

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101526.D
 Acq On : 7 Nov 2024 12:02
 Operator : RC/JU
 Sample : PB164711BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164711BS

Quant Time: Nov 07 11:52:29 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	7.565	152	61928	20.000	ng	0.00
21) Naphthalene-d8	10.332	136	260723	20.000	ng	0.00
39) Acenaphthene-d10	14.175	164	157194	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	329635	20.000	ng	0.00
76) Chrysene-d12	21.078	240	398877	20.000	ng	0.00
86) Perylene-d12	23.364	264	597010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	546383	156.004	ng	0.00
7) Phenol-d6	6.954	99	672802	140.108	ng	0.00
23) Nitrobenzene-d5	8.775	82	411706	99.743	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	410691	138.845	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	995109	103.364	ng	0.00
79) Terphenyl-d14	19.504	244	1811097	100.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	51935	39.847	ng	99
3) Pyridine	3.610	79	141740	38.885	ng	97
4) n-Nitrosodimethylamine	3.540	42	74197	51.403	ng	95
6) Aniline	7.001	93	241101	66.896	ng	98
8) 2-Chlorophenol	7.212	128	208598	50.272	ng	99
9) Benzaldehyde	6.771	77	23453	9.985	ng	98
10) Phenol	6.977	94	266774	51.037	ng	97
11) bis(2-Chloroethyl)ether	7.030	93	170226	39.340	ng	99
12) 1,3-Dichlorobenzene	7.447	146	212062	46.813	ng	98
13) 1,4-Dichlorobenzene	7.600	146	219141	47.760	ng	99
14) 1,2-Dichlorobenzene	7.923	146	212388	47.156	ng	99
15) Benzyl Alcohol	7.905	79	140305	50.018	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.058	45	257335	50.240	ng	97
17) 2-Methylphenol	8.152	107	167386	49.463	ng	99
18) Hexachloroethane	8.616	117	75394	48.656	ng	99
19) n-Nitroso-di-n-propyla...	8.364	70	144514	45.642	ng	98
20) 3+4-Methylphenols	8.493	107	223283	47.585	ng	99
22) Acetophenone	8.417	105	287871	48.754	ng	# 99
24) Nitrobenzene	8.816	77	208321	48.523	ng	97
25) Isophorone	9.263	82	385764	48.024	ng	97
26) 2-Nitrophenol	9.504	139	116919	51.174	ng	100
27) 2,4-Dimethylphenol	9.621	122	163479	61.840	ng	98
28) bis(2-Chloroethoxy)met...	9.762	93	237835	48.369	ng	100
29) 2,4-Dichlorophenol	10.056	162	191128	50.929	ng	98
30) 1,2,4-Trichlorobenzene	10.179	180	194850	46.510	ng	98
31) Naphthalene	10.379	128	630914	47.933	ng	100
32) Benzoic acid	9.897	122	93820	39.408	ng	99
33) 4-Chloroaniline	10.602	127	130337	28.159	ng	99
34) Hexachlorobutadiene	10.626	225	125244	48.503	ng	99
35) Caprolactam	11.390	113	25641	18.606	ng	94
36) 4-Chloro-3-methylphenol	11.789	107	187051	45.643	ng	99
37) 2-Methylnaphthalene	11.971	142	434194	46.444	ng	99
38) 1-Methylnaphthalene	12.200	142	400022	42.906	ng	99
40) 1,2,4,5-Tetrachloroben...	12.330	216	215401	51.974	ng	98
41) Hexachlorocyclopentadiene	12.312	237	295336	244.199	ng	99
43) 2,4,6-Trichlorophenol	12.653	196	152953	53.739	ng	99

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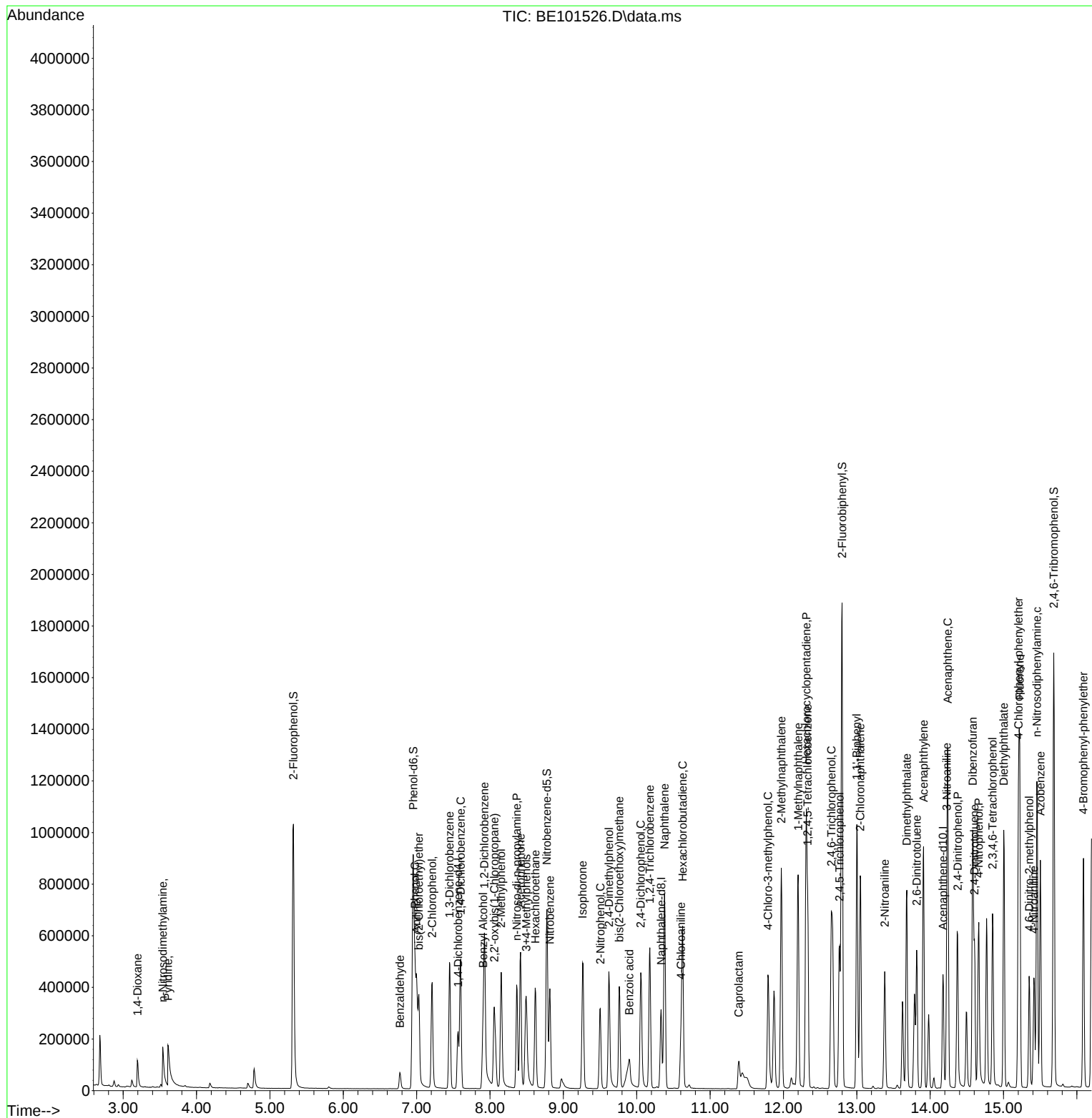
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.764	196	164908	52.006	ng	99
46) 1,1'-Biphenyl	12.999	154	549738	50.699	ng	100
47) 2-Chloronaphthalene	13.046	162	429535	50.225	ng	99
48) 2-Nitroaniline	13.381	65	122469	54.099	ng	96
49) Acenaphthylene	13.910	152	685710	53.804	ng	99
50) Dimethylphthalate	13.681	163	550266	49.158	ng	100
51) 2,6-Dinitrotoluene	13.816	165	121083	46.866	ng	98
52) Acenaphthene	14.239	154	415753	51.121	ng	99
53) 3-Nitroaniline	14.227	138	86232	34.381	ng	99
54) 2,4-Dinitrophenol	14.374	184	159418	105.294	ng	98
55) Dibenzofuran	14.580	168	655860	50.079	ng	99
56) 4-Nitrophenol	14.662	139	216392	104.481	ng	96
57) 2,4-Dinitrotoluene	14.603	165	172063	47.405	ng	96
58) Fluorene	15.220	166	535900	49.032	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.850	232	147161	50.155	ng	98
60) Diethylphthalate	15.003	149	562675	47.673	ng	99
61) 4-Chlorophenyl-phenyle...	15.203	204	266799	48.071	ng	99
62) 4-Nitroaniline	15.414	138	130214	48.187	ng	97
63) Azobenzene	15.502	77	484712	50.339	ng	99
65) 4,6-Dinitro-2-methylph...	15.350	198	107883	55.134	ng	96
66) n-Nitrosodiphenylamine	15.455	169	470622	53.798	ng	100
67) 4-Bromophenyl-phenylether	16.090	248	185330	50.976	ng	99
68) Hexachlorobenzene	16.202	284	239527	50.060	ng	99
69) Atrazine	16.390	200	157622	61.030	ng	97
70) Pentachlorophenol	16.613	266	274216	105.624	ng	99
71) Phenanthrene	16.954	178	840142	52.403	ng	99
72) Anthracene	17.042	178	877643	55.433	ng	100
73) Carbazole	17.371	167	811124	51.087	ng	100
74) Di-n-butylphthalate	17.817	149	1011504	51.588	ng	100
75) Fluoranthene	18.963	202	1027924	50.006	ng	100
77) Benzidine	19.216	184	558403	65.171	ng	99
78) Pyrene	19.333	202	1087976	47.938	ng	100
80) Butylbenzylphthalate	20.173	149	495051	48.538	ng	96
81) Benzo(a)anthracene	21.055	228	1250431	52.784	ng	100
82) 3,3'-Dichlorobenzidine	21.031	252	490013	52.546	ng	98
83) Chrysene	21.113	228	1200091	53.297	ng	100
84) Bis(2-ethylhexyl)phtha...	20.878	149	743811	48.236	ng	99
85) Di-n-octyl phthalate	21.725	149	1415618	54.266	ng	100
87) Indeno(1,2,3-cd)pyrene	25.714	276	2192010	53.429	ng	100
88) Benzo(b)fluoranthene	22.659	252	1553173	47.419	ng	100
89) Benzo(k)fluoranthene	22.700	252	1587100	53.377	ng	100
90) Benzo(a)pyrene	23.258	252	1538755	54.415	ng	99
91) Dibenzo(a,h)anthracene	25.702	278	1808041	52.917	ng	100
92) Benzo(g,h,i)perylene	26.454	276	1657757	47.756	ng	99

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

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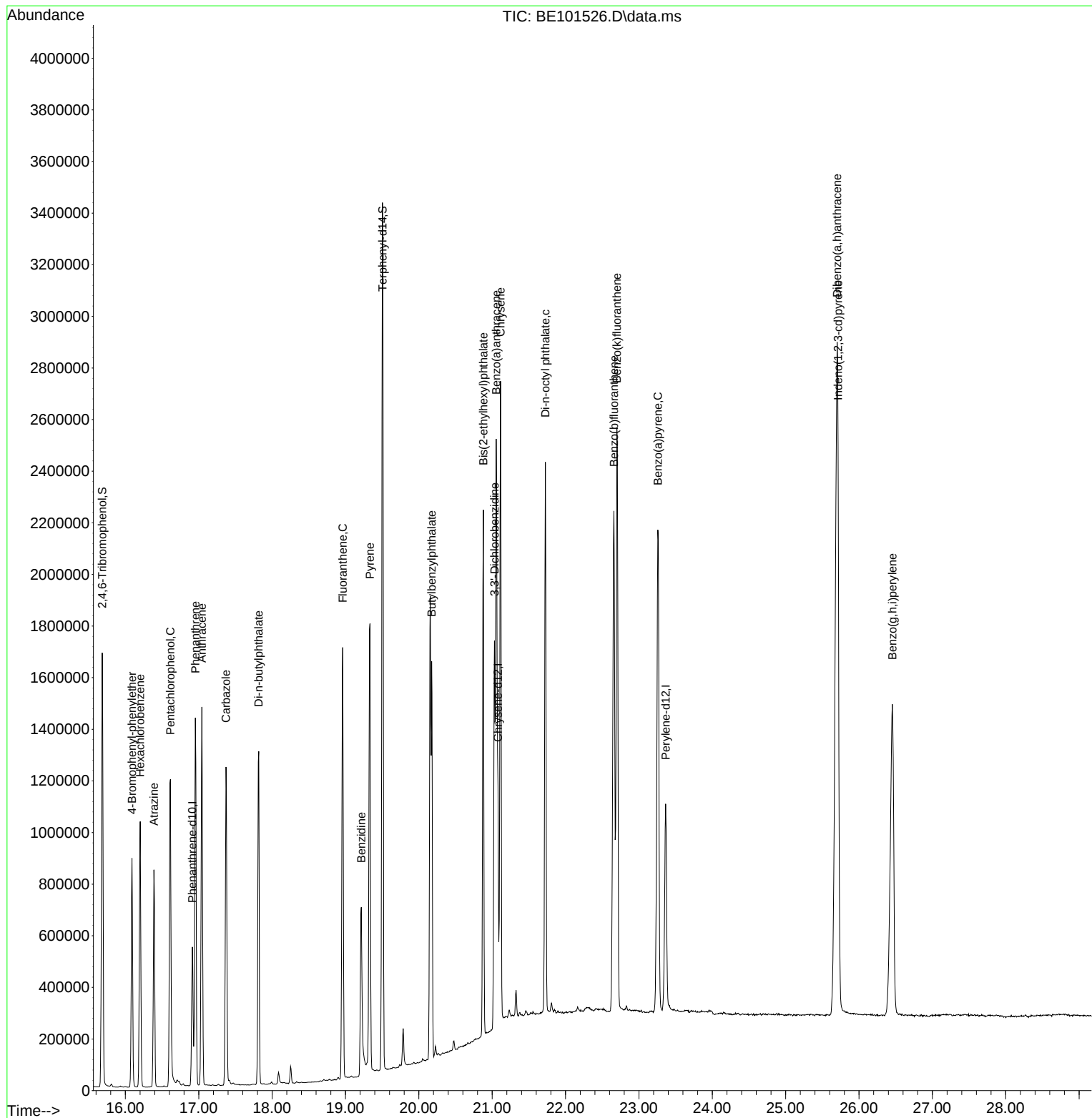
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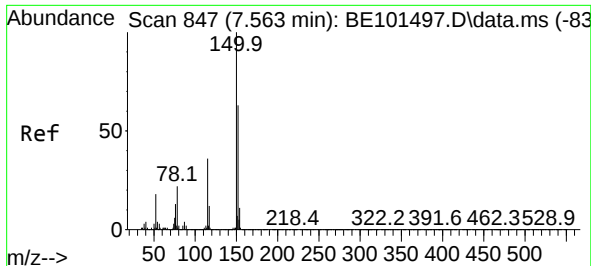


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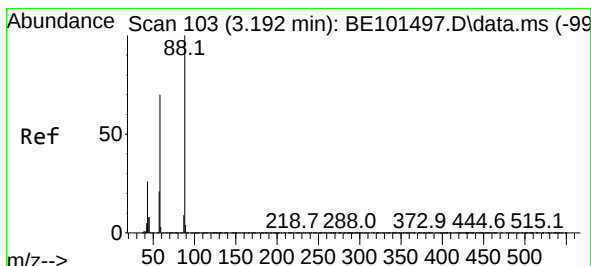
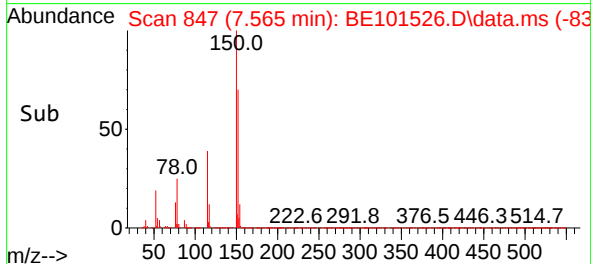
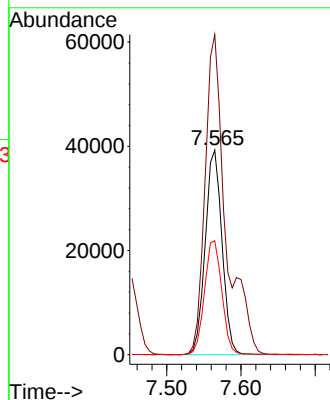
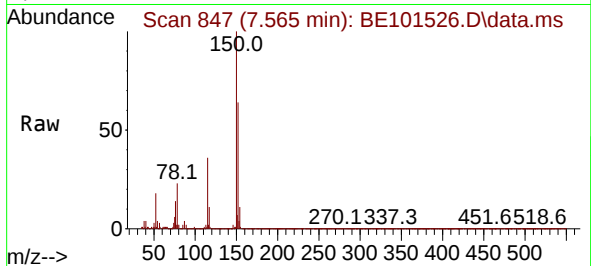




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.565 min Scan# 847
Delta R.T. 0.002 min
Lab File: BE101526.D
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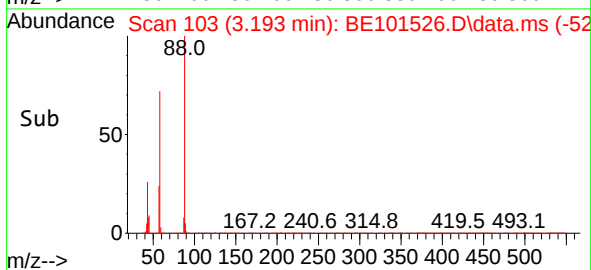
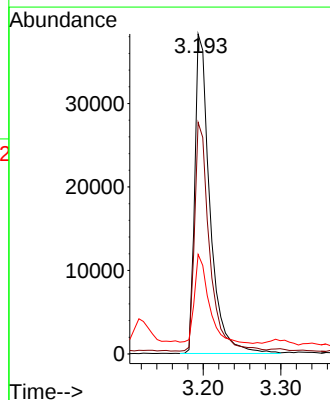
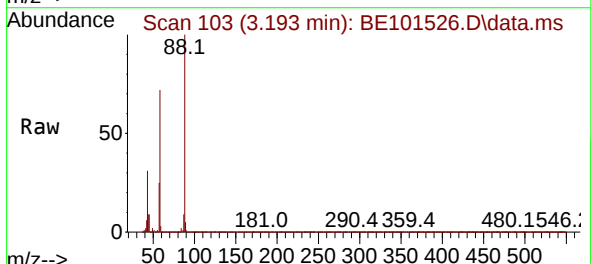
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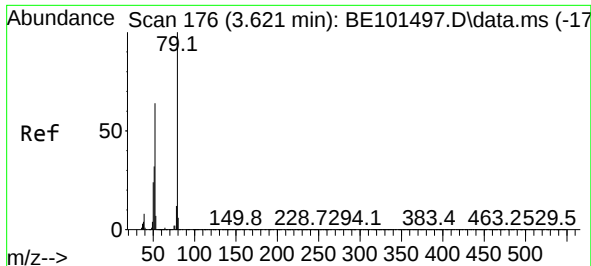
Tgt Ion:152 Resp: 61928
Ion Ratio Lower Upper
152 100
150 156.4 126.3 189.5
115 55.7 45.0 67.4



#2
1,4-Dioxane
Concen: 39.847 ng
RT: 3.193 min Scan# 103
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 88 Resp: 51935
Ion Ratio Lower Upper
88 100
58 70.4 56.5 84.7
43 27.0 20.8 31.2

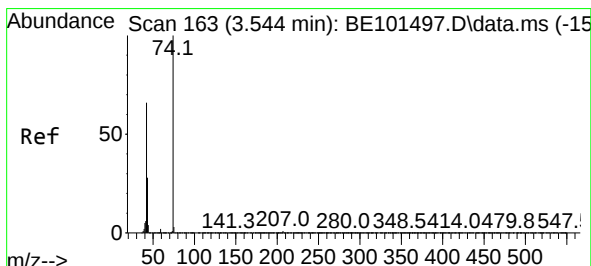
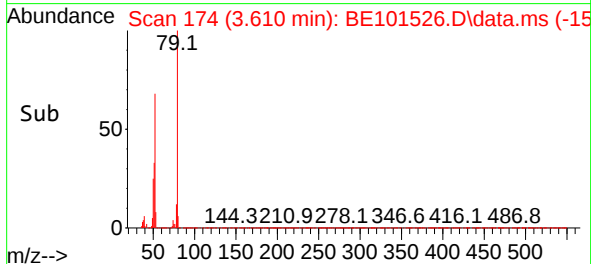
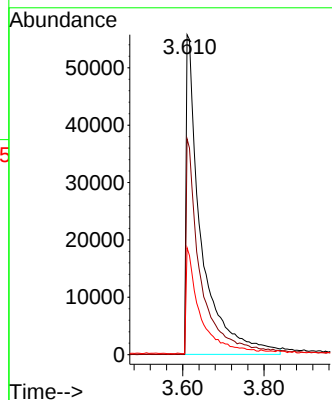
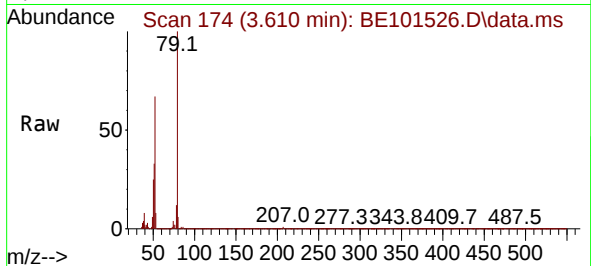




#3
Pyridine
Concen: 38.885 ng
RT: 3.610 min Scan# 11
Delta R.T. -0.010 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

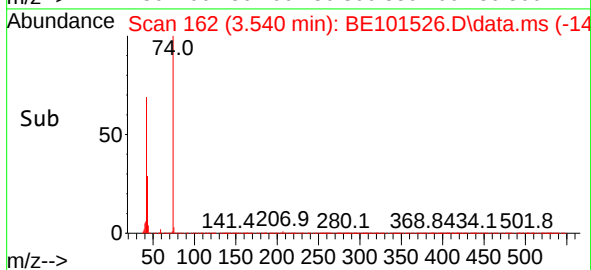
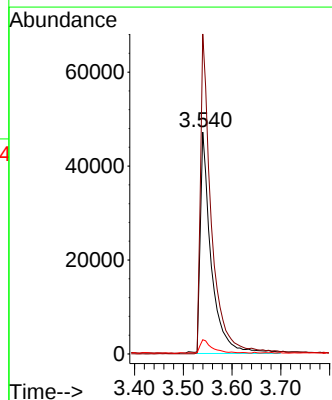
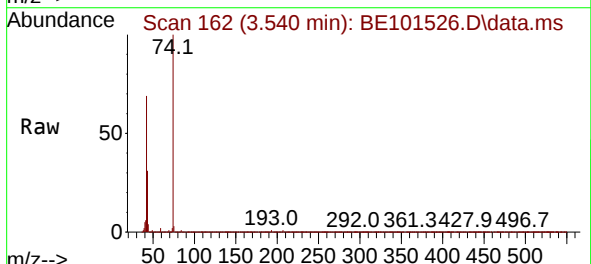
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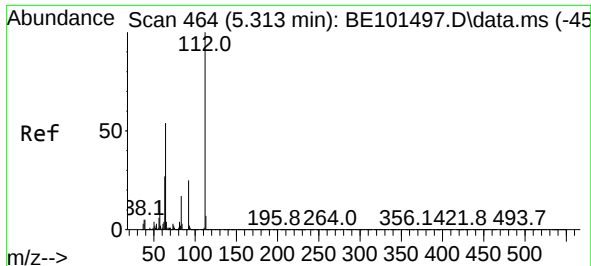
Tgt Ion: 79 Resp: 141740
Ion Ratio Lower Upper
79 100
52 67.4 51.1 76.7
51 33.4 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 51.403 ng
RT: 3.540 min Scan# 162
Delta R.T. -0.004 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 42 Resp: 74197
Ion Ratio Lower Upper
42 100
74 144.2 120.1 180.1
44 6.4 5.8 8.6

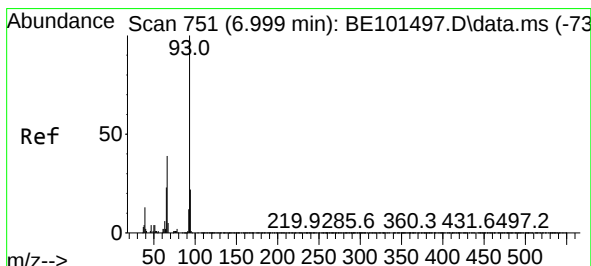
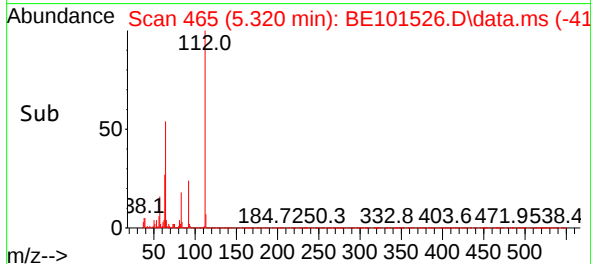
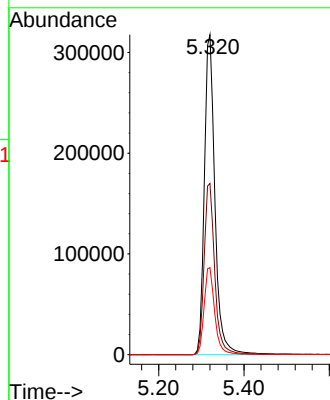
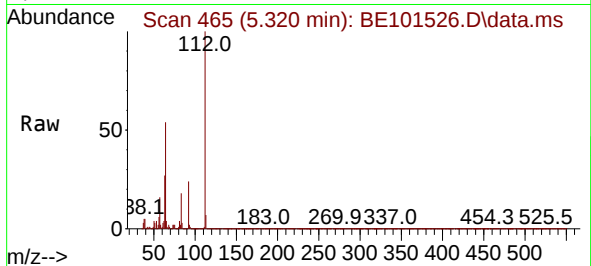




#5
2-Fluorophenol
Concen: 156.004 ng
RT: 5.320 min Scan# 464
Delta R.T. 0.007 min
Lab File: BE101526.D
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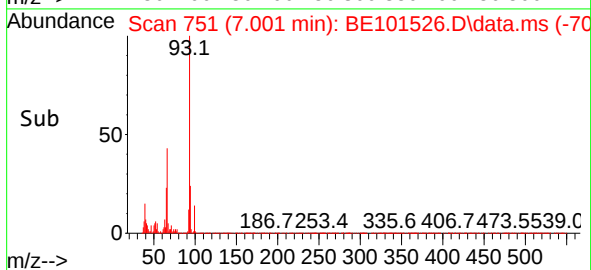
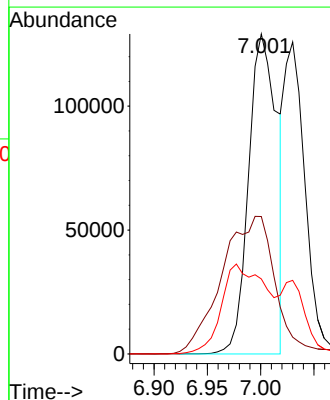
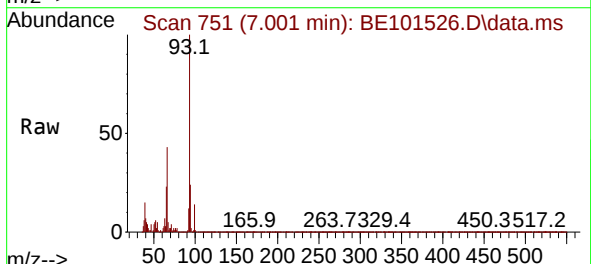
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Tgt Ion:112 Resp: 546383
Ion Ratio Lower Upper
112 100
64 53.5 43.2 64.8
63 27.2 21.8 32.6



#6
Aniline
Concen: 66.896 ng
RT: 7.001 min Scan# 751
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 93 Resp: 241101
Ion Ratio Lower Upper
93 100
66 42.9 33.4 50.0
65 23.5 18.5 27.7





#7

Phenol-d6

Concen: 140.108 ng

RT: 6.954 min Scan# 742

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

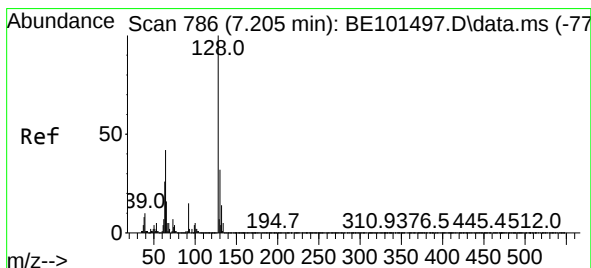
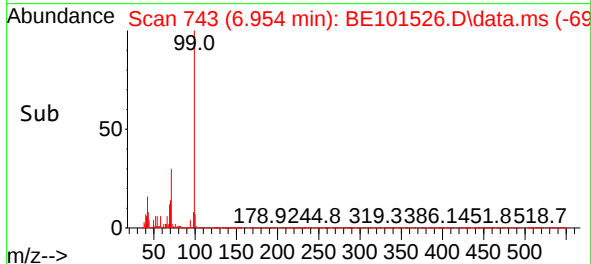
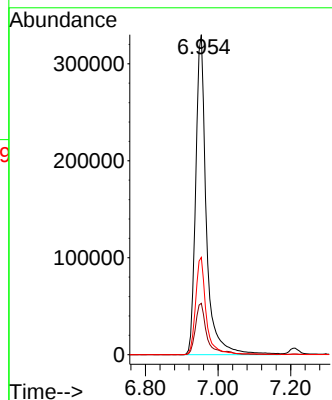
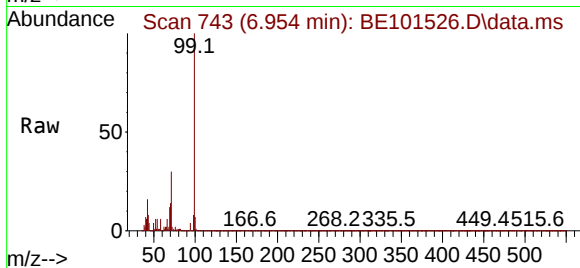
Tgt Ion: 99 Resp: 672802

Ion Ratio Lower Upper

99 100

42 16.0 12.5 18.7

71 30.4 24.2 36.2



#8

2-Chlorophenol

Concen: 50.272 ng

RT: 7.212 min Scan# 787

Delta R.T. 0.007 min

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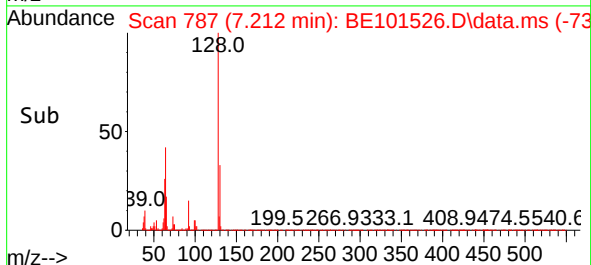
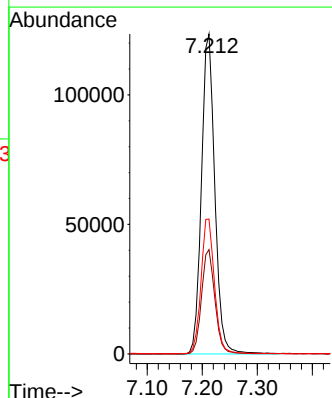
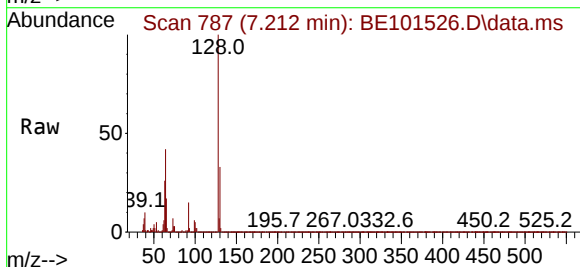
Tgt Ion:128 Resp: 208598

Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 42.1 22.0 62.0

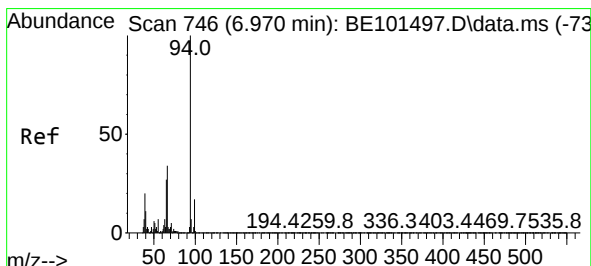
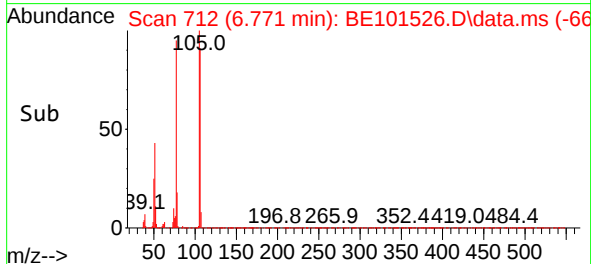
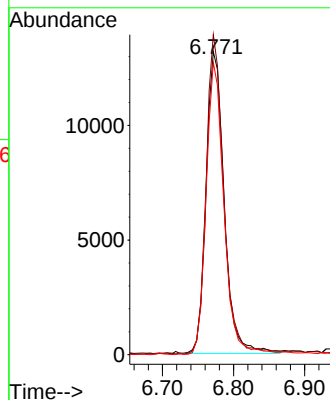
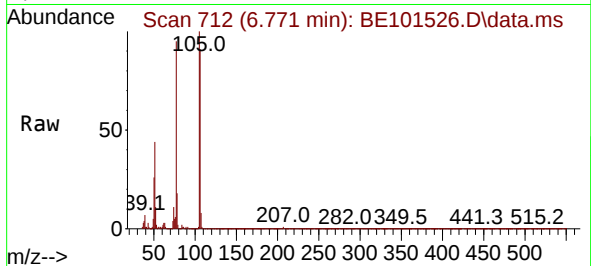




#9
Benzaldehyde
Concen: 9.985 ng
RT: 6.771 min Scan# 712
Delta R.T. 0.001 min
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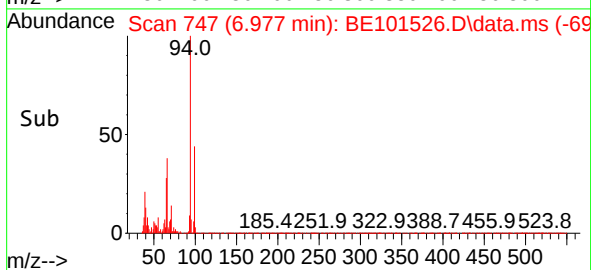
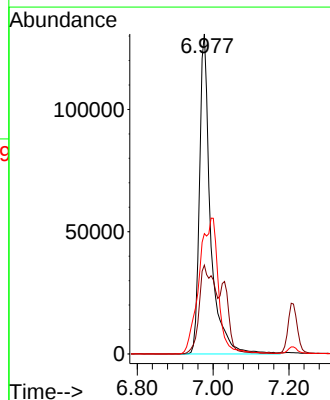
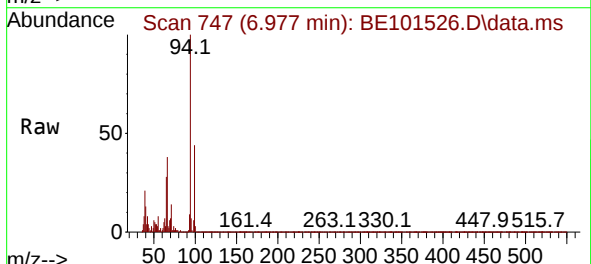
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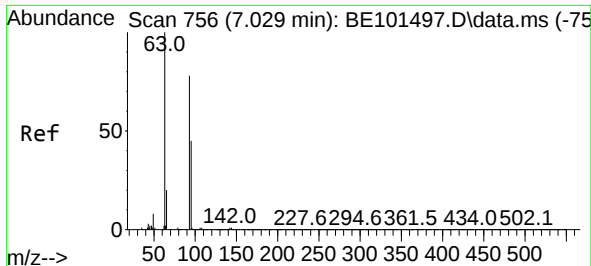
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Ion Ratio Lower Upper
77 100
105 105.6 83.0 123.0
106 96.5 78.8 118.8



#10
Phenol
Concen: 51.037 ng
RT: 6.977 min Scan# 747
Delta R.T. 0.007 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 94 Resp: 266774
Ion Ratio Lower Upper
94 100
65 27.7 6.7 46.7
66 37.6 15.0 55.0

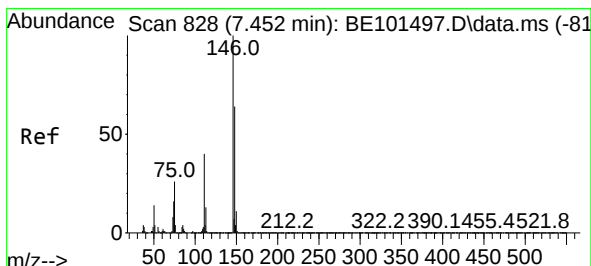
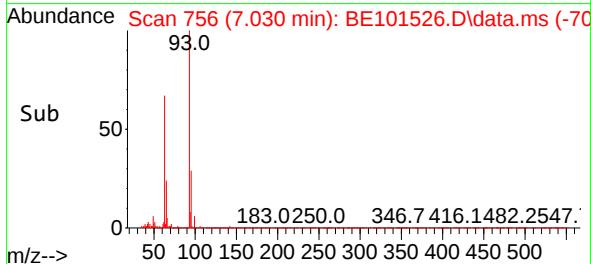
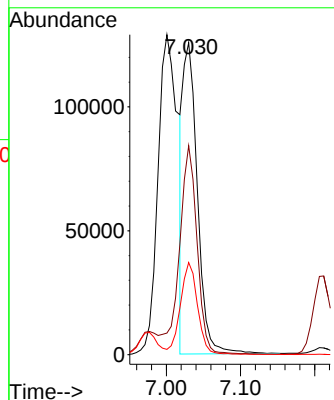
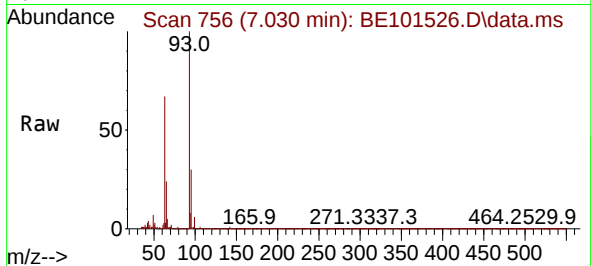




#11
bis(2-Chloroethyl)ether
Concen: 39.340 ng
RT: 7.030 min Scan# 70
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

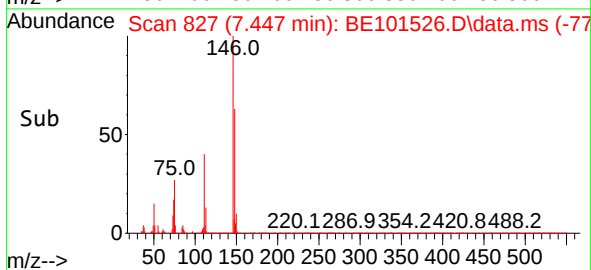
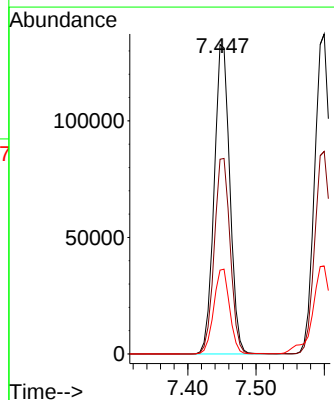
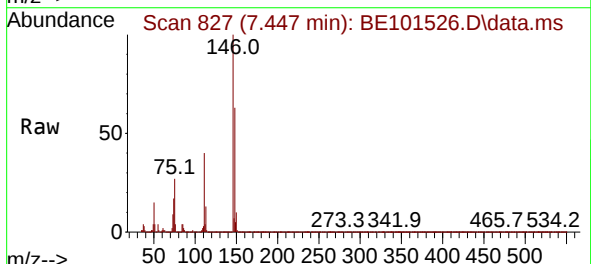
Instrument :
BNA_E
ClientSampleId :
PB164711BS

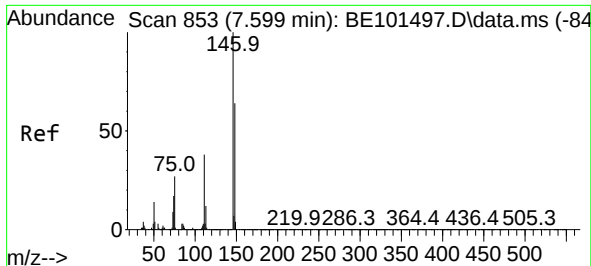
Tgt Ion: 93 Resp: 170226
Ion Ratio Lower Upper
93 100
63 67.0 46.5 86.5
95 29.5 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 46.813 ng
RT: 7.447 min Scan# 827
Delta R.T. -0.004 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 146 Resp: 212062
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 27.1 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 47.760 ng

RT: 7.600 min Scan# 81

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

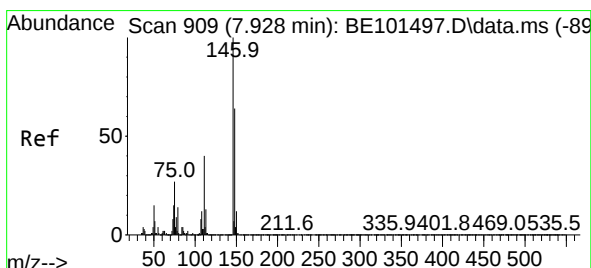
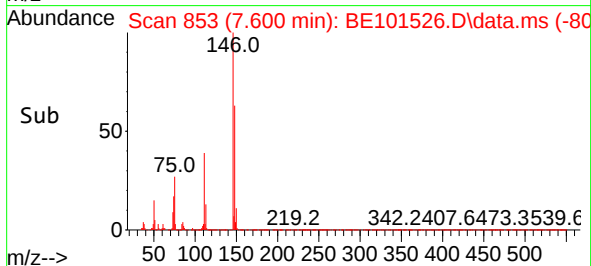
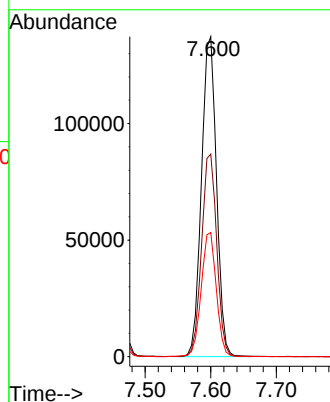
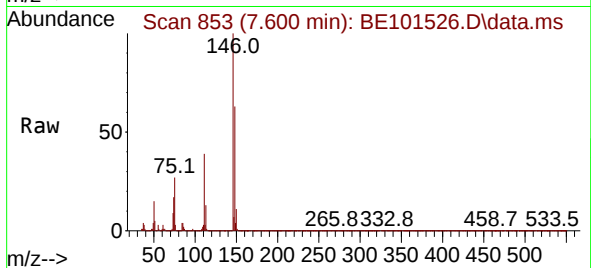
Tgt Ion:146 Resp: 219141

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

111 38.8 30.2 45.4



#14

1,2-Dichlorobenzene

Concen: 47.156 ng

RT: 7.923 min Scan# 908

Delta R.T. -0.004 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

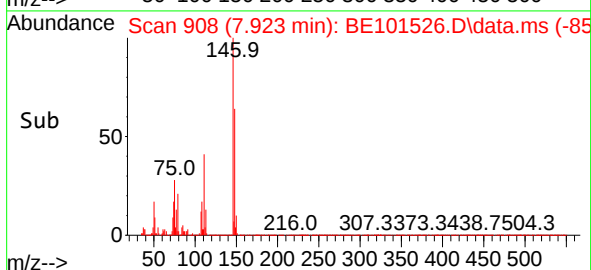
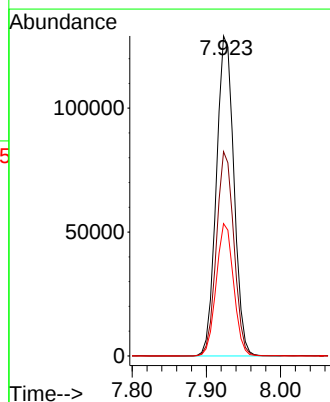
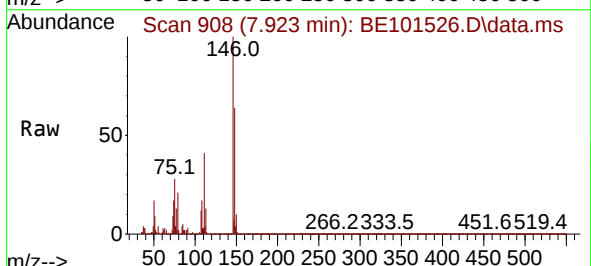
Tgt Ion:146 Resp: 212388

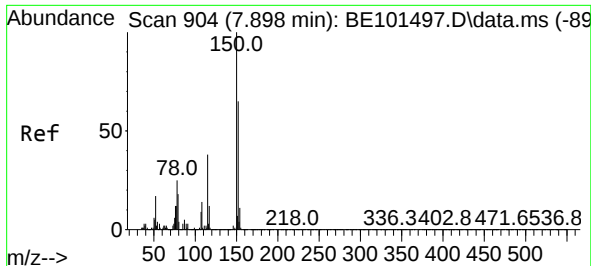
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 41.4 32.2 48.4

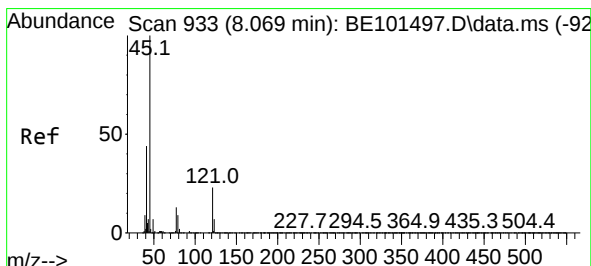
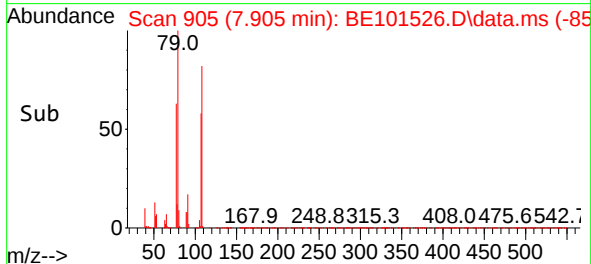
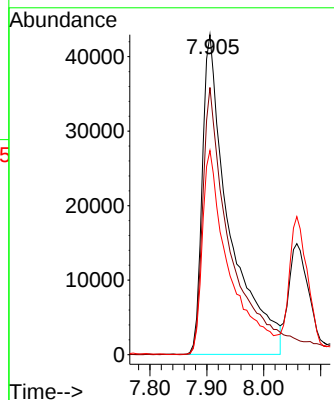
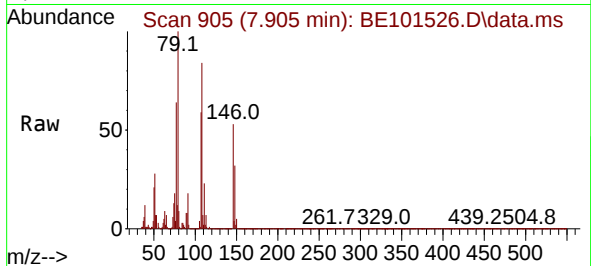




#15
Benzyl Alcohol
Concen: 50.018 ng
RT: 7.905 min Scan# 904
Delta R.T. 0.007 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

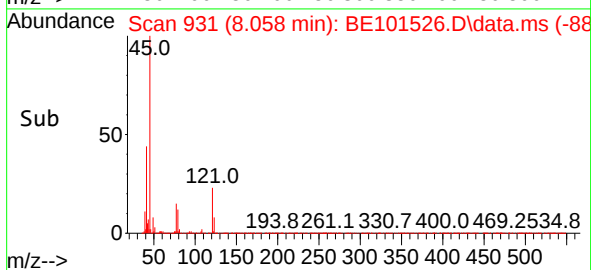
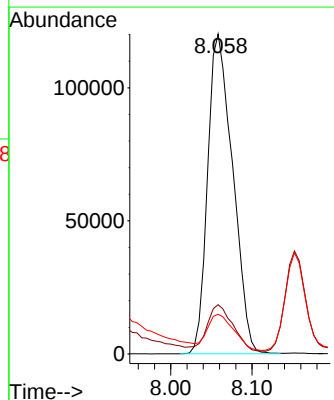
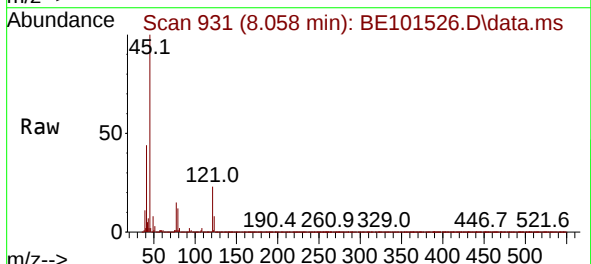
Instrument :
BNA_E
ClientSampleId :
PB164711BS

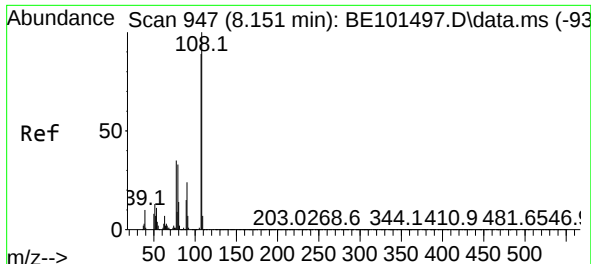
Tgt Ion: 79 Resp: 140305
Ion Ratio Lower Upper
79 100
108 83.5 63.8 95.8
77 63.8 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.240 ng
RT: 8.058 min Scan# 931
Delta R.T. -0.010 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 45 Resp: 257335
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.2
79 12.4 0.0 33.8

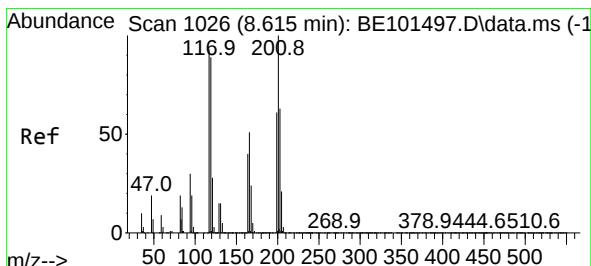
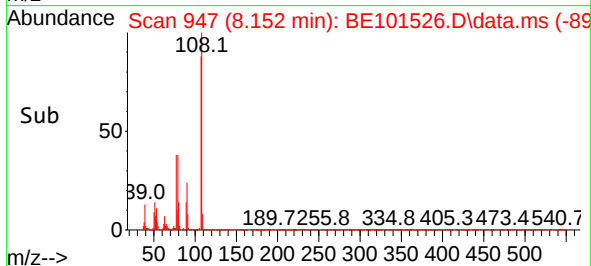
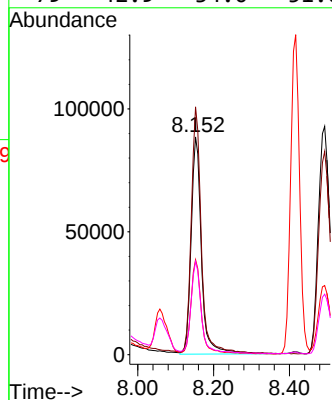
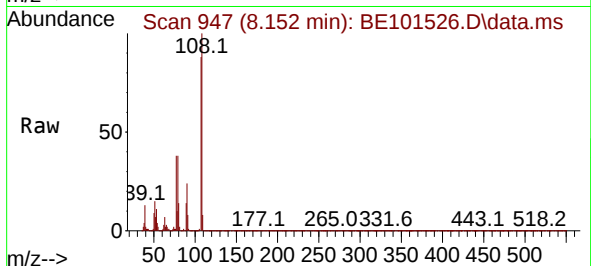




#17
2-Methylphenol
Concen: 49.463 ng
RT: 8.152 min Scan# 947
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

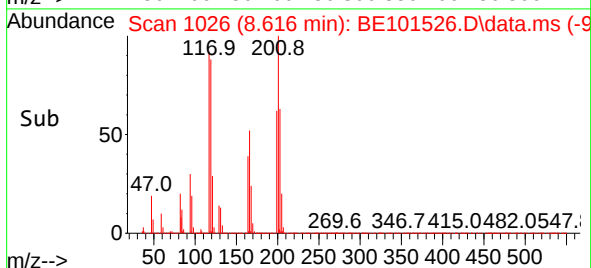
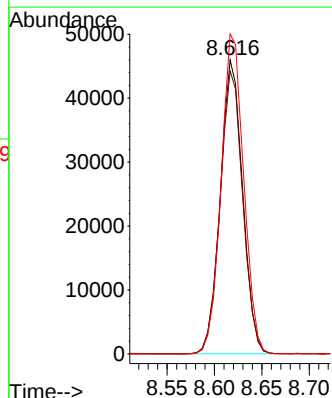
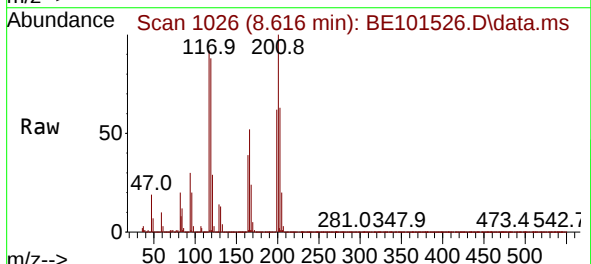
Instrument :
BNA_E
ClientSampleId :
PB164711BS

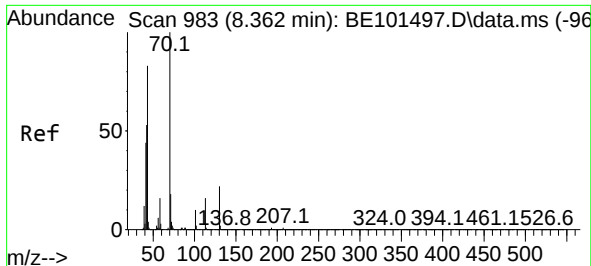
Tgt Ion:	107	Resp:	167386
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.2	135.4
77	43.7	35.1	52.7
79	42.9	34.0	51.0



#18
Hexachloroethane
Concen: 48.656 ng
RT: 8.616 min Scan# 1026
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:	117	Resp:	75394
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	108.8	86.1	129.1

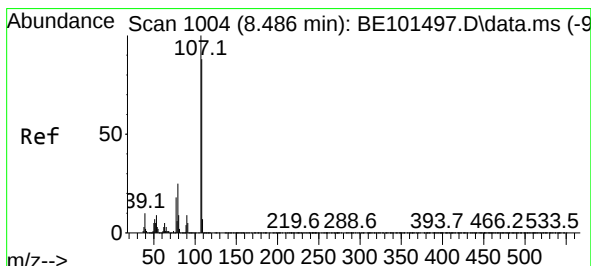
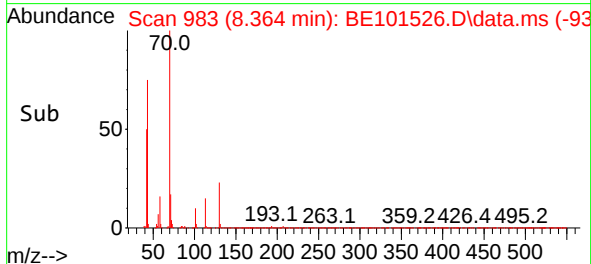
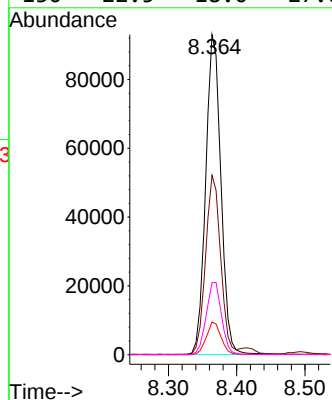
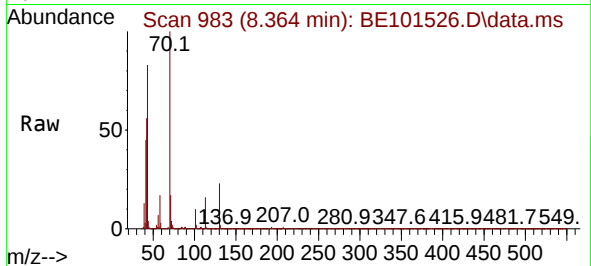




#19
n-Nitroso-di-n-propylamine
Concen: 45.642 ng
RT: 8.364 min Scan# 91
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

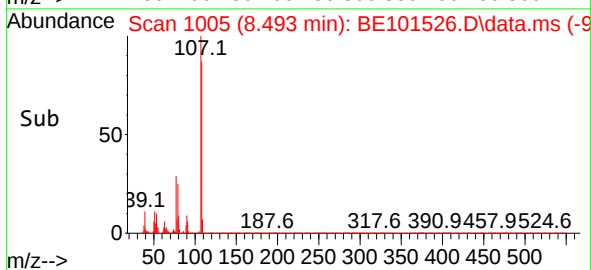
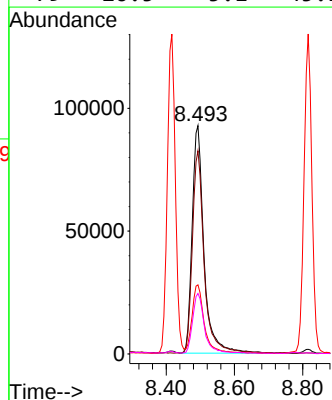
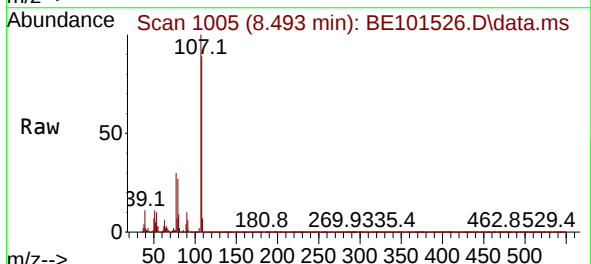
Instrument :
BNA_E
ClientSampleId :
PB164711BS

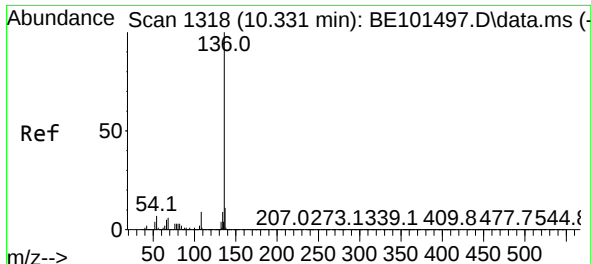
Tgt Ion: 70 Resp: 144514
Ion Ratio Lower Upper
70 100
42 56.0 42.7 64.1
101 10.2 8.2 12.2
130 22.5 18.0 27.0



#20
3+4-Methylphenols
Concen: 47.585 ng
RT: 8.493 min Scan# 1005
Delta R.T. 0.007 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 107 Resp: 223283
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 30.3 10.4 50.4
79 26.5 5.1 45.1



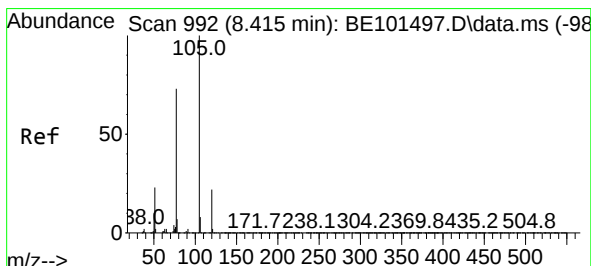
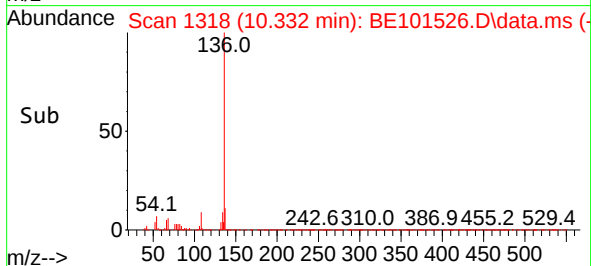
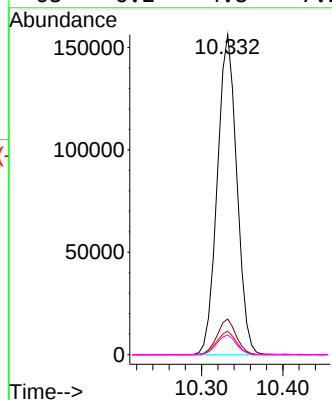
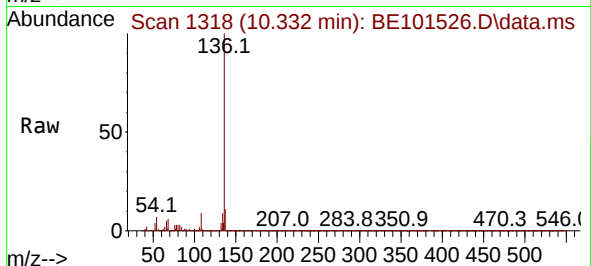


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.332 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Instrument :
BNA_E
ClientSampleId :
PB164711BS

Tgt Ion:136 Resp: 260723

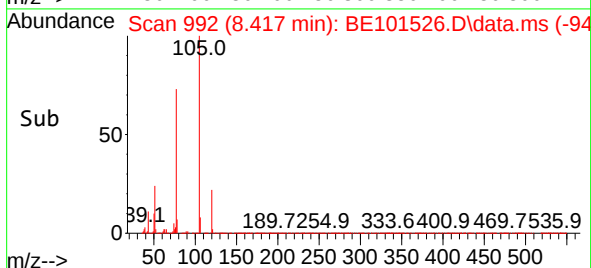
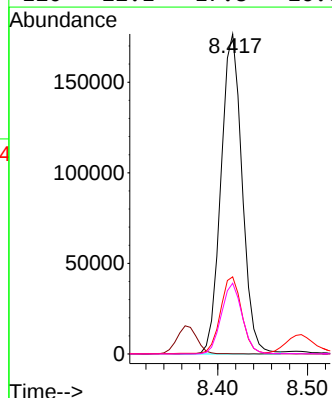
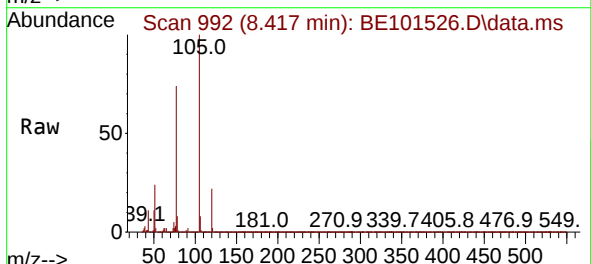
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	5.6	8.4
68	6.2	4.8	7.2

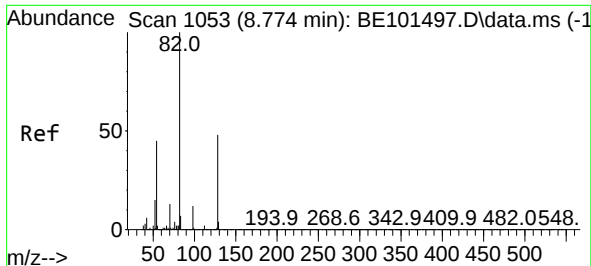


#22
Acetophenone
Concen: 48.754 ng
RT: 8.417 min Scan# 992
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:105 Resp: 287871

Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1#
51	24.1	18.7	28.1
120	22.1	17.8	26.6

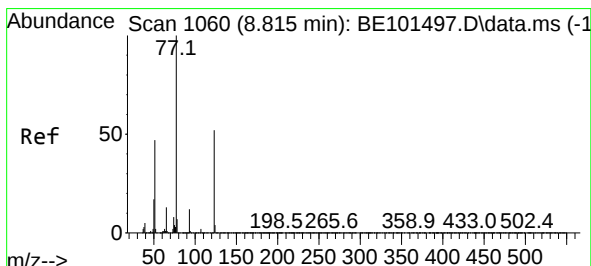
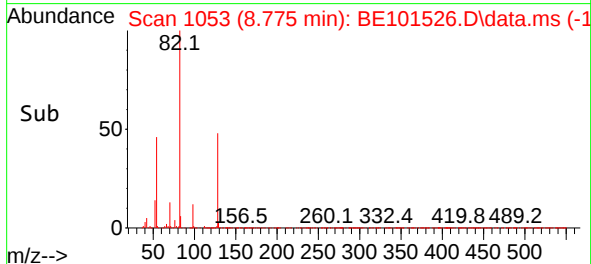
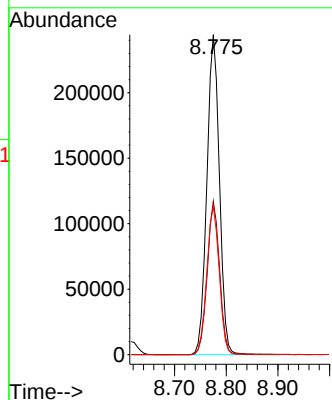
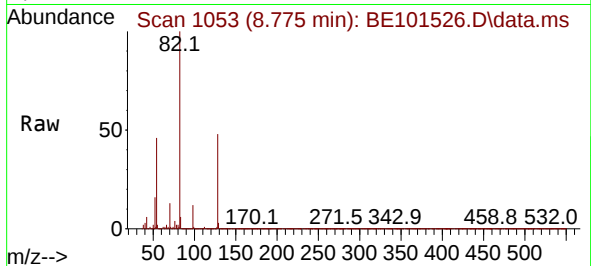




#23
Nitrobenzene-d5
Concen: 99.743 ng
RT: 8.775 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

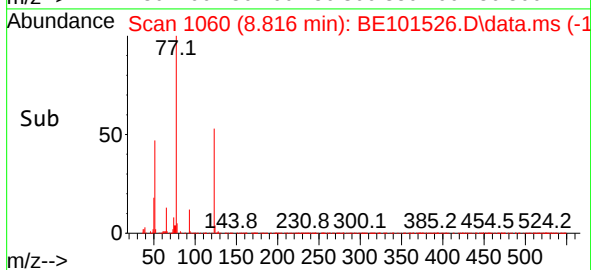
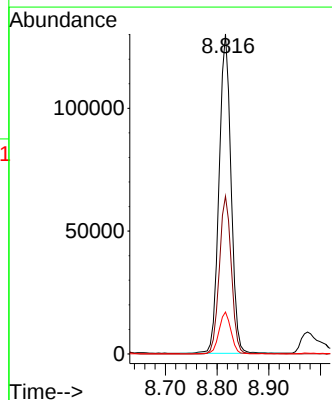
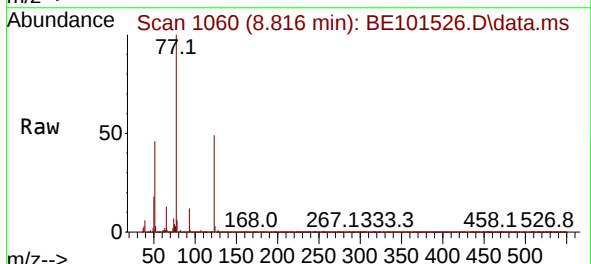
Instrument :
BNA_E
ClientSampleId :
PB164711BS

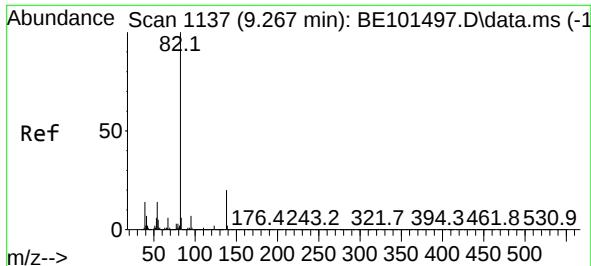
Tgt Ion: 82 Resp: 411706
Ion Ratio Lower Upper
82 100
128 48.0 38.6 58.0
54 46.3 36.3 54.5



#24
Nitrobenzene
Concen: 48.523 ng
RT: 8.816 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion: 77 Resp: 208321
Ion Ratio Lower Upper
77 100
123 49.3 41.2 61.8
65 13.1 10.3 15.5





#25

Isophorone

Concen: 48.024 ng

RT: 9.263 min Scan# 1137

Delta R.T. -0.004 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

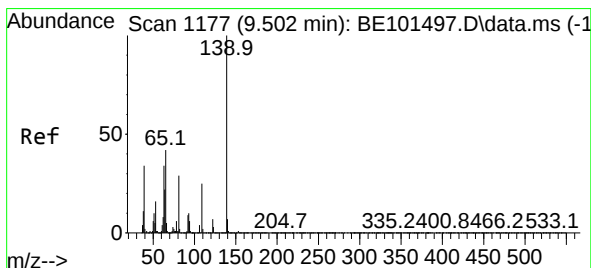
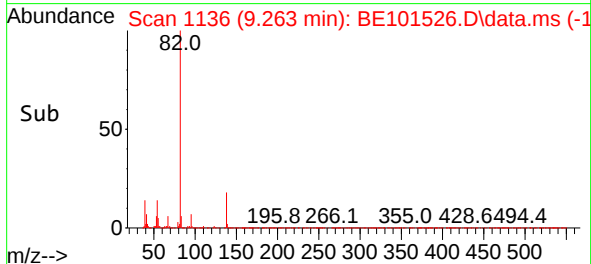
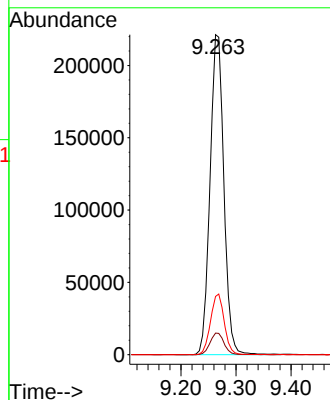
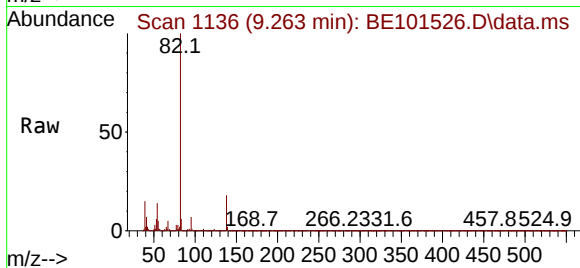
Tgt Ion: 82 Resp: 385764

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.2 15.8 23.6



#26

2-Nitrophenol

Concen: 51.174 ng

RT: 9.504 min Scan# 1177

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

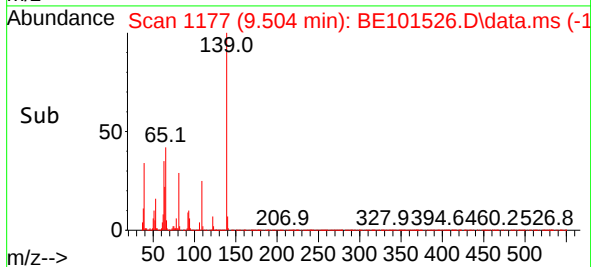
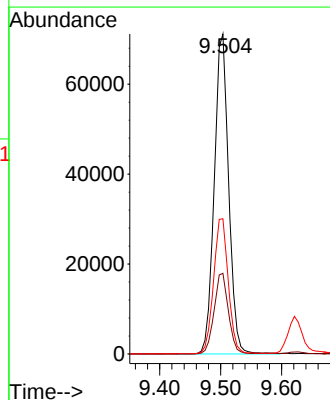
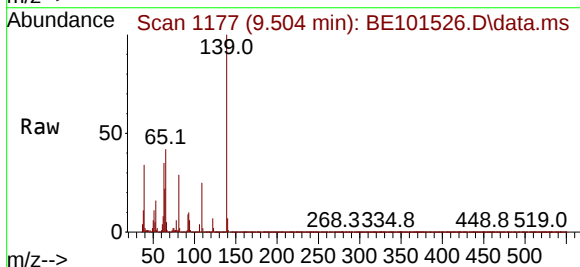
Tgt Ion: 139 Resp: 116919

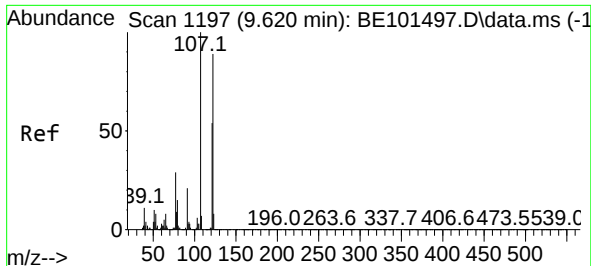
Ion Ratio Lower Upper

139 100

109 25.2 20.2 30.4

65 42.3 34.0 51.0





#27

2,4-Dimethylphenol

Concen: 61.840 ng

RT: 9.621 min Scan# 1197

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

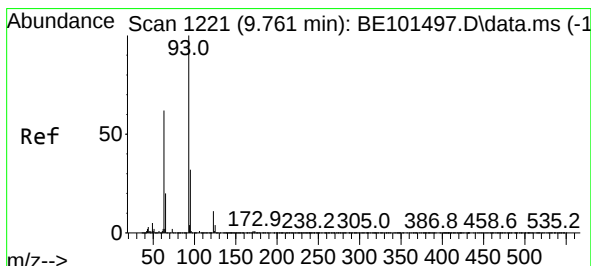
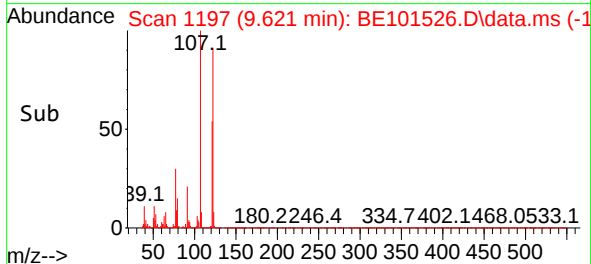
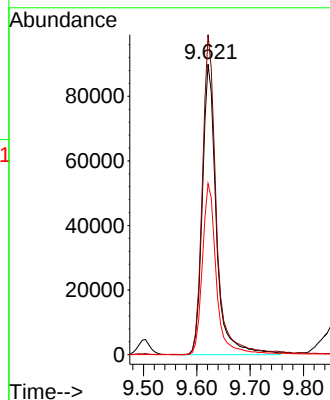
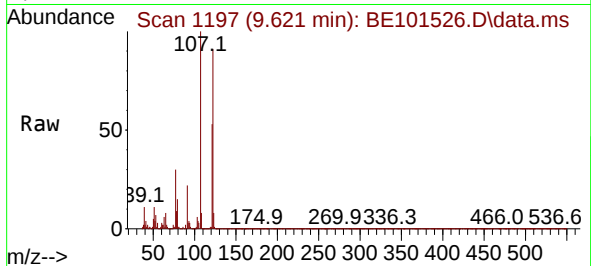
Tgt Ion:122 Resp: 163479

Ion Ratio Lower Upper

122 100

107 110.2 89.8 134.6

121 58.9 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.369 ng

RT: 9.762 min Scan# 1221

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

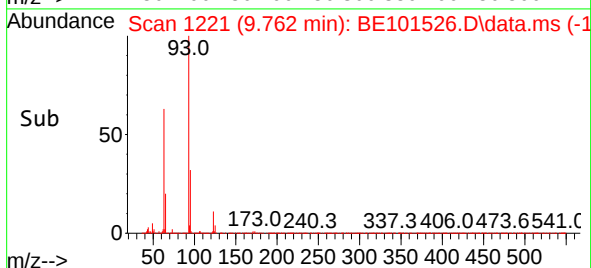
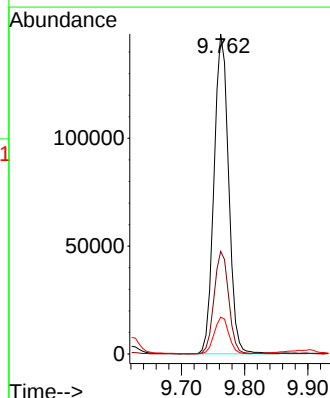
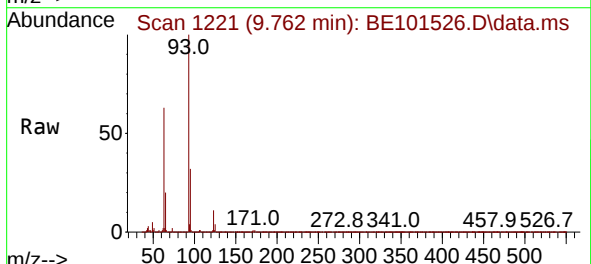
Tgt Ion: 93 Resp: 237835

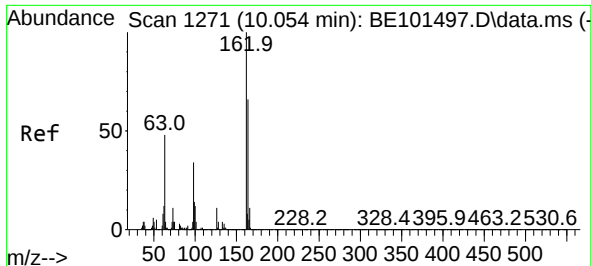
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.5 9.2 13.8

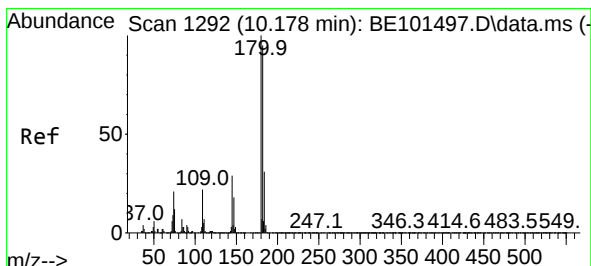
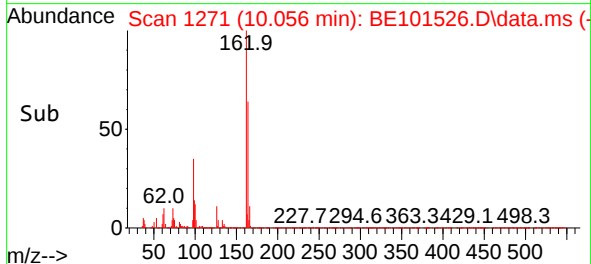
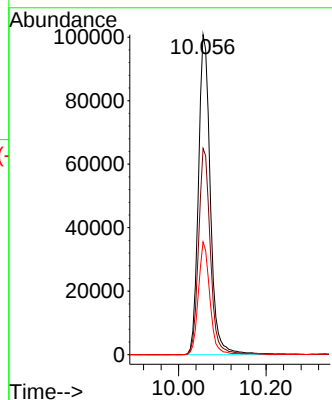
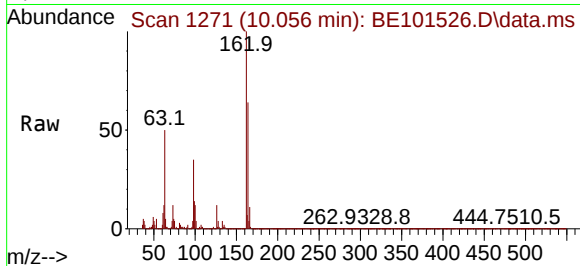




#29
2,4-Dichlorophenol
Concen: 50.929 ng
RT: 10.056 min Scan# 1271
Delta R.T. 0.002 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

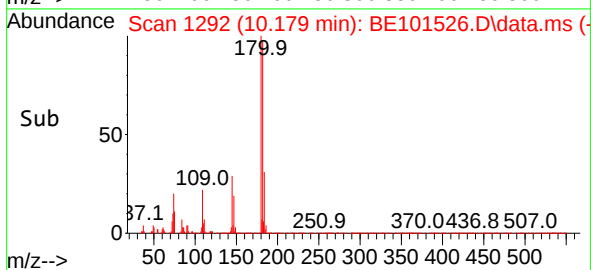
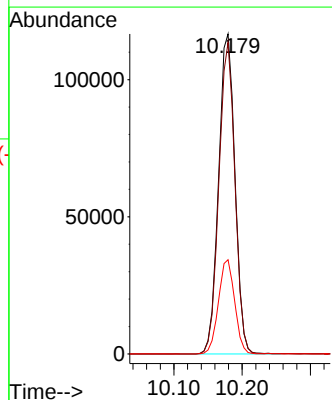
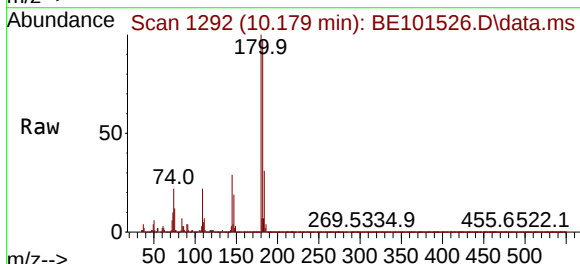
Instrument :
BNA_E
ClientSampleId :
PB164711BS

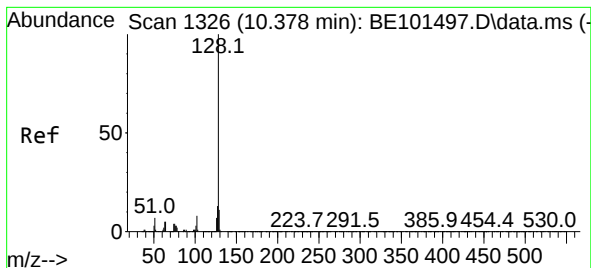
Tgt Ion:162 Resp: 191128
Ion Ratio Lower Upper
162 100
164 64.4 45.7 85.7
98 35.2 14.0 54.0



#30
1,2,4-Trichlorobenzene
Concen: 46.510 ng
RT: 10.179 min Scan# 1292
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:180 Resp: 194850
Ion Ratio Lower Upper
180 100
182 97.3 76.2 114.2
145 29.5 23.2 34.8





#31

Naphthalene

Concen: 47.933 ng

RT: 10.379 min Scan# 11

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

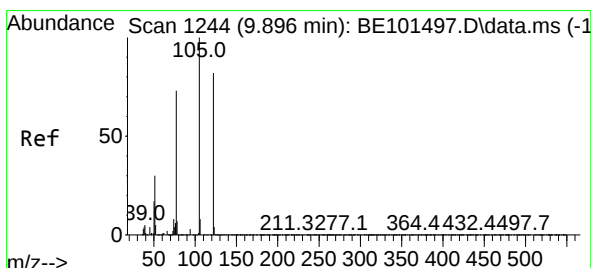
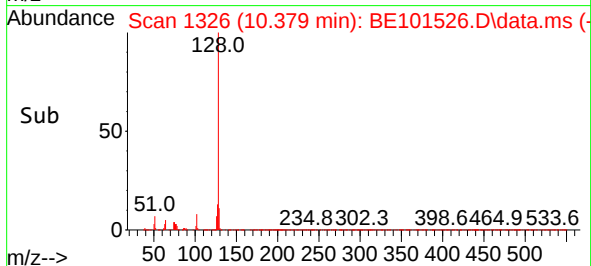
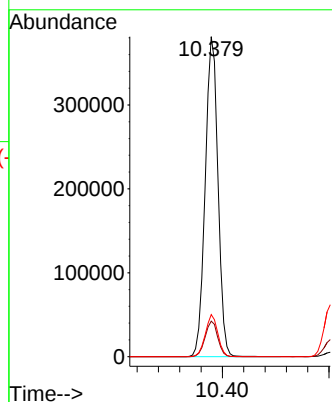
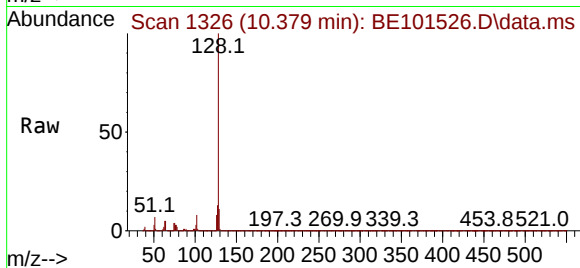
Tgt Ion:128 Resp: 630914

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 39.408 ng

RT: 9.897 min Scan# 1244

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

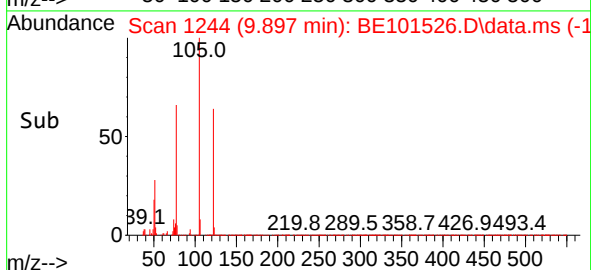
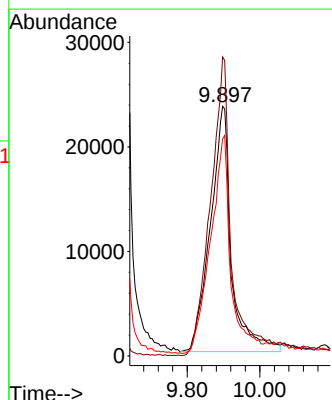
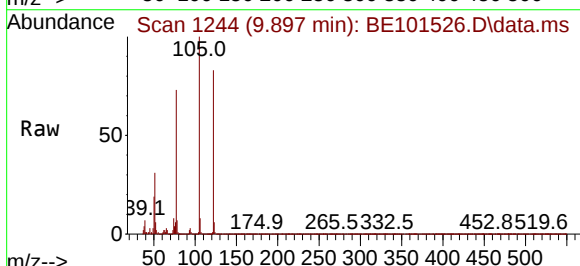
Tgt Ion:122 Resp: 93820

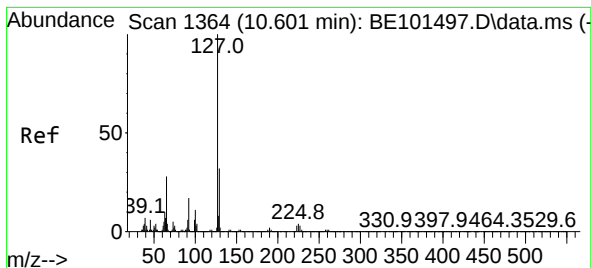
Ion Ratio Lower Upper

122 100

105 119.8 100.6 140.6

77 87.0 68.6 108.6





#33

4-Chloroaniline

Concen: 28.159 ng

RT: 10.602 min Scan# 1364

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

Tgt Ion:127 Resp: 130337

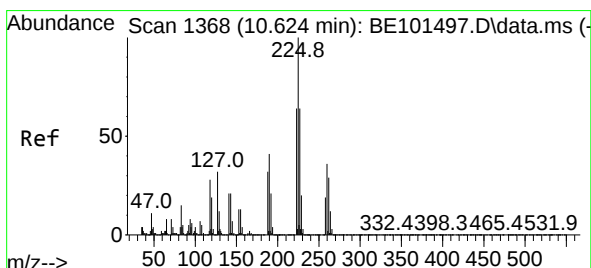
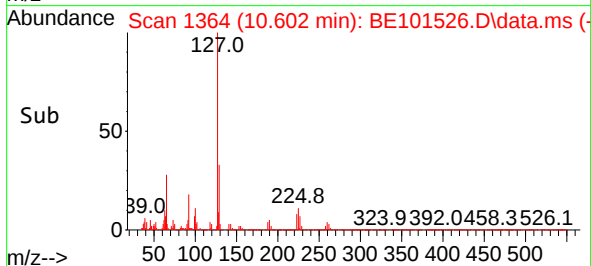
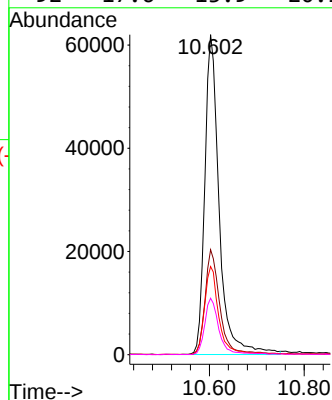
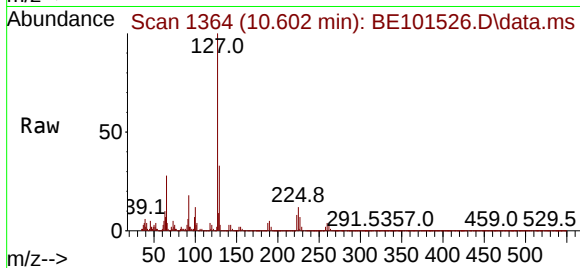
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 27.6 22.6 33.8

92 17.6 13.9 20.9



#34

Hexachlorobutadiene

Concen: 48.503 ng

RT: 10.626 min Scan# 1368

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

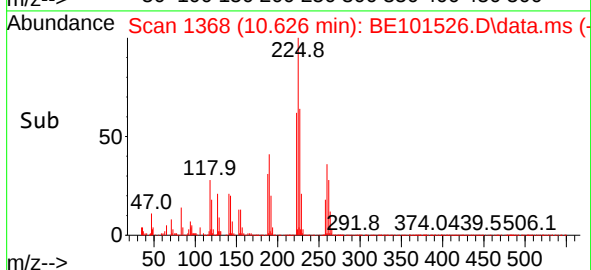
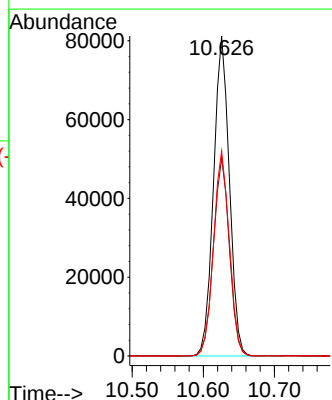
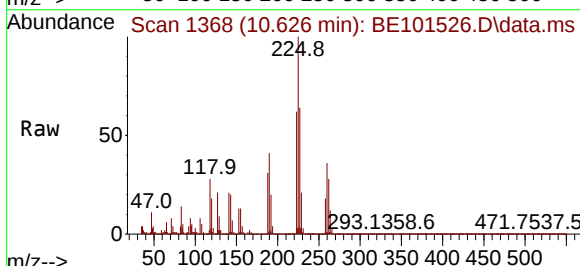
Tgt Ion:225 Resp: 125244

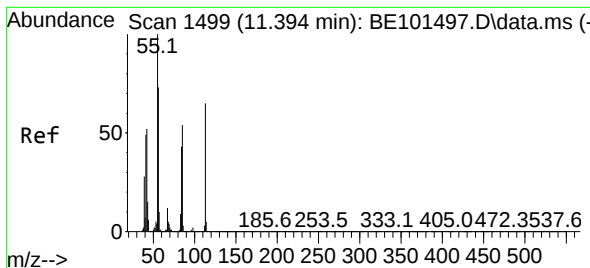
Ion Ratio Lower Upper

225 100

223 61.9 51.0 76.6

227 64.1 51.0 76.6





#35

Caprolactam

Concen: 18.606 ng

RT: 11.390 min Scan# 1499

Delta R.T. -0.004 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

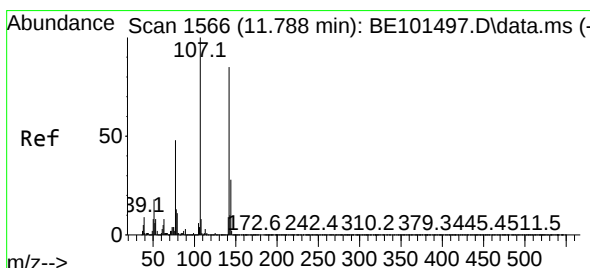
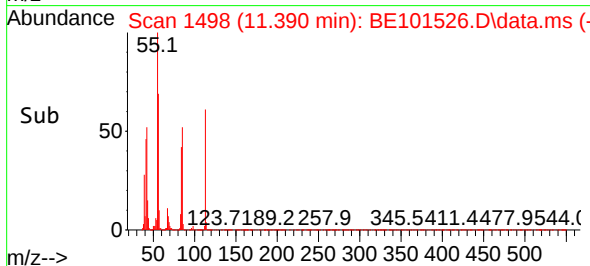
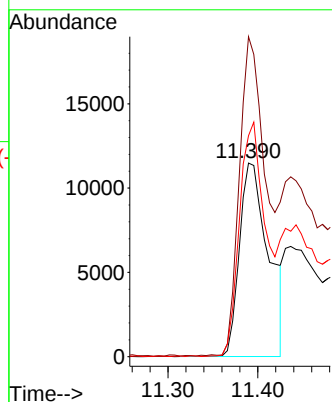
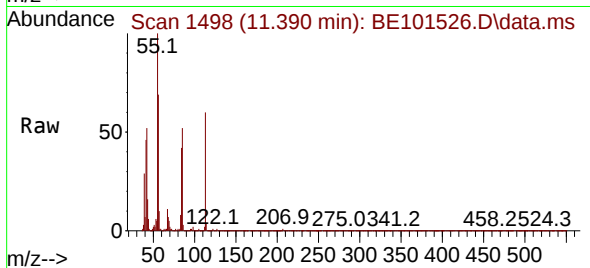
Tgt Ion:113 Resp: 25641

Ion Ratio Lower Upper

113 100

55 165.3 134.3 174.3

56 114.2 92.6 132.6



#36

4-Chloro-3-methylphenol

Concen: 45.643 ng

RT: 11.789 min Scan# 1566

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

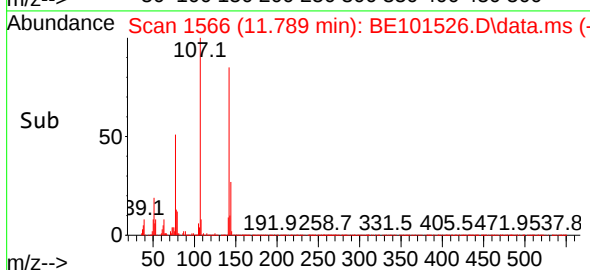
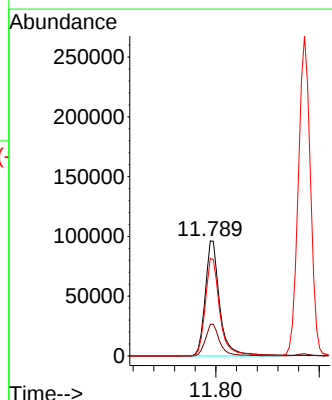
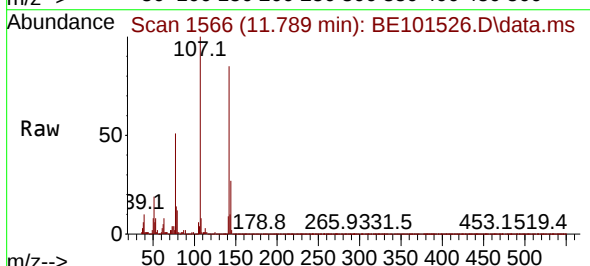
Tgt Ion:107 Resp: 187051

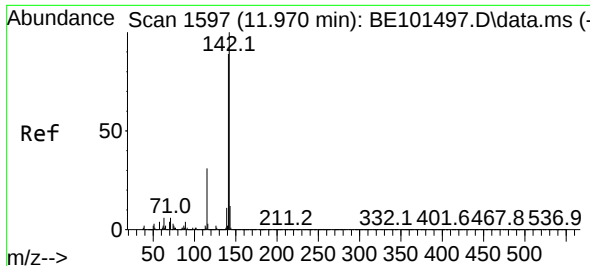
Ion Ratio Lower Upper

107 100

144 27.5 22.4 33.6

142 84.8 68.2 102.2

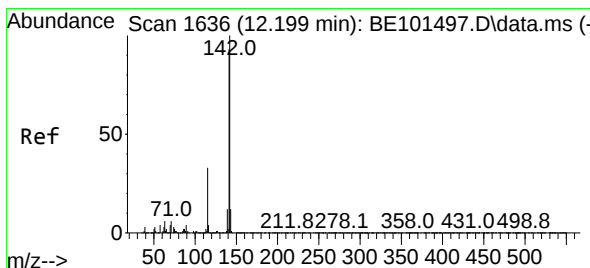
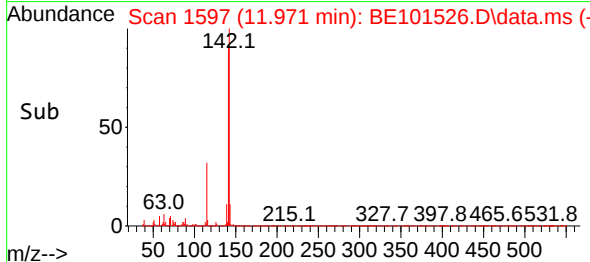
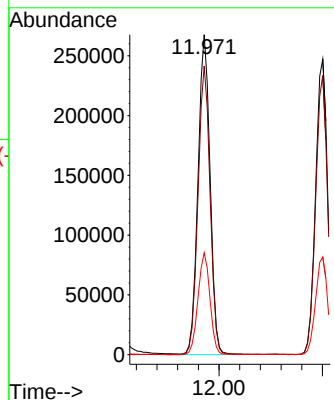
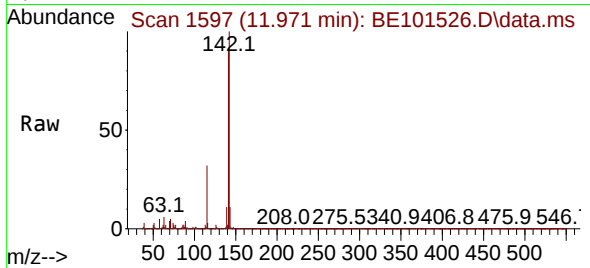




#37
2-Methylnaphthalene
Concen: 46.444 ng
RT: 11.971 min Scan# 1597
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

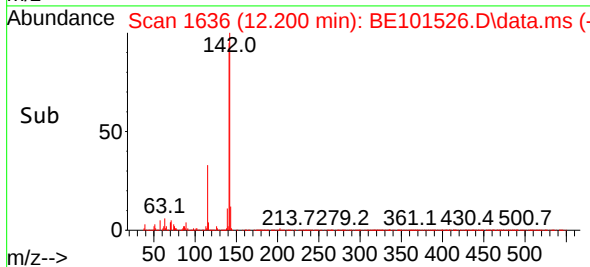
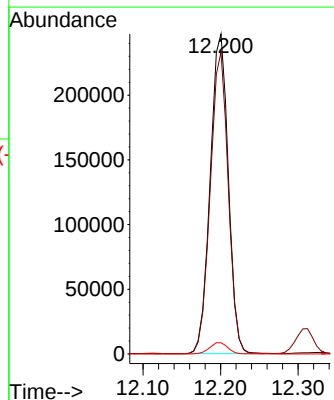
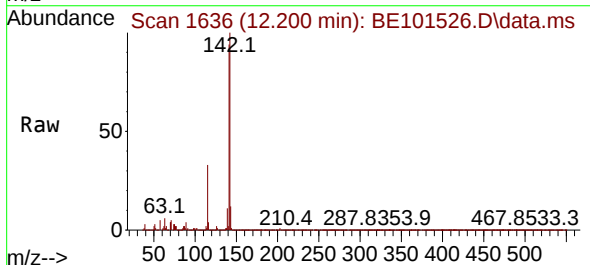
Instrument :
BNA_E
ClientSampleId :
PB164711BS

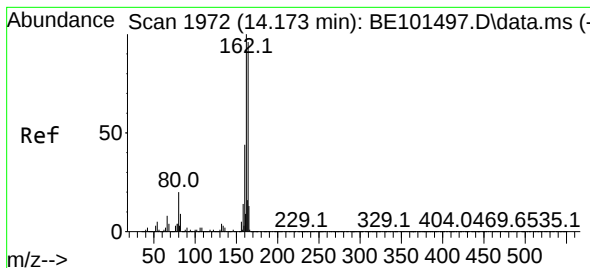
Tgt Ion:142 Resp: 434194
Ion Ratio Lower Upper
142 100
141 90.2 71.3 106.9
115 31.9 25.0 37.4



#38
1-Methylnaphthalene
Concen: 42.906 ng
RT: 12.200 min Scan# 1636
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:142 Resp: 400022
Ion Ratio Lower Upper
142 100
141 94.4 74.7 112.1
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.175 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

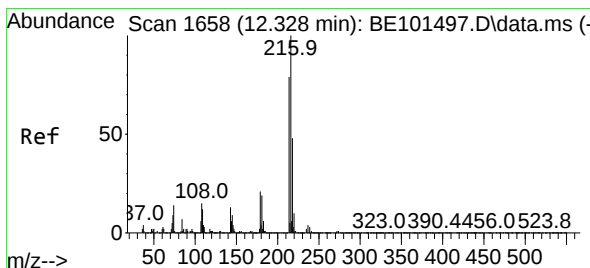
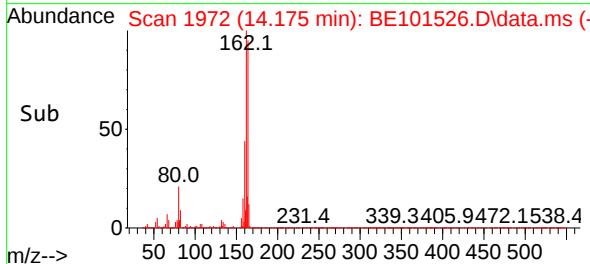
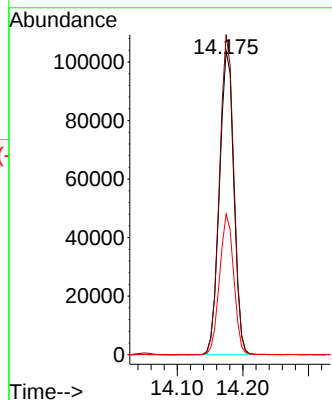
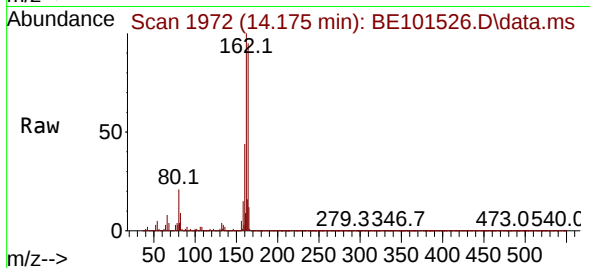
Tgt Ion:164 Resp: 157194

Ion Ratio Lower Upper

164 100

162 105.3 83.7 125.5

160 46.3 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.974 ng

RT: 12.330 min Scan# 1658

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Tgt Ion:216 Resp: 215401

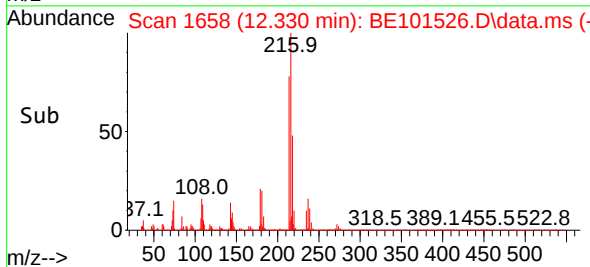
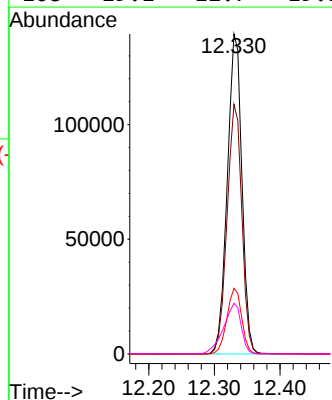
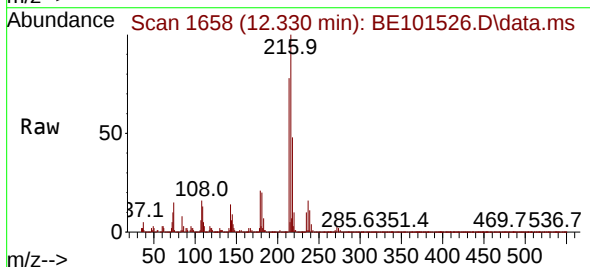
Ion Ratio Lower Upper

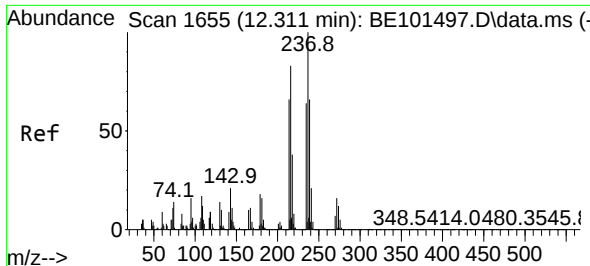
216 100

214 78.9 62.6 93.8

179 20.7 16.4 24.6

108 19.1 12.7 19.1

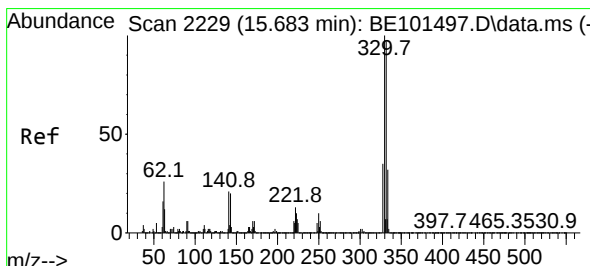
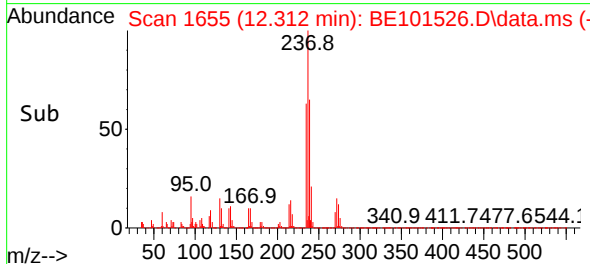
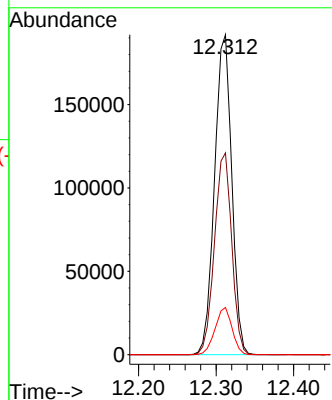
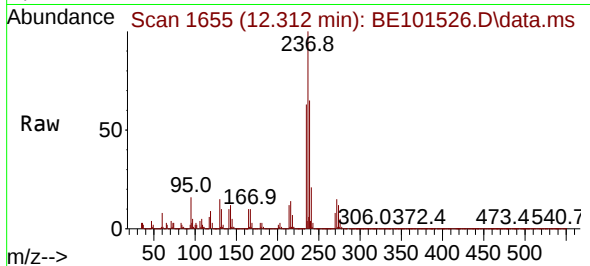




#41
Hexachlorocyclopentadiene
Concen: 244.199 ng
RT: 12.312 min Scan# 1655
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

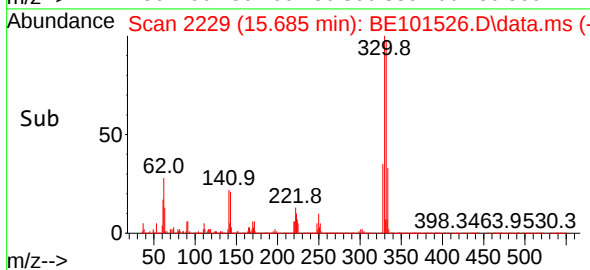
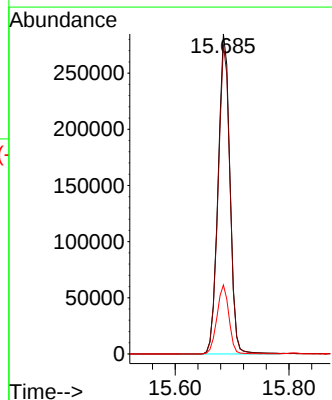
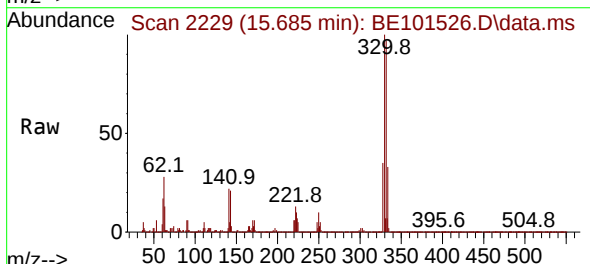
Instrument :
BNA_E
ClientSampleId :
PB164711BS

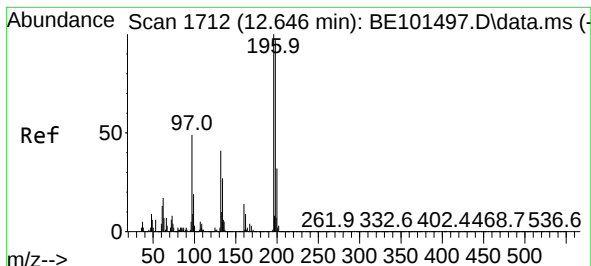
Tgt Ion:237 Resp: 295336
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 14.8 0.0 35.6



#42
2,4,6-Tribromophenol
Concen: 138.845 ng
RT: 15.685 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:330 Resp: 410691
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 21.7 17.0 25.4





#43

2,4,6-Trichlorophenol

Concen: 53.739 ng

RT: 12.653 min Scan# 1

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

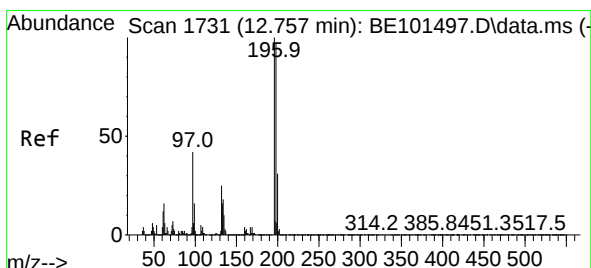
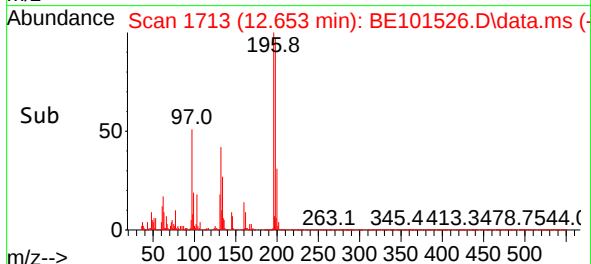
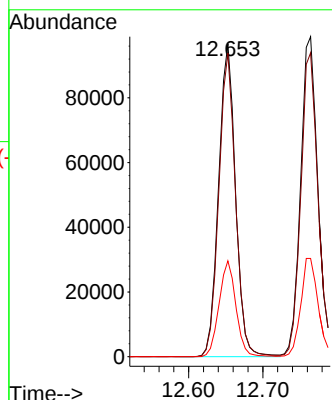
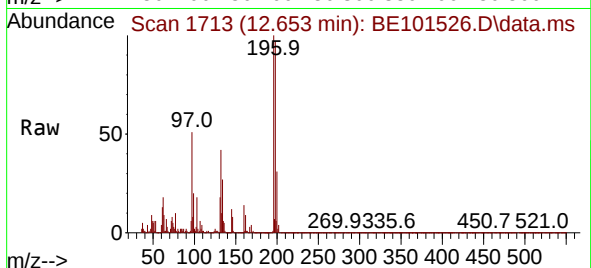
Tgt Ion:196 Resp: 152953

Ion Ratio Lower Upper

196 100

198 97.0 77.7 116.5

200 30.6 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 52.006 ng

RT: 12.764 min Scan# 1732

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Tgt Ion:196 Resp: 164908

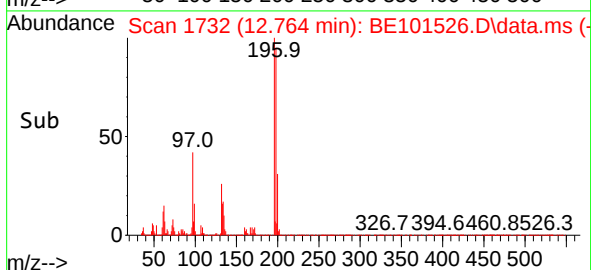
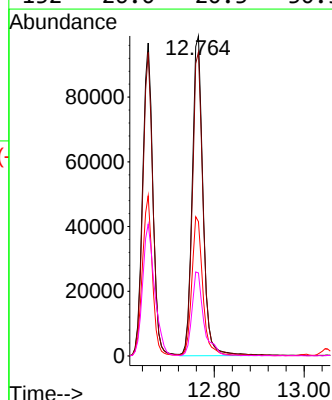
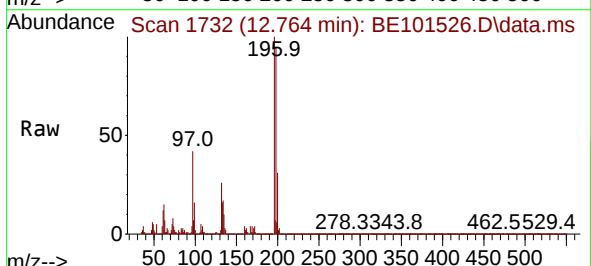
Ion Ratio Lower Upper

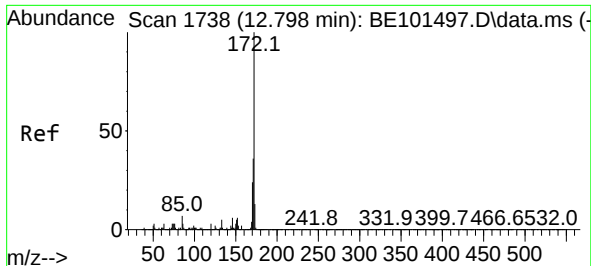
196 100

198 94.9 77.3 115.9

97 42.0 33.4 50.0

132 26.0 20.3 30.5

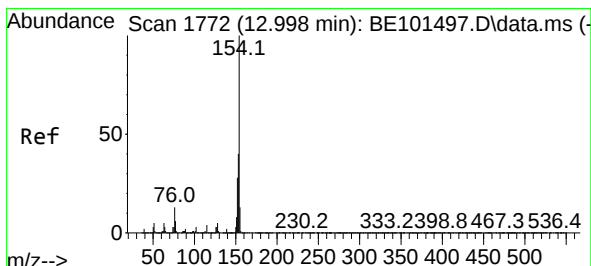
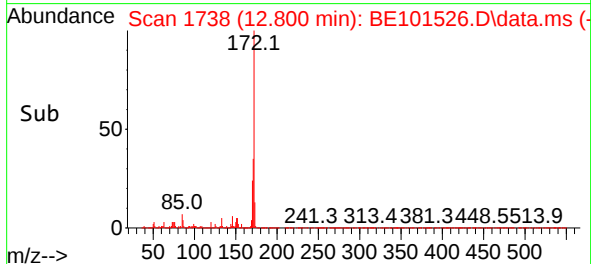
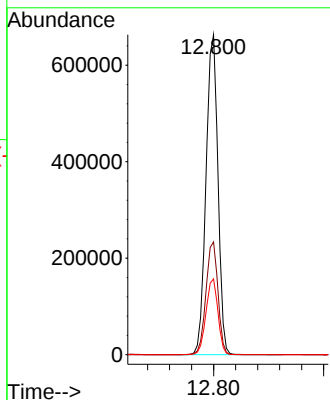
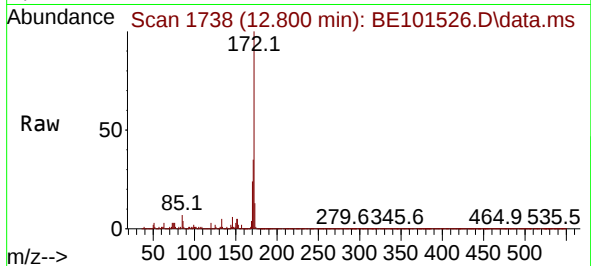




#45
2-Fluorobiphenyl
Concen: 103.364 ng
RT: 12.800 min Scan# 1738
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

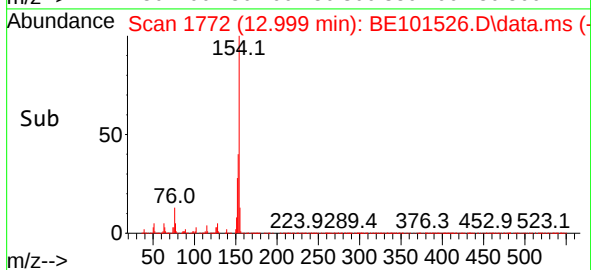
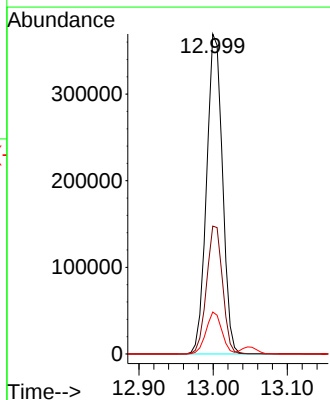
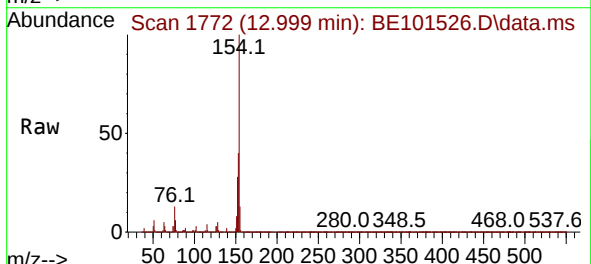
Instrument :
BNA_E
ClientSampleId :
PB164711BS

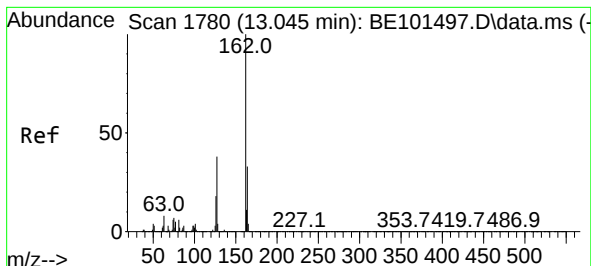
Tgt Ion:172 Resp: 995109
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 50.699 ng
RT: 12.999 min Scan# 1772
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:154 Resp: 549738
Ion Ratio Lower Upper
154 100
153 39.9 19.7 59.7
76 13.1 0.0 33.0





#47

2-Chloronaphthalene

Concen: 50.225 ng

RT: 13.046 min Scan# 11

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

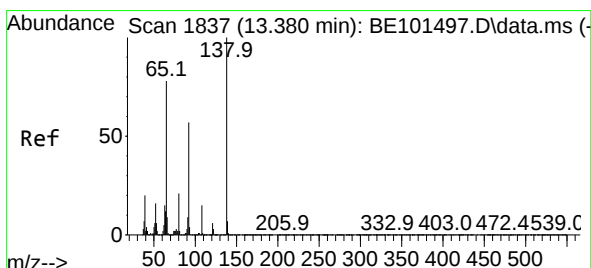
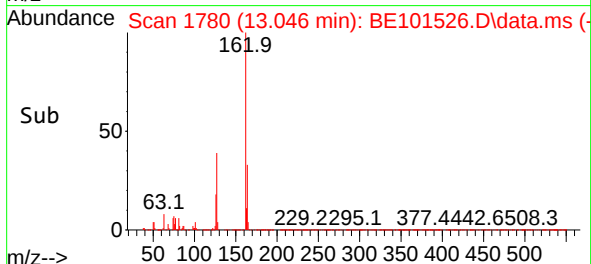
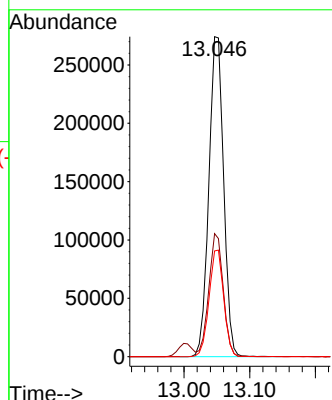
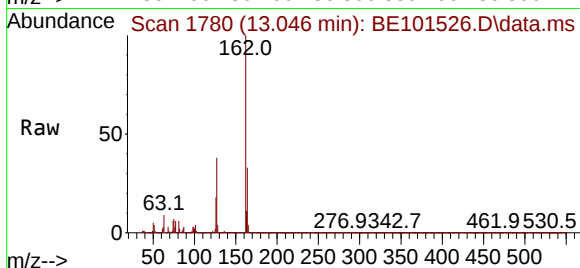
Tgt Ion:162 Resp: 429535

Ion Ratio Lower Upper

162 100

127 38.4 30.2 45.4

164 33.1 26.4 39.6



#48

2-Nitroaniline

Concen: 54.099 ng

RT: 13.381 min Scan# 1837

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

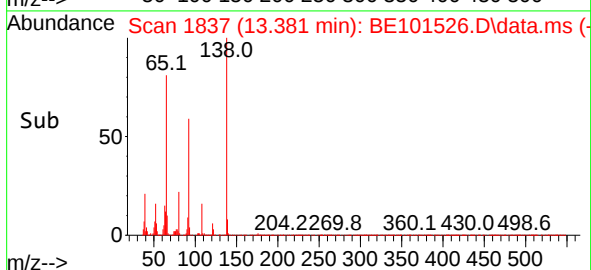
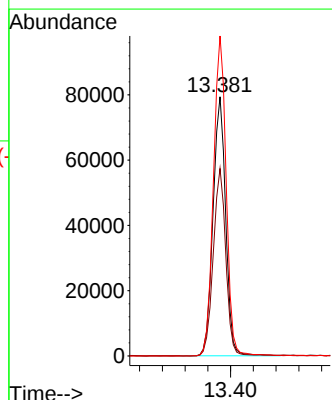
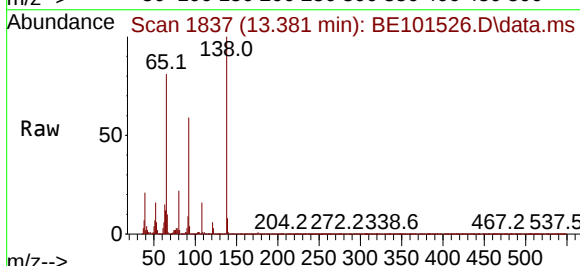
Tgt Ion: 65 Resp: 122469

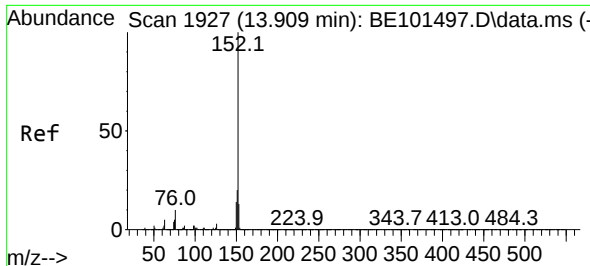
Ion Ratio Lower Upper

65 100

92 72.3 58.9 88.3

138 123.4 103.0 154.6

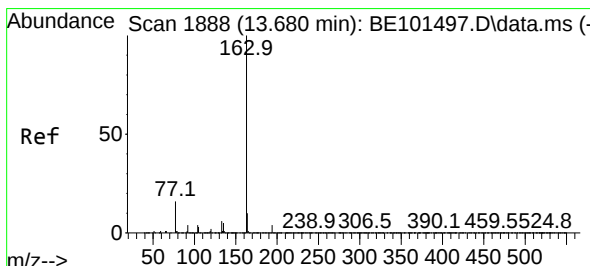
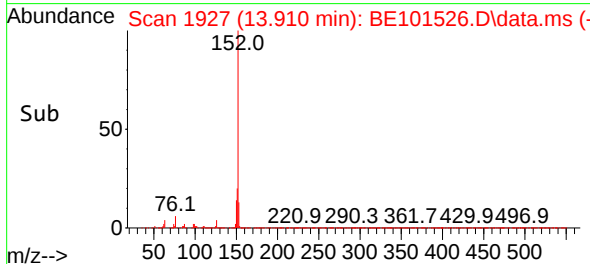
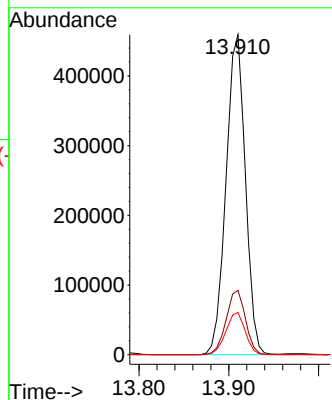
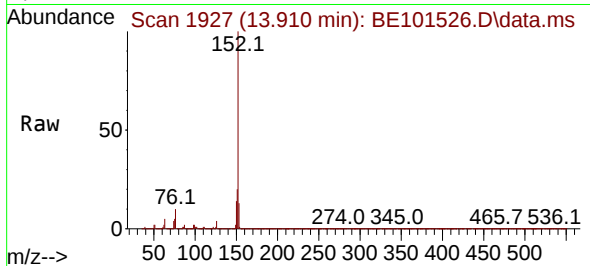




#49
Acenaphthylene
Concen: 53.804 ng
RT: 13.910 min Scan# 1927
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

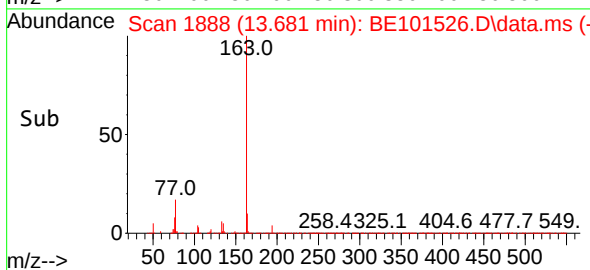
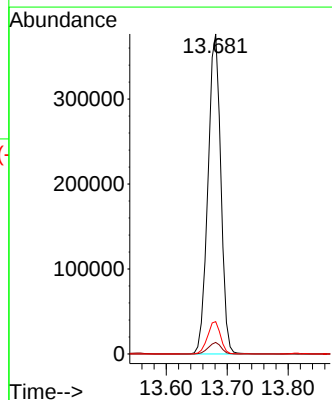
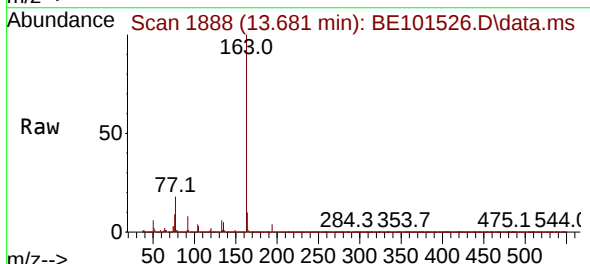
Instrument :
BNA_E
ClientSampleId :
PB164711BS

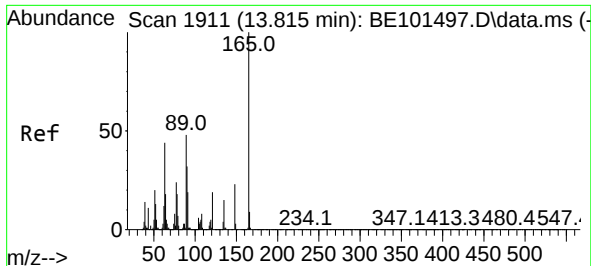
Tgt Ion:152 Resp: 685710
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 49.158 ng
RT: 13.681 min Scan# 1888
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:163 Resp: 550266
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.1 8.2 12.2

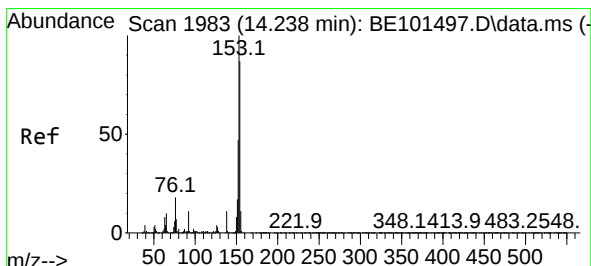
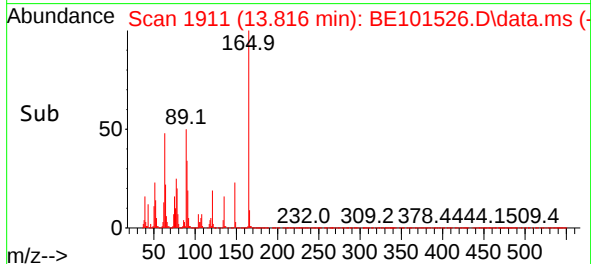
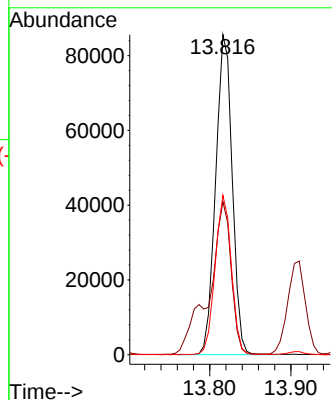
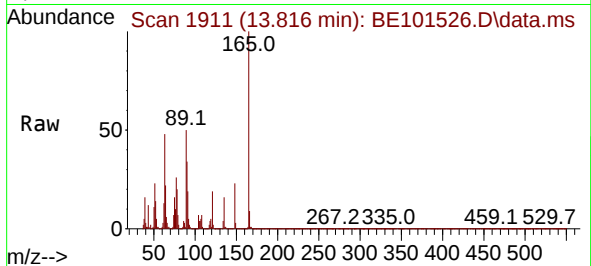




#51
2,6-Dinitrotoluene
Concen: 46.866 ng
RT: 13.816 min Scan# 1911
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

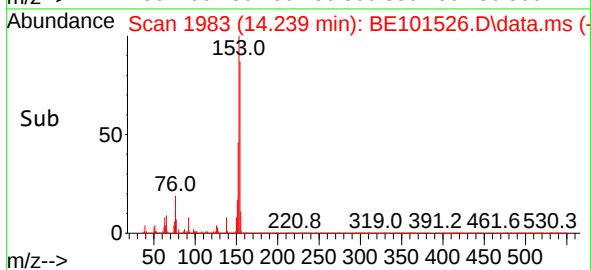
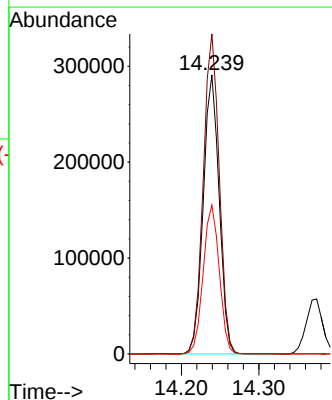
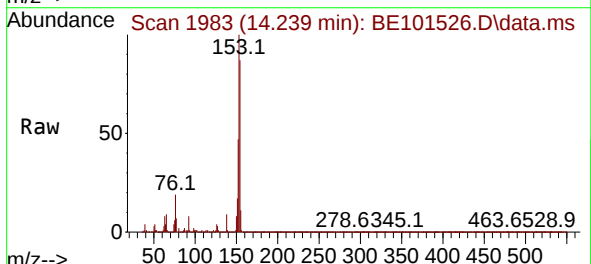
Instrument :
BNA_E
ClientSampleId :
PB164711BS

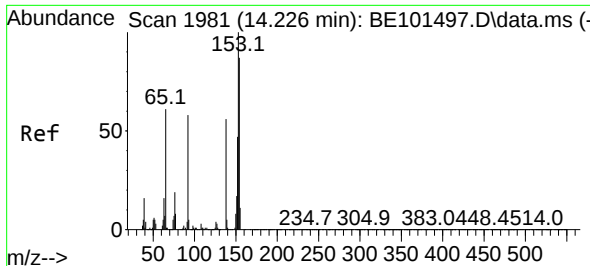
Tgt Ion:165 Resp: 121083
Ion Ratio Lower Upper
165 100
63 47.8 37.2 55.8
89 49.8 38.4 57.6



#52
Acenaphthene
Concen: 51.121 ng
RT: 14.239 min Scan# 1983
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:154 Resp: 415753
Ion Ratio Lower Upper
154 100
153 114.7 92.3 138.5
152 53.3 43.6 65.4

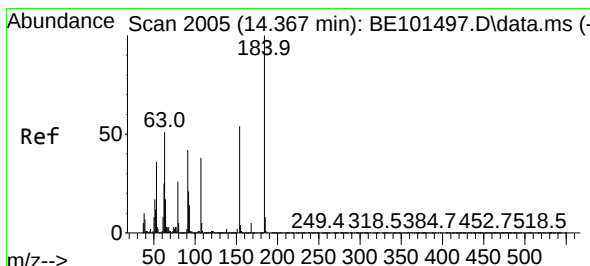
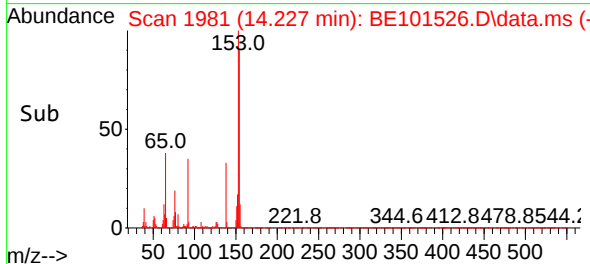
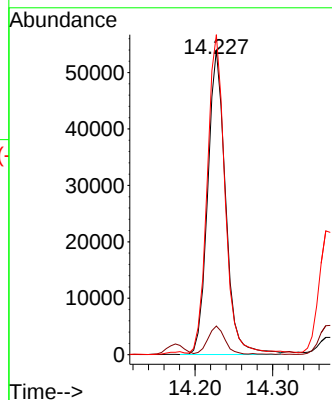
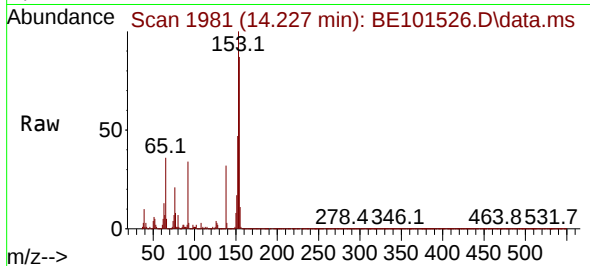




#53
3-Nitroaniline
Concen: 34.381 ng
RT: 14.227 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

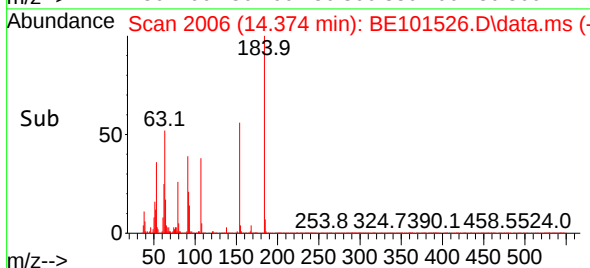
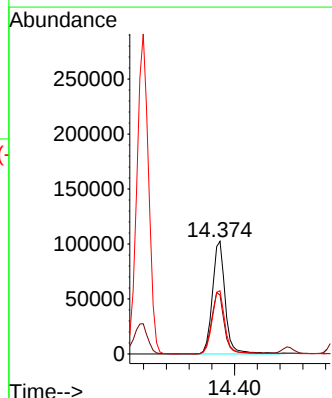
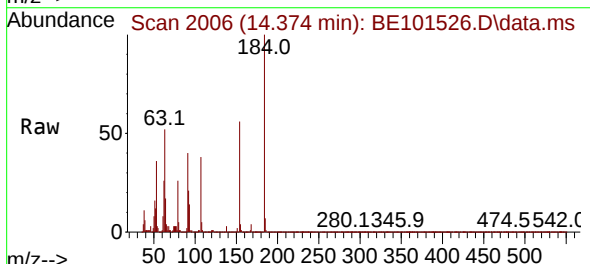
Instrument :
BNA_E
ClientSampleId :
PB164711BS

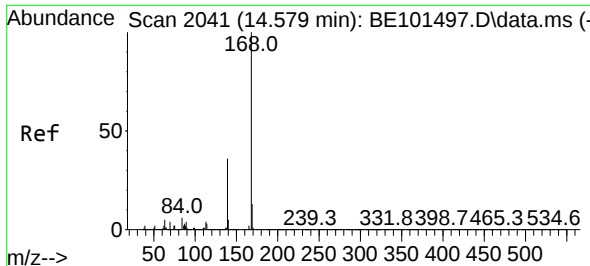
Tgt Ion:138 Resp: 86232
Ion Ratio Lower Upper
138 100
108 9.4 7.2 10.8
92 105.0 83.0 124.4



#54
2,4-Dinitrophenol
Concen: 105.294 ng
RT: 14.374 min Scan# 2006
Delta R.T. 0.007 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:184 Resp: 159418
Ion Ratio Lower Upper
184 100
63 52.3 41.0 61.4
154 56.1 43.2 64.8

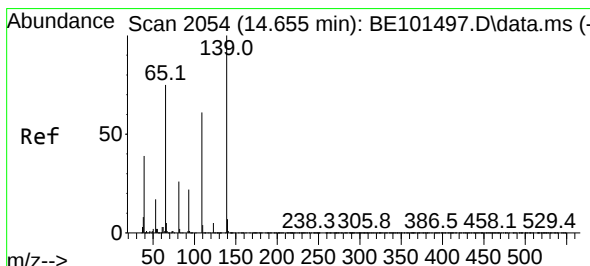
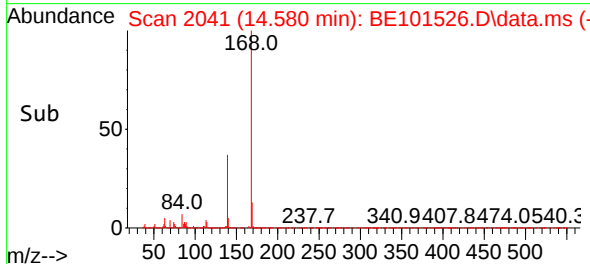
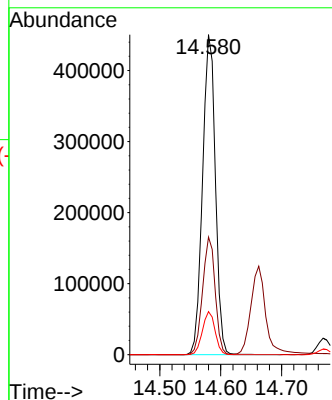
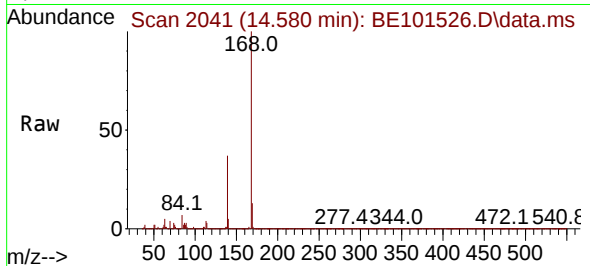




#55
Dibenzofuran
Concen: 50.079 ng
RT: 14.580 min Scan# 2041
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

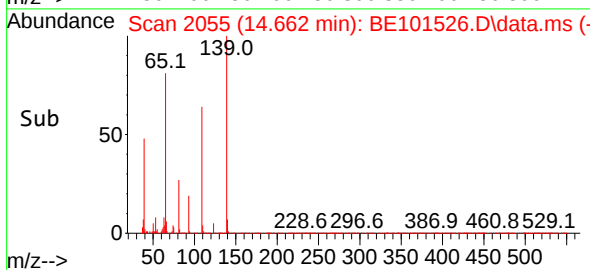
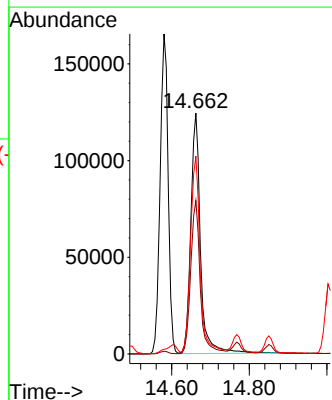
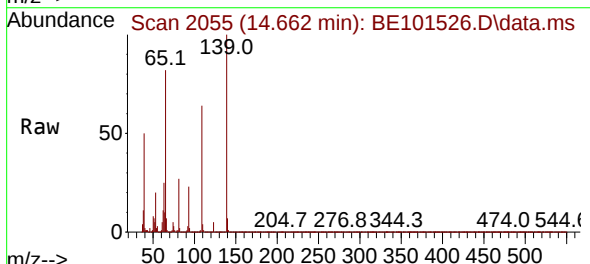
Instrument :
BNA_E
ClientSampleId :
PB164711BS

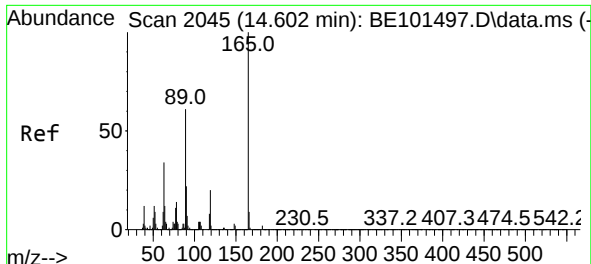
Tgt Ion:168 Resp: 655860
Ion Ratio Lower Upper
168 100
139 36.7 29.1 43.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 104.481 ng
RT: 14.662 min Scan# 2055
Delta R.T. 0.007 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:139 Resp: 216392
Ion Ratio Lower Upper
139 100
109 63.7 40.7 80.7
65 82.1 58.0 98.0

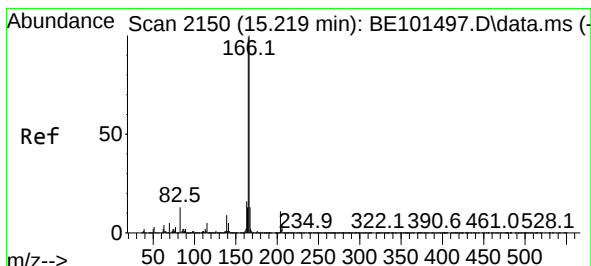
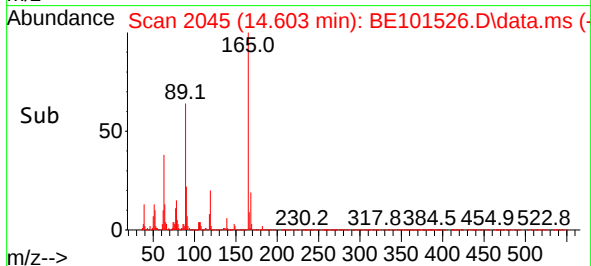
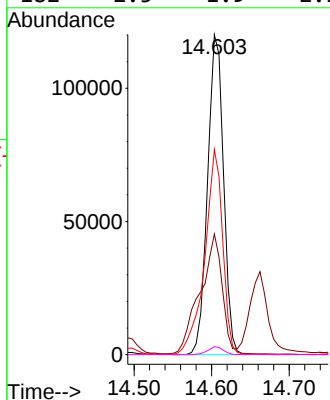
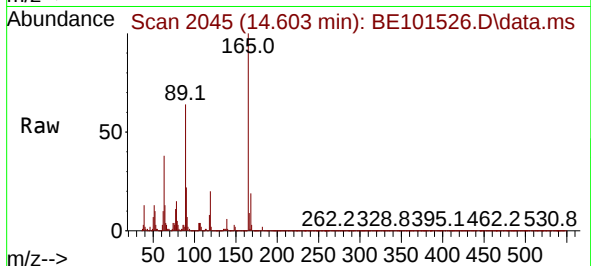




#57
2,4-Dinitrotoluene
Concen: 47.405 ng
RT: 14.603 min Scan# 2045
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

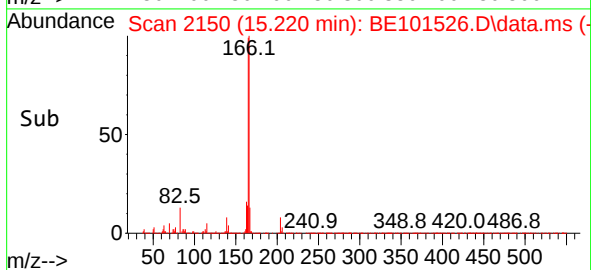
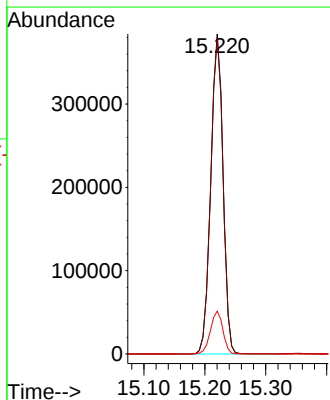
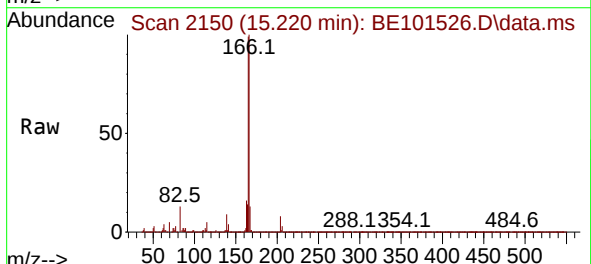
Instrument :
BNA_E
ClientSampleId :
PB164711BS

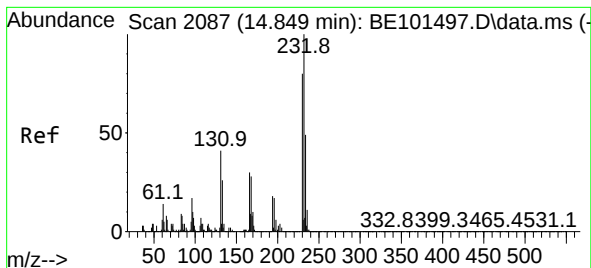
Tgt Ion:	165	Resp:	172063
Ion	Ratio	Lower	Upper
165	100		
63	37.7	27.8	41.8
89	64.1	49.5	74.3
182	2.5	1.9	2.9



#58
Fluorene
Concen: 49.032 ng
RT: 15.220 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:	166	Resp:	535900
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	13.4	10.6	16.0



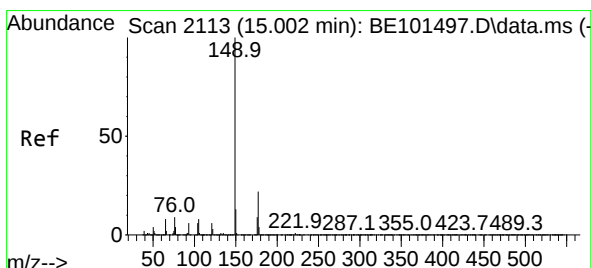
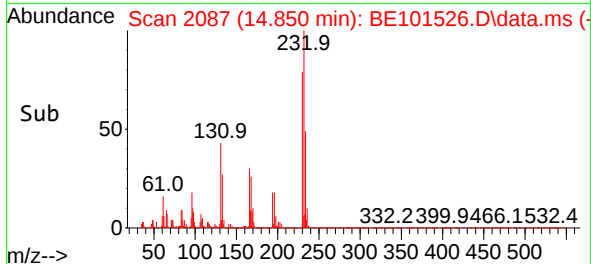
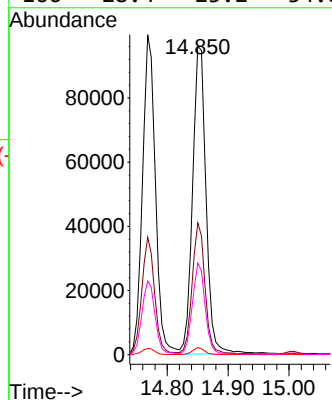
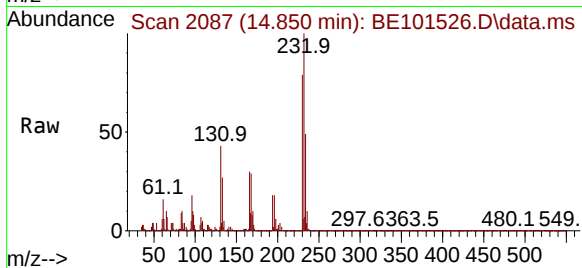


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.155 ng
RT: 14.850 min Scan# 2087
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Instrument :
BNA_E
ClientSampleId :
PB164711BS

Tgt Ion:232 Resp: 147161

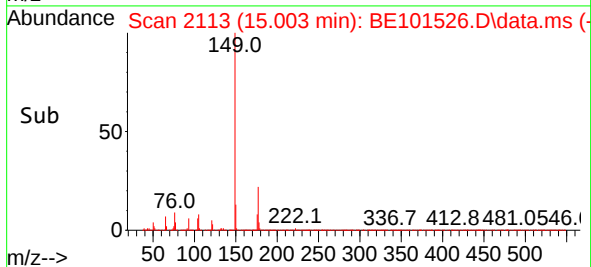
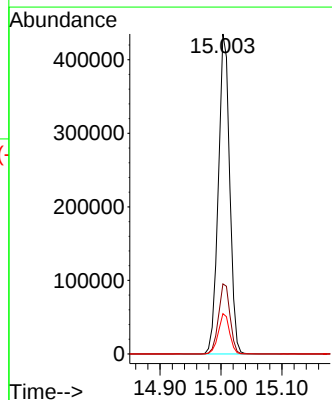
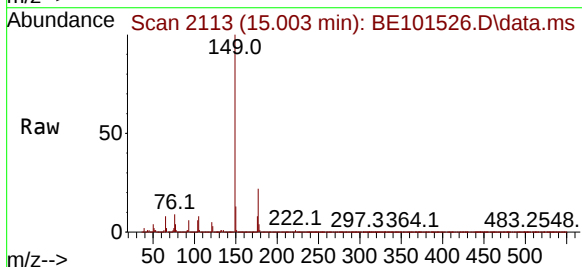
Ion	Ratio	Lower	Upper
232	100		
131	41.4	32.2	48.4
130	2.0	1.5	2.3
166	28.4	23.2	34.8

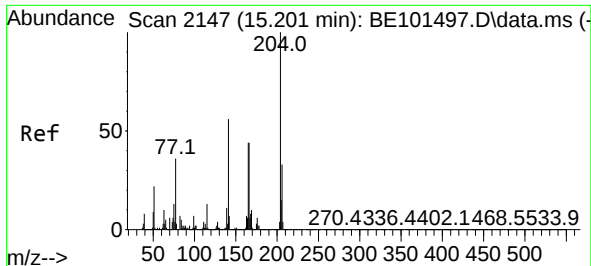


#60
Diethylphthalate
Concen: 47.673 ng
RT: 15.003 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:149 Resp: 562675

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.9	26.9
150	12.6	10.0	15.0

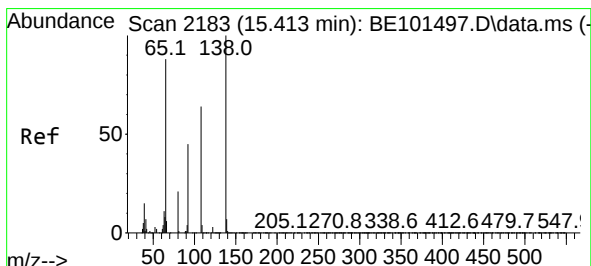
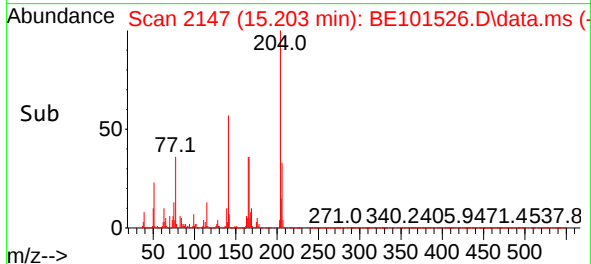
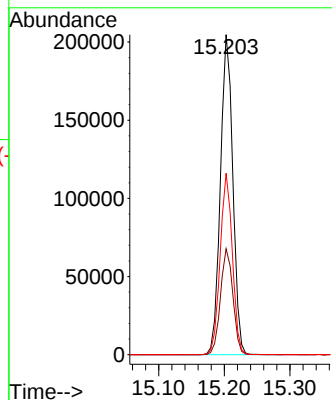
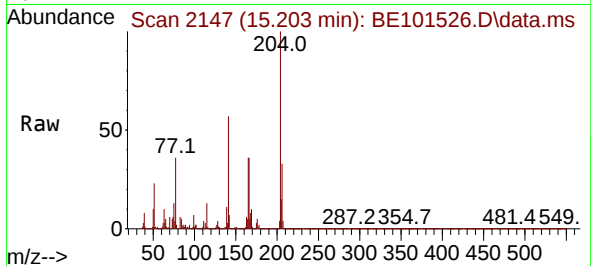




#61
4-Chlorophenyl-phenylether
Concen: 48.071 ng
RT: 15.203 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

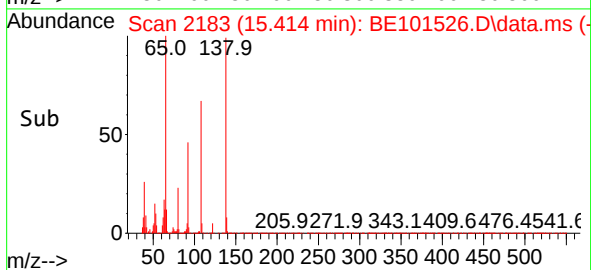
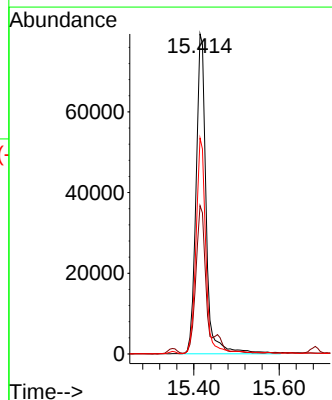
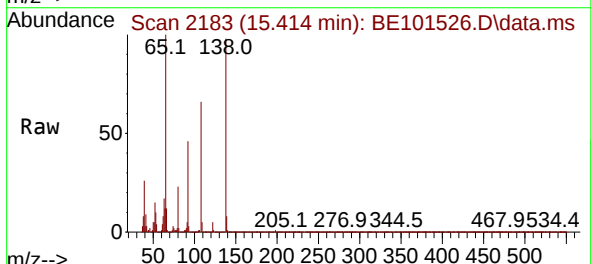
Instrument :
BNA_E
ClientSampleId :
PB164711BS

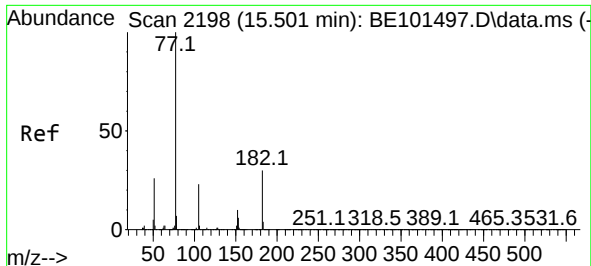
Tgt Ion:204 Resp: 266799
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 56.7 44.8 67.2



#62
4-Nitroaniline
Concen: 48.187 ng
RT: 15.414 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:138 Resp: 130214
Ion Ratio Lower Upper
138 100
92 46.4 25.7 65.7
108 67.5 44.4 84.4

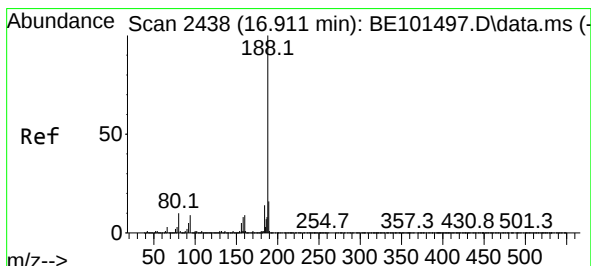
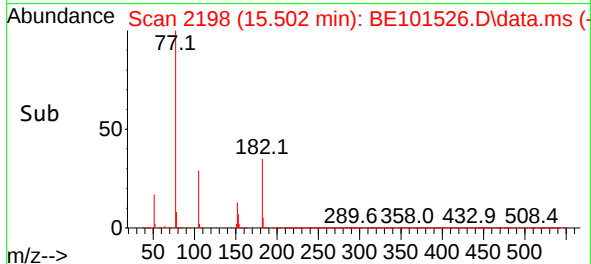
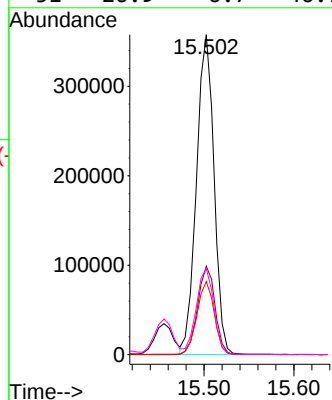
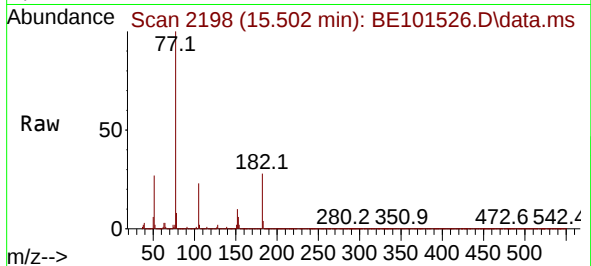




#63
Azobenzene
Concen: 50.339 ng
RT: 15.502 min Scan# 2198
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

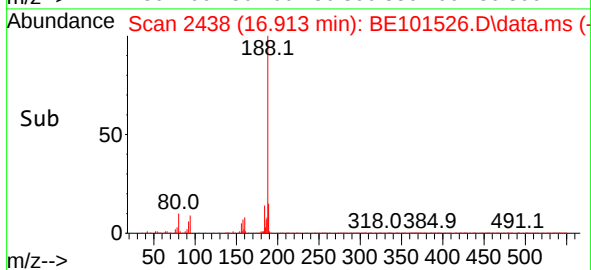
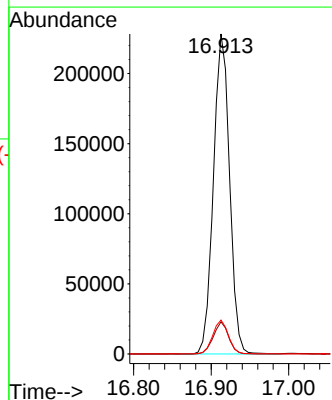
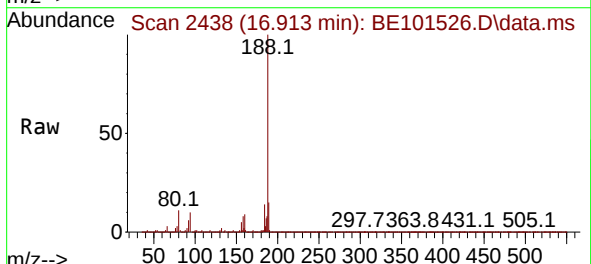
Instrument :
BNA_E
ClientSampleId :
PB164711BS

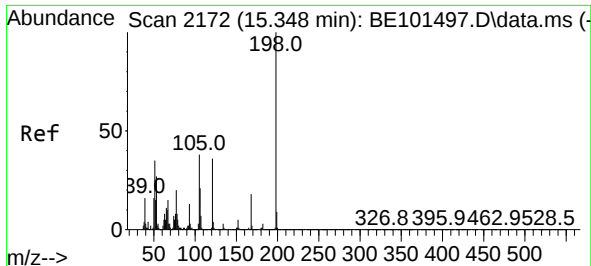
Tgt Ion: 77	Resp: 484712
Ion Ratio	Lower Upper
77 100	
182 27.6	9.1 49.1
105 22.9	3.2 43.2
51 26.9	6.7 46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:188	Resp: 329635		
Ion Ratio	Lower	Upper	
188 100			
94 10.1	7.4	11.2	
80 10.6	8.0	12.0	

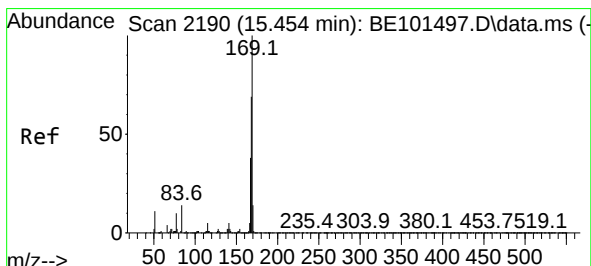
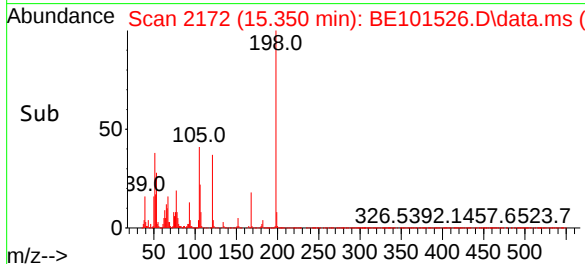
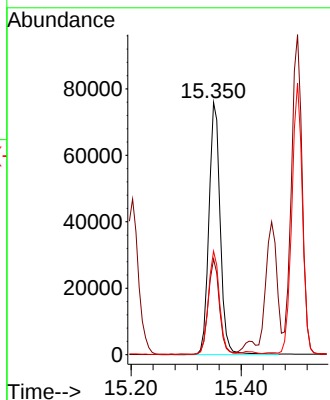
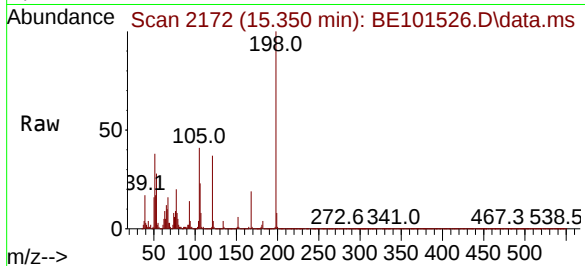




#65
4,6-Dinitro-2-methylphenol
Concen: 55.134 ng
RT: 15.350 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

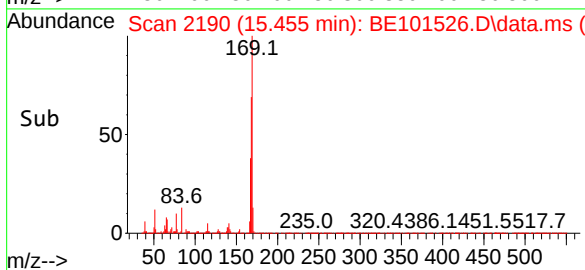
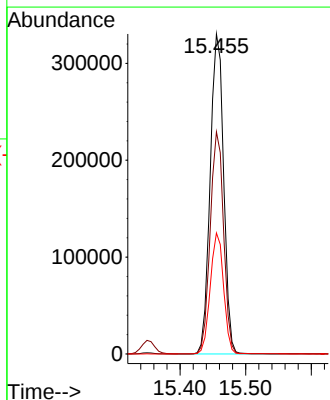
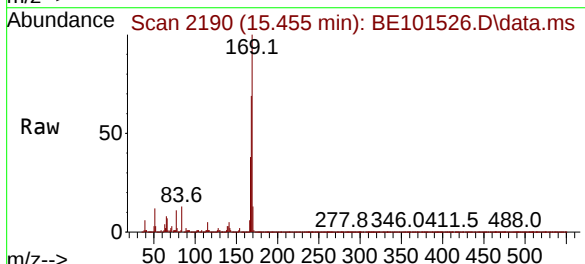
Instrument :
BNA_E
ClientSampleId :
PB164711BS

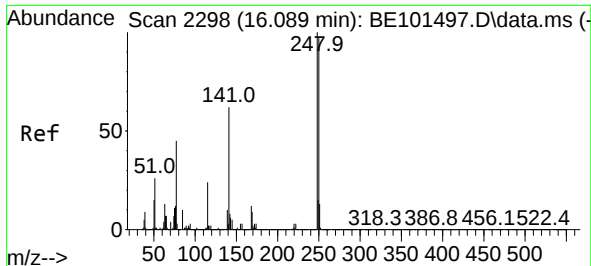
Tgt Ion:198 Resp: 107883
Ion Ratio Lower Upper
198 100
51 37.9 15.3 55.3
105 41.0 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 53.798 ng
RT: 15.455 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:169 Resp: 470622
Ion Ratio Lower Upper
169 100
168 69.4 55.5 83.3
167 37.8 30.4 45.6

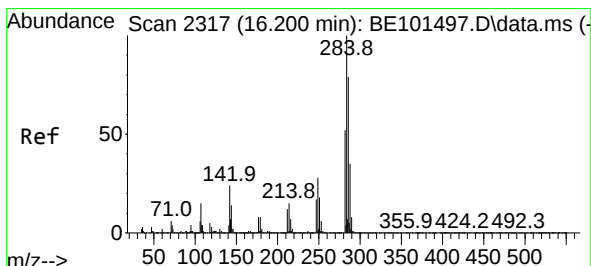
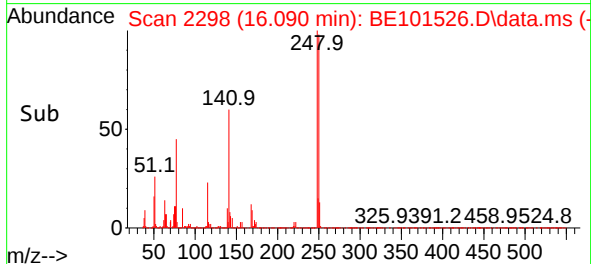
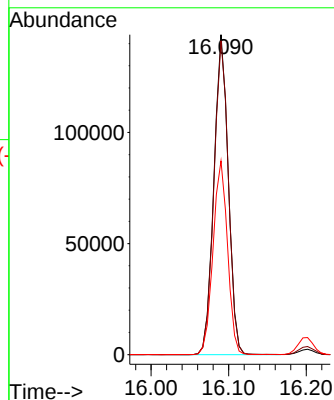
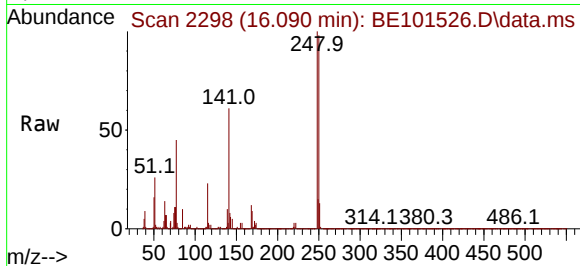




#67
4-Bromophenyl-phenylether
Concen: 50.976 ng
RT: 16.090 min Scan# 21
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

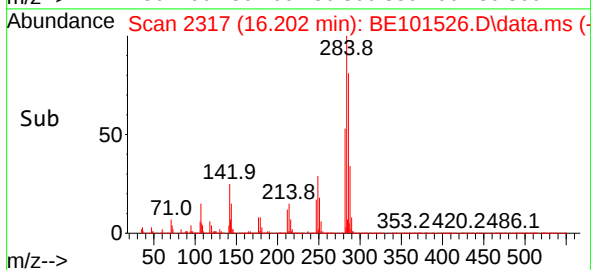
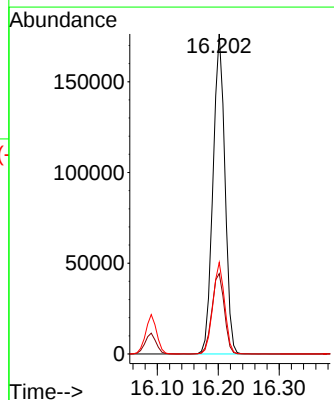
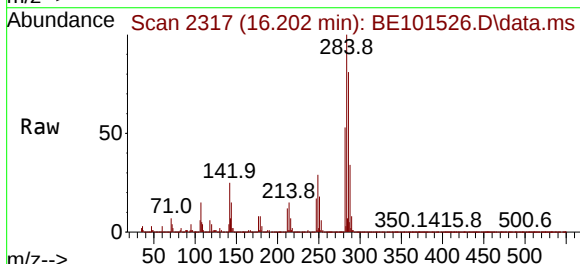
Instrument :
BNA_E
ClientSampleId :
PB164711BS

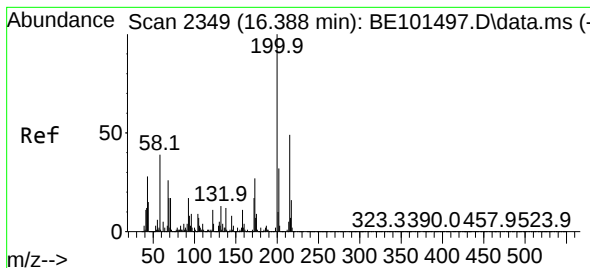
Tgt Ion:248 Resp: 185330
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 60.6 50.0 75.0



#68
Hexachlorobenzene
Concen: 50.060 ng
RT: 16.202 min Scan# 2317
Delta R.T. 0.001 min
Lab File: BE101526.D
Acq: 7 Nov 2024 12:02

Tgt Ion:284 Resp: 239527
Ion Ratio Lower Upper
284 100
142 25.1 19.4 29.2
249 28.6 22.4 33.6





#69

Atrazine

Concen: 61.030 ng

RT: 16.390 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

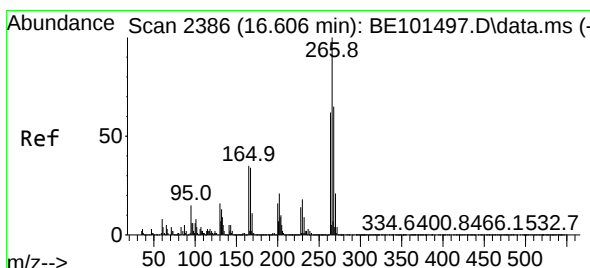
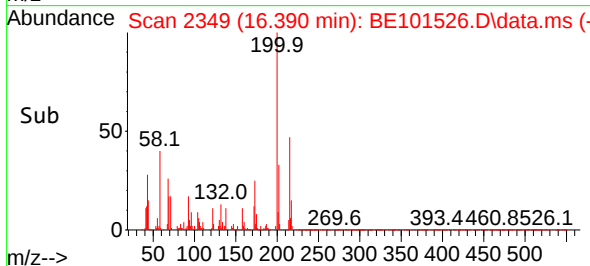
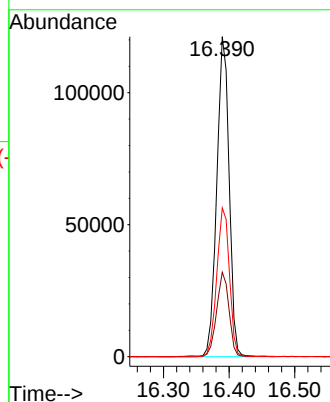
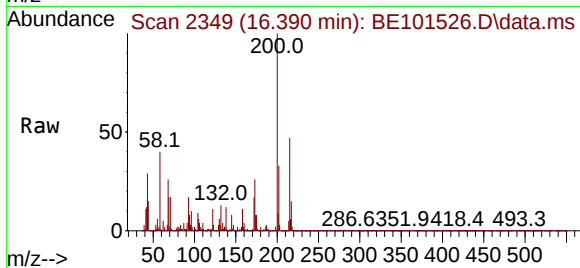
Tgt Ion:200 Resp: 157622

Ion Ratio Lower Upper

200 100

173 26.4 7.4 47.4

215 46.5 28.9 68.9



#70

Pentachlorophenol

Concen: 105.624 ng

RT: 16.613 min Scan# 2387

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

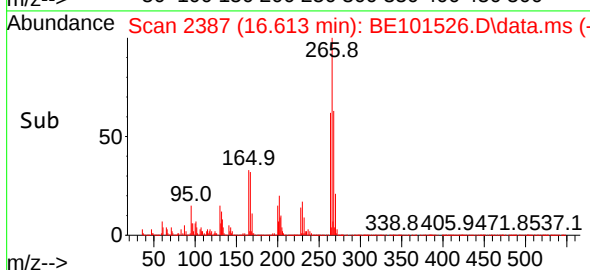
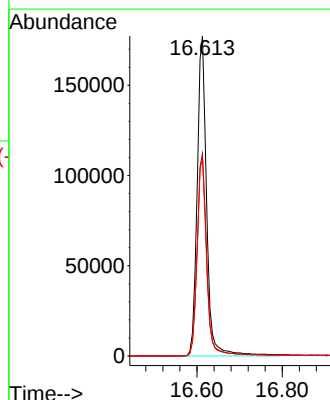
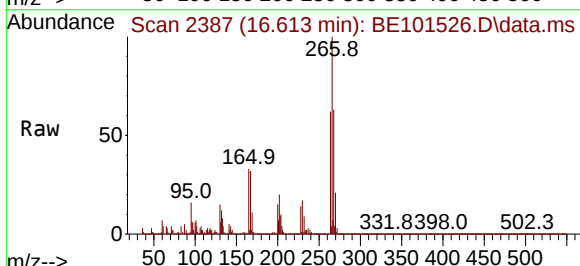
Tgt Ion:266 Resp: 274216

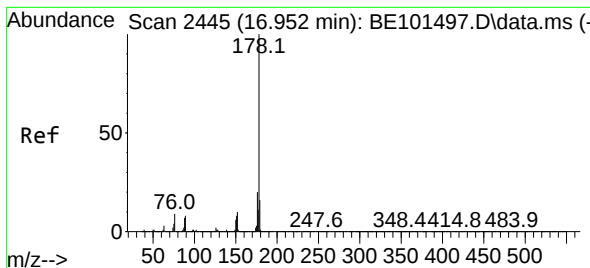
Ion Ratio Lower Upper

266 100

268 63.3 52.0 78.0

264 62.2 49.6 74.4





#71

Phenanthrene

Concen: 52.403 ng

RT: 16.954 min Scan# 2445

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

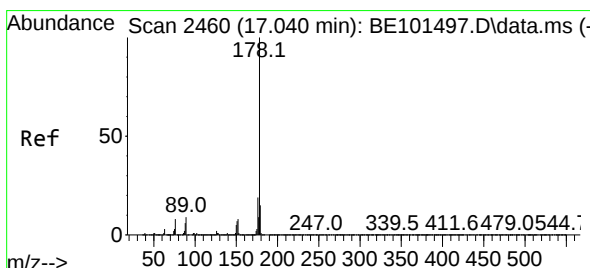
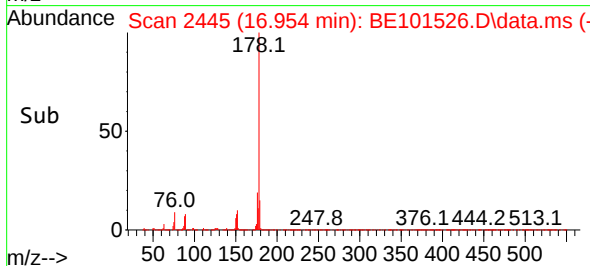
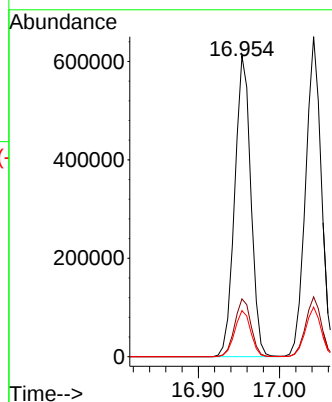
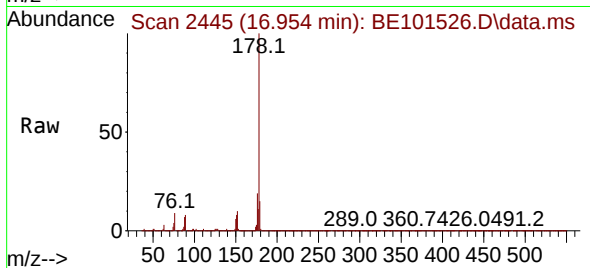
Tgt Ion:178 Resp: 840142

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 15.3 12.6 19.0



#72

Anthracene

Concen: 55.433 ng

RT: 17.042 min Scan# 2460

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

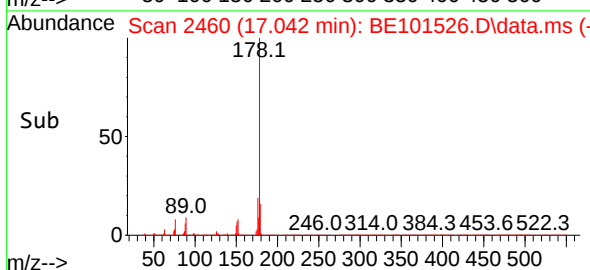
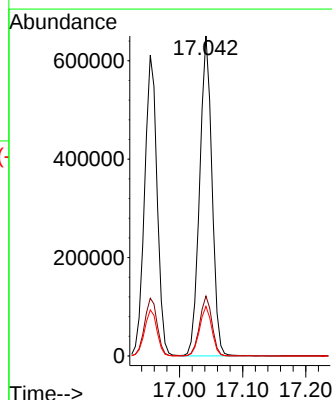
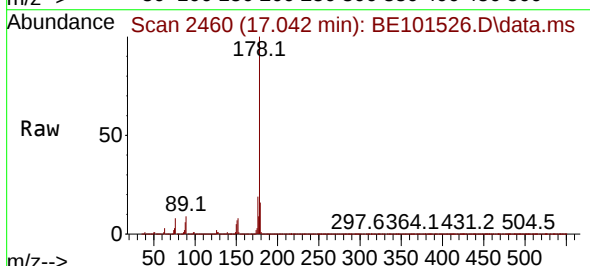
Tgt Ion:178 Resp: 877643

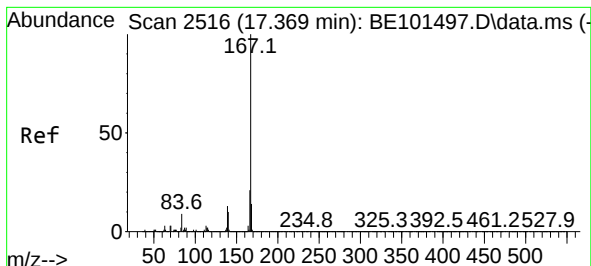
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 51.087 ng

RT: 17.371 min Scan# 2516

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

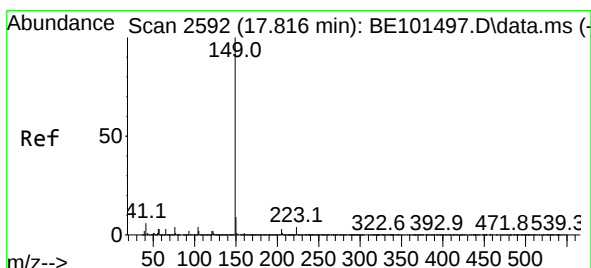
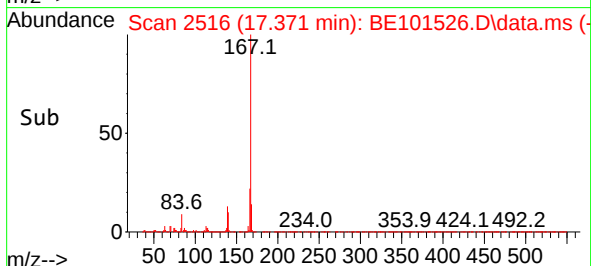
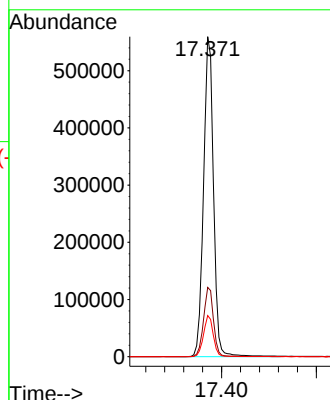
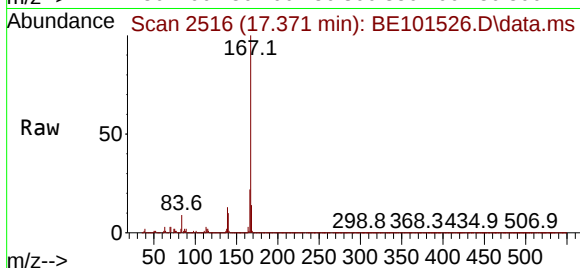
Tgt Ion:167 Resp: 811124

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: 51.588 ng

RT: 17.817 min Scan# 2592

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

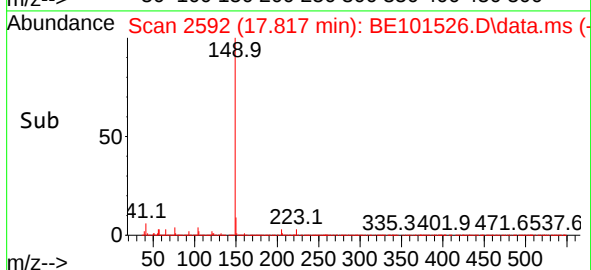
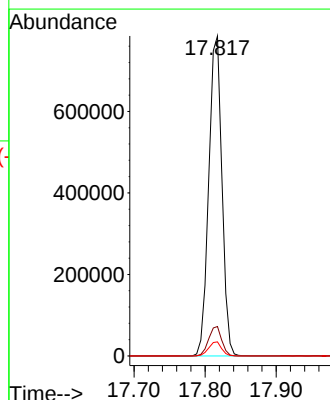
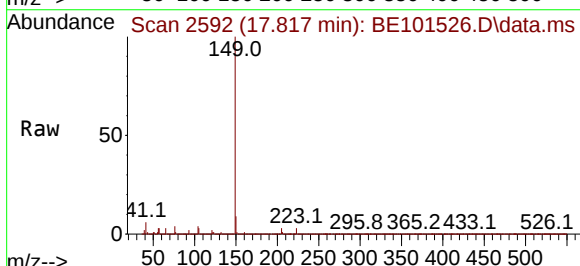
Tgt Ion:149 Resp: 1011504

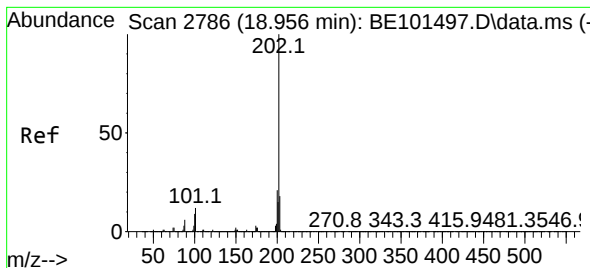
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.4 3.4 5.2





#75

Fluoranthene

Concen: 50.006 ng

RT: 18.963 min Scan# 21

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

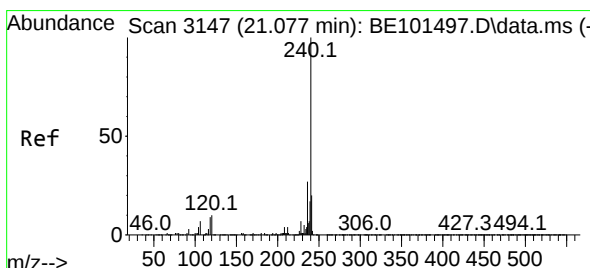
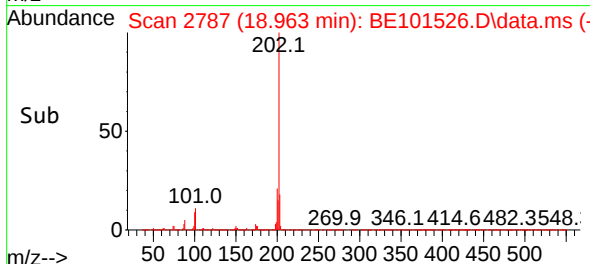
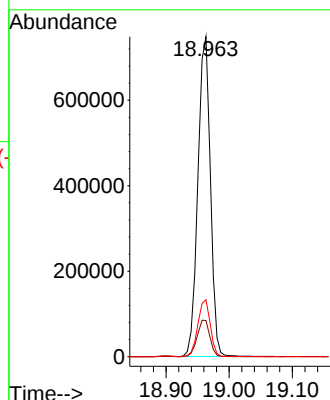
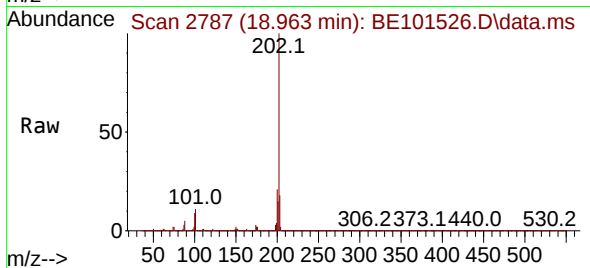
Tgt Ion:202 Resp: 1027924

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.7

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.078 min Scan# 3147

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

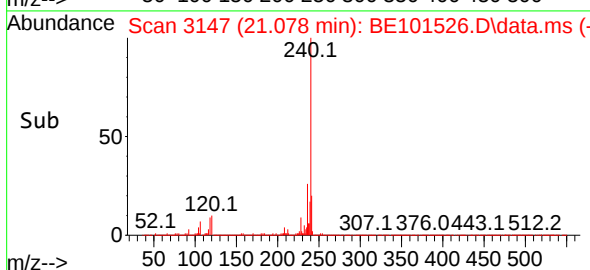
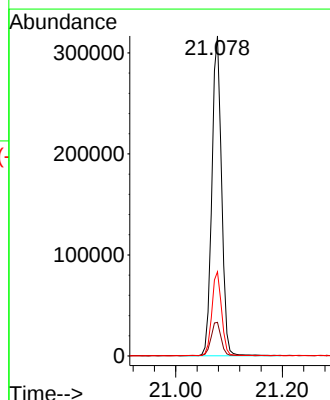
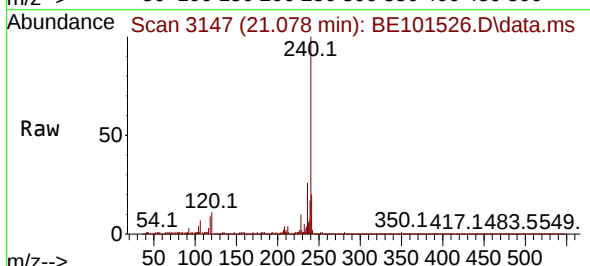
Tgt Ion:240 Resp: 398877

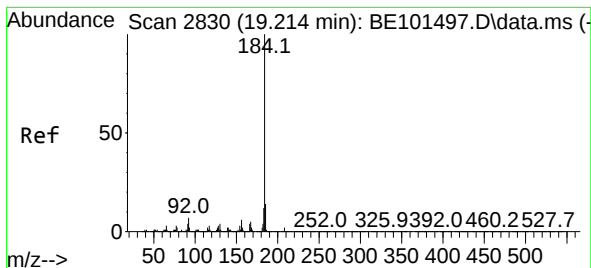
Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.4

236 26.3 21.4 32.2





#77

Benzidine

Concen: 65.171 ng

RT: 19.216 min Scan# 2830

Delta R.T. 0.002 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

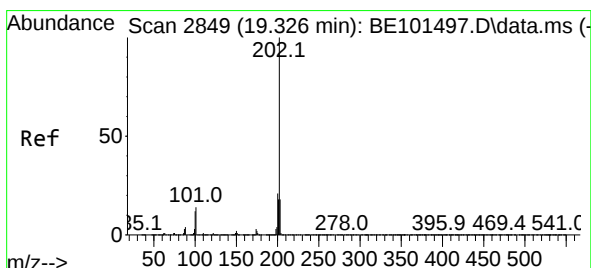
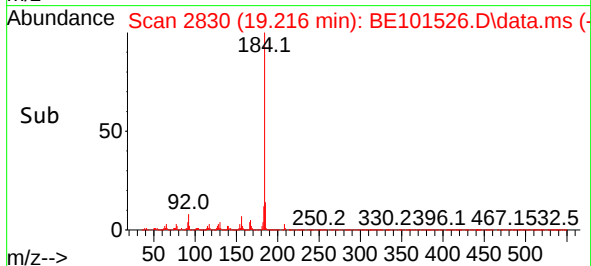
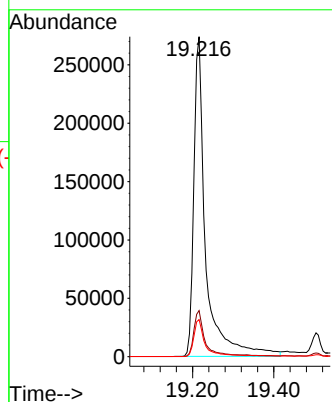
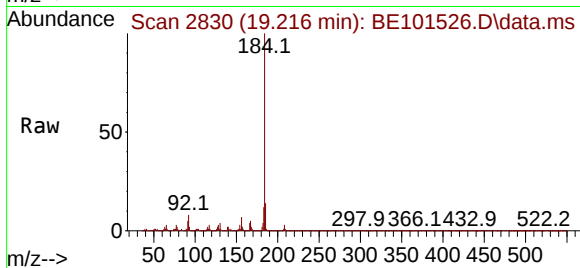
Tgt Ion:184 Resp: 558403

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

183 11.6 9.4 14.0



#78

Pyrene

Concen: 47.938 ng

RT: 19.333 min Scan# 2850

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

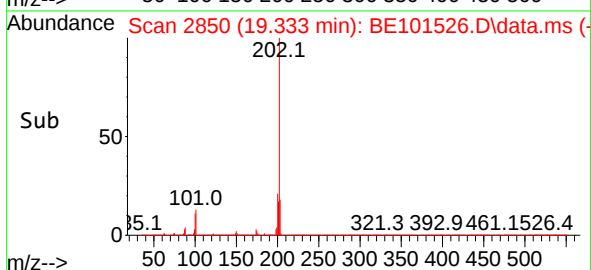
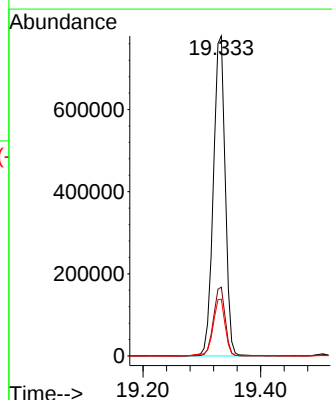
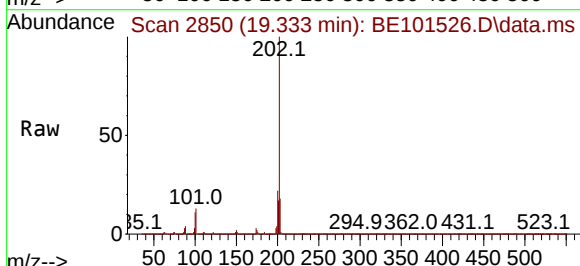
Tgt Ion:202 Resp: 1087976

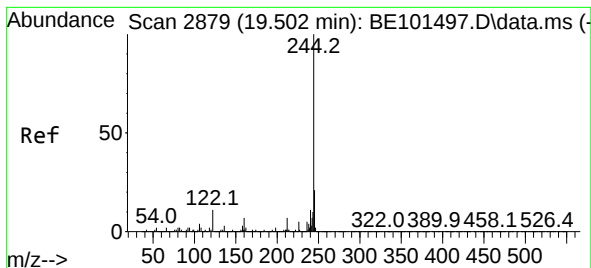
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 100.507 ng

RT: 19.504 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

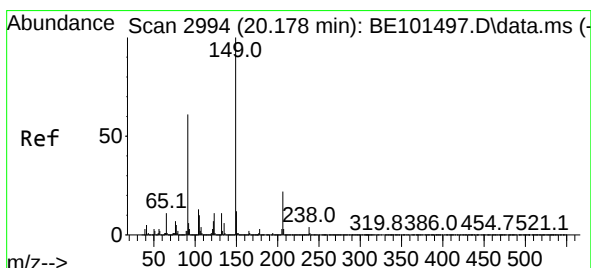
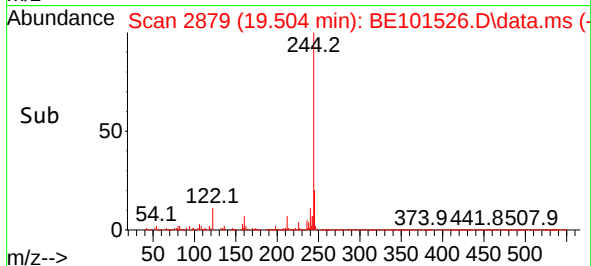
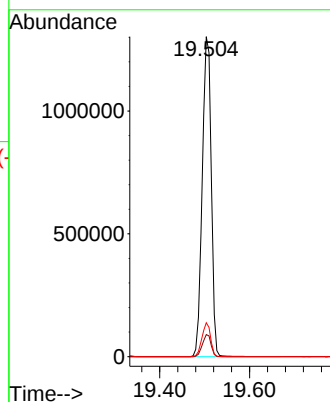
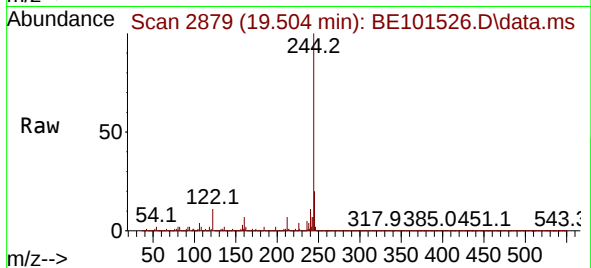
Tgt Ion:244 Resp: 1811097

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.6 8.4 12.6



#80

Butylbenzylphthalate

Concen: 48.538 ng

RT: 20.173 min Scan# 2993

Delta R.T. -0.004 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

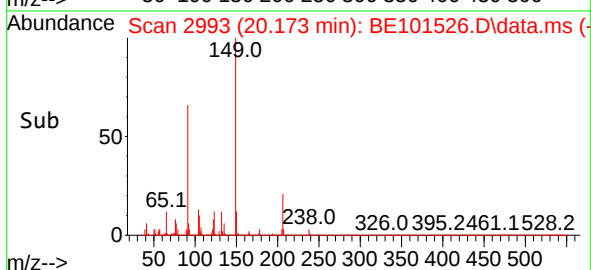
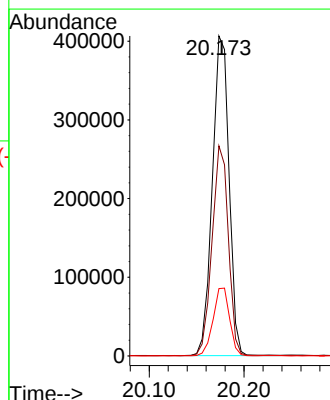
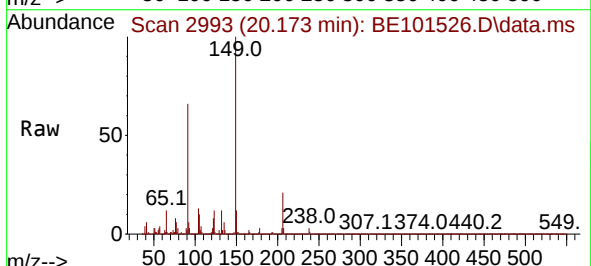
Tgt Ion:149 Resp: 495051

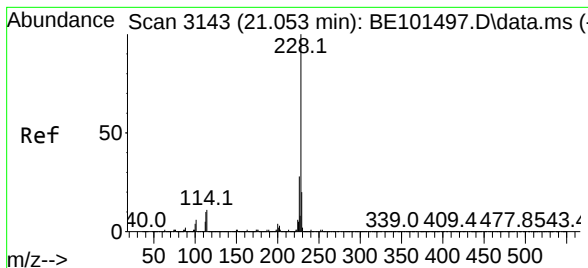
Ion Ratio Lower Upper

149 100

91 65.6 49.2 73.8

206 21.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 52.784 ng

RT: 21.055 min Scan# 3143

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

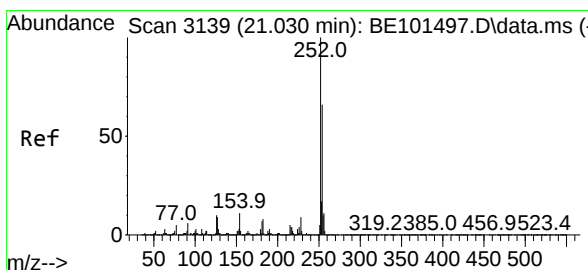
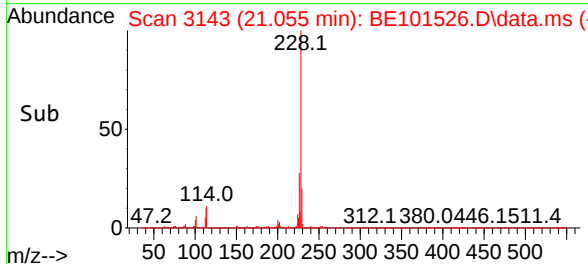
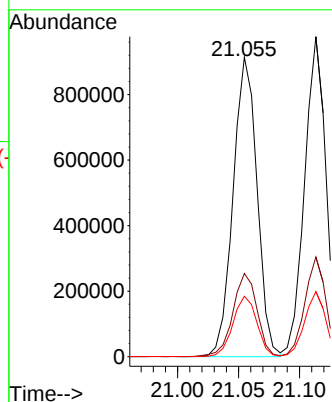
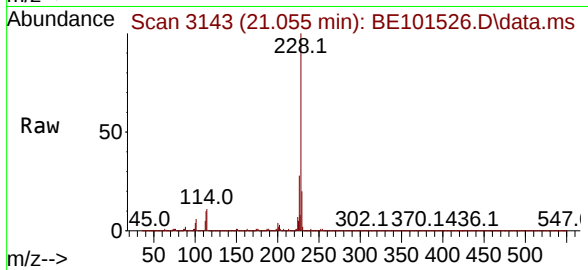
Tgt Ion:228 Resp: 1250431

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 52.546 ng

RT: 21.031 min Scan# 3139

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

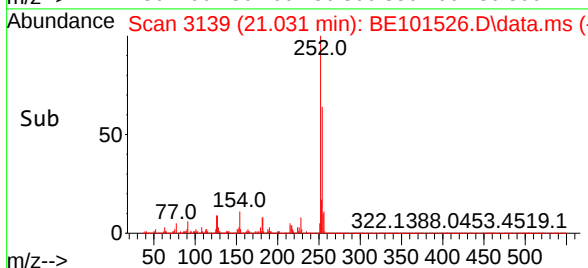
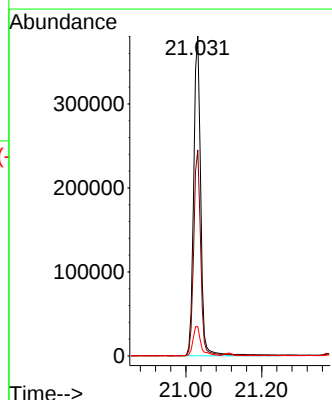
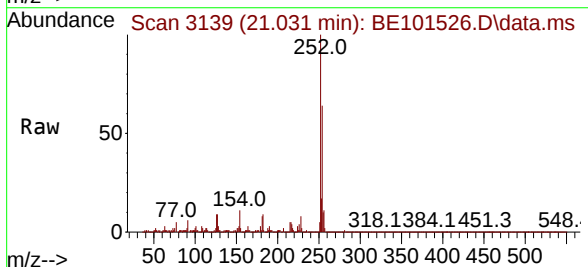
Tgt Ion:252 Resp: 490013

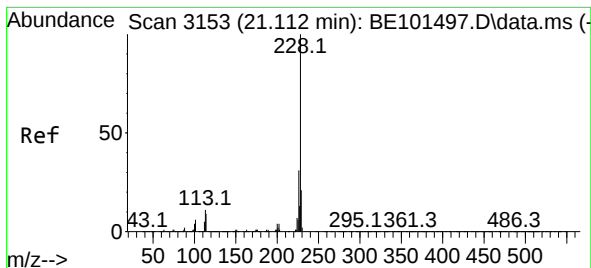
Ion Ratio Lower Upper

252 100

254 64.4 52.9 79.3

126 9.2 7.8 11.6





#83

Chrysene

Concen: 53.297 ng

RT: 21.113 min Scan# 3153

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

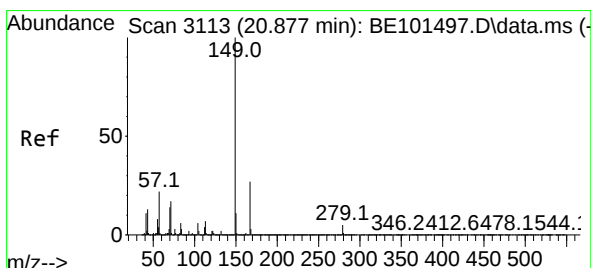
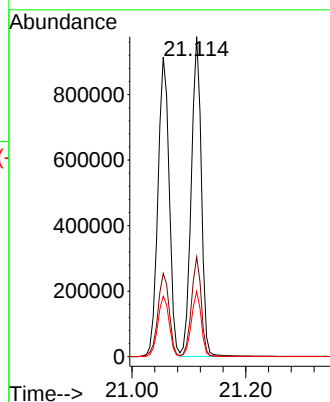
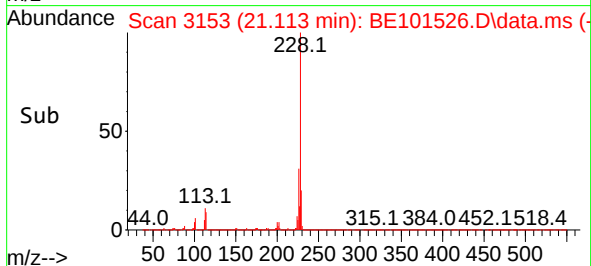
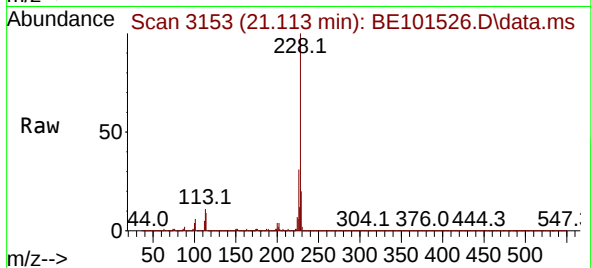
Tgt Ion:228 Resp: 1200091

Ion Ratio Lower Upper

228 100

226 31.1 25.1 37.7

229 20.4 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.236 ng

RT: 20.878 min Scan# 3113

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

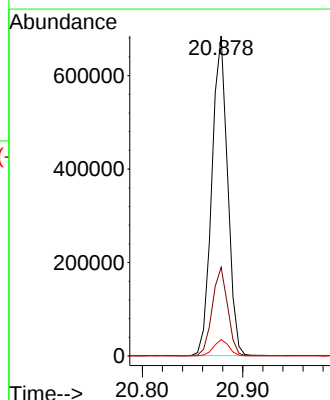
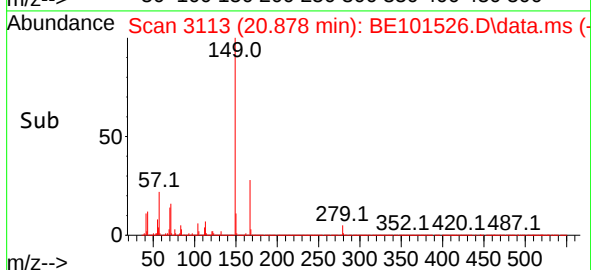
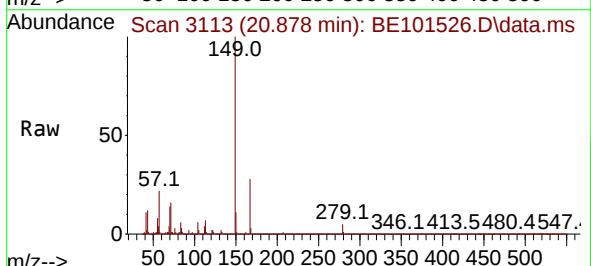
Tgt Ion:149 Resp: 743811

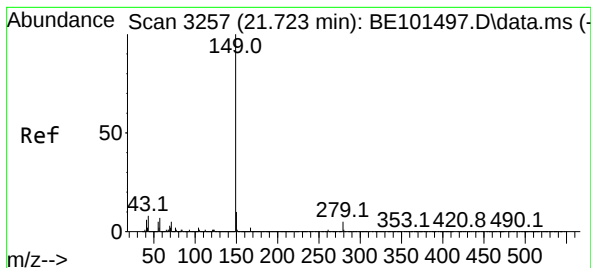
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 5.1 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 54.266 ng

RT: 21.725 min Scan# 31

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

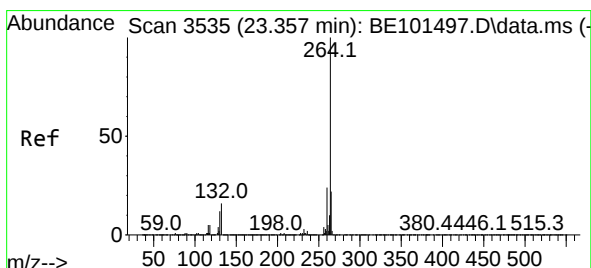
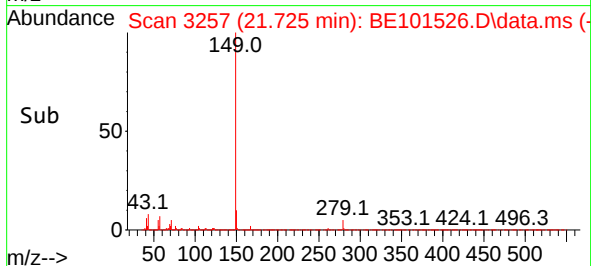
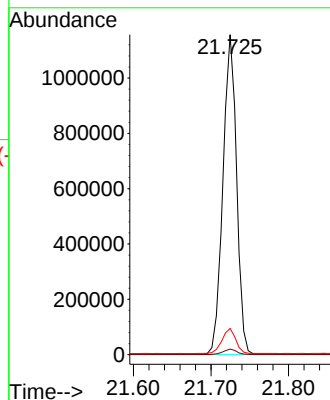
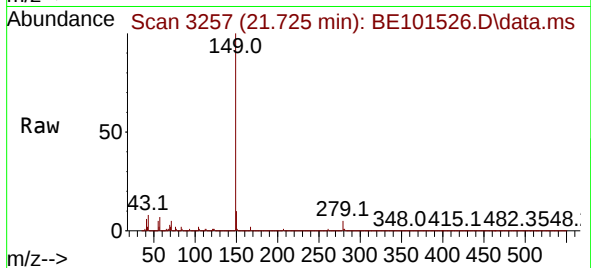
Tgt Ion:149 Resp: 1415618

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.364 min Scan# 3536

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

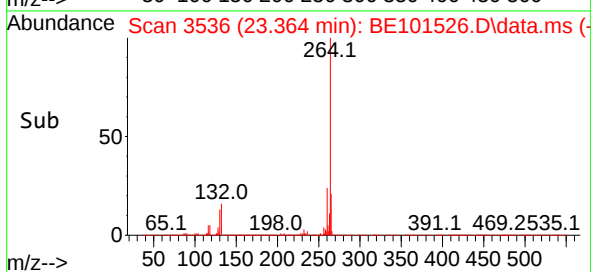
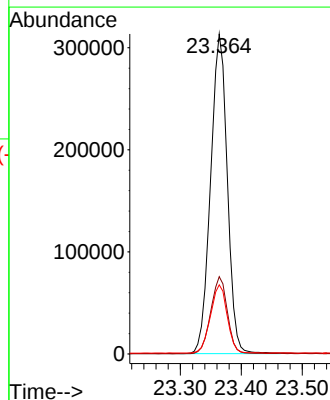
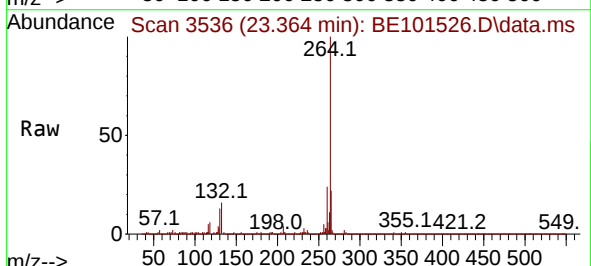
Tgt Ion:264 Resp: 597010

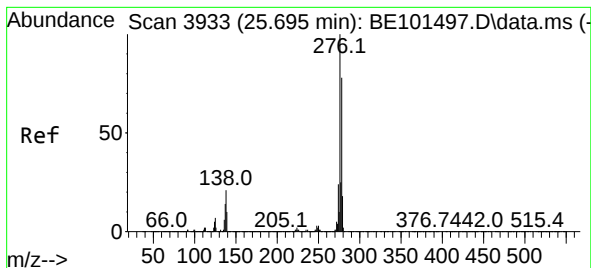
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.429 ng

RT: 25.714 min Scan# 3936

Delta R.T. 0.019 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

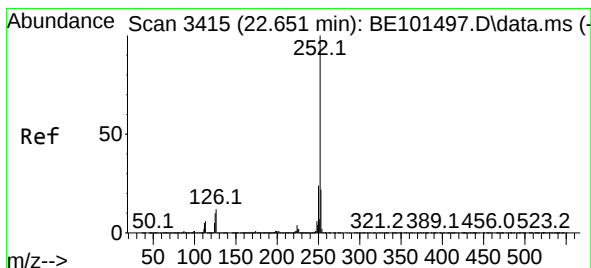
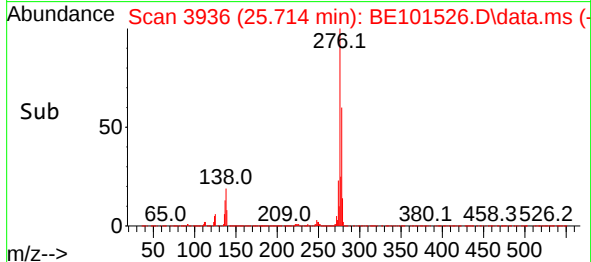
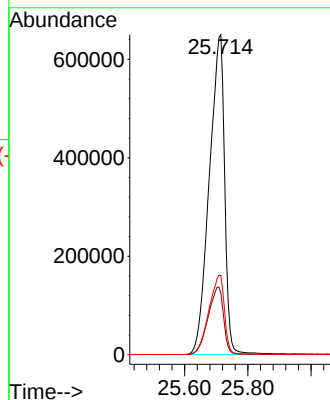
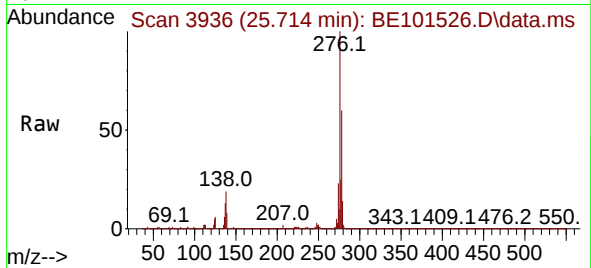
Tgt Ion:276 Resp: 2192010

Ion Ratio Lower Upper

276 100

138 21.2 17.0 25.6

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.419 ng

RT: 22.659 min Scan# 3416

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

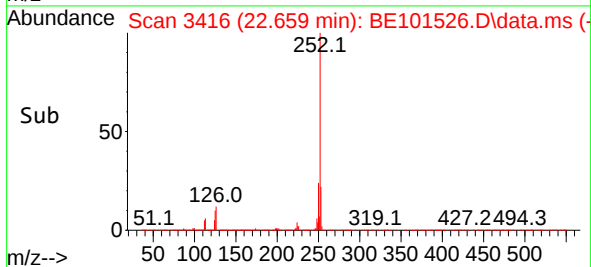
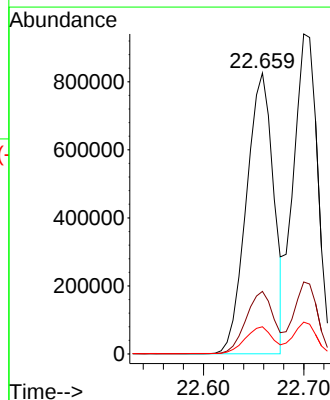
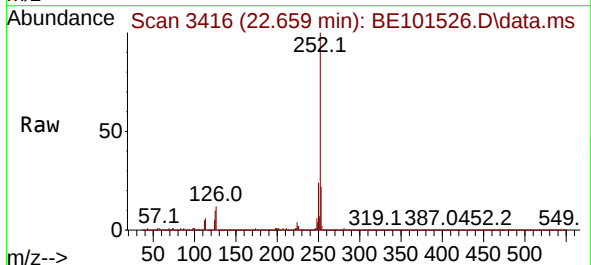
Tgt Ion:252 Resp: 1553173

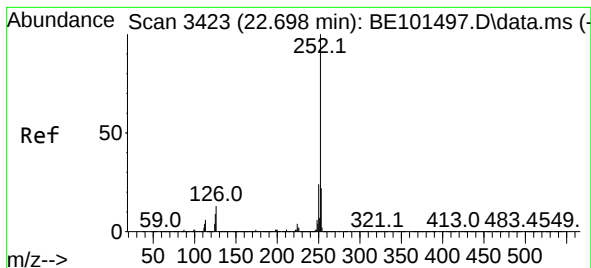
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.7 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 53.377 ng

RT: 22.700 min Scan# 34

Delta R.T. 0.001 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

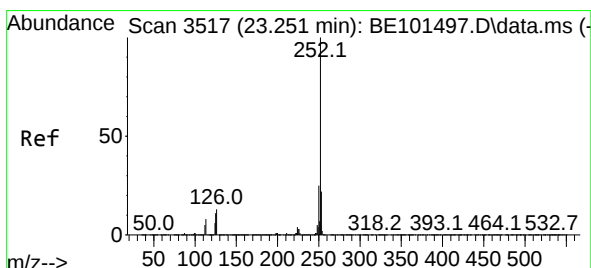
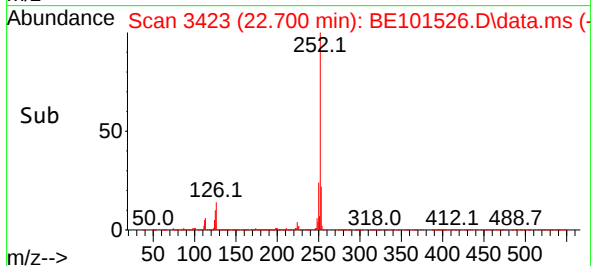
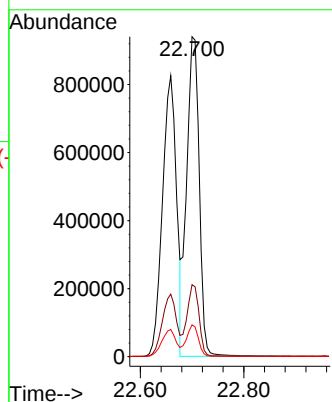
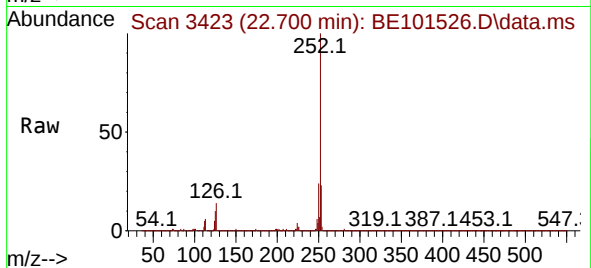
Tgt Ion:252 Resp: 1587100

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 10.0 7.7 11.5



#90

Benzo(a)pyrene

Concen: 54.415 ng

RT: 23.258 min Scan# 3518

Delta R.T. 0.007 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

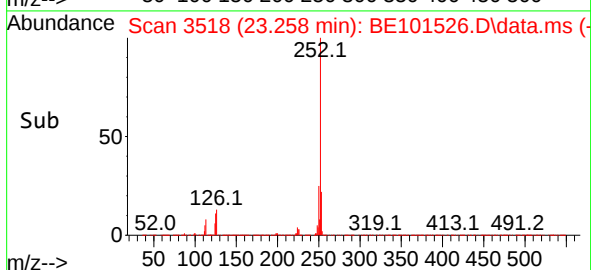
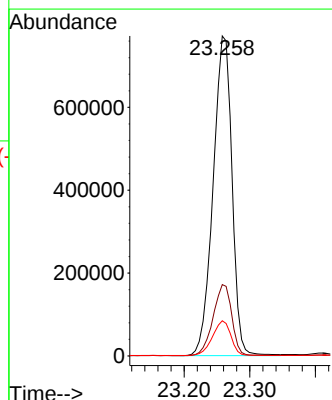
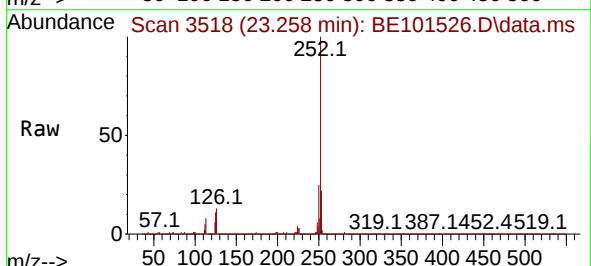
Tgt Ion:252 Resp: 1538755

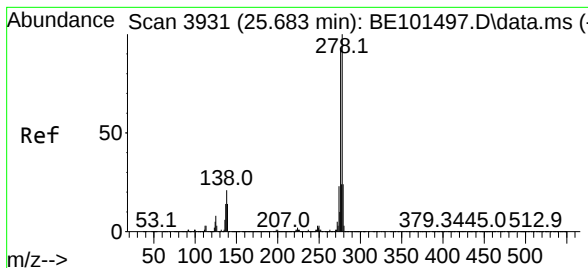
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.0 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 52.917 ng

RT: 25.702 min Scan# 3931

Delta R.T. 0.019 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Instrument :

BNA_E

ClientSampleId :

PB164711BS

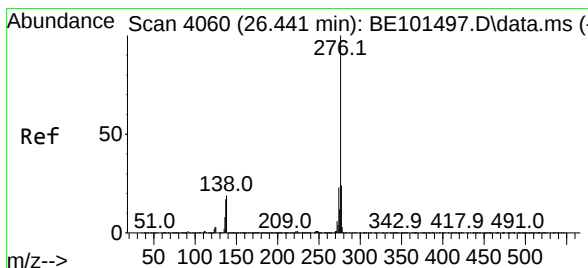
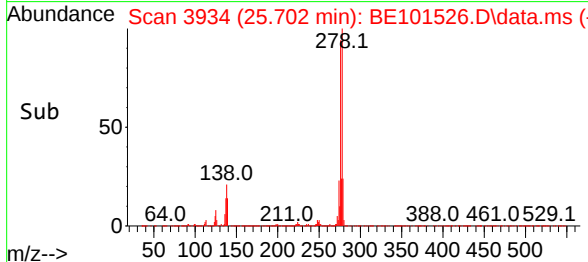
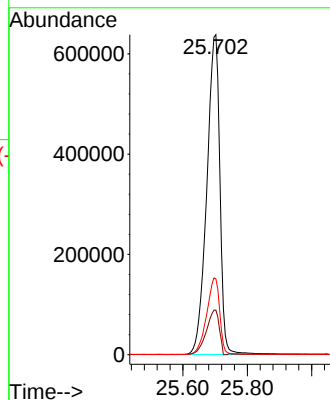
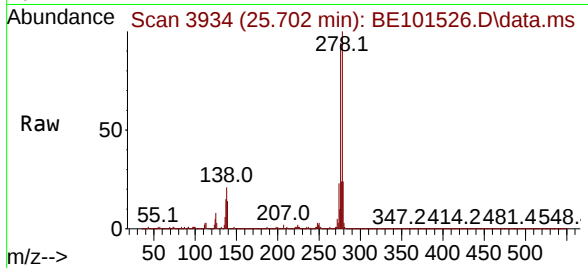
Tgt Ion:278 Resp: 1808041

Ion Ratio Lower Upper

278 100

139 14.0 11.2 16.8

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.756 ng

RT: 26.454 min Scan# 4062

Delta R.T. 0.013 min

Lab File: BE101526.D

Acq: 7 Nov 2024 12:02

Tgt Ion:276 Resp: 1657757

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 18.4 15.3 22.9

