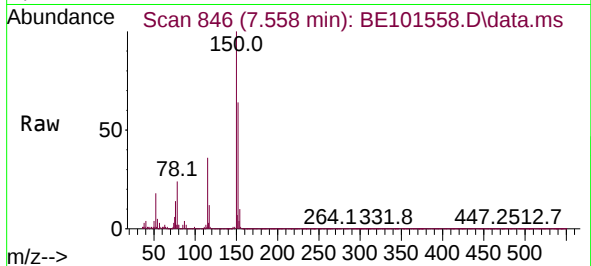




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

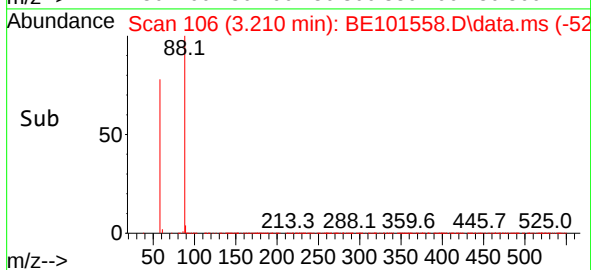
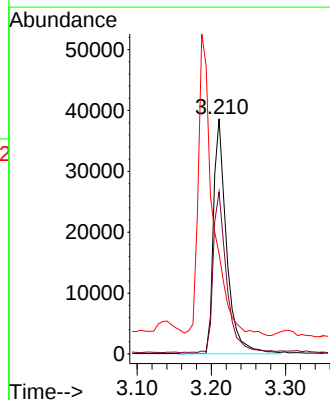
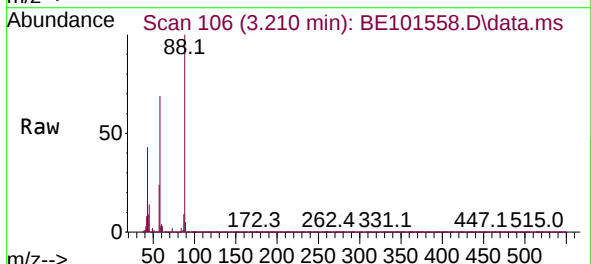
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ClientSampleId :
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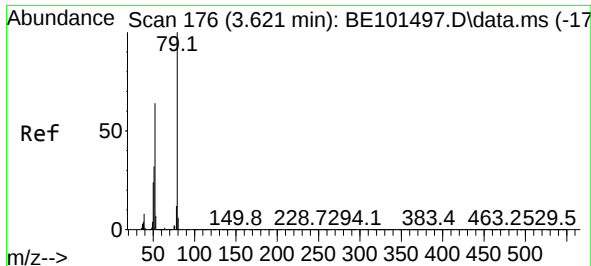
Tgt Ion:152 Resp: 43513
Ion Ratio Lower Upper
152 100
150 155.7 126.3 189.5
115 56.7 45.0 67.4



#2
1,4-Dioxane
Concen: 51.525 ng
RT: 3.210 min Scan# 106
Delta R.T. 0.019 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 88 Resp: 47186
Ion Ratio Lower Upper
88 100
58 69.8 56.5 84.7
43 0.0 20.8 31.2#

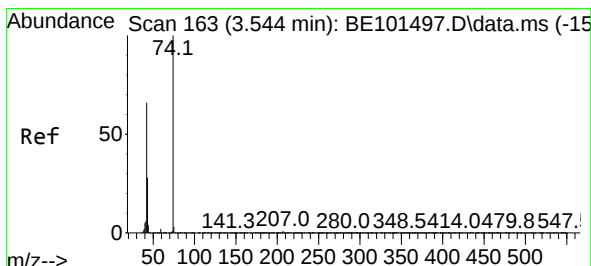
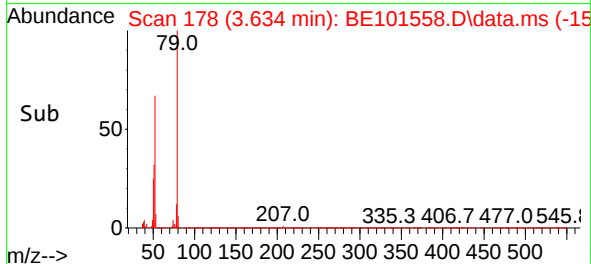
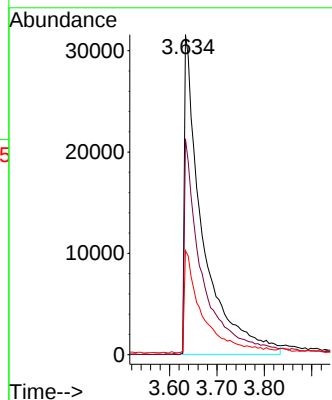
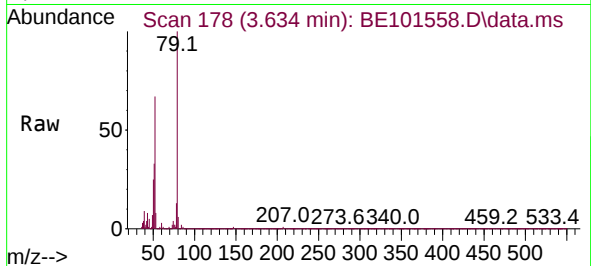




#3
Pyridine
Concen: 32.721 ng
RT: 3.634 min Scan# 176
Delta R.T. 0.013 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

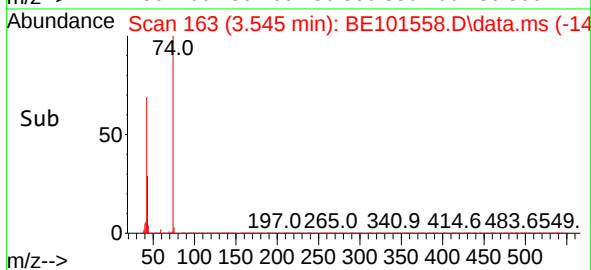
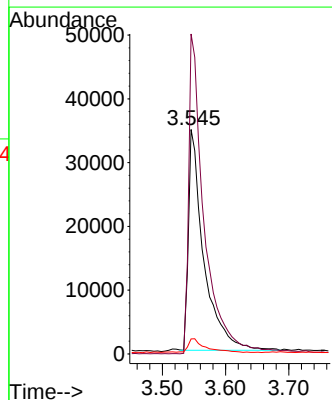
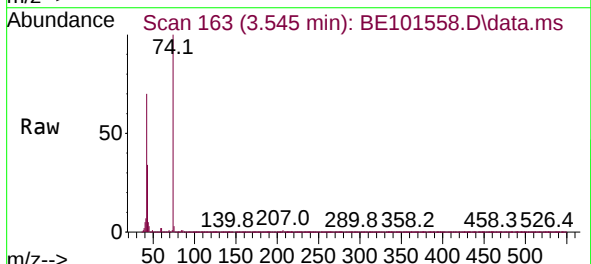
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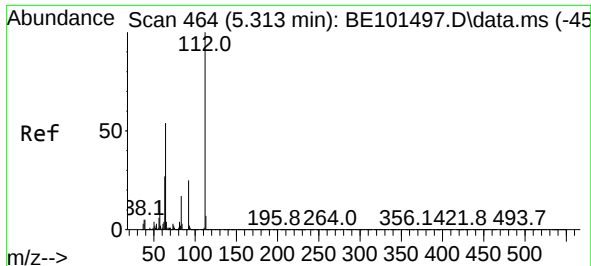
Tgt Ion: 79 Resp: 83804
Ion Ratio Lower Upper
79 100
52 67.5 51.1 76.7
51 32.5 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 57.704 ng
RT: 3.545 min Scan# 163
Delta R.T. 0.001 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 42 Resp: 58524
Ion Ratio Lower Upper
42 100
74 142.6 120.1 180.1
44 6.7 5.8 8.6

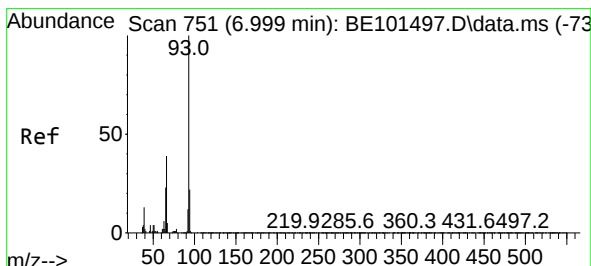
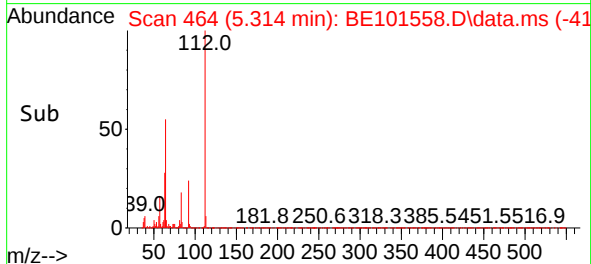
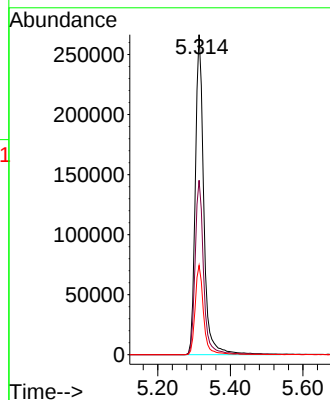
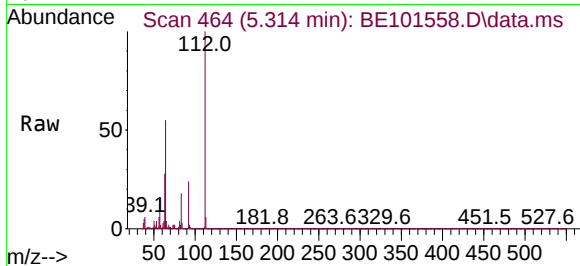




#5
2-Fluorophenol
Concen: 175.460 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101558.D
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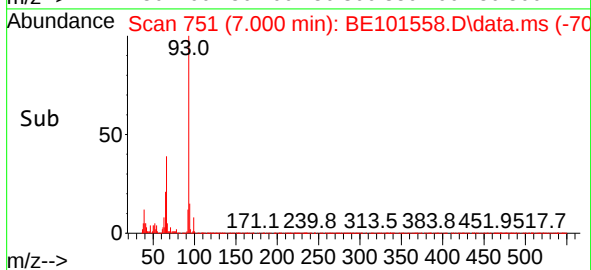
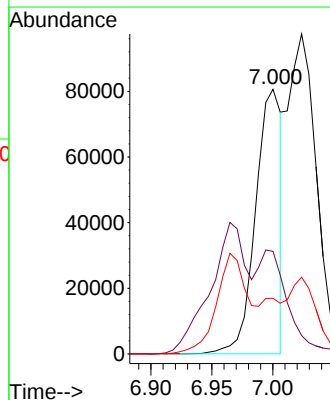
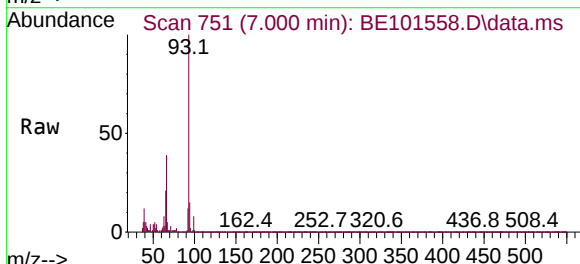
Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:112 Resp: 431789
Ion Ratio Lower Upper
112 100
64 54.5 43.2 64.8
63 27.9 21.8 32.6



#6
Aniline
Concen: 46.924 ng
RT: 7.000 min Scan# 751
Delta R.T. 0.001 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 93 Resp: 118830
Ion Ratio Lower Upper
93 100
66 38.8 33.4 50.0
65 21.0 18.5 27.7

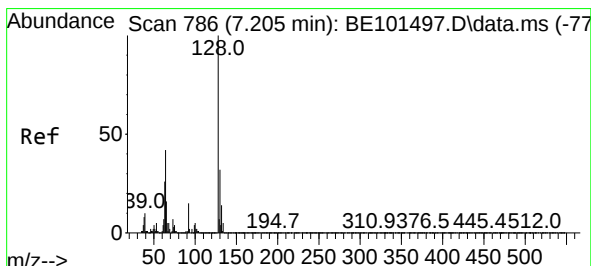
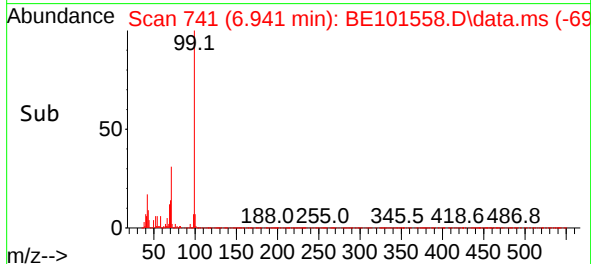
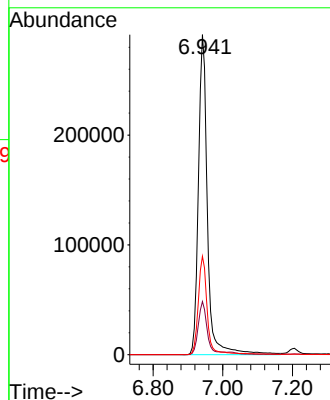
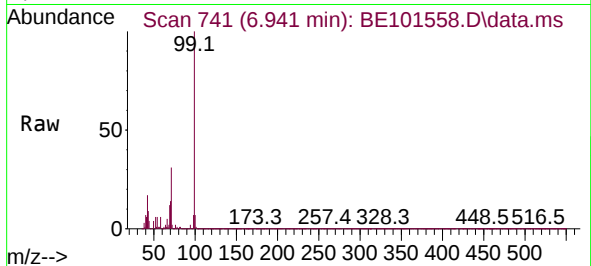




#7
Phenol-d6
Concen: 155.712 ng
RT: 6.941 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101558.D
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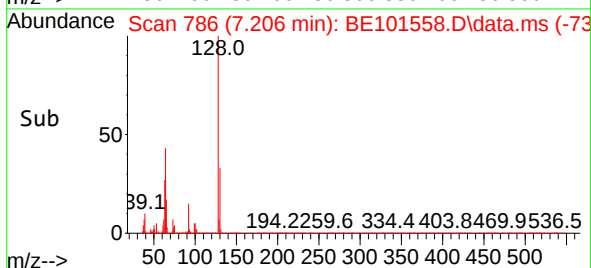
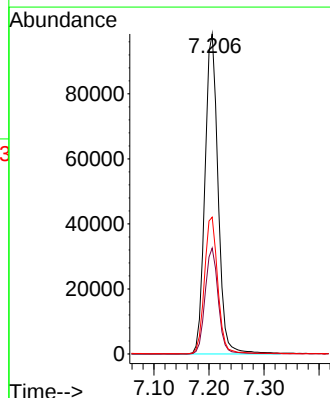
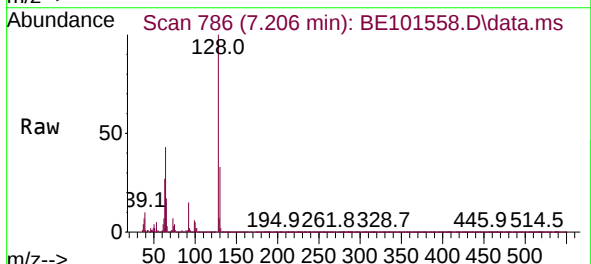
Instrument :
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Tgt Ion: 99 Resp: 525384
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 30.7 24.2 36.2



#8
2-Chlorophenol
Concen: 56.106 ng
RT: 7.206 min Scan# 786
Delta R.T. 0.001 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:128 Resp: 163579
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 42.8 22.0 62.0





#9

Benzaldehyde

Concen: 8.129 ng

RT: 6.771 min Scan# 712

Delta R.T. 0.001 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

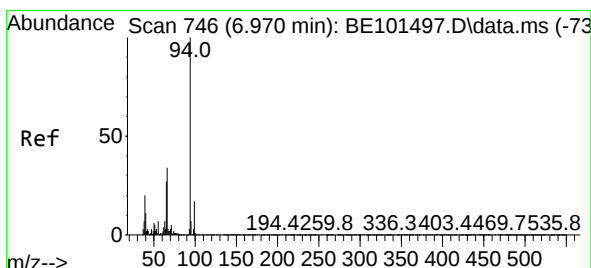
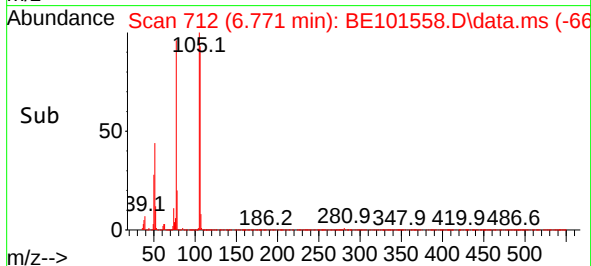
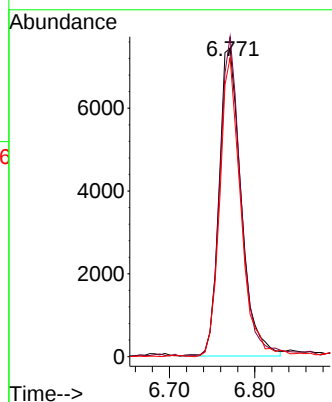
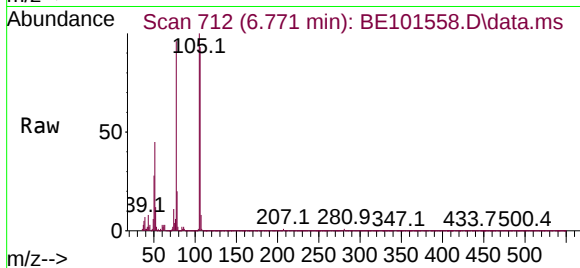
Tgt Ion: 77 Resp: 13417

Ion Ratio Lower Upper

77 100

105 103.8 83.0 123.0

106 97.0 78.8 118.8



#10

Phenol

Concen: 56.700 ng

RT: 6.965 min Scan# 745

Delta R.T. -0.005 min

Lab File: BE101558.D

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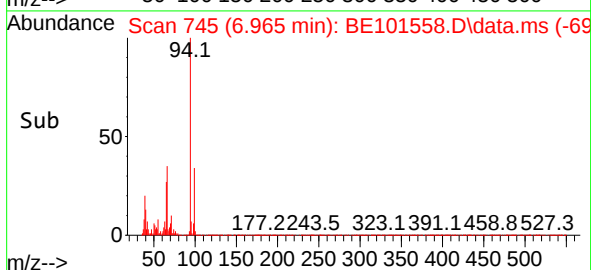
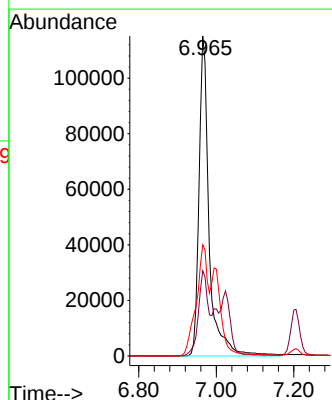
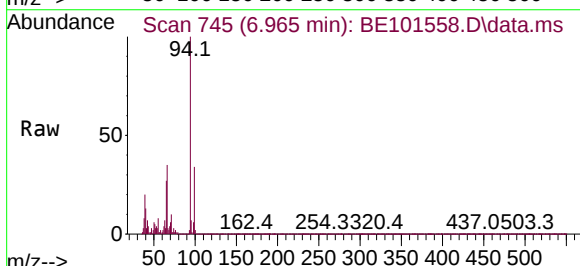
Tgt Ion: 94 Resp: 208244

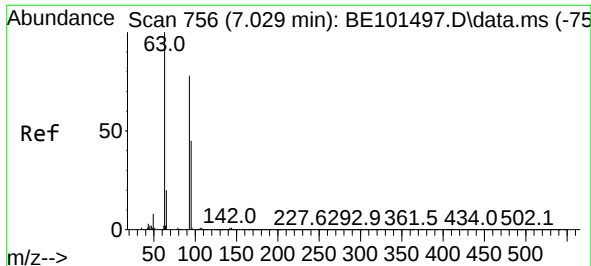
Ion Ratio Lower Upper

94 100

65 26.6 6.7 46.7

66 34.8 15.0 55.0

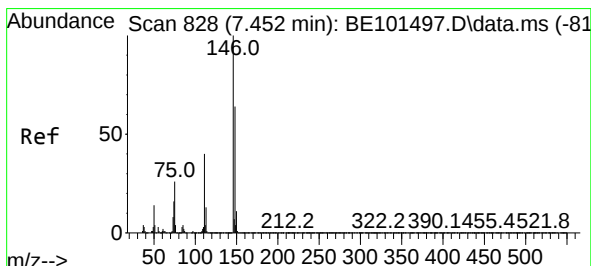
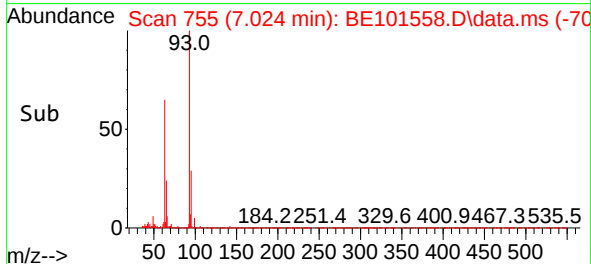
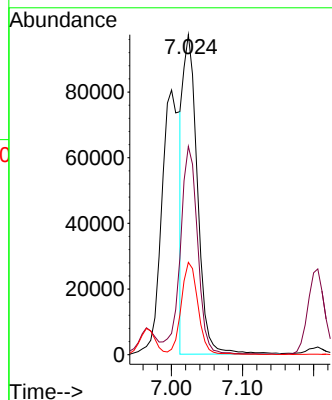
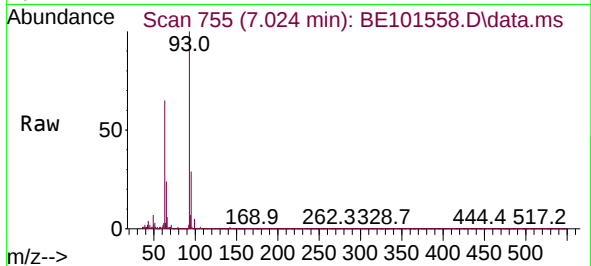




#11
bis(2-Chloroethyl)ether
Concen: 44.879 ng
RT: 7.024 min Scan# 70
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

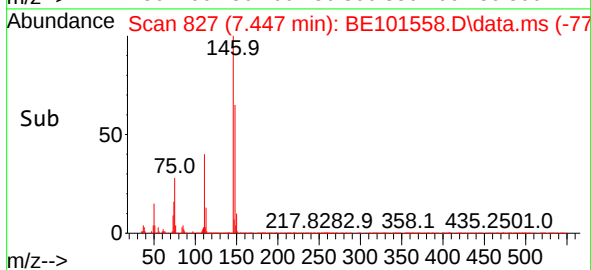
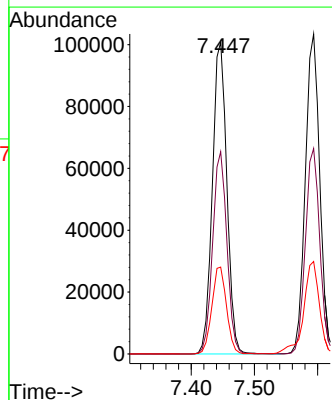
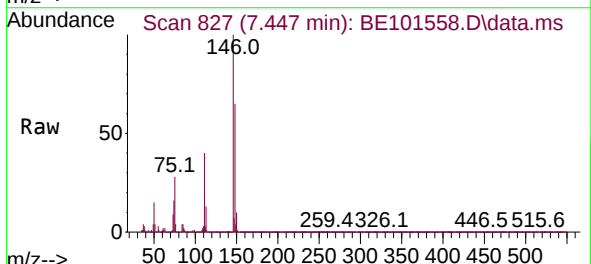
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

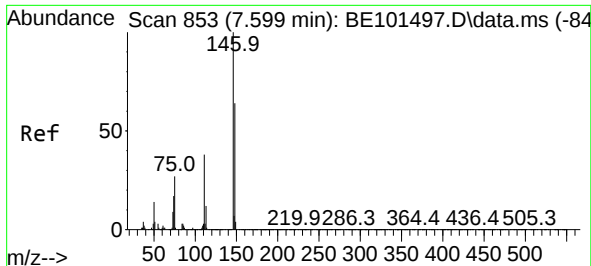
Tgt Ion: 93 Resp: 136449
Ion Ratio Lower Upper
93 100
63 65.1 46.5 86.5
95 28.8 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 50.183 ng
RT: 7.447 min Scan# 827
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:146 Resp: 159729
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 27.9 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 50.736 ng

RT: 7.594 min Scan# 8

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

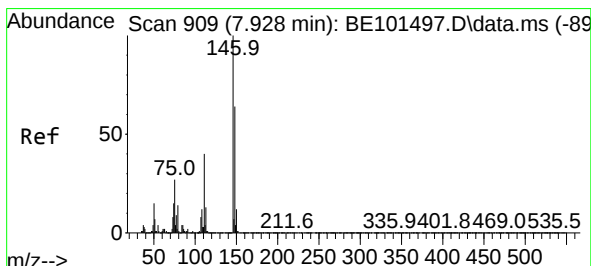
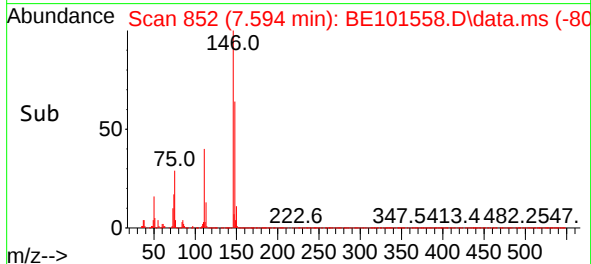
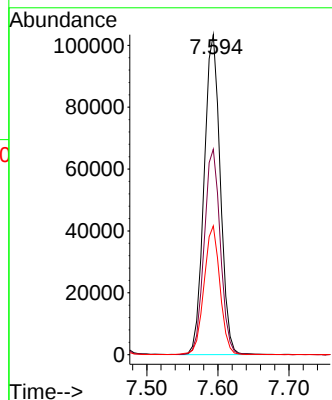
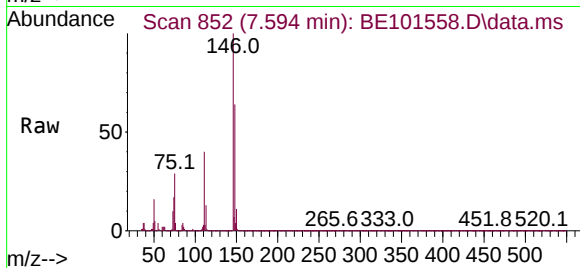
Tgt Ion:146 Resp: 163569

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

111 40.3 30.2 45.4



#14

1,2-Dichlorobenzene

Concen: 50.502 ng

RT: 7.923 min Scan# 908

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

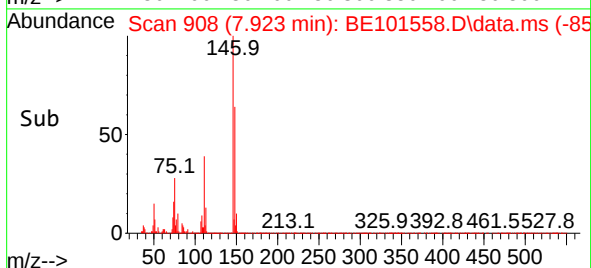
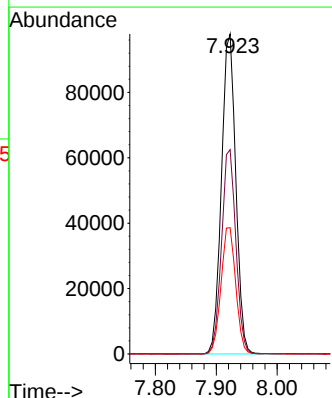
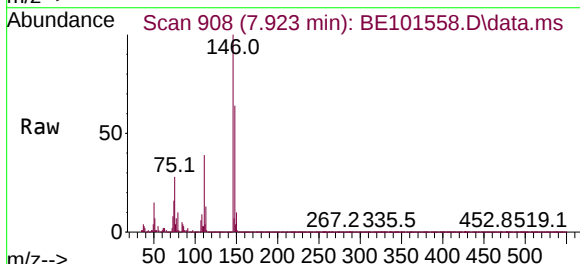
Tgt Ion:146 Resp: 159821

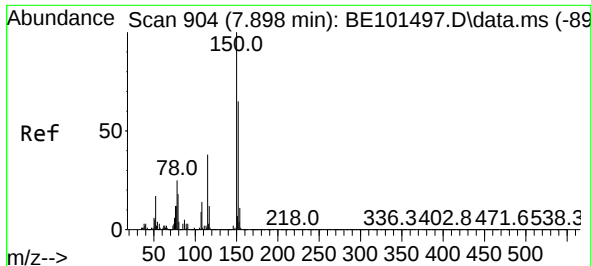
Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 39.5 32.2 48.4

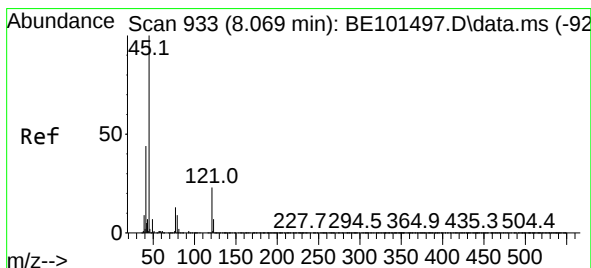
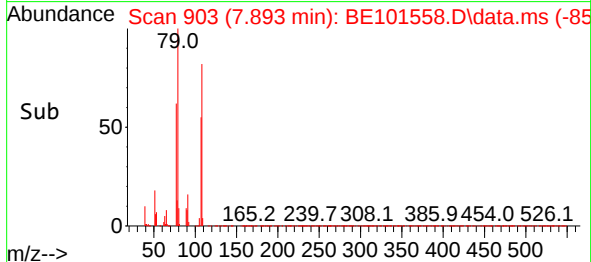
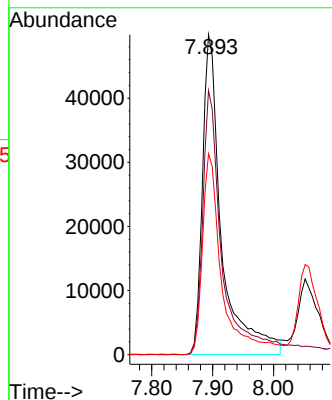
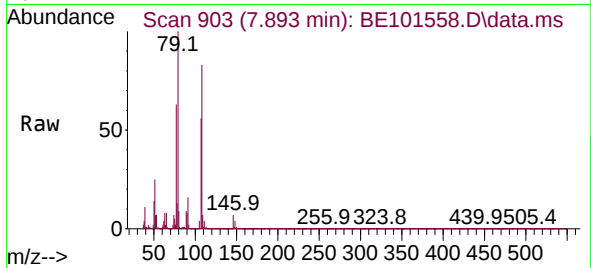




#15
Benzyl Alcohol
Concen: 55.363 ng
RT: 7.893 min Scan# 90
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

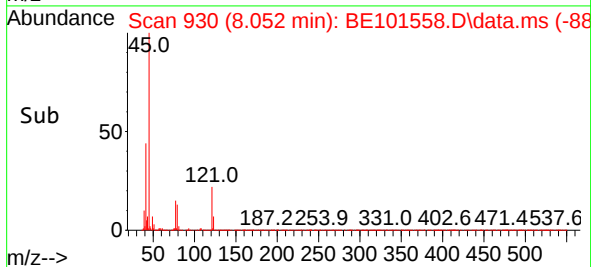
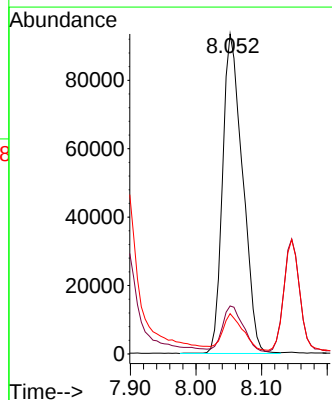
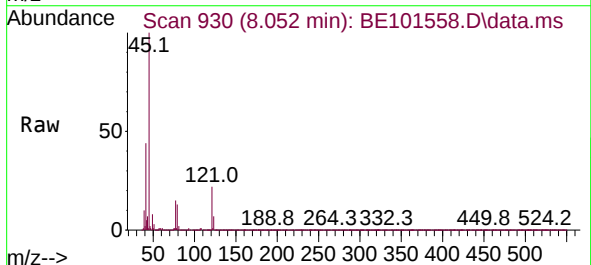
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

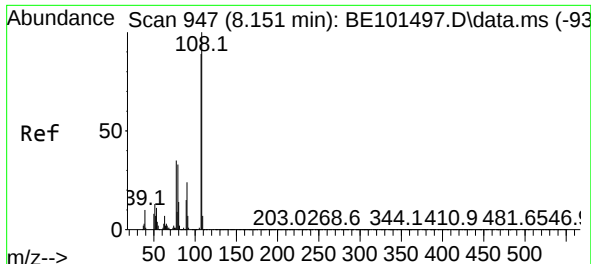
Tgt Ion: 79 Resp: 109117
Ion Ratio Lower Upper
79 100
108 82.6 63.8 95.8
77 62.8 53.4 80.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 54.804 ng
RT: 8.052 min Scan# 930
Delta R.T. -0.017 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 45 Resp: 197239
Ion Ratio Lower Upper
45 100
77 15.0 0.0 36.2
79 12.6 0.0 33.8

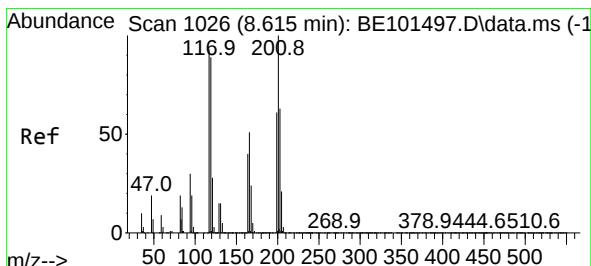
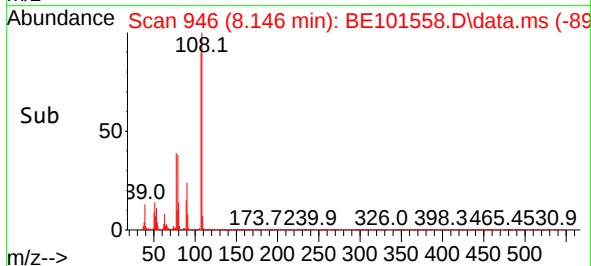
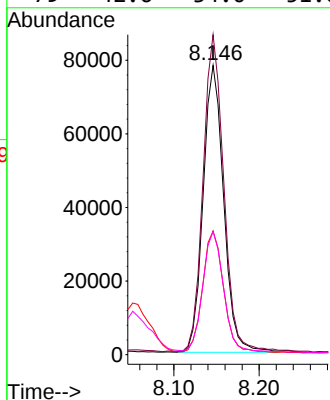
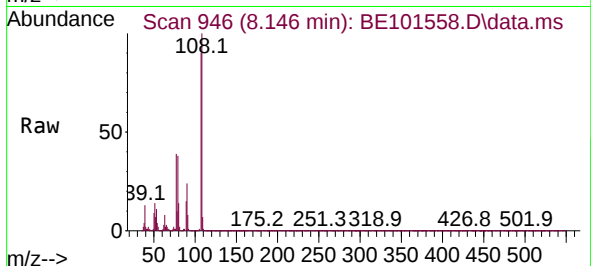




#17
2-Methylphenol
Concen: 54.869 ng
RT: 8.146 min Scan# 947
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

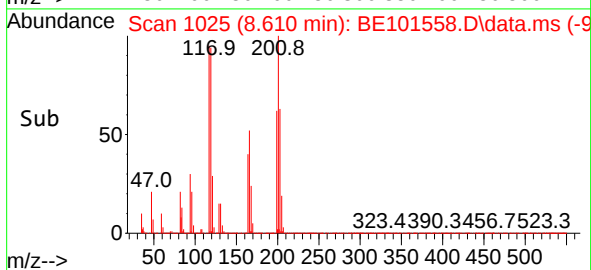
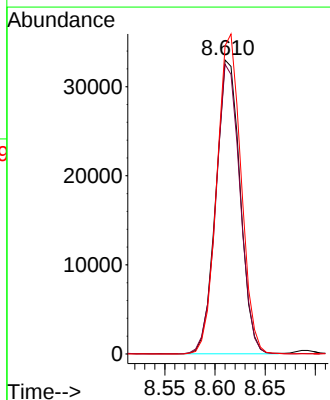
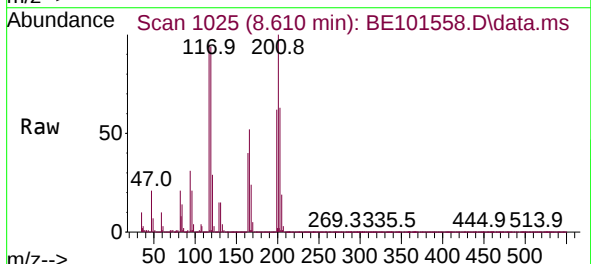
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

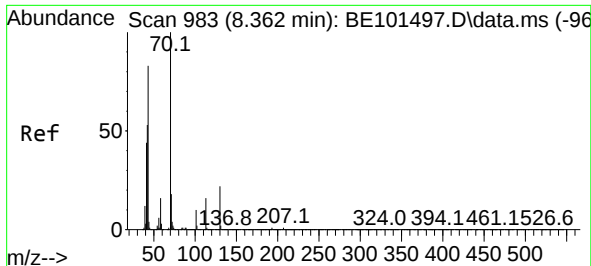
Tgt Ion:	107	Resp:	130465
Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.2	135.4
77	42.8	35.1	52.7
79	42.6	34.0	51.0



#18
Hexachloroethane
Concen: 50.724 ng
RT: 8.610 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:	117	Resp:	55226
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.6	114.8
201	104.8	86.1	129.1

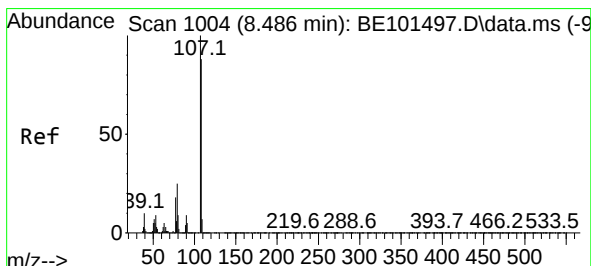
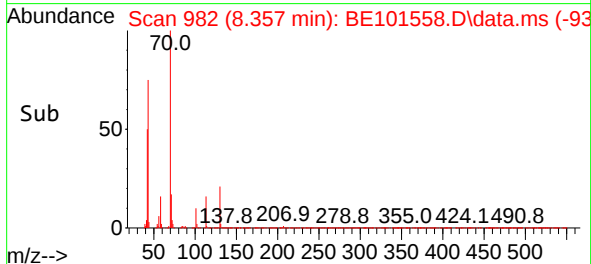
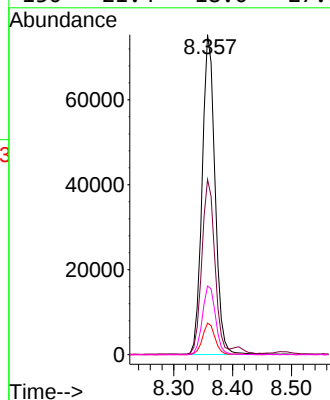
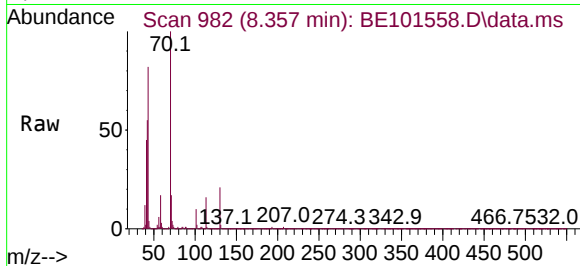




#19
n-Nitroso-di-n-propylamine
Concen: 51.614 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

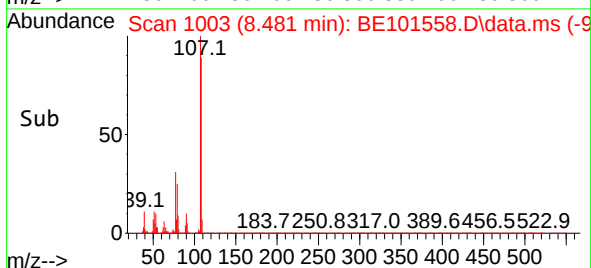
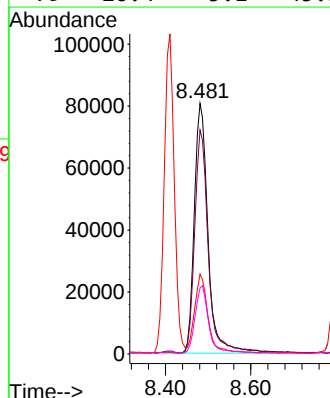
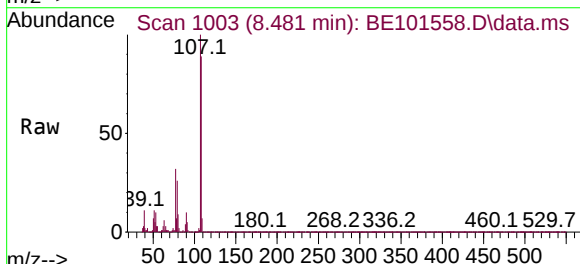
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

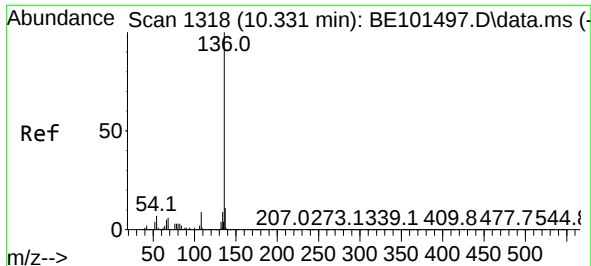
Tgt Ion: 70 Resp: 114826
Ion Ratio Lower Upper
70 100
42 54.8 42.7 64.1
101 9.8 8.2 12.2
130 21.4 18.0 27.0



#20
3+4-Methylphenols
Concen: 55.025 ng
RT: 8.481 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 107 Resp: 181414
Ion Ratio Lower Upper
107 100
108 89.4 68.2 108.2
77 31.8 10.4 50.4
79 26.4 5.1 45.1

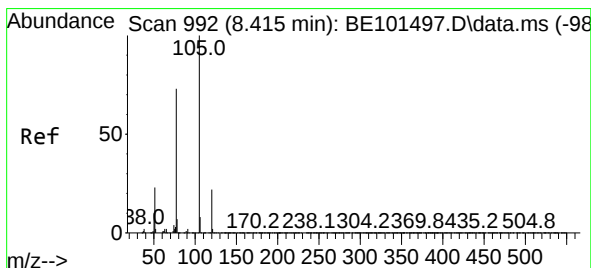
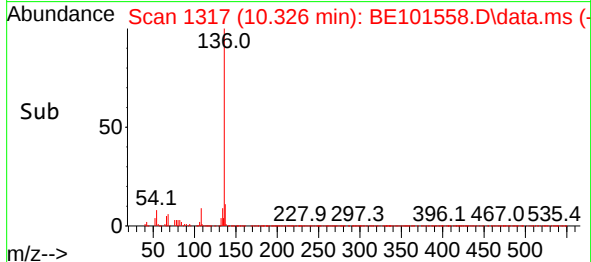
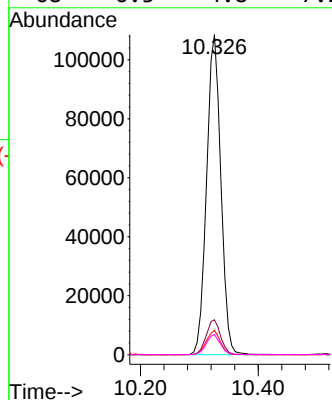
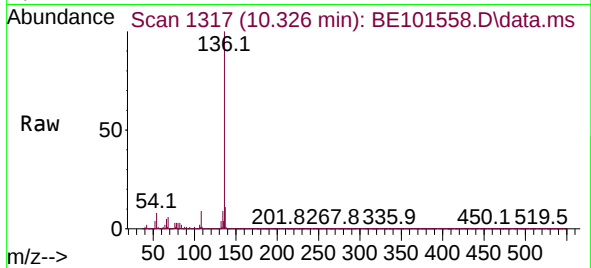




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

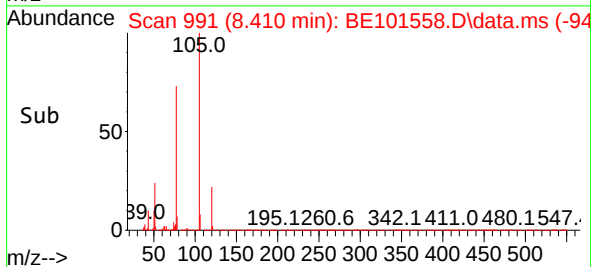
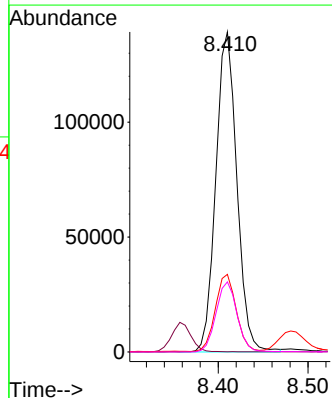
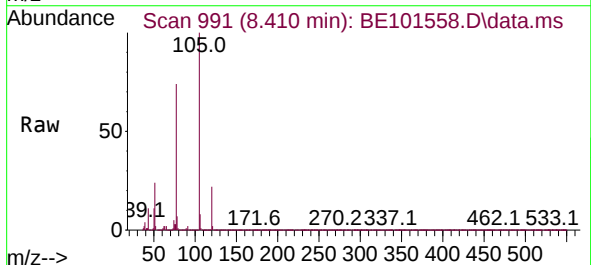
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

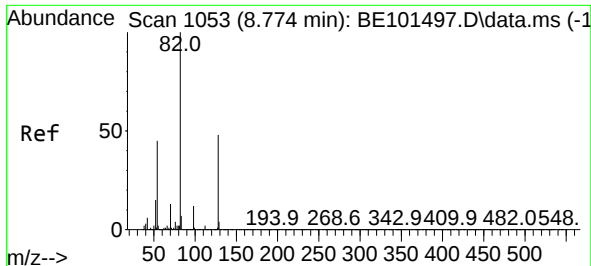
Tgt Ion:136 Resp: 182419
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 5.6 8.4
68 6.3 4.8 7.2



#22
Acetophenone
Concen: 54.741 ng
RT: 8.410 min Scan# 991
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:105 Resp: 226147
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 24.2 18.7 28.1
120 21.9 17.8 26.6

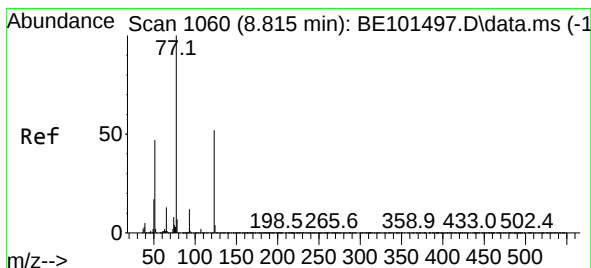
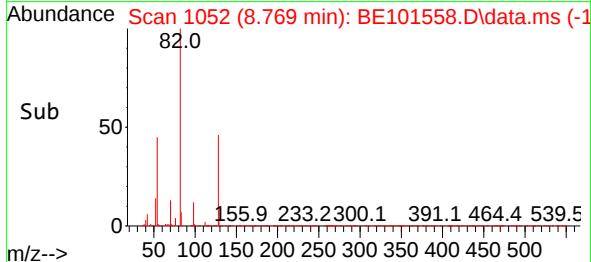
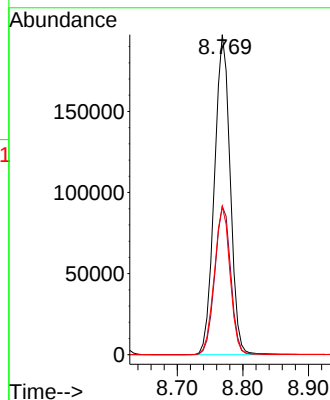
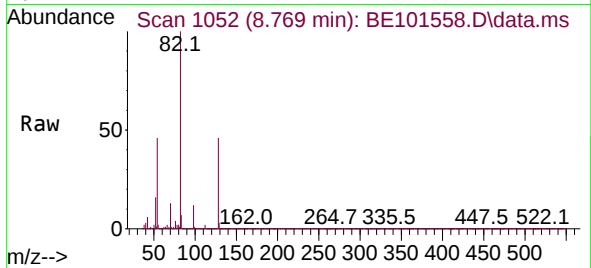




#23
Nitrobenzene-d5
Concen: 114.058 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

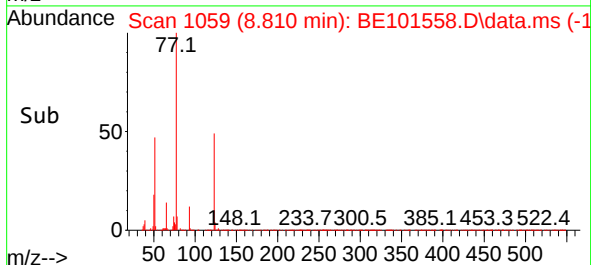
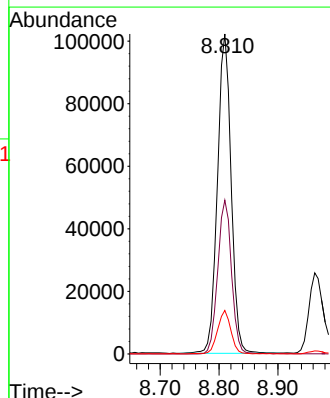
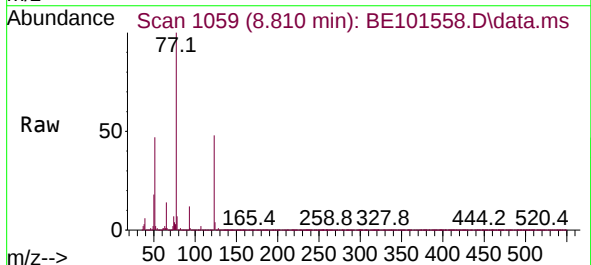
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

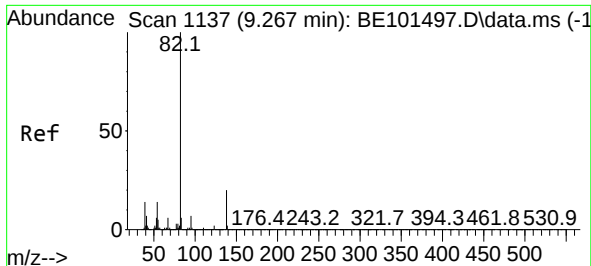
Tgt Ion: 82 Resp: 329396
Ion Ratio Lower Upper
82 100
128 46.4 38.6 58.0
54 46.3 36.3 54.5



#24
Nitrobenzene
Concen: 54.875 ng
RT: 8.810 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 77 Resp: 164836
Ion Ratio Lower Upper
77 100
123 48.0 41.2 61.8
65 13.6 10.3 15.5

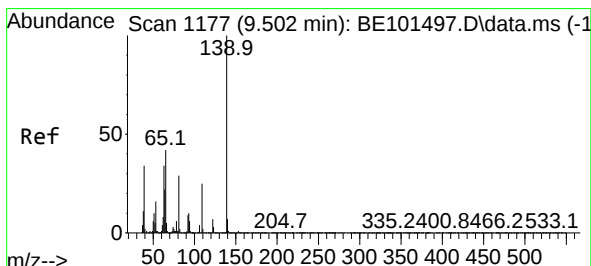
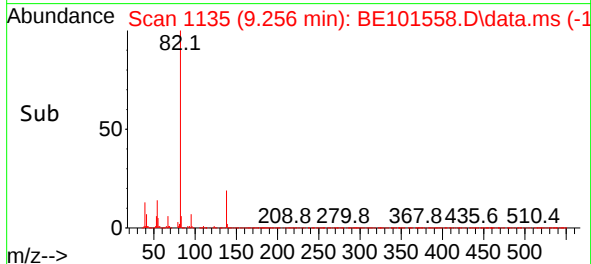
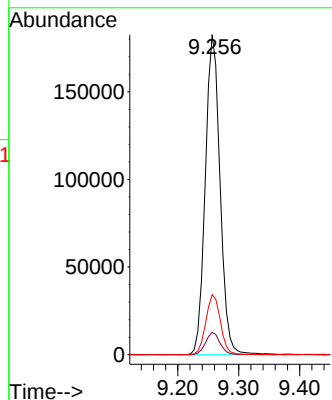
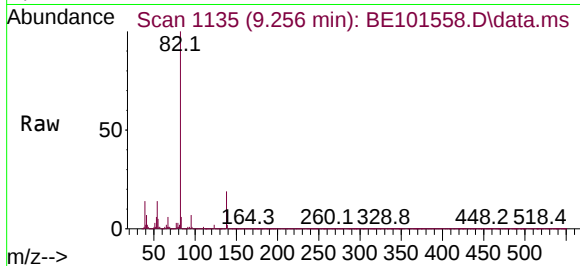




#25
Isophorone
Concen: 54.686 ng
RT: 9.256 min Scan# 1135
Delta R.T. -0.011 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

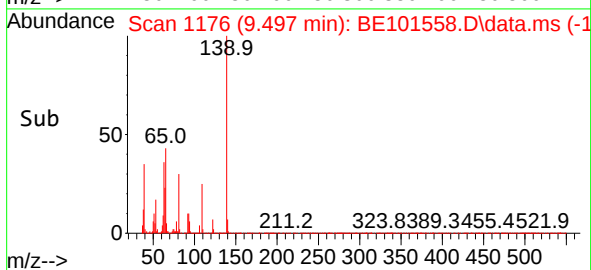
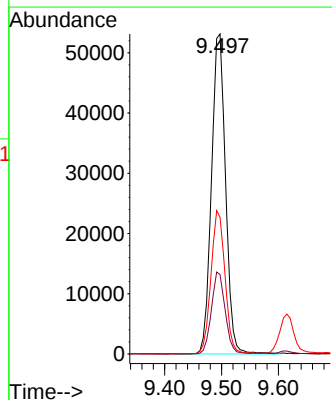
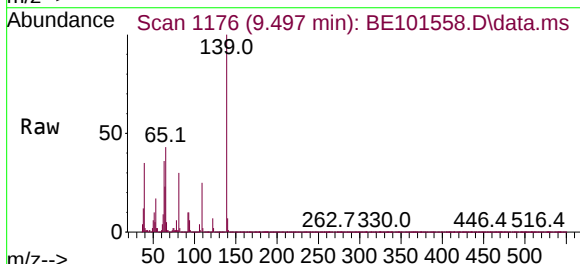
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

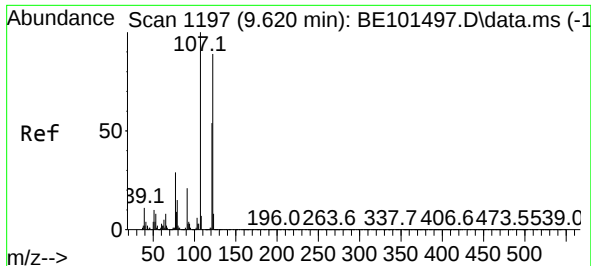
Tgt Ion: 82 Resp: 307350
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.7 15.8 23.6



#26
2-Nitrophenol
Concen: 56.978 ng
RT: 9.497 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 139 Resp: 91081
Ion Ratio Lower Upper
139 100
109 24.8 20.2 30.4
65 42.7 34.0 51.0

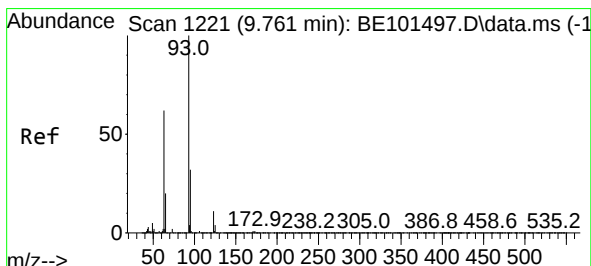
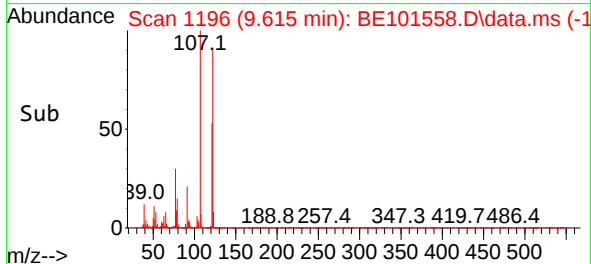
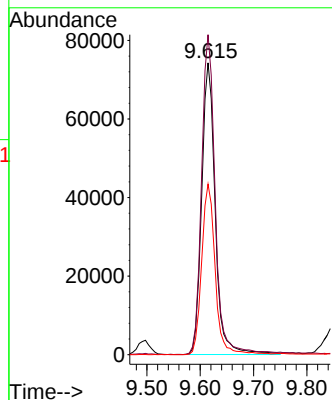
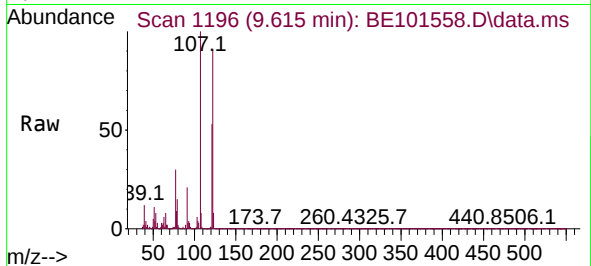




#27
2,4-Dimethylphenol
Concen: 70.891 ng
RT: 9.615 min Scan# 1196
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

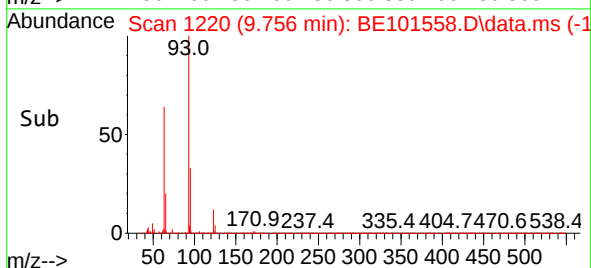
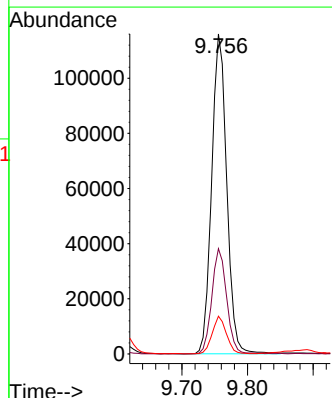
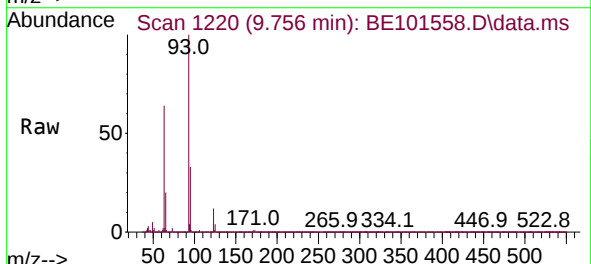
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

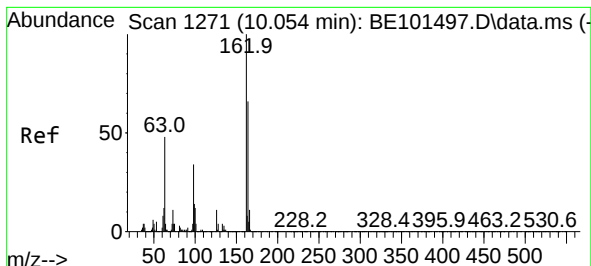
Tgt Ion:122 Resp: 131123
Ion Ratio Lower Upper
122 100
107 109.7 89.8 134.6
121 58.5 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 53.688 ng
RT: 9.756 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 93 Resp: 184706
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 58.795 ng

RT: 10.050 min Scan# 1271

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

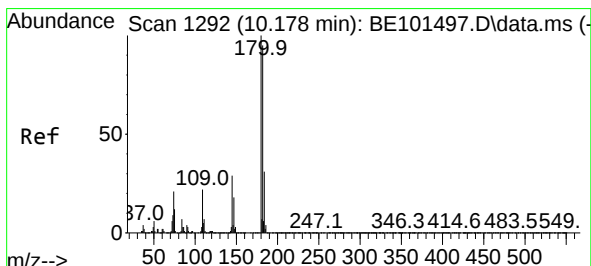
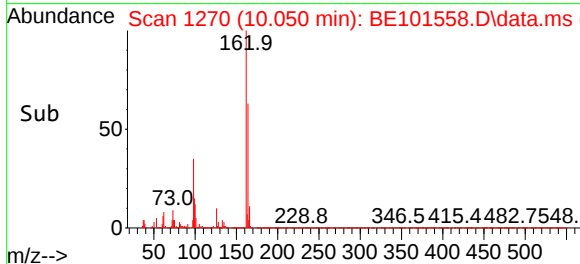
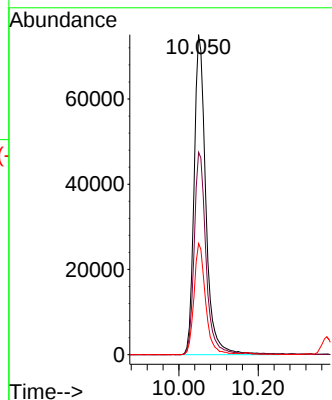
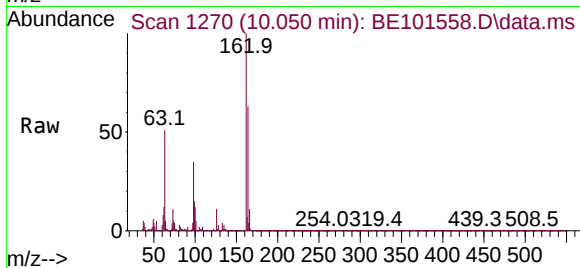
Tgt Ion:162 Resp: 154379

Ion Ratio Lower Upper

162 100

164 63.2 45.7 85.7

98 34.7 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 51.144 ng

RT: 10.173 min Scan# 1291

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

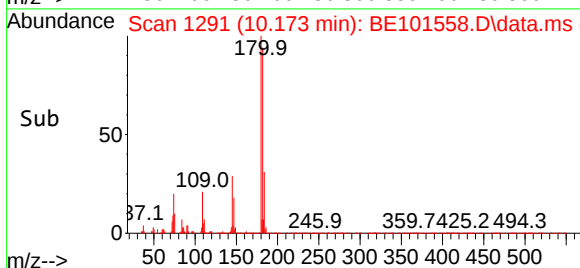
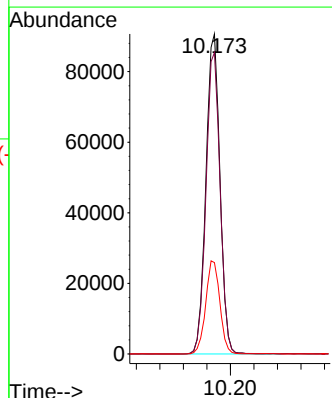
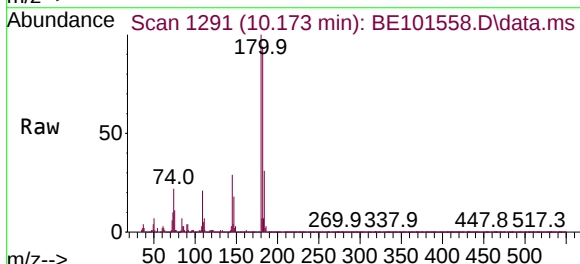
Tgt Ion:180 Resp: 149913

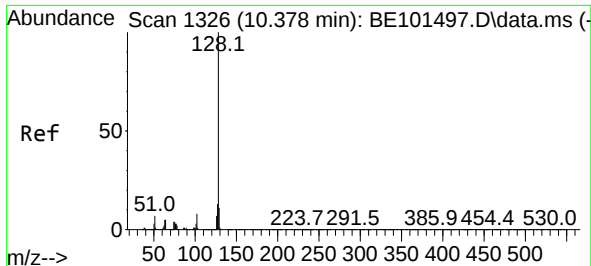
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

145 28.6 23.2 34.8

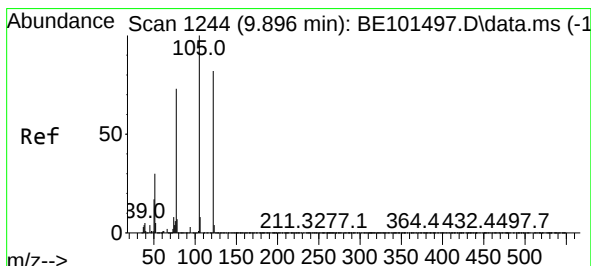
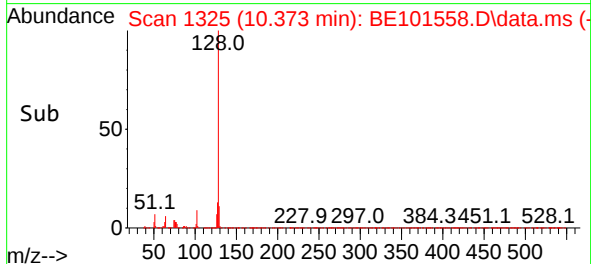
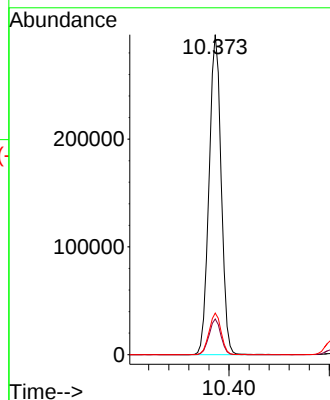
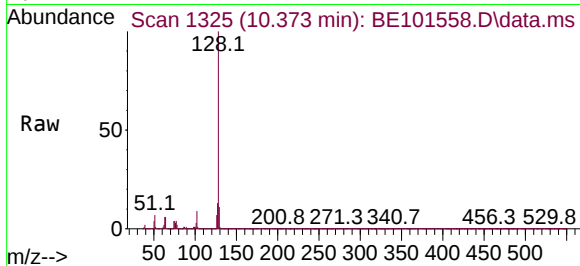




#31
Naphthalene
Concen: 53.934 ng
RT: 10.373 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

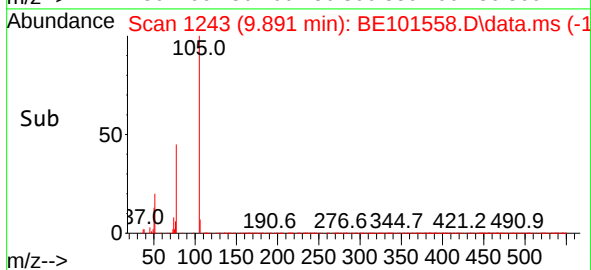
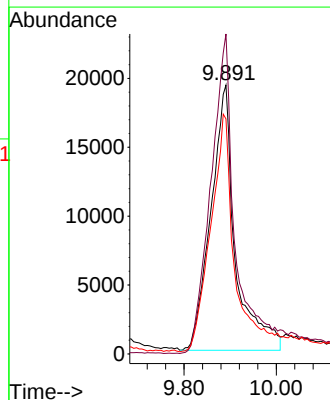
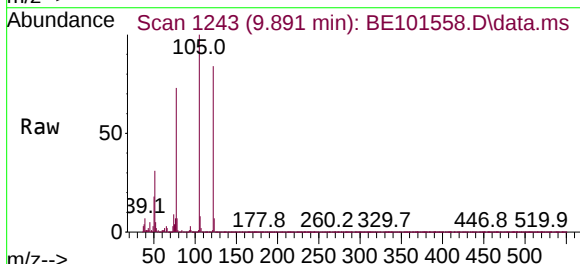
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

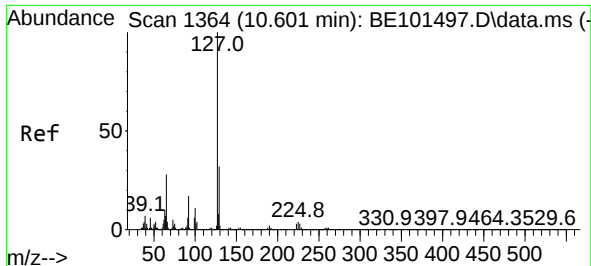
Tgt Ion:128 Resp: 496694
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 42.185 ng
RT: 9.891 min Scan# 1243
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:122 Resp: 71239
Ion Ratio Lower Upper
122 100
105 119.0 100.6 140.6
77 87.4 68.6 108.6

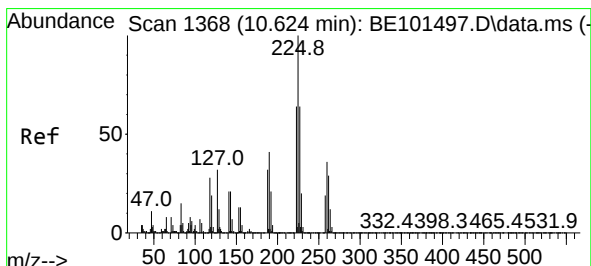
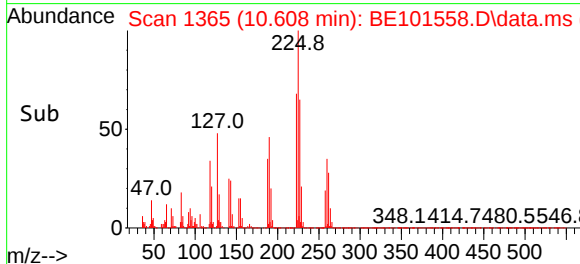
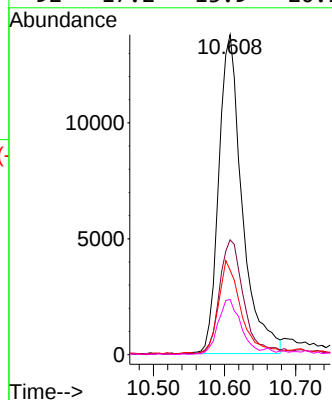
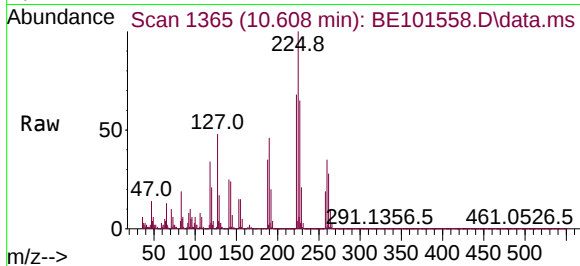




#33
4-Chloroaniline
Concen: 9.701 ng
RT: 10.608 min Scan# 11
Delta R.T. 0.007 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

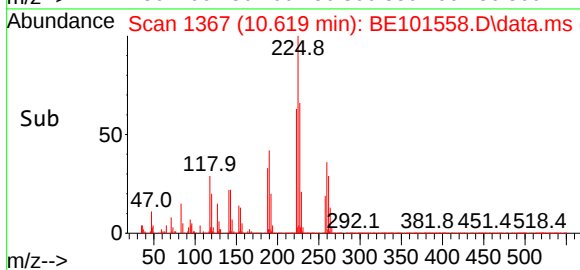
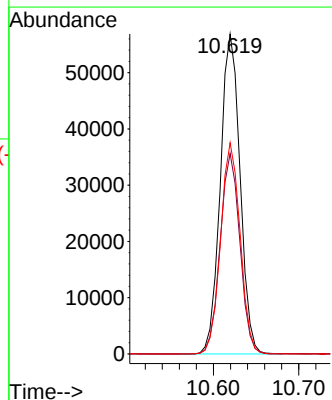
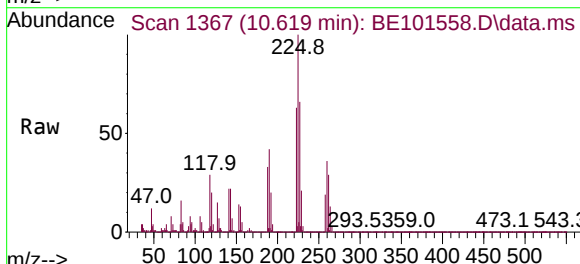
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

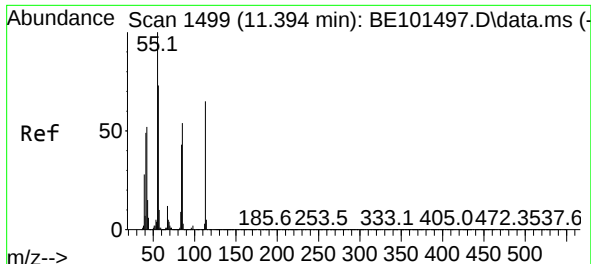
Tgt Ion:	127	Resp:	31415
Ion	Ratio	Lower	Upper
127	100		
129	35.9	25.8	38.8
65	26.4	22.6	33.8
92	17.2	13.9	20.9



#34
Hexachlorobutadiene
Concen: 50.650 ng
RT: 10.619 min Scan# 1367
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:	225	Resp:	91507
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	66.0	51.0	76.6

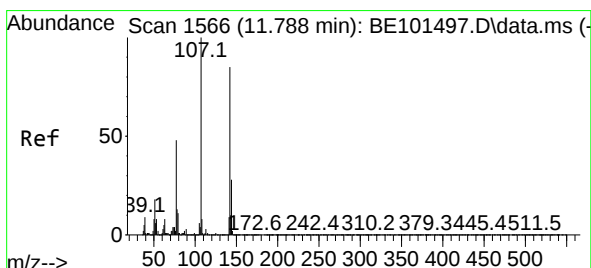
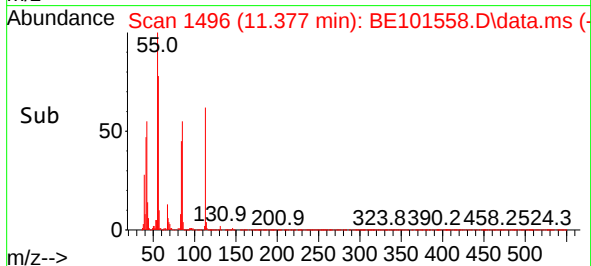
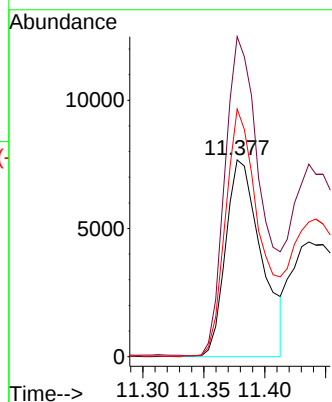
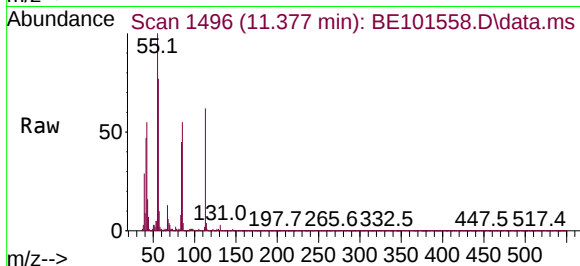




#35
Caprolactam
Concen: 16.198 ng
RT: 11.377 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

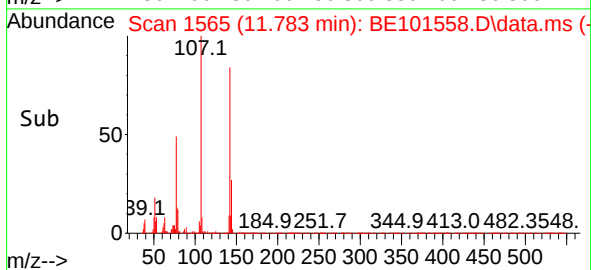
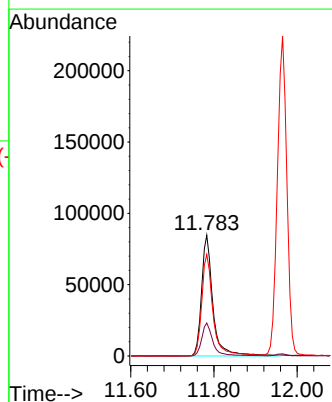
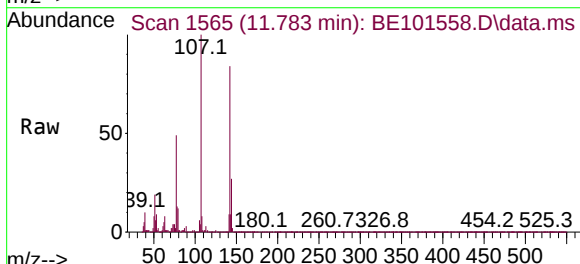
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

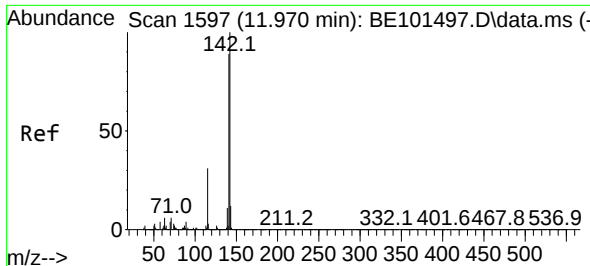
Tgt Ion:113 Resp: 15618
Ion Ratio Lower Upper
113 100
55 162.6 134.3 174.3
56 125.8 92.6 132.6



#36
4-Chloro-3-methylphenol
Concen: 55.831 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:107 Resp: 160083
Ion Ratio Lower Upper
107 100
144 27.4 22.4 33.6
142 84.0 68.2 102.2

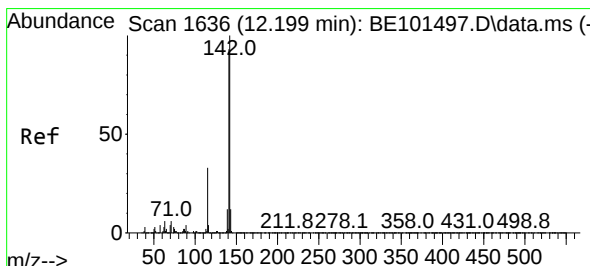
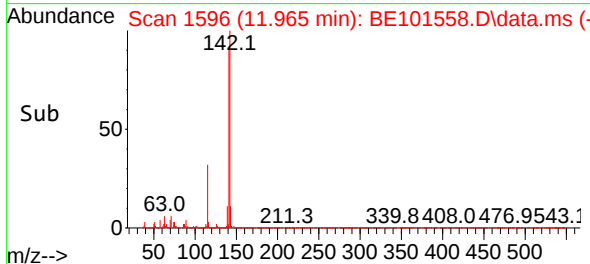
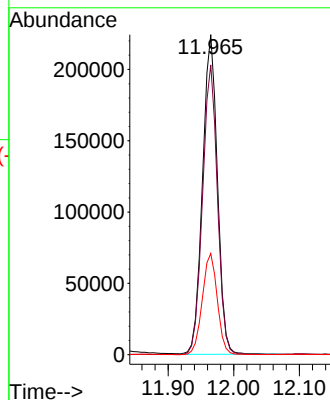
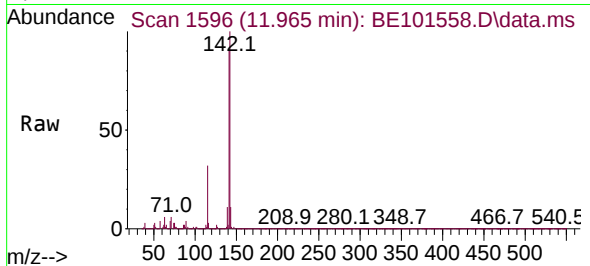




#37
2-Methylnaphthalene
Concen: 54.194 ng
RT: 11.965 min Scan# 1596
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

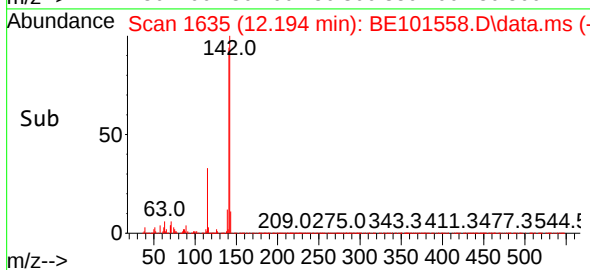
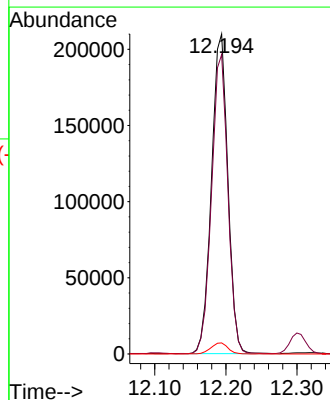
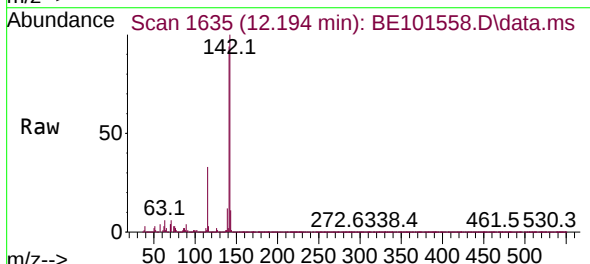
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

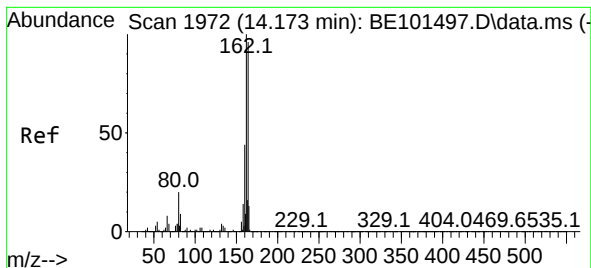
Tgt Ion:142 Resp: 354486
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 31.6 25.0 37.4



#38
1-Methylnaphthalene
Concen: 51.431 ng
RT: 12.194 min Scan# 1635
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:142 Resp: 335487
Ion Ratio Lower Upper
142 100
141 93.6 74.7 112.1
116 3.4 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: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

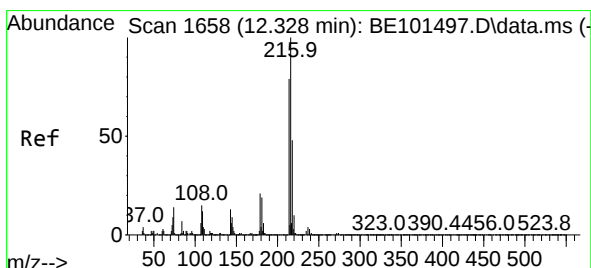
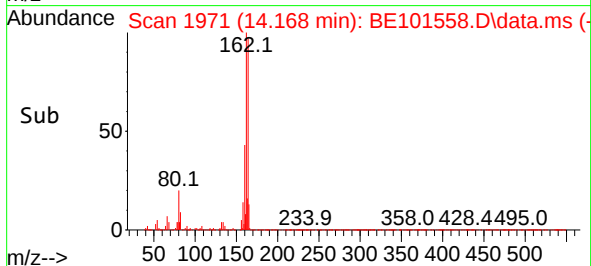
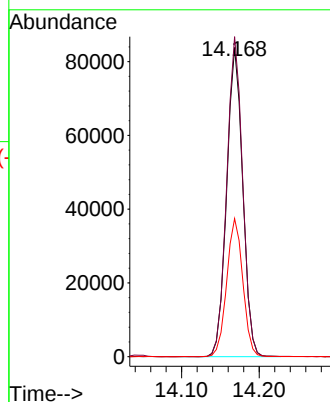
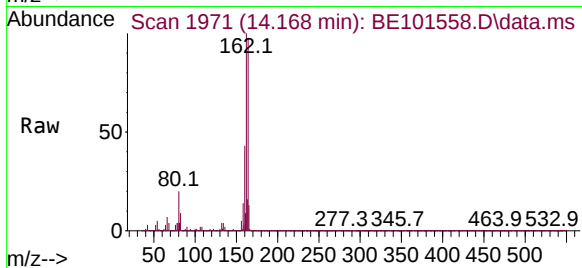
Tgt Ion:164 Resp: 120731

Ion Ratio Lower Upper

164 100

162 103.5 83.7 125.5

160 44.7 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.414 ng

RT: 12.323 min Scan# 1657

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Tgt Ion:216 Resp: 176384

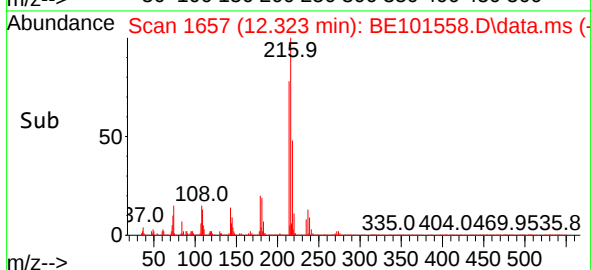
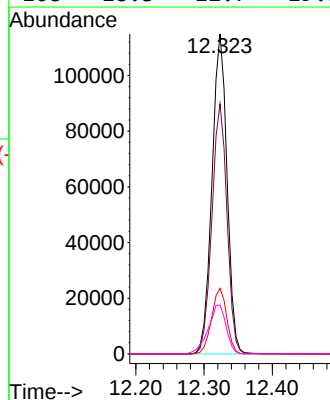
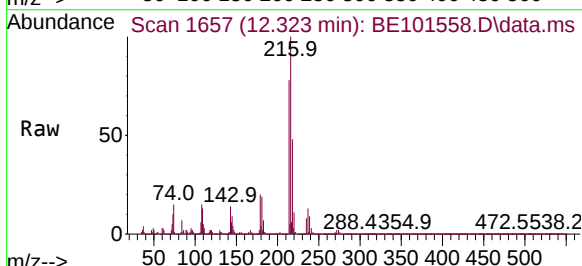
Ion Ratio Lower Upper

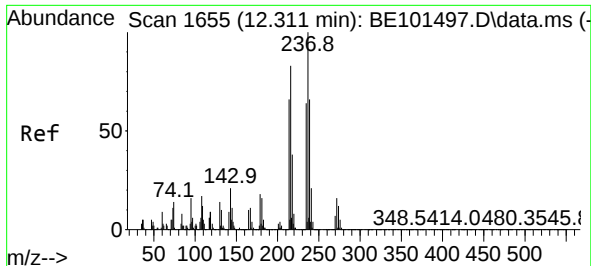
216 100

214 78.3 62.6 93.8

179 20.7 16.4 24.6

108 18.3 12.7 19.1

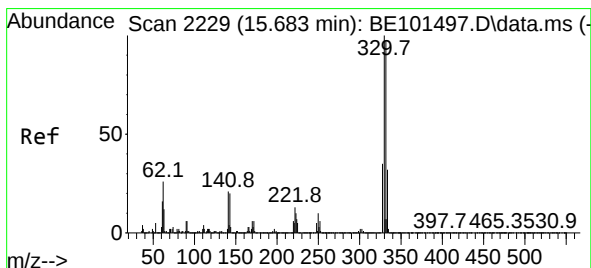
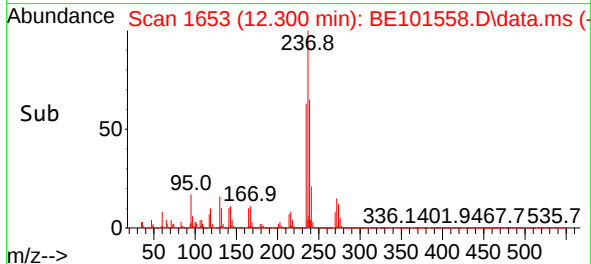
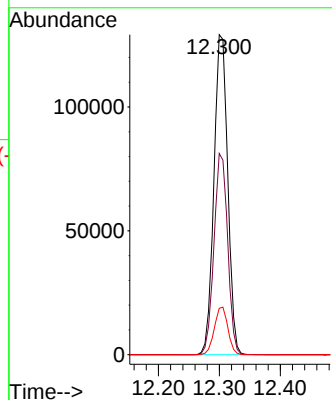
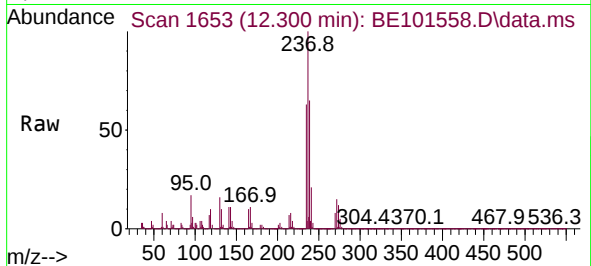




#41
Hexachlorocyclopentadiene
Concen: 218.946 ng
RT: 12.300 min Scan# 1653
Delta R.T. -0.011 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

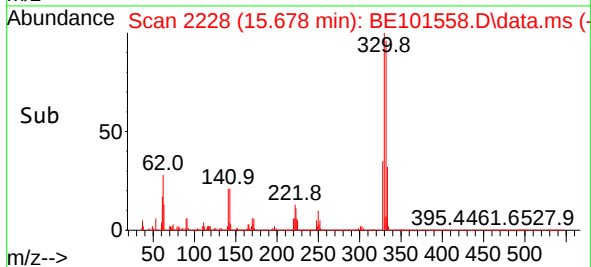
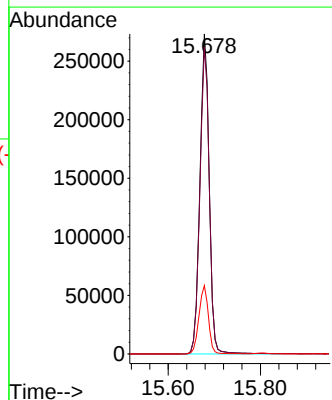
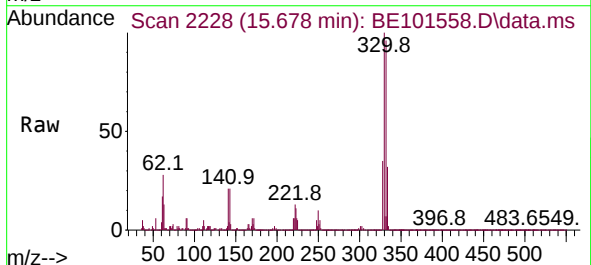
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

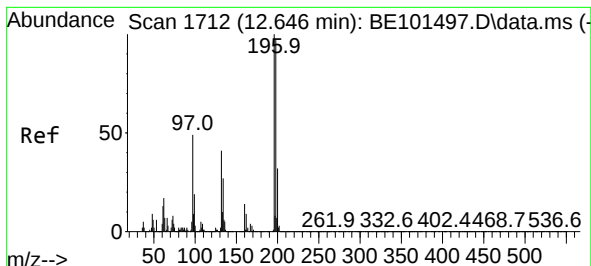
Tgt Ion:237 Resp: 203373
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 14.5 0.0 35.6



#42
2,4,6-Tribromophenol
Concen: 168.070 ng
RT: 15.678 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:330 Resp: 381819
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 21.8 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 58.943 ng

RT: 12.646 min Scan# 1712

Delta R.T. 0.001 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

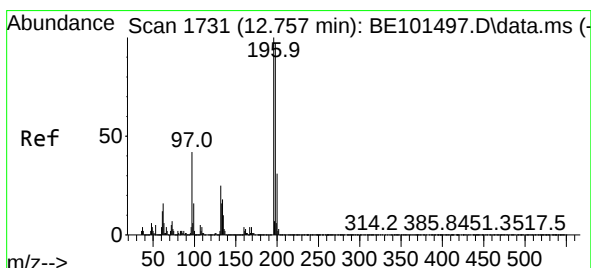
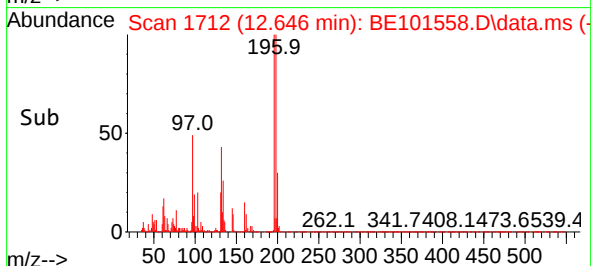
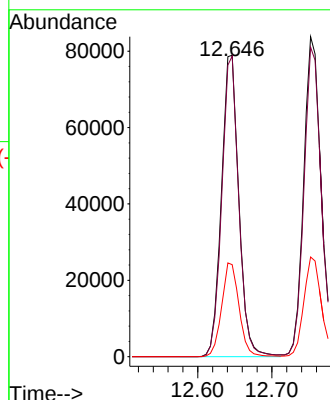
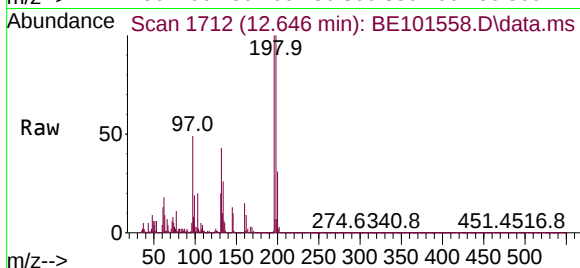
Tgt Ion:196 Resp: 128850

Ion Ratio Lower Upper

196 100

198 99.8 77.7 116.5

200 30.5 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 57.720 ng

RT: 12.752 min Scan# 1730

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Tgt Ion:196 Resp: 140570

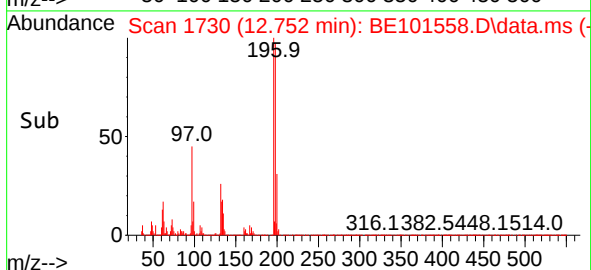
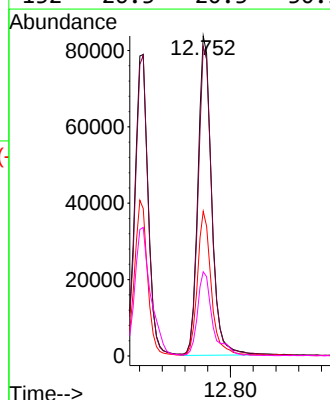
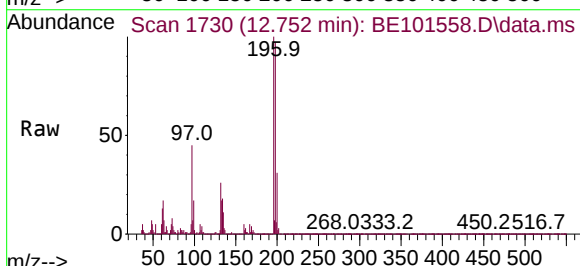
Ion Ratio Lower Upper

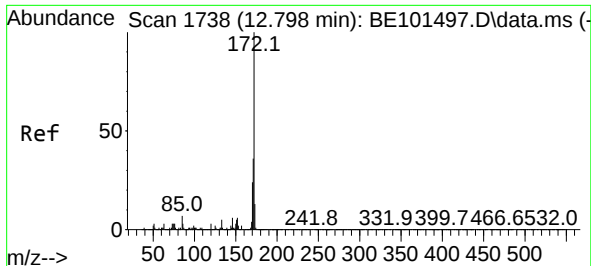
196 100

198 96.7 77.3 115.9

97 45.2 33.4 50.0

132 26.3 20.3 30.5

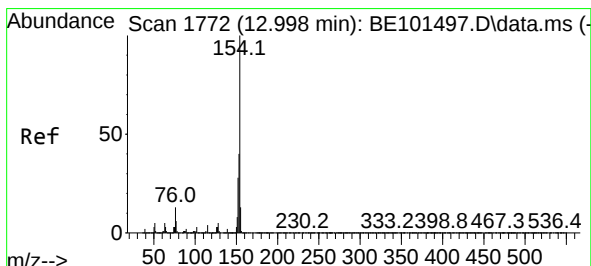
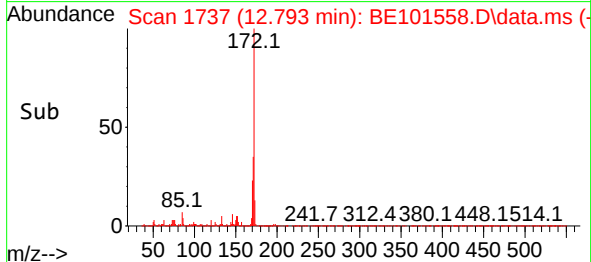
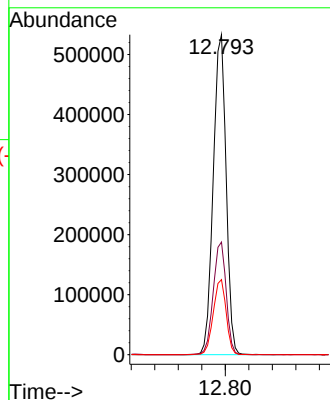
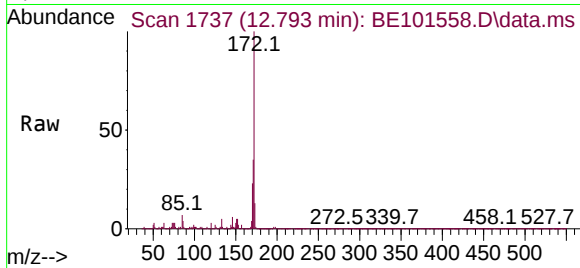




#45
2-Fluorobiphenyl
Concen: 109.243 ng
RT: 12.793 min Scan# 1738
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

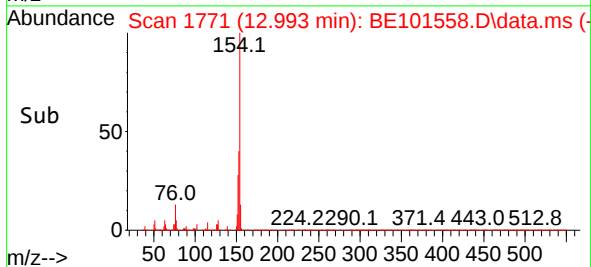
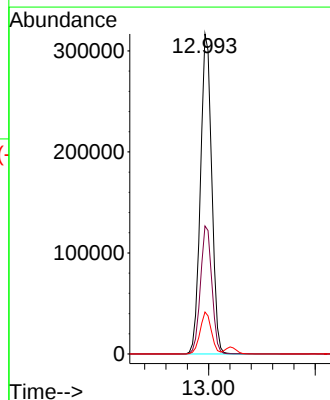
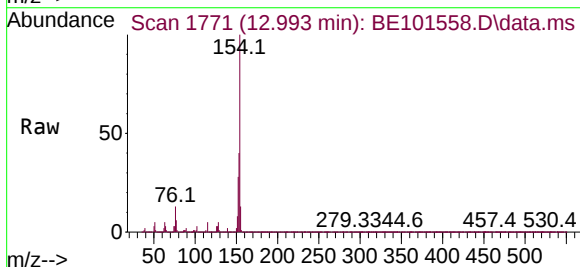
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

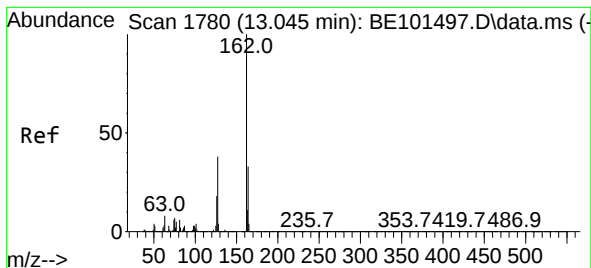
Tgt Ion:172 Resp: 807756
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 55.725 ng
RT: 12.993 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:154 Resp: 464074
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 13.1 0.0 33.0





#47

2-Chloronaphthalene

Concen: 55.005 ng

RT: 13.040 min Scan# 1

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

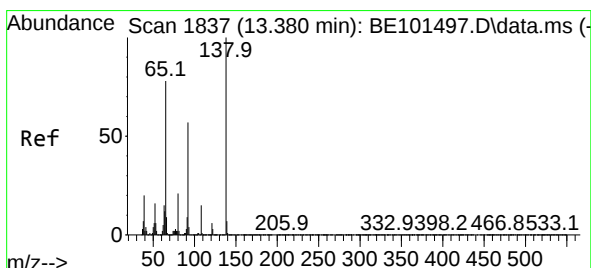
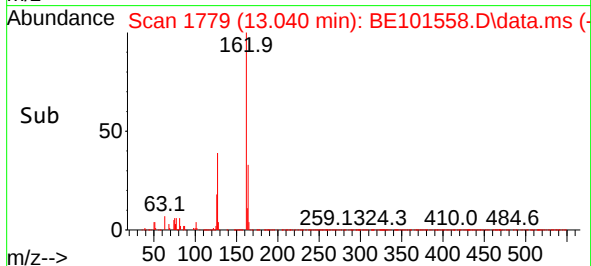
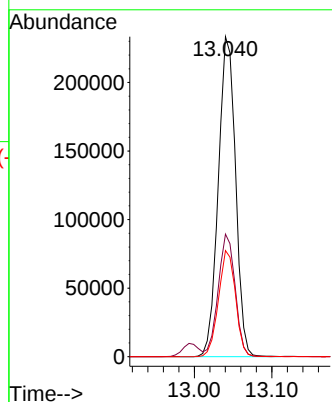
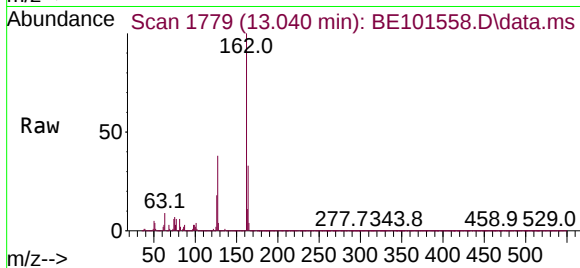
Tgt Ion:162 Resp: 361296

Ion Ratio Lower Upper

162 100

127 38.3 30.2 45.4

164 33.2 26.4 39.6



#48

2-Nitroaniline

Concen: 62.086 ng

RT: 13.375 min Scan# 1836

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

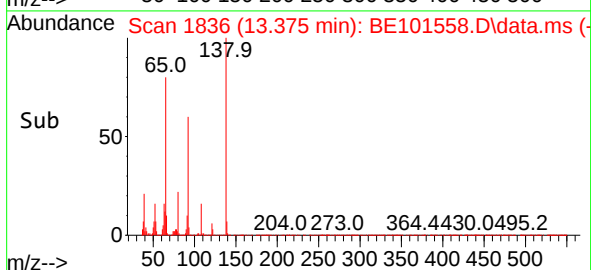
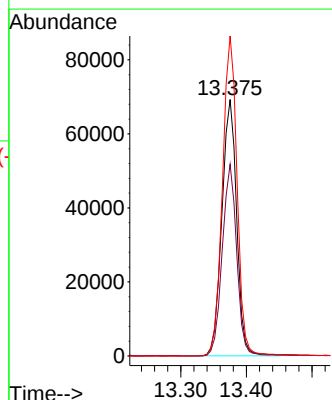
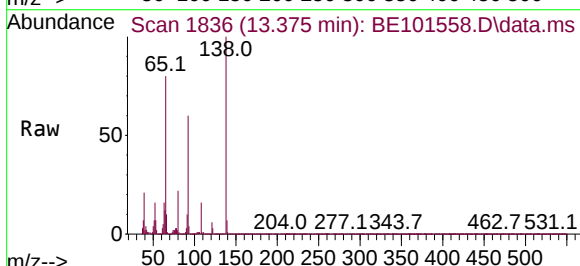
Tgt Ion: 65 Resp: 107948

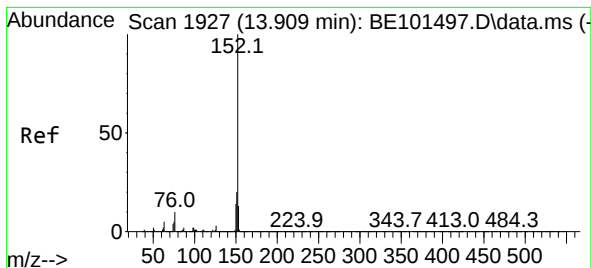
Ion Ratio Lower Upper

65 100

92 74.7 58.9 88.3

138 124.7 103.0 154.6





#49

Acenaphthylene

Concen: 60.708 ng

RT: 13.898 min Scan# 1925

Delta R.T. -0.011 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

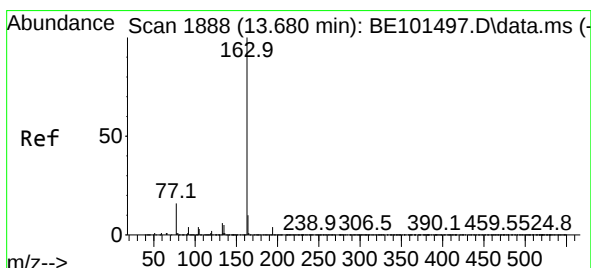
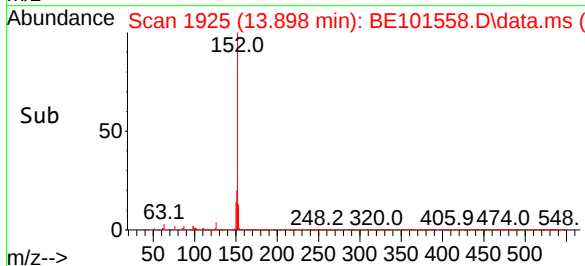
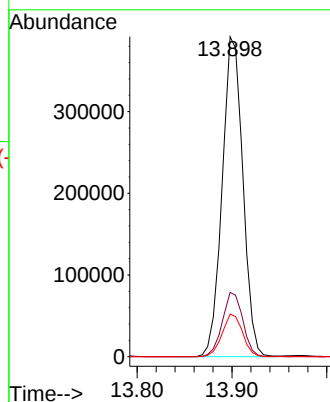
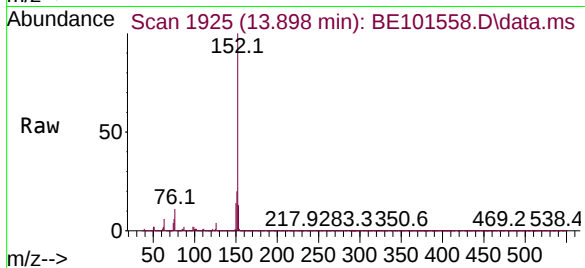
Tgt Ion:152 Resp: 594230

Ion Ratio Lower Upper

152 100

151 20.1 15.6 23.4

153 13.3 10.3 15.5



#50

Dimethylphthalate

Concen: 54.871 ng

RT: 13.675 min Scan# 1887

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

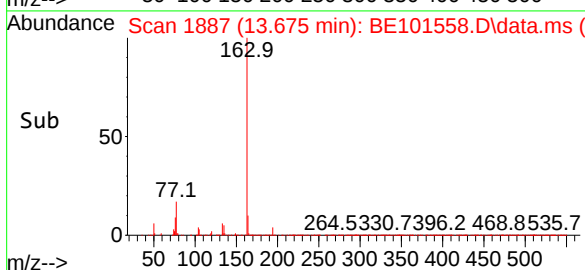
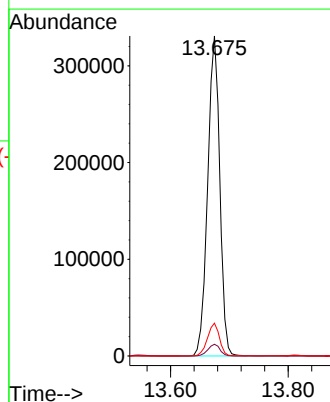
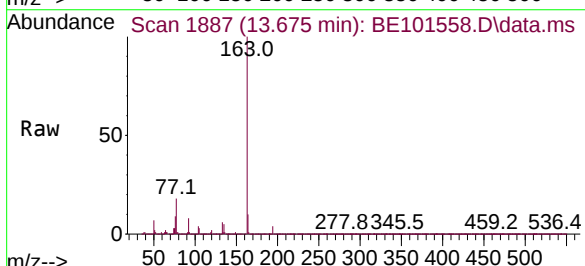
Tgt Ion:163 Resp: 471736

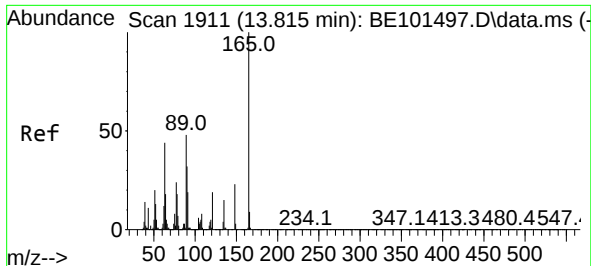
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 10.3 8.2 12.2

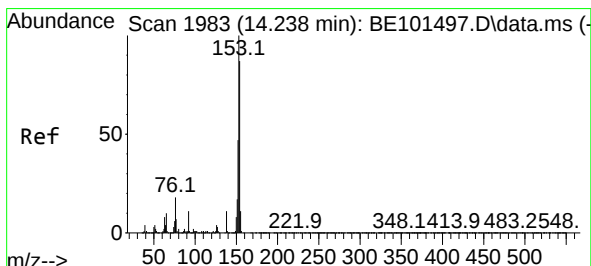
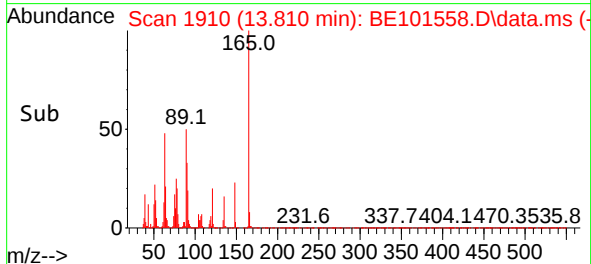
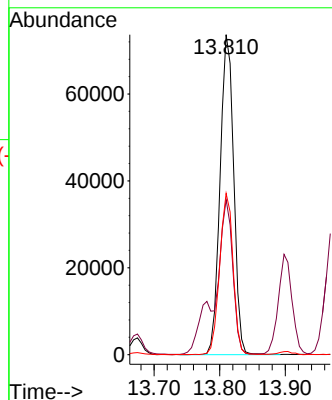
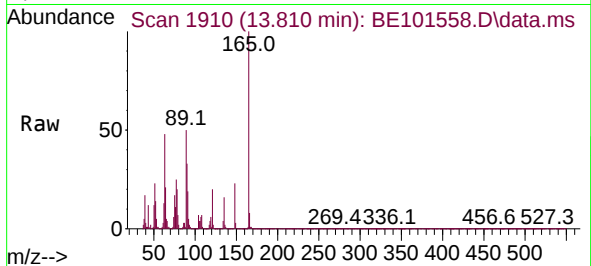




#51
2,6-Dinitrotoluene
Concen: 53.146 ng
RT: 13.810 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

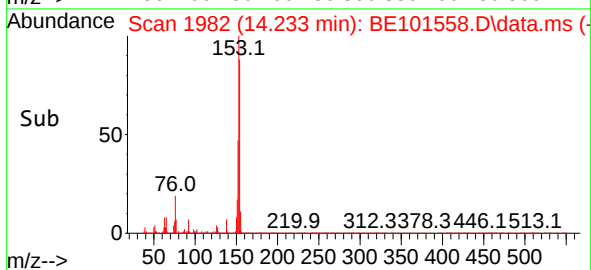
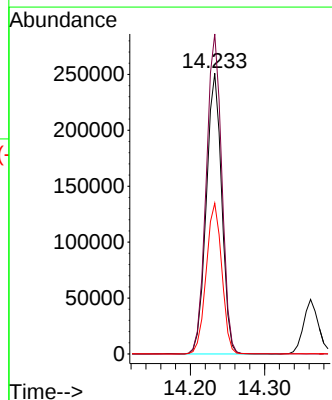
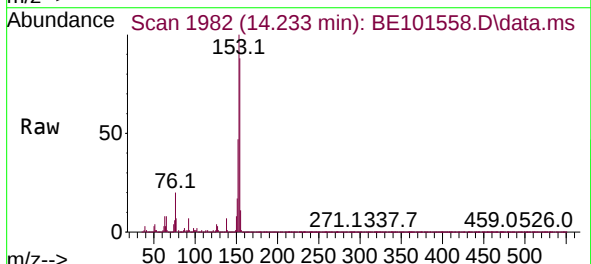
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

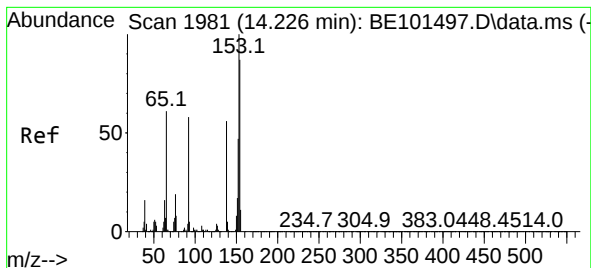
Tgt Ion:165 Resp: 105458
Ion Ratio Lower Upper
165 100
63 48.5 37.2 55.8
89 50.4 38.4 57.6



#52
Acenaphthene
Concen: 58.115 ng
RT: 14.233 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:154 Resp: 363003
Ion Ratio Lower Upper
154 100
153 114.0 92.3 138.5
152 53.7 43.6 65.4

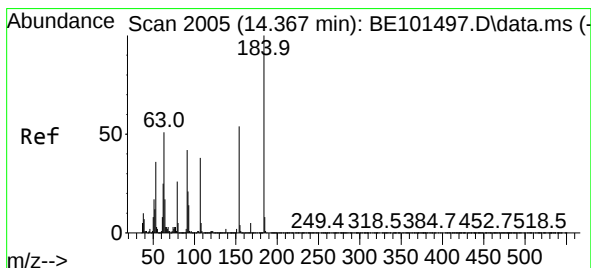
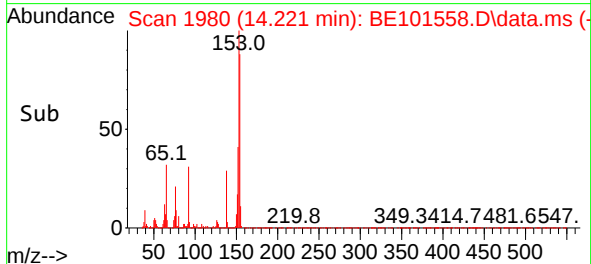
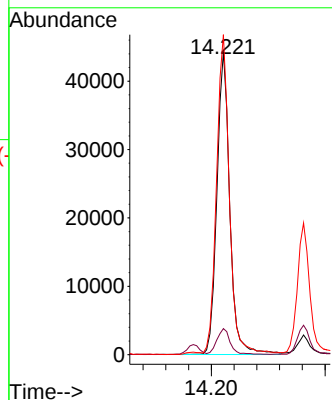
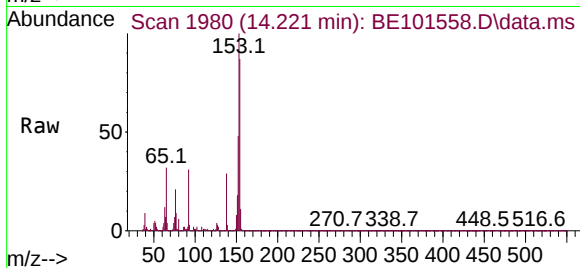




#53
3-Nitroaniline
Concen: 36.065 ng
RT: 14.221 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

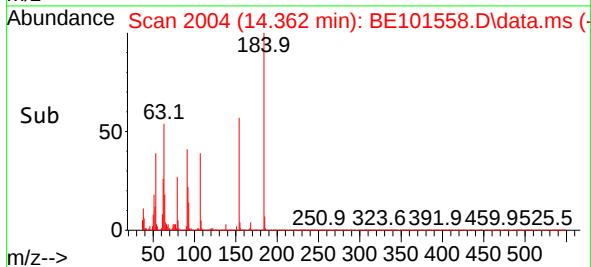
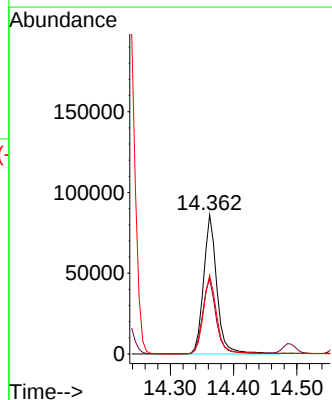
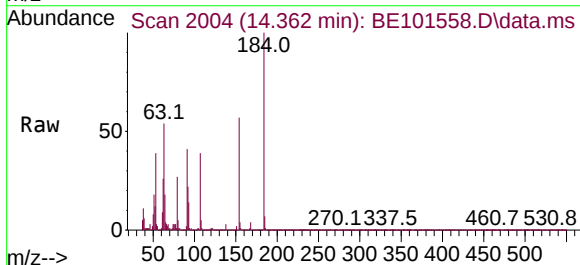
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

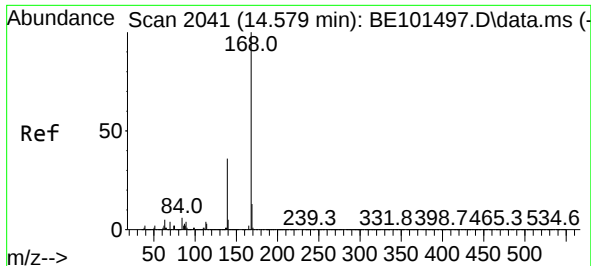
Tgt Ion:138 Resp: 69474
Ion Ratio Lower Upper
138 100
108 8.6 7.2 10.8
92 105.6 83.0 124.4



#54
2,4-Dinitrophenol
Concen: 108.740 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:184 Resp: 126446
Ion Ratio Lower Upper
184 100
63 53.8 41.0 61.4
154 56.7 43.2 64.8

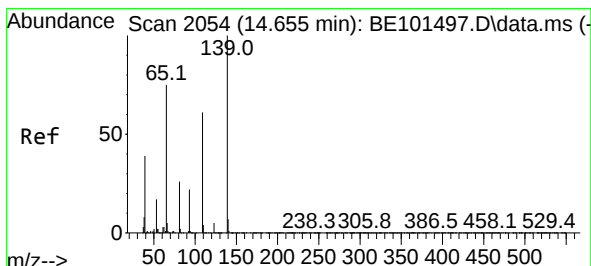
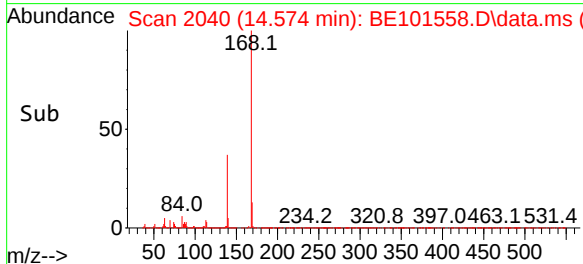
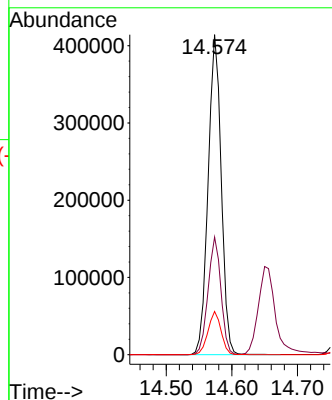
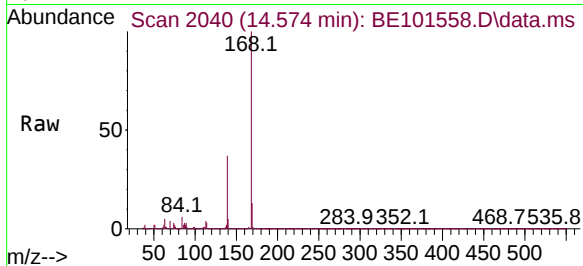




#55
Dibenzenofuran
Concen: 57.203 ng
RT: 14.574 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

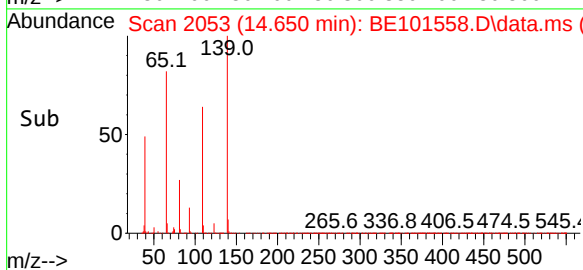
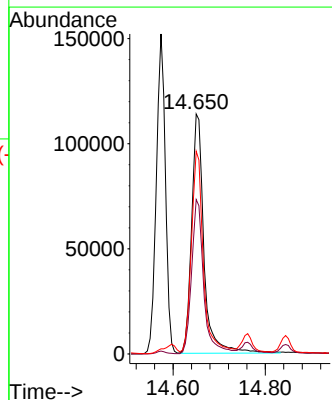
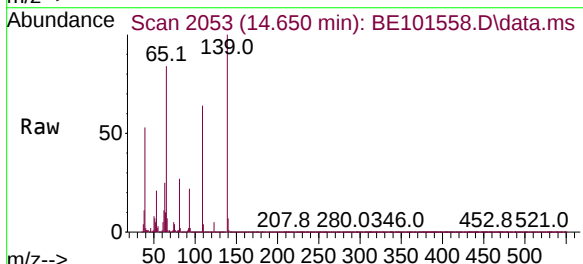
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

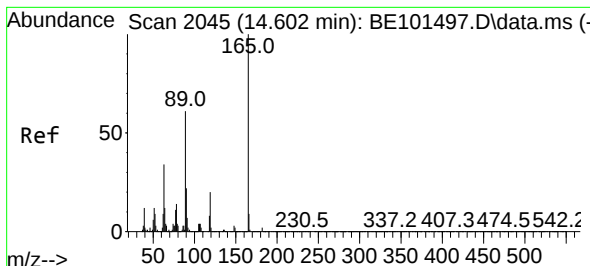
Tgt Ion:168 Resp: 575378
Ion Ratio Lower Upper
168 100
139 36.7 29.1 43.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 133.319 ng
RT: 14.650 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:139 Resp: 212069
Ion Ratio Lower Upper
139 100
109 64.4 40.7 80.7
65 84.5 58.0 98.0

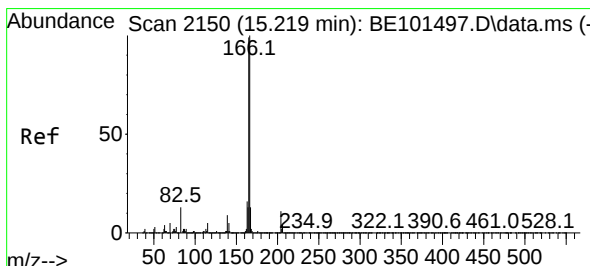
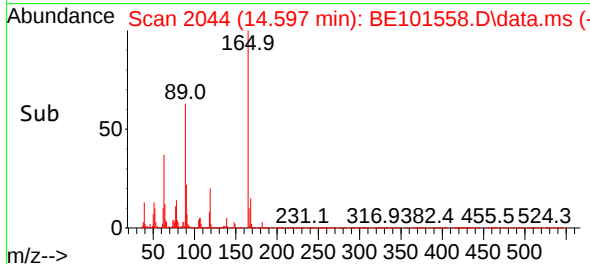
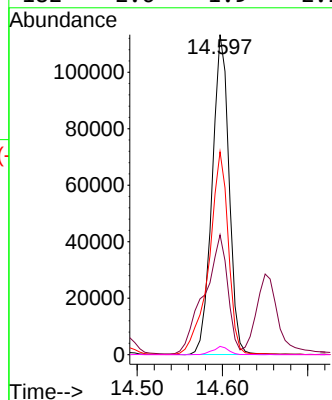
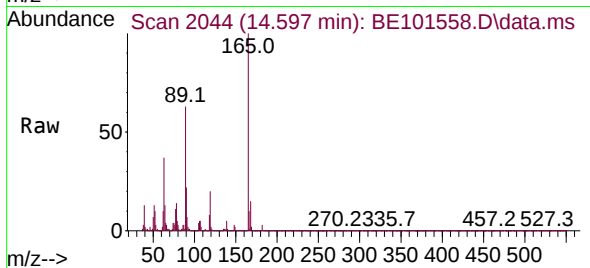




#57
2,4-Dinitrotoluene
Concen: 55.983 ng
RT: 14.597 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

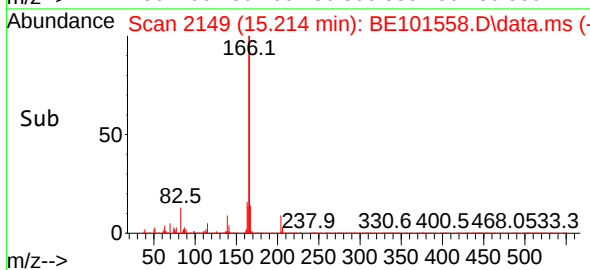
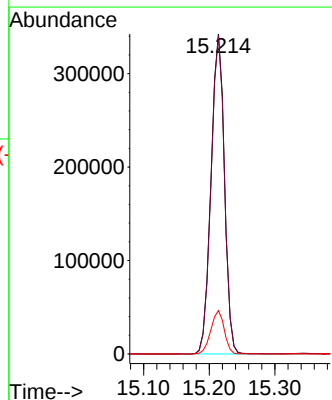
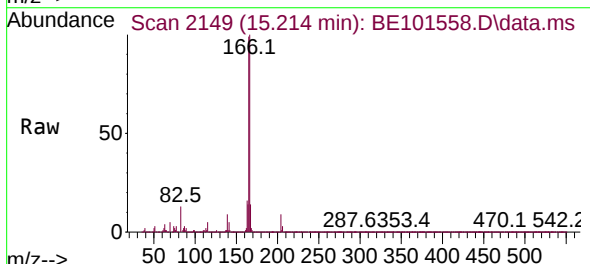
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

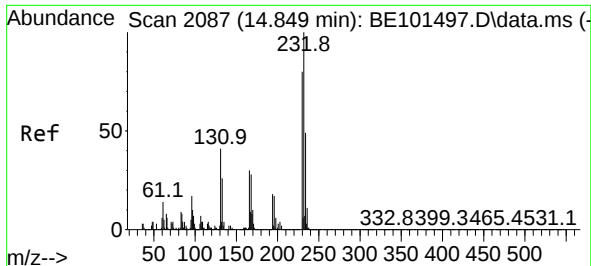
Tgt Ion:165 Resp: 156064
Ion Ratio Lower Upper
165 100
63 37.4 27.8 41.8
89 63.4 49.5 74.3
182 2.6 1.9 2.9



#58
Fluorene
Concen: 57.936 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:166 Resp: 486333
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.4
167 13.5 10.6 16.0

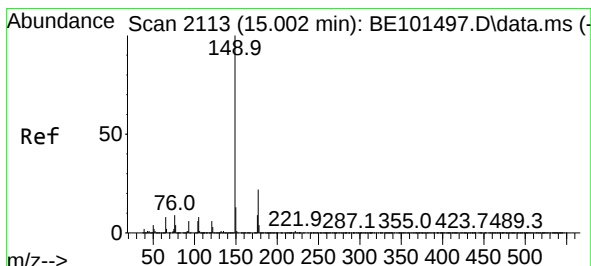
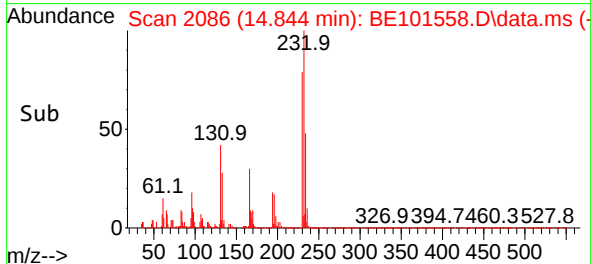
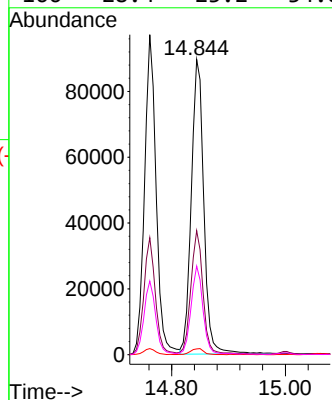
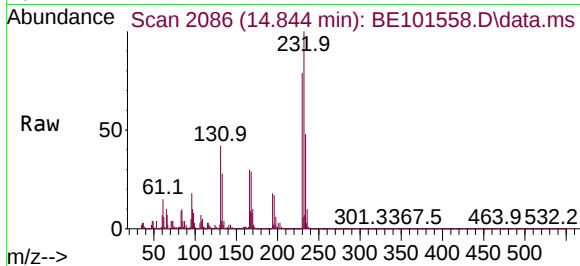




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.800 ng
RT: 14.844 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

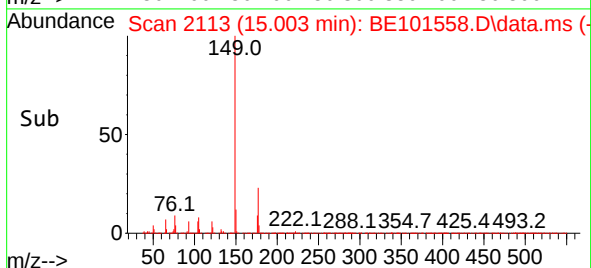
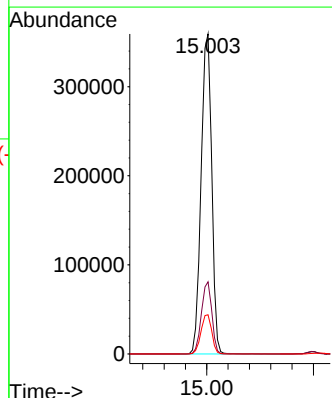
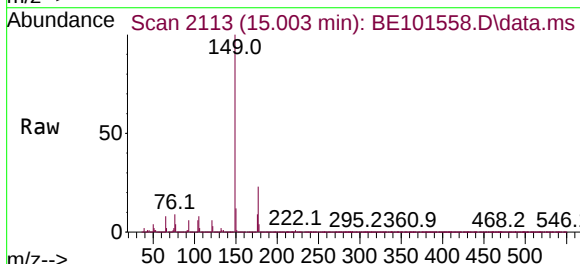
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

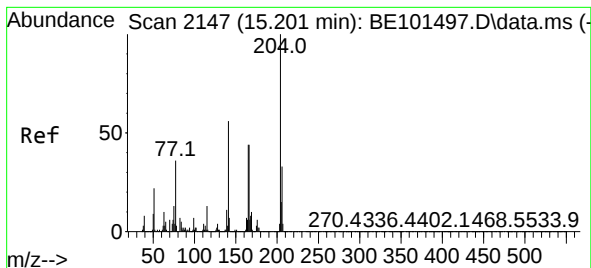
Tgt Ion:232 Resp: 137013
Ion Ratio Lower Upper
232 100
131 40.9 32.2 48.4
130 2.1 1.5 2.3
166 28.4 23.2 34.8



#60
Diethylphthalate
Concen: 54.667 ng
RT: 15.003 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:149 Resp: 495556
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.3 10.0 15.0

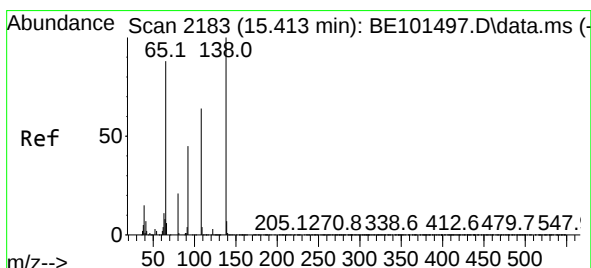
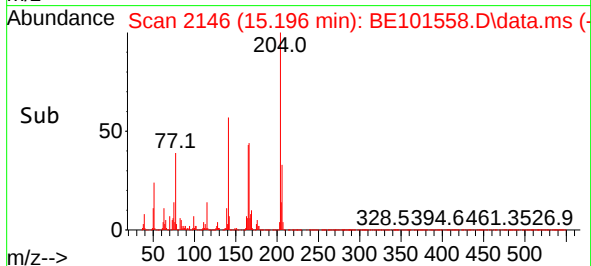
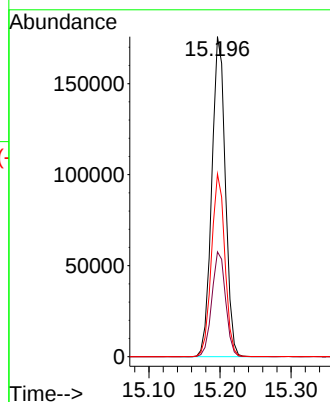
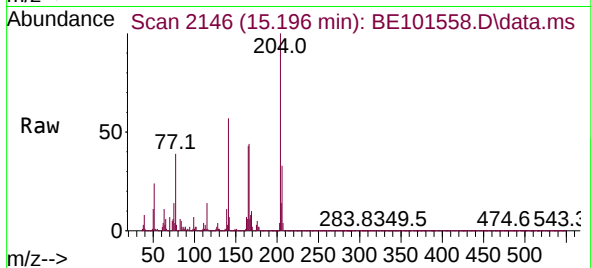




#61
4-Chlorophenyl-phenylether
Concen: 54.836 ng
RT: 15.196 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

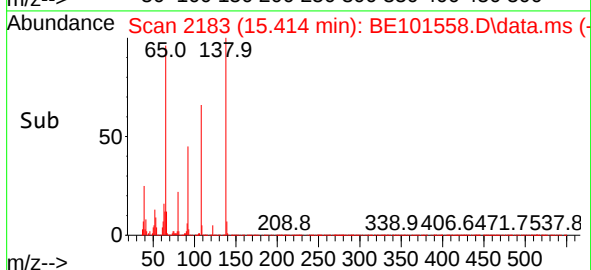
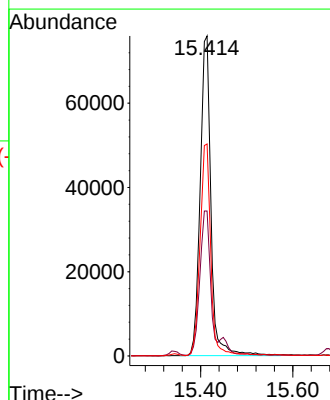
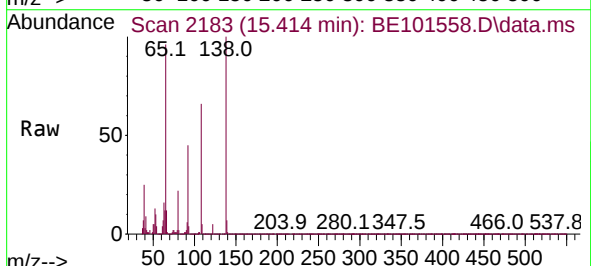
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

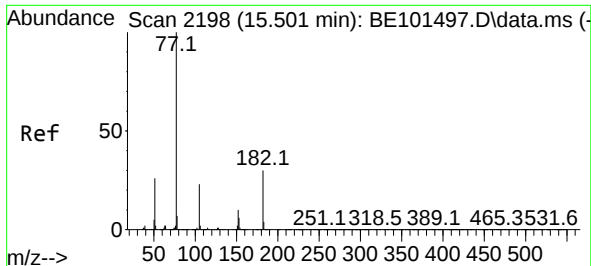
Tgt Ion:204 Resp: 233752
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 57.1 44.8 67.2



#62
4-Nitroaniline
Concen: 59.380 ng
RT: 15.414 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:138 Resp: 123240
Ion Ratio Lower Upper
138 100
92 45.3 25.7 65.7
108 66.2 44.4 84.4



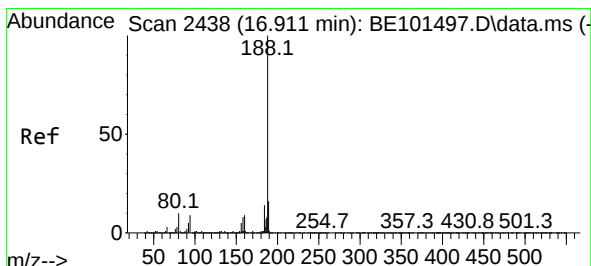
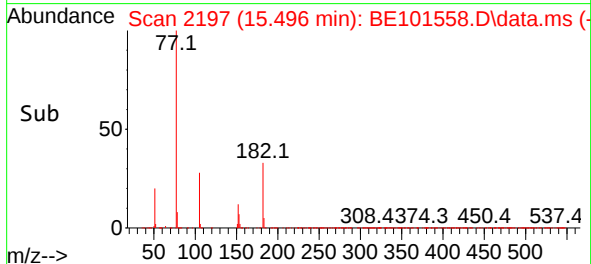
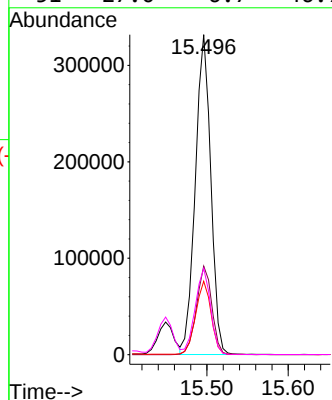
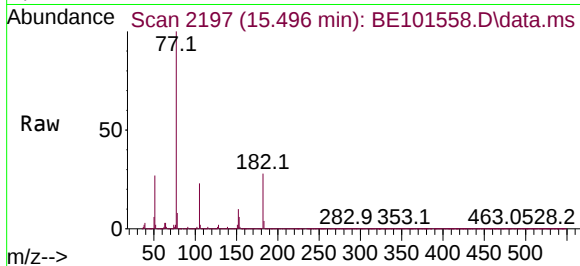


#63
Azobenzene
Concen: 59.424 ng
RT: 15.496 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Instrument :
BNA_E
ClientSampleId :
TP-14MSD

Tgt Ion: 77 Resp: 439464

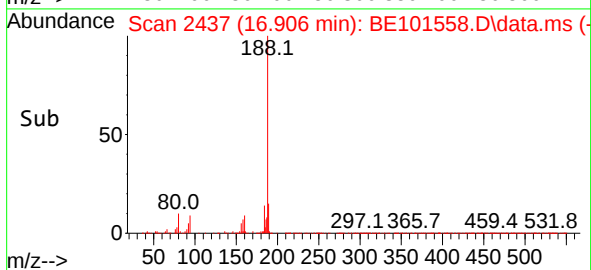
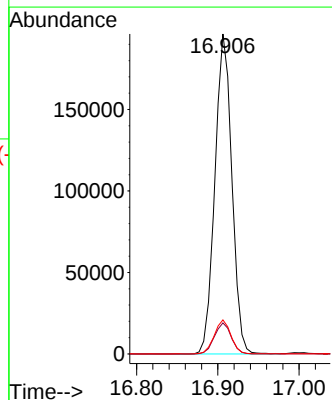
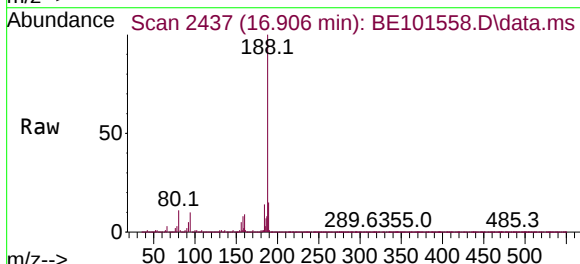
Ion	Ratio	Lower	Upper
77	100		
182	27.7	9.1	49.1
105	22.9	3.2	43.2
51	27.0	6.7	46.7

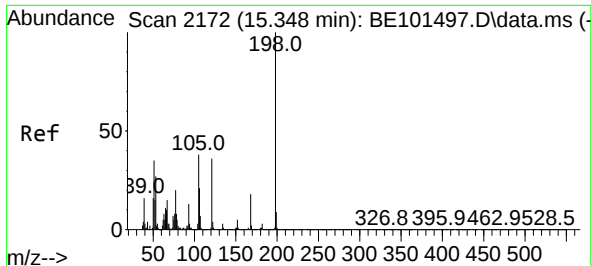


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion: 188 Resp: 285084

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.7	8.0	12.0

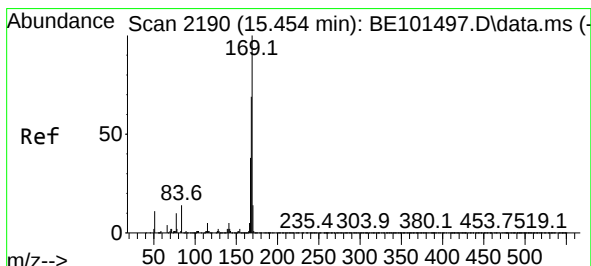
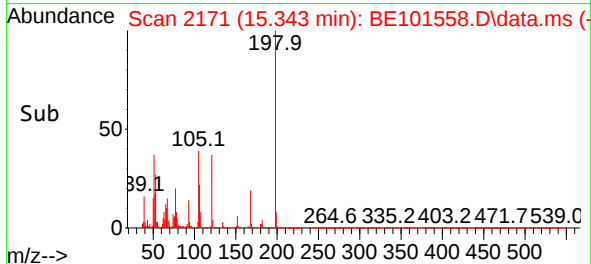
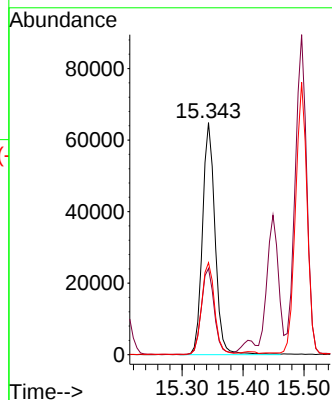
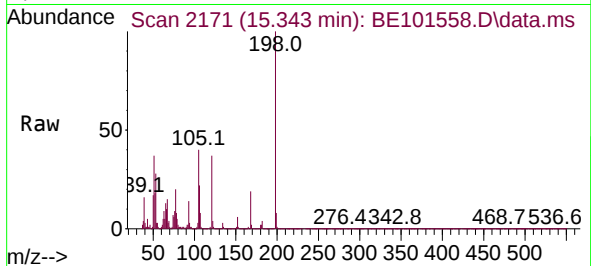




#65
4,6-Dinitro-2-methylphenol
Concen: 54.798 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

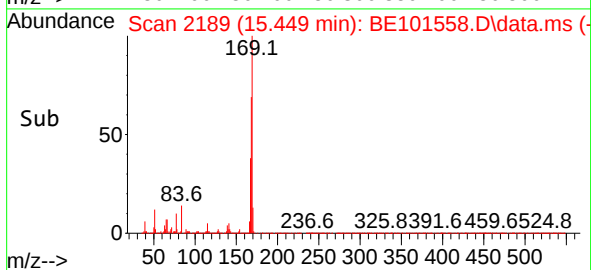
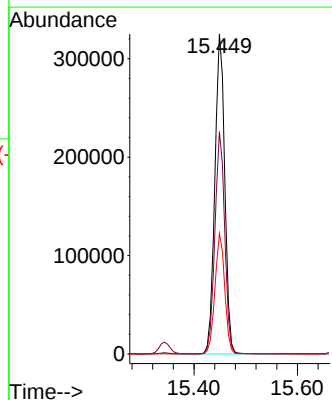
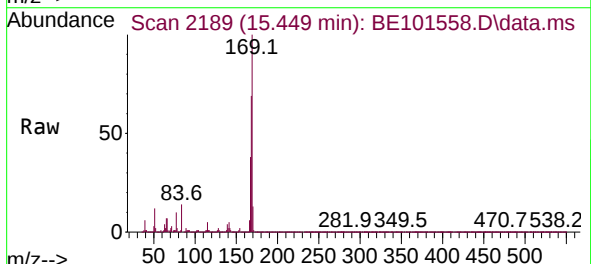
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

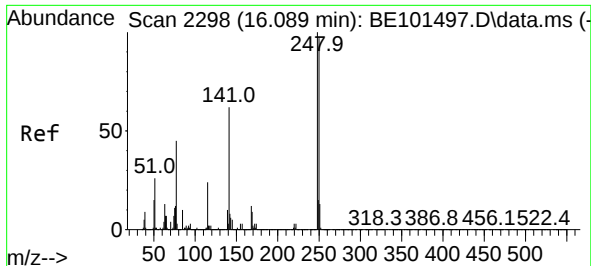
Tgt Ion:198 Resp: 92733
Ion Ratio Lower Upper
198 100
51 37.2 15.3 55.3
105 39.7 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 56.985 ng
RT: 15.449 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:169 Resp: 431131
Ion Ratio Lower Upper
169 100
168 69.5 55.5 83.3
167 37.7 30.4 45.6

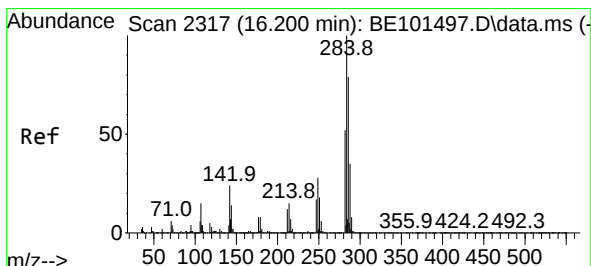
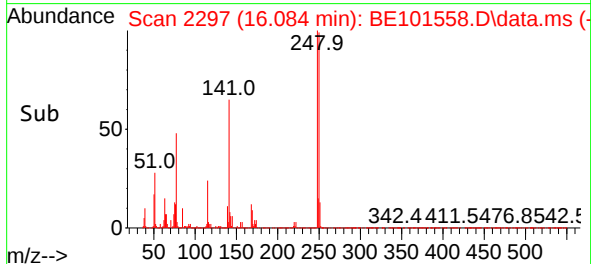
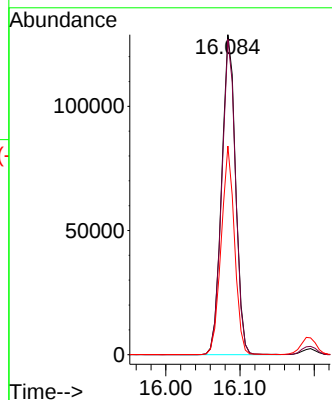
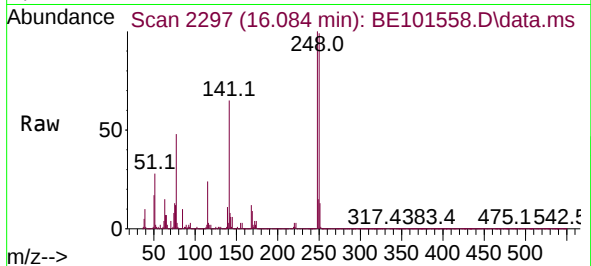




#67
4-Bromophenyl-phenylether
Concen: 53.416 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

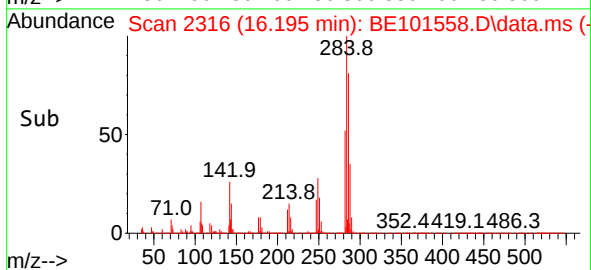
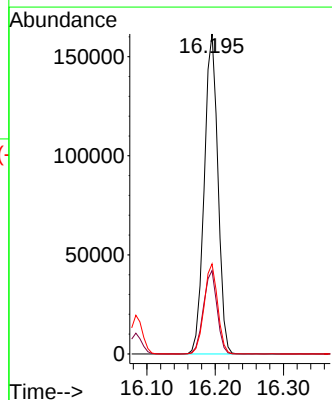
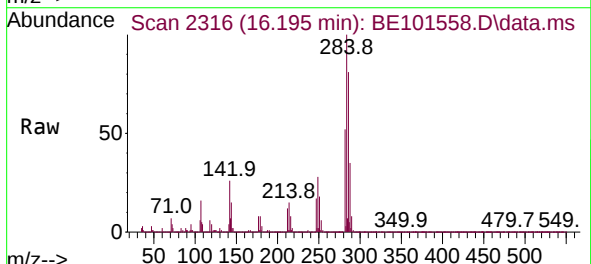
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

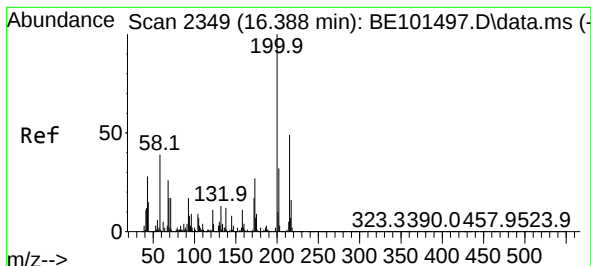
Tgt Ion:248 Resp: 167955
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 65.2 50.0 75.0



#68
Hexachlorobenzene
Concen: 54.079 ng
RT: 16.195 min Scan# 2316
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:284 Resp: 223786
Ion Ratio Lower Upper
284 100
142 26.1 19.4 29.2
249 28.2 22.4 33.6





#69

Atrazine

Concen: 73.386 ng

RT: 16.389 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

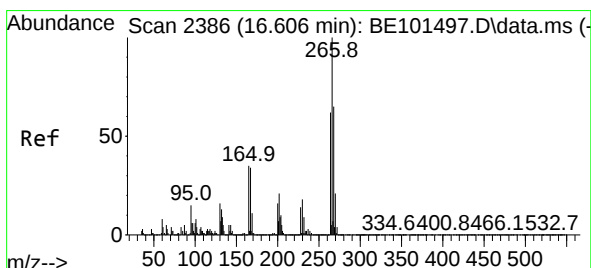
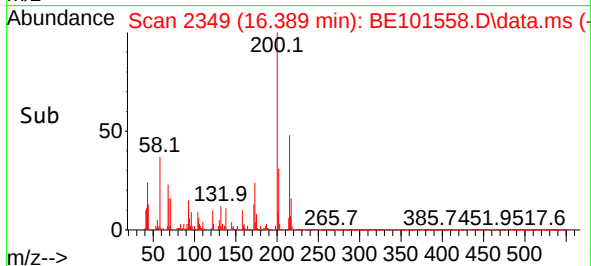
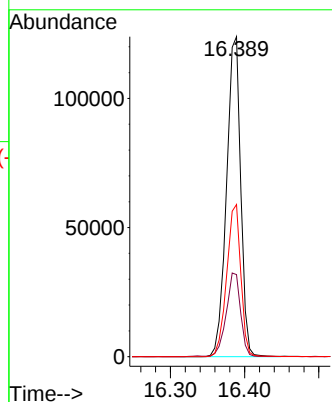
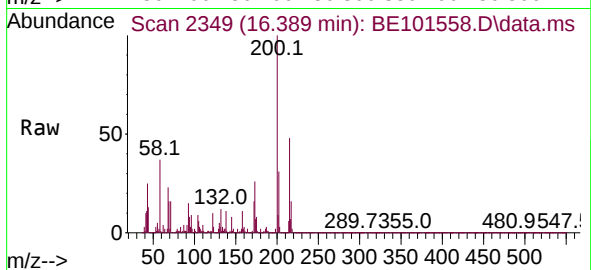
Tgt Ion:200 Resp: 163919

Ion Ratio Lower Upper

200 100

173 25.6 7.4 47.4

215 47.6 28.9 68.9



#70

Pentachlorophenol

Concen: 124.789 ng

RT: 16.607 min Scan# 2386

Delta R.T. 0.001 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

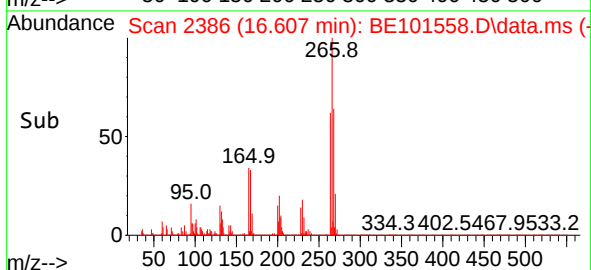
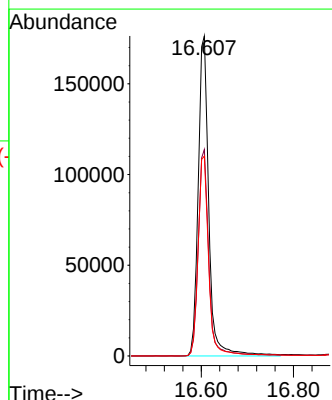
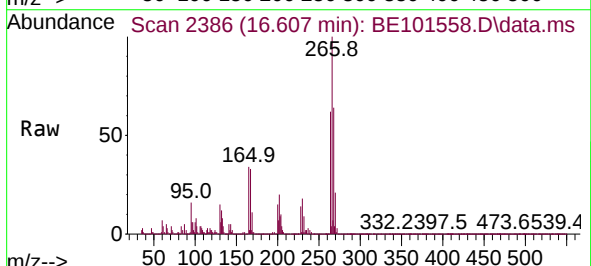
Tgt Ion:266 Resp: 280187

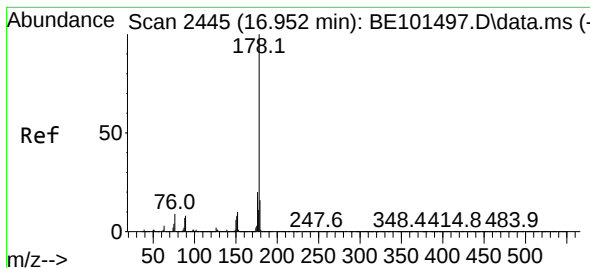
Ion Ratio Lower Upper

266 100

268 64.5 52.0 78.0

264 62.4 49.6 74.4





#71

Phenanthrene

Concen: 59.758 ng

RT: 16.947 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

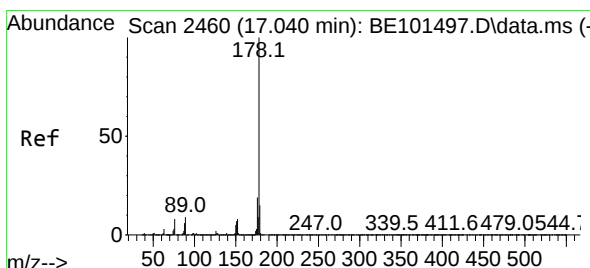
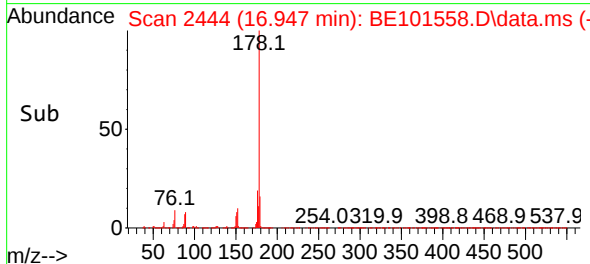
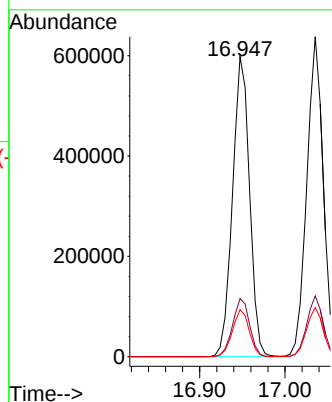
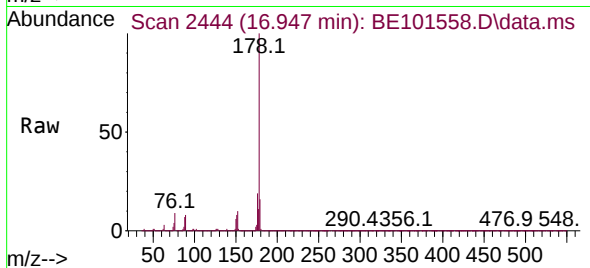
Tgt Ion:178 Resp: 828579

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 62.242 ng

RT: 17.035 min Scan# 2459

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

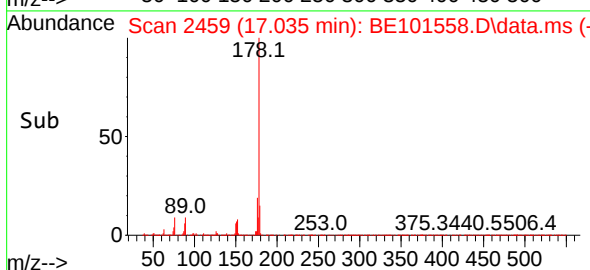
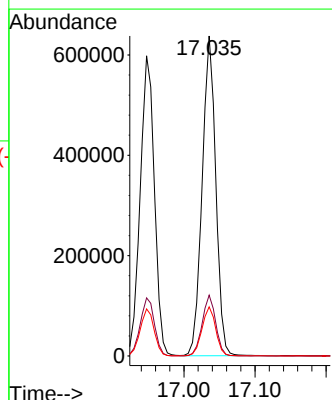
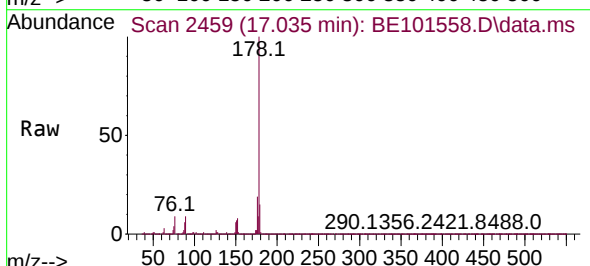
Tgt Ion:178 Resp: 852261

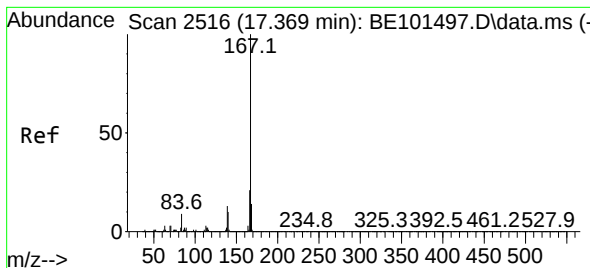
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.4 12.4 18.6





#73

Carbazole

Concen: 60.563 ng

RT: 17.364 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

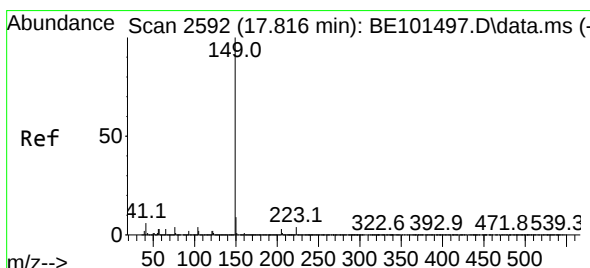
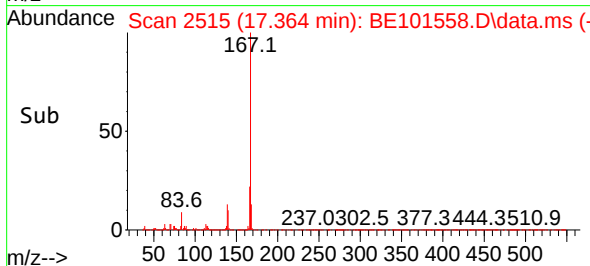
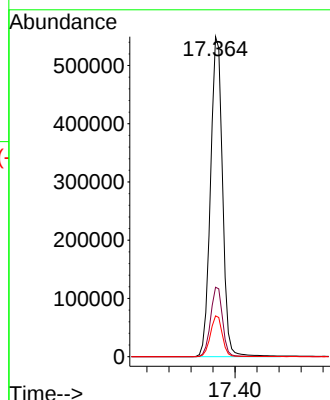
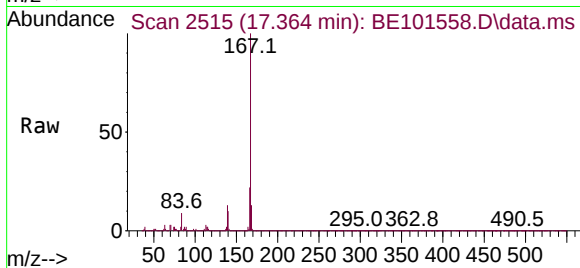
Tgt Ion:167 Resp: 831608

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 57.461 ng

RT: 17.811 min Scan# 2591

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

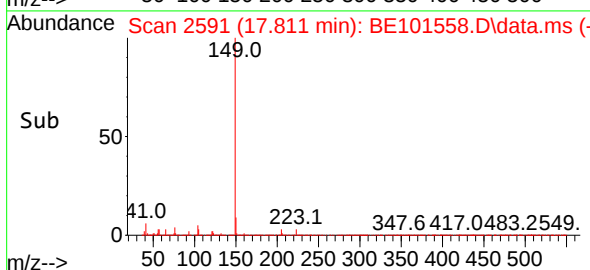
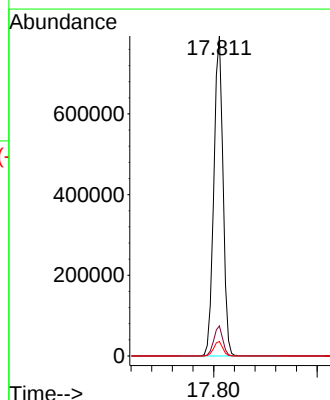
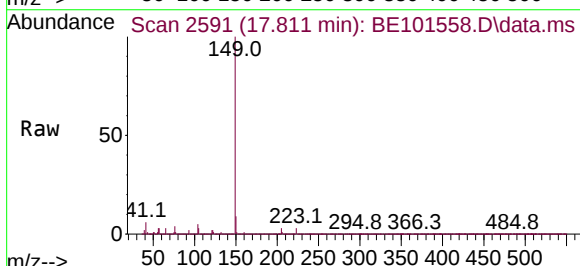
Tgt Ion:149 Resp: 974386

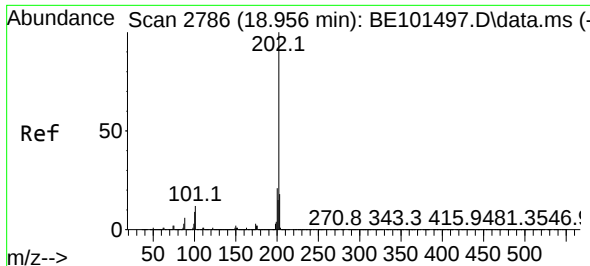
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.5 3.4 5.2

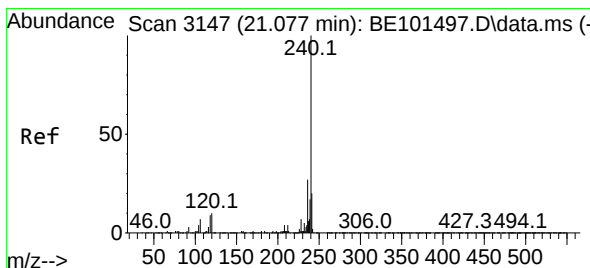
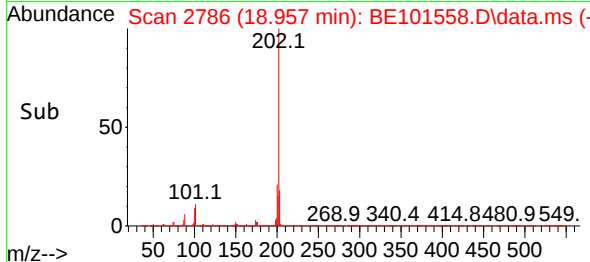
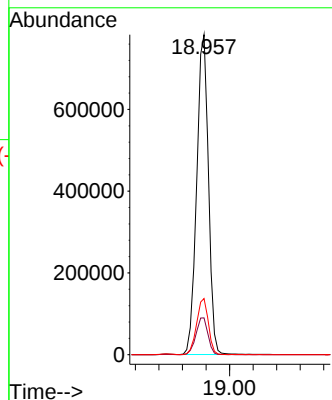
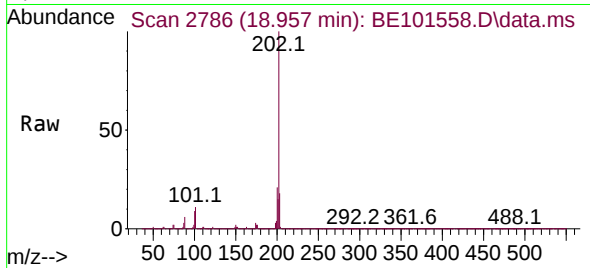




#75
Fluoranthene
Concen: 60.993 ng
RT: 18.957 min Scan# 21
Delta R.T. 0.001 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

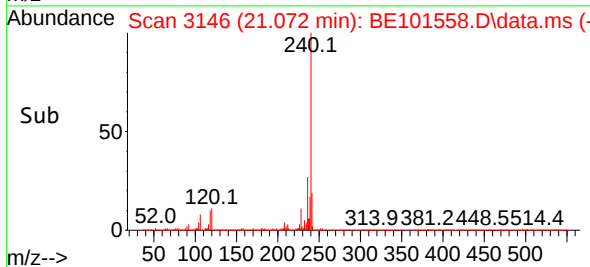
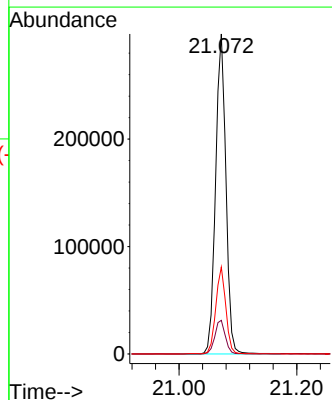
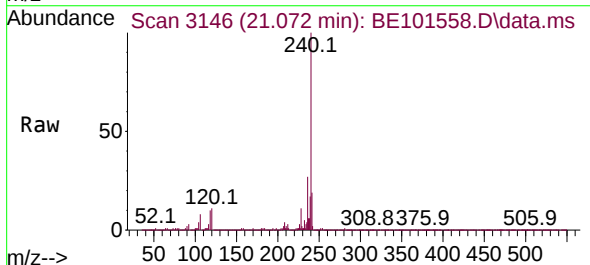
Instrument :
BNA_E
ClientSampleId :
TP-14MSD

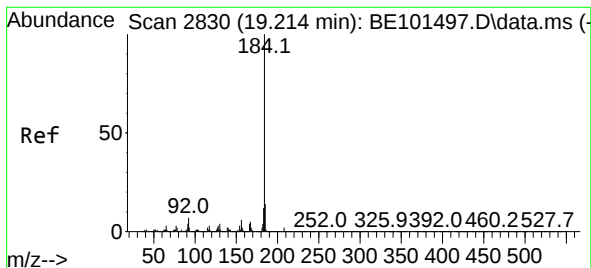
Tgt Ion:202 Resp: 1084320
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BE101558.D
Acq: 8 Nov 2024 18:43

Tgt Ion:240 Resp: 361953
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 27.2 21.4 32.2





#77

Benzidine

Concen: 40.446 ng

RT: 19.209 min Scan# 2829

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

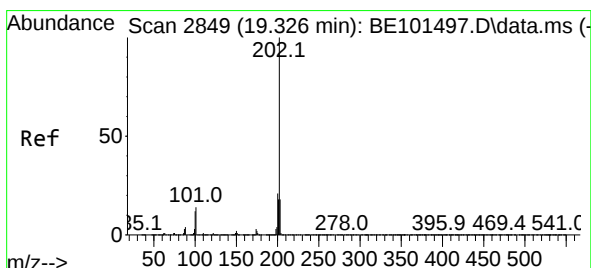
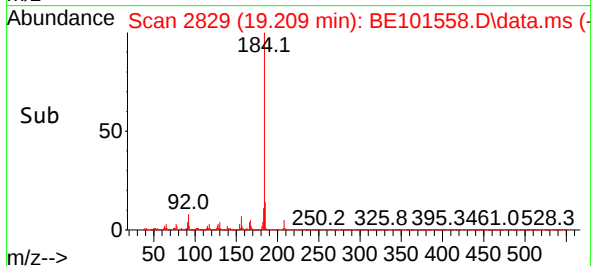
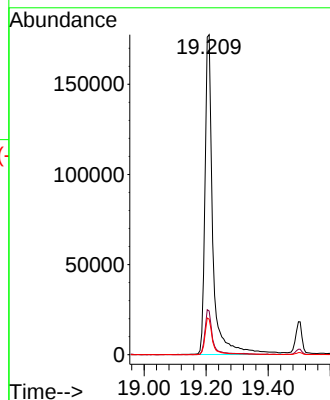
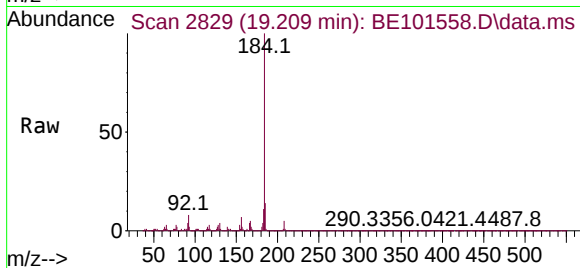
Tgt Ion:184 Resp: 314471

Ion Ratio Lower Upper

184 100

185 13.6 11.2 16.8

183 11.1 9.4 14.0



#78

Pyrene

Concen: 56.617 ng

RT: 19.327 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

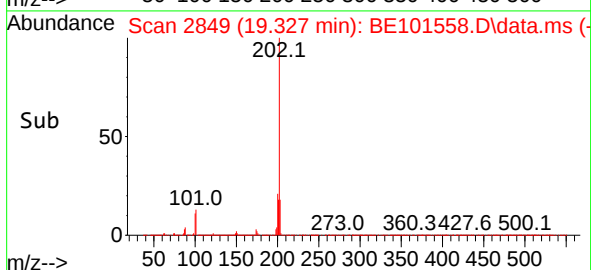
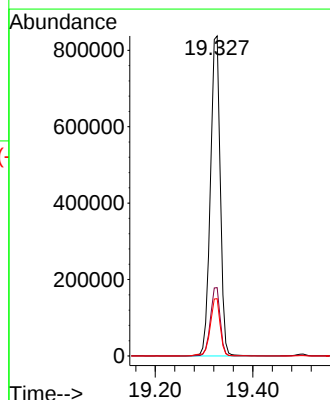
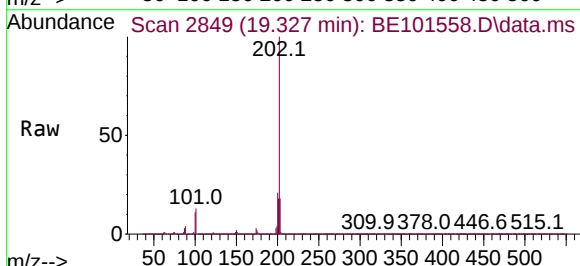
Tgt Ion:202 Resp: 1165998

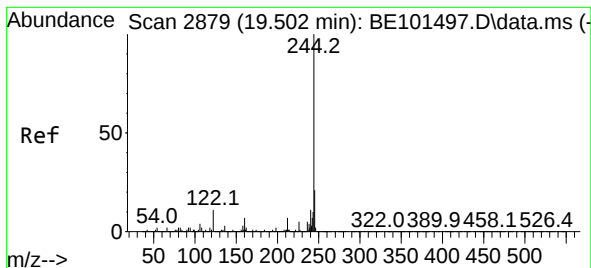
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 115.188 ng

RT: 19.503 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

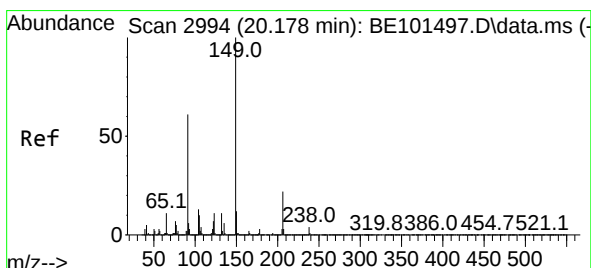
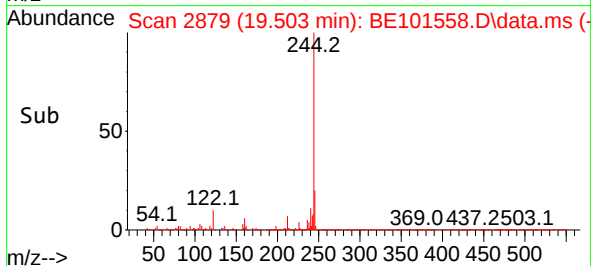
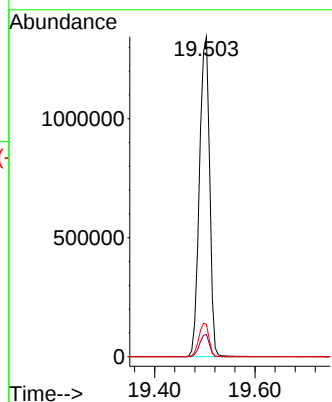
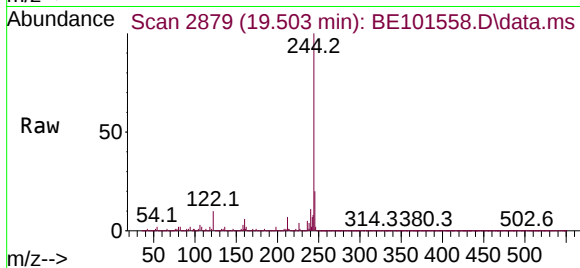
Tgt Ion:244 Resp: 1883502

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.1 8.4 12.6



#80

Butylbenzylphthalate

Concen: 56.791 ng

RT: 20.173 min Scan# 2993

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

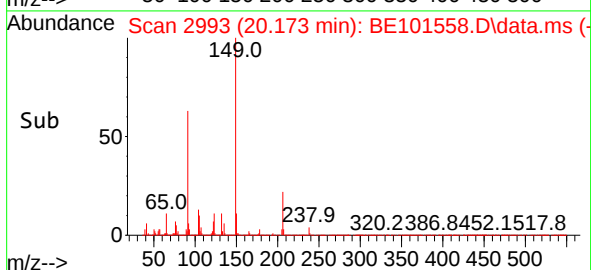
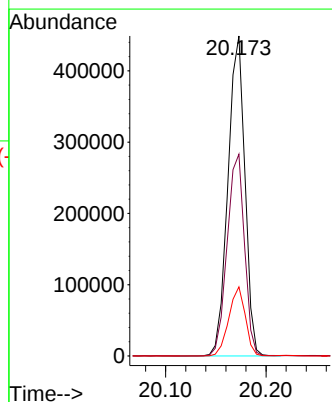
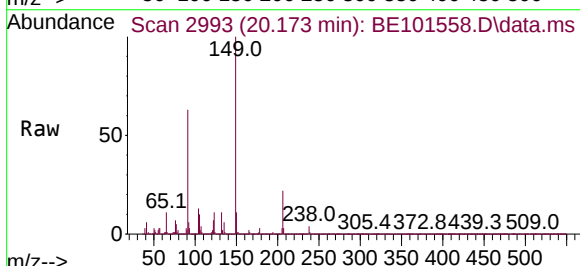
Tgt Ion:149 Resp: 525607

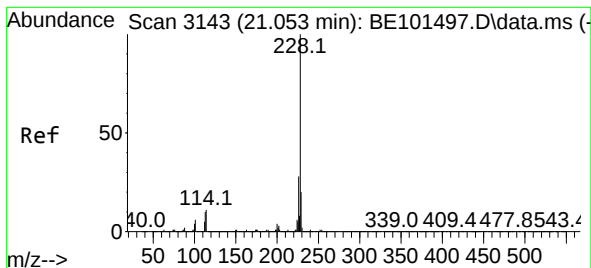
Ion Ratio Lower Upper

149 100

91 63.0 49.2 73.8

206 21.6 17.4 26.2





#81

Benzo(a)anthracene

Concen: 58.929 ng

RT: 21.048 min Scan# 31

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

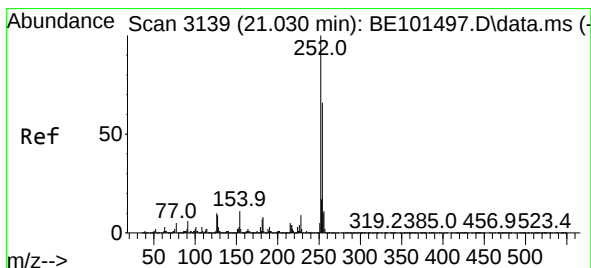
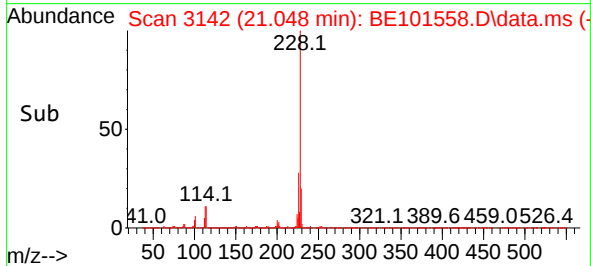
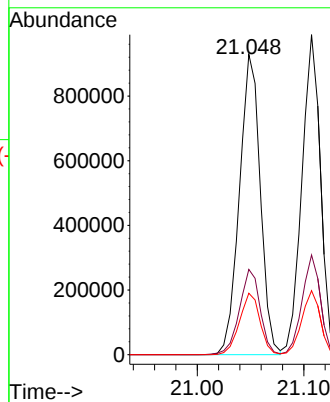
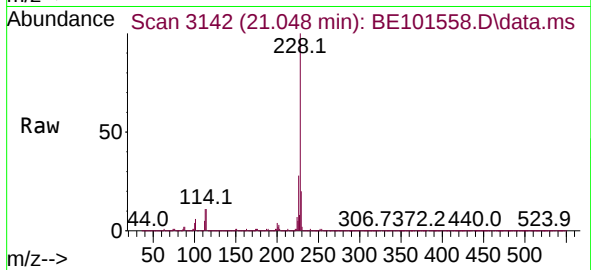
Tgt Ion:228 Resp: 1266776

Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

229 20.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 44.432 ng

RT: 21.025 min Scan# 3138

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

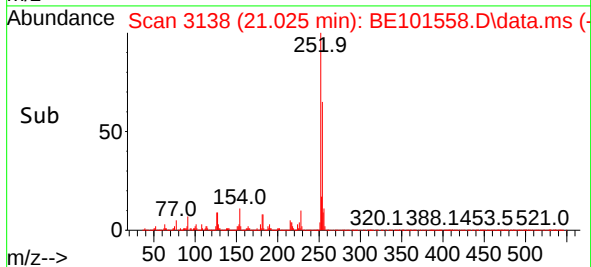
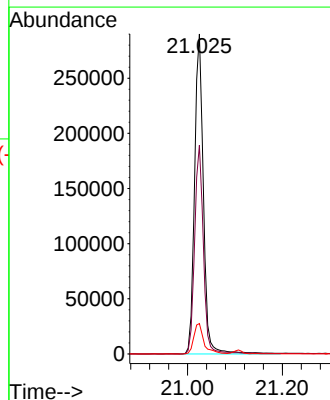
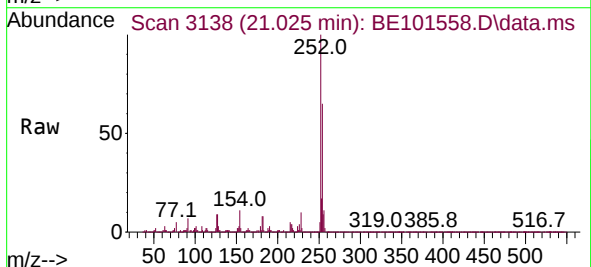
Tgt Ion:252 Resp: 375992

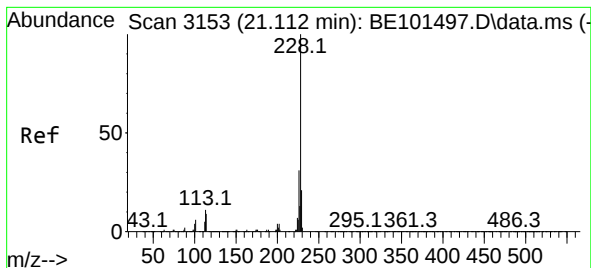
Ion Ratio Lower Upper

252 100

254 65.3 52.9 79.3

126 9.5 7.8 11.6





#83

Chrysene

Concen: 59.530 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

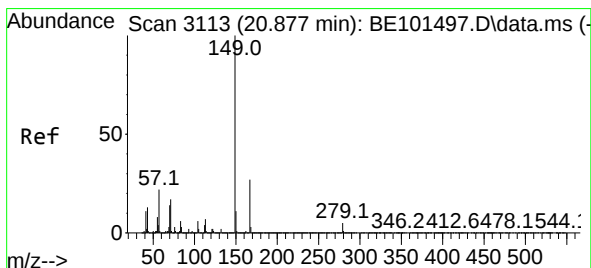
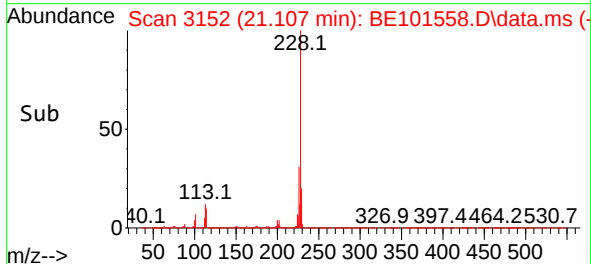
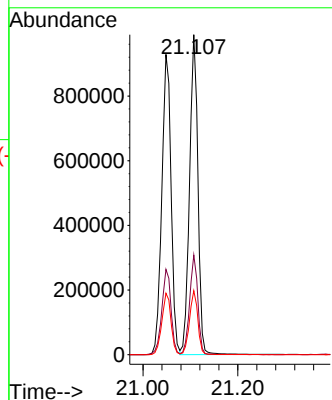
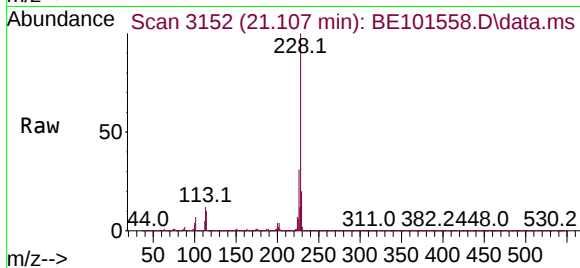
Tgt Ion:228 Resp: 1216349

Ion Ratio Lower Upper

228 100

226 31.1 25.1 37.7

229 20.0 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.787 ng

RT: 20.872 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

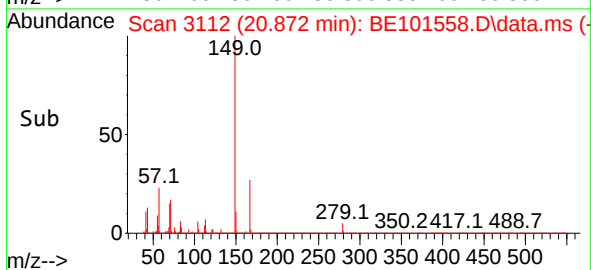
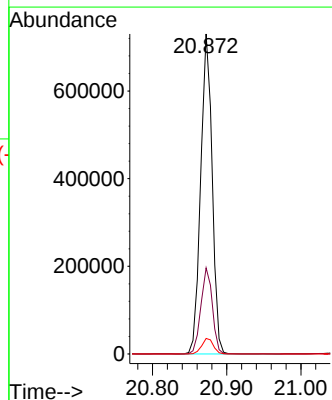
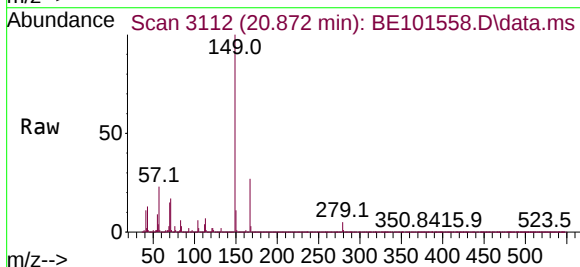
Tgt Ion:149 Resp: 780612

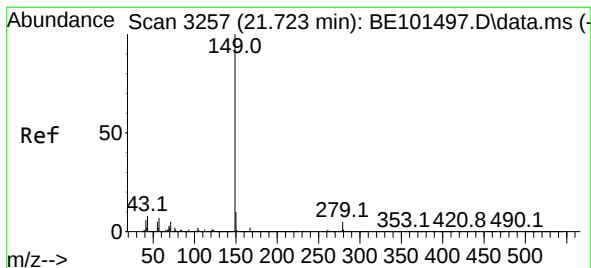
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 57.891 ng

RT: 21.718 min Scan# 31

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

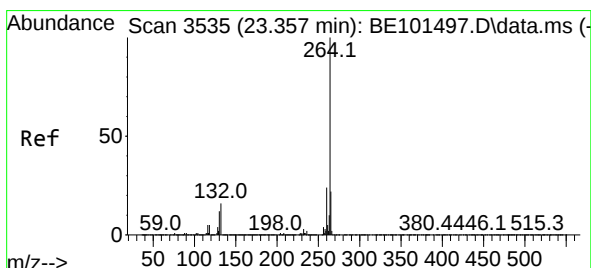
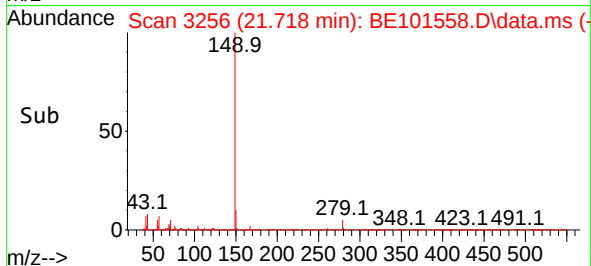
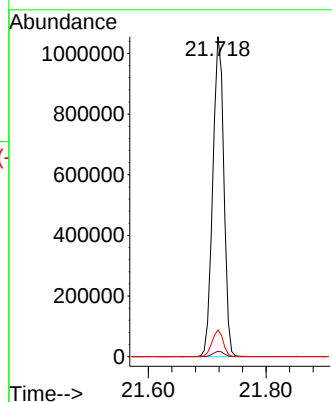
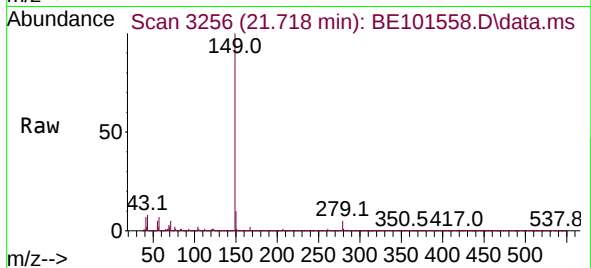
Tgt Ion:149 Resp: 1370403

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 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: BE101558.D

Acq: 8 Nov 2024 18:43

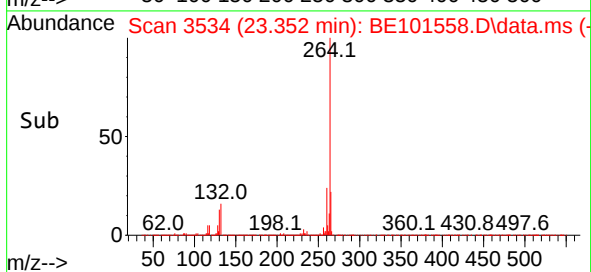
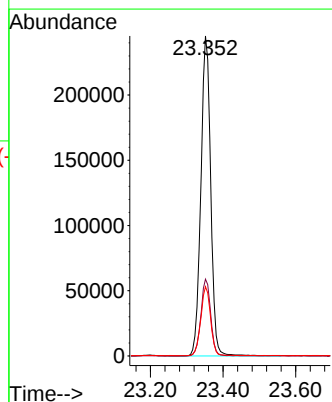
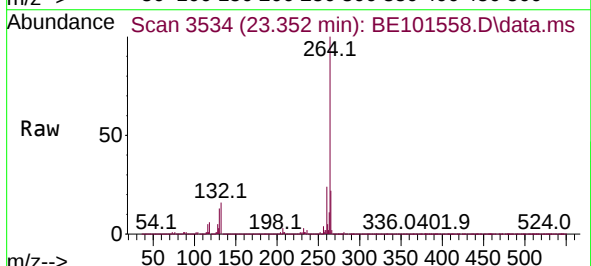
Tgt Ion:264 Resp: 460616

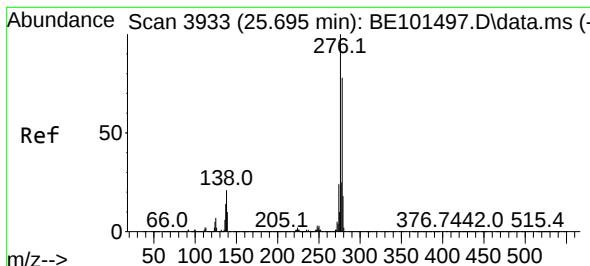
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.647 ng

RT: 25.690 min Scan# 3933

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

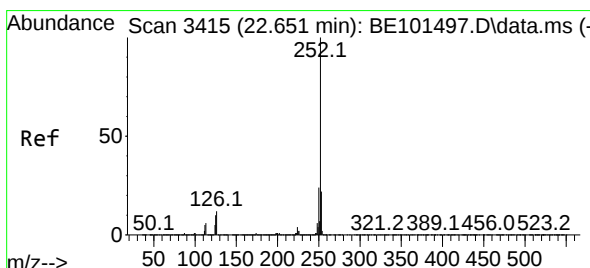
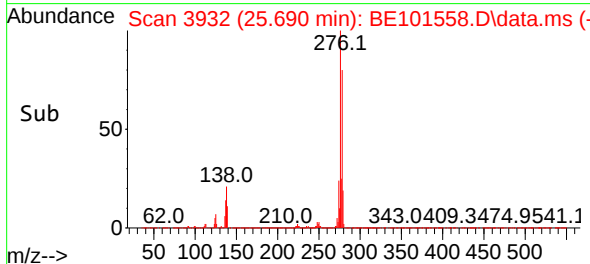
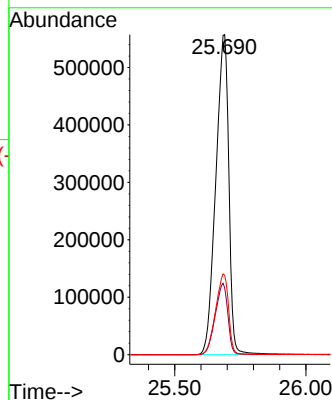
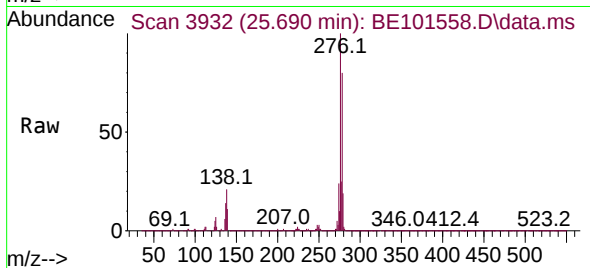
Tgt Ion:276 Resp: 1919702

Ion Ratio Lower Upper

276 100

138 21.6 17.0 25.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 57.436 ng

RT: 22.647 min Scan# 3414

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

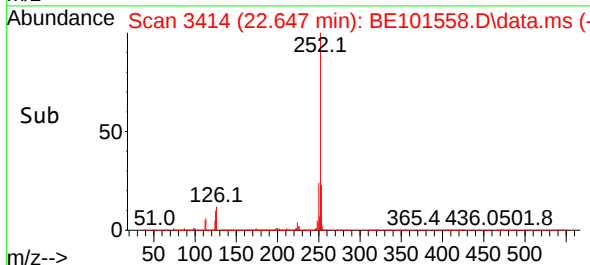
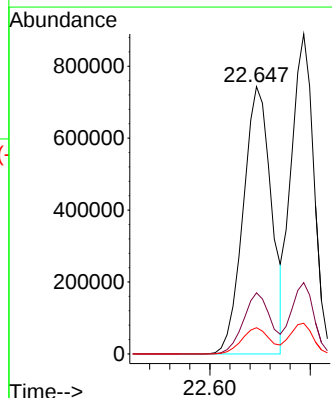
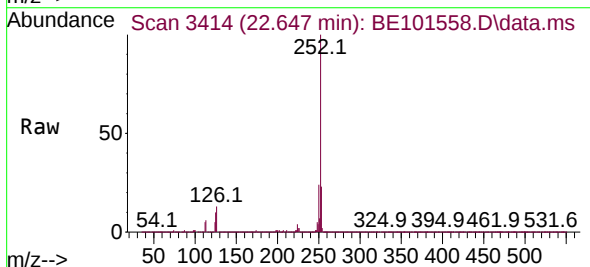
Tgt Ion:252 Resp: 1451469

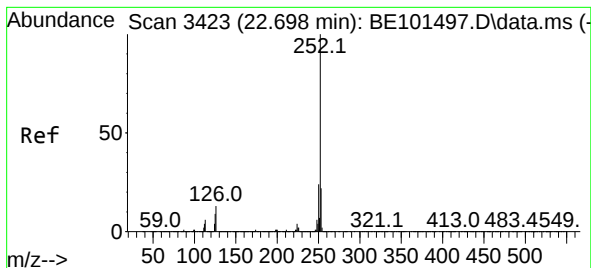
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 9.8 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 61.072 ng

RT: 22.694 min Scan# 34

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

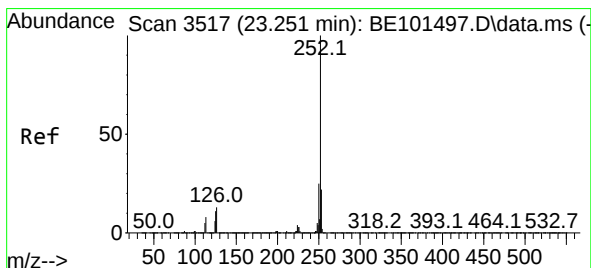
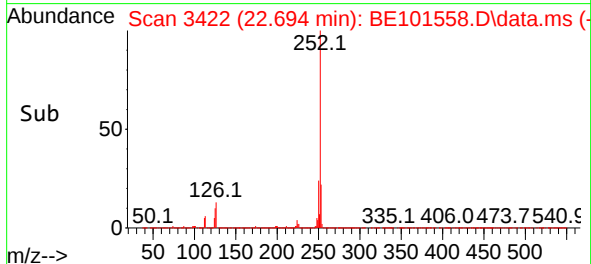
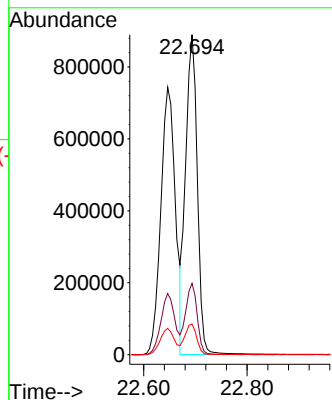
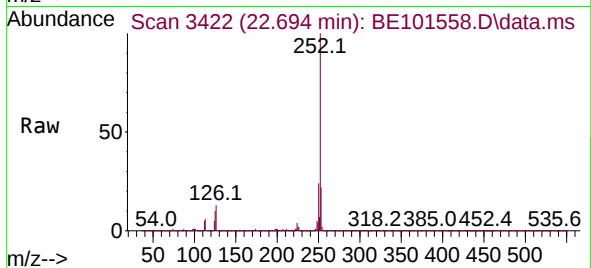
Tgt Ion:252 Resp: 1401038

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.6 7.7 11.5



#90

Benzo(a)pyrene

Concen: 62.576 ng

RT: 23.252 min Scan# 3517

Delta R.T. 0.001 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

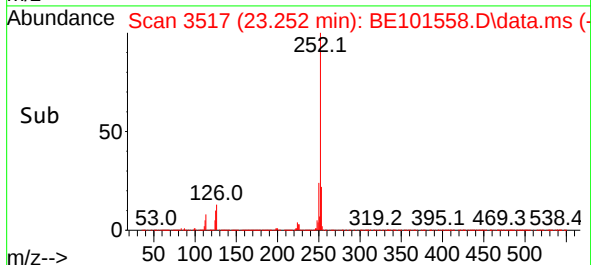
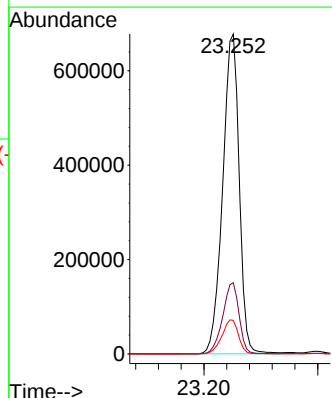
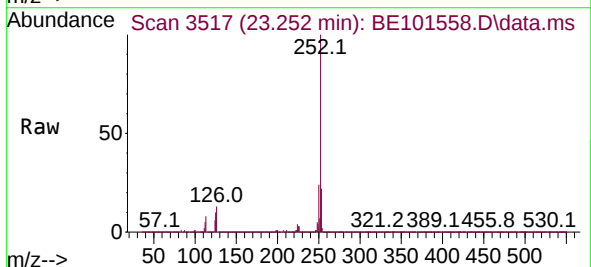
Tgt Ion:252 Resp: 1365269

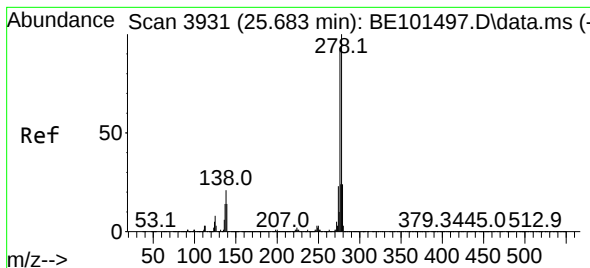
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 60.588 ng

RT: 25.678 min Scan# 3931

Delta R.T. -0.005 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Instrument :

BNA_E

ClientSampleId :

TP-14MSD

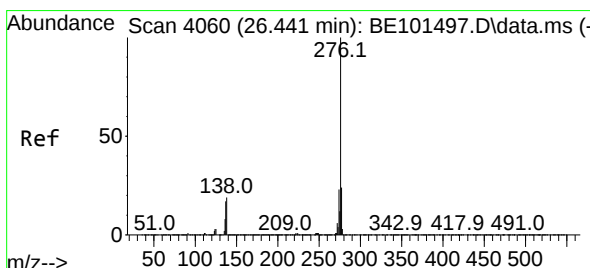
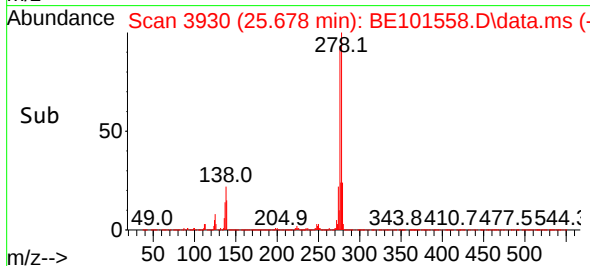
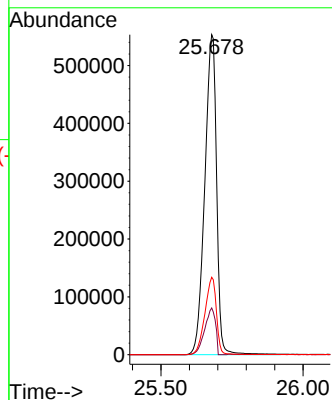
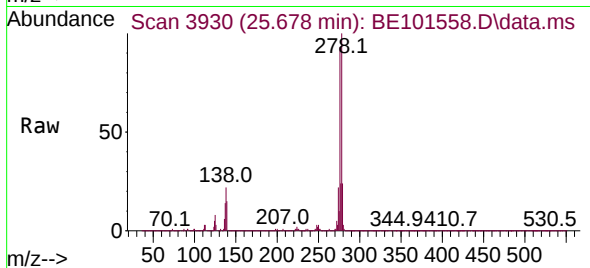
Tgt Ion:278 Resp: 1597212

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.365 ng

RT: 26.430 min Scan# 4058

Delta R.T. -0.011 min

Lab File: BE101558.D

Acq: 8 Nov 2024 18:43

Tgt Ion:276 Resp: 1429247

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 19.4 15.3 22.9

