

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101375.D
 Acq On : 19 Sep 2024 12:34
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 19 13:11:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	143033	20.000	ng	0.00
21) Naphthalene-d8	10.342	136	677968	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	488431	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1127269	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1344600	20.000	ng	0.00
86) Perylene-d12	23.374	264	1656699	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1168021	142.780	ng	0.00
7) Phenol-d6	6.952	99	1582426	136.452	ng	0.00
23) Nitrobenzene-d5	8.786	82	1124812	105.183	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	1219073	148.392	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	2876723	101.778	ng	0.00
79) Terphenyl-d14	19.520	244	4583382	75.583	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.221	88	30045	9.645	ng	98
3) Pyridine	3.756	79	37407	4.169	ng	# 88
4) n-Nitrosodimethylamine	3.615	42	29143	9.040	ng	# 93
6) Aniline	7.017	93	114287	11.746	ng	98
8) 2-Chlorophenol	7.217	128	90405	9.197	ng	98
9) Benzaldehyde	6.788	77	69197	12.983	ng	97
10) Phenol	6.976	94	108461	8.509	ng	98
11) bis(2-Chloroethyl)ether	7.017	93	114287	10.594	ng	# 32
12) 1,3-Dichlorobenzene	7.458	146	95898	9.077	ng	99
13) 1,4-Dichlorobenzene	7.605	146	97382	9.047	ng	98
14) 1,2-Dichlorobenzene	7.934	146	96810	9.076	ng	99
15) Benzyl Alcohol	7.916	79	74559	10.797	ng	86
16) 2,2'-oxybis(1-Chloropr...	8.075	45	132254	9.727	ng	98
17) 2-Methylphenol	8.157	107	71110	8.419	ng	100
18) Hexachloroethane	8.633	117	31797	9.033	ng	98
19) n-Nitroso-di-n-propyla...	8.380	70	69076	8.440	ng	97
20) 3+4-Methylphenols	8.498	107	96283	8.102	ng	98
22) Acetophenone	8.427	105	146750	9.334	ng	# 99
24) Nitrobenzene	8.827	77	107245	9.393	ng	98
25) Isophorone	9.279	82	199846	9.129	ng	99
26) 2-Nitrophenol	9.514	139	46746	8.676	ng	96
27) 2,4-Dimethylphenol	9.632	122	50858	7.352	ng	99
28) bis(2-Chloroethoxy)met...	9.784	93	119501	9.024	ng	98
29) 2,4-Dichlorophenol	10.060	162	82161	8.674	ng	97
30) 1,2,4-Trichlorobenzene	10.190	180	93601	9.143	ng	99
31) Naphthalene	10.390	128	318756	9.318	ng	99
32) Benzoic acid	9.825	122	27252	10.474	ng	95
33) 4-Chloroaniline	10.619	127	122789	9.382	ng	100
34) Hexachlorobutadiene	10.642	225	52758	8.870	ng	98
35) Caprolactam	11.400	113	29368	7.674	ng	96
36) 4-Chloro-3-methylphenol	11.788	107	92652	8.278	ng	98
37) 2-Methylnaphthalene	11.982	142	225501	9.014	ng	99
38) 1-Methylnaphthalene	12.205	142	216320	8.619	ng	98
40) 1,2,4,5-Tetrachloroben...	12.334	216	110416	9.384	ng	100
41) Hexachlorocyclopentadiene	12.323	237	32252	8.342	ng	95
43) 2,4,6-Trichlorophenol	12.657	196	71472	8.577	ng	98

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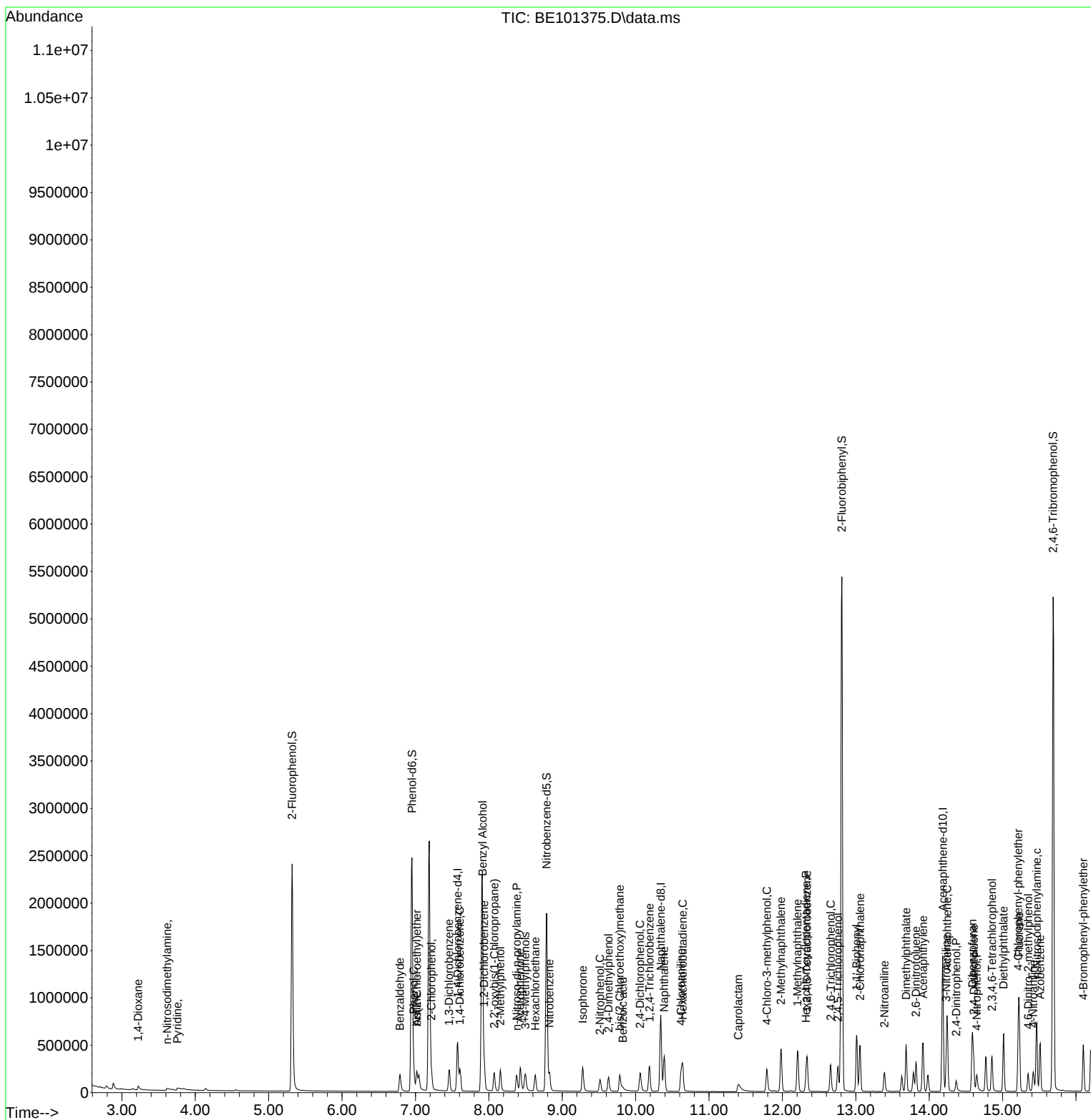
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	77663	8.261	ng	96
46) 1,1'-Biphenyl	13.010	154	324002	9.789	ng	98
47) 2-Chloronaphthalene	13.057	162	235016	9.026	ng	98
48) 2-Nitroaniline	13.392	65	56452	8.059	ng	96
49) Acenaphthylene	13.915	152	387152	9.965	ng	98
50) Dimethylphthalate	13.686	163	327613	9.295	ng	98
51) 2,6-Dinitrotoluene	13.821	165	65917	8.357	ng	98
52) Acenaphthene	14.244	154	231741	9.049	ng	98
53) 3-Nitroaniline	14.232	138	67883	8.367	ng	95
54) 2,4-Dinitrophenol	14.367	184	27446	5.845	ng	93
55) Dibenzofuran	14.590	168	390203	9.646	ng	97
56) 4-Nitrophenol	14.649	139	58806	8.718	ng	96
57) 2,4-Dinitrotoluene	14.608	165	84645	7.883	ng	92
58) Fluorene	15.225	166	313737	9.205	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.855	232	78261	8.802	ng	97
60) Diethylphthalate	15.013	149	343310	9.389	ng	98
61) 4-Chlorophenyl-phenyle...	15.213	204	150758	9.017	ng	98
62) 4-Nitroaniline	15.419	138	71455	8.451	ng	97
63) Azobenzene	15.513	77	292927	9.374	ng	98
65) 4,6-Dinitro-2-methylph...	15.348	198	43461	6.790	ng	92
66) n-Nitrosodiphenylamine	15.466	169	279076	9.288	ng	100
67) 4-Bromophenyl-phenylether	16.100	248	102547	8.757	ng	98
68) Hexachlorobenzene	16.206	284	131895	8.715	ng	99
69) Atrazine	16.394	200	105911	10.674	ng	99
70) Pentachlorophenol	16.612	266	68010	7.521	ng	97
71) Phenanthrene	16.964	178	534458	9.983	ng	98
72) Anthracene	17.046	178	506970	9.731	ng	97
73) Carbazole	17.381	167	521552	9.769	ng	98
74) Di-n-butylphthalate	17.828	149	599543	10.227	ng	# 95
75) Fluoranthene	18.968	202	658615	10.219	ng	94
77) Benzidine	19.220	184	241403	10.818	ng	98
78) Pyrene	19.338	202	713992	9.548	ng	92
80) Butylbenzylphthalate	20.190	149	308805	9.328	ng	99
81) Benzo(a)anthracene	21.059	228	780259	10.333	ng	92
82) 3,3'-Dichlorobenzidine	21.042	252	285081	9.635	ng	98
83) Chrysene	21.118	228	754529	10.402	ng	92
84) Bis(2-ethylhexyl)phtha...	20.895	149	406702	9.290	ng	93
85) Di-n-octyl phthalate	21.741	149	715971	10.019	ng	99
87) Indeno(1,2,3-cd)pyrene	25.689	276	1071939	9.821	ng	98
88) Benzo(b)fluoranthene	22.663	252	816498	9.516	ng	95
89) Benzo(k)fluoranthene	22.704	252	860974	10.631	ng	94
90) Benzo(a)pyrene	23.263	252	766260	10.119	ng	97
91) Dibenzo(a,h)anthracene	25.677	278	887923	9.717	ng	98
92) Benzo(g,h,i)perylene	26.435	276	833401	8.982	ng	98

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

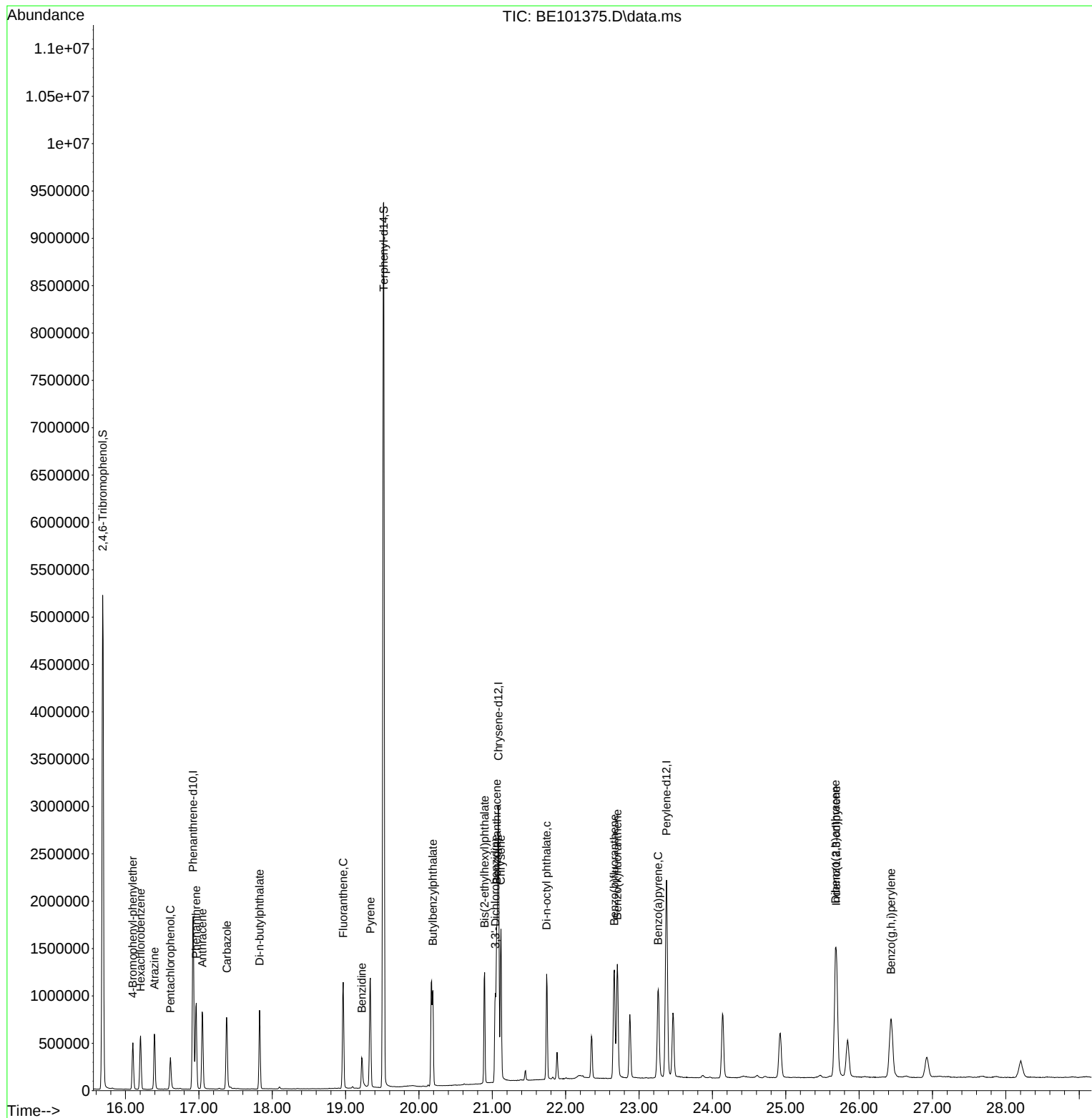
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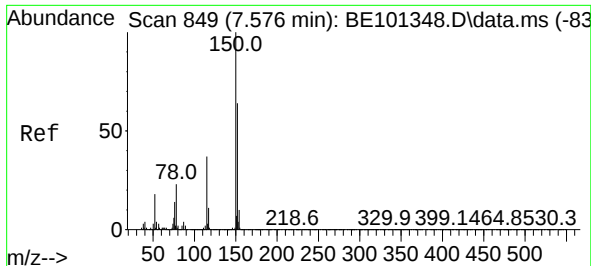


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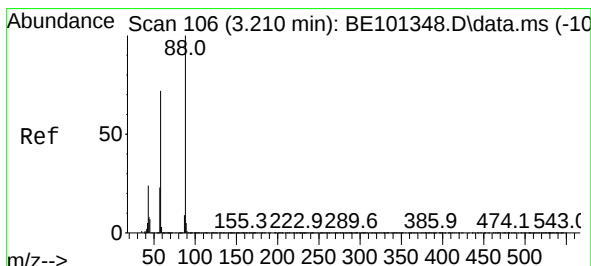
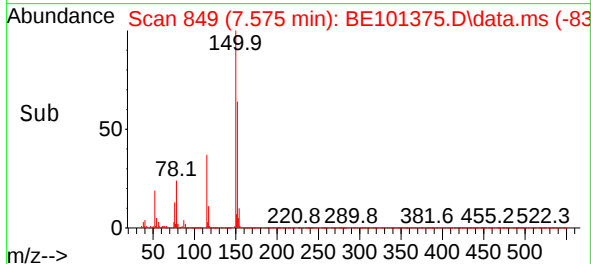
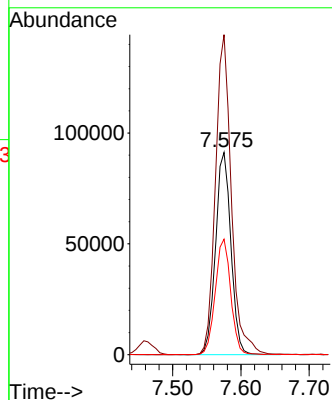
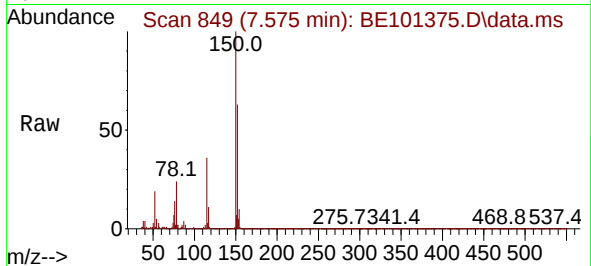




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

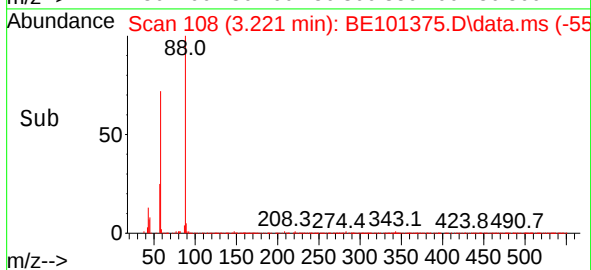
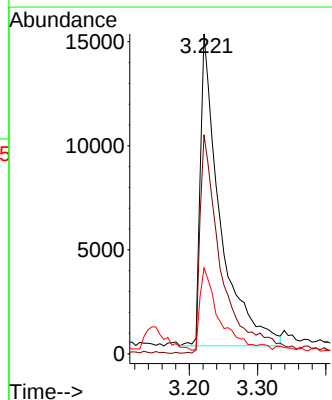
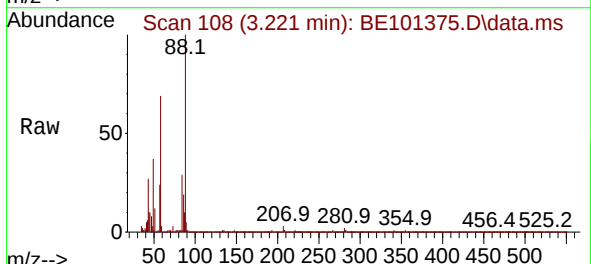
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ClientSampleId :

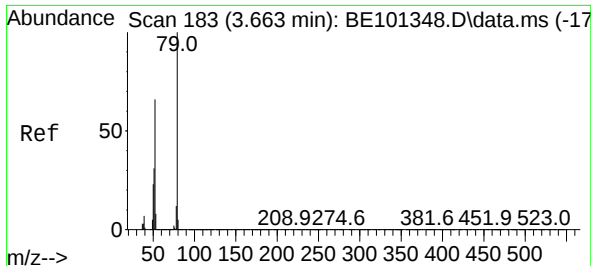
Tgt Ion:152 Resp: 143033
Ion Ratio Lower Upper
152 100
150 158.2 125.9 188.9
115 57.1 46.9 70.3



#2
1,4-Dioxane
Concen: 9.645 ng
RT: 3.221 min Scan# 108
Delta R.T. 0.011 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 88 Resp: 30045
Ion Ratio Lower Upper
88 100
58 75.5 58.8 88.2
43 25.3 19.4 29.2

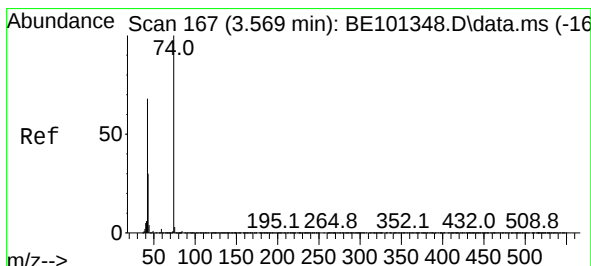
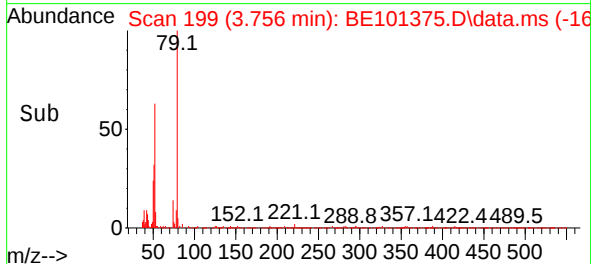
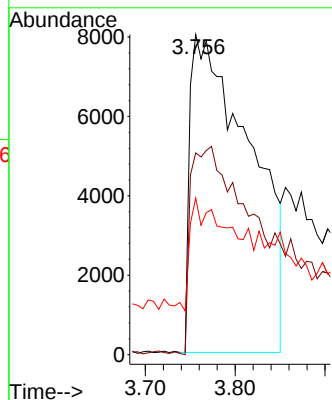
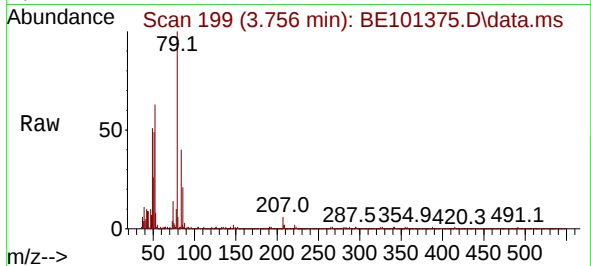




#3
Pyridine
Concen: 4.169 ng
RT: 3.756 min Scan# 11
Delta R.T. 0.093 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

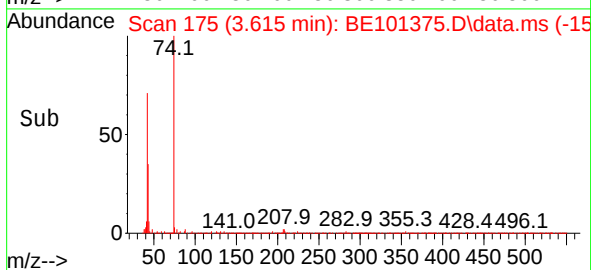
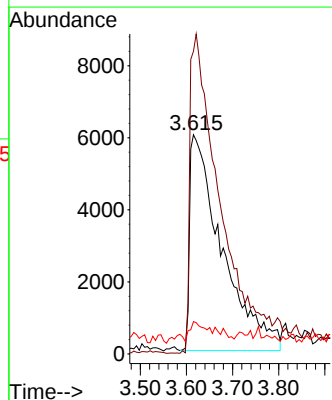
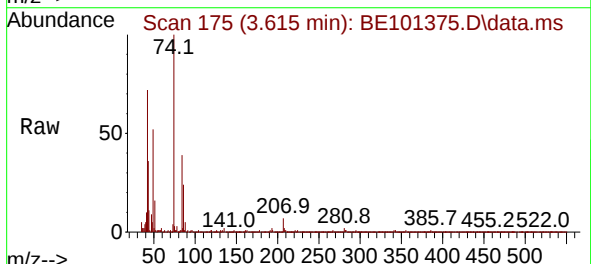
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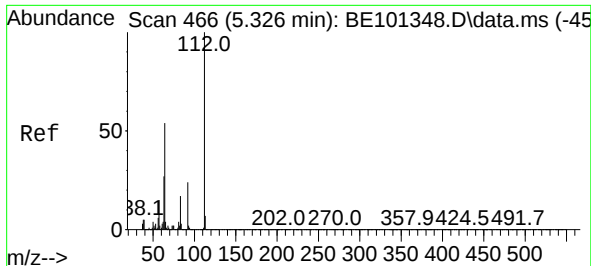
Tgt Ion: 79 Resp: 37407
Ion Ratio Lower Upper
79 100
52 63.1 52.6 78.8
51 48.9 26.2 39.2#



#4
n-Nitrosodimethylamine
Concen: 9.040 ng
RT: 3.615 min Scan# 175
Delta R.T. 0.046 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 42 Resp: 29143
Ion Ratio Lower Upper
42 100
74 138.1 117.0 175.4
44 14.7 5.9 8.9#

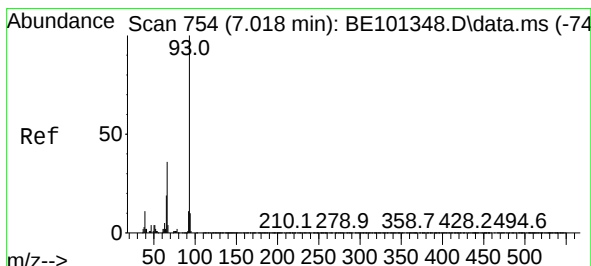
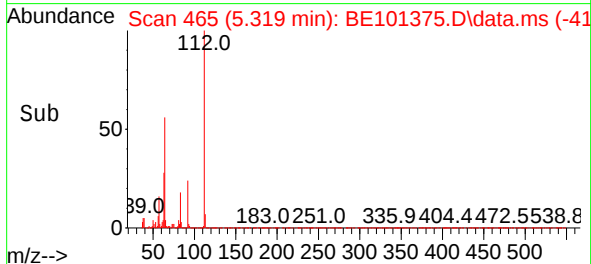
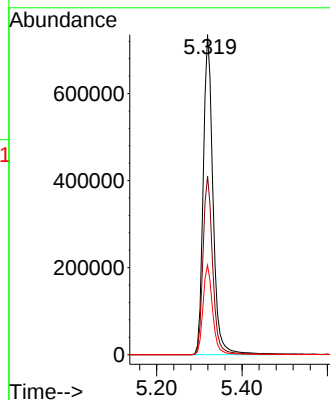
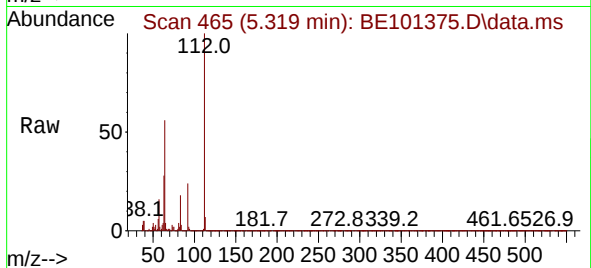




#5
2-Fluorophenol
Concen: 142.780 ng
RT: 5.319 min Scan# 466
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

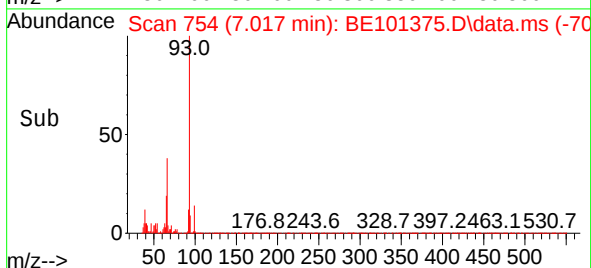
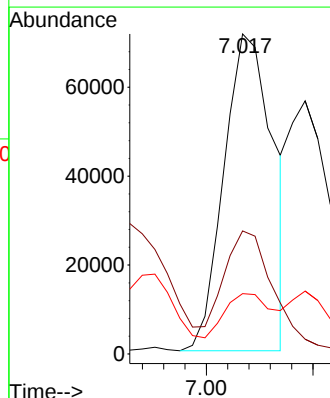
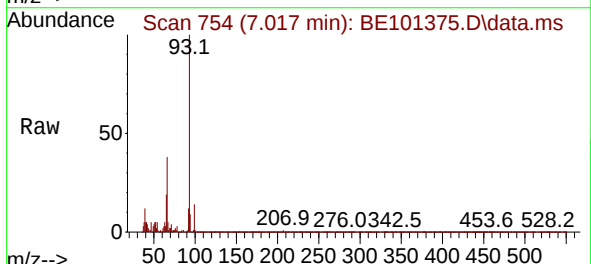
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BNA_E
ClientSampleId :

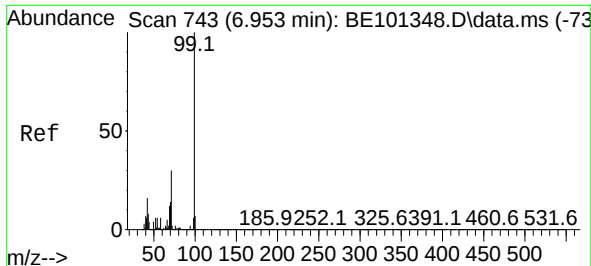
Tgt Ion:112 Resp: 1168021
Ion Ratio Lower Upper
112 100
64 55.9 42.8 64.2
63 28.0 21.3 31.9



#6
Aniline
Concen: 11.746 ng
RT: 7.017 min Scan# 754
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 93 Resp: 114287
Ion Ratio Lower Upper
93 100
66 38.4 30.0 45.0
65 18.9 15.8 23.8



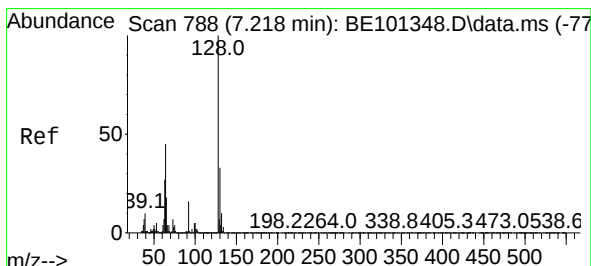
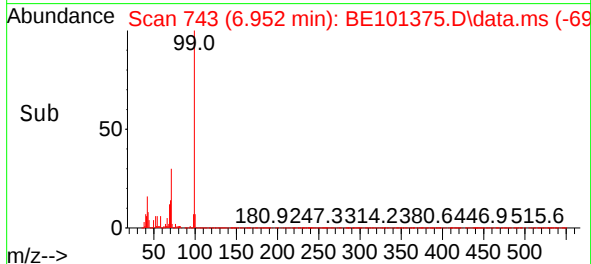
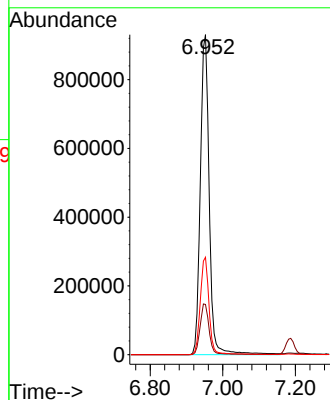
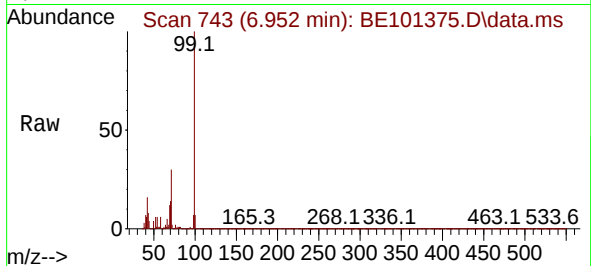


#7
Phenol-d6
Concen: 136.452 ng
RT: 6.952 min Scan# 743
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1582426

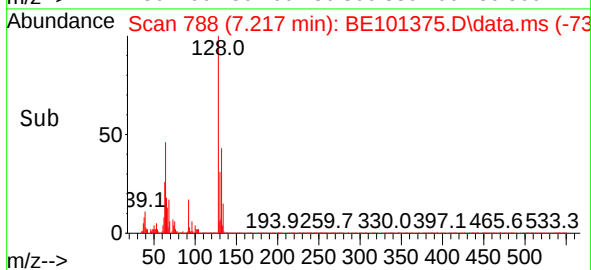
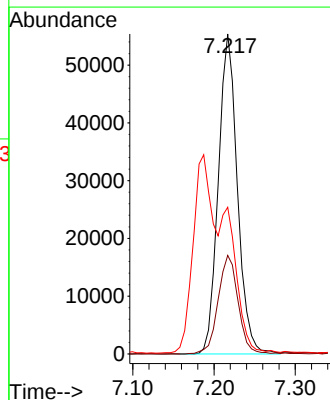
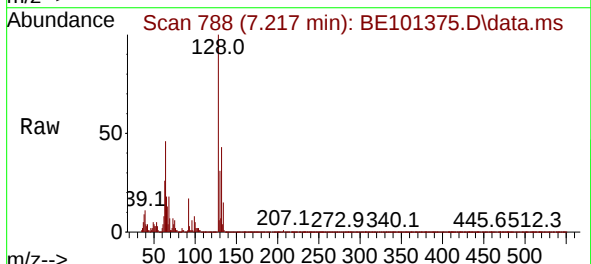
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	30.5	23.8	35.6

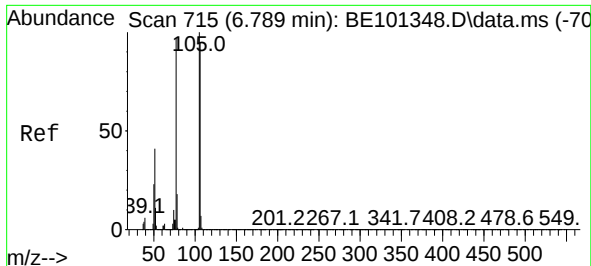


#8
2-Chlorophenol
Concen: 9.197 ng
RT: 7.217 min Scan# 788
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 128 Resp: 90405

Ion	Ratio	Lower	Upper
128	100		
130	30.8	12.8	52.8
64	45.9	24.9	64.9





#9

Benzaldehyde

Concen: 12.983 ng

RT: 6.788 min Scan# 715

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

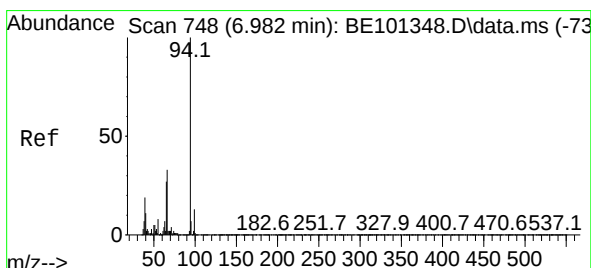
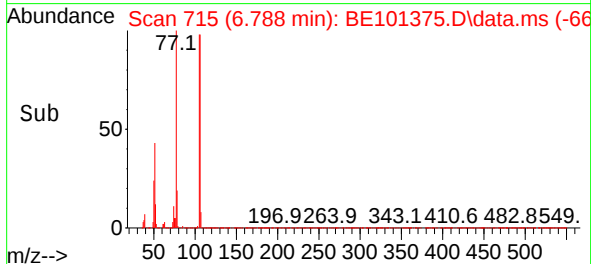
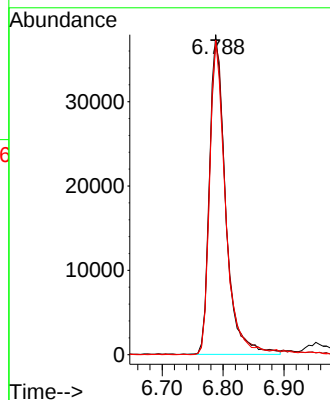
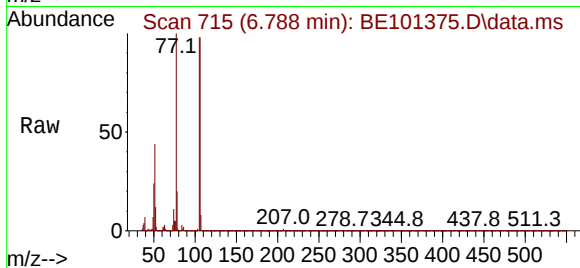
Tgt Ion: 77 Resp: 69197

Ion Ratio Lower Upper

77 100

105 97.5 82.8 122.8

106 98.3 77.9 117.9



#10

Phenol

Concen: 8.509 ng

RT: 6.976 min Scan# 747

Delta R.T. -0.007 min

Lab File: BE101375.D

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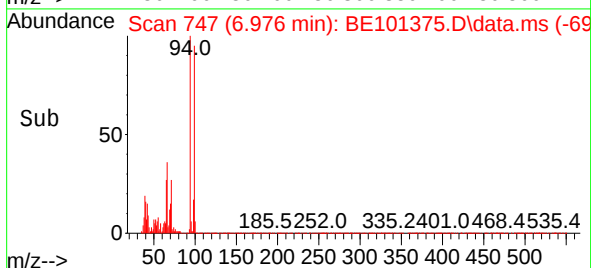
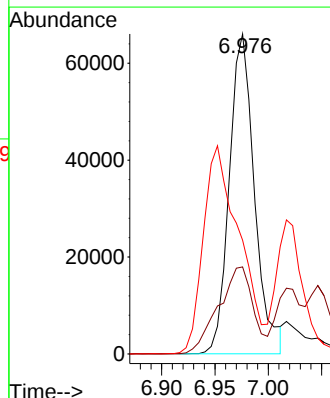
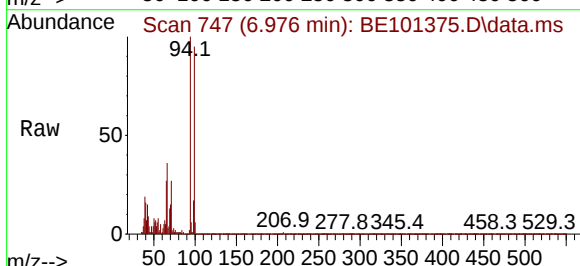
Tgt Ion: 94 Resp: 108461

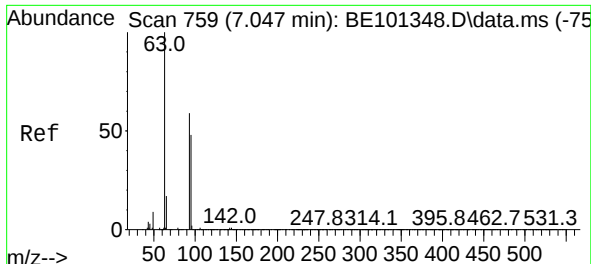
Ion Ratio Lower Upper

94 100

65 27.2 7.1 47.1

66 35.6 13.1 53.1

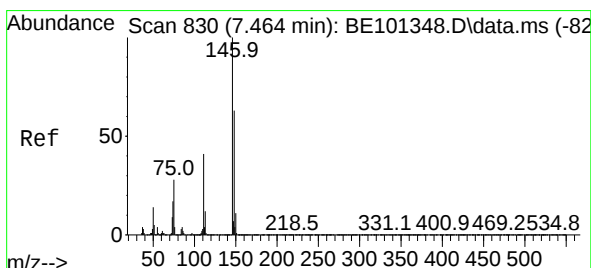
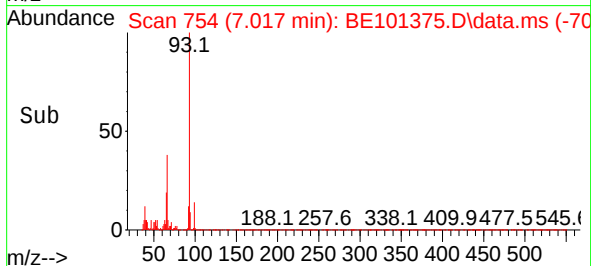
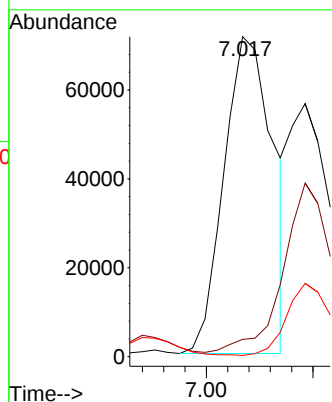
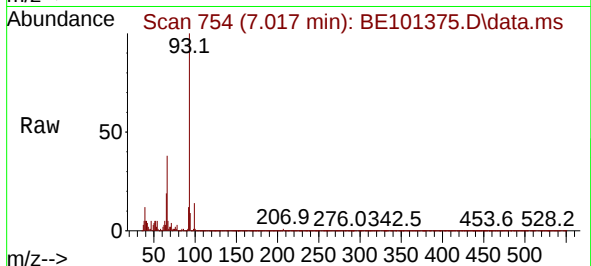




#11
bis(2-Chloroethyl)ether
Concen: 10.594 ng
RT: 7.017 min Scan# 701
Delta R.T. -0.030 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

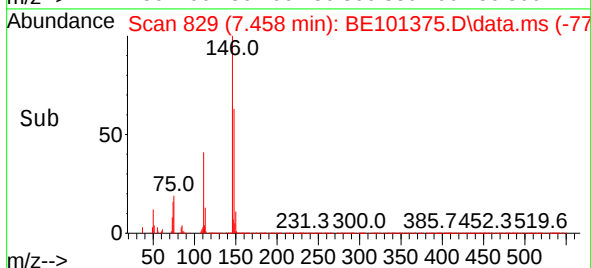
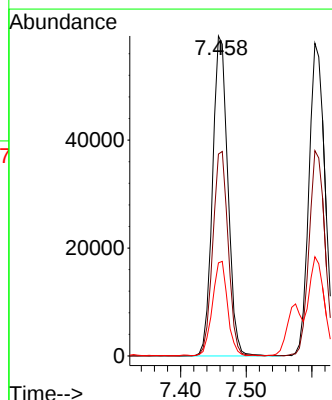
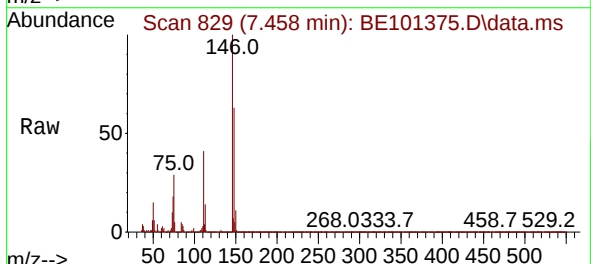
Instrument :
BNA_E
ClientSampleId :

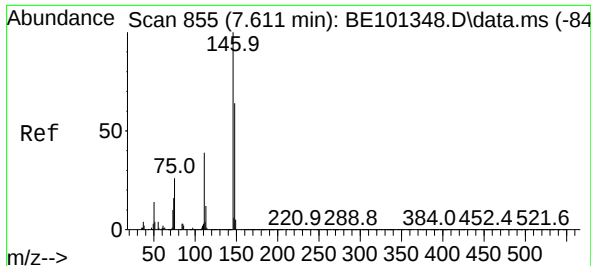
Tgt Ion: 93 Resp: 114287
Ion Ratio Lower Upper
93 100
63 5.4 43.7 83.7#
95 0.4 8.7 48.7#



#12
1,3-Dichlorobenzene
Concen: 9.077 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:146 Resp: 95898
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
75 29.1 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 9.047 ng

RT: 7.605 min Scan# 855

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

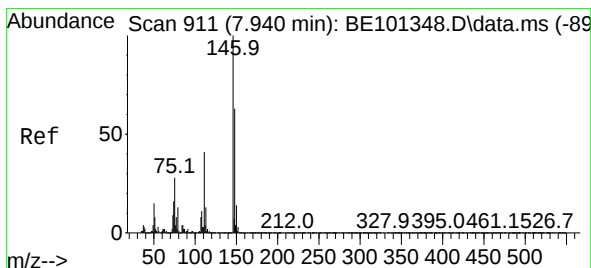
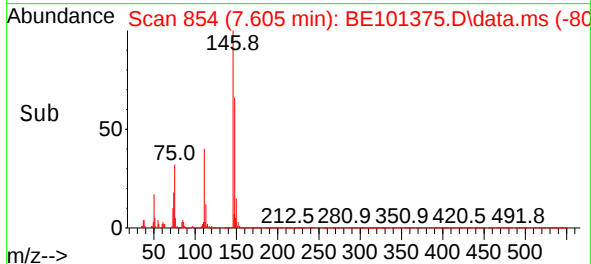
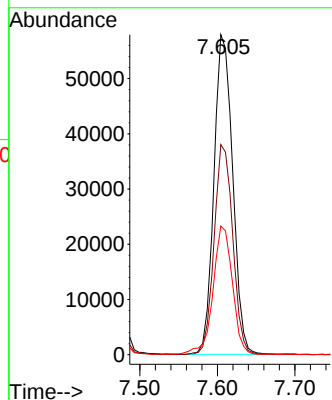
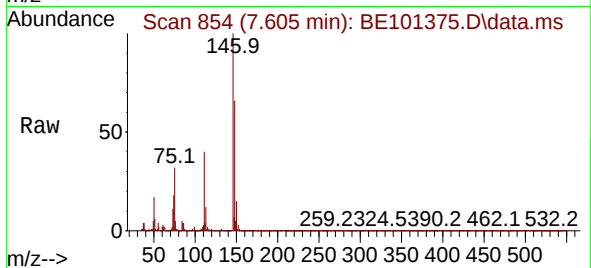
Tgt Ion:146 Resp: 97382

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

111 40.2 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 9.076 ng

RT: 7.934 min Scan# 910

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

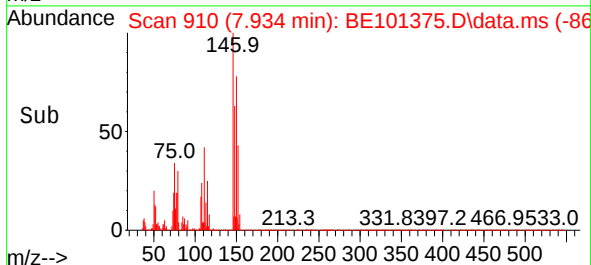
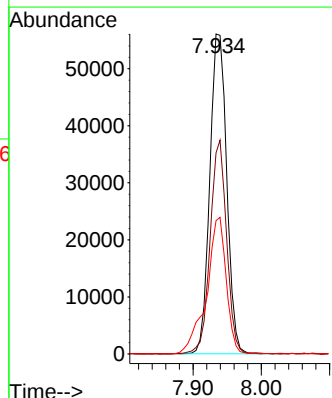
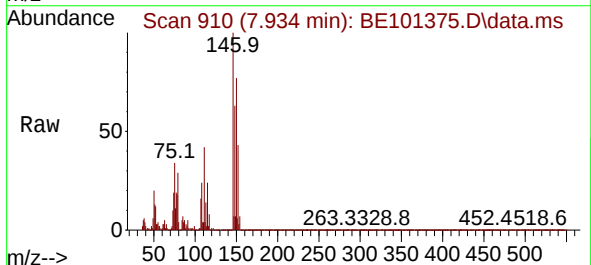
Tgt Ion:146 Resp: 96810

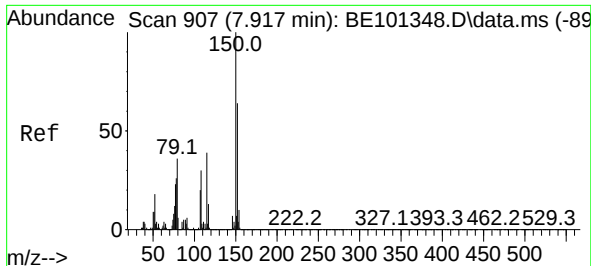
Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

111 41.7 32.6 48.8

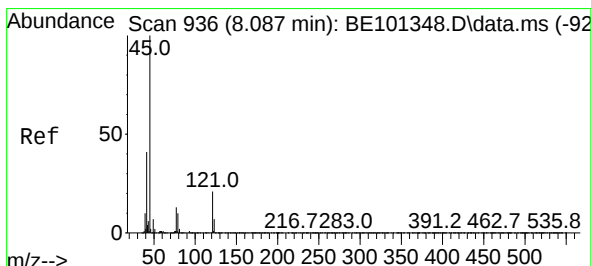
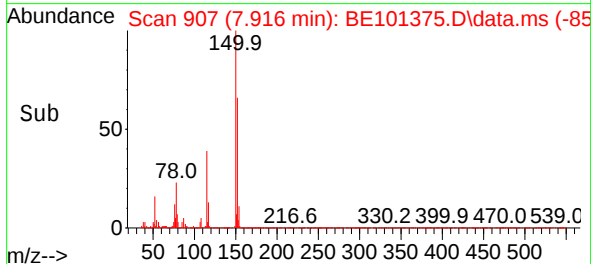
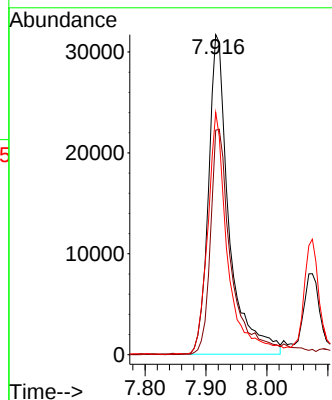
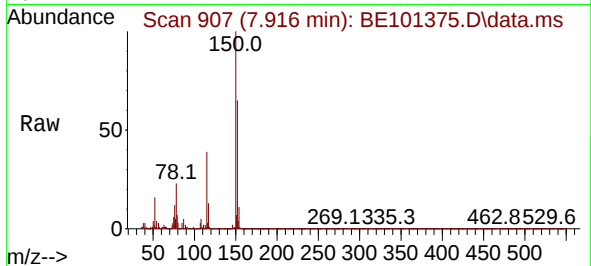




#15
Benzyl Alcohol
Concen: 10.797 ng
RT: 7.916 min Scan# 907
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

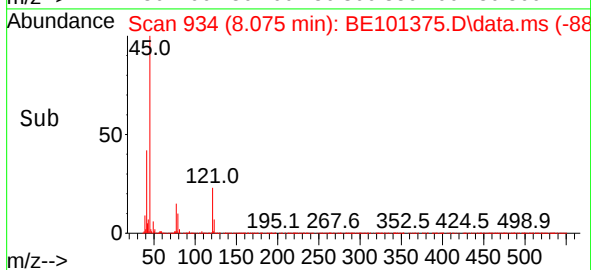
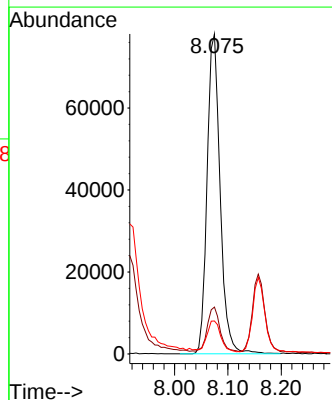
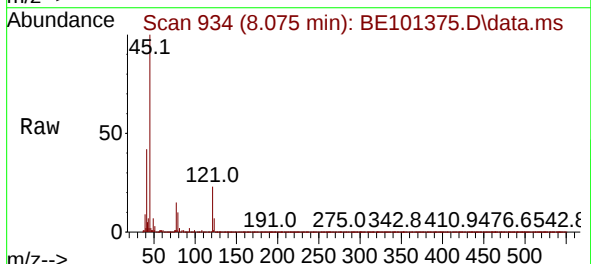
Instrument :
BNA_E
ClientSampleId :

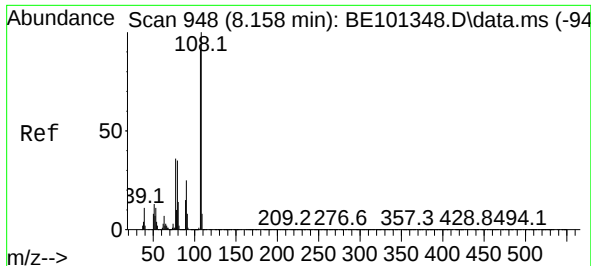
Tgt Ion: 79 Resp: 74559
Ion Ratio Lower Upper
79 100
108 70.2 66.0 99.0
77 75.7 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 9.727 ng
RT: 8.075 min Scan# 934
Delta R.T. -0.013 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 45 Resp: 132254
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.3
79 10.3 0.0 31.6

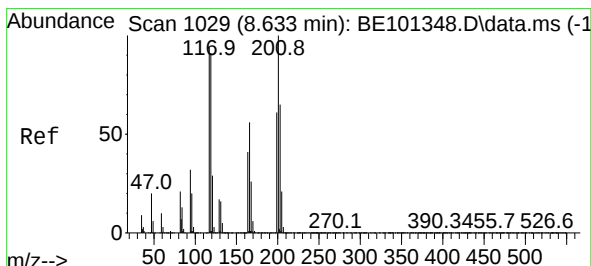
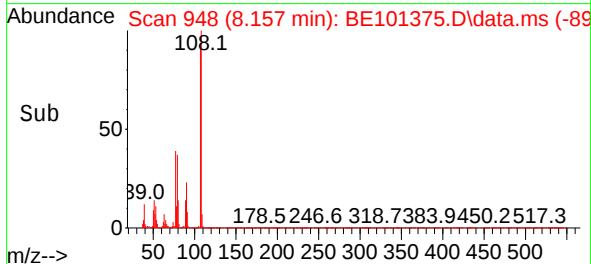
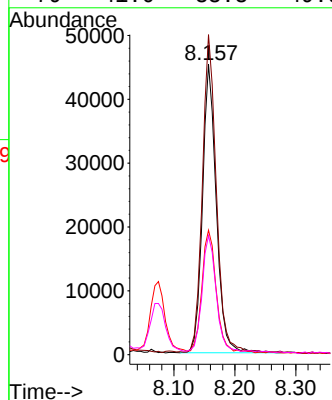
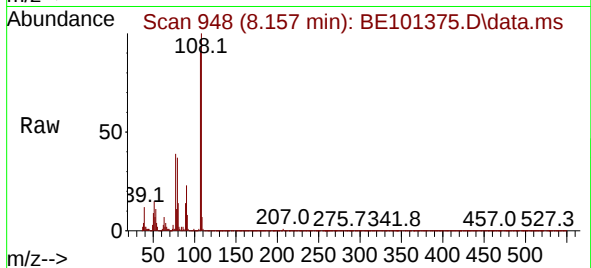




#17
2-Methylphenol
Concen: 8.419 ng
RT: 8.157 min Scan# 948
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

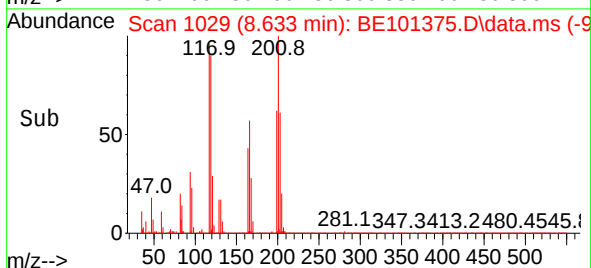
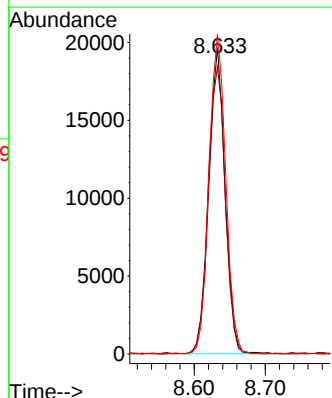
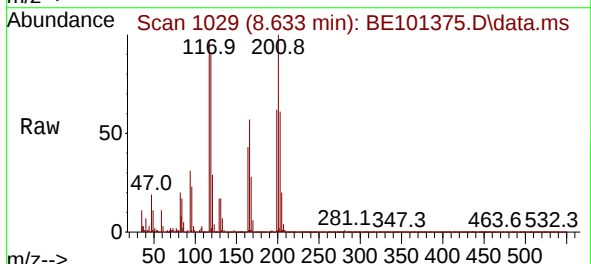
Instrument :
BNA_E
ClientSampleId :

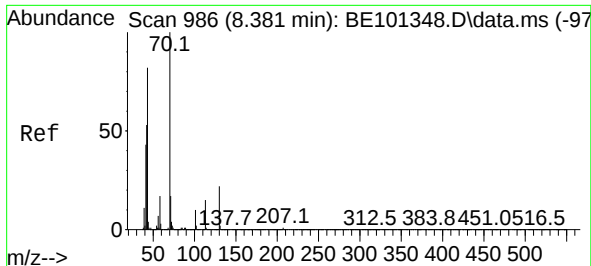
Tgt Ion:	107	Resp:	71110
Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.2	132.2
77	42.9	34.9	52.3
79	41.0	33.3	49.9



#18
Hexachloroethane
Concen: 9.033 ng
RT: 8.633 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	117	Resp:	31797
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.2
201	106.9	84.8	127.2



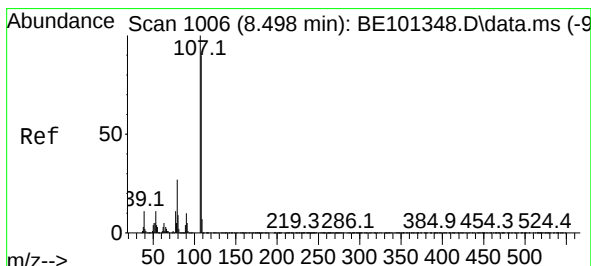
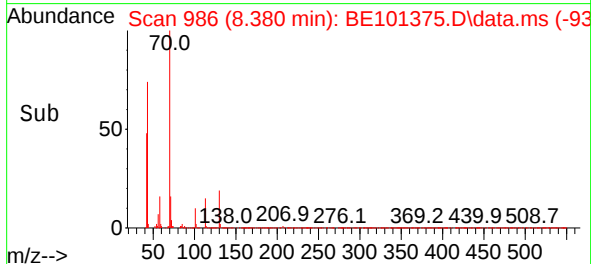
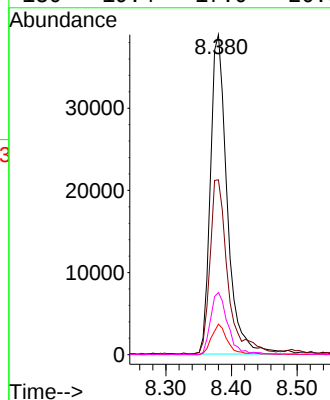
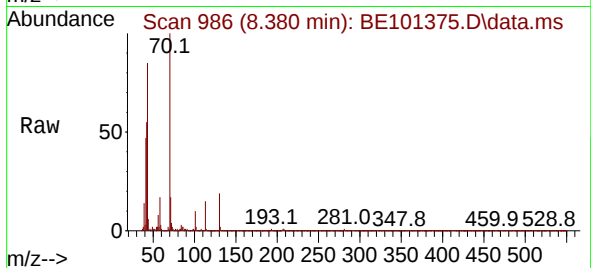


#19
n-Nitroso-di-n-propylamine
Concen: 8.440 ng
RT: 8.380 min Scan# 986
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 70 Resp: 69076

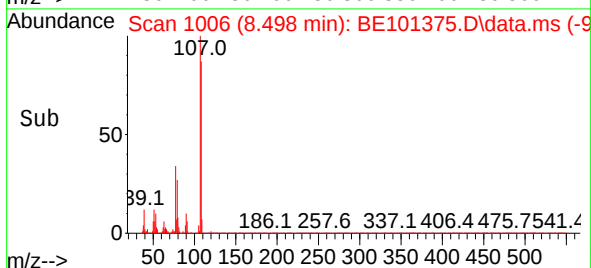
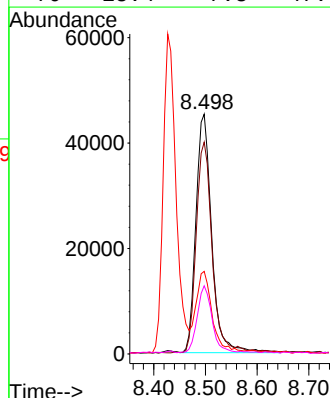
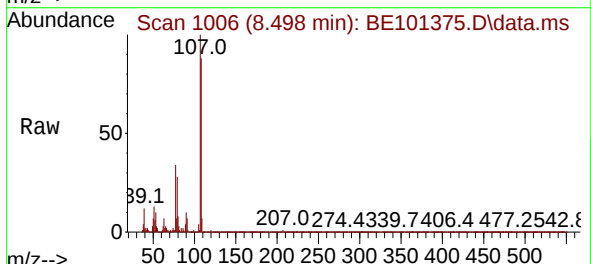
Ion	Ratio	Lower	Upper
70	100		
42	54.7	42.5	63.7
101	9.6	7.8	11.6
130	19.4	17.9	26.9

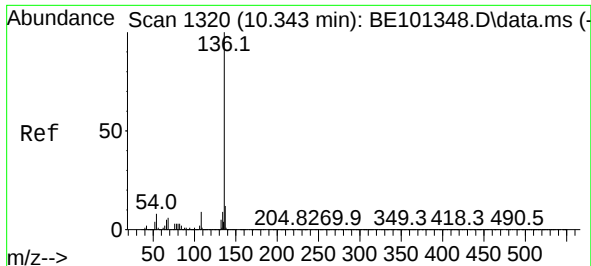


#20
3+4-Methylphenols
Concen: 8.102 ng
RT: 8.498 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 107 Resp: 96283

Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.4	110.4
77	34.4	12.5	52.5
79	28.4	7.3	47.3

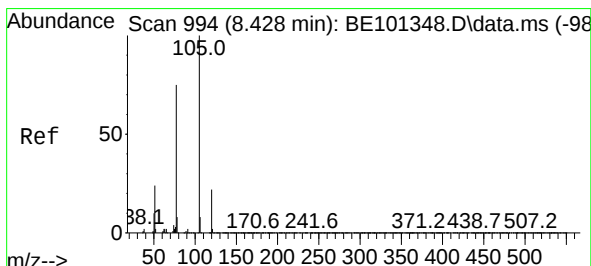
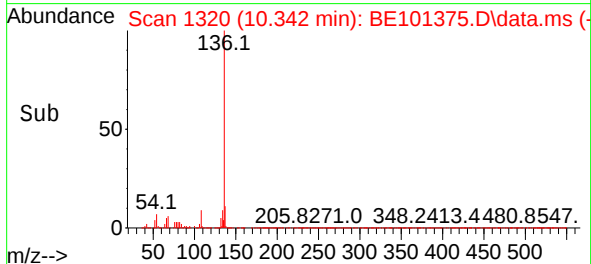
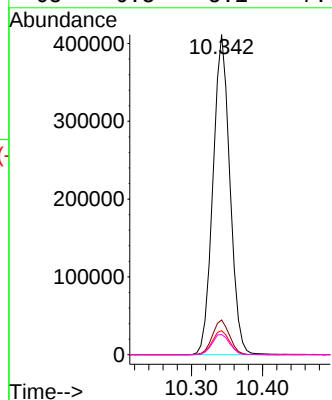
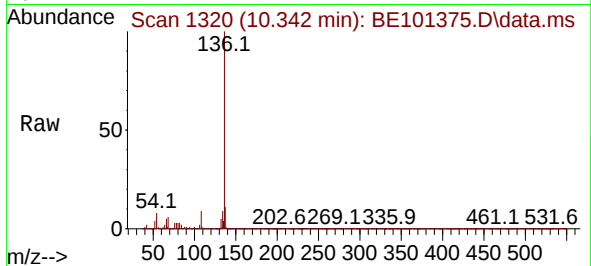




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.342 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

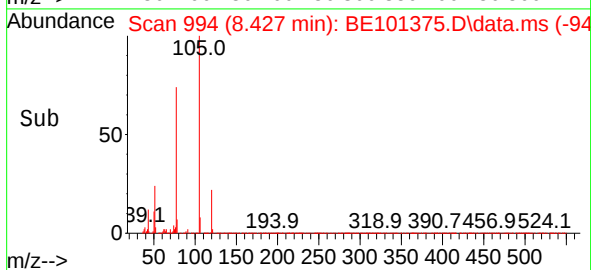
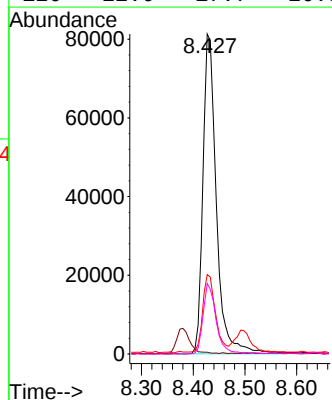
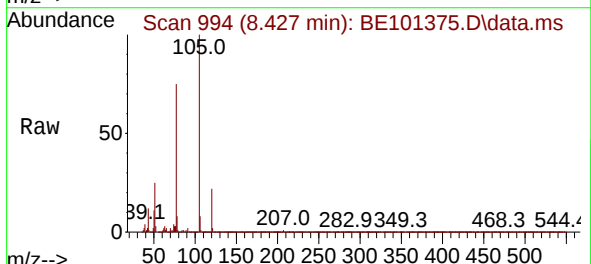
Instrument :
BNA_E
ClientSampleId :

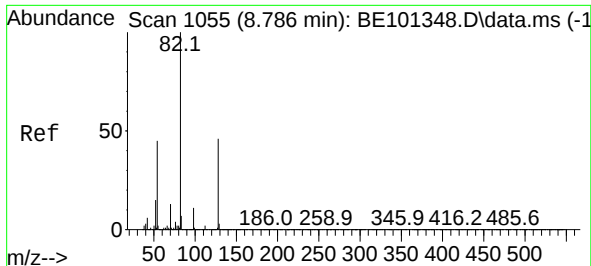
Tgt Ion:	136	Resp:	677968
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	7.5	6.1	9.1
68	6.3	5.1	7.7



#22
Acetophenone
Concen: 9.334 ng
RT: 8.427 min Scan# 994
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	105	Resp:	146750
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.1	0.1
51	24.8	19.0	28.4
120	22.0	17.7	26.5





#23

Nitrobenzene-d5

Concen: 105.183 ng

RT: 8.786 min Scan# 1055

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

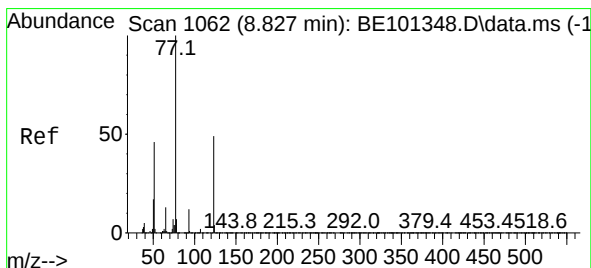
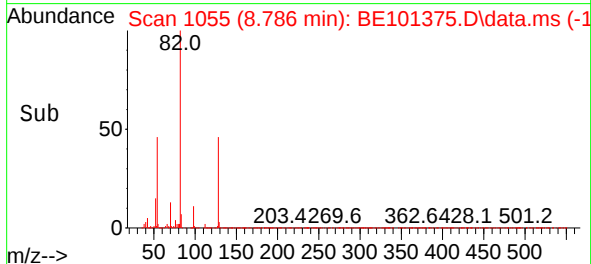
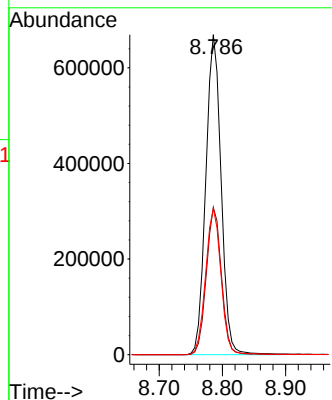
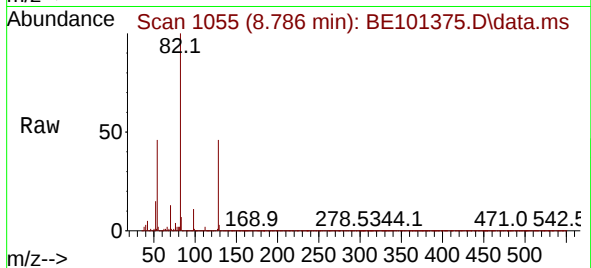
Tgt Ion: 82 Resp: 1124812

Ion Ratio Lower Upper

82 100

128 46.1 36.8 55.2

54 45.7 36.2 54.4



#24

Nitrobenzene

Concen: 9.393 ng

RT: 8.827 min Scan# 1062

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

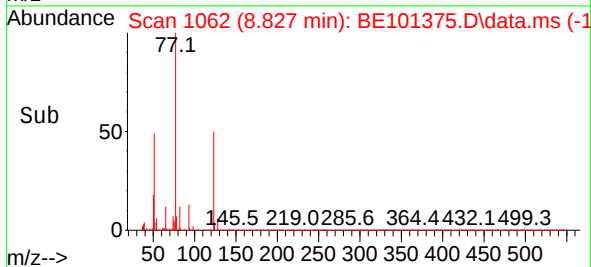
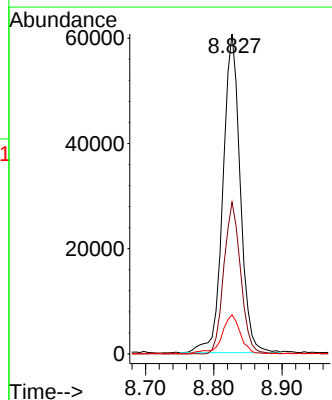
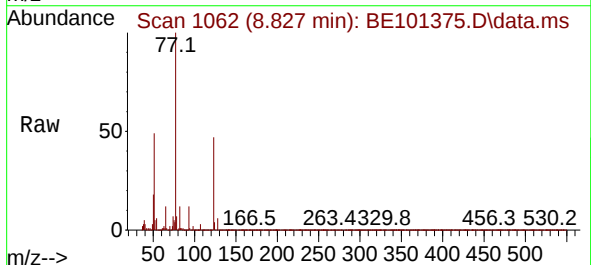
Tgt Ion: 77 Resp: 107245

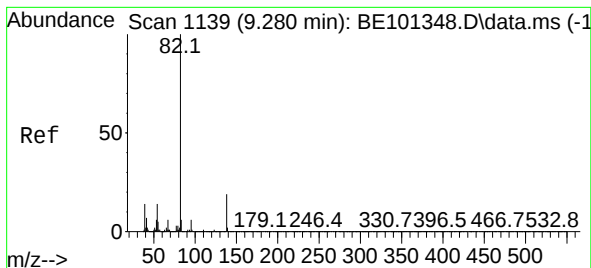
Ion Ratio Lower Upper

77 100

123 47.4 39.0 58.4

65 12.3 10.2 15.4





#25

Isophorone

Concen: 9.129 ng

RT: 9.279 min Scan# 1139

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

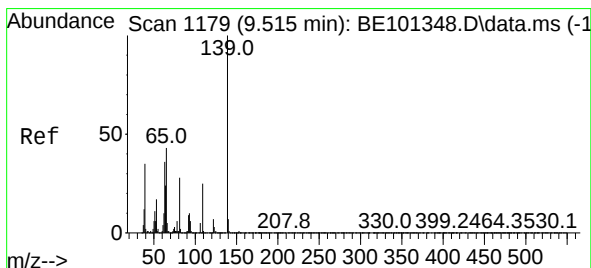
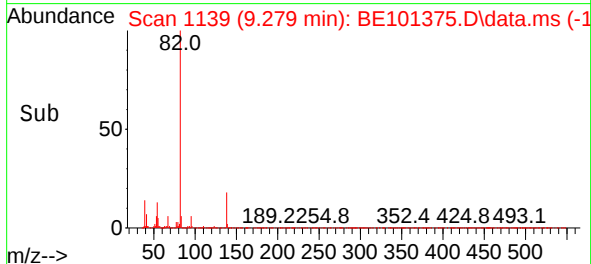
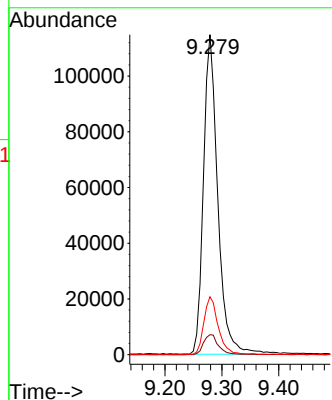
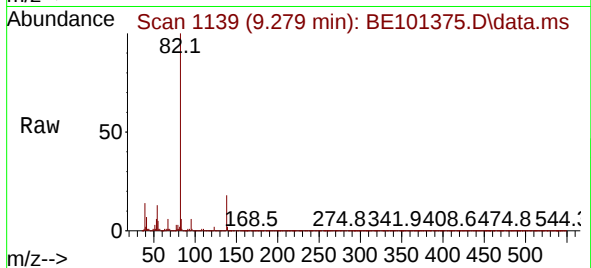
Tgt Ion: 82 Resp: 199846

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 18.1 15.0 22.6



#26

2-Nitrophenol

Concen: 8.676 ng

RT: 9.514 min Scan# 1179

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

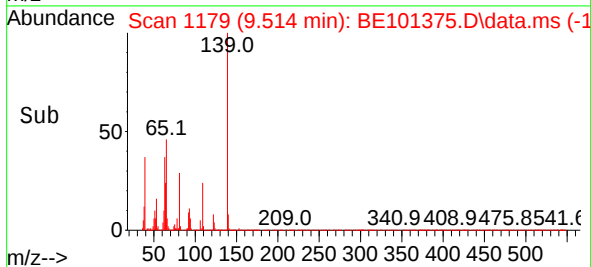
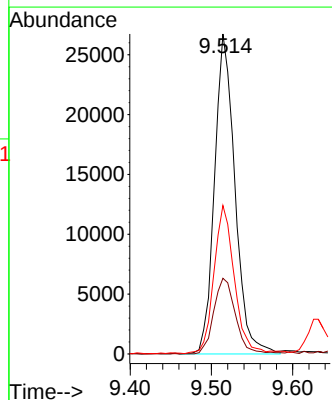
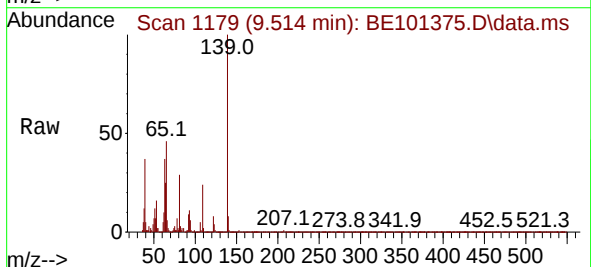
Tgt Ion: 139 Resp: 46746

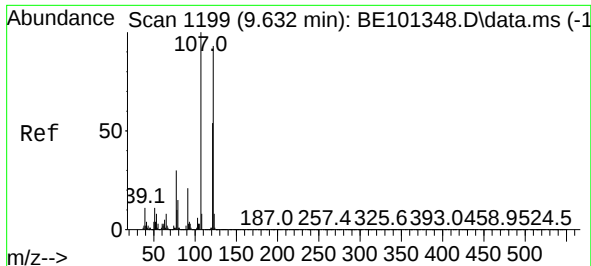
Ion Ratio Lower Upper

139 100

109 23.6 19.8 29.6

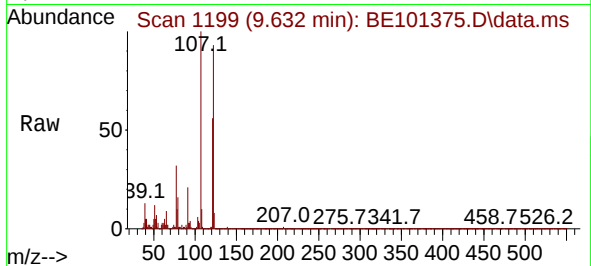
65 46.4 34.6 52.0



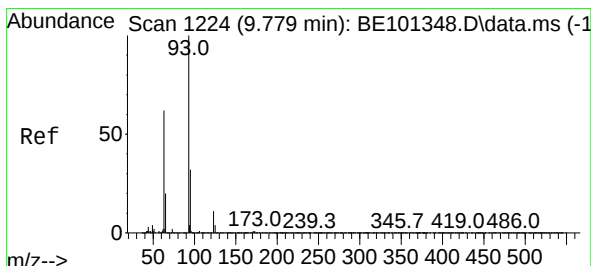
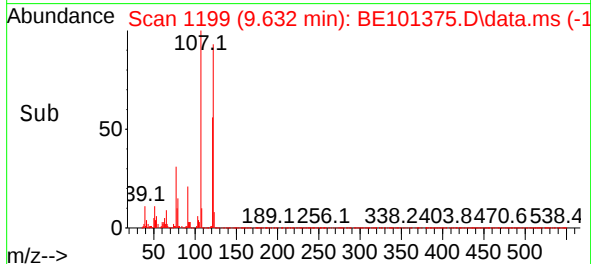
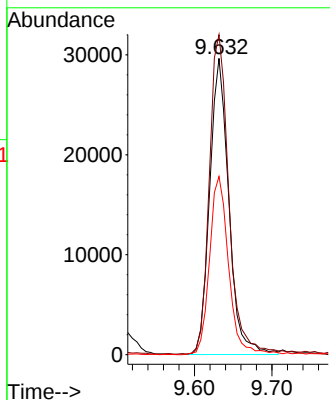


#27
2,4-Dimethylphenol
Concen: 7.352 ng
RT: 9.632 min Scan# 1199
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Instrument :
BNA_E
ClientSampleId :

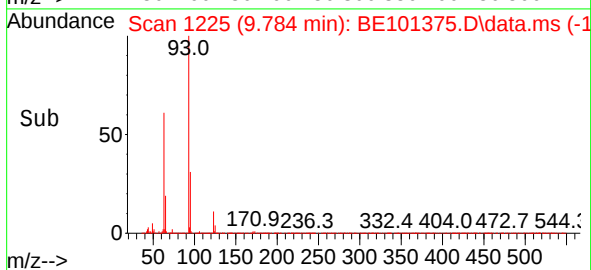
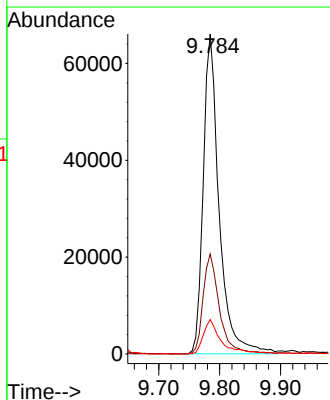
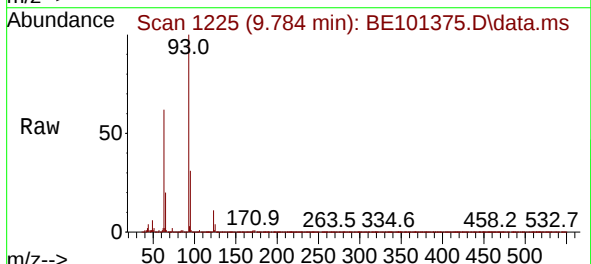


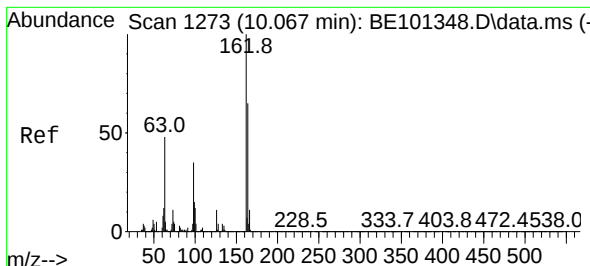
Tgt Ion:122 Resp: 50858
Ion Ratio Lower Upper
122 100
107 108.0 86.4 129.6
121 60.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 9.024 ng
RT: 9.784 min Scan# 1225
Delta R.T. 0.005 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion: 93 Resp: 119501
Ion Ratio Lower Upper
93 100
95 31.3 26.0 39.0
123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 8.674 ng

RT: 10.060 min Scan# 1273

Delta R.T. -0.007 min

Lab File: BE101375.D

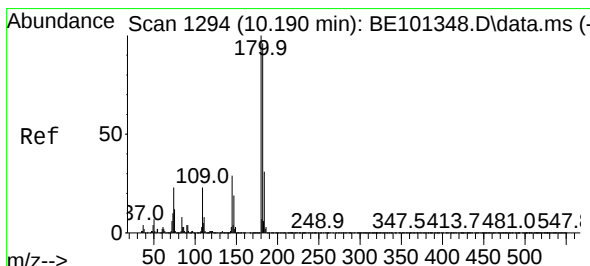
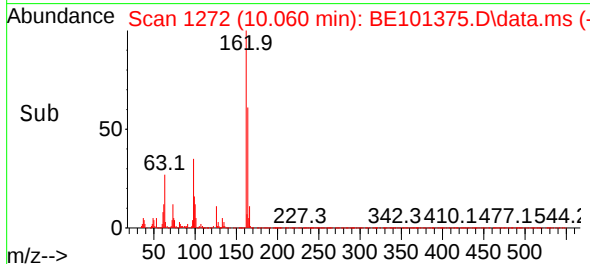
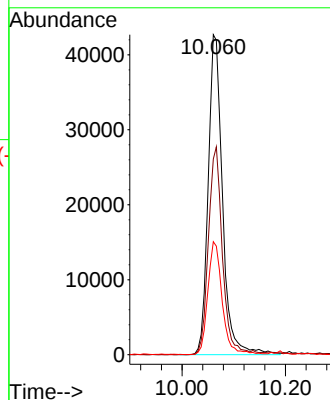
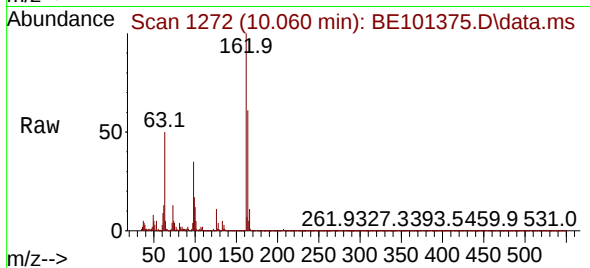
Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:	162	Resp:	82161
Ion Ratio	Lower	Upper	
162	100		
164	61.2	44.6	84.6
98	35.3	14.7	54.7



#30

1,2,4-Trichlorobenzene

Concen: 9.143 ng

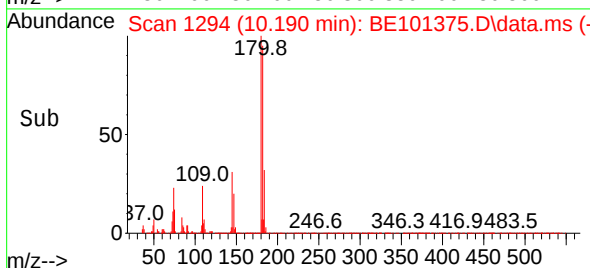
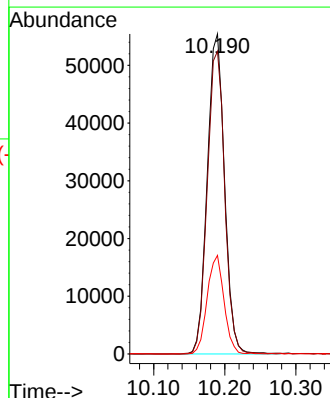
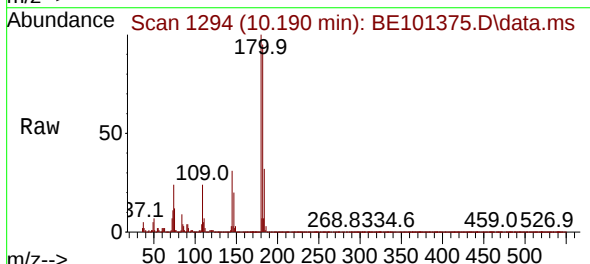
RT: 10.190 min Scan# 1294

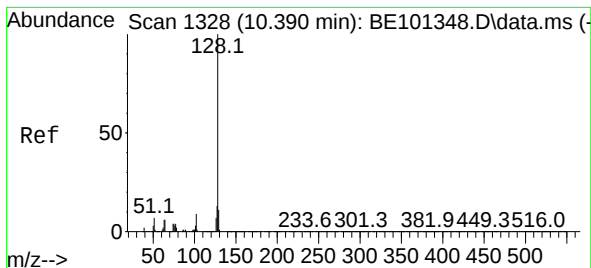
Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:	180	Resp:	93601
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.6	114.8
145	30.8	23.5	35.3





#31

Naphthalene

Concen: 9.318 ng

RT: 10.390 min Scan# 11

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

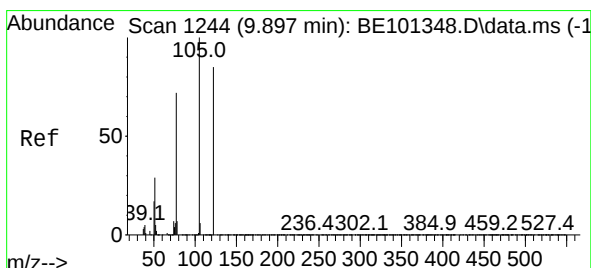
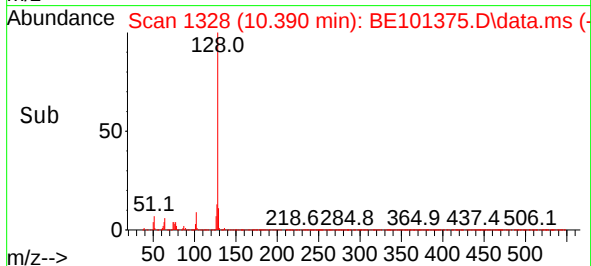
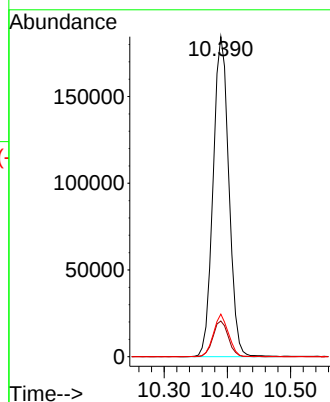
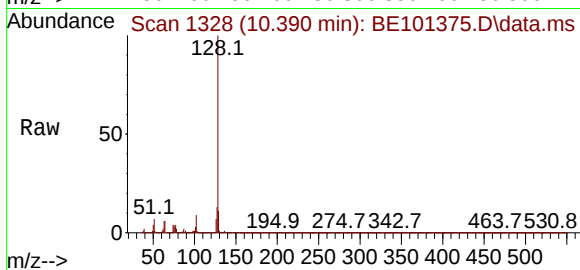
Tgt Ion:128 Resp: 318756

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.3 10.3 15.5



#32

Benzoic acid

Concen: 10.474 ng

RT: 9.825 min Scan# 1232

Delta R.T. -0.072 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

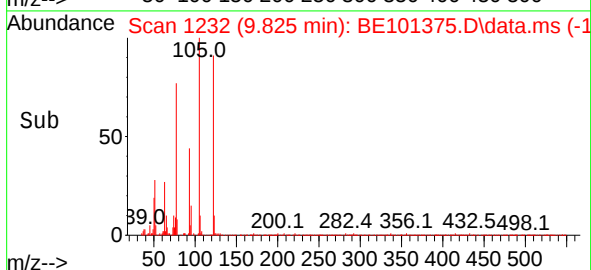
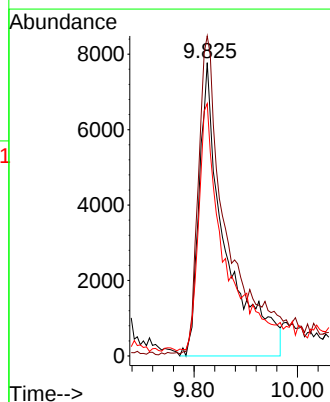
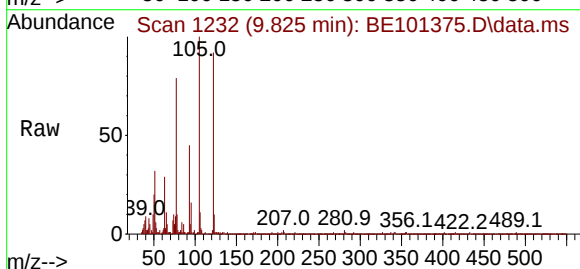
Tgt Ion:122 Resp: 27252

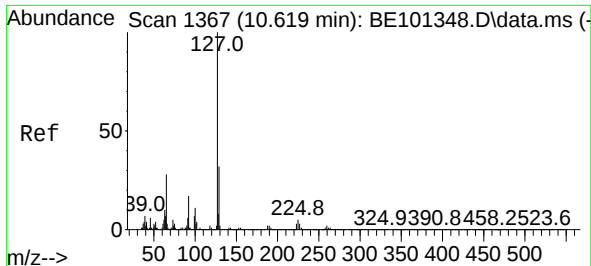
Ion Ratio Lower Upper

122 100

105 109.1 96.7 136.7

77 86.0 64.8 104.8





#33

4-Chloroaniline

Concen: 9.382 ng

RT: 10.619 min Scan# 1367

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:127 Resp: 122789

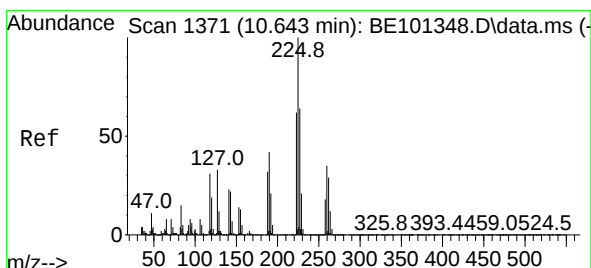
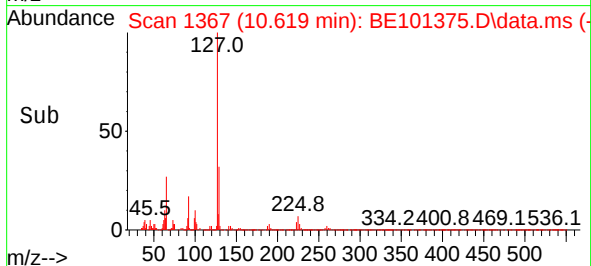
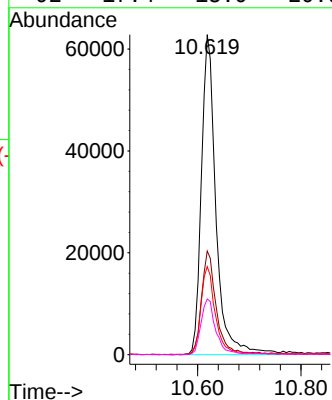
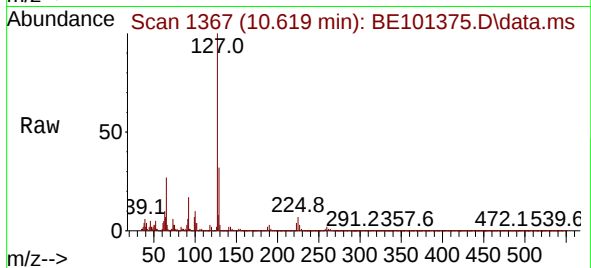
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 27.5 22.5 33.7

92 17.4 13.9 20.9



#34

Hexachlorobutadiene

Concen: 8.870 ng

RT: 10.642 min Scan# 1371

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

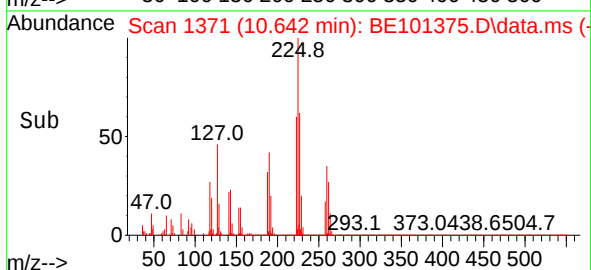
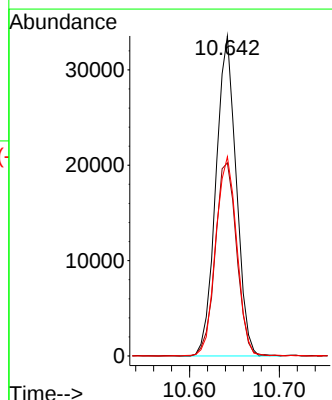
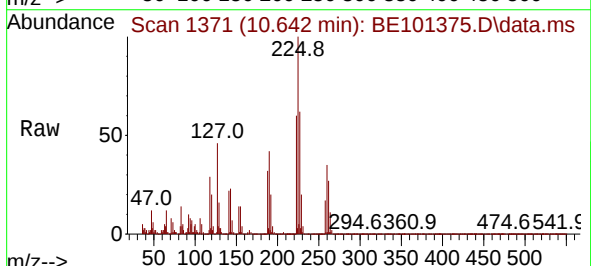
Tgt Ion:225 Resp: 52758

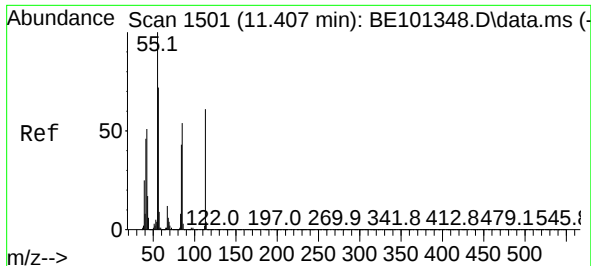
Ion Ratio Lower Upper

225 100

223 60.3 49.8 74.8

227 62.3 51.3 76.9





#35

Caprolactam

Concen: 7.674 ng

RT: 11.400 min Scan# 1501

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

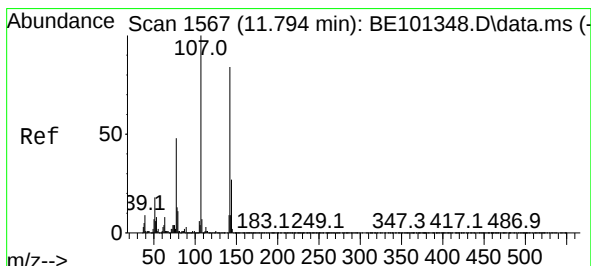
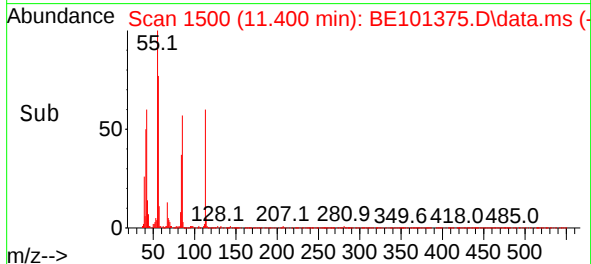
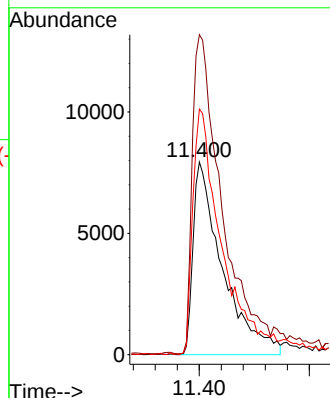
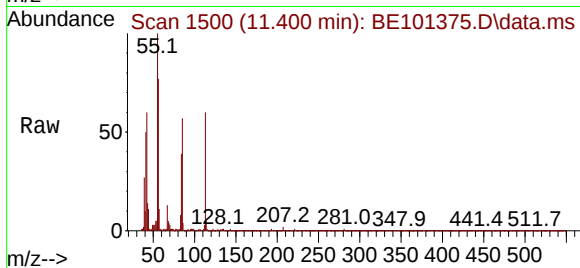
Tgt Ion:113 Resp: 29368

Ion Ratio Lower Upper

113 100

55 166.1 144.8 184.8

56 127.4 99.3 139.3



#36

4-Chloro-3-methylphenol

Concen: 8.278 ng

RT: 11.788 min Scan# 1566

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

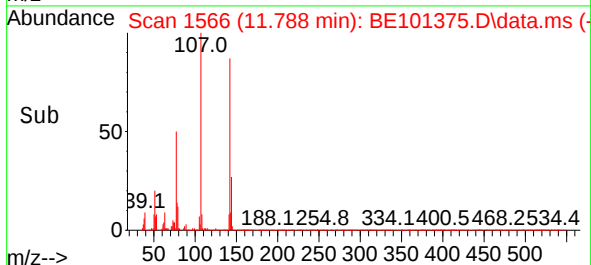
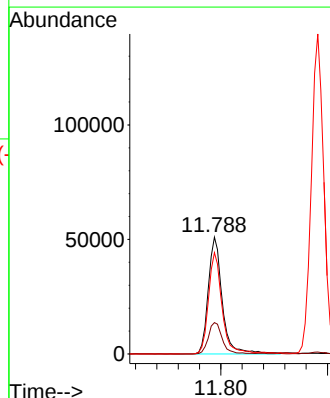
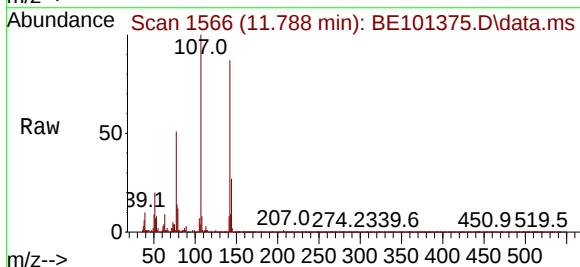
Tgt Ion:107 Resp: 92652

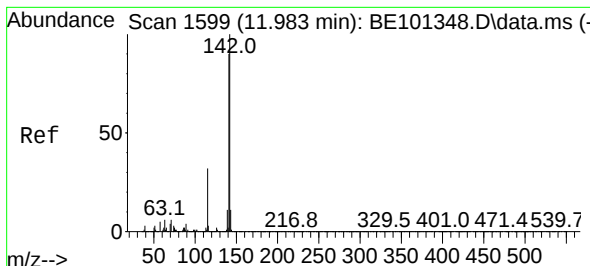
Ion Ratio Lower Upper

107 100

144 26.8 21.9 32.9

142 86.7 67.4 101.2





#37

2-Methylnaphthalene

Concen: 9.014 ng

RT: 11.982 min Scan# 1599

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

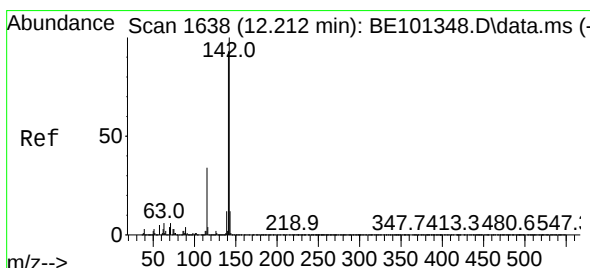
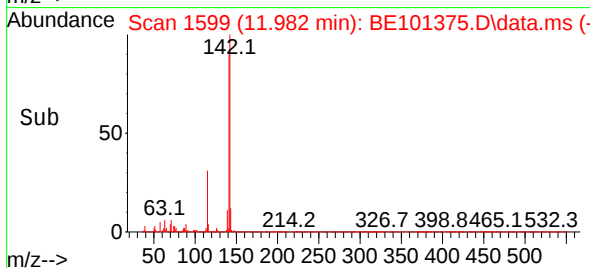
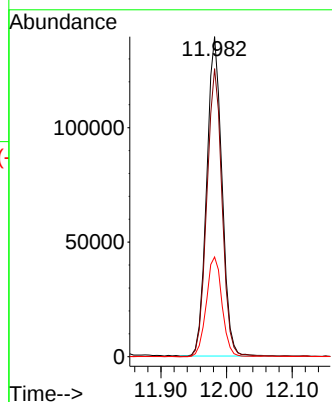
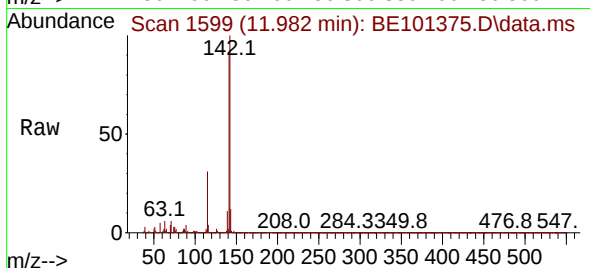
Tgt Ion:142 Resp: 225501

Ion Ratio Lower Upper

142 100

141 90.0 71.8 107.6

115 31.2 25.6 38.4



#38

1-Methylnaphthalene

Concen: 8.619 ng

RT: 12.205 min Scan# 1637

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

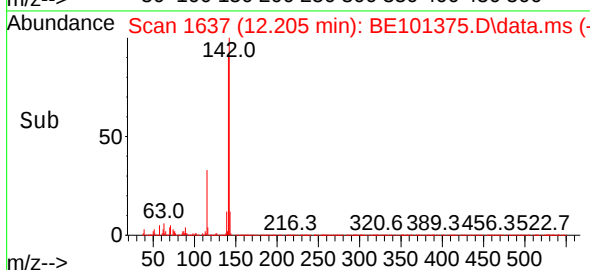
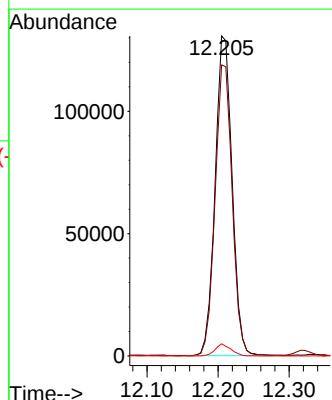
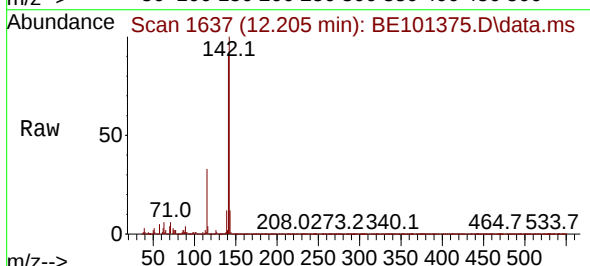
Tgt Ion:142 Resp: 216320

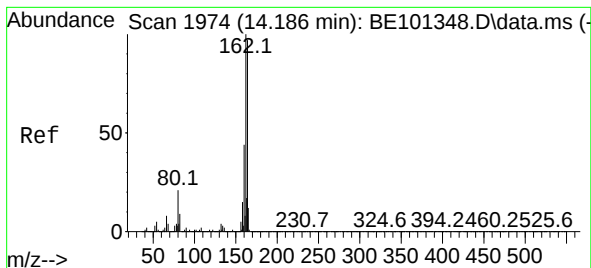
Ion Ratio Lower Upper

142 100

141 91.0 74.3 111.5

116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.185 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

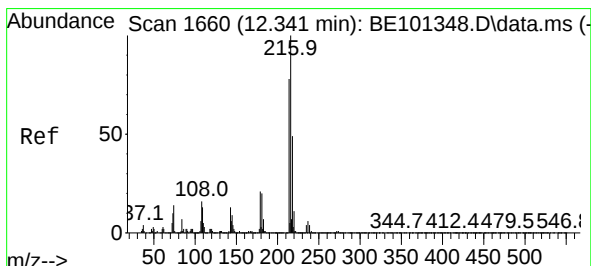
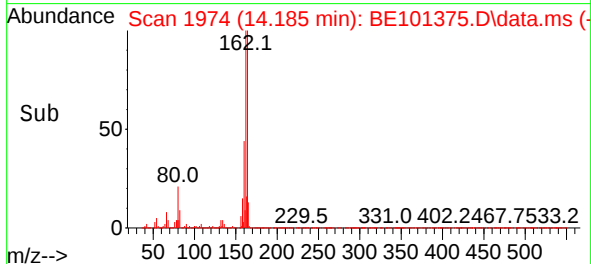
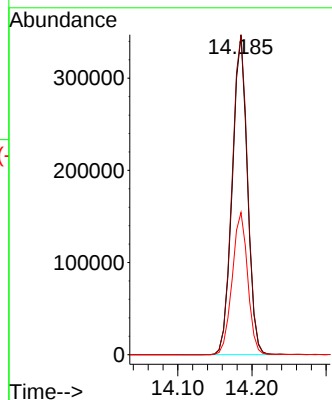
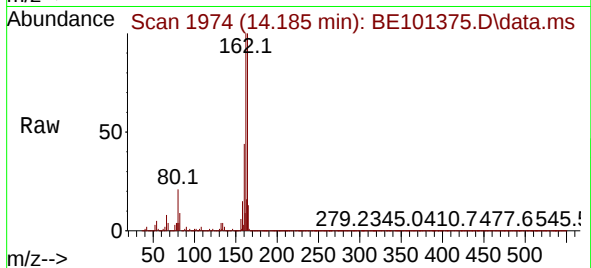
Tgt Ion:164 Resp: 488431

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

160 44.6 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.384 ng

RT: 12.334 min Scan# 1659

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:216 Resp: 110416

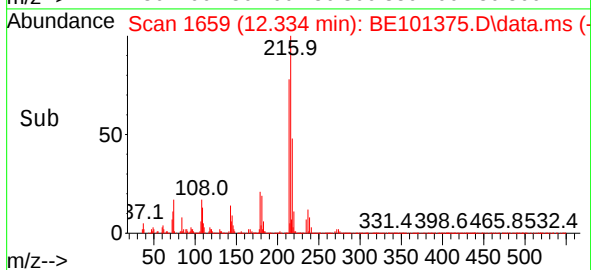
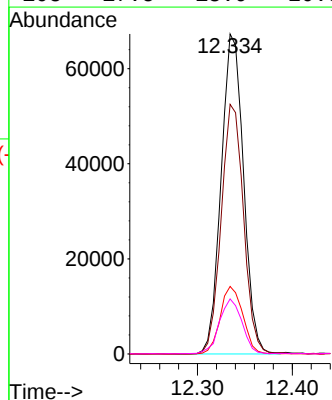
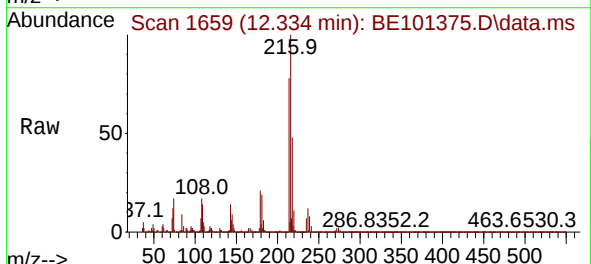
Ion Ratio Lower Upper

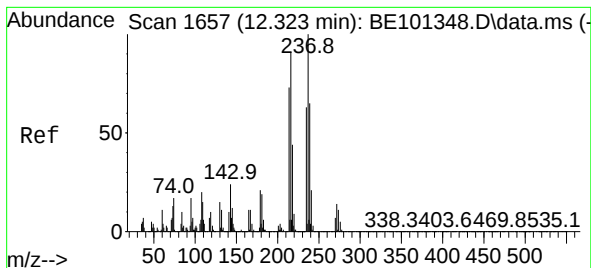
216 100

214 78.1 62.6 94.0

179 21.4 16.9 25.3

108 17.5 13.9 20.9

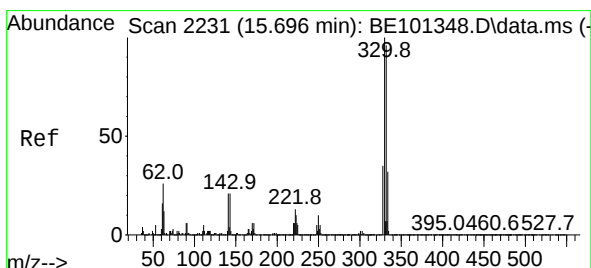
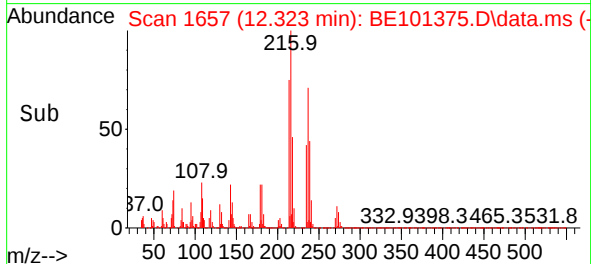
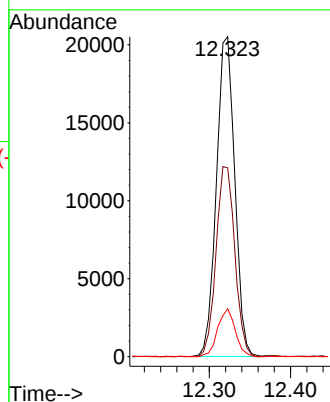
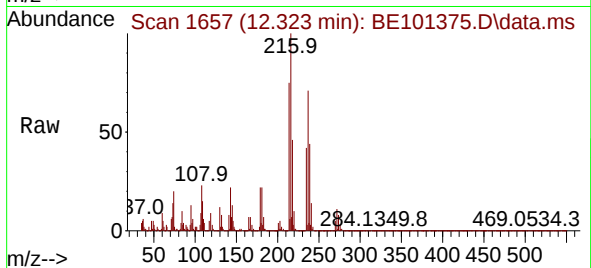




#41
Hexachlorocyclopentadiene
Concen: 8.342 ng
RT: 12.323 min Scan# 1
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

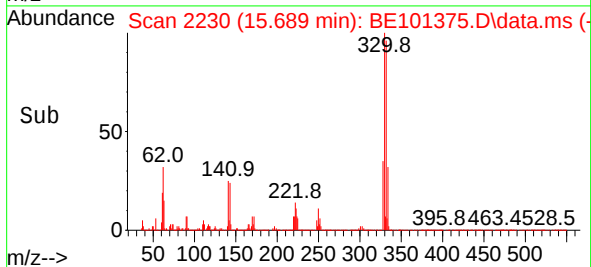
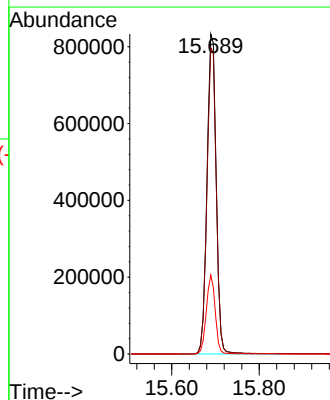
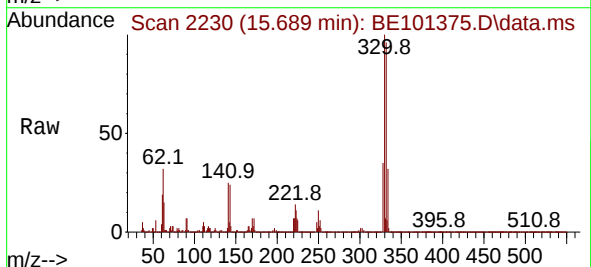
Instrument :
BNA_E
ClientSampleId :

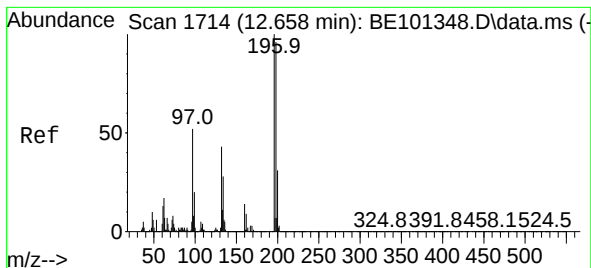
Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.0	42.9	82.9
272	15.0	0.0	34.0



#42
2,4,6-Tribromophenol
Concen: 148.392 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.8
141	23.8	19.1	28.7





#43

2,4,6-Trichlorophenol

Concen: 8.577 ng

RT: 12.657 min Scan# 1714

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

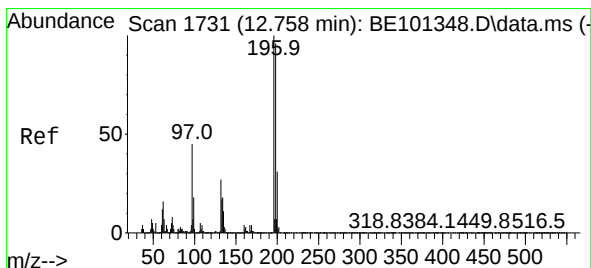
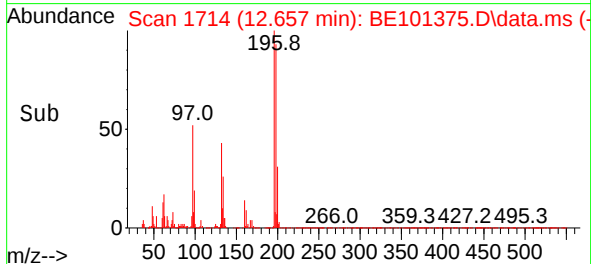
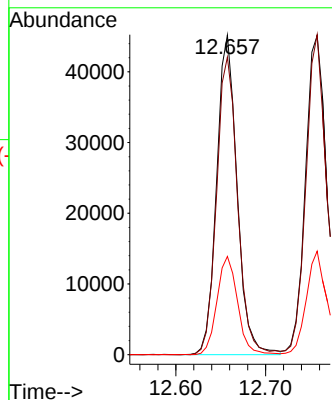
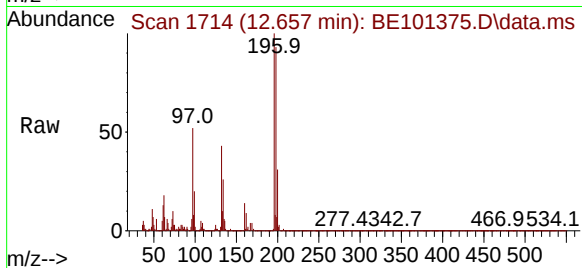
Tgt Ion:196 Resp: 71472

Ion Ratio Lower Upper

196 100

198 93.1 76.8 115.2

200 30.7 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 8.261 ng

RT: 12.757 min Scan# 1731

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Tgt Ion:196 Resp: 77663

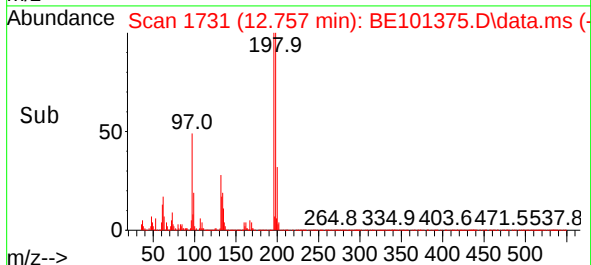
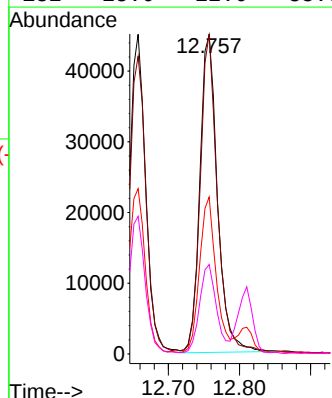
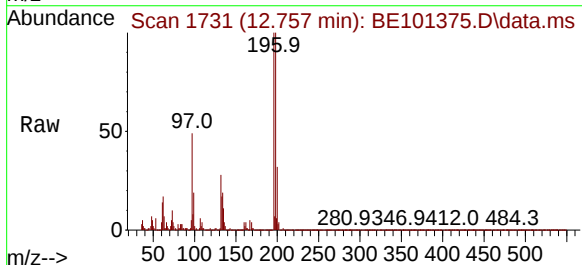
Ion Ratio Lower Upper

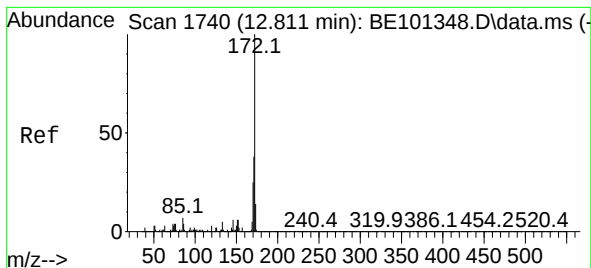
196 100

198 100.3 76.9 115.3

97 49.2 36.2 54.2

132 28.0 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 101.778 ng

RT: 12.810 min Scan# 1740

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

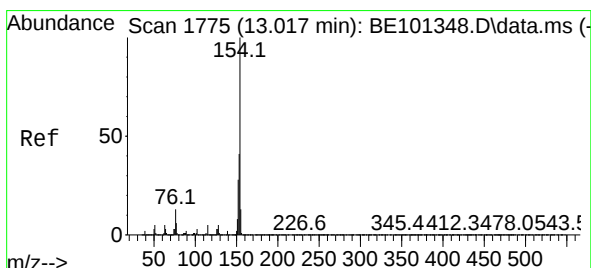
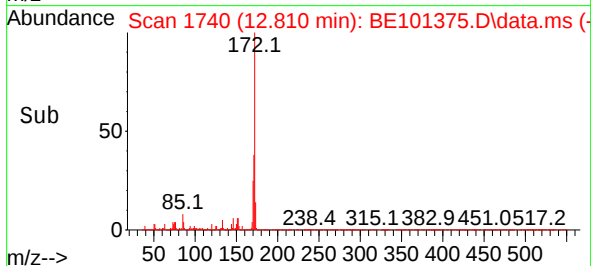
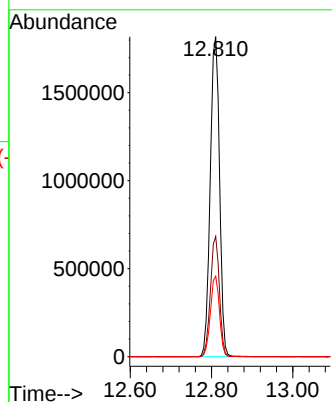
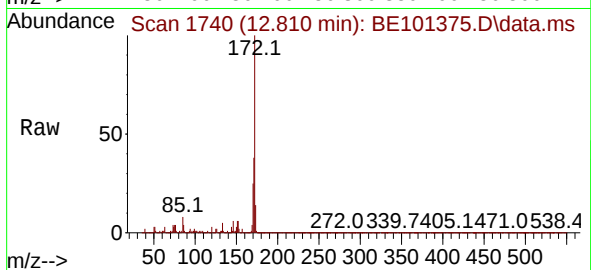
Tgt Ion:172 Resp: 2876723

Ion Ratio Lower Upper

172 100

171 37.6 30.2 45.2

170 25.2 20.2 30.4



#46

1,1'-Biphenyl

Concen: 9.789 ng

RT: 13.010 min Scan# 1774

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

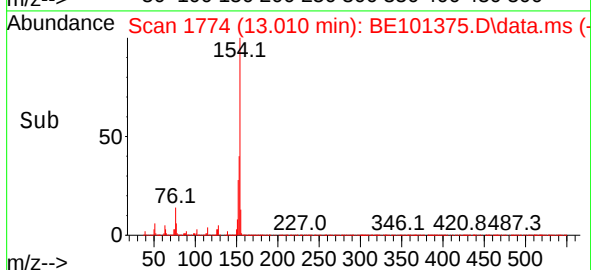
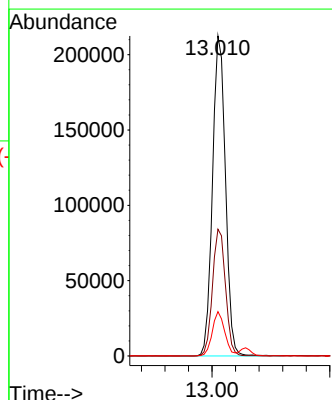
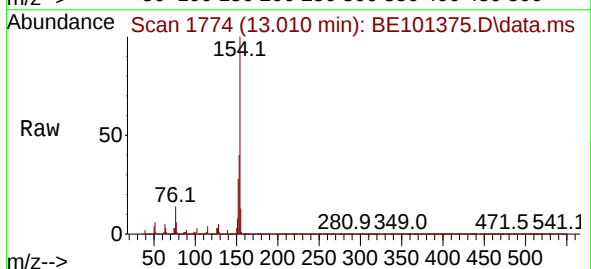
Tgt Ion:154 Resp: 324002

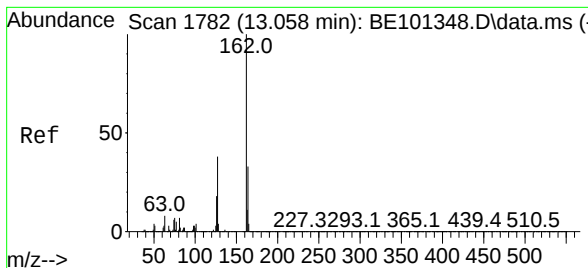
Ion Ratio Lower Upper

154 100

153 39.6 21.2 61.2

76 13.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 9.026 ng

RT: 13.057 min Scan# 1782

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

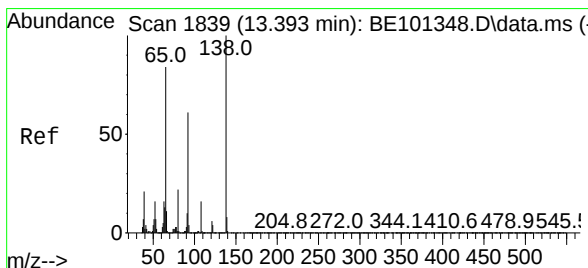
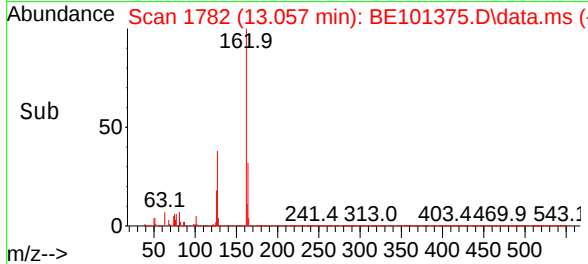
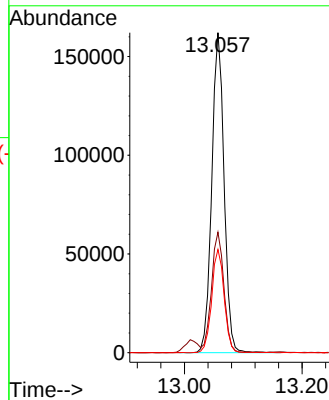
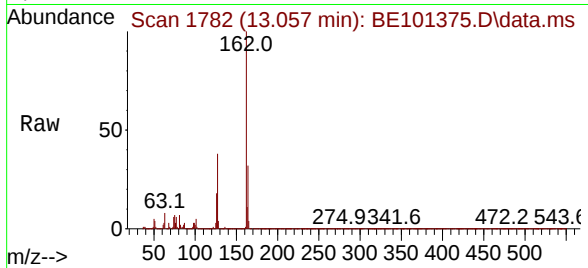
Tgt Ion:162 Resp: 235016

Ion Ratio Lower Upper

162 100

127 37.7 31.2 46.8

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 8.059 ng

RT: 13.392 min Scan# 1839

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

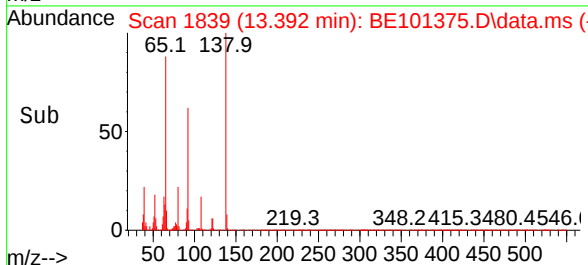
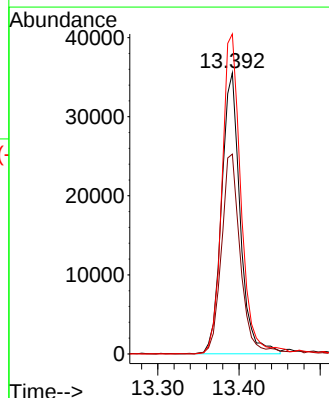
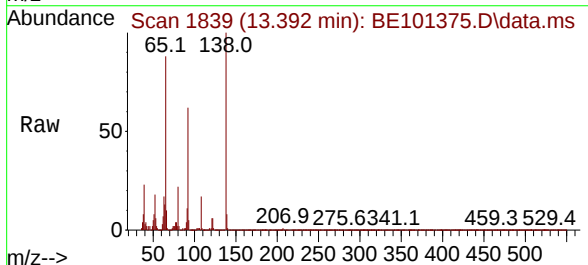
Tgt Ion: 65 Resp: 56452

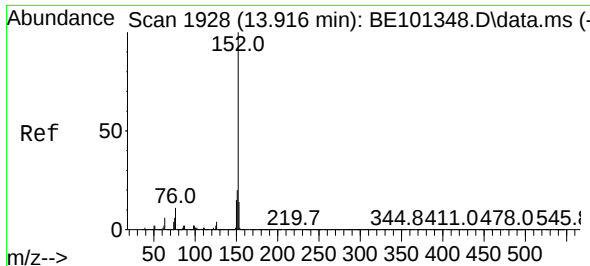
Ion Ratio Lower Upper

65 100

92 71.1 58.3 87.5

138 113.8 95.0 142.4





#49

Acenaphthylene

Concen: 9.965 ng

RT: 13.915 min Scan# 1928

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

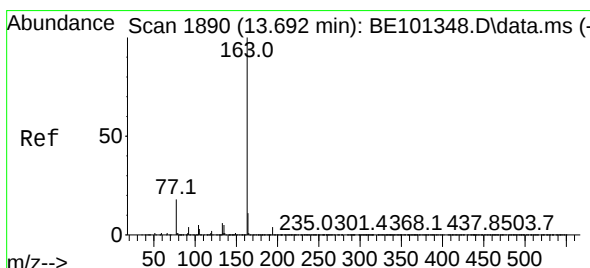
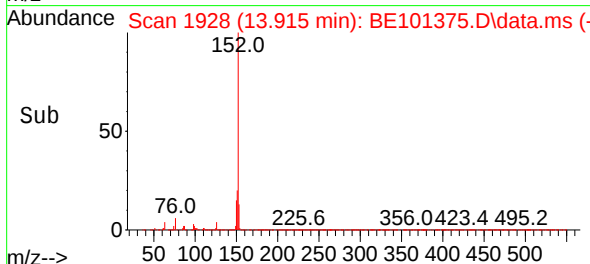
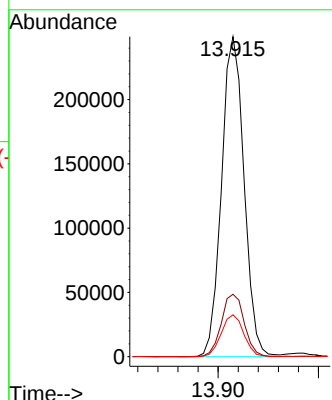
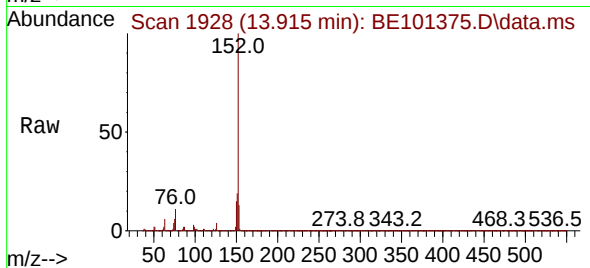
Tgt Ion:152 Resp: 387152

Ion Ratio Lower Upper

152 100

151 19.5 16.4 24.6

153 13.1 11.1 16.7



#50

Dimethylphthalate

Concen: 9.295 ng

RT: 13.686 min Scan# 1889

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

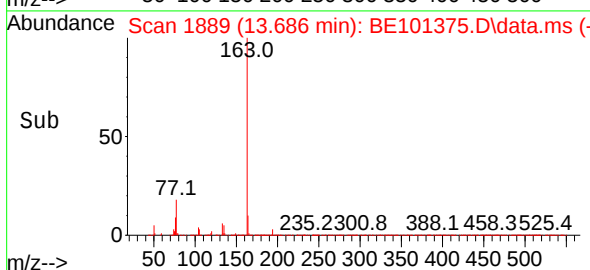
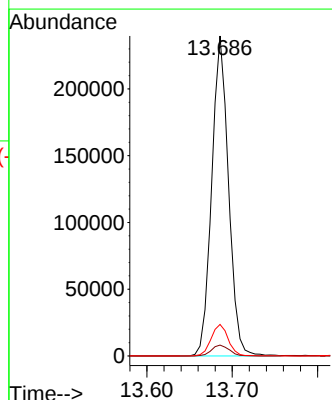
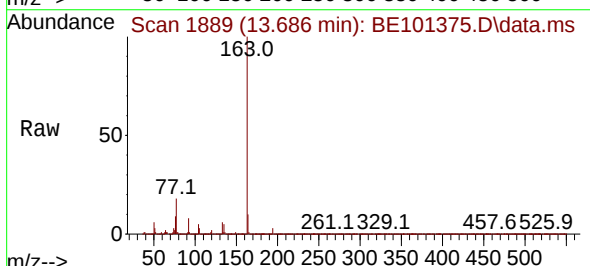
Tgt Ion:163 Resp: 327613

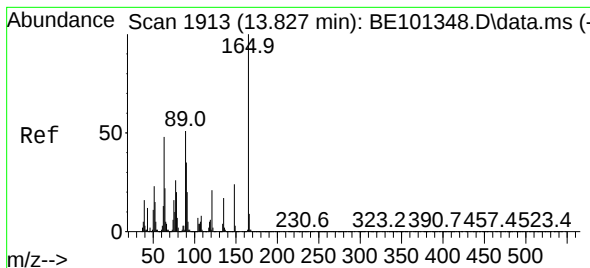
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

164 9.9 8.5 12.7

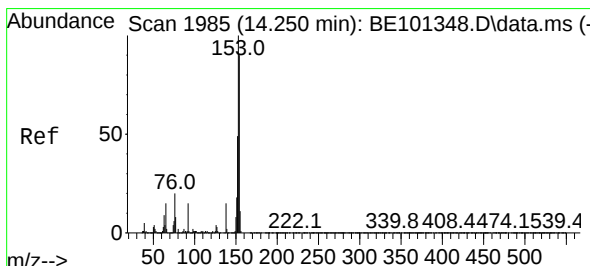
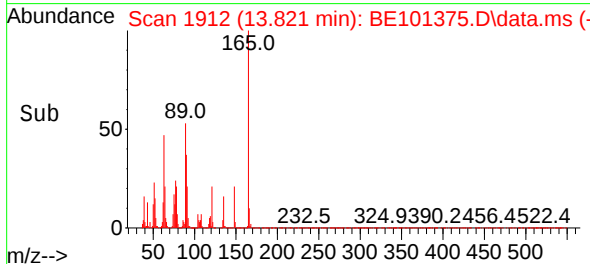
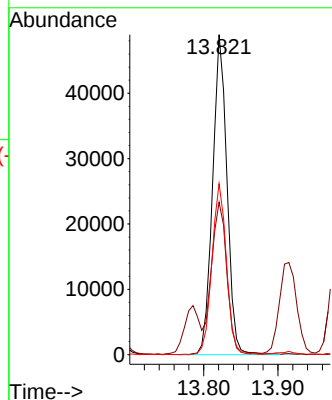
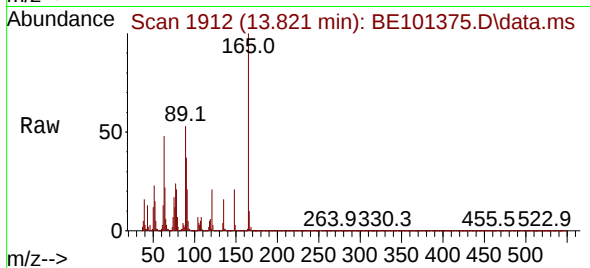




#51
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 13.821 min Scan# 1913
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

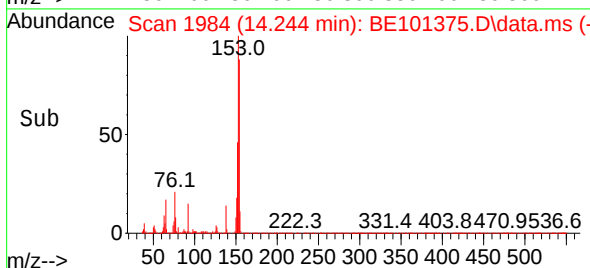
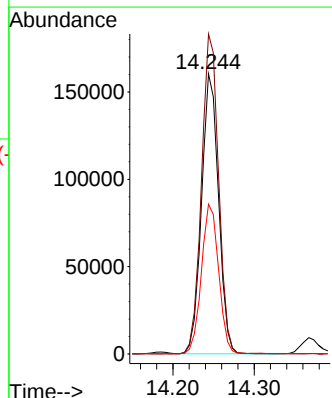
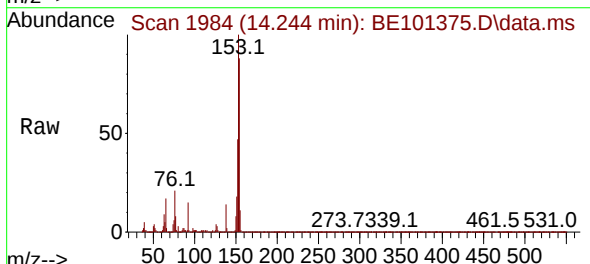
Instrument :
BNA_E
ClientSampleId :

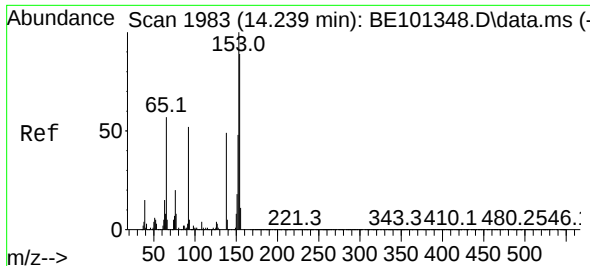
Tgt Ion:165 Resp: 65917
Ion Ratio Lower Upper
165 100
63 47.6 38.5 57.7
89 53.5 40.5 60.7



#52
Acenaphthene
Concen: 9.049 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:154 Resp: 231741
Ion Ratio Lower Upper
154 100
153 114.2 88.8 133.2
152 53.5 43.2 64.8

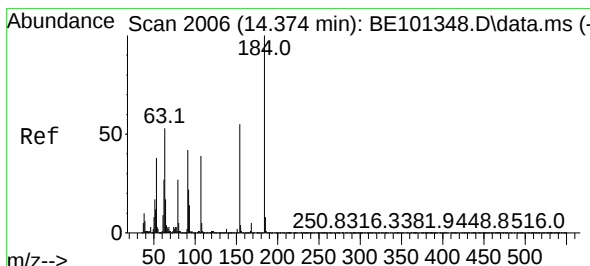
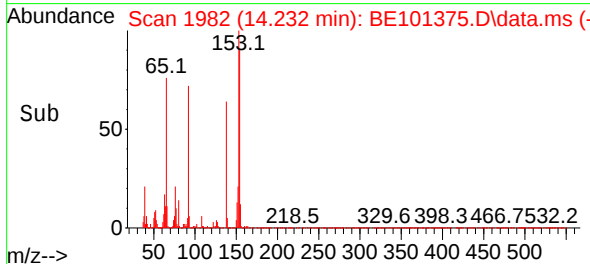
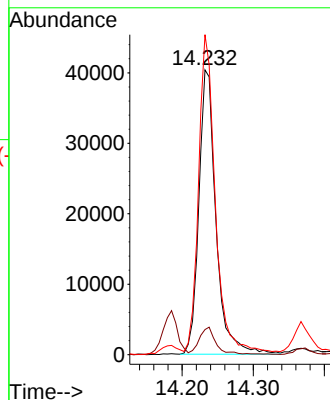
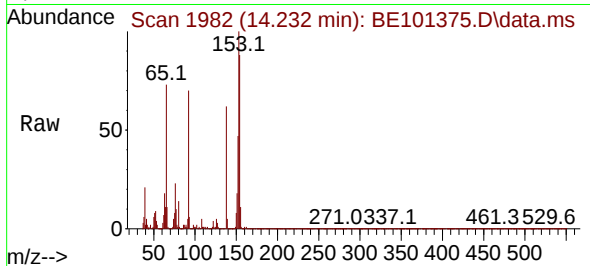




#53
3-Nitroaniline
Concen: 8.367 ng
RT: 14.232 min Scan# 1982
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

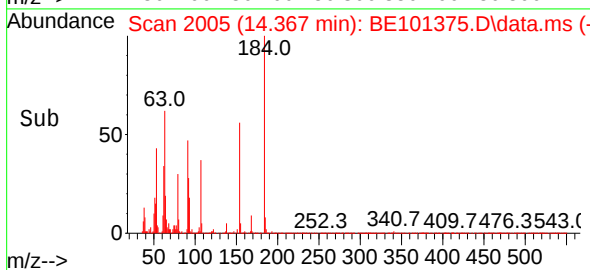
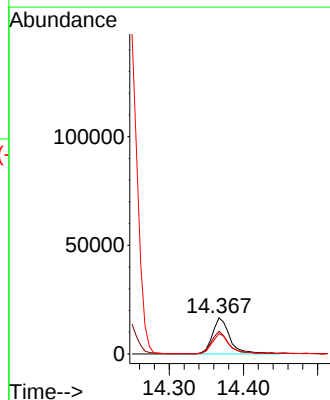
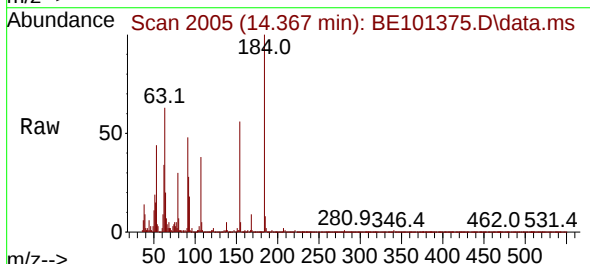
Instrument :
BNA_E
ClientSampleId :

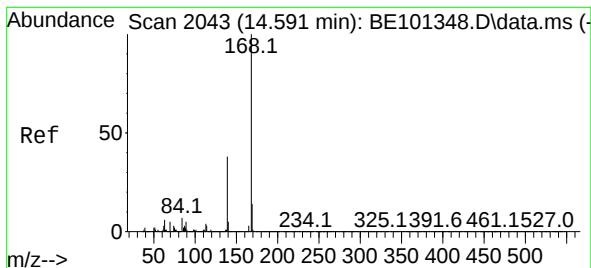
Tgt Ion:138 Resp: 67883
Ion Ratio Lower Upper
138 100
108 8.8 7.2 10.8
92 112.3 85.7 128.5



#54
2,4-Dinitrophenol
Concen: 5.845 ng
RT: 14.367 min Scan# 2005
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:184 Resp: 27446
Ion Ratio Lower Upper
184 100
63 62.8 42.5 63.7
154 55.9 44.2 66.2





#55

Dibenzofuran

Concen: 9.646 ng

RT: 14.590 min Scan# 2043

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

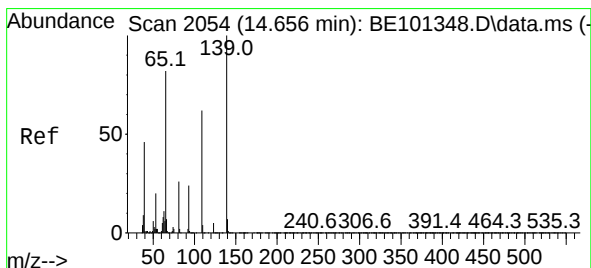
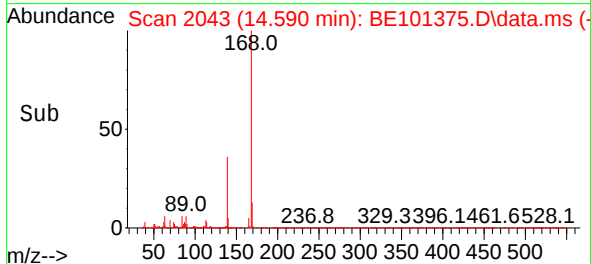
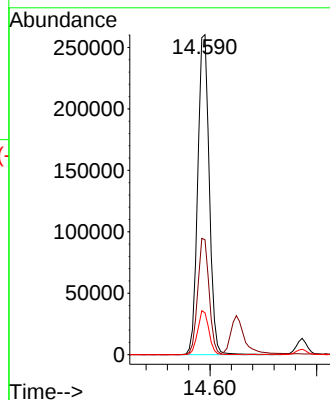
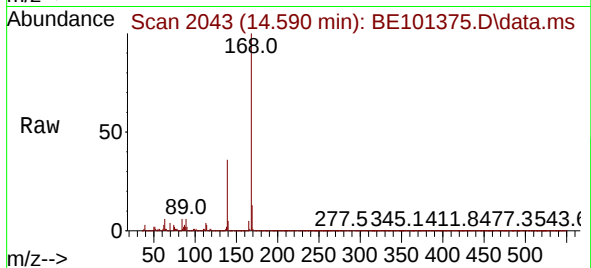
Tgt Ion:168 Resp: 390203

Ion Ratio Lower Upper

168 100

139 35.9 30.5 45.7

169 13.1 11.4 17.2



#56

4-Nitrophenol

Concen: 8.718 ng

RT: 14.649 min Scan# 2053

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

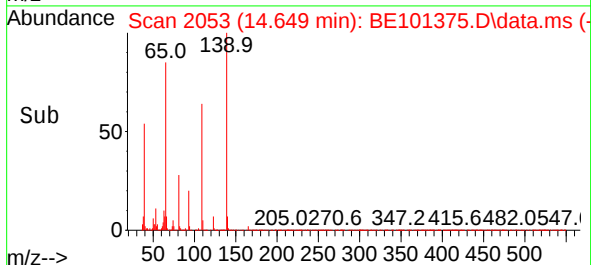
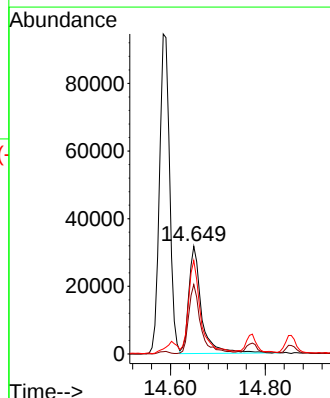
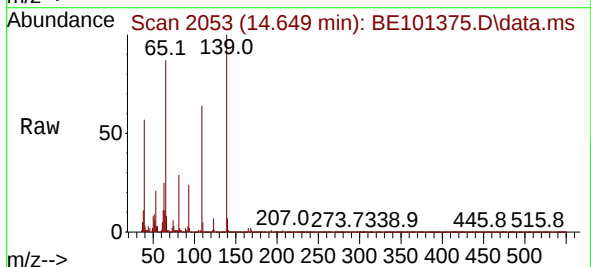
Tgt Ion:139 Resp: 58806

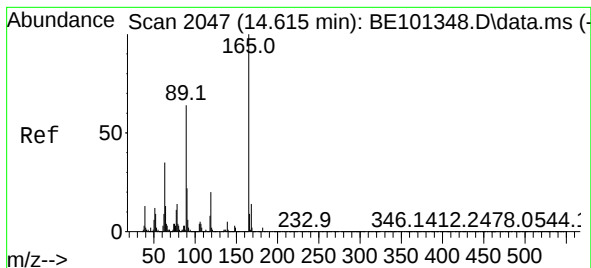
Ion Ratio Lower Upper

139 100

109 64.5 41.9 81.9

65 86.9 63.0 103.0





#57

2,4-Dinitrotoluene

Concen: 7.883 ng

RT: 14.608 min Scan# 2046

Delta R.T. -0.007 min

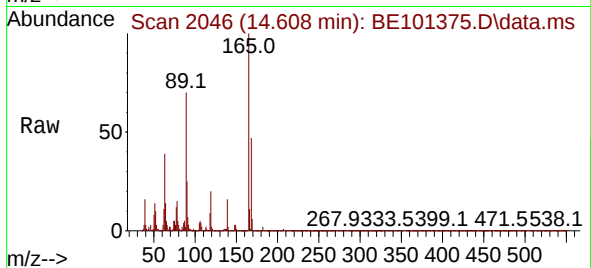
Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :



Tgt Ion:165 Resp: 84645

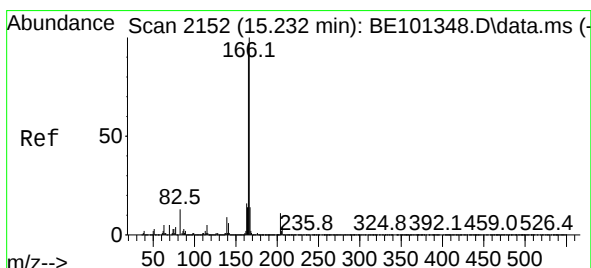
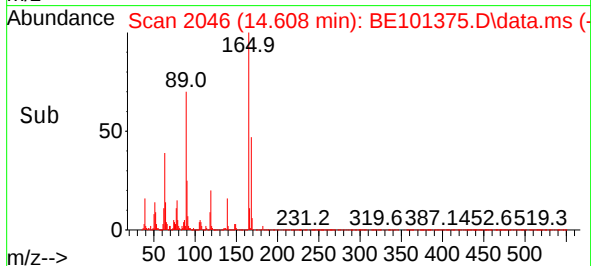
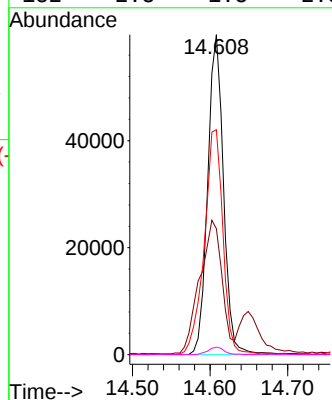
Ion Ratio Lower Upper

165 100

63 39.4 28.4 42.6

89 70.3 51.0 76.4

182 2.3 1.8 2.8



#58

Fluorene

Concen: 9.205 ng

RT: 15.225 min Scan# 2151

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

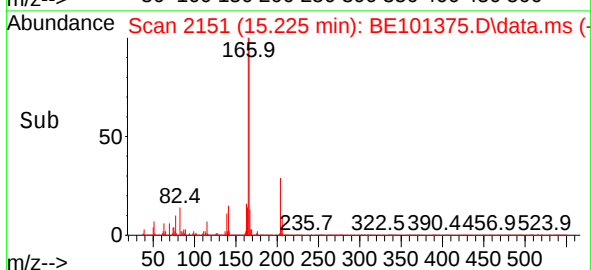
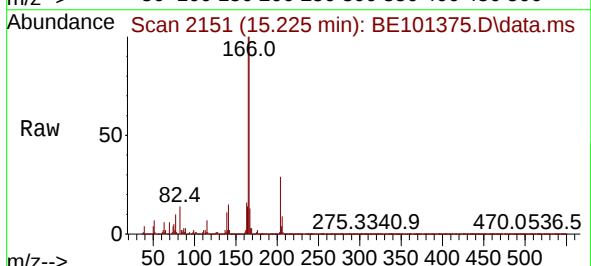
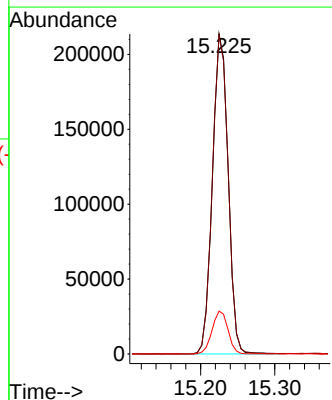
Tgt Ion:166 Resp: 313737

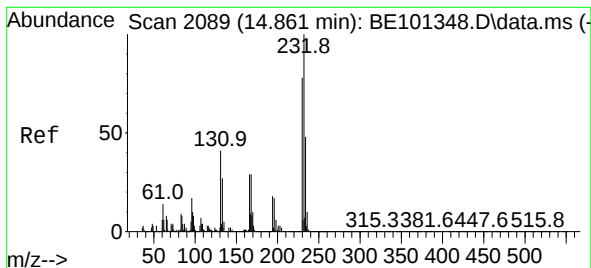
Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

167 13.4 11.0 16.6

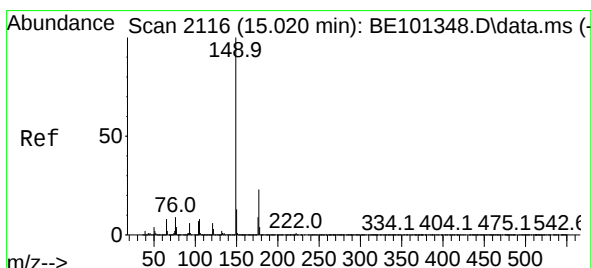
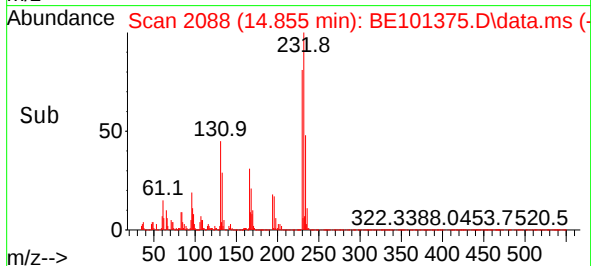
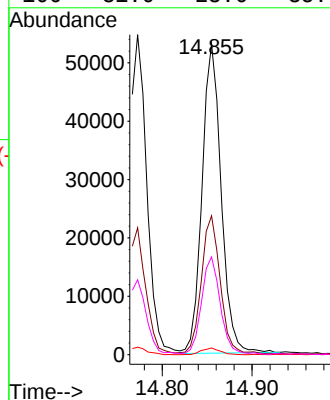
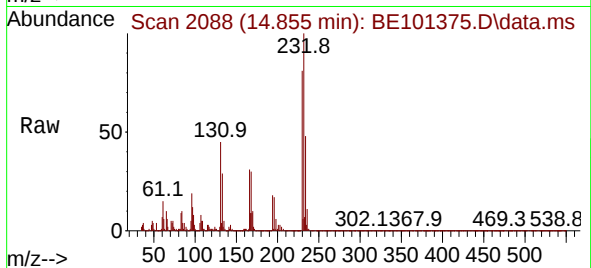




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.802 ng
RT: 14.855 min Scan# 2088
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

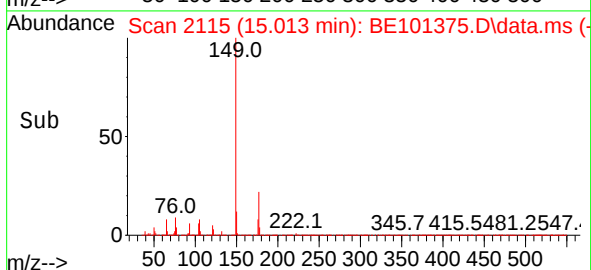
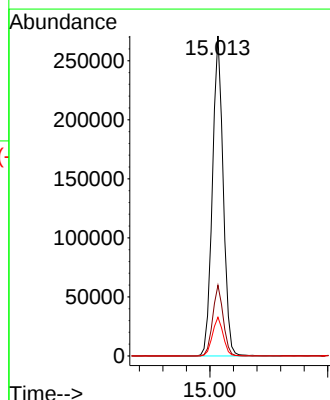
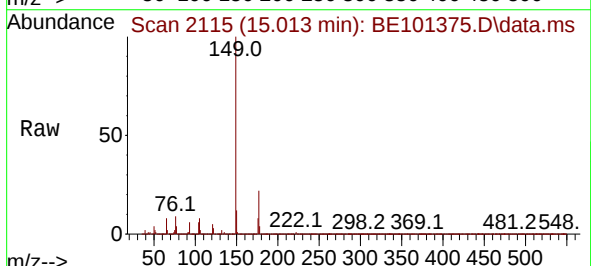
Instrument :
BNA_E
ClientSampleId :

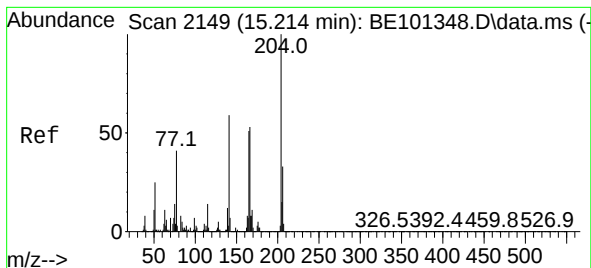
Tgt Ion:	232	Resp:	78261
Ion Ratio	Lower	Upper	
232	100		
131	44.9	34.2	51.4
130	2.1	1.8	2.6
166	31.0	23.6	35.4



#60
Diethylphthalate
Concen: 9.389 ng
RT: 15.013 min Scan# 2115
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:	149	Resp:	343310
Ion Ratio	Lower	Upper	
149	100		
177	22.1	18.4	27.6
150	12.1	10.0	15.0

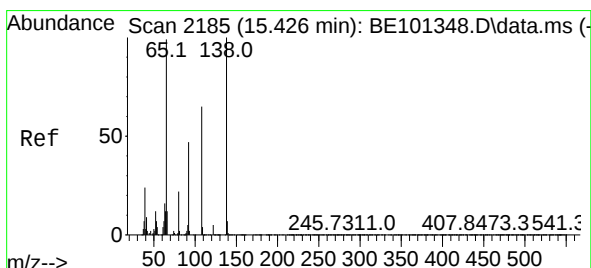
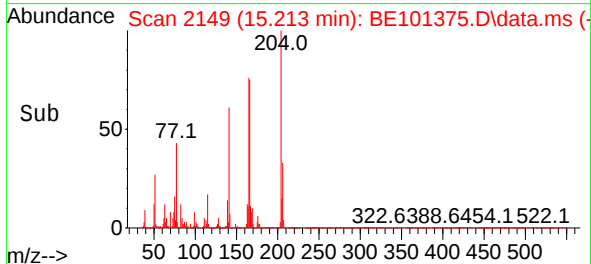
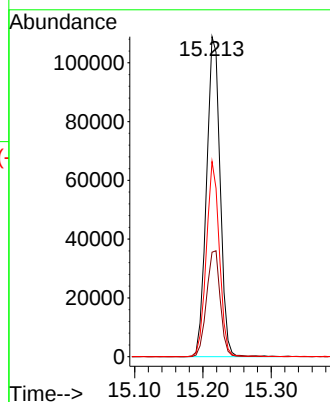
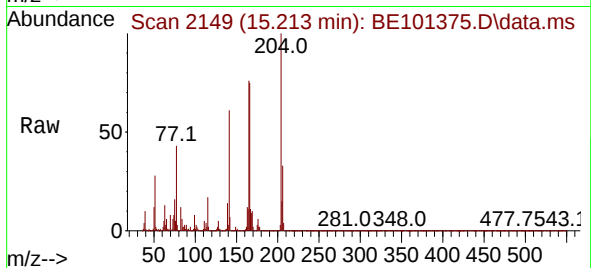




#61
4-Chlorophenyl-phenylether
Concen: 9.017 ng
RT: 15.213 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

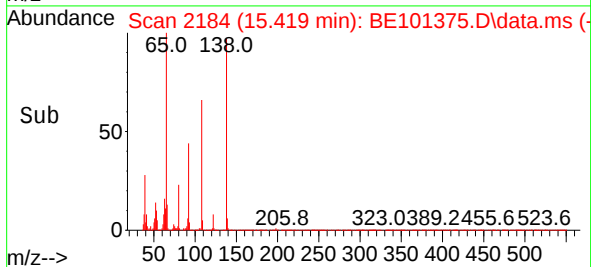
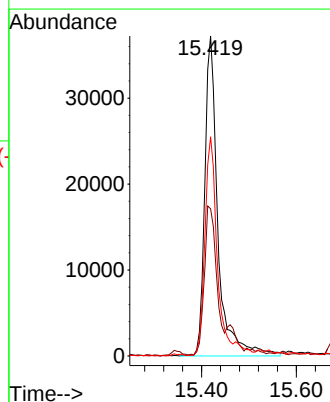
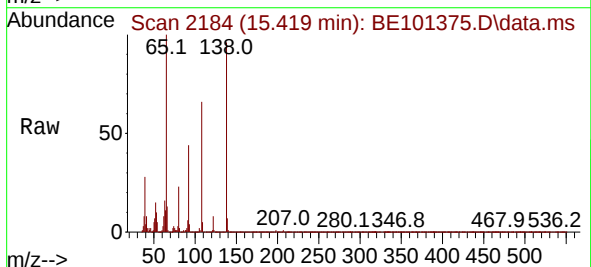
Instrument :
BNA_E
ClientSampleId :

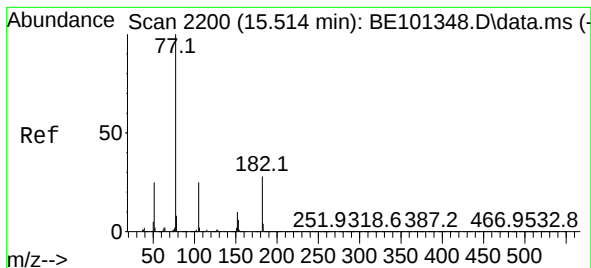
Tgt Ion:204 Resp: 150758
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 61.0 47.2 70.8



#62
4-Nitroaniline
Concen: 8.451 ng
RT: 15.419 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:138 Resp: 71455
Ion Ratio Lower Upper
138 100
92 46.0 26.8 66.8
108 68.5 44.7 84.7





#63

Azobenzene

Concen: 9.374 ng

RT: 15.513 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 77 Resp: 292927

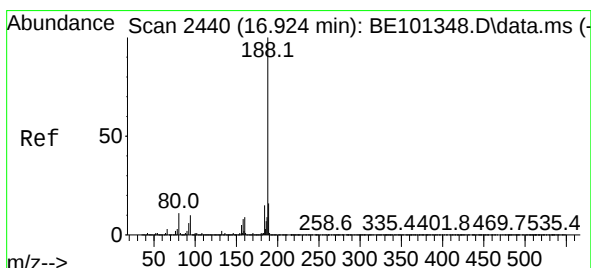
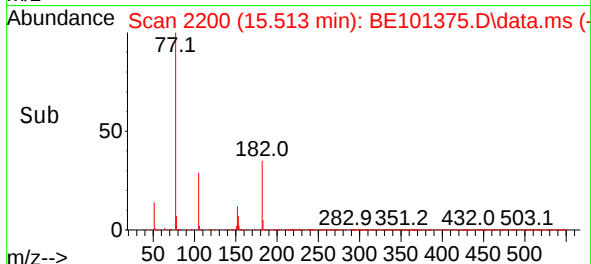
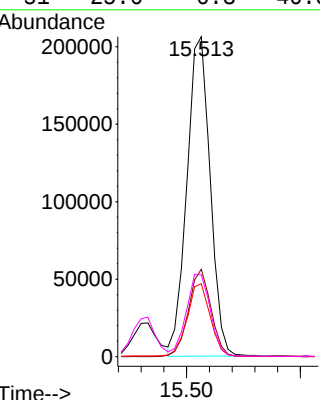
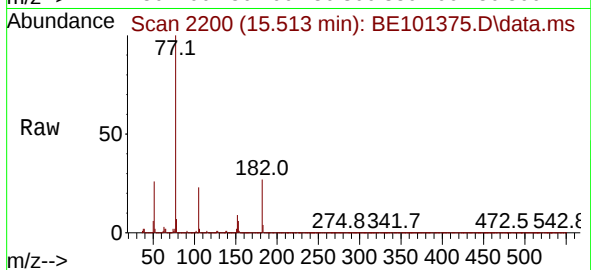
Ion Ratio Lower Upper

77 100

182 27.4 7.8 47.8

105 22.8 4.3 44.3

51 25.6 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.923 min Scan# 2440

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

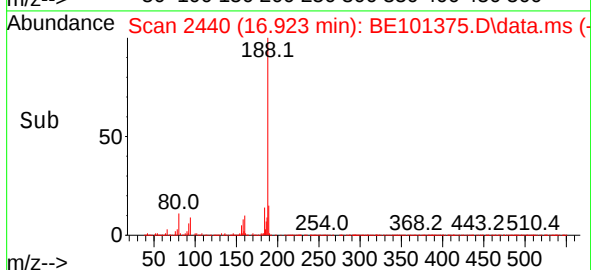
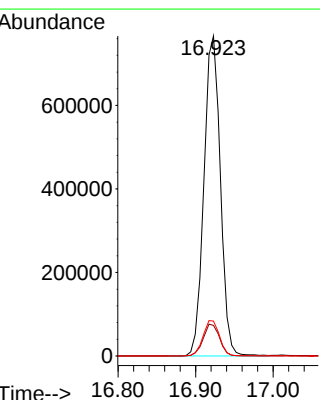
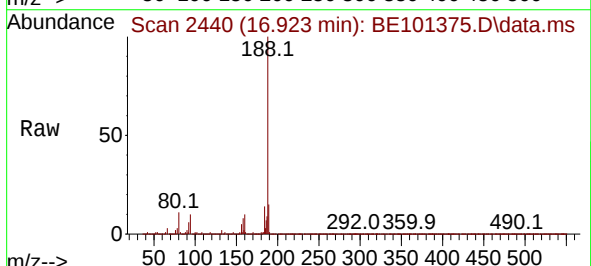
Tgt Ion:188 Resp: 1127269

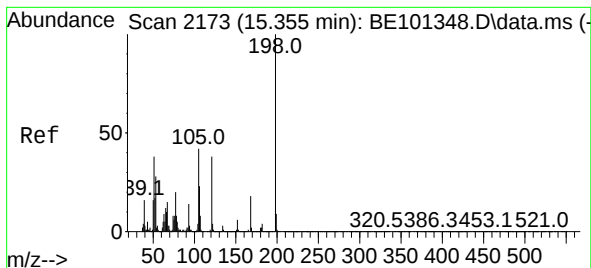
Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 10.9 8.6 13.0

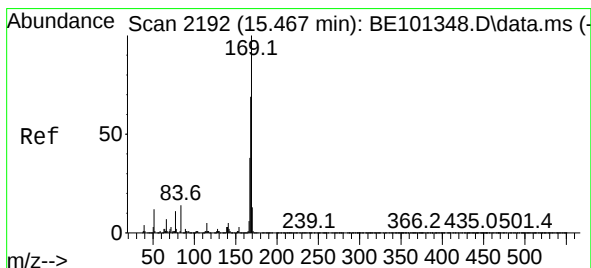
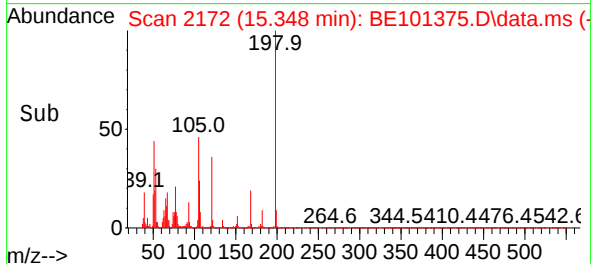
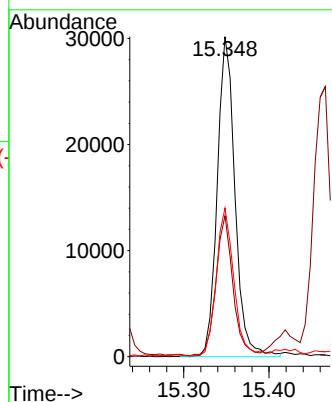
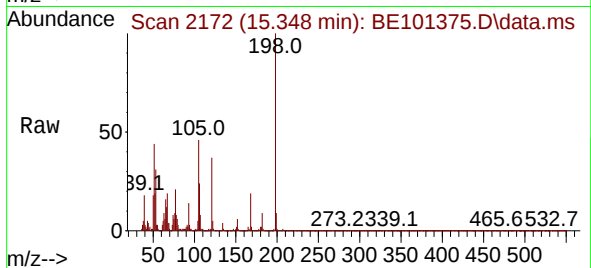




#65
4,6-Dinitro-2-methylphenol
Concen: 6.790 ng
RT: 15.348 min Scan# 2172
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

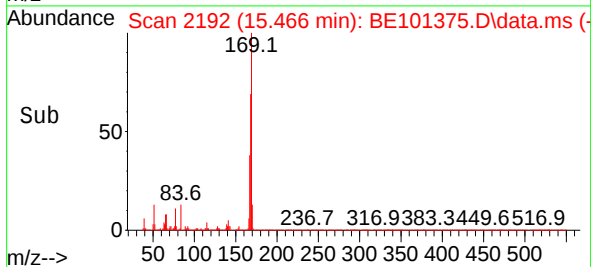
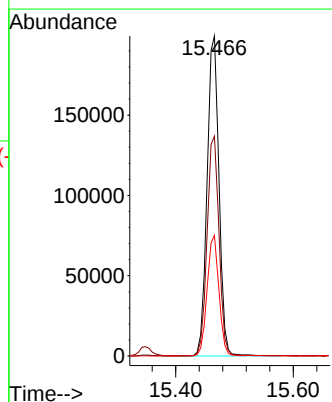
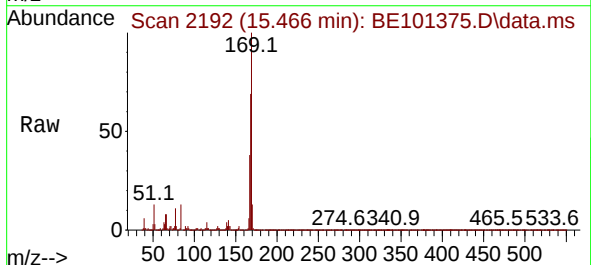
Instrument :
BNA_E
ClientSampleId :

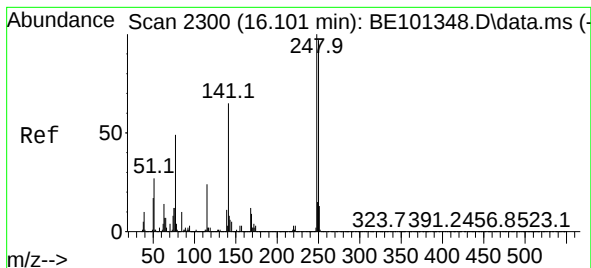
Tgt Ion:198 Resp: 43461
Ion Ratio Lower Upper
198 100
51 44.0 18.1 58.1
105 46.5 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 9.288 ng
RT: 15.466 min Scan# 2192
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:169 Resp: 279076
Ion Ratio Lower Upper
169 100
168 68.7 55.1 82.7
167 37.6 30.5 45.7





#67

4-Bromophenyl-phenylether

Concen: 8.757 ng

RT: 16.100 min Scan# 2300

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

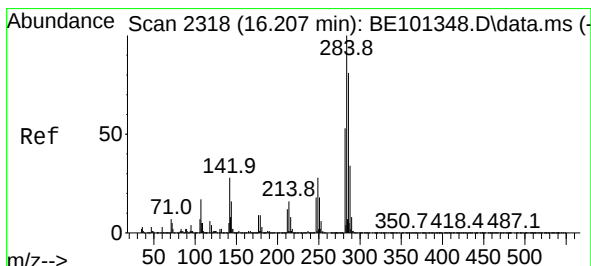
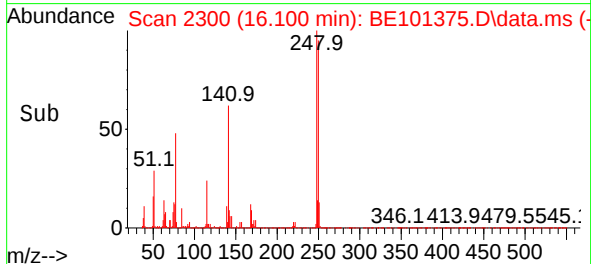
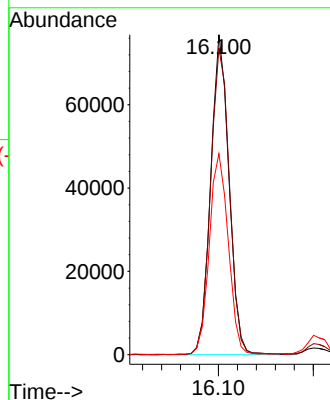
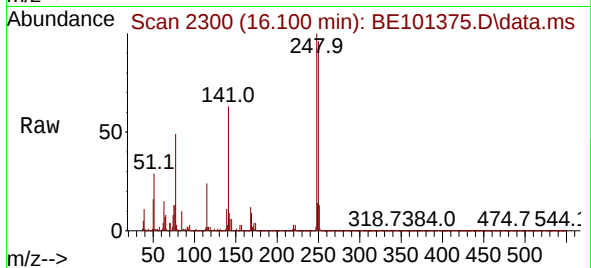
Tgt Ion:248 Resp: 102547

Ion Ratio Lower Upper

248 100

250 95.8 77.7 116.5

141 62.8 51.8 77.8



#68

Hexachlorobenzene

Concen: 8.715 ng

RT: 16.206 min Scan# 2318

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

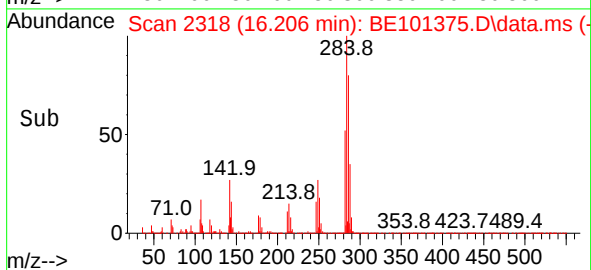
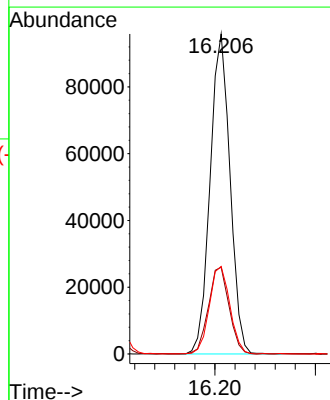
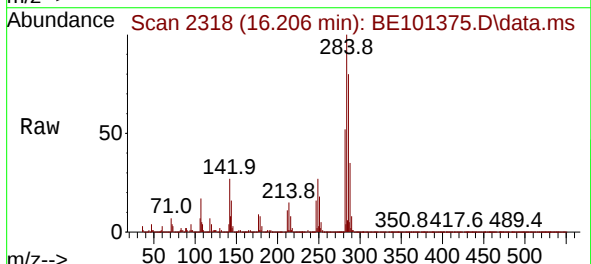
Tgt Ion:284 Resp: 131895

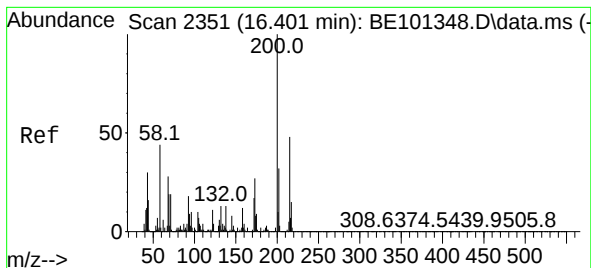
Ion Ratio Lower Upper

284 100

142 27.1 22.1 33.1

249 27.4 22.7 34.1





#69

Atrazine

Concen: 10.674 ng

RT: 16.394 min Scan# 24

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

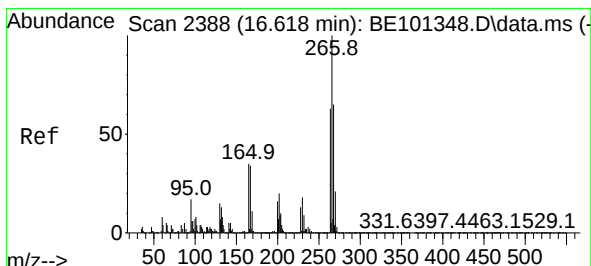
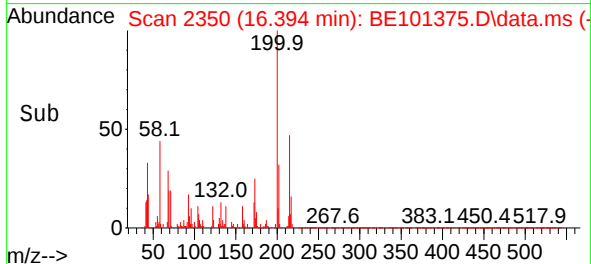
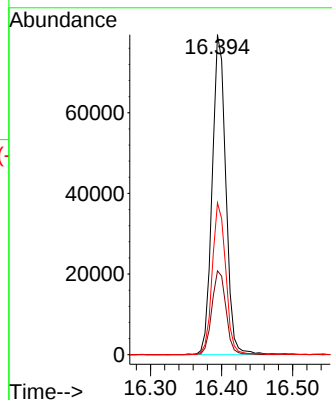
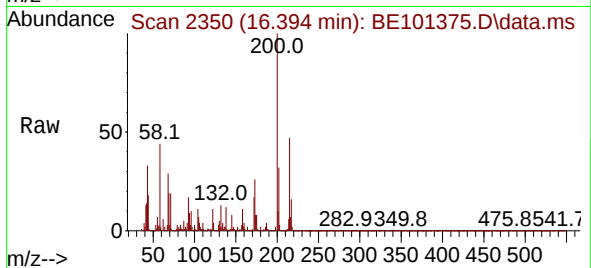
Tgt Ion:200 Resp: 105911

Ion Ratio Lower Upper

200 100

173 26.2 6.9 46.9

215 47.4 27.8 67.8



#70

Pentachlorophenol

Concen: 7.521 ng

RT: 16.612 min Scan# 2387

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

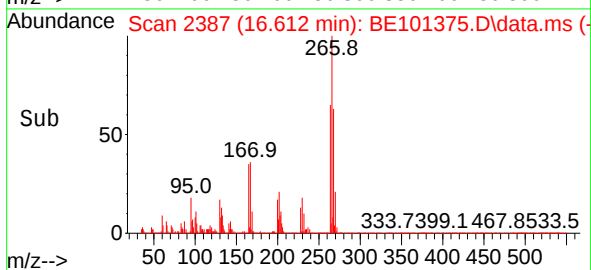
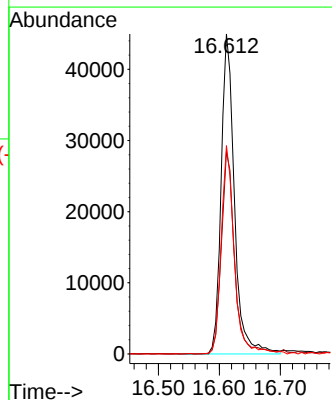
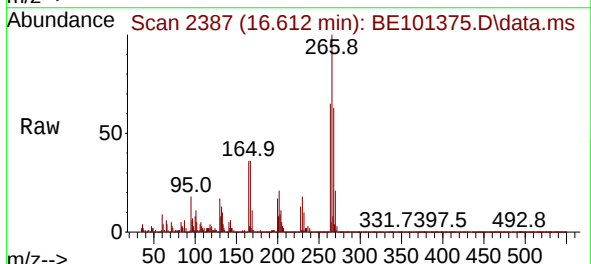
Tgt Ion:266 Resp: 68010

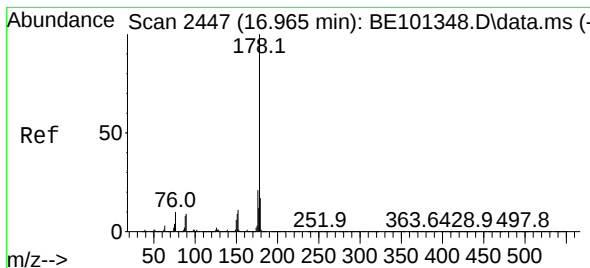
Ion Ratio Lower Upper

266 100

268 63.2 52.2 78.4

264 65.1 50.5 75.7





#71

Phenanthrene

Concen: 9.983 ng

RT: 16.964 min Scan# 2447

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

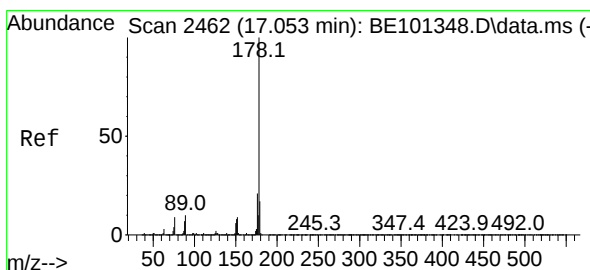
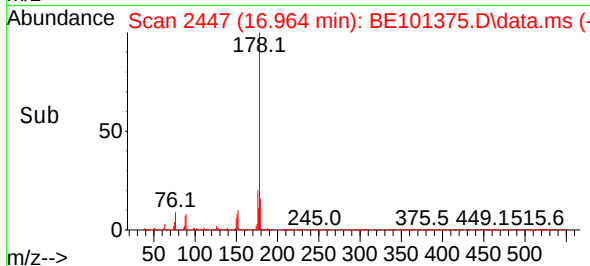
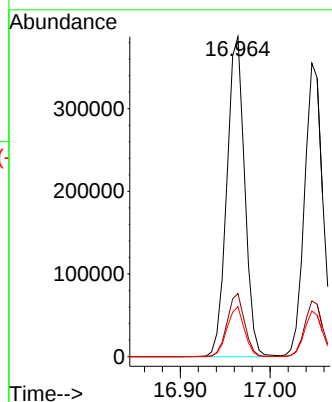
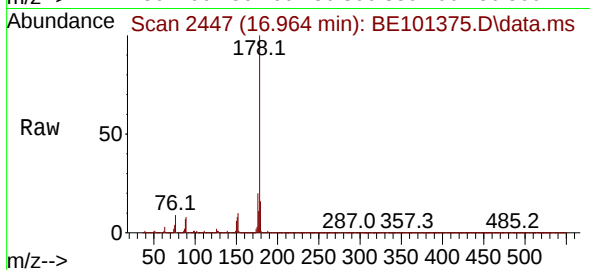
Tgt Ion:178 Resp: 534458

Ion Ratio Lower Upper

178 100

176 19.8 16.8 25.2

179 15.6 13.3 19.9



#72

Anthracene

Concen: 9.731 ng

RT: 17.046 min Scan# 2461

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

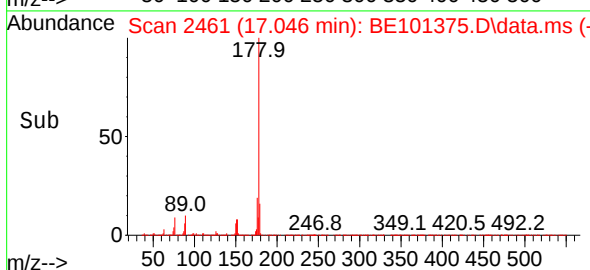
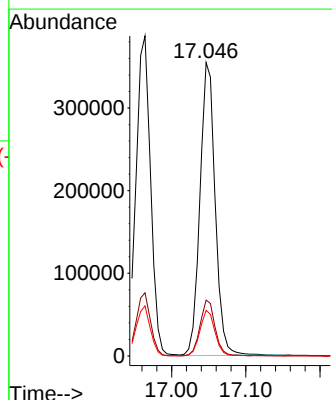
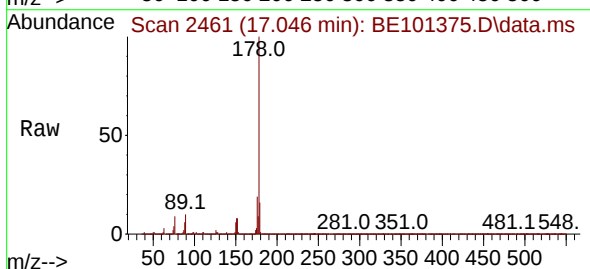
Tgt Ion:178 Resp: 506970

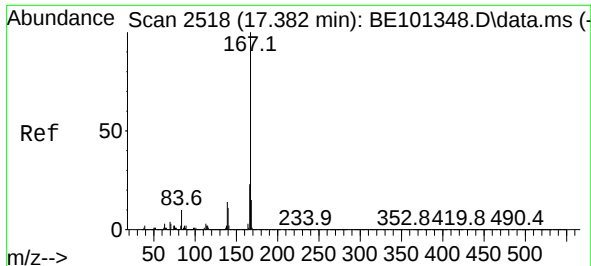
Ion Ratio Lower Upper

178 100

176 19.0 16.4 24.6

179 15.6 13.4 20.0

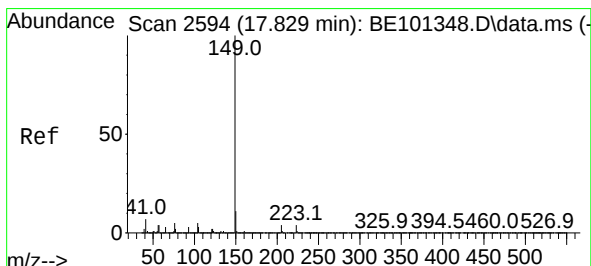
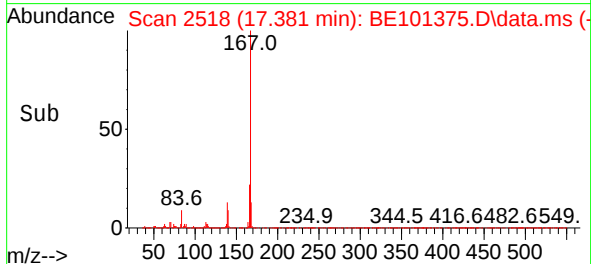
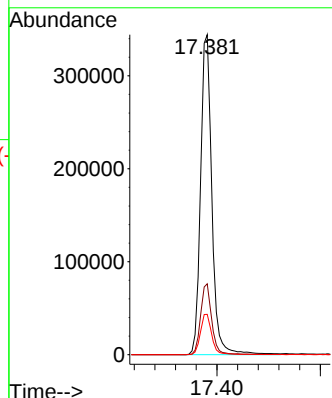
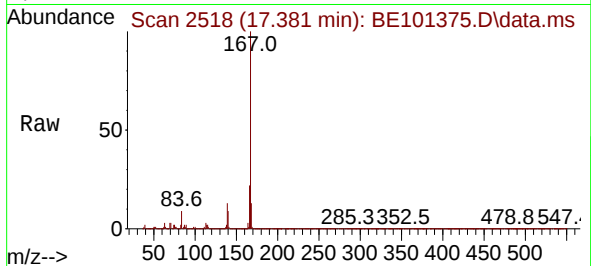




#73
 Carbazole
 Concen: 9.769 ng
 RT: 17.381 min Scan# 2518
 Delta R.T. -0.001 min
 Lab File: BE101375.D
 Acq: 19 Sep 2024 12:34

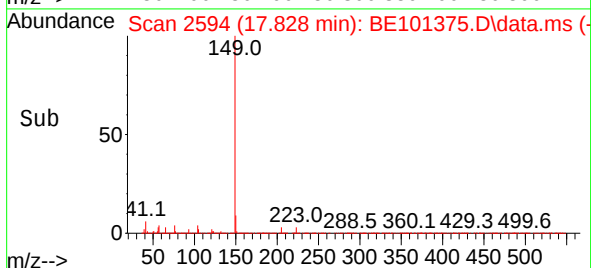
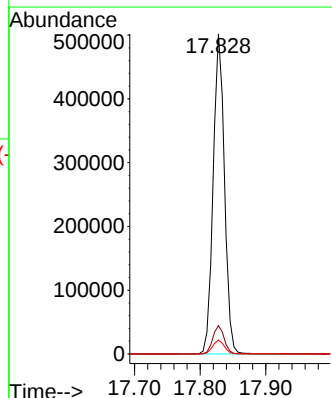
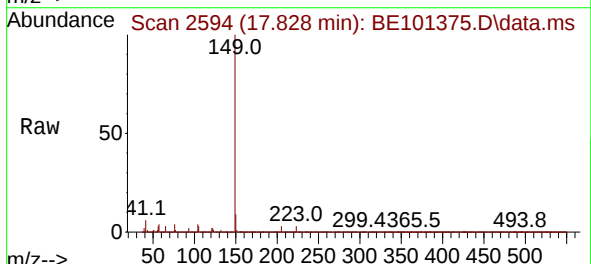
Instrument :
 BNA_E
 ClientSampleId :

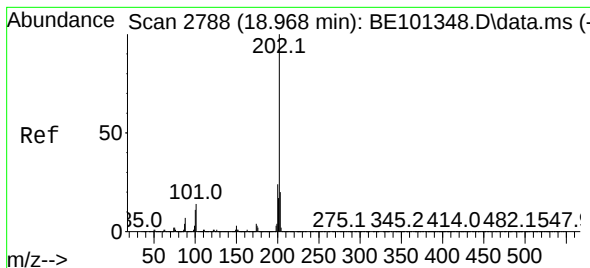
Tgt Ion:167 Resp: 521552
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.4 27.6
 139 12.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 10.227 ng
 RT: 17.828 min Scan# 2594
 Delta R.T. -0.001 min
 Lab File: BE101375.D
 Acq: 19 Sep 2024 12:34

Tgt Ion:149 Resp: 599543
 Ion Ratio Lower Upper
 149 100
 150 8.9 9.0 13.6#
 104 4.4 4.4 6.6#





#75

Fluoranthene

Concen: 10.219 ng

RT: 18.968 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

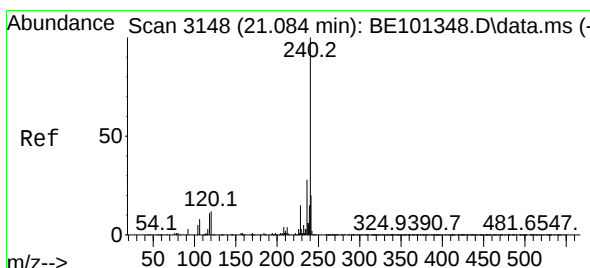
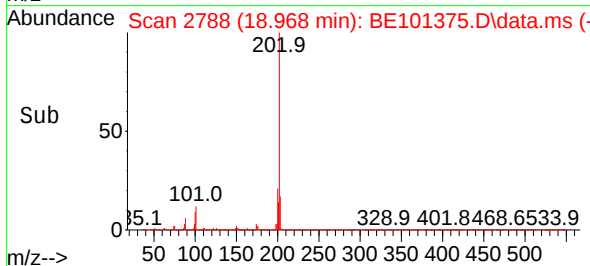
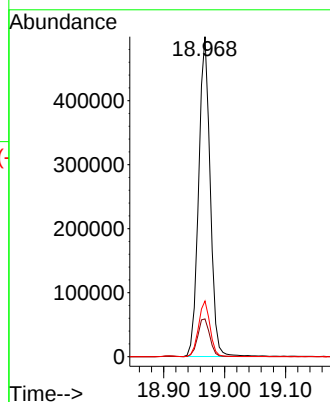
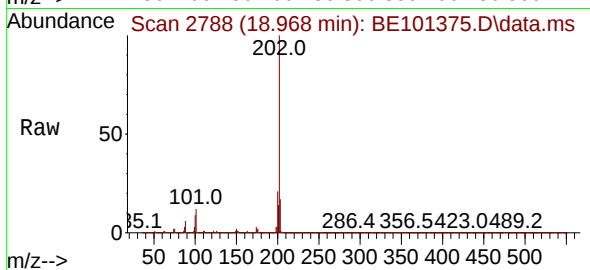
Tgt Ion:202 Resp: 658615

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.2

203 17.4 0.4 40.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.083 min Scan# 3148

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

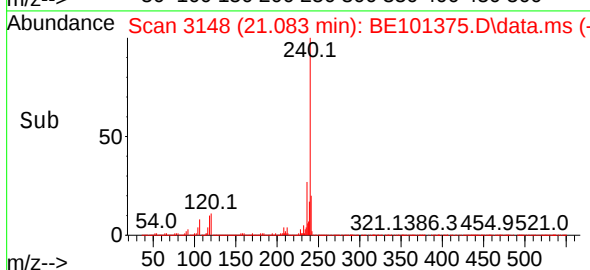
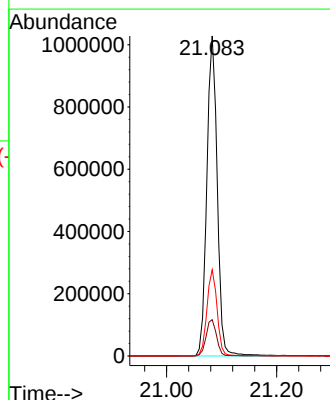
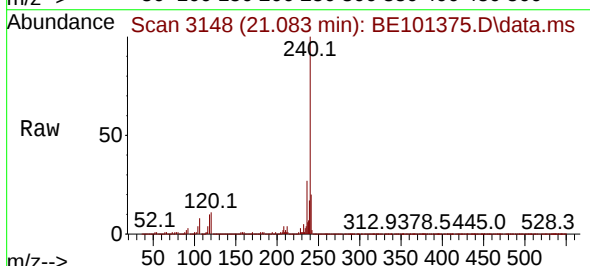
Tgt Ion:240 Resp: 1344600

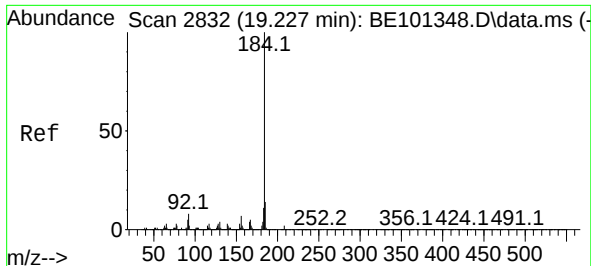
Ion Ratio Lower Upper

240 100

120 11.4 9.8 14.8

236 27.0 22.1 33.1

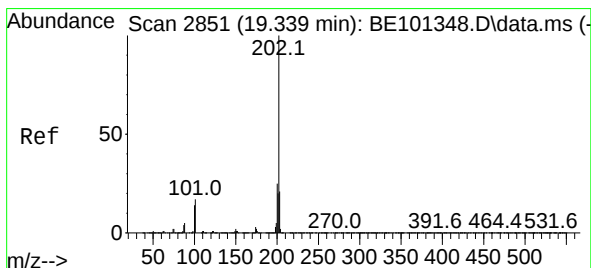
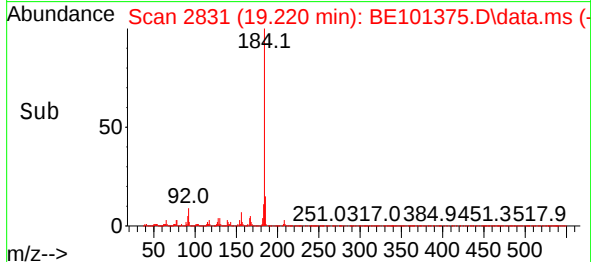
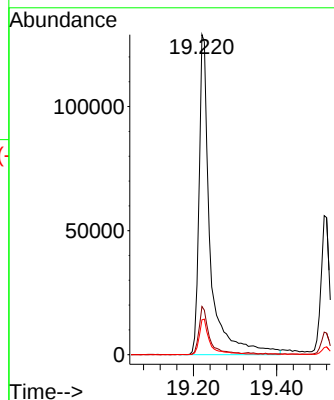
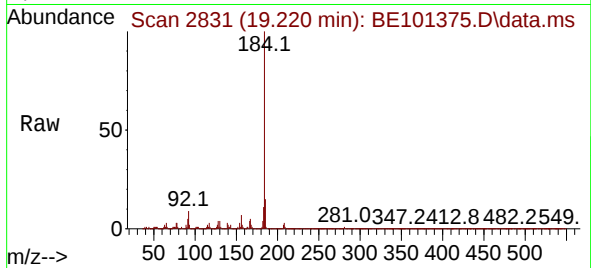




#77
Benzidine
Concen: 10.818 ng
RT: 19.220 min Scan# 2831
Delta R.T. -0.007 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

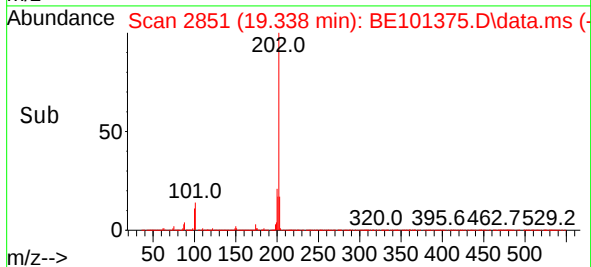
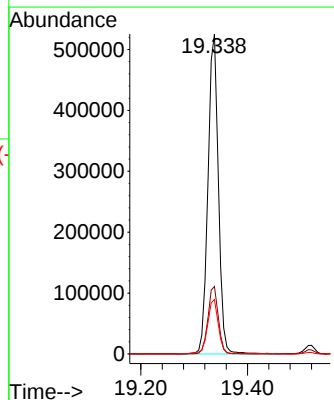
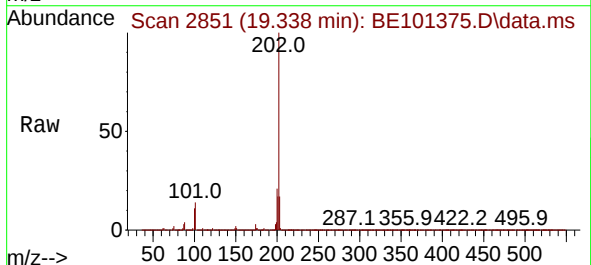
Instrument :
BNA_E
ClientSampleId :

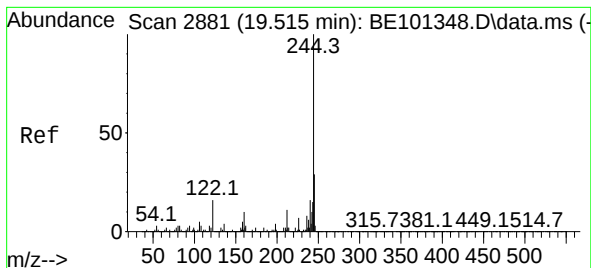
Tgt Ion:184 Resp: 241403
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 10.9 9.1 13.7



#78
Pyrene
Concen: 9.548 ng
RT: 19.338 min Scan# 2851
Delta R.T. -0.001 min
Lab File: BE101375.D
Acq: 19 Sep 2024 12:34

Tgt Ion:202 Resp: 713992
Ion Ratio Lower Upper
202 100
200 21.1 20.2 30.2
203 17.0 16.6 25.0





#79

Terphenyl-d14

Concen: 75.583 ng

RT: 19.520 min Scan# 2882

Delta R.T. 0.005 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

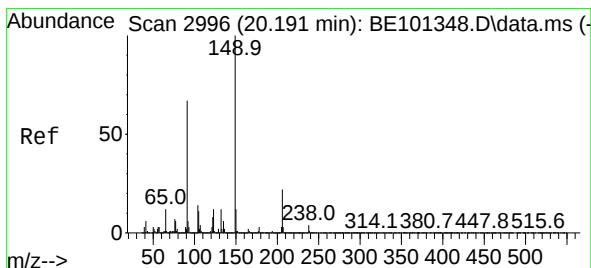
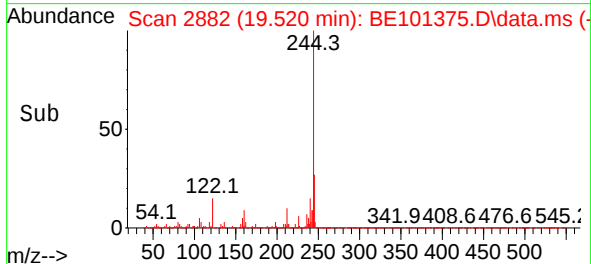
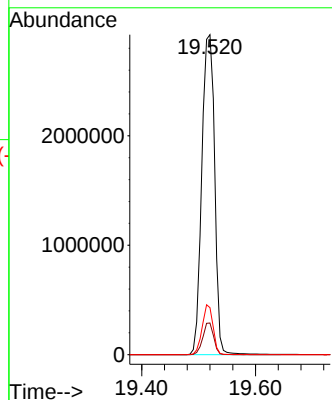
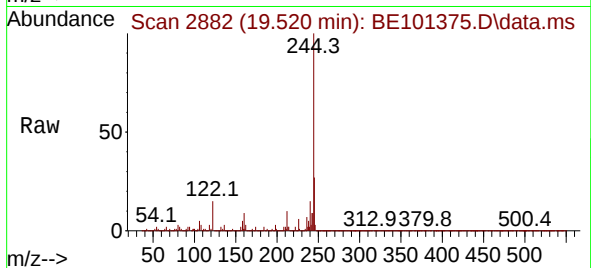
Tgt Ion:244 Resp: 4583382

Ion Ratio Lower Upper

244 100

212 9.9 8.5 12.7

122 14.7 13.1 19.7



#80

Butylbenzylphthalate

Concen: 9.328 ng

RT: 20.190 min Scan# 2996

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

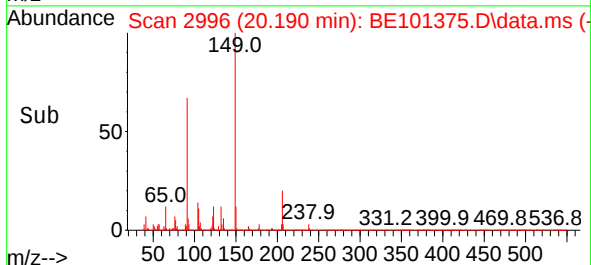
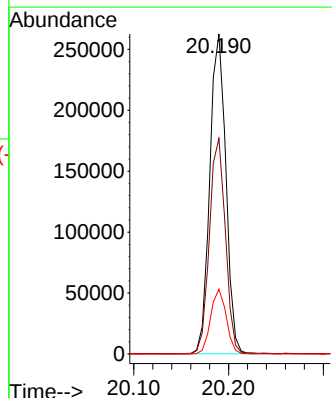
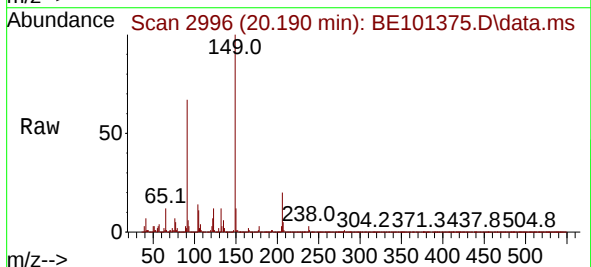
Tgt Ion:149 Resp: 308805

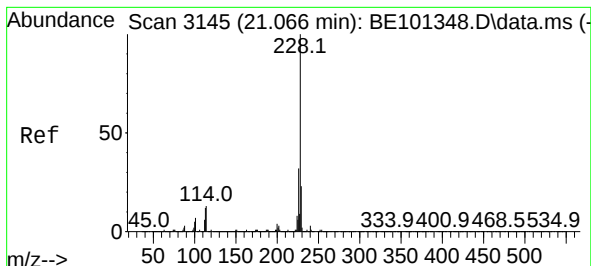
Ion Ratio Lower Upper

149 100

91 67.3 53.4 80.2

206 20.2 17.4 26.0





#81

Benzo(a)anthracene

Concen: 10.333 ng

RT: 21.059 min Scan# 3144

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

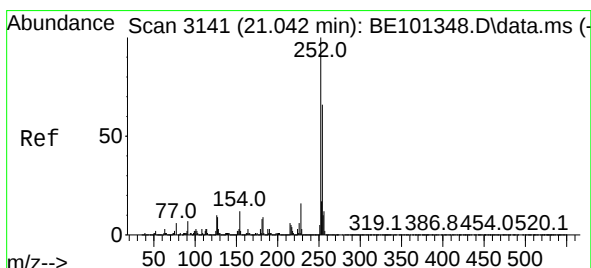
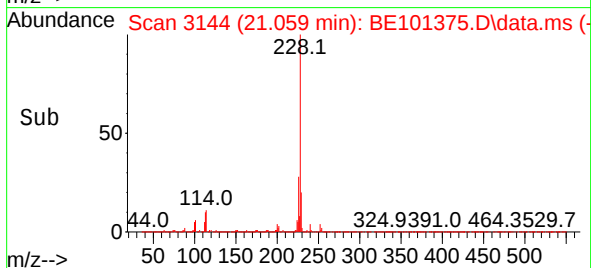
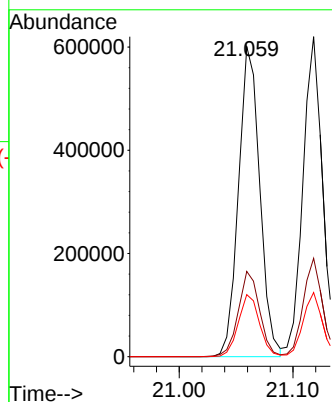
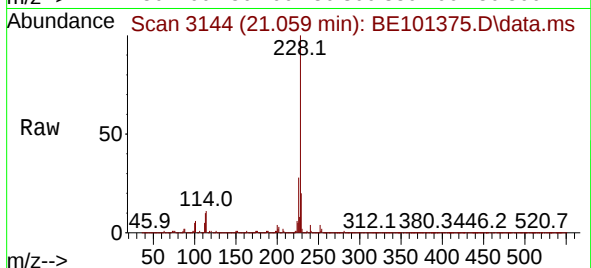
Tgt Ion:228 Resp: 780259

Ion Ratio Lower Upper

228 100

226 27.5 25.7 38.5

229 20.0 18.6 28.0



#82

3,3'-Dichlorobenzidine

Concen: 9.635 ng

RT: 21.042 min Scan# 3141

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

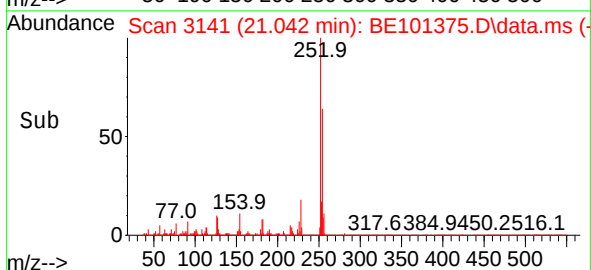
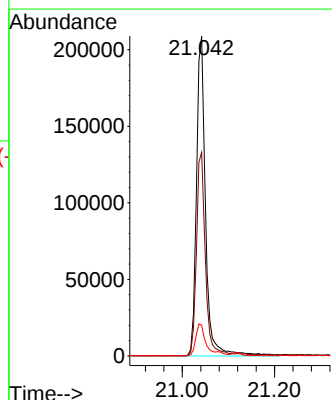
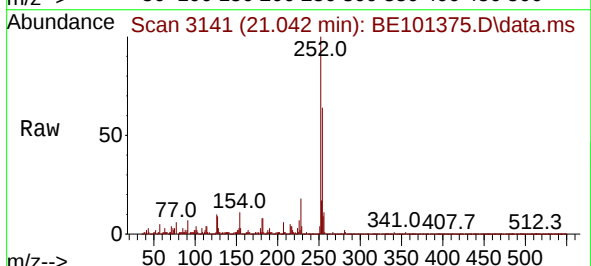
Tgt Ion:252 Resp: 285081

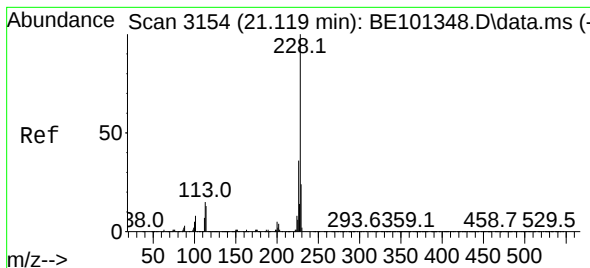
Ion Ratio Lower Upper

252 100

254 63.6 52.5 78.7

126 9.6 8.0 12.0





#83

Chrysene

Concen: 10.402 ng

RT: 21.118 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

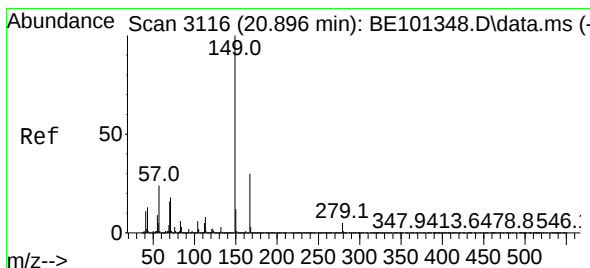
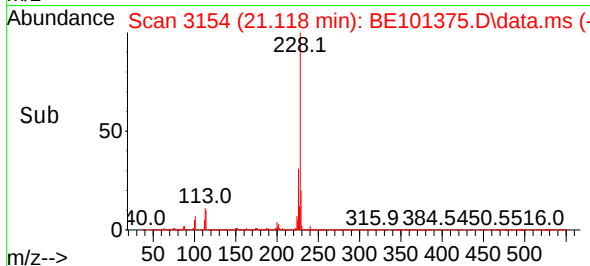
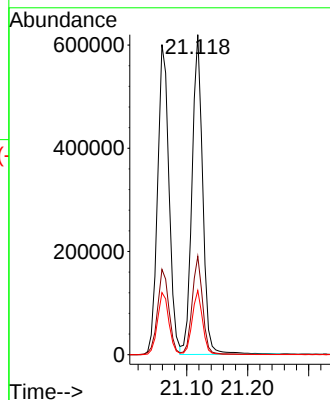
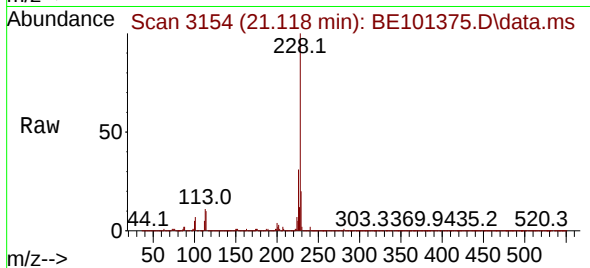
Tgt Ion:228 Resp: 754529

Ion Ratio Lower Upper

228 100

226 30.7 28.4 42.6

229 20.0 19.0 28.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.290 ng

RT: 20.895 min Scan# 3116

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

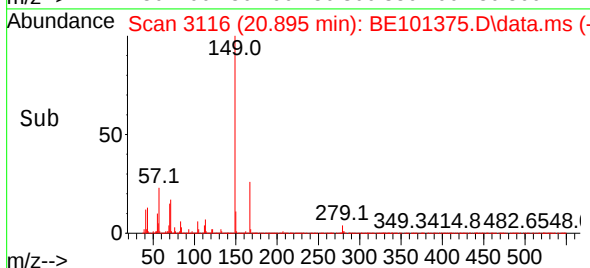
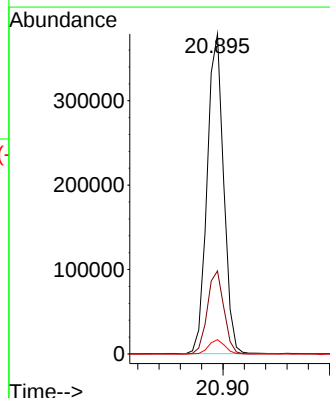
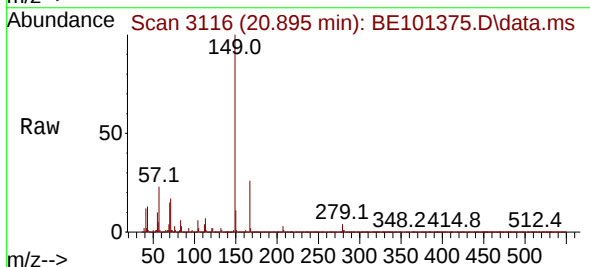
Tgt Ion:149 Resp: 406702

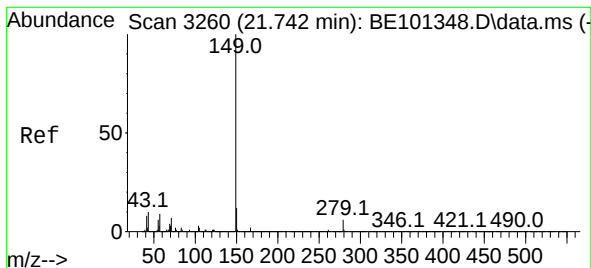
Ion Ratio Lower Upper

149 100

167 26.0 23.9 35.9

279 4.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 10.019 ng

RT: 21.741 min Scan# 31

Delta R.T. -0.001 min

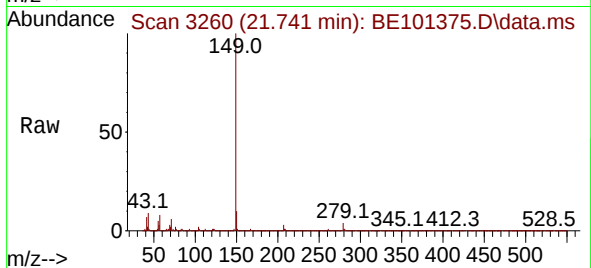
Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :



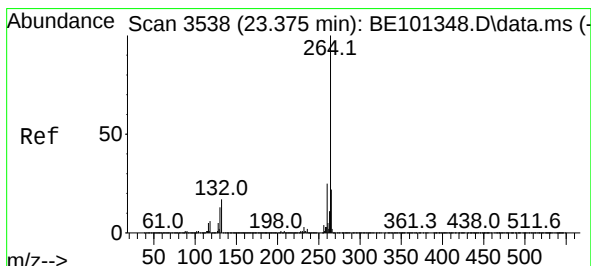
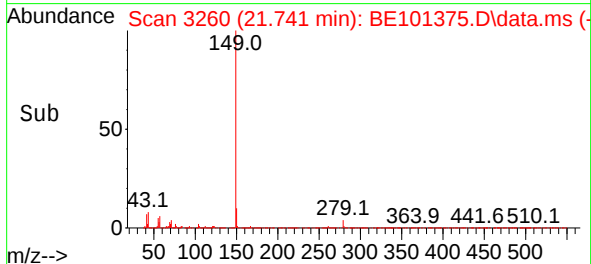
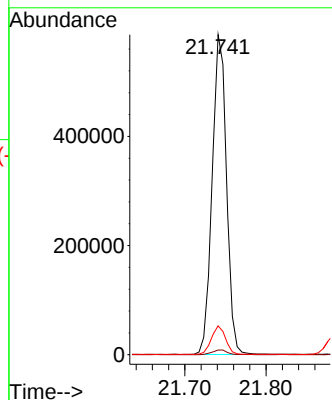
Tgt Ion:149 Resp: 715971

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.2

43 8.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.374 min Scan# 3538

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

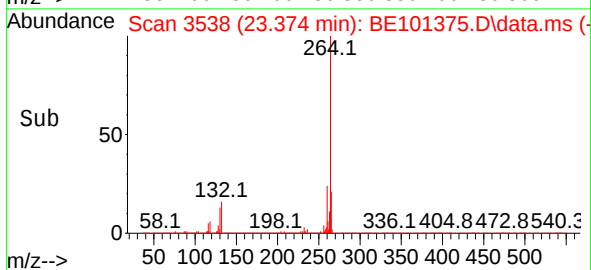
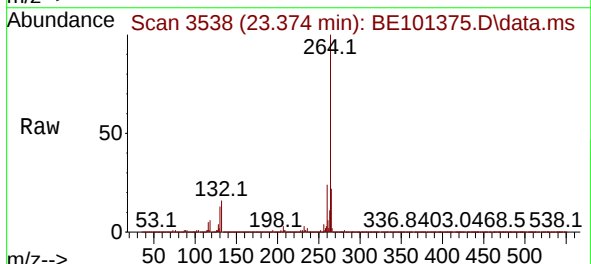
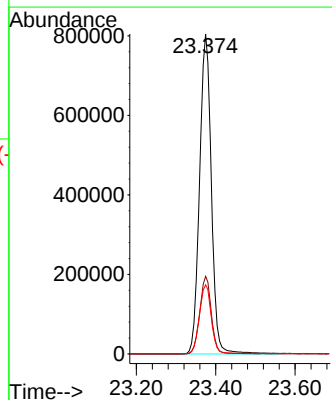
Tgt Ion:264 Resp: 1656699

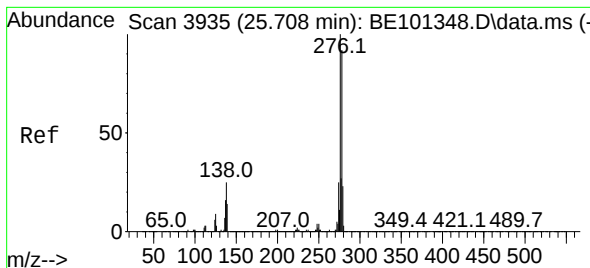
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.821 ng

RT: 25.689 min Scan# 3935

Delta R.T. -0.018 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

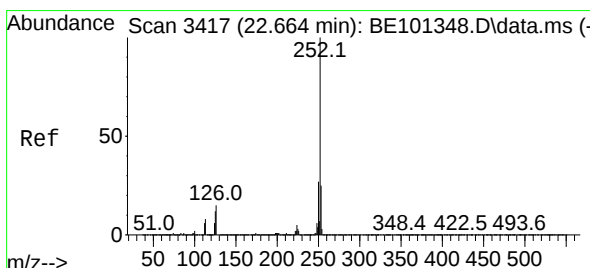
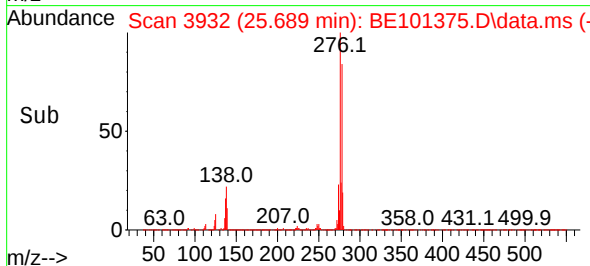
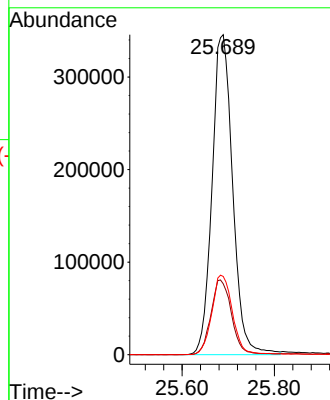
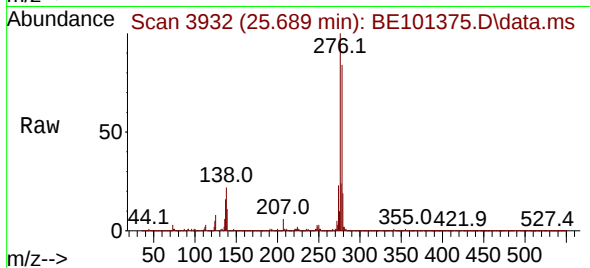
Tgt Ion:276 Resp: 1071939

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

277 25.0 20.8 31.2



#88

Benzo(b)fluoranthene

Concen: 9.516 ng

RT: 22.663 min Scan# 3417

Delta R.T. -0.001 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

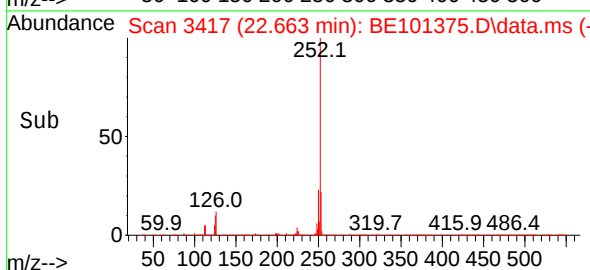
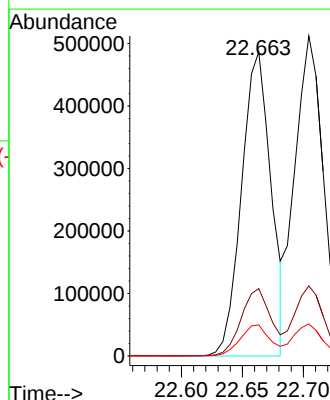
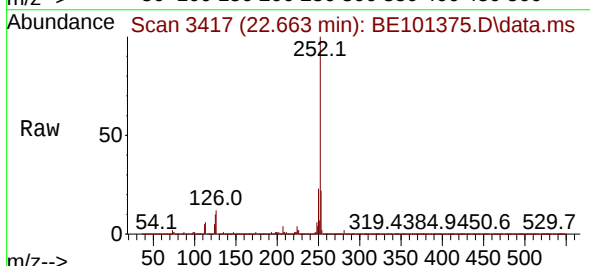
Tgt Ion:252 Resp: 816498

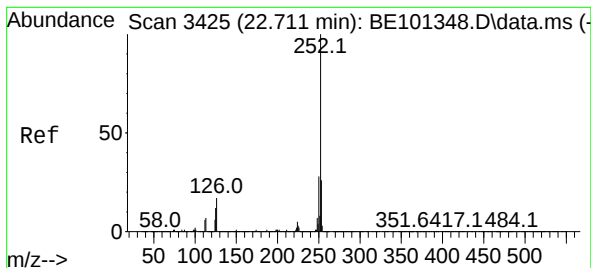
Ion Ratio Lower Upper

252 100

253 22.1 20.2 30.2

125 10.2 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 10.631 ng

RT: 22.704 min Scan# 34

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

Instrument :

BNA_E

ClientSampleId :

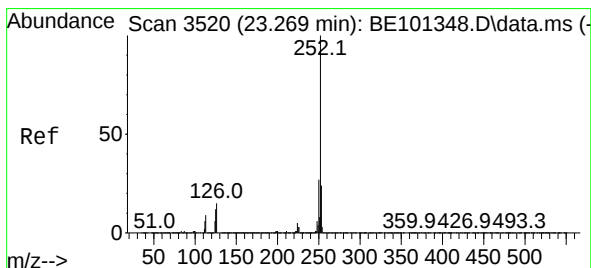
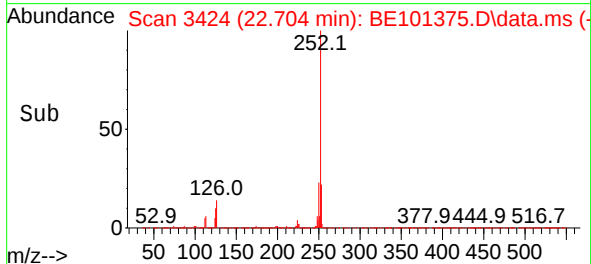
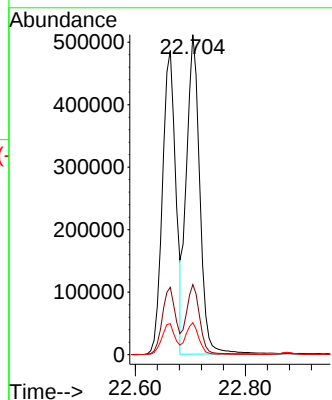
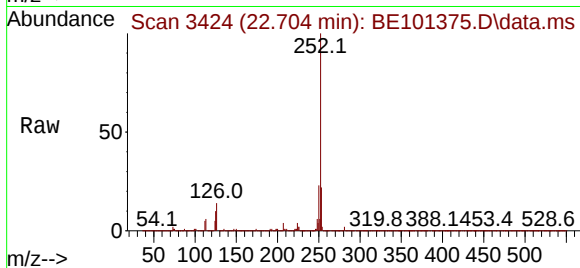
Tgt Ion:252 Resp: 860974

Ion Ratio Lower Upper

252 100

253 21.9 20.2 30.4

125 10.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 10.119 ng

RT: 23.263 min Scan# 3519

Delta R.T. -0.007 min

Lab File: BE101375.D

Acq: 19 Sep 2024 12:34

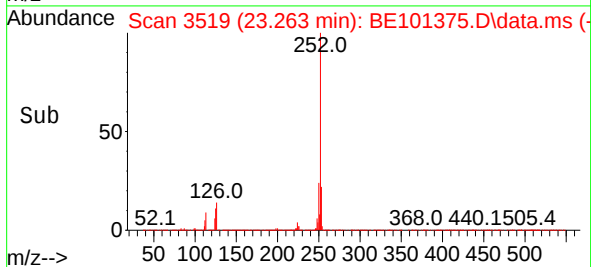
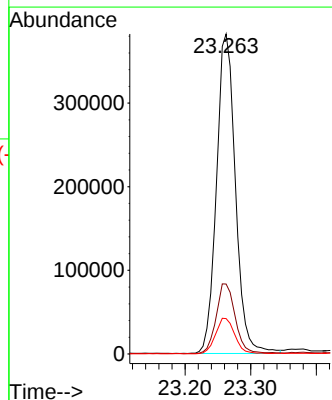
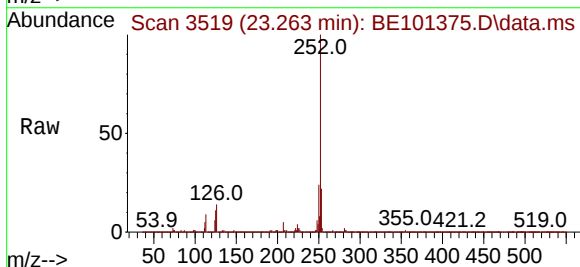
Tgt Ion:252 Resp: 766260

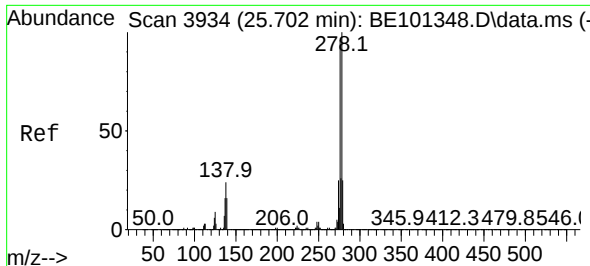
Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.6

125 11.0 9.6 14.4

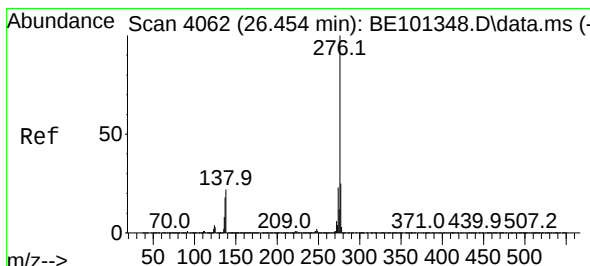
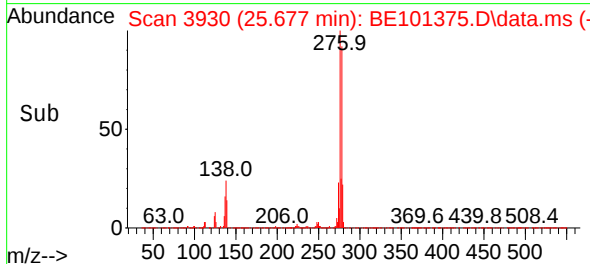
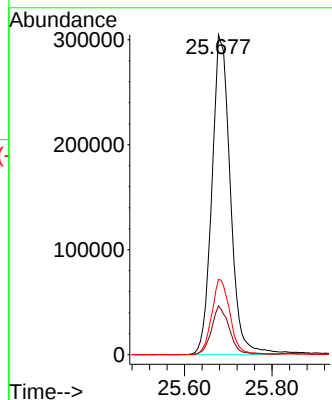
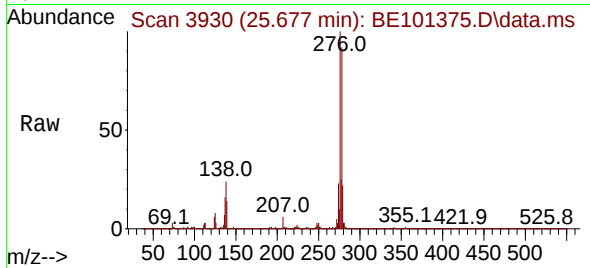




#91
 Dibenzo(a,h)anthracene
 Concen: 9.717 ng
 RT: 25.677 min Scan# 3934
 Delta R.T. -0.024 min
 Lab File: BE101375.D
 Acq: 19 Sep 2024 12:34

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:278 Resp: 887923
 Ion Ratio Lower Upper
 278 100
 139 15.2 12.4 18.6
 279 23.5 19.8 29.8



#92
 Benzo(g,h,i)perylene
 Concen: 8.982 ng
 RT: 26.435 min Scan# 4059
 Delta R.T. -0.018 min
 Lab File: BE101375.D
 Acq: 19 Sep 2024 12:34

Tgt Ion:276 Resp: 833401
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.8 29.8
 138 20.5 17.4 26.0

