

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101482.D
 Acq On : 5 Nov 2024 16:52
 Operator : RC/JU
 Sample : P4640-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 17:00:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	70903	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	316494	20.000	ng	0.00
39) Acenaphthene-d10	14.181	164	211098	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	458730	20.000	ng	0.00
76) Chrysene-d12	21.084	240	529239	20.000	ng	0.00
86) Perylene-d12	23.370	264	687004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	606143	149.834	ng	0.00
7) Phenol-d6	6.954	99	771449	137.528	ng	0.00
23) Nitrobenzene-d5	8.781	82	477718	94.805	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	541731	146.419	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	1213699	97.369	ng	0.00
79) Terphenyl-d14	19.510	244	2248214	97.770	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	51243	33.962	ng	# 53
3) Pyridine	3.652	79	115833	27.135	ng	98
4) n-Nitrosodimethylamine	3.558	42	63320	38.337	ng	96
6) Aniline	7.036	93	252459	58.726	ng	# 59
8) 2-Chlorophenol	7.212	128	208071	42.883	ng	99
9) Benzaldehyde	6.783	77	16216	5.988	ng	98
10) Phenol	6.977	94	267994	44.032	ng	98
11) bis(2-Chloroethyl)ether	7.036	93	252459	50.564	ng	98
12) 1,3-Dichlorobenzene	7.459	146	134287	25.667	ng	97
13) 1,4-Dichlorobenzene	7.606	146	140925	26.377	ng	99
14) 1,2-Dichlorobenzene	7.929	146	143628	27.463	ng	99
15) Benzyl Alcohol	7.911	79	142763	42.697	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.064	45	230289	36.651	ng	97
17) 2-Methylphenol	8.152	107	180133	43.729	ng	99
18) Hexachloroethane	8.622	117	46296	26.534	ng	99
19) n-Nitroso-di-n-propyla...	8.370	70	156410	42.019	ng	98
20) 3+4-Methylphenols	8.493	107	253732	44.623	ng	99
22) Acetophenone	8.423	105	294199	40.939	ng	97
24) Nitrobenzene	8.822	77	206802	38.559	ng	98
25) Isophorone	9.269	82	446476	45.406	ng	99
26) 2-Nitrophenol	9.510	139	119844	46.233	ng	99
27) 2,4-Dimethylphenol	9.627	122	190965	58.545	ng	99
28) bis(2-Chloroethoxy)met...	9.768	93	259939	43.591	ng	98
29) 2,4-Dichlorophenol	10.062	162	222094	49.216	ng	99
30) 1,2,4-Trichlorobenzene	10.185	180	174095	35.415	ng	98
31) Naphthalene	10.385	128	604398	37.474	ng	100
32) Benzoic acid	9.909	122	82396	28.568	ng	97
33) 4-Chloroaniline	10.620	127	27490	4.902	ng	95
34) Hexachlorobutadiene	10.632	225	98828	33.964	ng	100
35) Caprolactam	11.413	113	26615	15.386	ng	97
36) 4-Chloro-3-methylphenol	11.795	107	237119	46.150	ng	100
37) 2-Methylnaphthalene	11.977	142	485780	41.807	ng	99
38) 1-Methylnaphthalene	12.206	142	458311	39.520	ng	99
40) 1,2,4,5-Tetrachloroben...	12.336	216	239808	45.253	ng	99
41) Hexachlorocyclopentadiene	12.318	237	270499	154.557	ng	100
43) 2,4,6-Trichlorophenol	12.653	196	192099	52.583	ng	99

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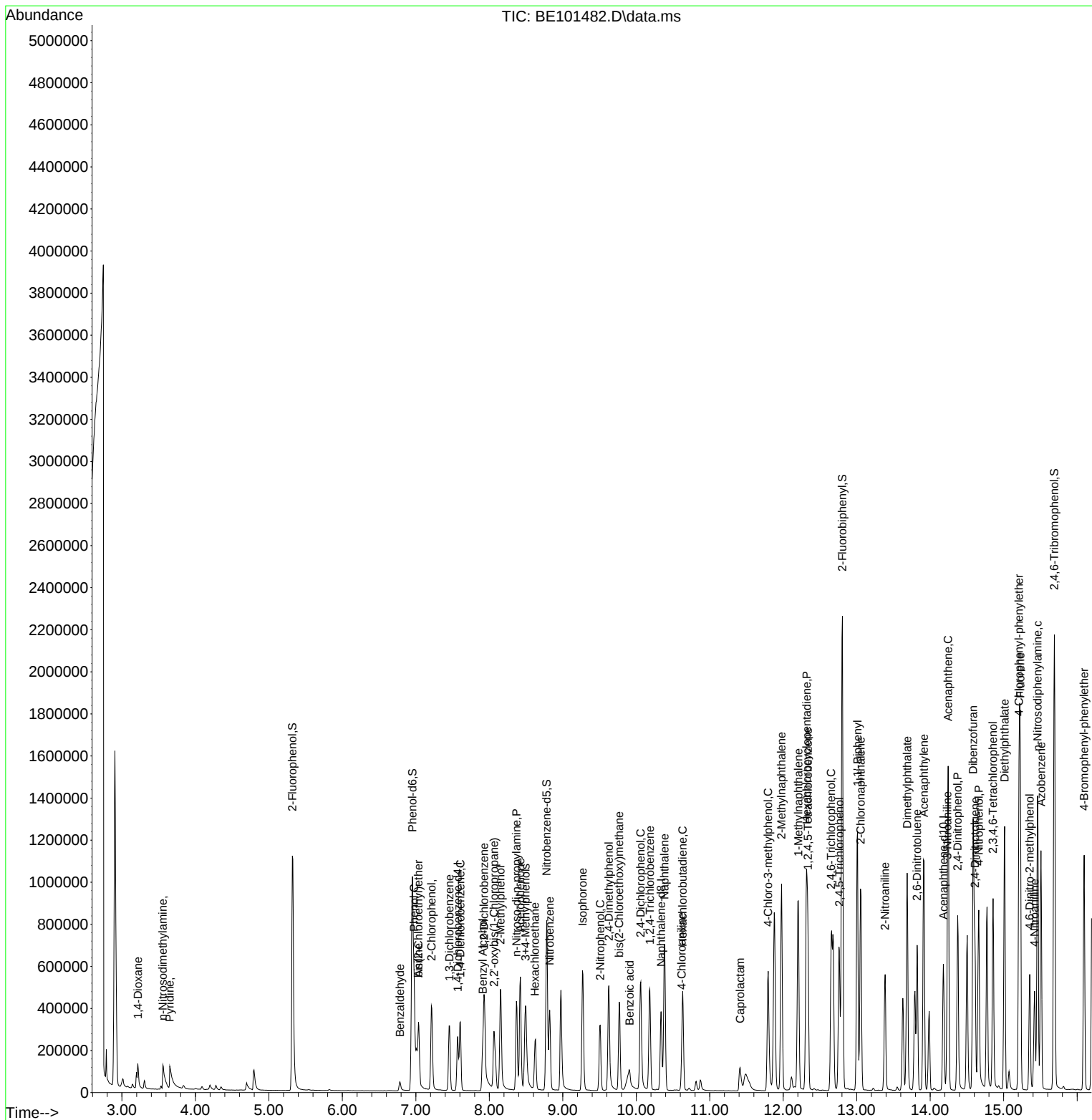
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.765	196	211609	50.581	ng	99
46) 1,1'-Biphenyl	13.011	154	663722	45.892	ng	99
47) 2-Chloronaphthalene	13.052	162	510203	44.652	ng	99
48) 2-Nitroaniline	13.387	65	150789	49.036	ng	97
49) Acenaphthylene	13.916	152	853443	50.507	ng	99
50) Dimethylphthalate	13.687	163	722325	48.476	ng	99
51) 2,6-Dinitrotoluene	13.822	165	157480	45.776	ng	98
52) Acenaphthene	14.245	154	522820	47.384	ng	100
53) 3-Nitroaniline	14.233	138	48570	14.198	ng	97
54) 2,4-Dinitrophenol	14.374	184	209746	85.399	ng	98
55) Dibenzofuran	14.586	168	832109	47.316	ng	99
56) 4-Nitrophenol	14.662	139	291457	93.038	ng	99
57) 2,4-Dinitrotoluene	14.609	165	226931	47.914	ng	99
58) Fluorene	15.226	166	689800	46.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.856	232	196455	50.825	ng	99
60) Diethylphthalate	15.015	149	736065	47.226	ng	99
61) 4-Chlorophenyl-phenyle...	15.209	204	344527	47.193	ng	99
62) 4-Nitroaniline	15.420	138	140300	36.857	ng	98
63) Azobenzene	15.508	77	625342	46.678	ng	99
65) 4,6-Dinitro-2-methylph...	15.356	198	140436	52.099	ng	97
66) n-Nitrosodiphenylamine	15.461	169	550316	45.238	ng	99
67) 4-Bromophenyl-phenylether	16.096	248	242652	50.286	ng	98
68) Hexachlorobenzene	16.208	284	312640	49.429	ng	97
69) Atrazine	16.396	200	147854	39.644	ng	99
70) Pentachlorophenol	16.613	266	378128	103.859	ng	99
71) Phenanthrene	16.960	178	1110798	50.575	ng	98
72) Anthracene	17.048	178	1143614	53.325	ng	98
73) Carbazole	17.377	167	974324	44.401	ng	98
74) Di-n-butylphthalate	17.823	149	1317603	54.542	ng	98
75) Fluoranthene	18.963	202	1348741	50.560	ng	97
77) Benzidine	19.222	184	48644	7.242	ng	99
78) Pyrene	19.333	202	1433310	49.248	ng	96
80) Butylbenzylphthalate	20.179	149	649438	50.901	ng	99
81) Benzo(a)anthracene	21.061	228	1550504	52.124	ng	97
82) 3,3'-Dichlorobenzidine	21.031	252	174231	14.952	ng	100
83) Chrysene	21.119	228	1475679	51.308	ng	96
84) Bis(2-ethylhexyl)phtha...	20.884	149	985218	58.126	ng	99
85) Di-n-octyl phthalate	21.730	149	1713935	61.610	ng	98
87) Indeno(1,2,3-cd)pyrene	25.714	276	2410594	52.430	ng	99
88) Benzo(b)fluoranthene	22.665	252	1759337	49.140	ng	98
89) Benzo(k)fluoranthene	22.712	252	1795794	53.688	ng	96
90) Benzo(a)pyrene	23.264	252	1709846	54.608	ng	99
91) Dibenzo(a,h)anthracene	25.702	278	1986161	52.280	ng	99
92) Benzo(g,h,i)perylene	26.460	276	1815619	46.383	ng	99

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

ClientSampleId :

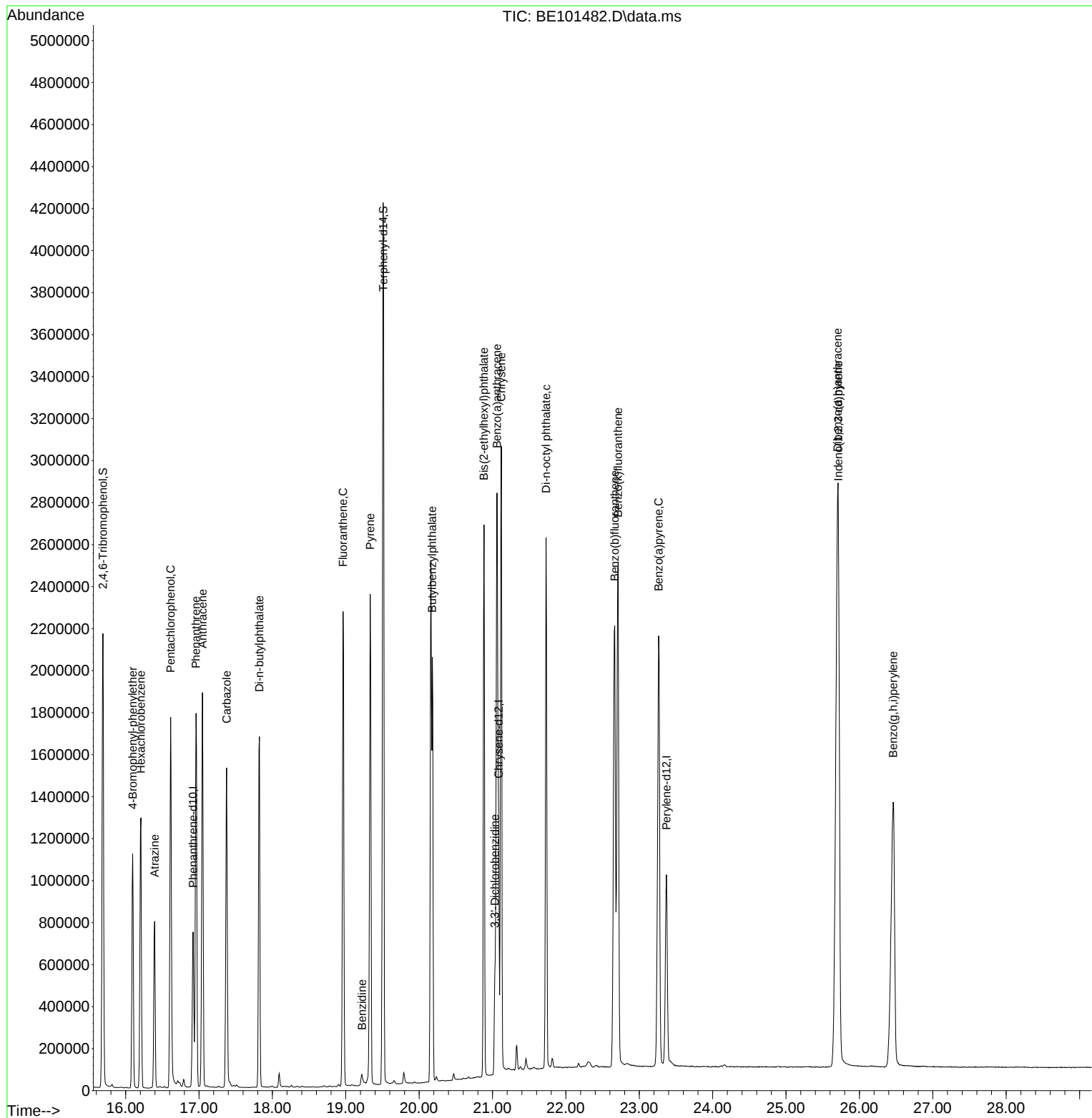
Response via : Initial Calibration

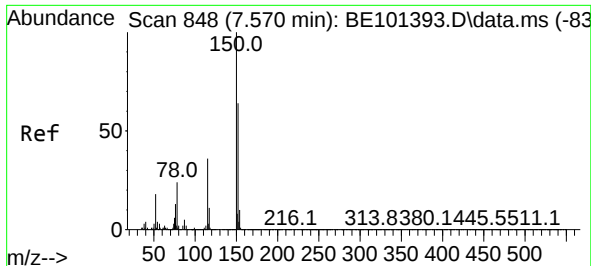


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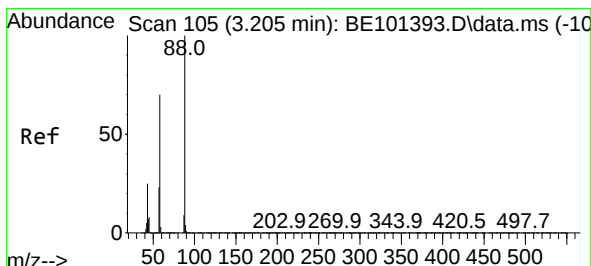
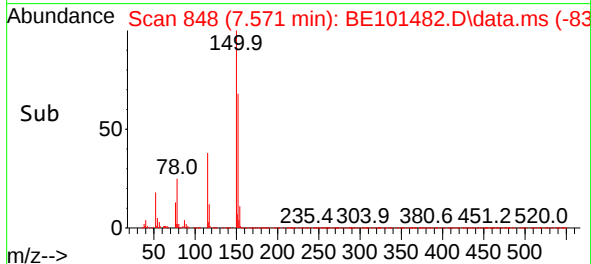
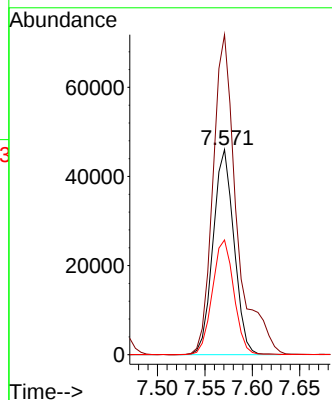
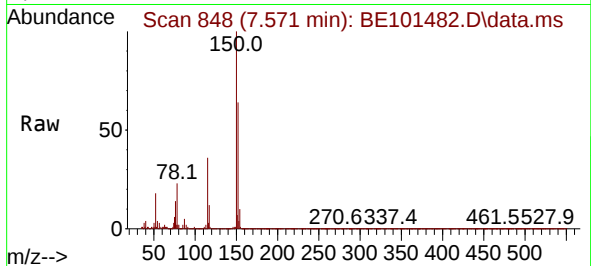




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.571 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BE101482.D
 Acq: 5 Nov 2024 16:52

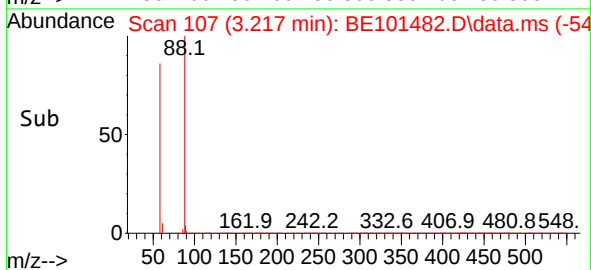
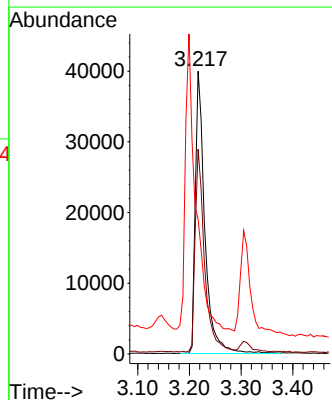
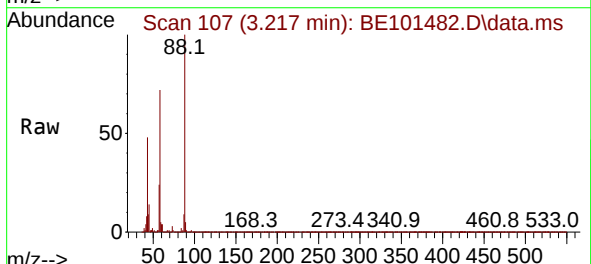
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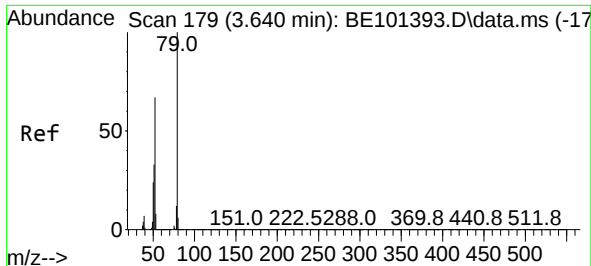
Tgt Ion:152 Resp: 70903
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.2 186.4
 115 55.9 45.3 67.9



#2
 1,4-Dioxane
 Concen: 33.962 ng
 RT: 3.217 min Scan# 107
 Delta R.T. 0.012 min
 Lab File: BE101482.D
 Acq: 5 Nov 2024 16:52

Tgt Ion: 88 Resp: 51243
 Ion Ratio Lower Upper
 88 100
 58 70.4 56.5 84.7
 43 115.4 19.8 29.8#

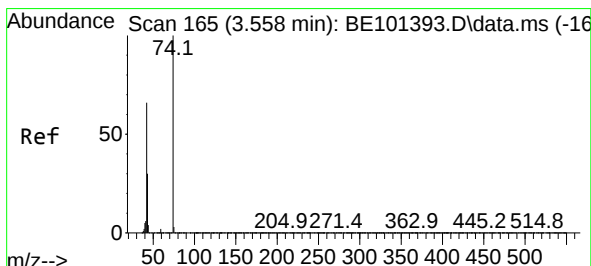
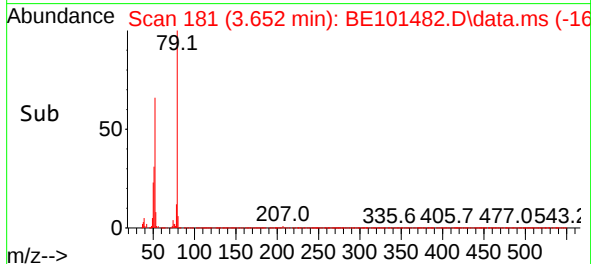
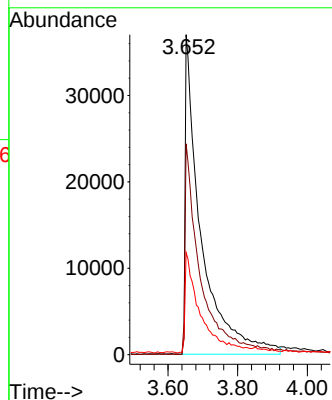
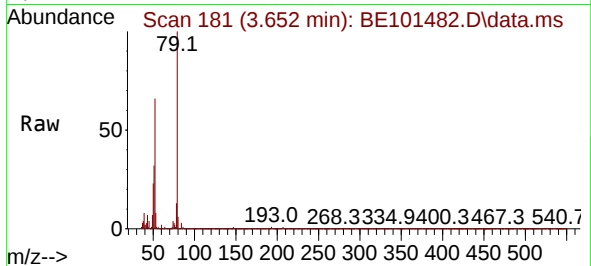




#3
Pyridine
Concen: 27.135 ng
RT: 3.652 min Scan# 181
Delta R.T. 0.012 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

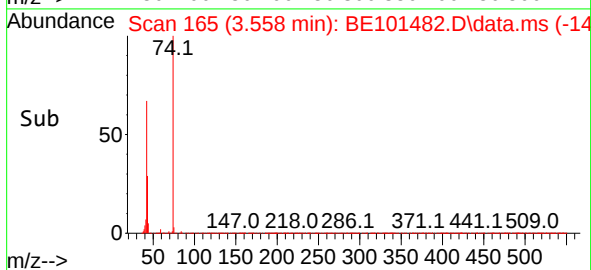
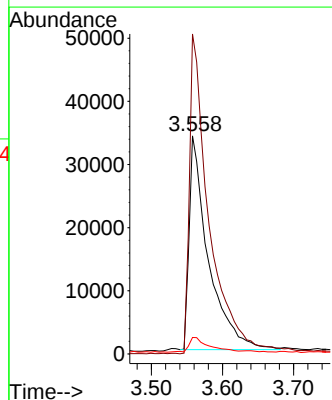
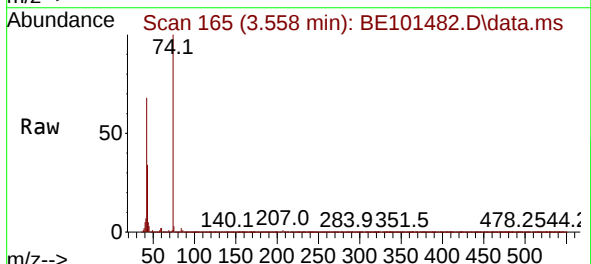
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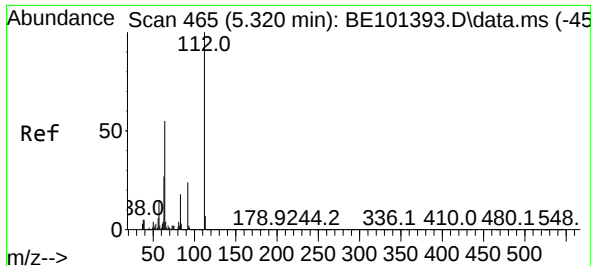
Tgt Ion: 79 Resp: 115833
Ion Ratio Lower Upper
79 100
52 65.9 53.3 79.9
51 31.9 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 38.337 ng
RT: 3.558 min Scan# 165
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion: 42 Resp: 63320
Ion Ratio Lower Upper
42 100
74 146.7 121.4 182.0
44 7.6 5.6 8.4

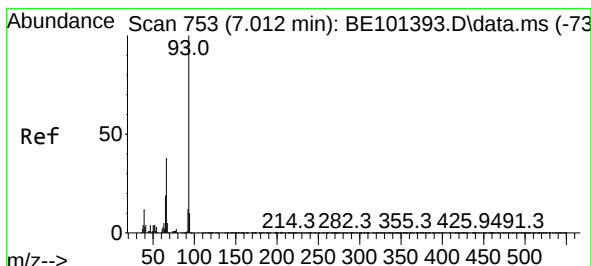
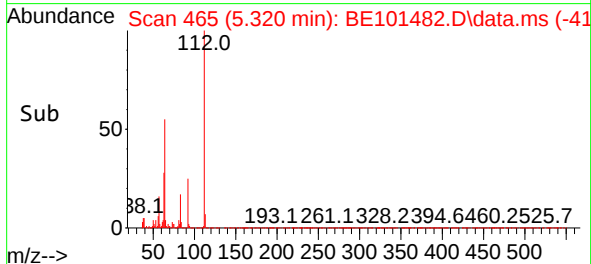
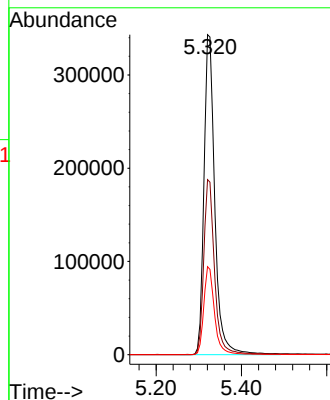
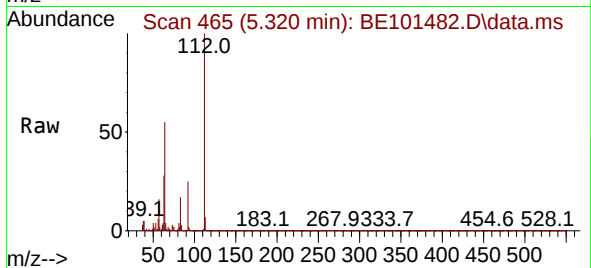




#5
2-Fluorophenol
Concen: 149.834 ng
RT: 5.320 min Scan# 465
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

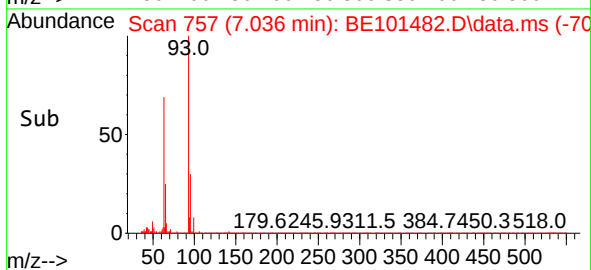
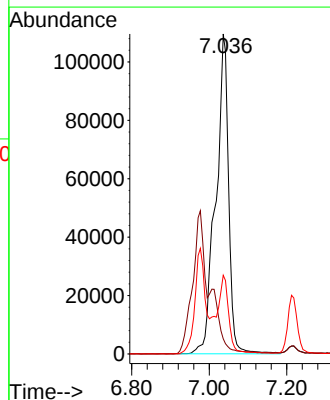
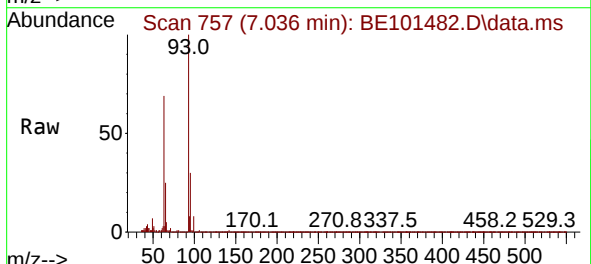
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ClientSampleId :

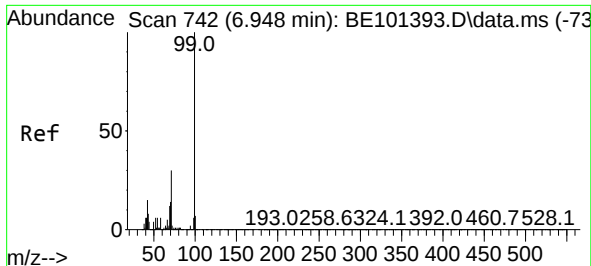
Tgt Ion:112 Resp: 606143
Ion Ratio Lower Upper
112 100
64 54.7 43.7 65.5
63 27.5 21.4 32.2



#6
Aniline
Concen: 58.726 ng
RT: 7.036 min Scan# 757
Delta R.T. 0.024 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion: 93 Resp: 252459
Ion Ratio Lower Upper
93 100
66 4.8 31.0 46.4#
65 24.6 15.5 23.3#

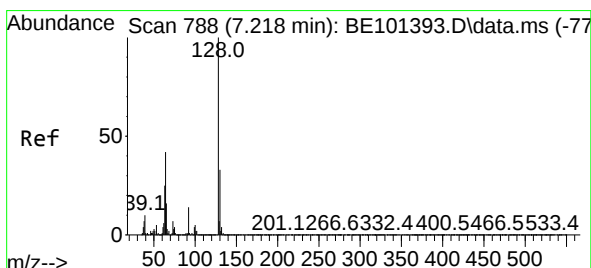
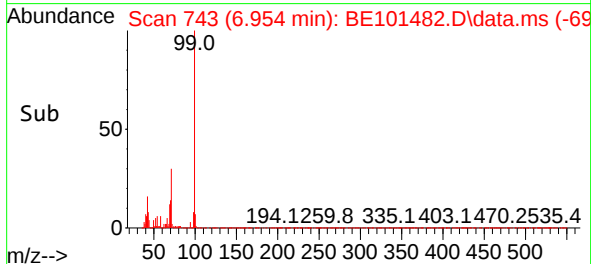
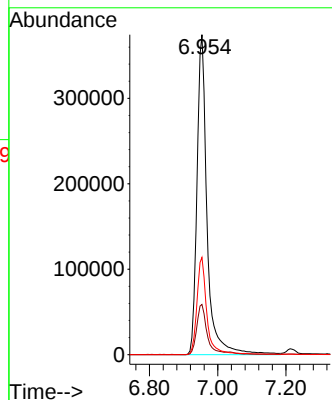
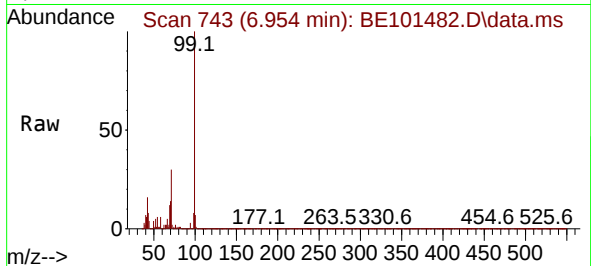




#7
Phenol-d6
Concen: 137.528 ng
RT: 6.954 min Scan# 742
Delta R.T. 0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

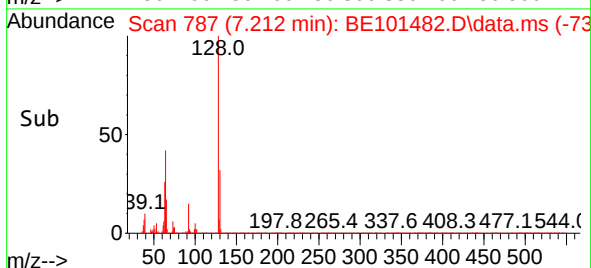
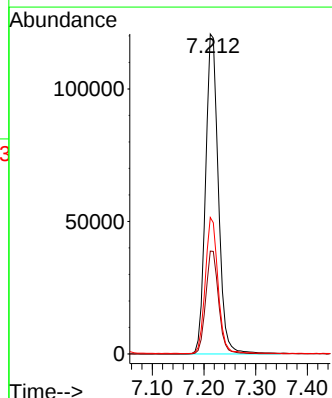
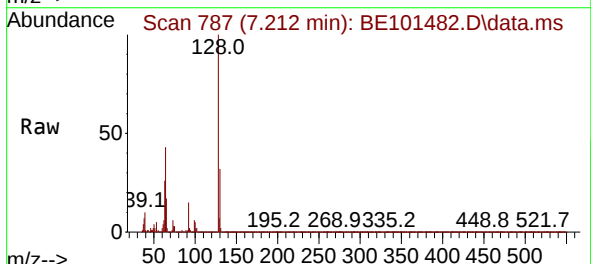
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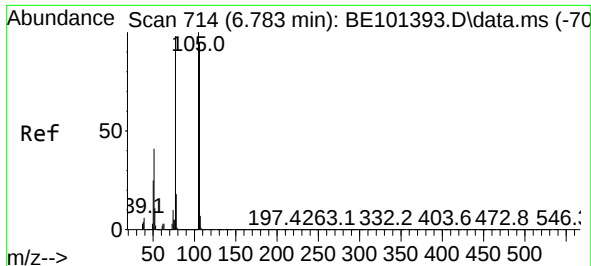
Tgt Ion: 99 Resp: 771449
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 30.4 23.8 35.8



#8
2-Chlorophenol
Concen: 42.883 ng
RT: 7.212 min Scan# 787
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:128 Resp: 208071
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 42.7 22.3 62.3





#9

Benzaldehyde

Concen: 5.988 ng

RT: 6.783 min Scan# 714

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

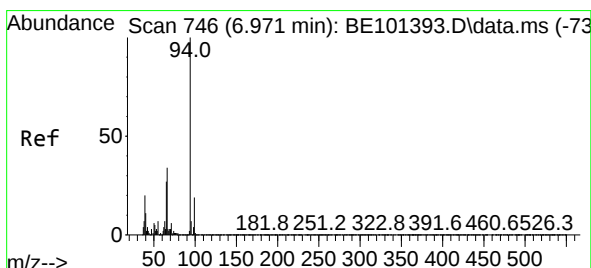
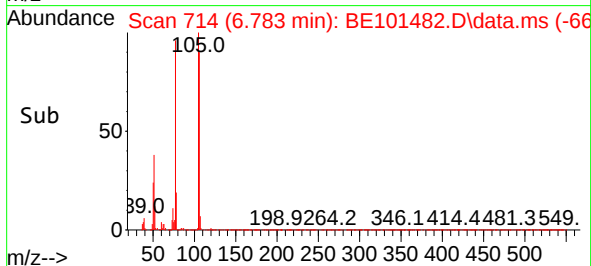
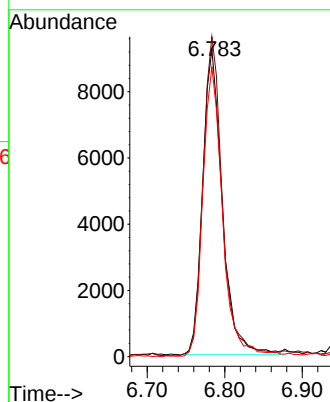
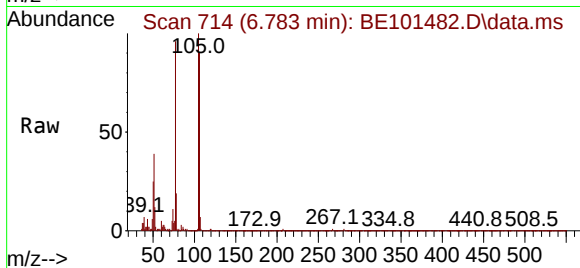
Tgt Ion: 77 Resp: 16216

Ion Ratio Lower Upper

77 100

105 104.2 81.9 121.9

106 94.3 76.5 116.5



#10

Phenol

Concen: 44.032 ng

RT: 6.977 min Scan# 747

Delta R.T. 0.006 min

Lab File: BE101482.D

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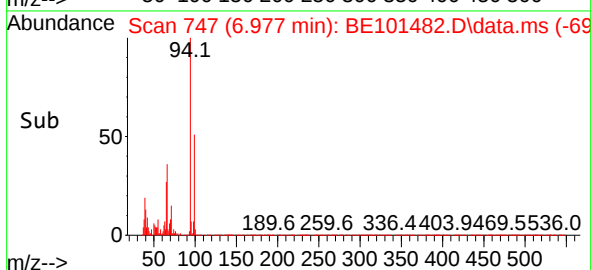
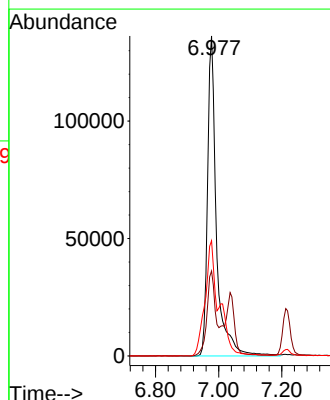
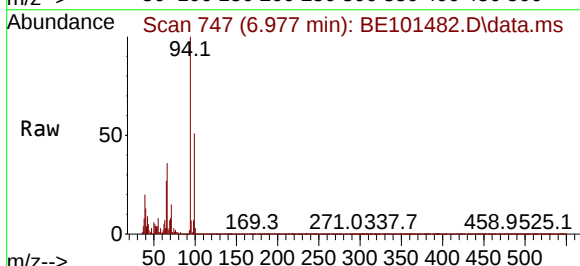
Tgt Ion: 94 Resp: 267994

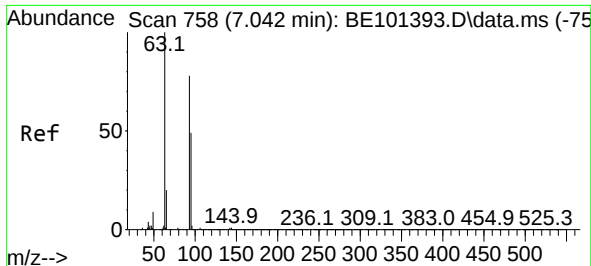
Ion Ratio Lower Upper

94 100

65 26.6 6.8 46.8

66 36.0 14.0 54.0



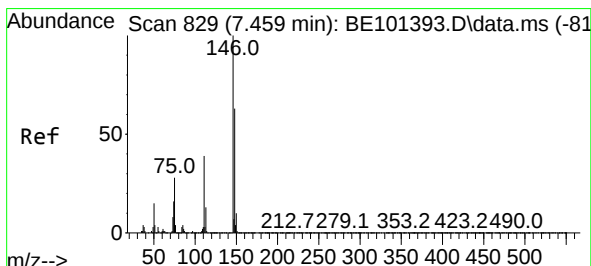
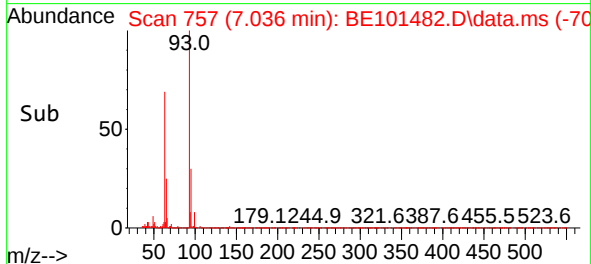
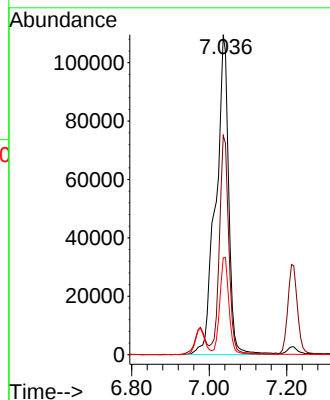
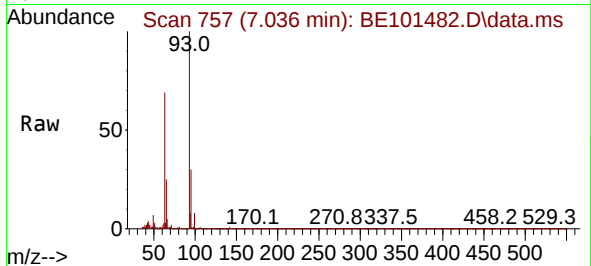


#11
bis(2-Chloroethyl)ether
Concen: 50.564 ng
RT: 7.036 min Scan# 701
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 252459

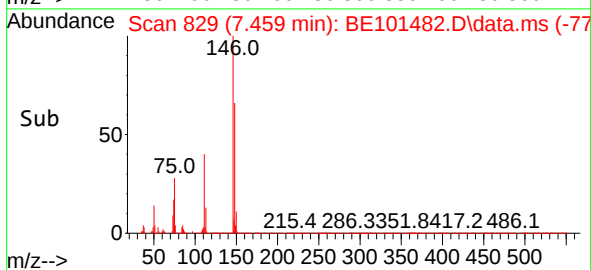
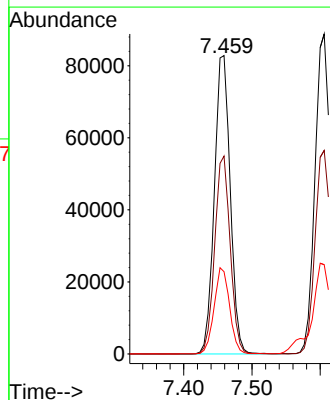
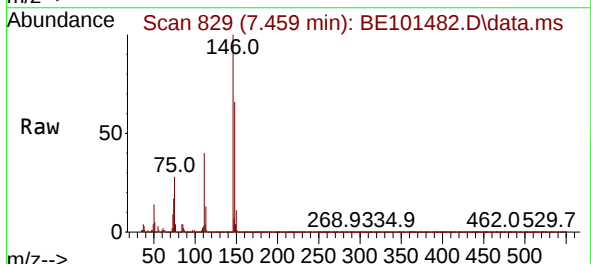
Ion	Ratio	Lower	Upper
93	100		
63	68.5	46.3	86.3
95	30.2	9.6	49.6

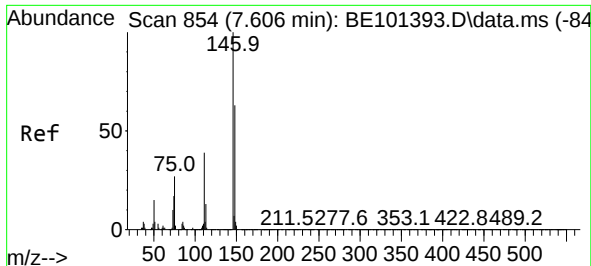


#12
1,3-Dichlorobenzene
Concen: 25.667 ng
RT: 7.459 min Scan# 829
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:146 Resp: 134287

Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.5	75.7
75	27.6	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 26.377 ng

RT: 7.606 min Scan# 81

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

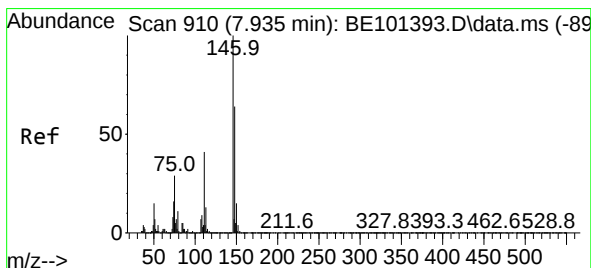
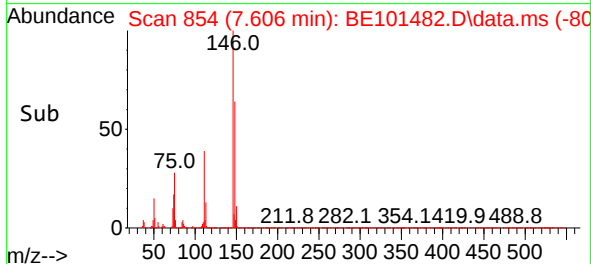
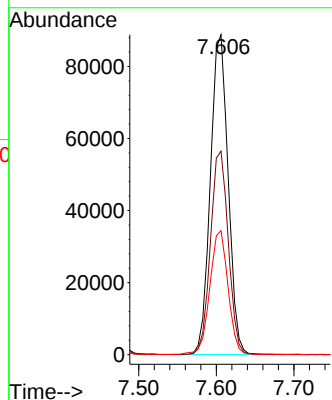
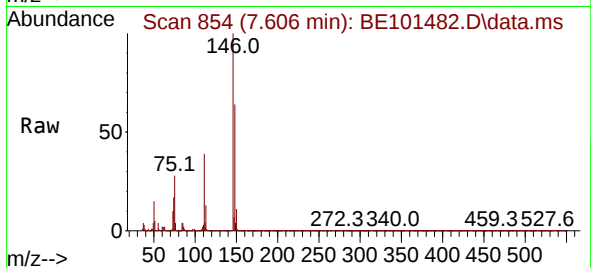
Tgt Ion:146 Resp: 140925

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 38.7 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 27.463 ng

RT: 7.929 min Scan# 909

Delta R.T. -0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

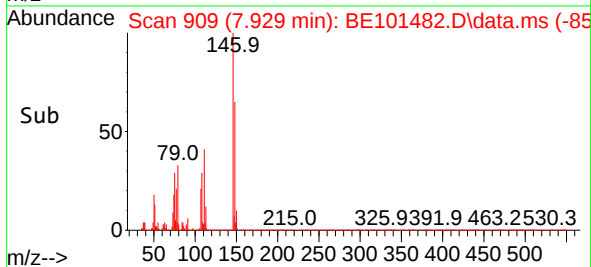
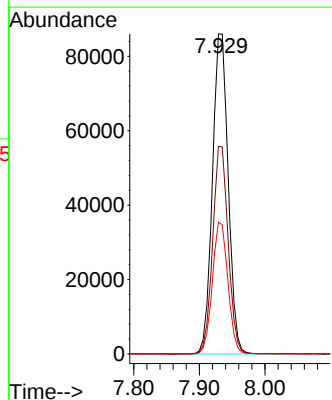
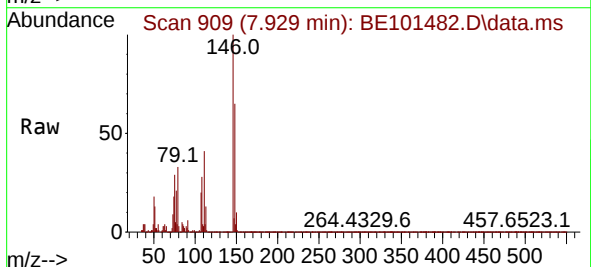
Tgt Ion:146 Resp: 143628

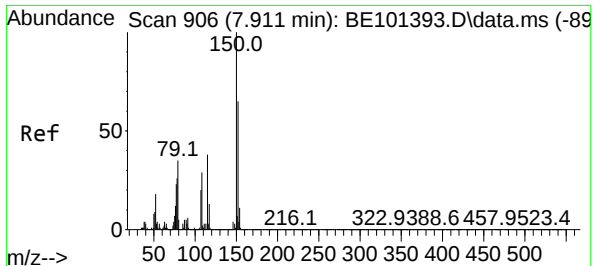
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

111 41.2 32.8 49.2

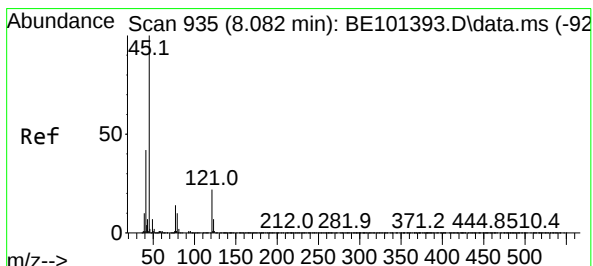
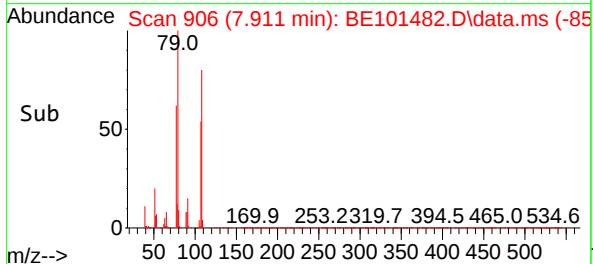
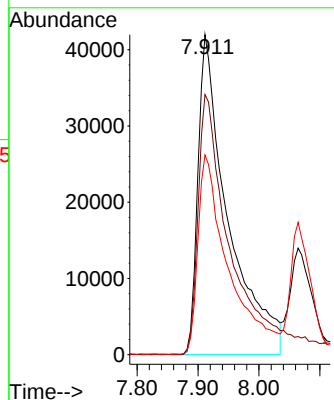
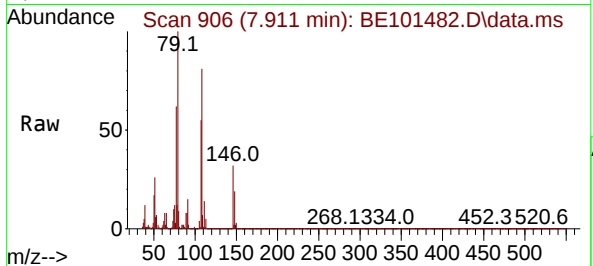




#15
Benzyl Alcohol
Concen: 42.697 ng
RT: 7.911 min Scan# 906
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

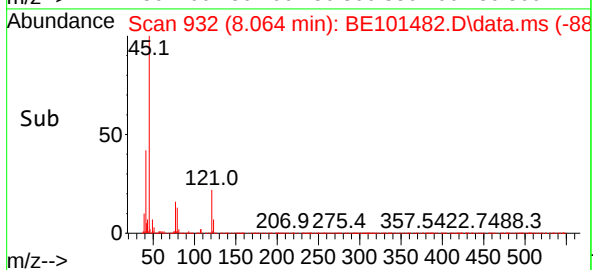
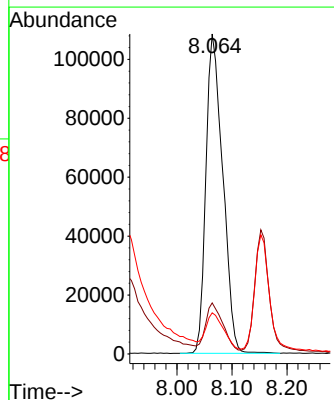
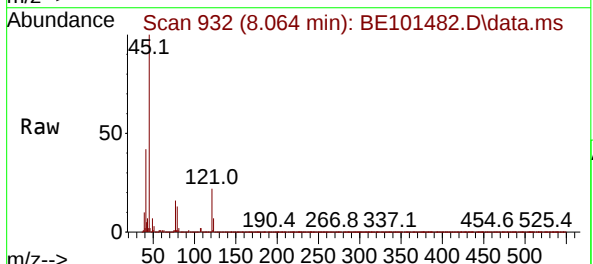
Instrument :
BNA_E
ClientSampleId :

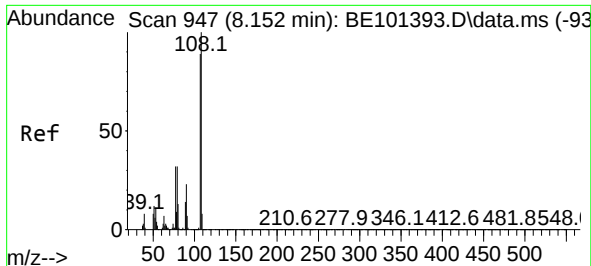
Tgt Ion: 79 Resp: 142763
Ion Ratio Lower Upper
79 100
108 81.3 66.1 99.1
77 62.4 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.651 ng
RT: 8.064 min Scan# 932
Delta R.T. -0.018 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion: 45 Resp: 230289
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.5
79 12.9 0.0 31.8

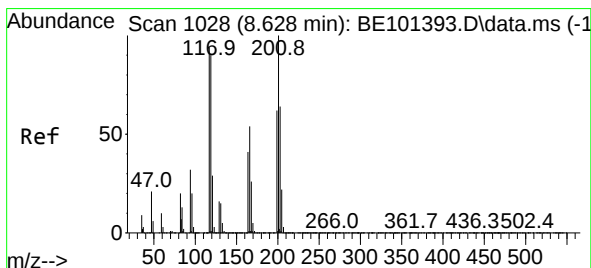
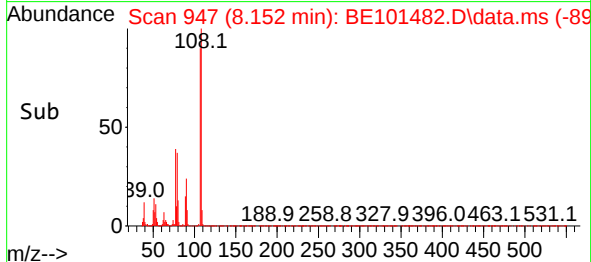
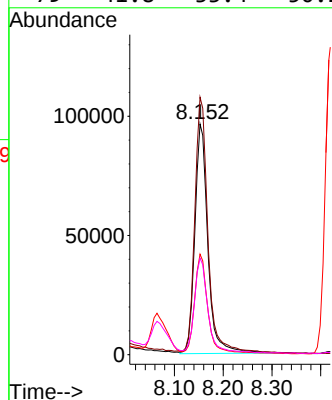
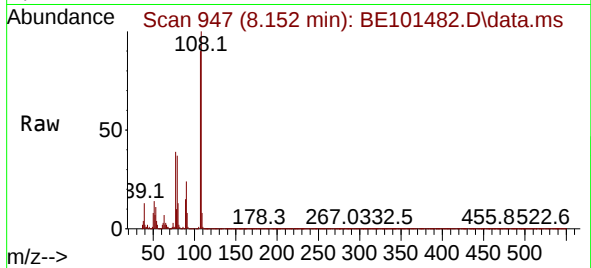




#17
2-Methylphenol
Concen: 43.729 ng
RT: 8.152 min Scan# 947
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

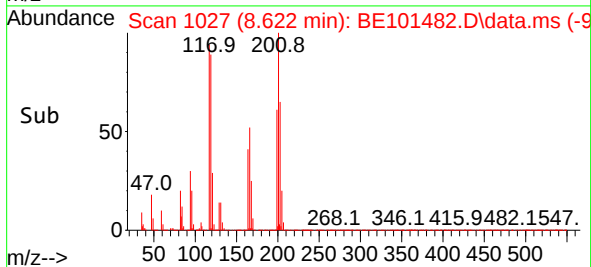
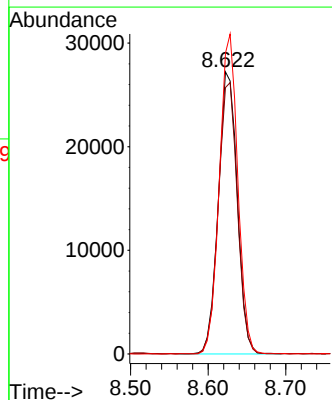
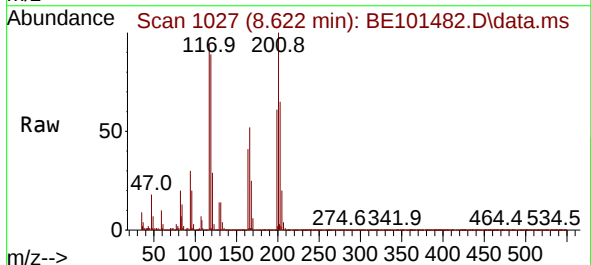
Instrument :
BNA_E
ClientSampleId :

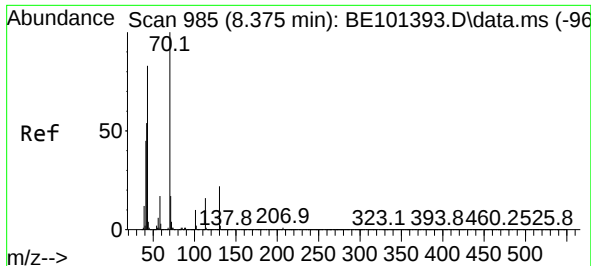
Tgt	Ion:107	Resp:	180133
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.0	135.0
77	43.5	34.2	51.4
79	41.8	33.4	50.2



#18
Hexachloroethane
Concen: 26.534 ng
RT: 8.622 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

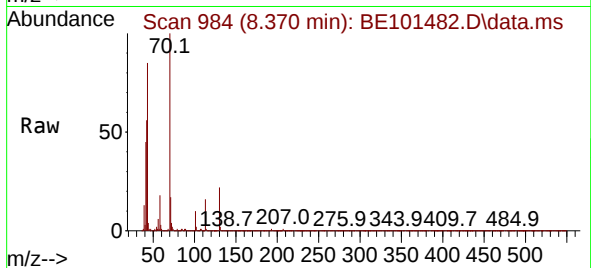
Tgt Ion:117	Resp:	46296	
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.0	115.4
201	106.7	85.3	127.9





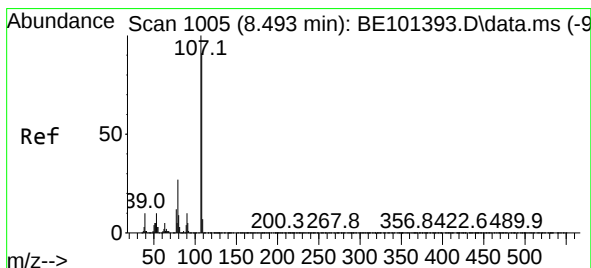
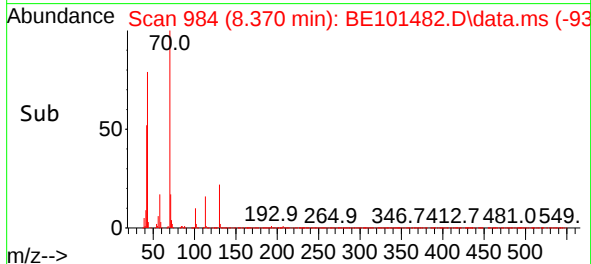
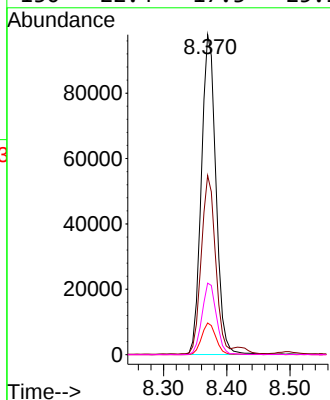
#19
n-Nitroso-di-n-propylamine
Concen: 42.019 ng
RT: 8.370 min Scan# 984
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Instrument :
BNA_E
ClientSampleId :



Tgt Ion: 70 Resp: 156410

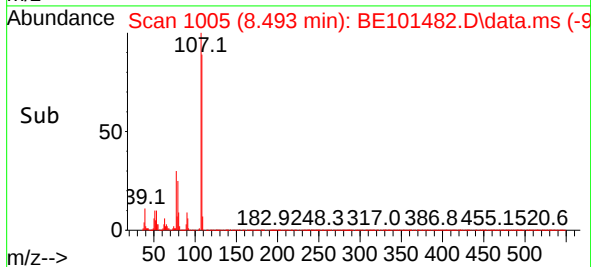
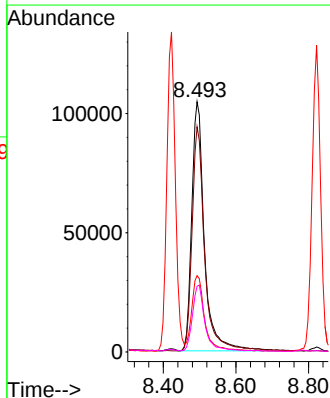
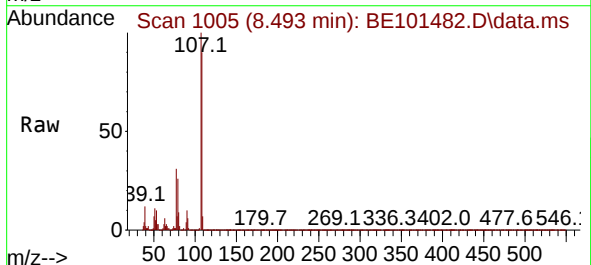
Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.4	65.0
101	9.9	8.1	12.1
130	22.4	17.3	25.9

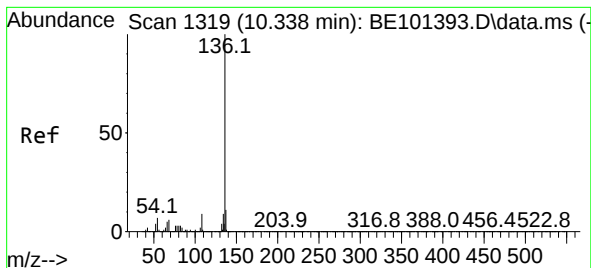


#20
3+4-Methylphenols
Concen: 44.623 ng
RT: 8.493 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion: 107 Resp: 253732

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.6	110.6
77	30.5	11.3	51.3
79	26.3	7.3	47.3

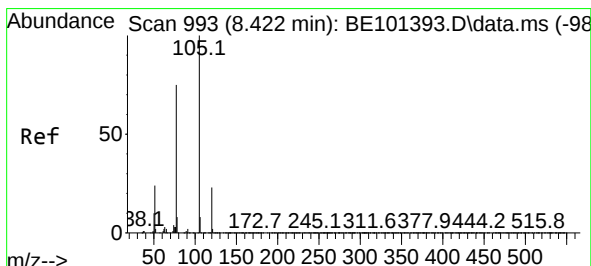
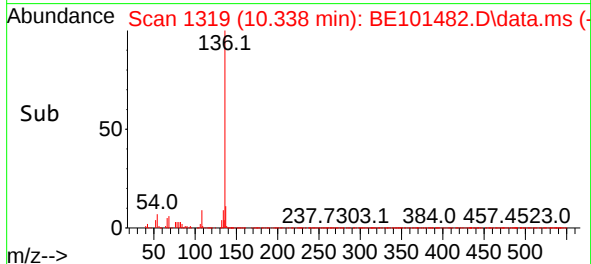
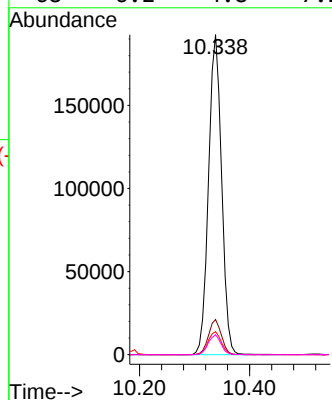
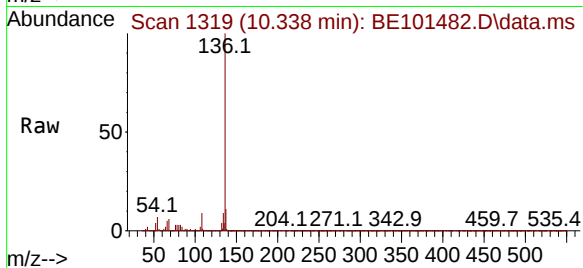




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

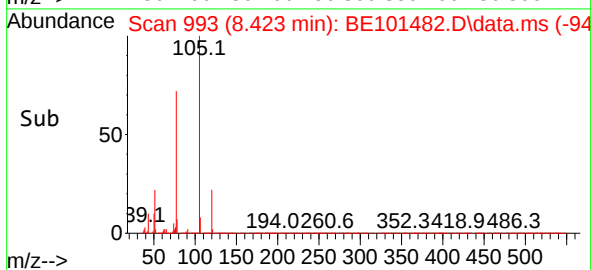
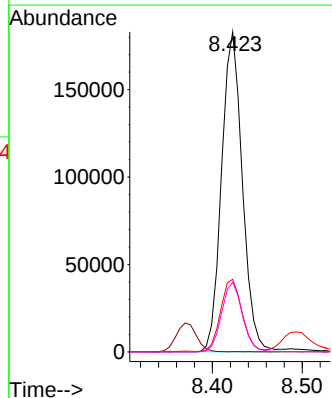
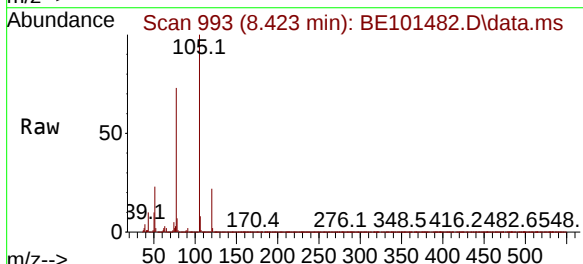
Instrument :
BNA_E
ClientSampleId :

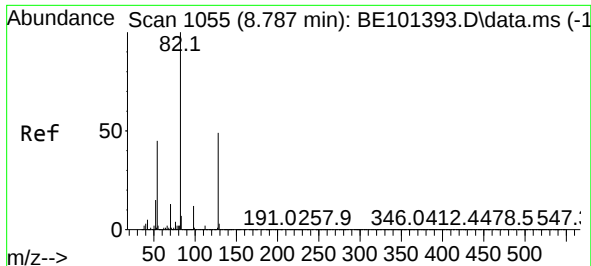
Tgt Ion:	136	Resp:	316494
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.2	5.9	8.9
68	6.2	4.8	7.2



#22
Acetophenone
Concen: 40.939 ng
RT: 8.423 min Scan# 993
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:	105	Resp:	294199
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.1	0.1
51	22.7	19.4	29.0
120	21.8	18.4	27.6

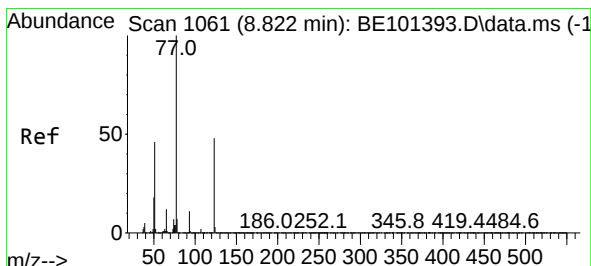
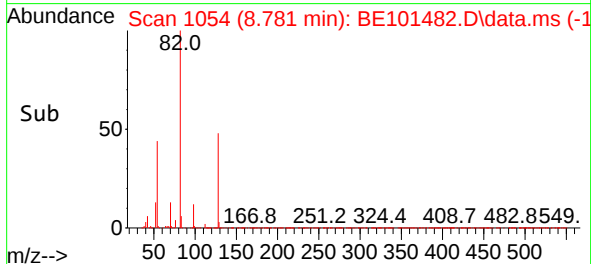
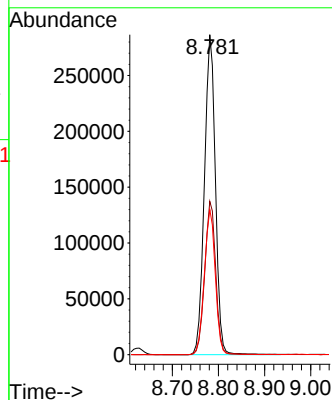
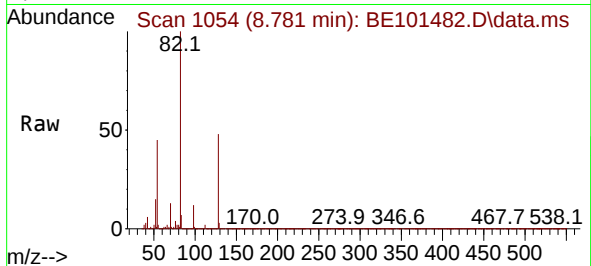




#23
Nitrobenzene-d5
Concen: 94.805 ng
RT: 8.781 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

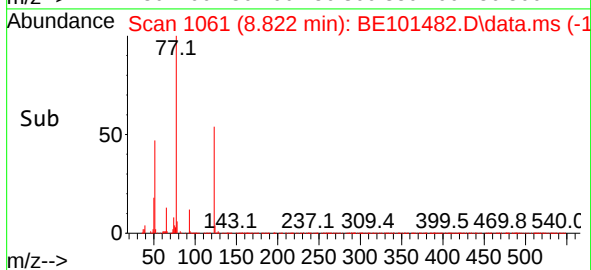
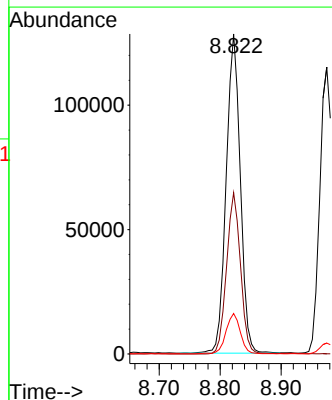
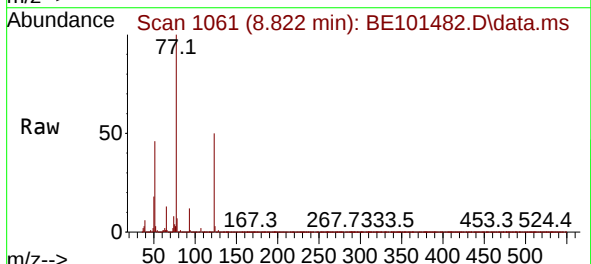
Instrument :
BNA_E
ClientSampleId :

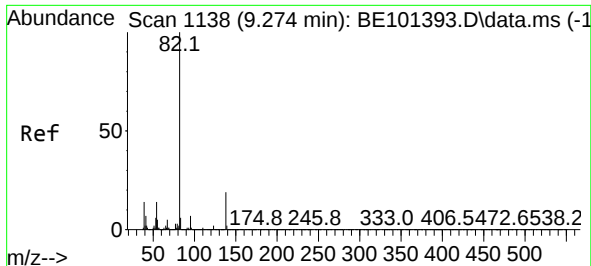
Tgt Ion: 82 Resp: 477718
Ion Ratio Lower Upper
82 100
128 47.9 38.9 58.3
54 45.4 36.2 54.4



#24
Nitrobenzene
Concen: 38.559 ng
RT: 8.822 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion: 77 Resp: 206802
Ion Ratio Lower Upper
77 100
123 50.4 38.7 58.1
65 12.7 10.0 15.0

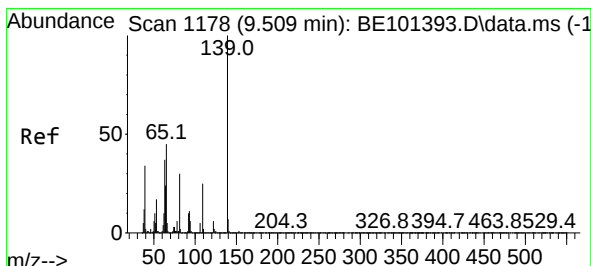
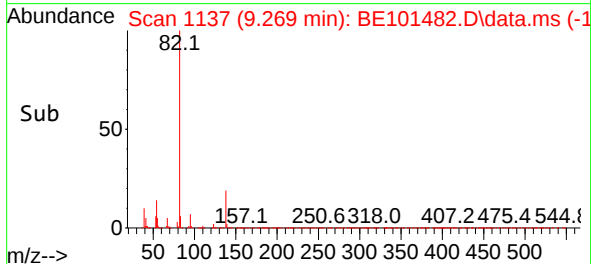
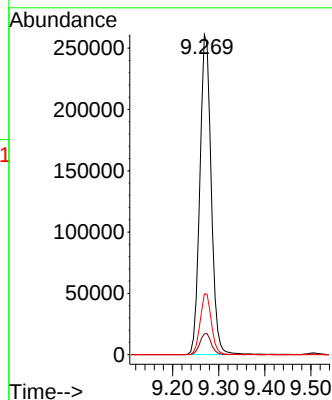
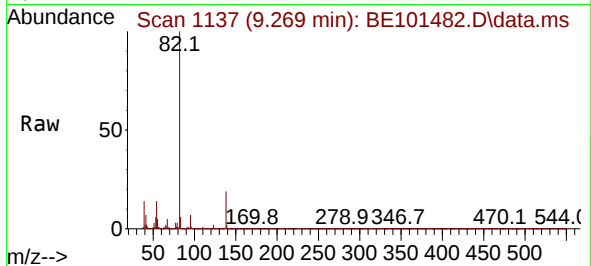




#25
Isophorone
Concen: 45.406 ng
RT: 9.269 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

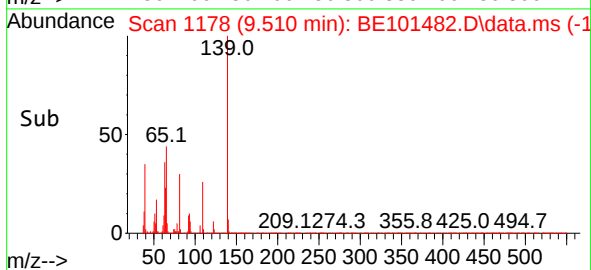
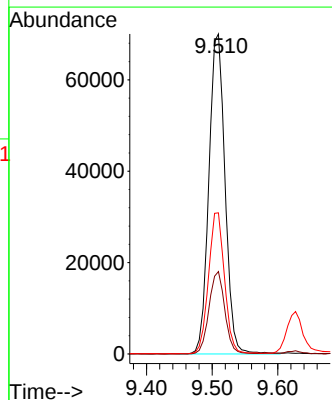
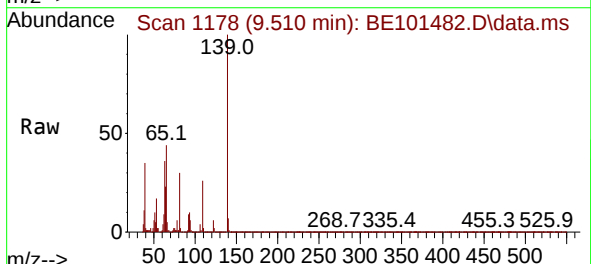
Instrument :
BNA_E
ClientSampleId :

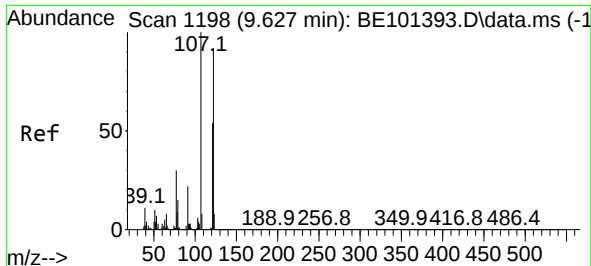
Tgt Ion: 82 Resp: 446476
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 19.0 15.0 22.4



#26
2-Nitrophenol
Concen: 46.233 ng
RT: 9.510 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

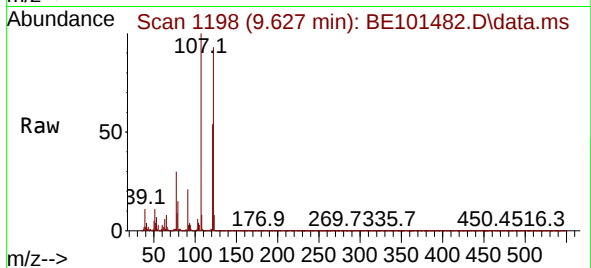
Tgt Ion:139 Resp: 119844
Ion Ratio Lower Upper
139 100
109 25.7 20.1 30.1
65 44.1 36.0 54.0



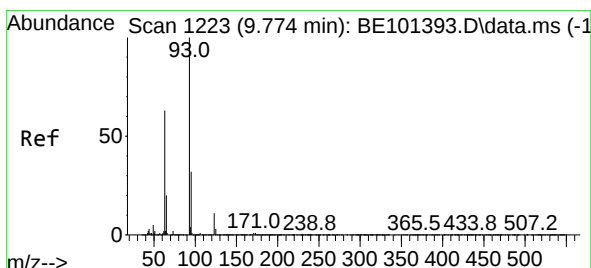
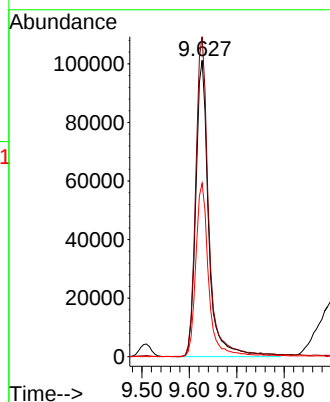
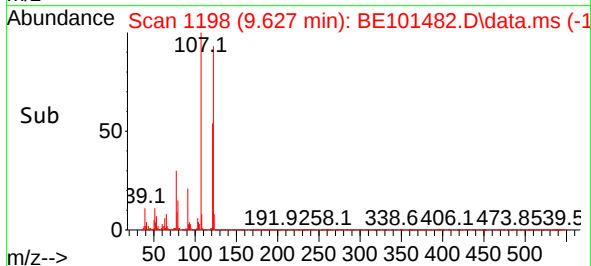


#27
2,4-Dimethylphenol
Concen: 58.545 ng
RT: 9.627 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Instrument :
BNA_E
ClientSampleId :

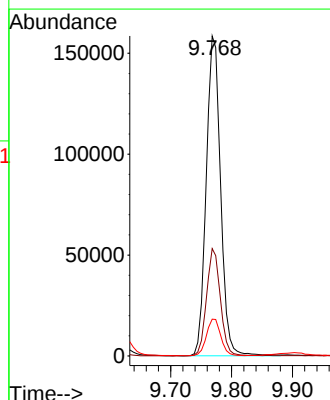
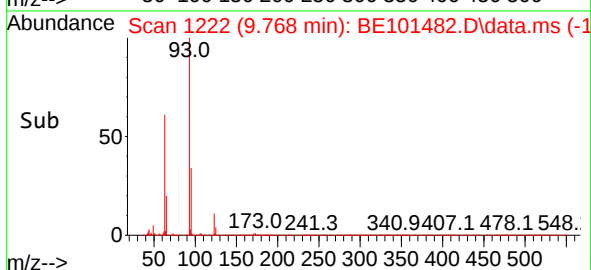
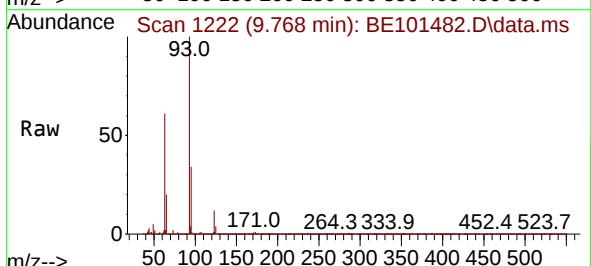


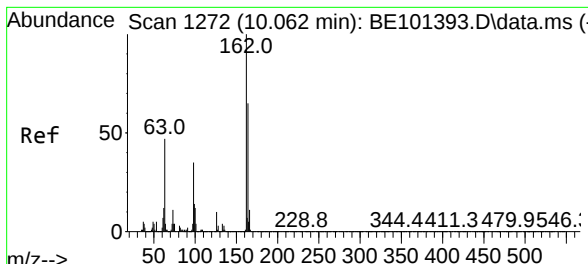
Tgt Ion:122 Resp: 190965
Ion Ratio Lower Upper
122 100
107 108.0 87.4 131.0
121 58.5 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.591 ng
RT: 9.768 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion: 93 Resp: 259939
Ion Ratio Lower Upper
93 100
95 33.6 25.8 38.6
123 11.5 8.6 13.0



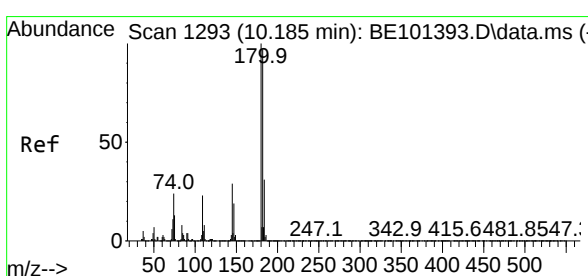
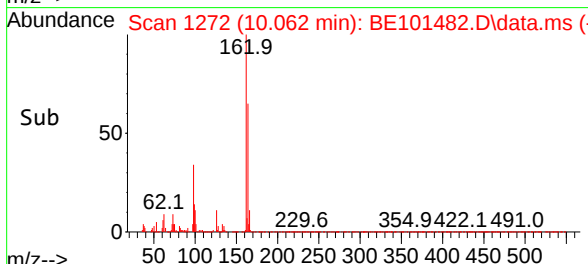
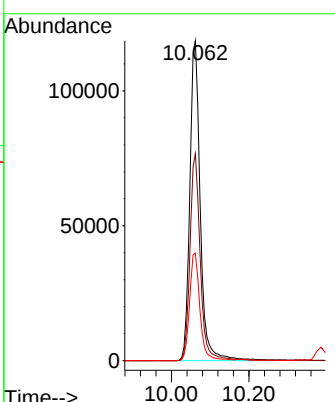
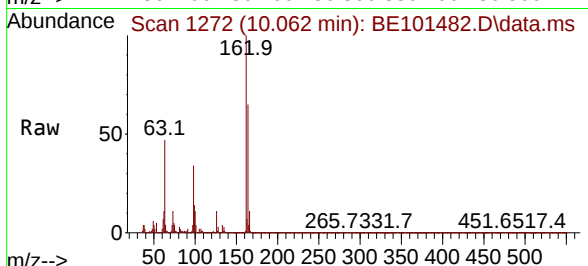


#29
 2,4-Dichlorophenol
 Concen: 49.216 ng
 RT: 10.062 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: BE101482.D
 Acq: 5 Nov 2024 16:52

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:162 Resp: 222094

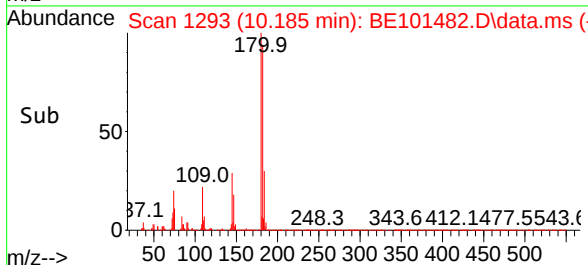
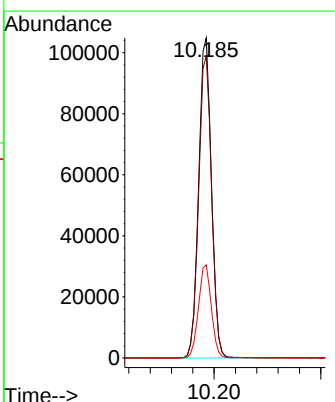
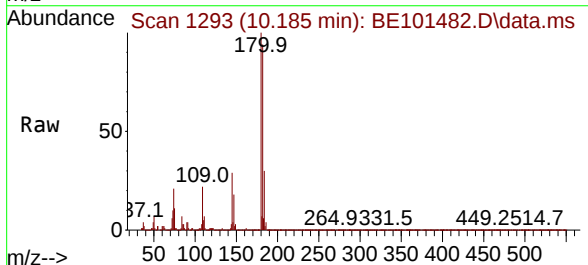
Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.4	85.4
98	33.6	14.5	54.5

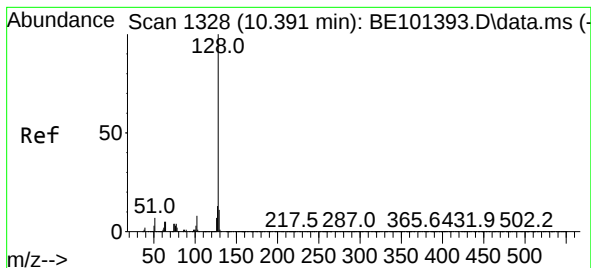


#30
 1,2,4-Trichlorobenzene
 Concen: 35.415 ng
 RT: 10.185 min Scan# 1293
 Delta R.T. 0.000 min
 Lab File: BE101482.D
 Acq: 5 Nov 2024 16:52

Tgt Ion:180 Resp: 174095

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.4	116.0
145	29.1	23.3	34.9





#31

Naphthalene

Concen: 37.474 ng

RT: 10.385 min Scan# 11

Delta R.T. -0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

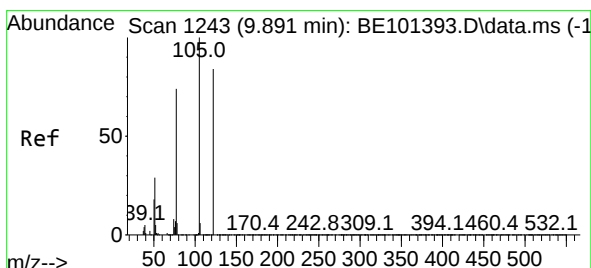
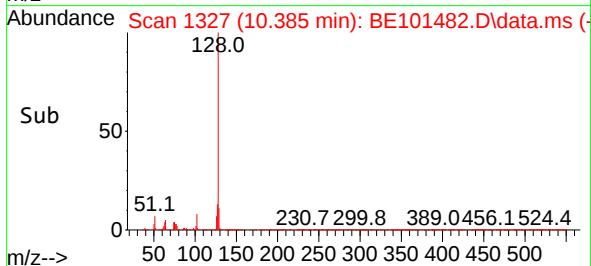
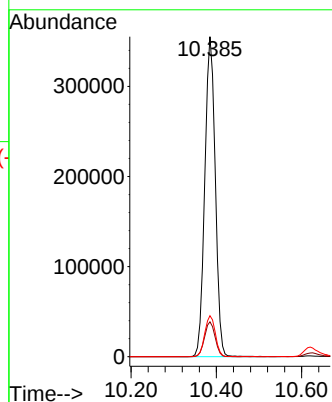
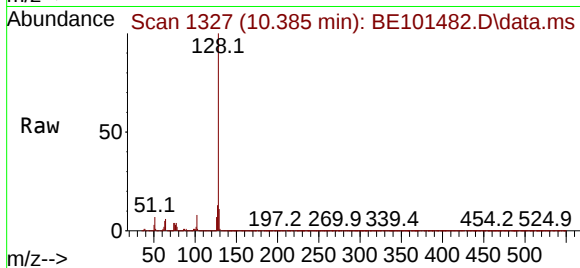
Tgt Ion:128 Resp: 604398

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.8 10.3 15.5



#32

Benzoic acid

Concen: 28.568 ng

RT: 9.909 min Scan# 1246

Delta R.T. 0.018 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

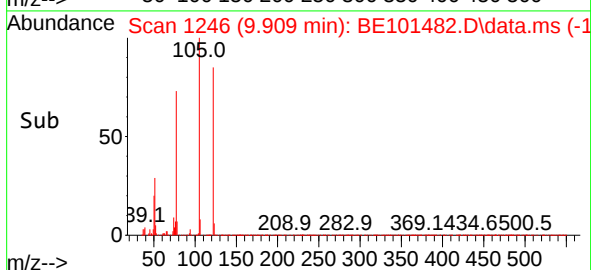
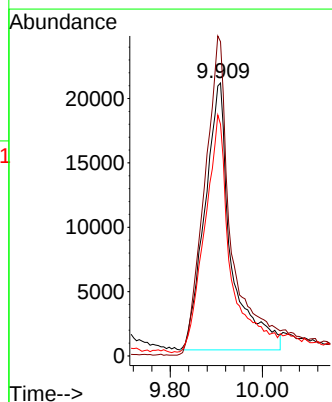
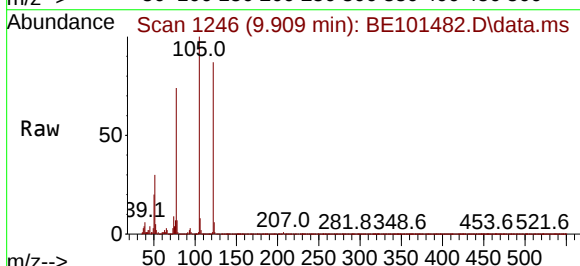
Tgt Ion:122 Resp: 82396

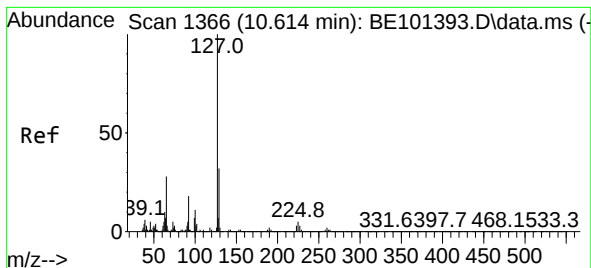
Ion Ratio Lower Upper

122 100

105 115.1 97.9 137.9

77 84.9 68.1 108.1





#33

4-Chloroaniline

Concen: 4.902 ng

RT: 10.620 min Scan# 1367

Delta R.T. 0.006 min

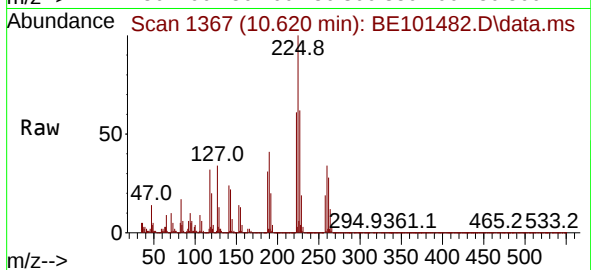
Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :



Tgt Ion:127 Resp: 27490

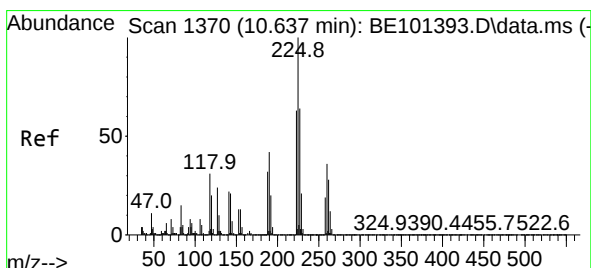
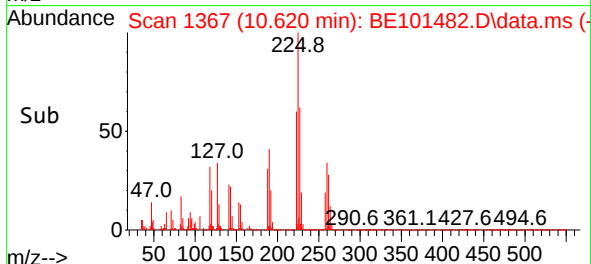
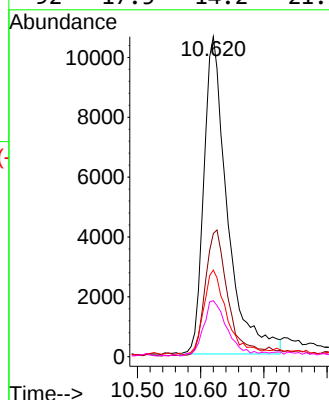
Ion Ratio Lower Upper

127 100

129 38.5 25.7 38.5

65 27.1 22.2 33.4

92 17.5 14.2 21.2



#34

Hexachlorobutadiene

Concen: 33.964 ng

RT: 10.632 min Scan# 1369

Delta R.T. -0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

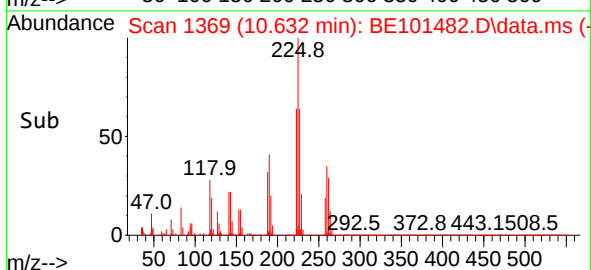
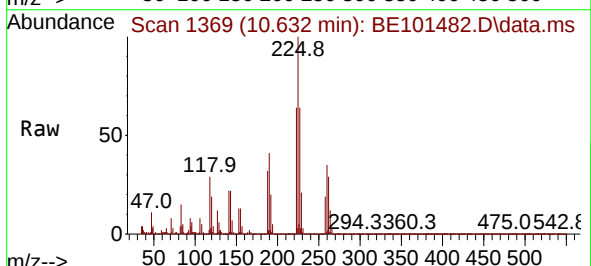
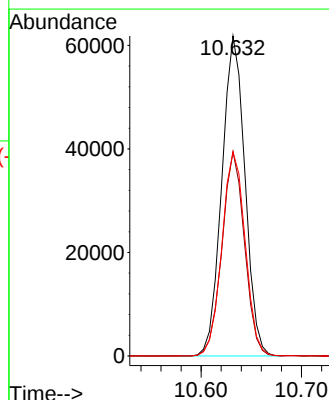
Tgt Ion:225 Resp: 98828

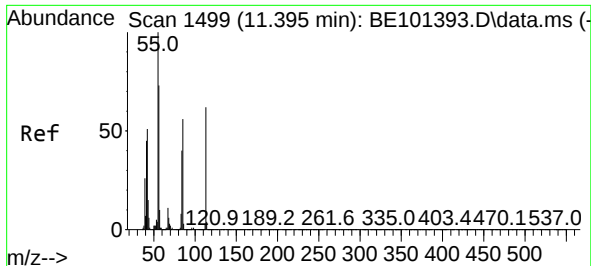
Ion Ratio Lower Upper

225 100

223 63.8 50.5 75.7

227 63.8 51.0 76.6

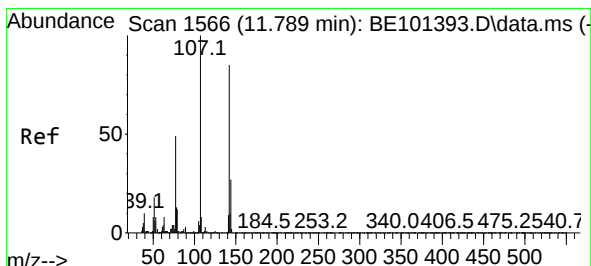
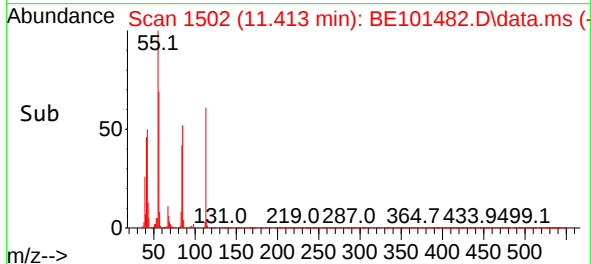
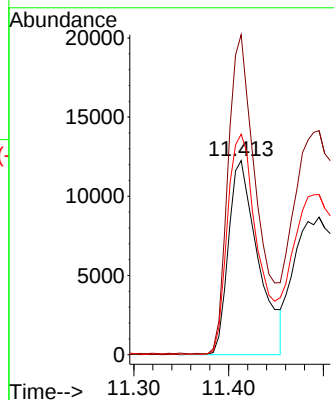
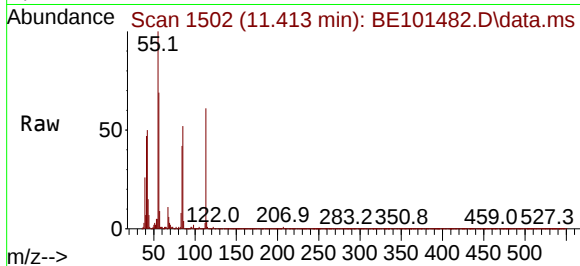




#35
Caprolactam
Concen: 15.386 ng
RT: 11.413 min Scan# 113
Delta R.T. 0.018 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

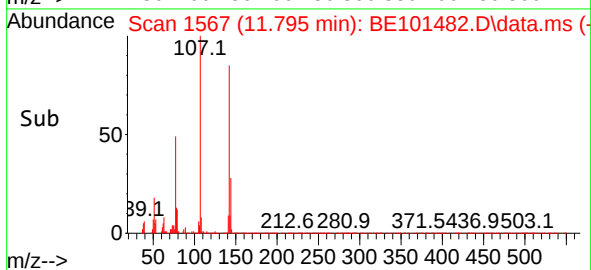
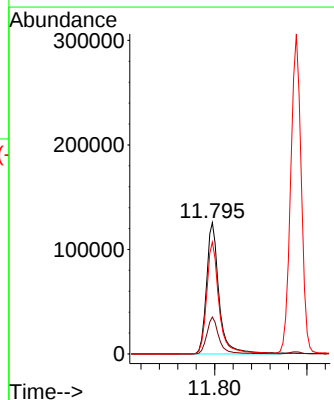
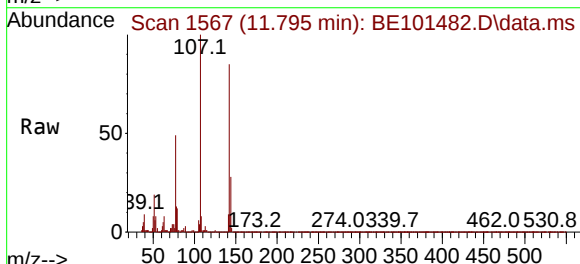
Instrument :
BNA_E
ClientSampleId :

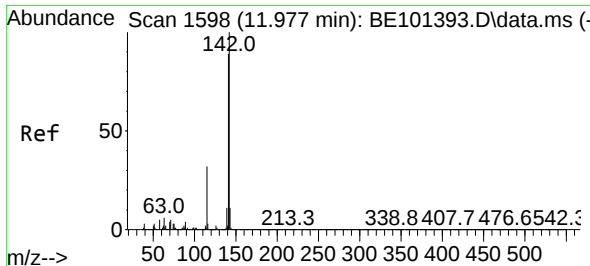
Tgt Ion:113 Resp: 26615
Ion Ratio Lower Upper
113 100
55 164.9 141.2 181.2
56 113.6 96.9 136.9



#36
4-Chloro-3-methylphenol
Concen: 46.150 ng
RT: 11.795 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:107 Resp: 237119
Ion Ratio Lower Upper
107 100
144 28.2 21.9 32.9
142 85.1 68.0 102.0

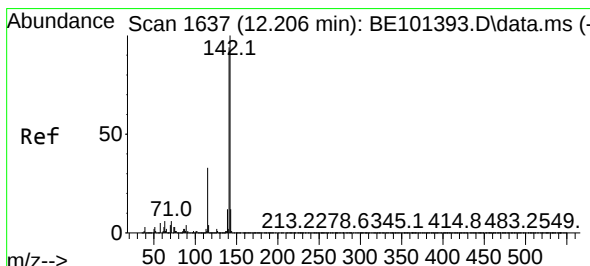
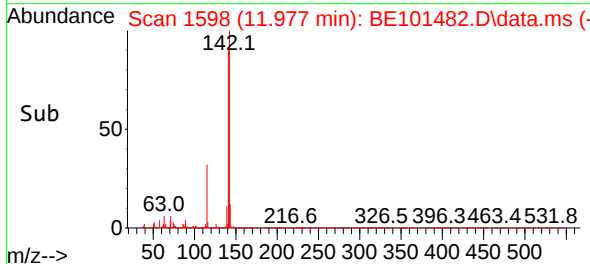
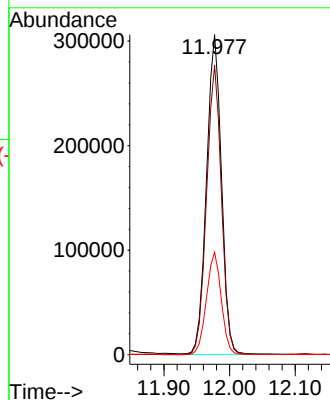
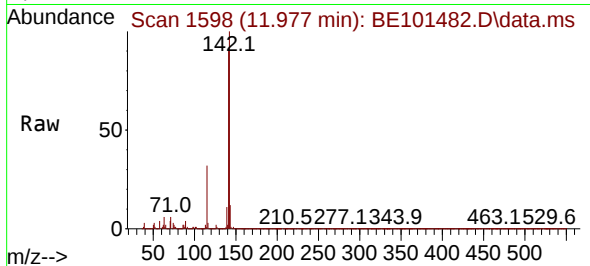




#37
2-Methylnaphthalene
Concen: 41.807 ng
RT: 11.977 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

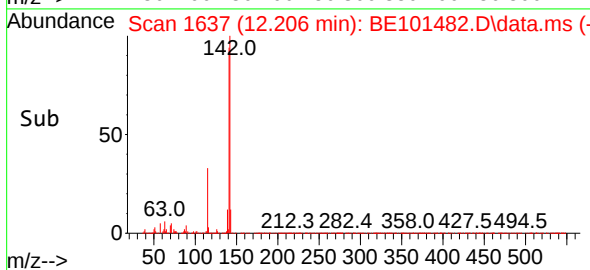
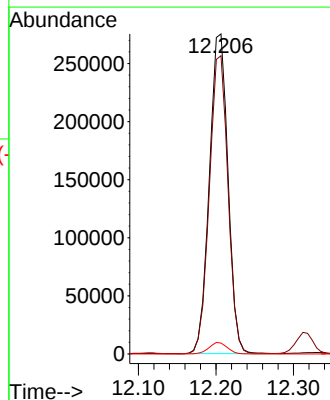
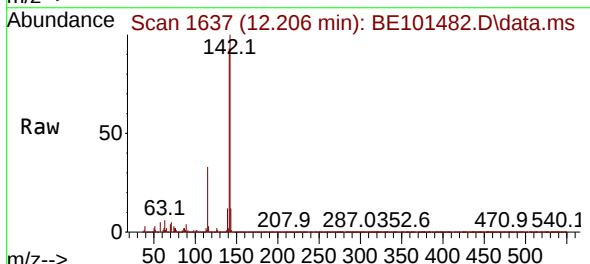
Instrument :
BNA_E
ClientSampleId :

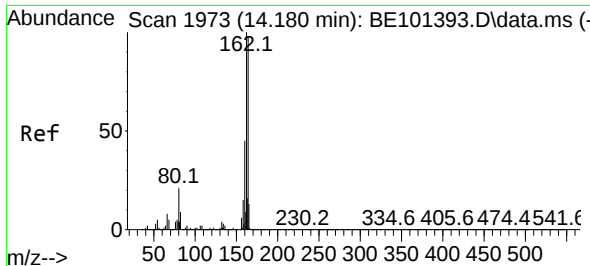
Tgt Ion:142 Resp: 485780
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.2
115 32.0 25.6 38.4



#38
1-Methylnaphthalene
Concen: 39.520 ng
RT: 12.206 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

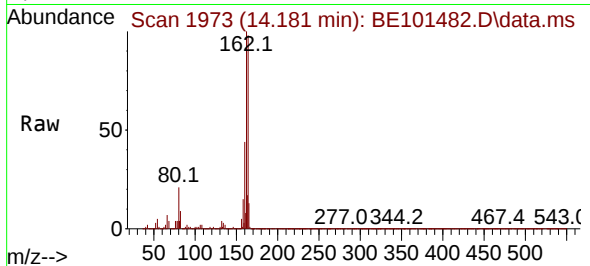
Tgt Ion:142 Resp: 458311
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4
116 3.4 2.9 4.3



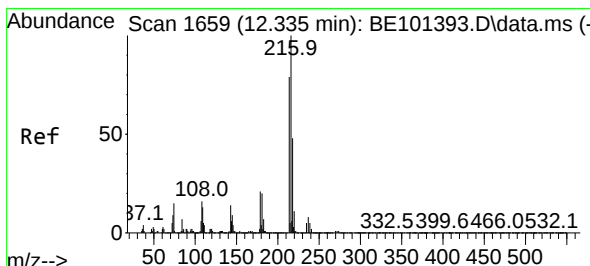
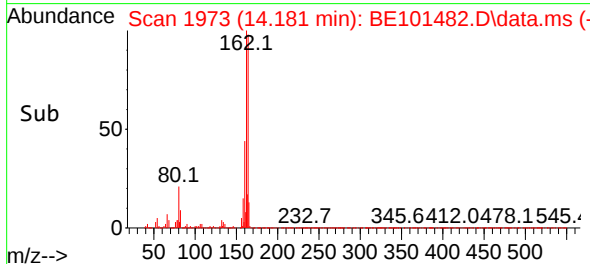
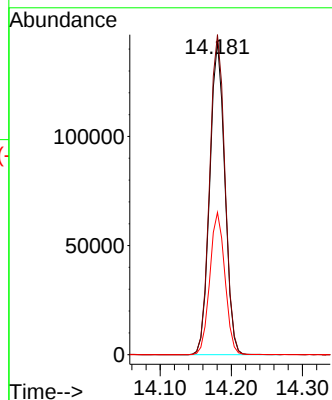


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.181 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Instrument :
BNA_E
ClientSampleId :

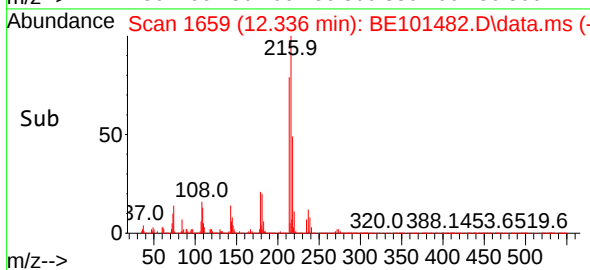
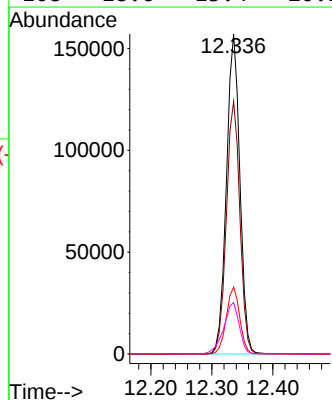
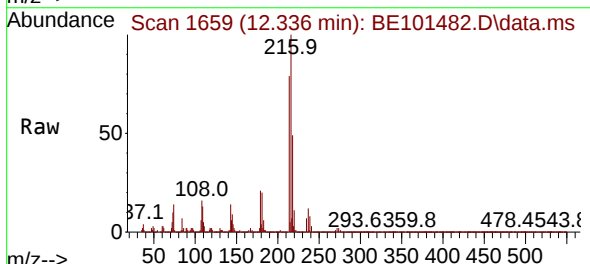


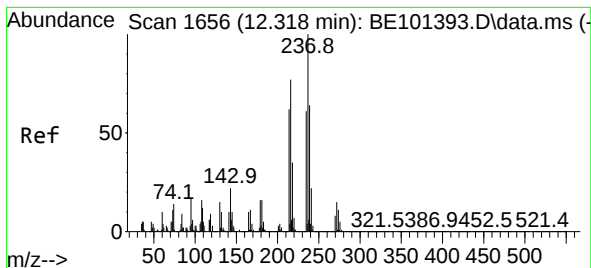
Tgt Ion:164 Resp: 211098
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.5 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.253 ng
RT: 12.336 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:216 Resp: 239808
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.4
179 20.9 16.7 25.1
108 18.6 13.4 20.2

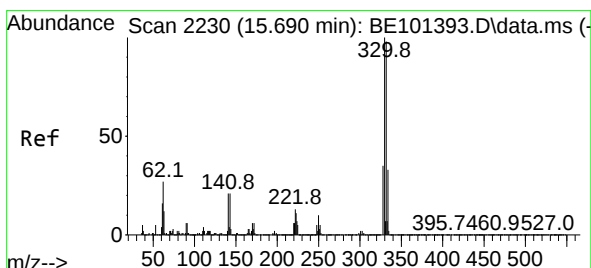
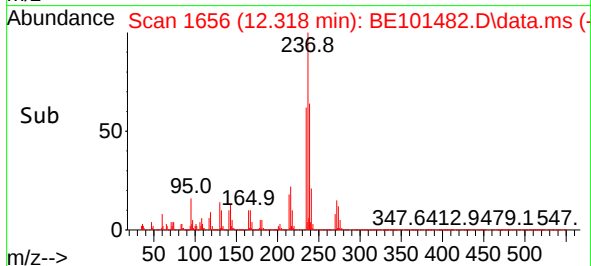
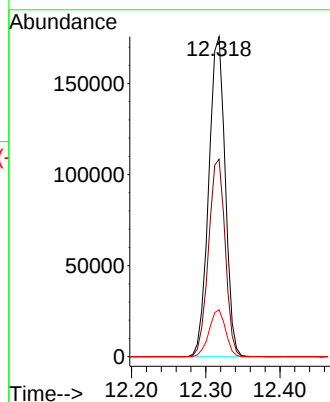
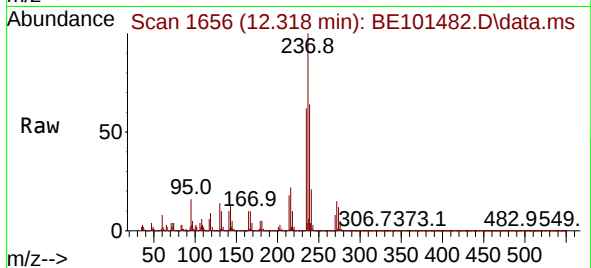




#41
Hexachlorocyclopentadiene
Concen: 154.557 ng
RT: 12.318 min Scan# 1
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

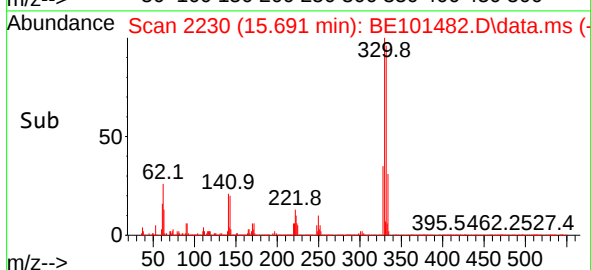
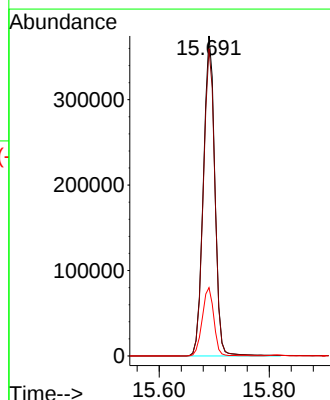
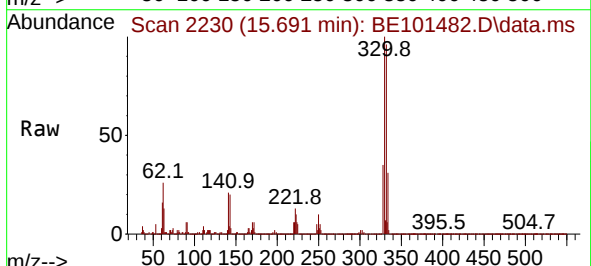
Instrument :
BNA_E
ClientSampleId :

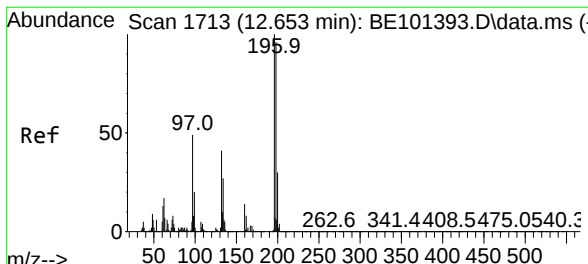
Tgt Ion:237 Resp: 270499
Ion Ratio Lower Upper
237 100
235 61.7 41.3 81.3
272 14.6 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 146.419 ng
RT: 15.691 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:330 Resp: 541731
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 21.7 18.3 27.5

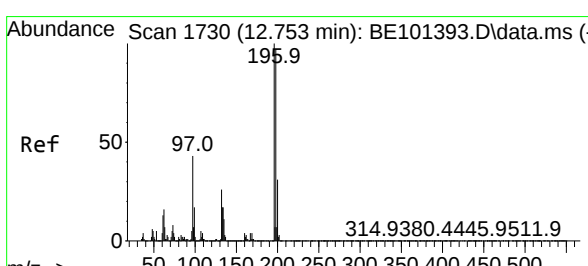
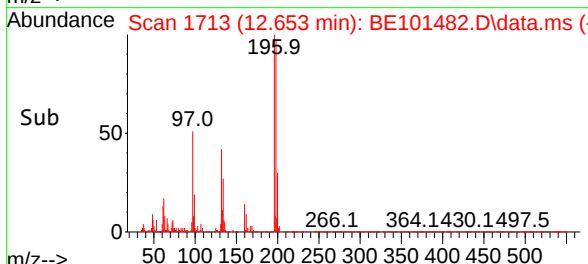
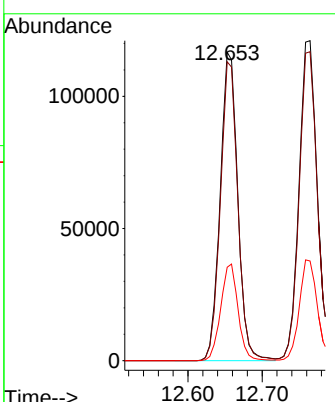
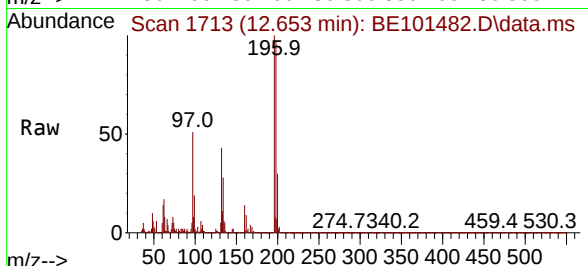




#43
 2,4,6-Trichlorophenol
 Concen: 52.583 ng
 RT: 12.653 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: BE101482.D
 Acq: 5 Nov 2024 16:52

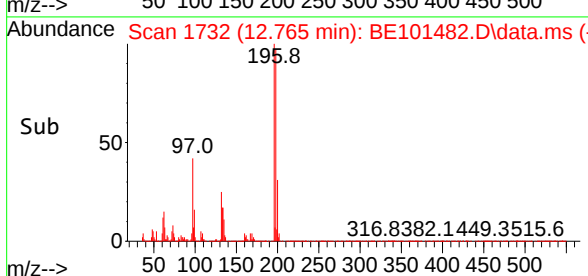
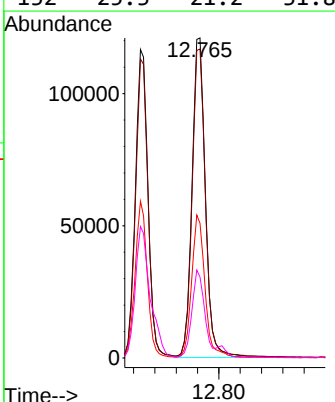
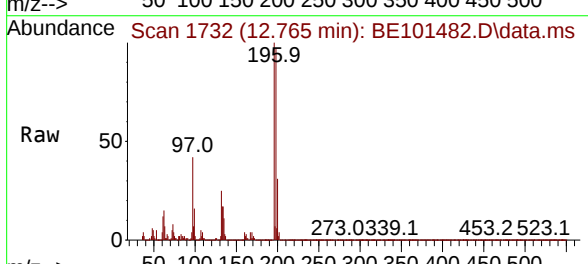
Instrument :
 BNA_E
 ClientSampleId :

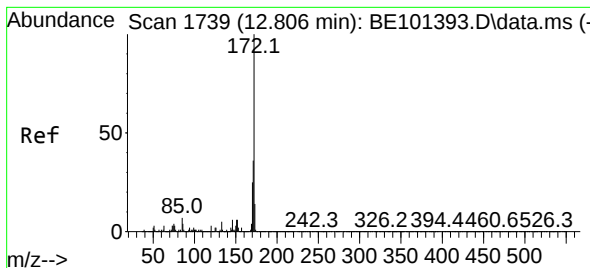
Tgt Ion:	196	Resp:	192099
Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	30.3	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 50.581 ng
 RT: 12.765 min Scan# 1732
 Delta R.T. 0.012 min
 Lab File: BE101482.D
 Acq: 5 Nov 2024 16:52

Tgt Ion:	196	Resp:	211609
Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.4	116.0
97	42.1	34.8	52.2
132	25.3	21.2	31.8





#45

2-Fluorobiphenyl

Concen: 97.369 ng

RT: 12.806 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

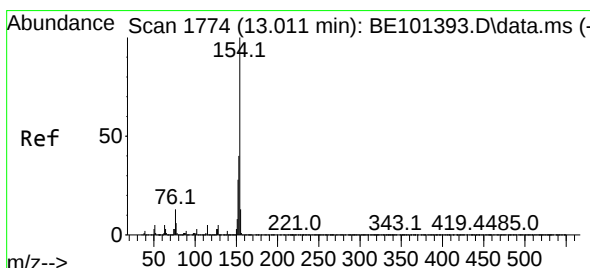
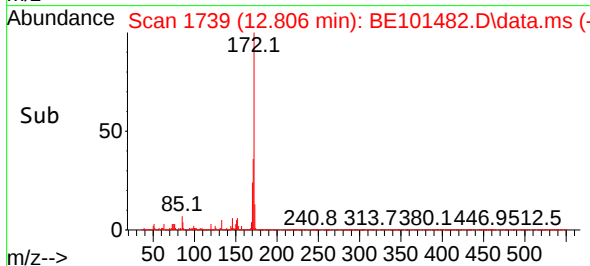
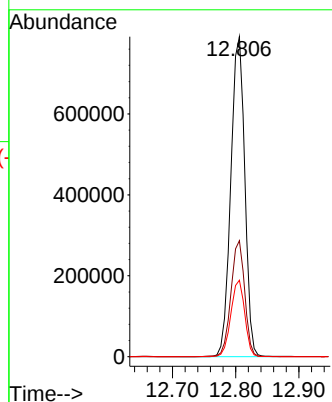
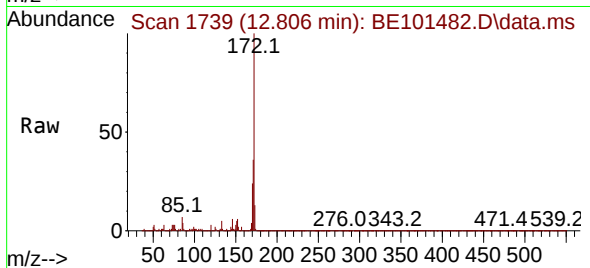
Tgt Ion:172 Resp: 1213699

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 23.9 19.8 29.6



#46

1,1'-Biphenyl

Concen: 45.892 ng

RT: 13.011 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

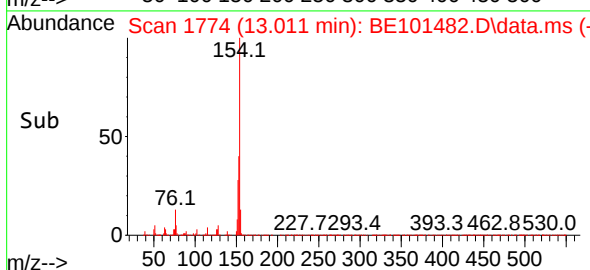
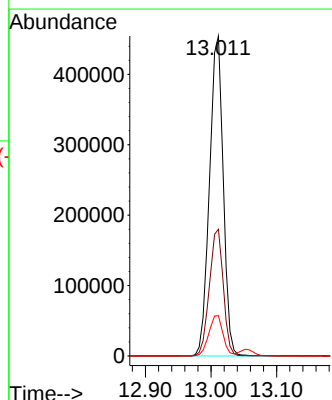
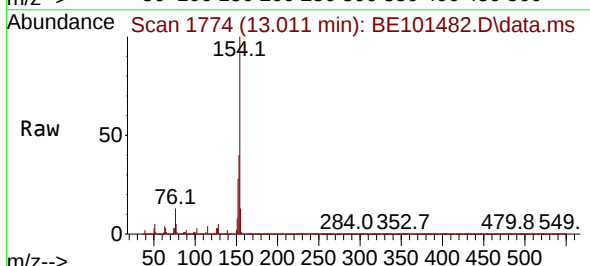
Tgt Ion:154 Resp: 663722

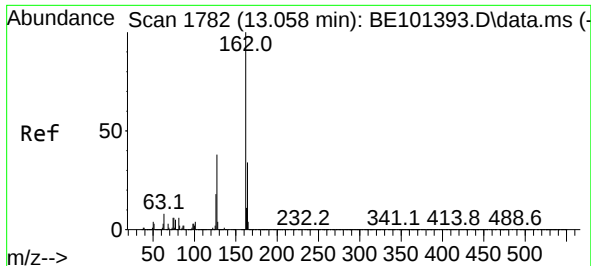
Ion Ratio Lower Upper

154 100

153 39.6 20.3 60.3

76 12.6 0.0 32.6

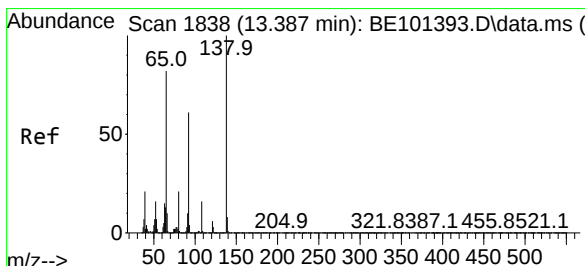
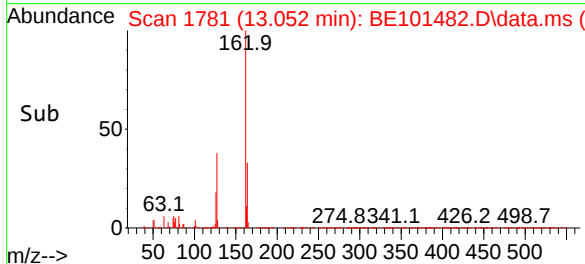
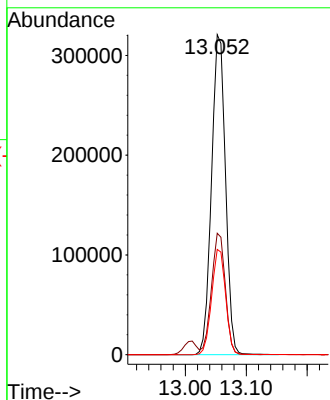
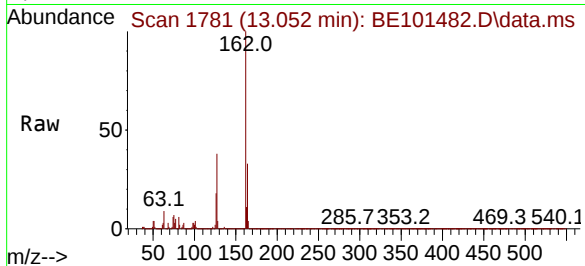




#47
2-Chloronaphthalene
Concen: 44.652 ng
RT: 13.052 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

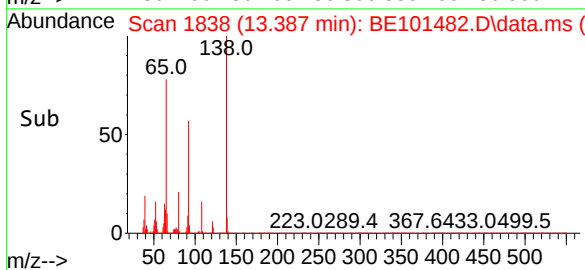
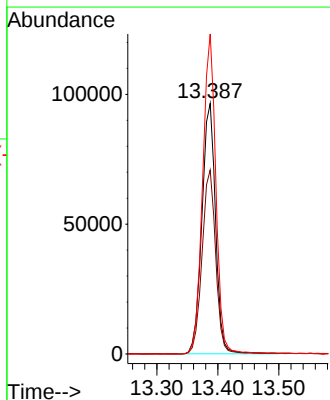
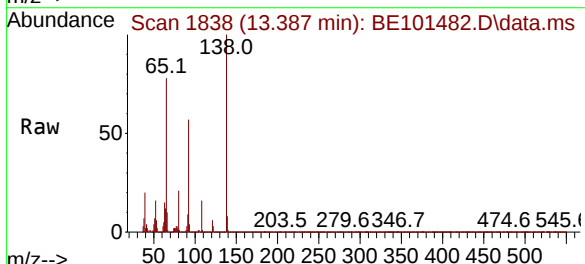
Instrument :
BNA_E
ClientSampleId :

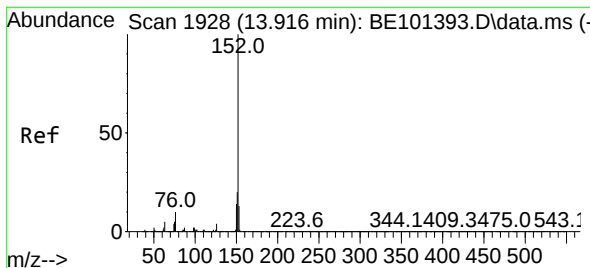
Tgt Ion:162 Resp: 510203
Ion Ratio Lower Upper
162 100
127 38.0 30.4 45.6
164 32.9 27.0 40.6



#48
2-Nitroaniline
Concen: 49.036 ng
RT: 13.387 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion: 65 Resp: 150789
Ion Ratio Lower Upper
65 100
92 73.4 59.0 88.4
138 127.7 97.4 146.0





#49

Acenaphthylene

Concen: 50.507 ng

RT: 13.916 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

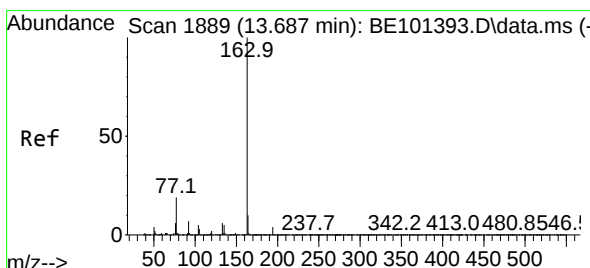
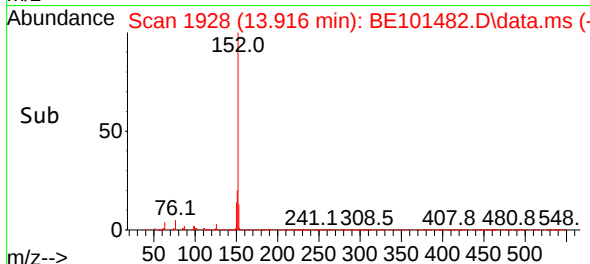
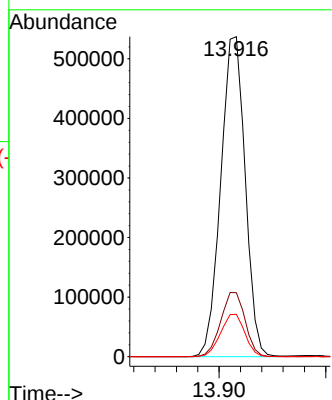
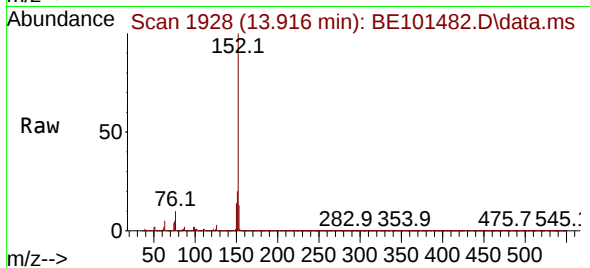
Tgt Ion:152 Resp: 853443

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 48.476 ng

RT: 13.687 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

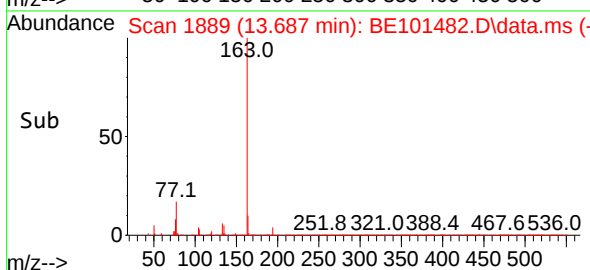
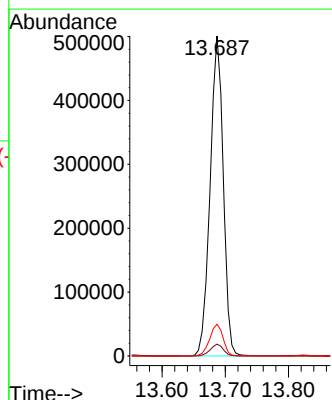
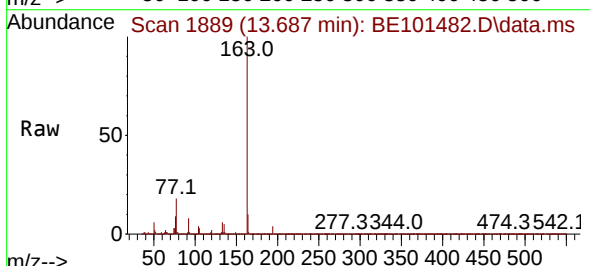
Tgt Ion:163 Resp: 722325

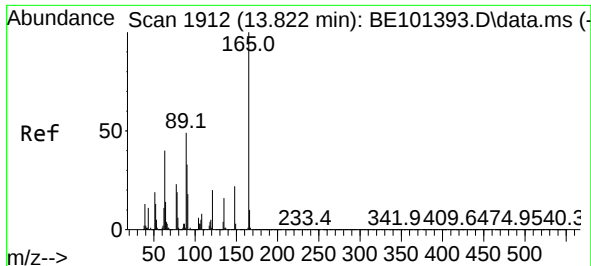
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

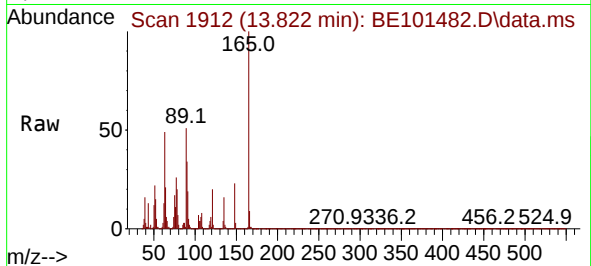
164 9.9 8.4 12.6



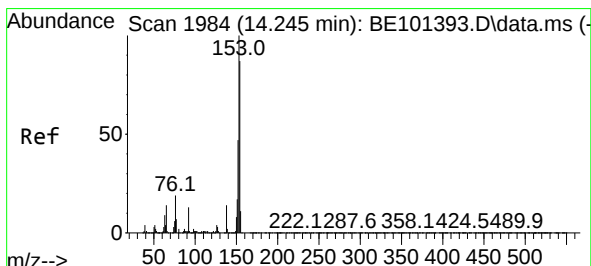
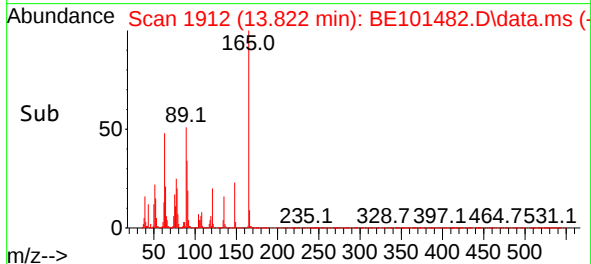
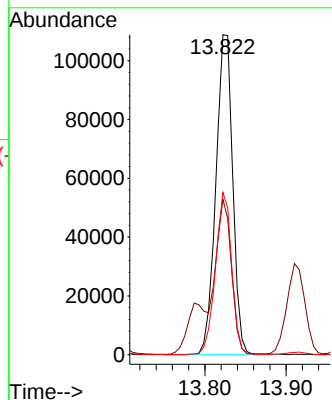


#51
2,6-Dinitrotoluene
Concen: 45.776 ng
RT: 13.822 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Instrument :
BNA_E
ClientSampleId :

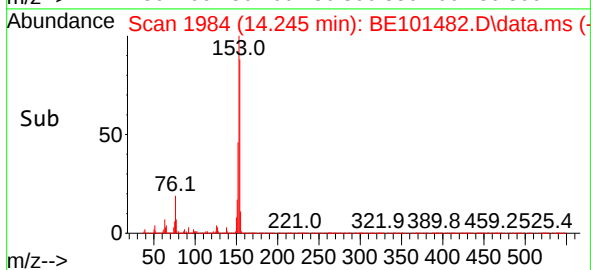
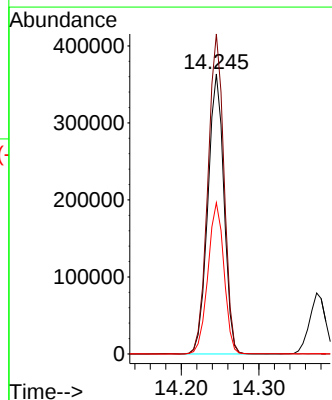
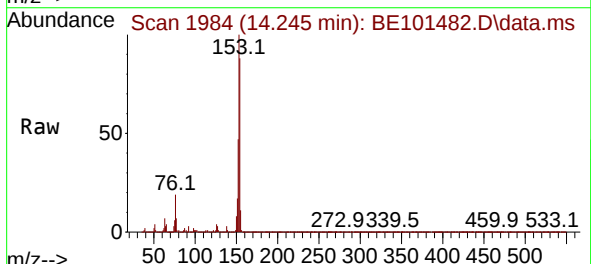


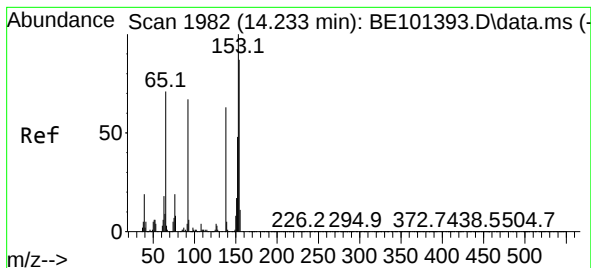
Tgt Ion:165 Resp: 157480
Ion Ratio Lower Upper
165 100
63 48.5 38.0 57.0
89 50.7 39.5 59.3



#52
Acenaphthene
Concen: 47.384 ng
RT: 14.245 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:154 Resp: 522820
Ion Ratio Lower Upper
154 100
153 114.3 91.8 137.6
152 54.0 43.1 64.7





#53

3-Nitroaniline

Concen: 14.198 ng

RT: 14.233 min Scan# 1982

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

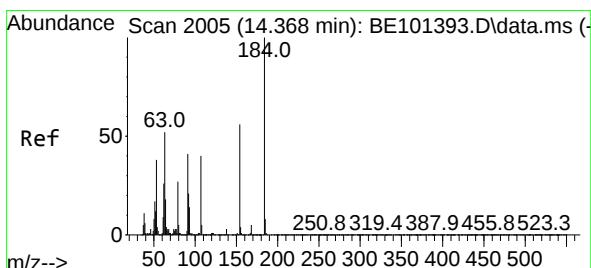
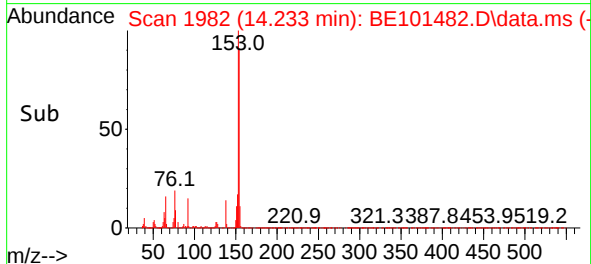
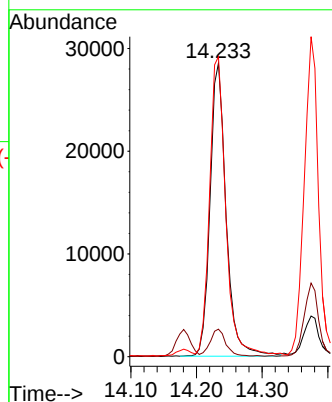
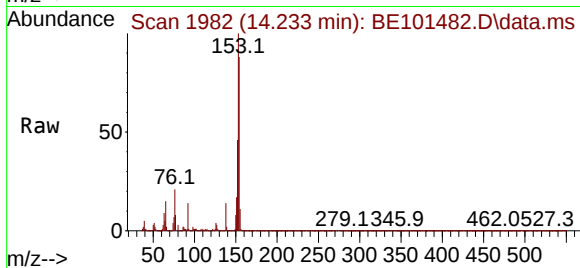
Tgt Ion:138 Resp: 48570

Ion Ratio Lower Upper

138 100

108 9.4 7.1 10.7

92 102.2 84.4 126.6



#54

2,4-Dinitrophenol

Concen: 85.399 ng

RT: 14.374 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

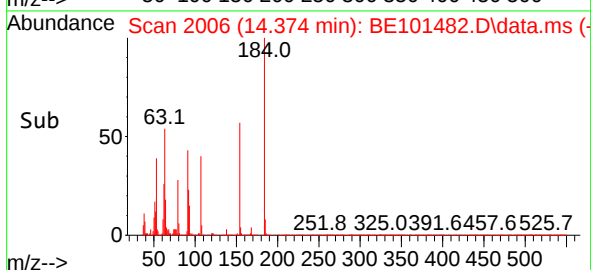
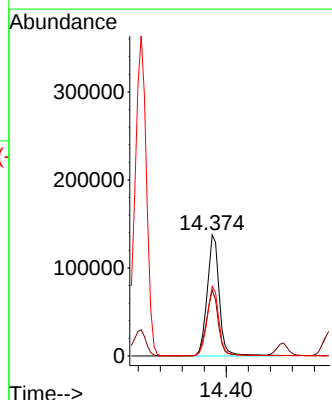
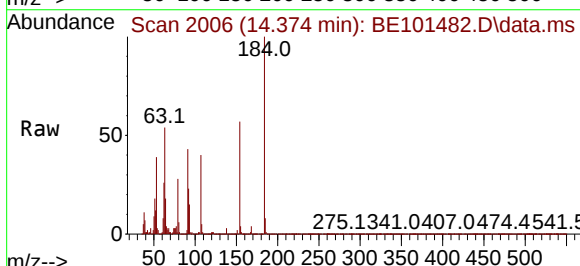
Tgt Ion:184 Resp: 209746

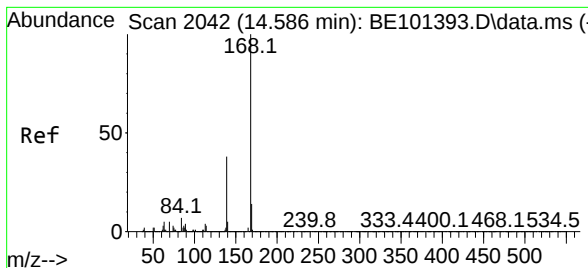
Ion Ratio Lower Upper

184 100

63 54.4 41.8 62.6

154 57.4 44.9 67.3

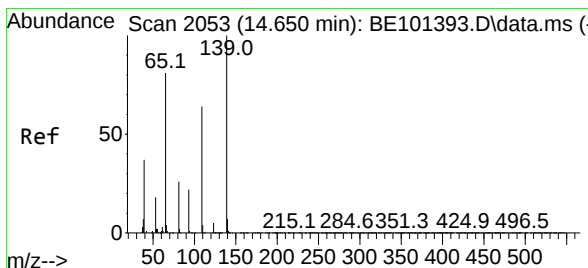
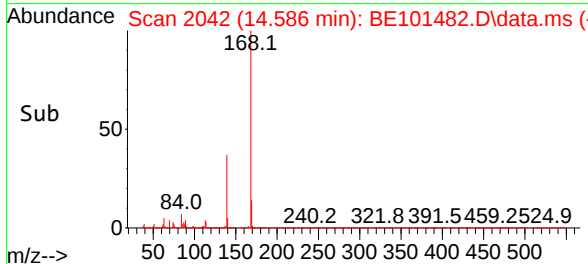
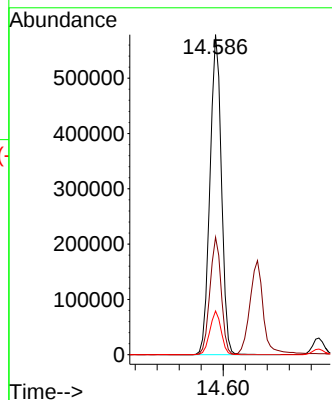
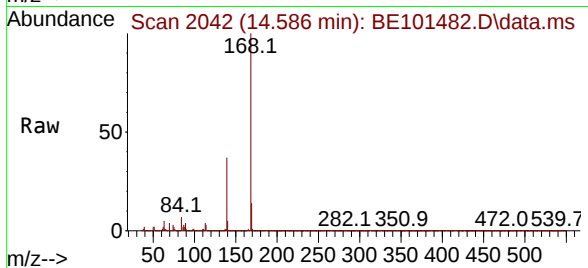




#55
Dibenzenofuran
Concen: 47.316 ng
RT: 14.586 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

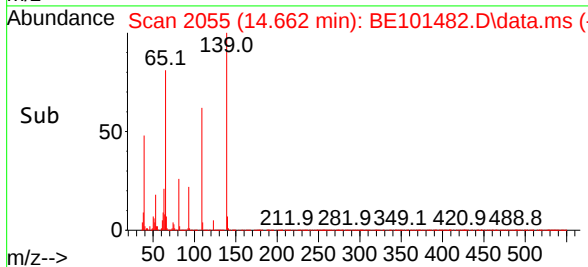
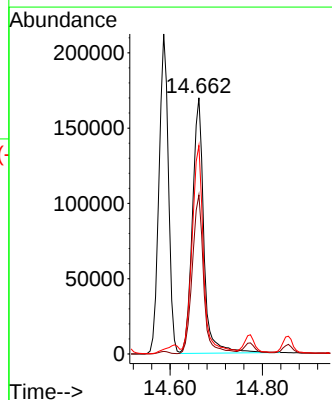
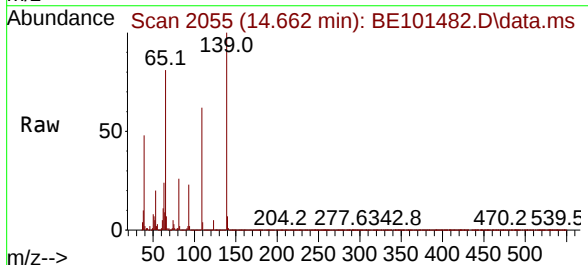
Instrument :
BNA_E
ClientSampleId :

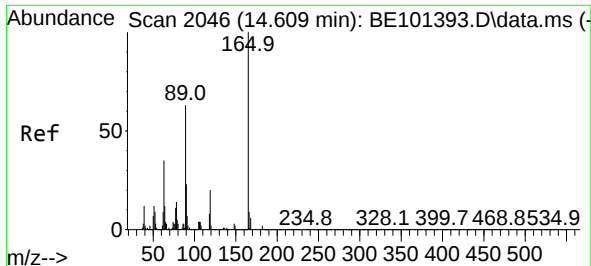
Tgt Ion:168 Resp: 832109
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.4
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 93.038 ng
RT: 14.662 min Scan# 2055
Delta R.T. 0.012 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

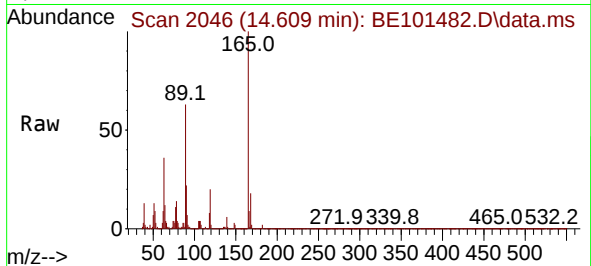
Tgt Ion:139 Resp: 291457
Ion Ratio Lower Upper
139 100
109 62.1 42.4 82.4
65 81.4 63.4 103.4



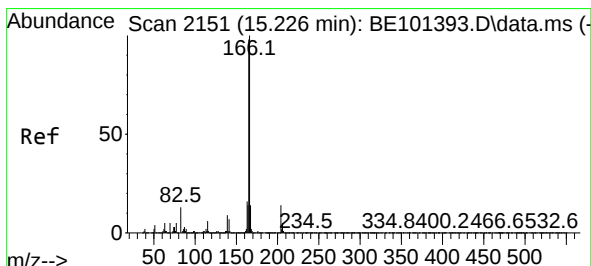
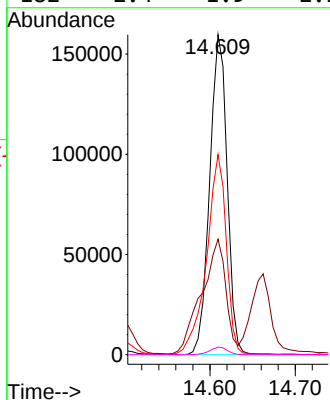
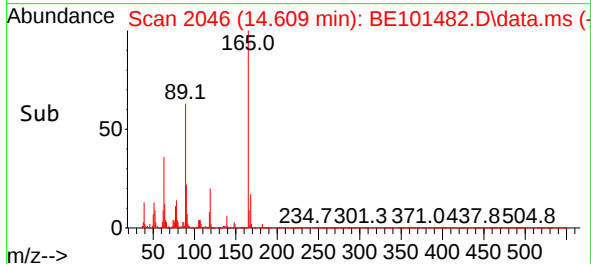


#57
2,4-Dinitrotoluene
Concen: 47.914 ng
RT: 14.609 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

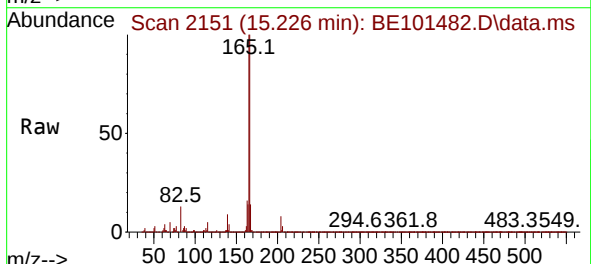
Instrument :
BNA_E
ClientSampleId :



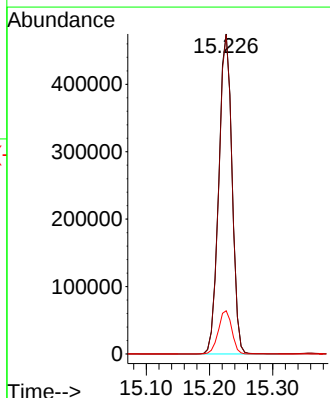
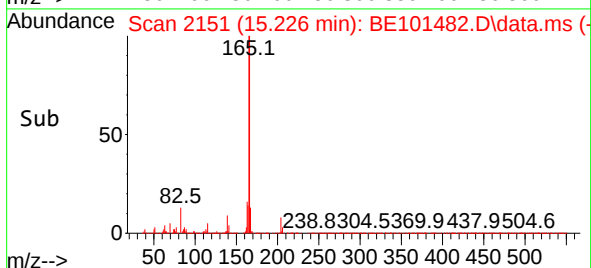
Tgt Ion:165 Resp: 226931
Ion Ratio Lower Upper
165 100
63 36.1 28.6 42.8
89 62.5 50.8 76.2
182 2.4 1.9 2.9

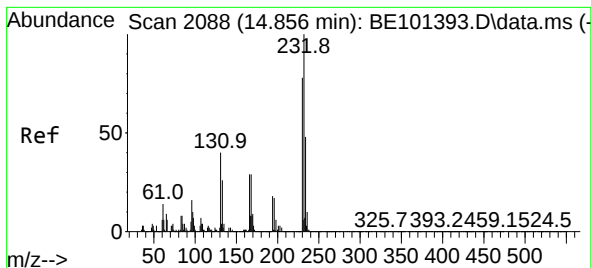


#58
Fluorene
Concen: 46.887 ng
RT: 15.226 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52



Tgt Ion:166 Resp: 689800
Ion Ratio Lower Upper
166 100
165 99.8 78.7 118.1
167 13.5 11.0 16.4

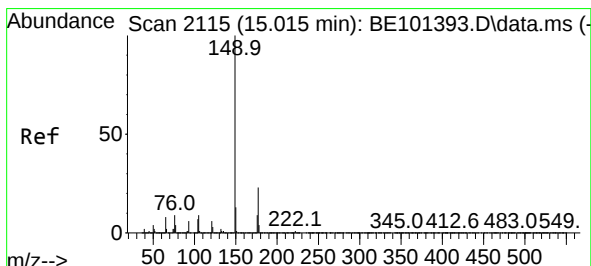
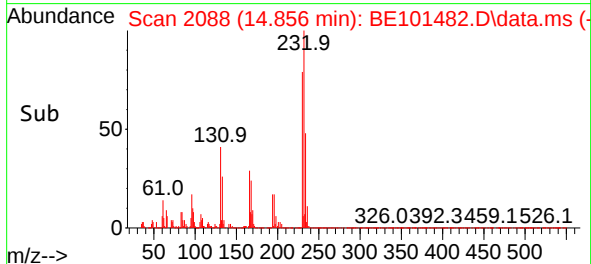
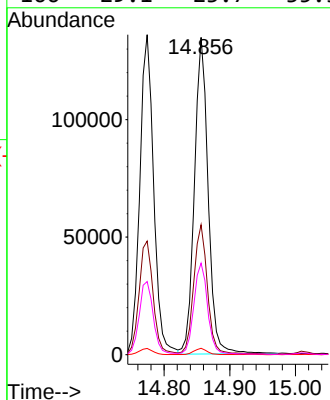
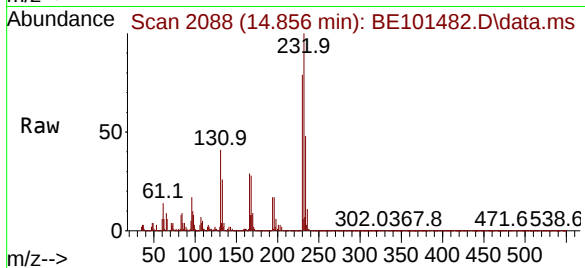




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.825 ng
RT: 14.856 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

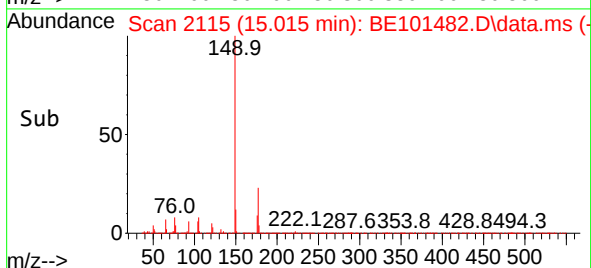
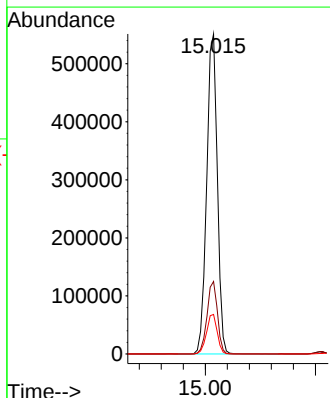
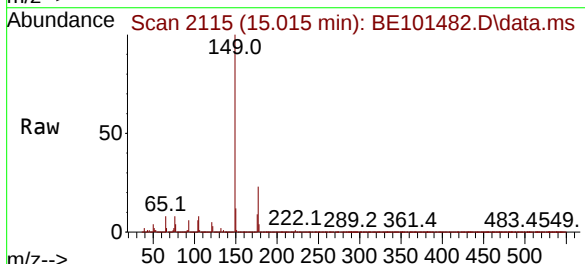
Instrument :
BNA_E
ClientSampleId :

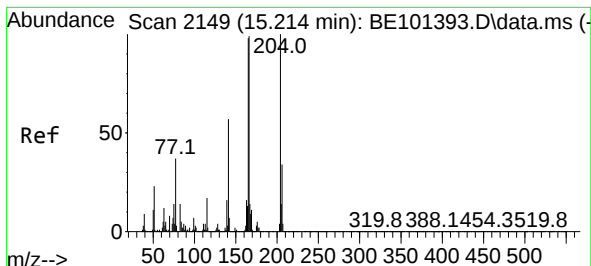
Tgt Ion:	232	Resp:	196455
Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.5	50.3
130	1.9	1.6	2.4
166	29.1	23.7	35.5



#60
Diethylphthalate
Concen: 47.226 ng
RT: 15.015 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:	149	Resp:	736065
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.0	27.0
150	12.4	10.3	15.5

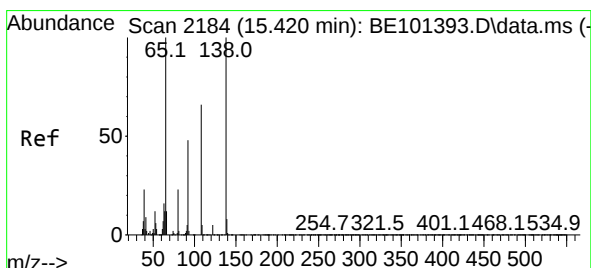
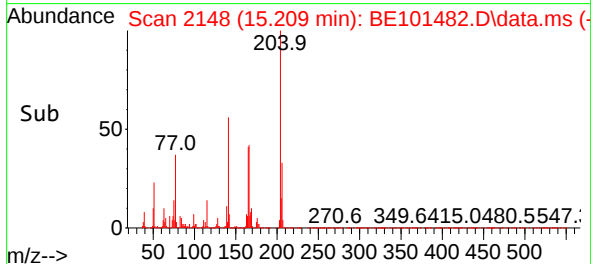
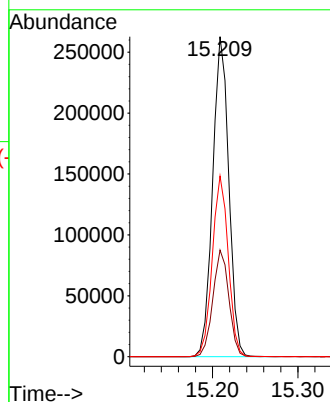
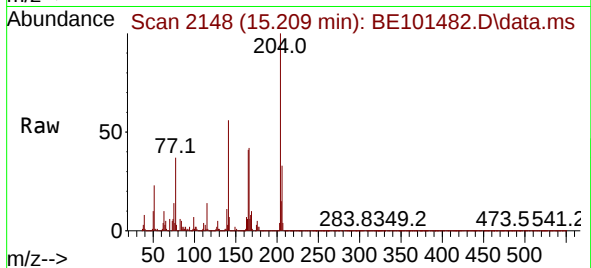




#61
4-Chlorophenyl-phenylether
Concen: 47.193 ng
RT: 15.209 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

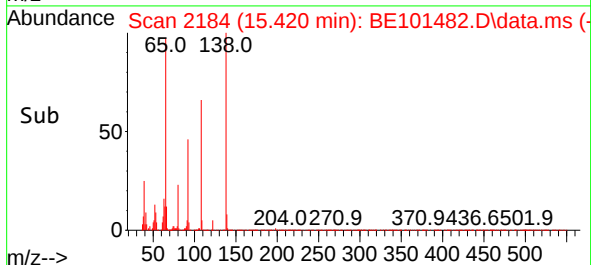
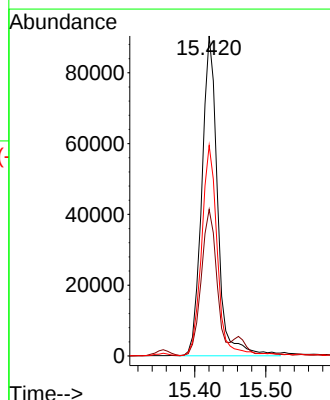
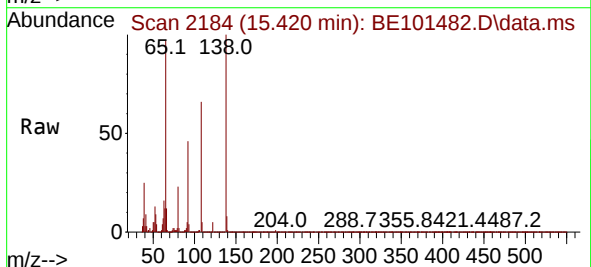
Instrument :
BNA_E
ClientSampleId :

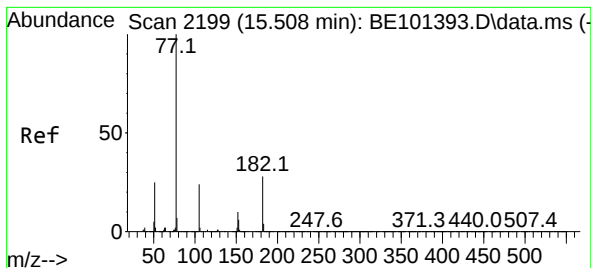
Tgt Ion:204 Resp: 344527
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 56.5 45.9 68.9



#62
4-Nitroaniline
Concen: 36.857 ng
RT: 15.420 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:138 Resp: 140300
Ion Ratio Lower Upper
138 100
92 45.8 28.7 68.7
108 65.8 46.5 86.5





#63

Azobenzene

Concen: 46.678 ng

RT: 15.508 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNB_E

ClientSampleId :

Tgt Ion: 77 Resp: 625342

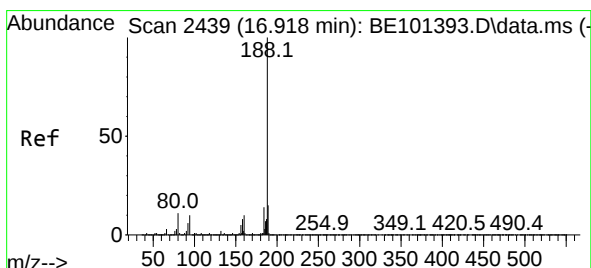
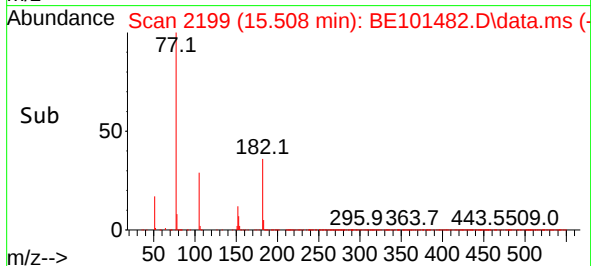
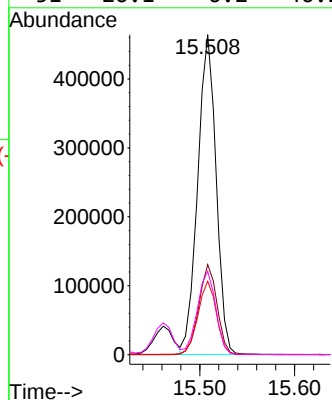
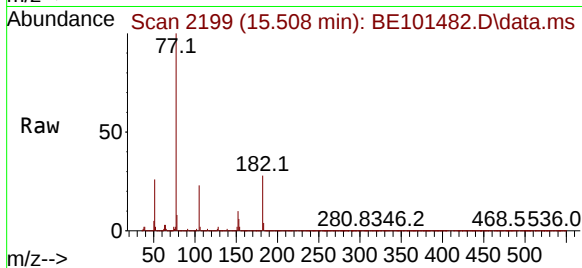
Ion Ratio Lower Upper

77 100

182 28.2 7.6 47.6

105 23.0 3.2 43.2

51 26.1 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.918 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

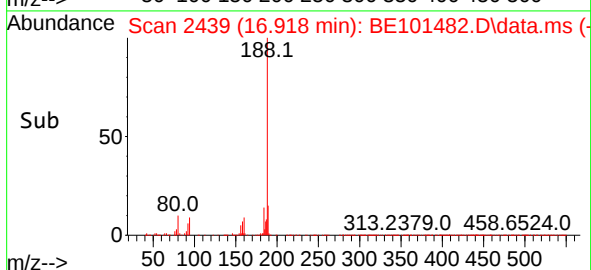
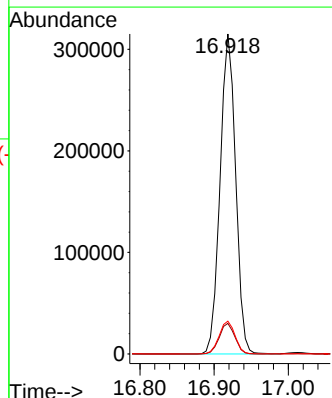
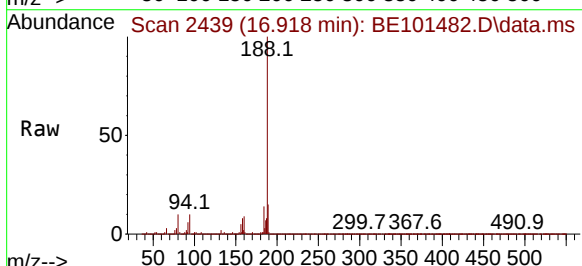
Tgt Ion:188 Resp: 458730

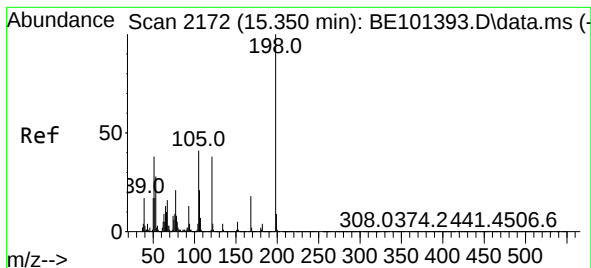
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.8

80 10.2 8.6 12.8

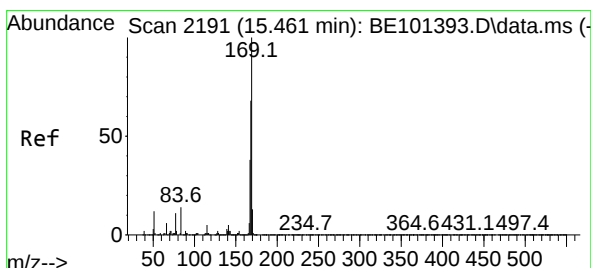
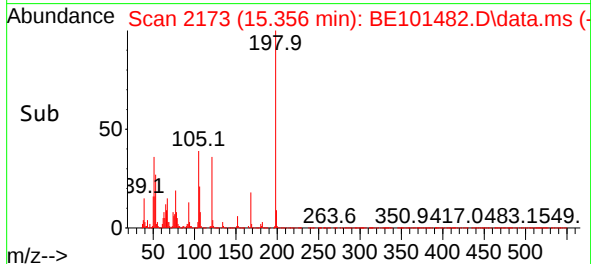
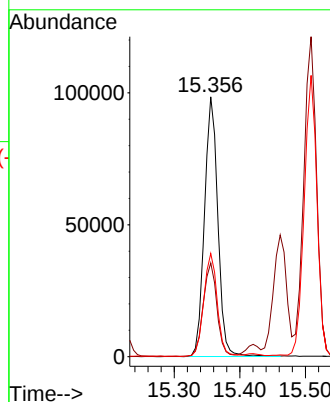
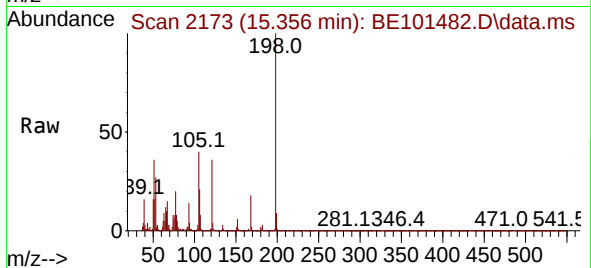




#65
4,6-Dinitro-2-methylphenol
Concen: 52.099 ng
RT: 15.356 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

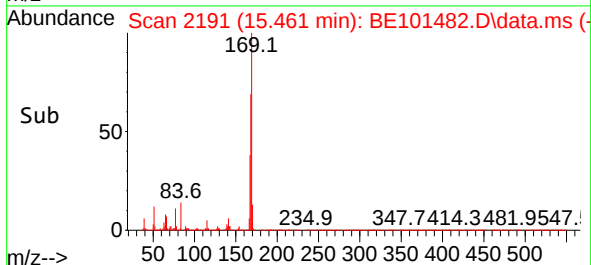
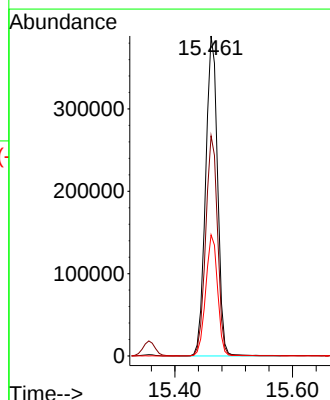
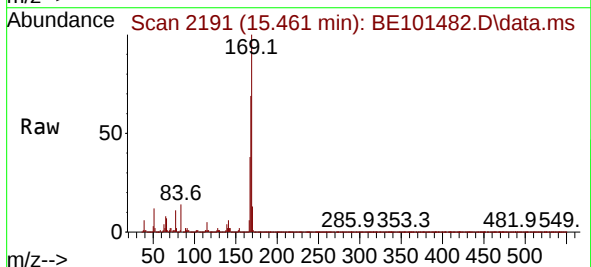
Instrument :
BNA_E
ClientSampleId :

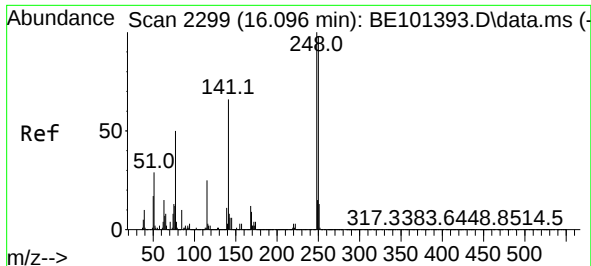
Tgt Ion:198 Resp: 140436
Ion Ratio Lower Upper
198 100
51 36.1 18.2 58.2
105 39.7 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 45.238 ng
RT: 15.461 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:169 Resp: 550316
Ion Ratio Lower Upper
169 100
168 68.8 54.5 81.7
167 37.9 30.4 45.6

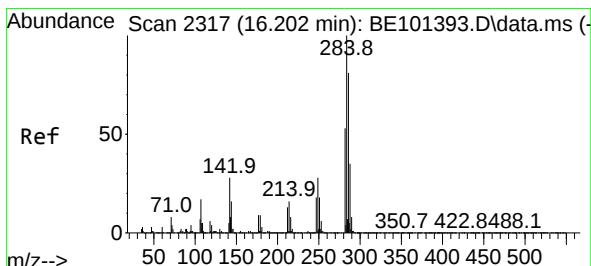
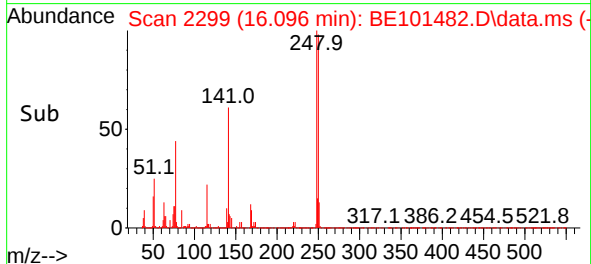
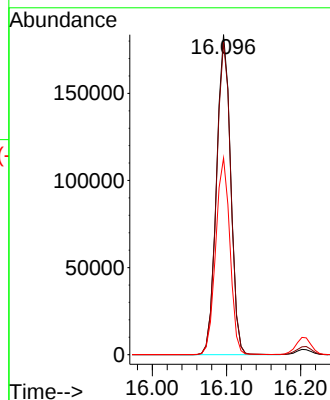
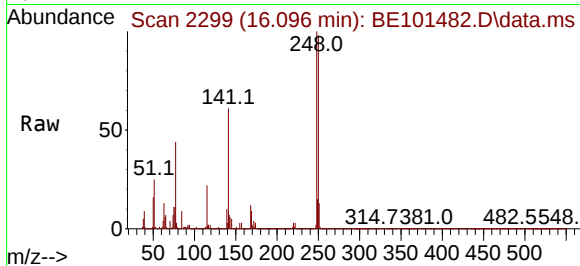




#67
4-Bromophenyl-phenylether
Concen: 50.286 ng
RT: 16.096 min Scan# 21
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

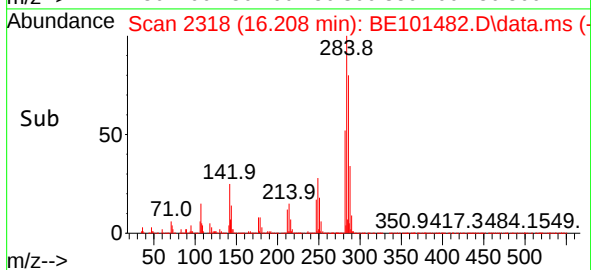
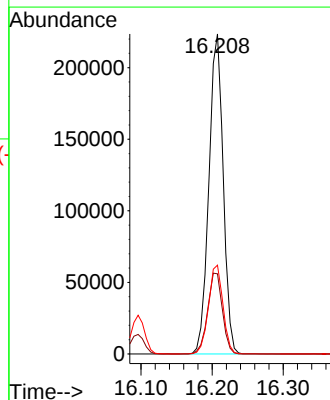
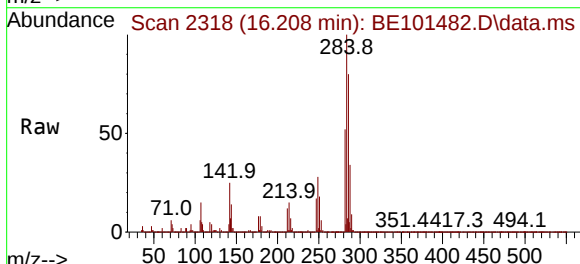
Instrument :
BNA_E
ClientSampleId :

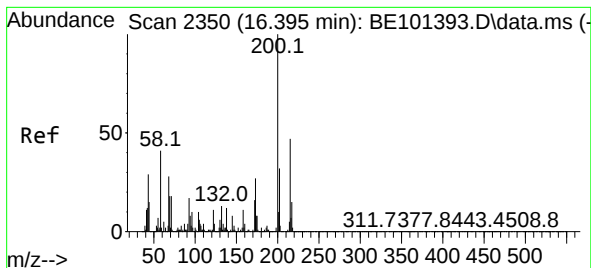
Tgt Ion:248 Resp: 242652
Ion Ratio Lower Upper
248 100
250 97.6 78.2 117.2
141 61.4 53.0 79.4



#68
Hexachlorobenzene
Concen: 49.429 ng
RT: 16.208 min Scan# 2318
Delta R.T. 0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:284 Resp: 312640
Ion Ratio Lower Upper
284 100
142 25.0 22.2 33.2
249 27.7 22.8 34.2





#69

Atrazine

Concen: 39.644 ng

RT: 16.396 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

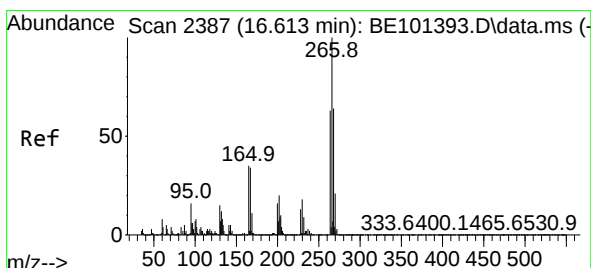
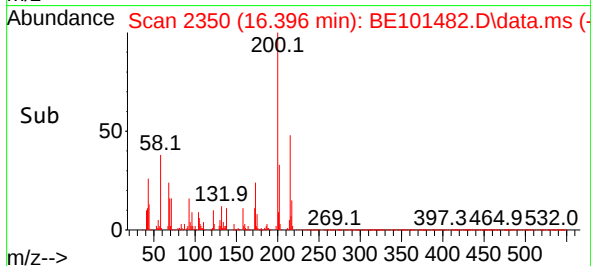
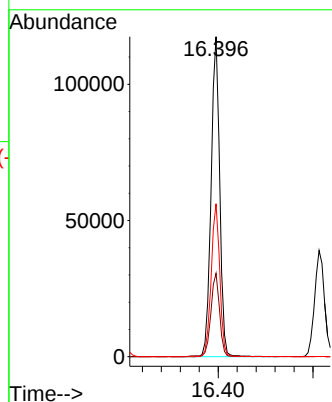
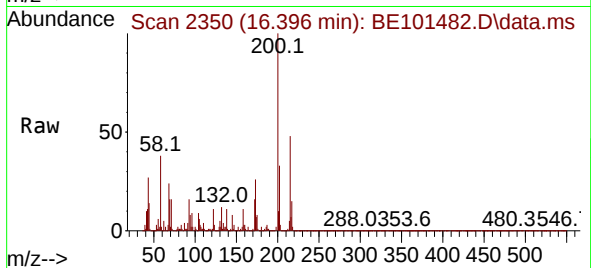
Tgt Ion:200 Resp: 147854

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

215 47.8 27.3 67.3



#70

Pentachlorophenol

Concen: 103.859 ng

RT: 16.613 min Scan# 2387

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

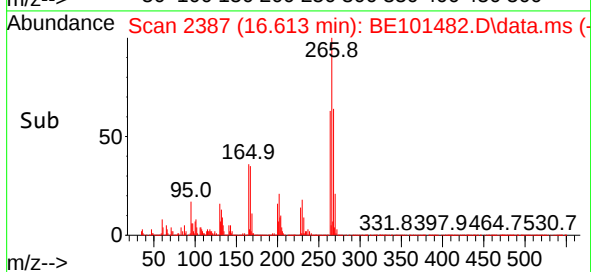
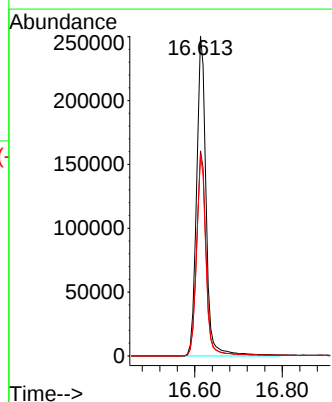
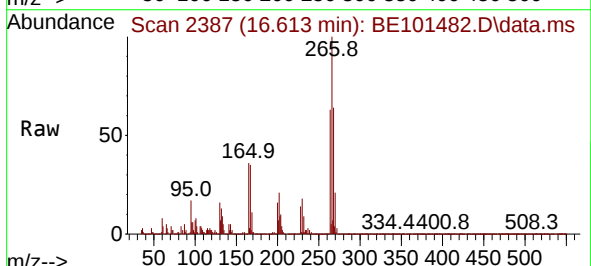
Tgt Ion:266 Resp: 378128

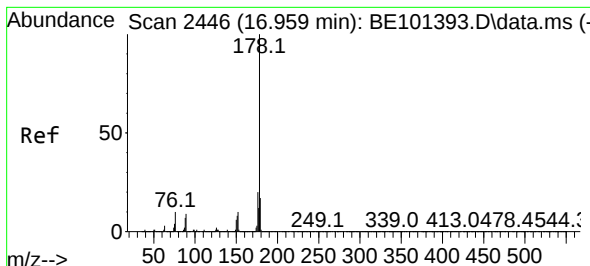
Ion Ratio Lower Upper

266 100

268 64.1 51.5 77.3

264 62.7 50.7 76.1





#71

Phenanthrene

Concen: 50.575 ng

RT: 16.960 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

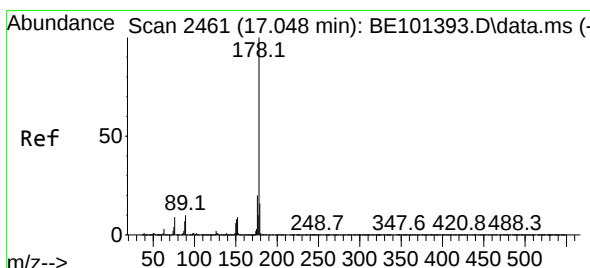
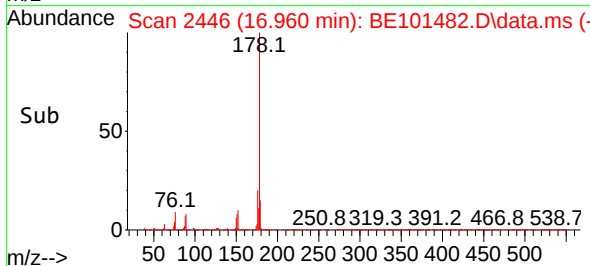
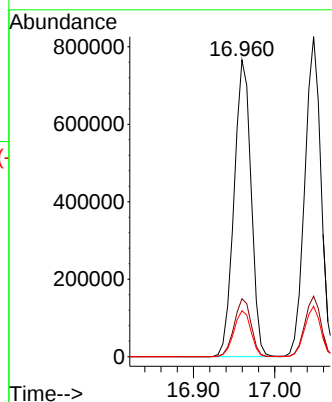
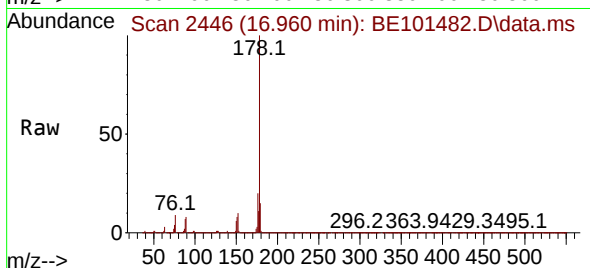
Tgt Ion:178 Resp: 1110798

Ion Ratio Lower Upper

178 100

176 19.5 16.4 24.6

179 15.5 13.2 19.8



#72

Anthracene

Concen: 53.325 ng

RT: 17.048 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

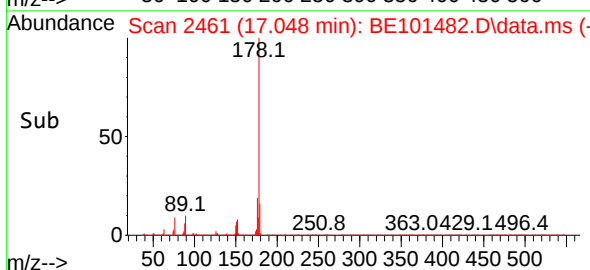
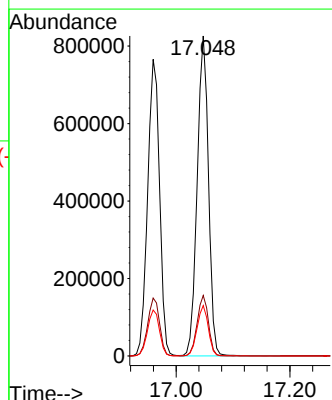
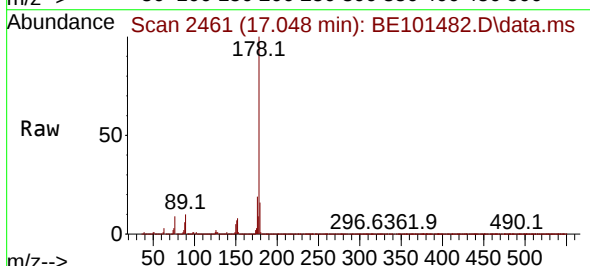
Tgt Ion:178 Resp: 1143614

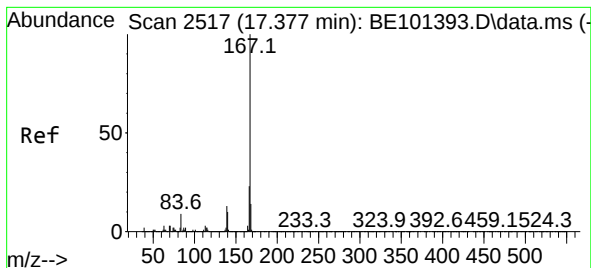
Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

179 15.8 13.1 19.7





#73

Carbazole

Concen: 44.401 ng

RT: 17.377 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

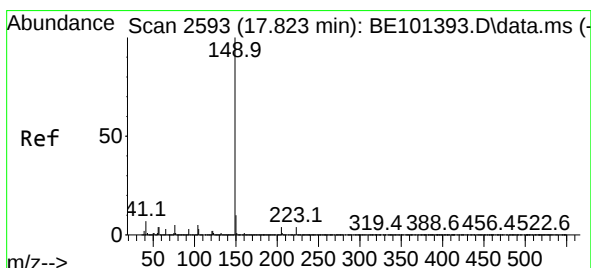
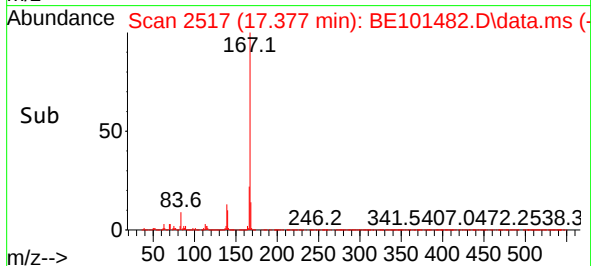
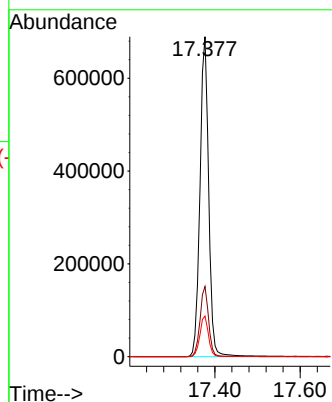
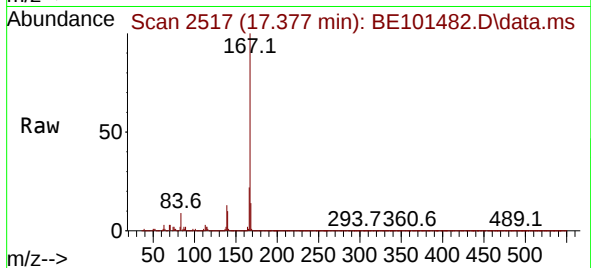
Tgt Ion:167 Resp: 974324

Ion Ratio Lower Upper

167 100

166 22.0 18.3 27.5

139 12.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 54.542 ng

RT: 17.823 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

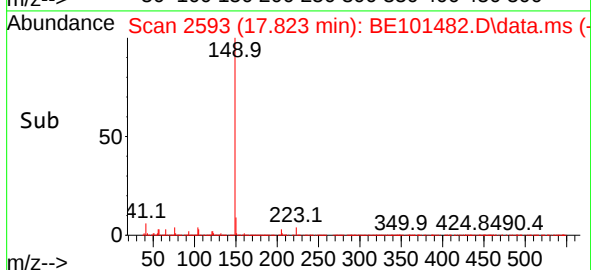
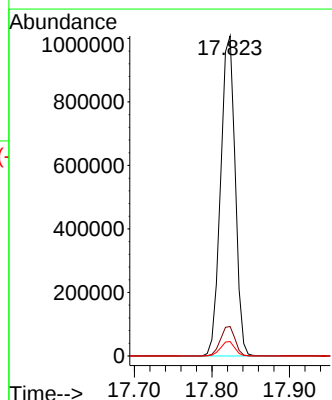
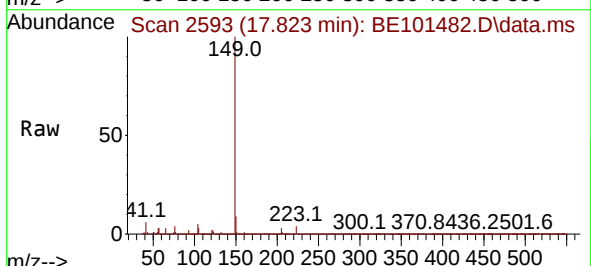
Tgt Ion:149 Resp: 1317603

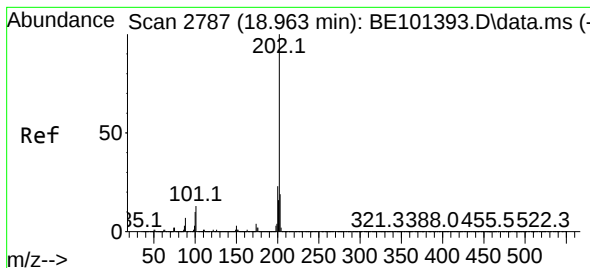
Ion Ratio Lower Upper

149 100

150 9.2 8.2 12.4

104 4.5 3.9 5.9





#75

Fluoranthene

Concen: 50.560 ng

RT: 18.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

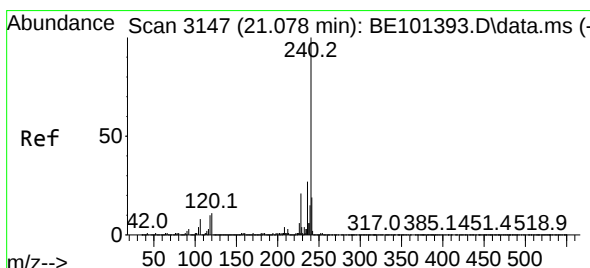
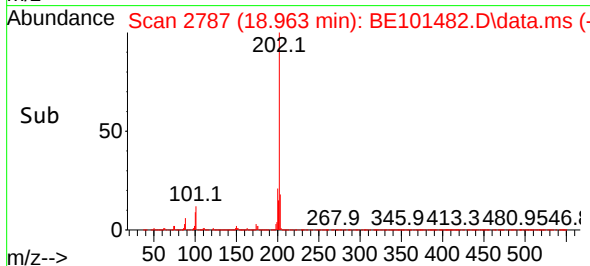
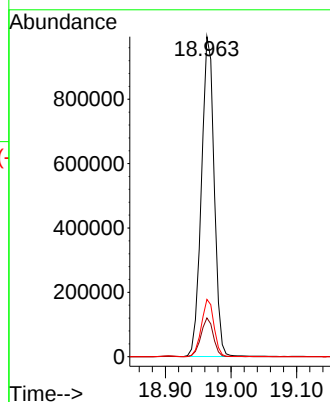
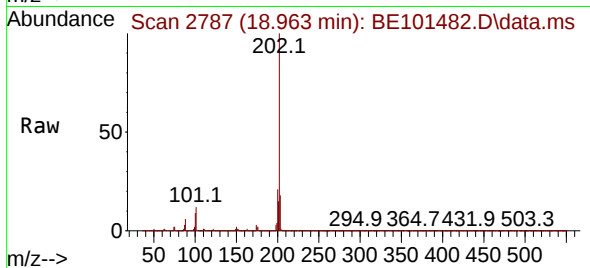
Tgt Ion:202 Resp: 1348741

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.3

203 17.9 0.0 39.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.084 min Scan# 3148

Delta R.T. 0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

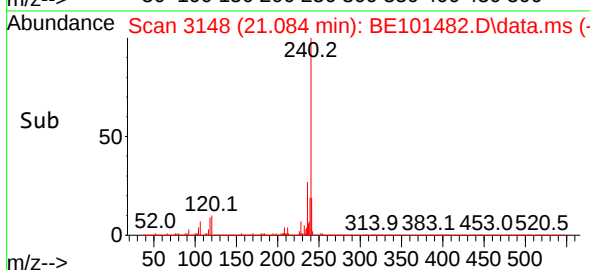
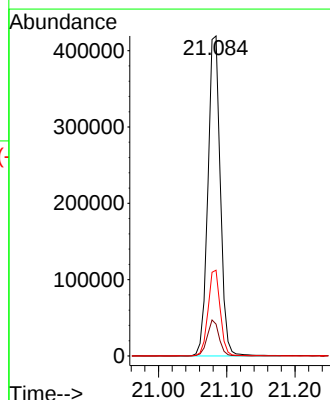
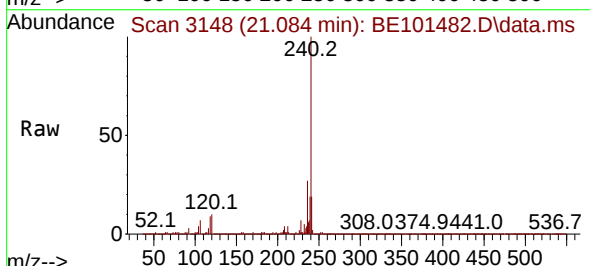
Tgt Ion:240 Resp: 529239

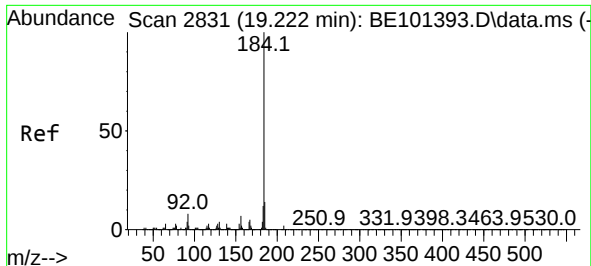
Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

236 26.8 21.4 32.0

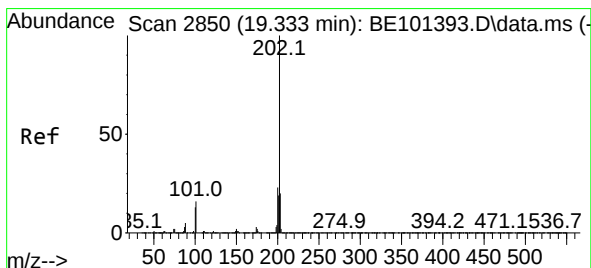
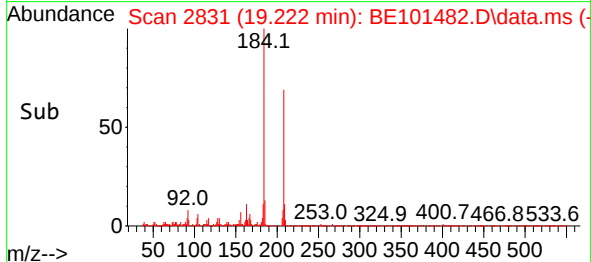
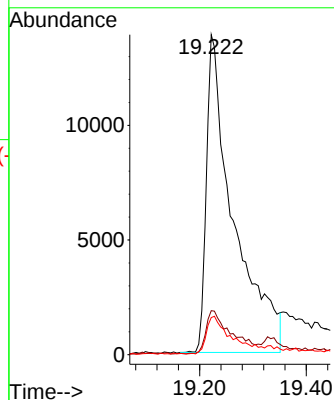
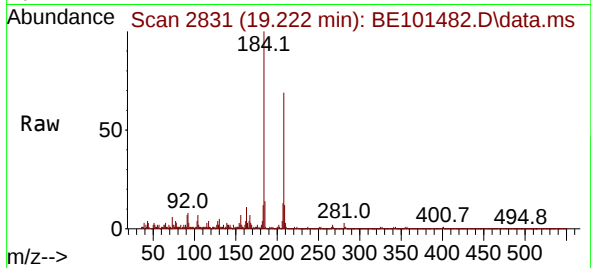




#77
Benzidine
Concen: 7.242 ng
RT: 19.222 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

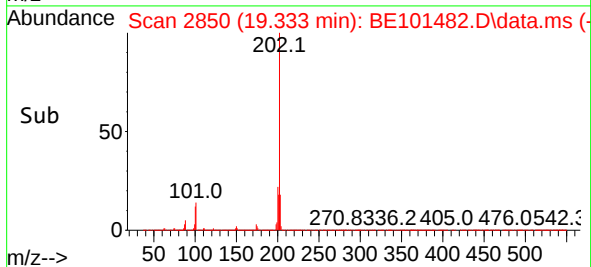
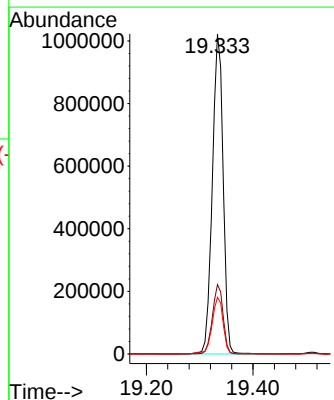
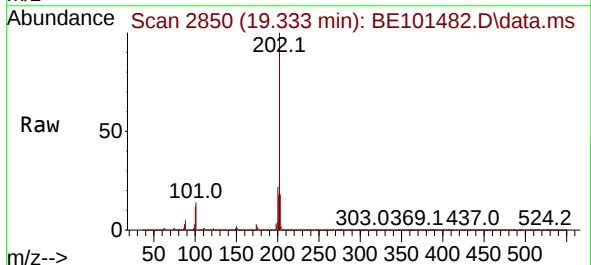
Instrument :
BNA_E
ClientSampleId :

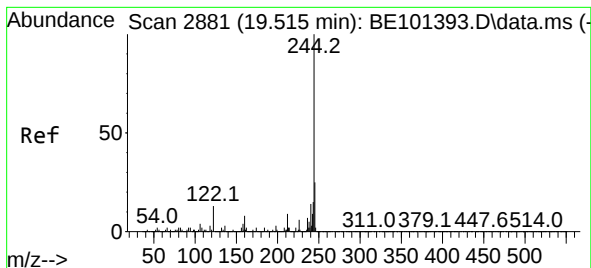
Tgt Ion:184 Resp: 48644
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.6 9.3 13.9



#78
Pyrene
Concen: 49.248 ng
RT: 19.333 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:202 Resp: 1433310
Ion Ratio Lower Upper
202 100
200 21.7 18.6 28.0
203 17.7 15.6 23.4





#79

Terphenyl-d14

Concen: 97.770 ng

RT: 19.510 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

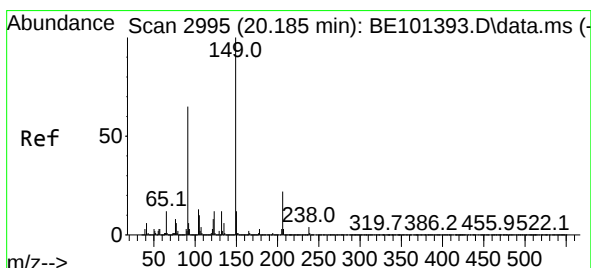
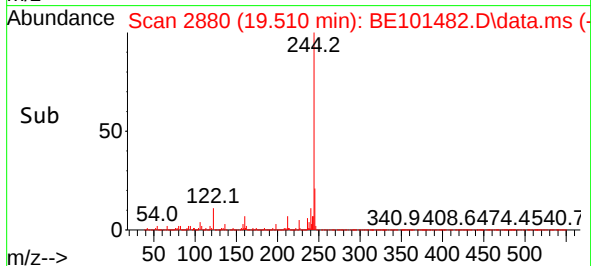
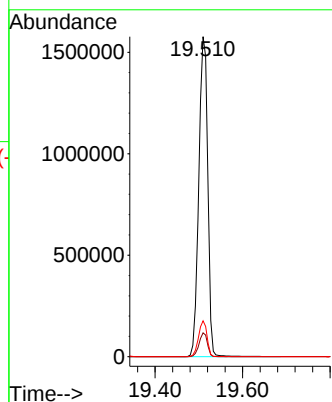
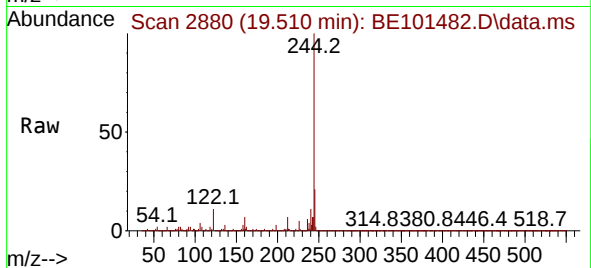
Tgt Ion:244 Resp: 2248214

Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

122 11.2 10.4 15.6



#80

Butylbenzylphthalate

Concen: 50.901 ng

RT: 20.179 min Scan# 2994

Delta R.T. -0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

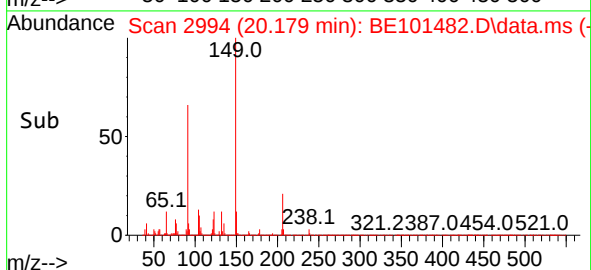
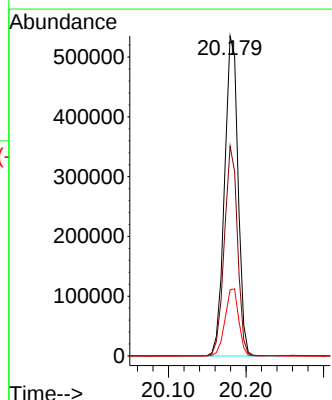
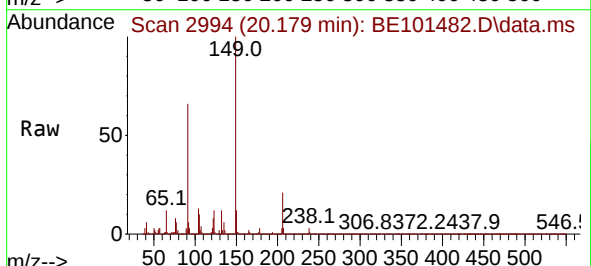
Tgt Ion:149 Resp: 649438

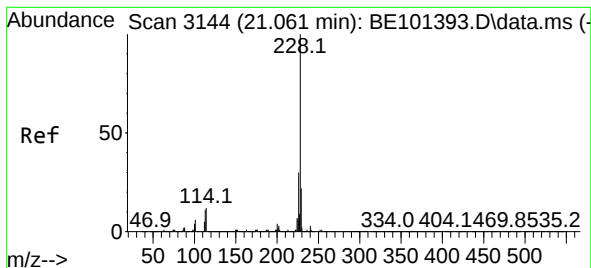
Ion Ratio Lower Upper

149 100

91 65.5 51.8 77.8

206 20.7 17.4 26.2





#81

Benzo(a)anthracene

Concen: 52.124 ng

RT: 21.061 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

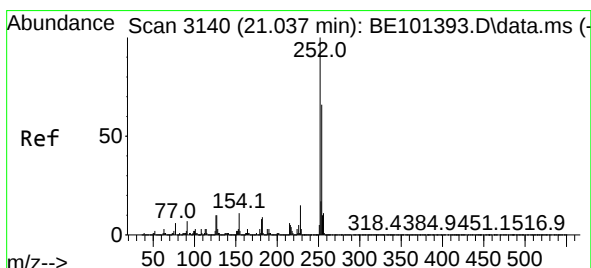
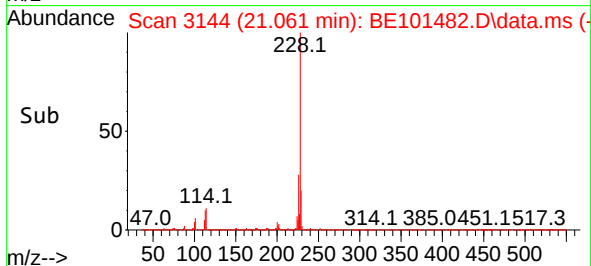
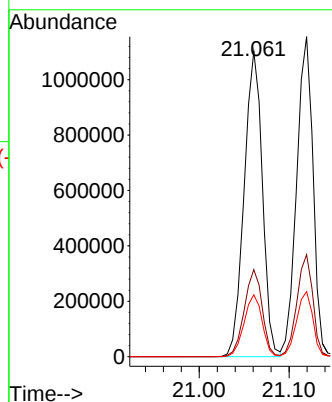
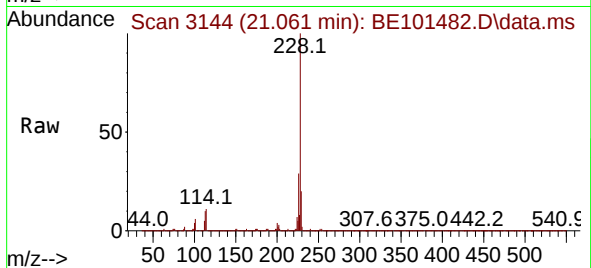
Tgt Ion:228 Resp: 1550504

Ion Ratio Lower Upper

228 100

226 28.5 24.1 36.1

229 20.3 17.3 25.9



#82

3,3'-Dichlorobenzidine

Concen: 14.952 ng

RT: 21.031 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

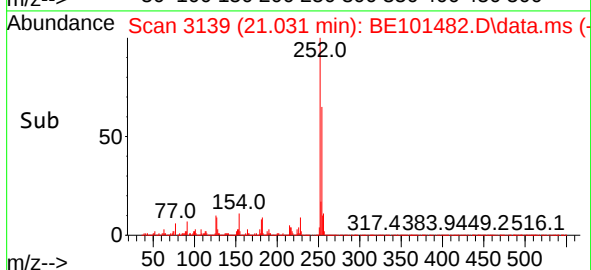
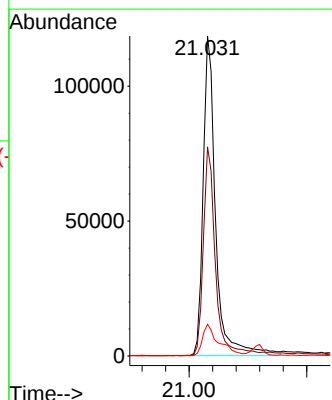
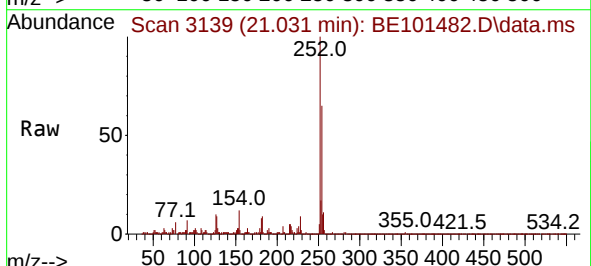
Tgt Ion:252 Resp: 174231

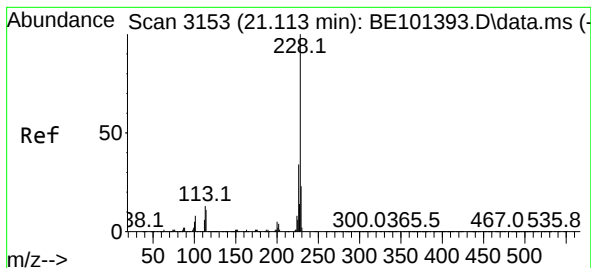
Ion Ratio Lower Upper

252 100

254 65.4 52.6 78.8

126 9.9 7.7 11.5





#83

Chrysene

Concen: 51.308 ng

RT: 21.119 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

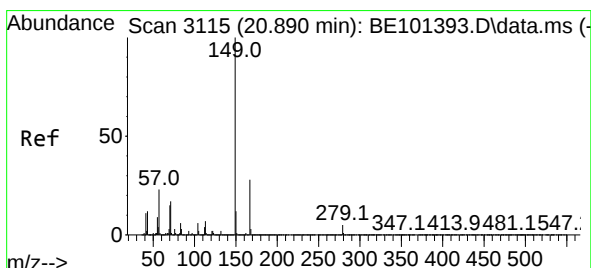
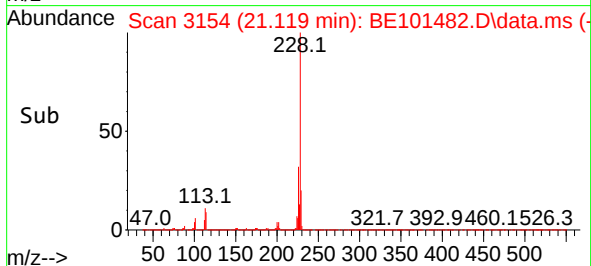
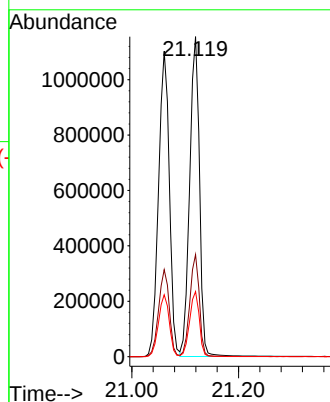
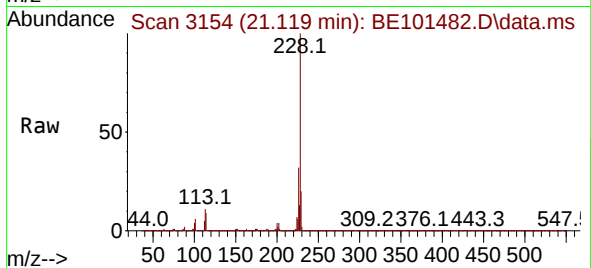
Tgt Ion:228 Resp: 1475679

Ion Ratio Lower Upper

228 100

226 31.9 27.2 40.8

229 20.4 18.0 27.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.126 ng

RT: 20.884 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

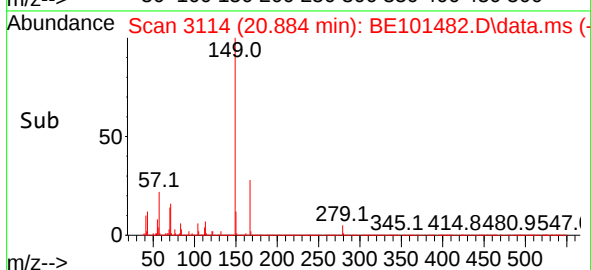
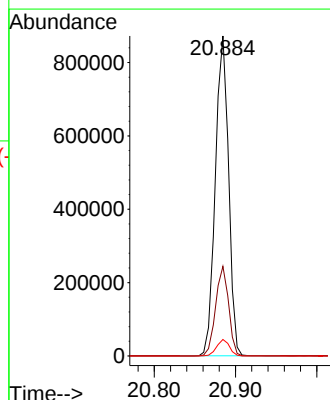
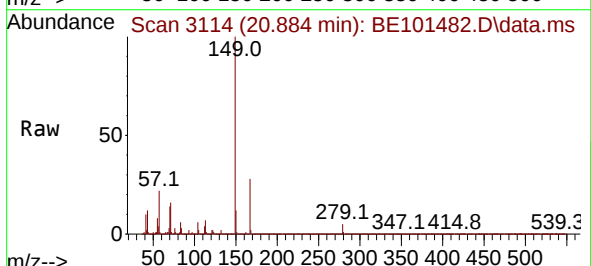
Tgt Ion:149 Resp: 985218

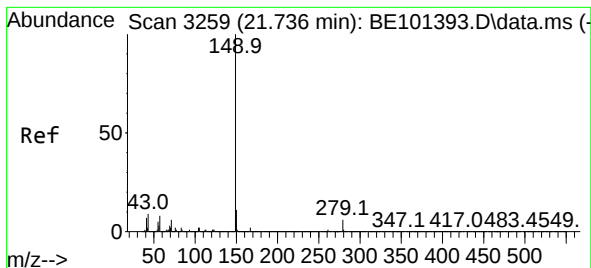
Ion Ratio Lower Upper

149 100

167 28.0 22.7 34.1

279 5.2 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 61.610 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

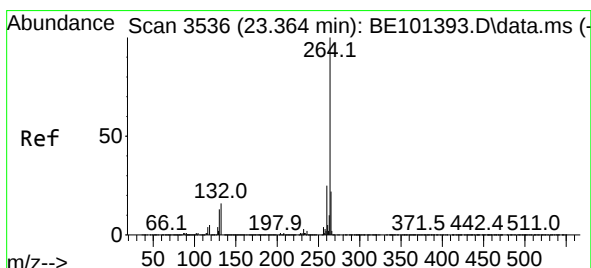
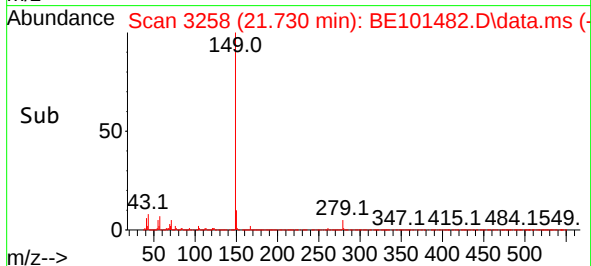
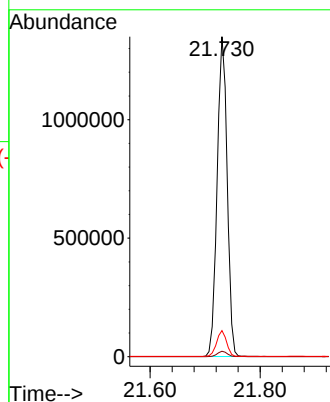
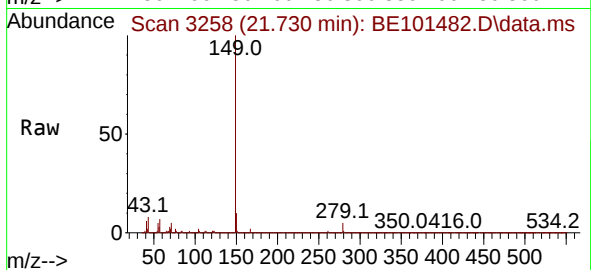
Tgt Ion:149 Resp: 1713935

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.0 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.370 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

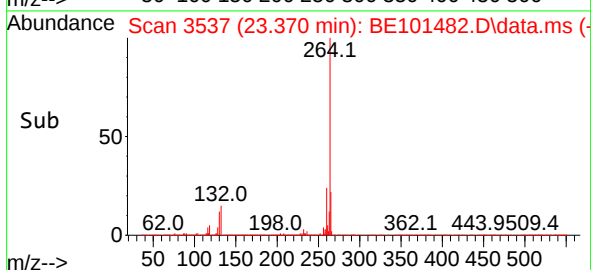
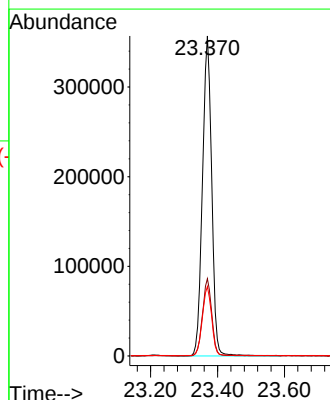
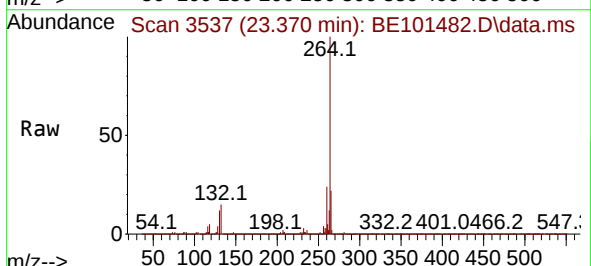
Tgt Ion:264 Resp: 687004

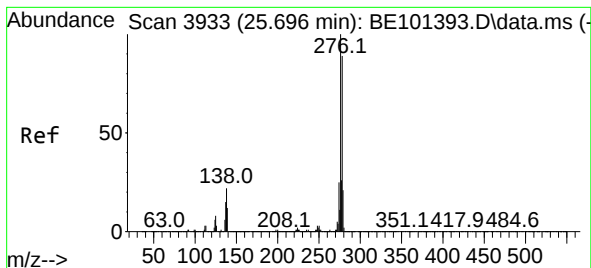
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.430 ng

RT: 25.714 min Scan# 3936

Delta R.T. 0.018 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

Instrument :

BNA_E

ClientSampleId :

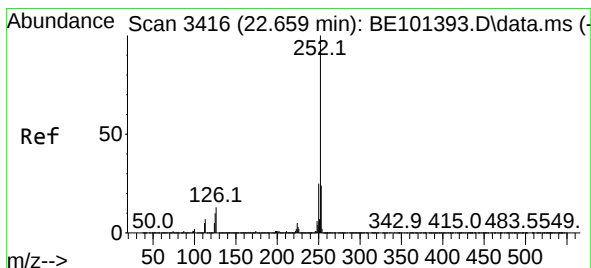
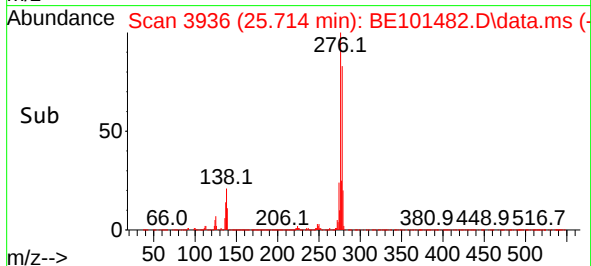
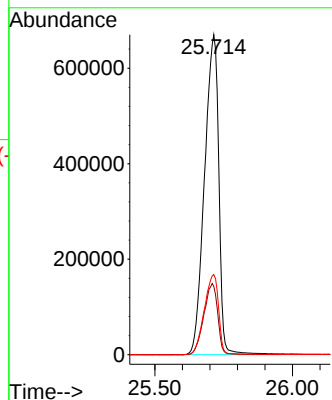
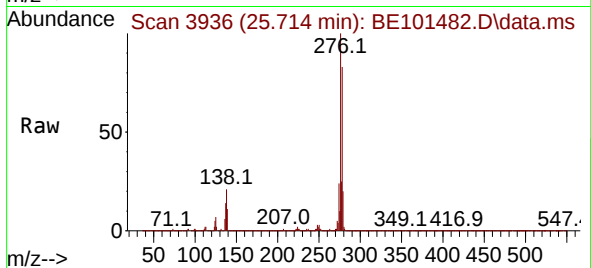
Tgt Ion:276 Resp: 2410594

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.8

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 49.140 ng

RT: 22.665 min Scan# 3417

Delta R.T. 0.006 min

Lab File: BE101482.D

Acq: 5 Nov 2024 16:52

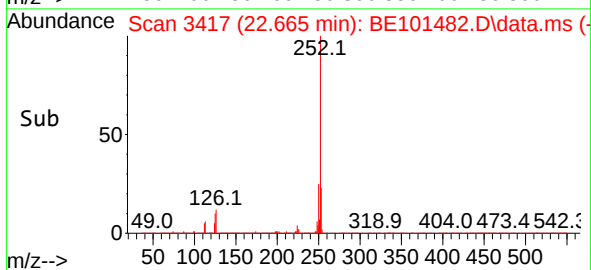
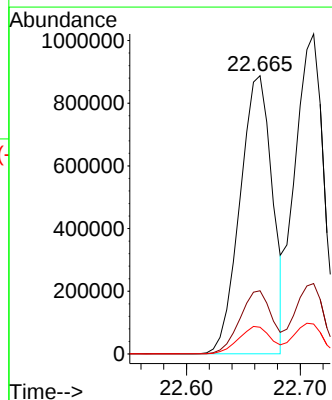
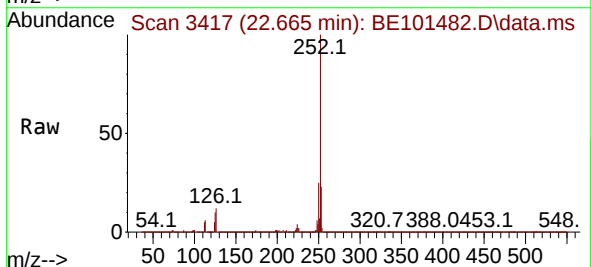
Tgt Ion:252 Resp: 1759337

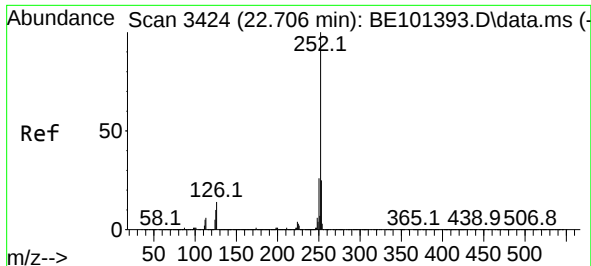
Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.6

125 9.6 8.2 12.2

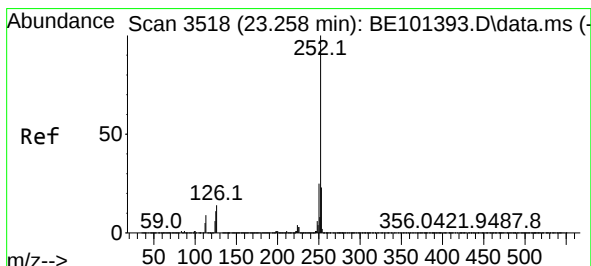
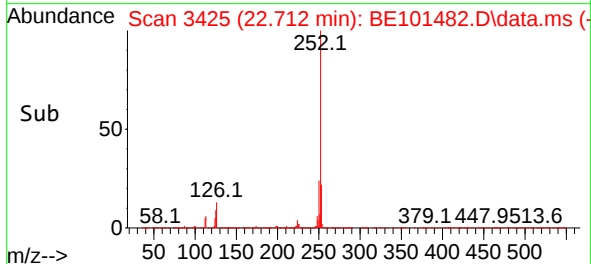
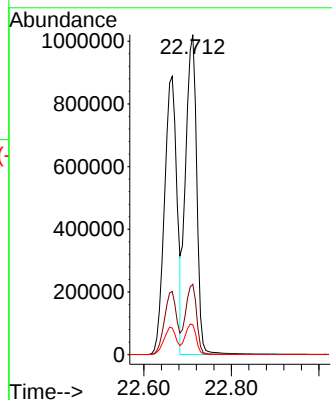
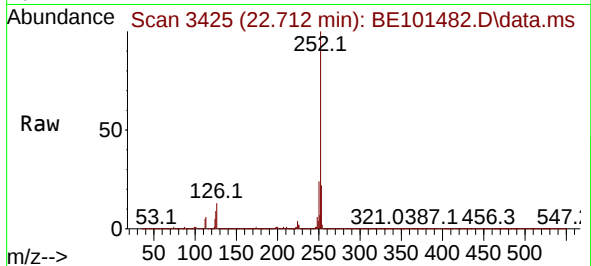




#89
Benzo(k)fluoranthene
Concen: 53.688 ng
RT: 22.712 min Scan# 34
Delta R.T. 0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

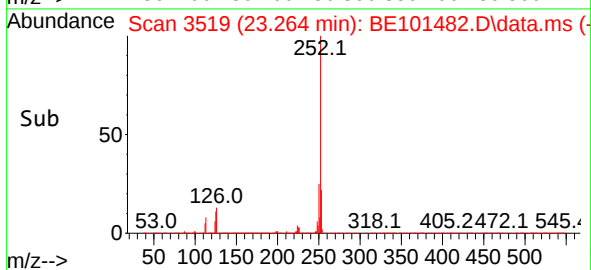
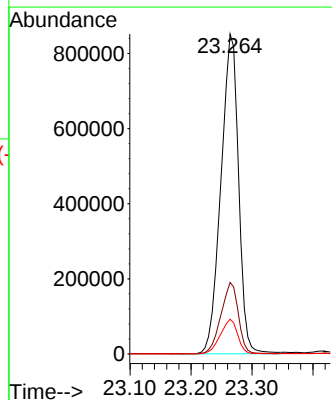
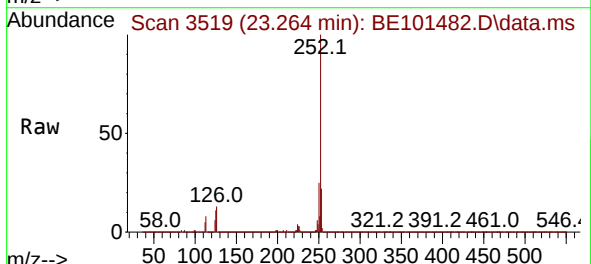
Instrument :
BNA_E
ClientSampleId :

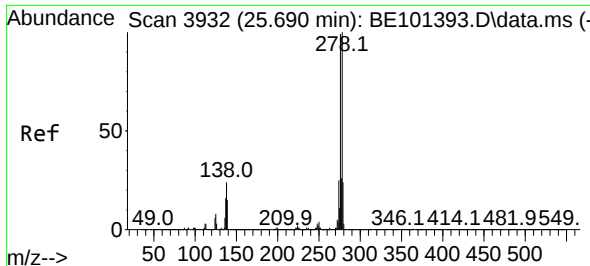
Tgt Ion:252 Resp: 1795794
Ion Ratio Lower Upper
252 100
253 22.0 19.4 29.2
125 9.4 8.2 12.2



#90
Benzo(a)pyrene
Concen: 54.608 ng
RT: 23.264 min Scan# 3519
Delta R.T. 0.006 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:252 Resp: 1709846
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 10.9 9.0 13.6

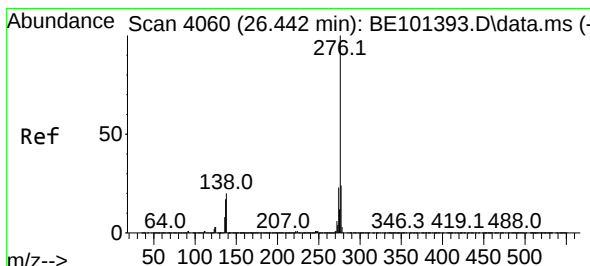
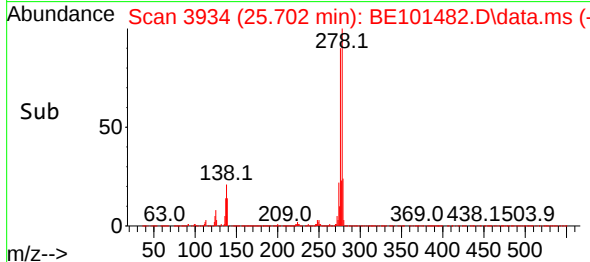
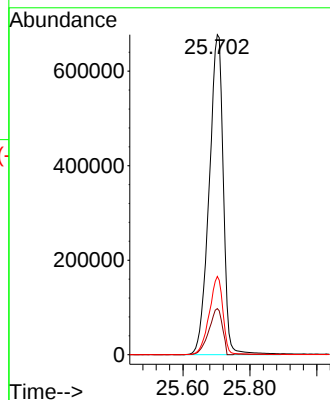
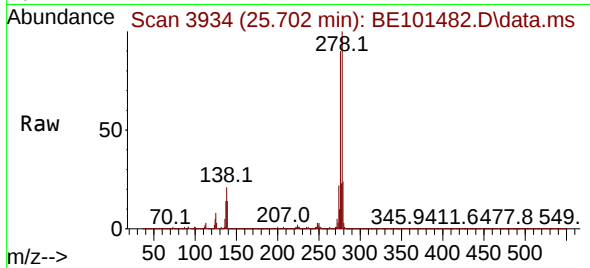




#91
Dibenzo(a,h)anthracene
Concen: 52.280 ng
RT: 25.702 min Scan# 3932
Delta R.T. 0.012 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 1986161
Ion Ratio Lower Upper
278 100
139 14.4 11.9 17.9
279 24.4 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 46.383 ng
RT: 26.460 min Scan# 4063
Delta R.T. 0.018 min
Lab File: BE101482.D
Acq: 5 Nov 2024 16:52

Tgt Ion:276 Resp: 1815619
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 19.0 15.8 23.6

