

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101428.D
 Acq On : 31 Oct 2024 12:09
 Operator : RC/JU
 Sample : PB164533BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164533BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 31 14:12:45 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	7.569	152	113034	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	526465	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	360052	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	812601	20.000	ng	0.00
76) Chrysene-d12	21.077	240	969385	20.000	ng	0.00
86) Perylene-d12	23.363	264	1285878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	994752	154.243	ng	0.00
7) Phenol-d6	6.947	99	1252408	140.050	ng	0.00
23) Nitrobenzene-d5	8.780	82	777696	92.782	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	876585	138.908	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2001748	94.154	ng	0.00
79) Terphenyl-d14	19.508	244	3640711	86.439	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	93716	38.961	ng	100
3) Pyridine	3.633	79	251245m	36.919	ng	
4) n-Nitrosodimethylamine	3.551	42	121055	45.974	ng	96
6) Aniline	7.011	93	425404	62.072	ng	99
8) 2-Chlorophenol	7.217	128	400854	51.822	ng	100
9) Benzaldehyde	6.782	77	49042	11.360	ng	96
10) Phenol	6.976	94	520219	53.615	ng	99
11) bis(2-Chloroethyl)ether	7.041	93	375829m	47.216	ng	
12) 1,3-Dichlorobenzene	7.458	146	376868	45.183	ng	99
13) 1,4-Dichlorobenzene	7.605	146	388628	45.627	ng	99
14) 1,2-Dichlorobenzene	7.934	146	379990	45.577	ng	100
15) Benzyl Alcohol	7.910	79	268752	50.418	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.069	45	486821	48.600	ng	100
17) 2-Methylphenol	8.151	107	327131	49.815	ng	99
18) Hexachloroethane	8.627	117	130778	47.017	ng	99
19) n-Nitroso-di-n-propyla...	8.374	70	281786	47.485	ng	99
20) 3+4-Methylphenols	8.492	107	448794	49.509	ng	99
22) Acetophenone	8.421	105	565499	47.307	ng	# 98
24) Nitrobenzene	8.821	77	411515	46.127	ng	100
25) Isophorone	9.273	82	770364	47.098	ng	99
26) 2-Nitrophenol	9.508	139	220857	51.220	ng	100
27) 2,4-Dimethylphenol	9.626	122	333518	61.468	ng	99
28) bis(2-Chloroethoxy)met...	9.773	93	479894	48.380	ng	99
29) 2,4-Dichlorophenol	10.055	162	390029	51.960	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	367626	44.957	ng	99
31) Naphthalene	10.390	128	1230580	45.869	ng	100
32) Benzoic acid	9.884	122	183326	35.439	ng	98
33) 4-Chloroaniline	10.613	127	324797	34.816	ng	98
34) Hexachlorobutadiene	10.636	225	222189	45.905	ng	100
35) Caprolactam	11.389	113	133210m	46.296	ng	
36) 4-Chloro-3-methylphenol	11.788	107	398618	46.640	ng	99
37) 2-Methylnaphthalene	11.976	142	902361	46.686	ng	99
38) 1-Methylnaphthalene	12.205	142	849167	44.020	ng	98
40) 1,2,4,5-Tetrachloroben...	12.334	216	435778	48.213	ng	99
41) Hexachlorocyclopentadiene	12.317	237	584394	195.771	ng	97
43) 2,4,6-Trichlorophenol	12.652	196	323171	51.865	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	356904	50.018	ng	98
46) 1,1'-Biphenyl	13.010	154	1175277	47.644	ng	100
47) 2-Chloronaphthalene	13.051	162	910845	46.737	ng	99
48) 2-Nitroaniline	13.386	65	272277	51.913	ng	96
49) Acenaphthylene	13.915	152	1493689	51.827	ng	99
50) Dimethylphthalate	13.686	163	1227602	48.302	ng	100
51) 2,6-Dinitrotoluene	13.821	165	273864	46.674	ng	99
52) Acenaphthene	14.244	154	903802	48.025	ng	99
53) 3-Nitroaniline	14.232	138	216452	37.098	ng	98
54) 2,4-Dinitrophenol	14.367	184	354149	84.597	ng	98
55) Dibenzofuran	14.585	168	1444875	48.170	ng	99
56) 4-Nitrophenol	14.655	139	560174	104.840	ng	98
57) 2,4-Dinitrotoluene	14.608	165	401525	49.705	ng	96
58) Fluorene	15.225	166	1190269	47.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.855	232	339421	51.484	ng	100
60) Diethylphthalate	15.014	149	1264805	47.579	ng	99
61) 4-Chlorophenyl-phenyle...	15.213	204	586167	47.075	ng	98
62) 4-Nitroaniline	15.419	138	306026	47.135	ng	99
63) Azobenzene	15.507	77	1109474	48.554	ng	99
65) 4,6-Dinitro-2-methylph...	15.349	198	235548	49.330	ng	99
66) n-Nitrosodiphenylamine	15.460	169	1070275	49.666	ng	100
67) 4-Bromophenyl-phenylether	16.095	248	407578	47.682	ng	99
68) Hexachlorobenzene	16.201	284	525219	46.877	ng	100
69) Atrazine	16.394	200	405310	61.350	ng	99
70) Pentachlorophenol	16.612	266	679935	105.427	ng	100
71) Phenanthrene	16.958	178	1946192	50.022	ng	99
72) Anthracene	17.047	178	2009903	52.906	ng	99
73) Carbazole	17.376	167	1907689	49.077	ng	99
74) Di-n-butylphthalate	17.822	149	2204042	51.505	ng	99
75) Fluoranthene	18.962	202	2305436	48.787	ng	99
77) Benzidine	19.215	184	1168127	94.946	ng	100
78) Pyrene	19.332	202	2476632	46.458	ng	99
80) Butylbenzylphthalate	20.184	149	1155552	49.446	ng	100
81) Benzo(a)anthracene	21.054	228	2718986	49.903	ng	99
82) 3,3'-Dichlorobenzidine	21.036	252	868485	40.690	ng	99
83) Chrysene	21.112	228	2584025	49.051	ng	99
84) Bis(2-ethylhexyl)phtha...	20.883	149	1640604	52.845	ng	100
85) Di-n-octyl phthalate	21.735	149	2812776	55.201	ng	100
87) Indeno(1,2,3-cd)pyrene	25.695	276	4395609	51.078	ng	100
88) Benzo(b)fluoranthene	22.658	252	3130767	46.720	ng	99
89) Benzo(k)fluoranthene	22.705	252	3200047	51.114	ng	98
90) Benzo(a)pyrene	23.257	252	3077320	52.509	ng	99
91) Dibenzo(a,h)anthracene	25.689	278	3625997	50.992	ng	99
92) Benzo(g,h,i)perylene	26.441	276	3342524	45.621	ng	100

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

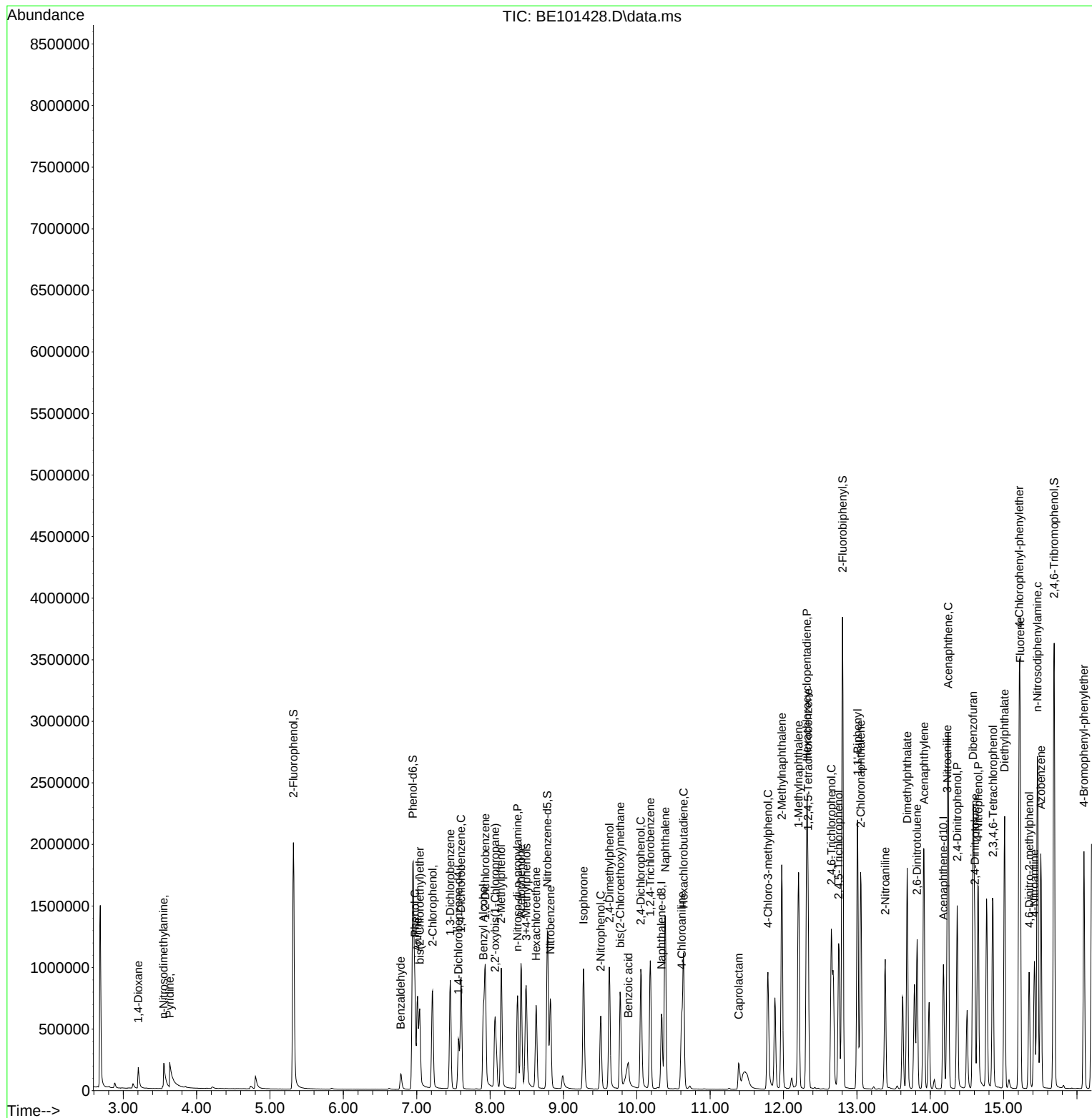
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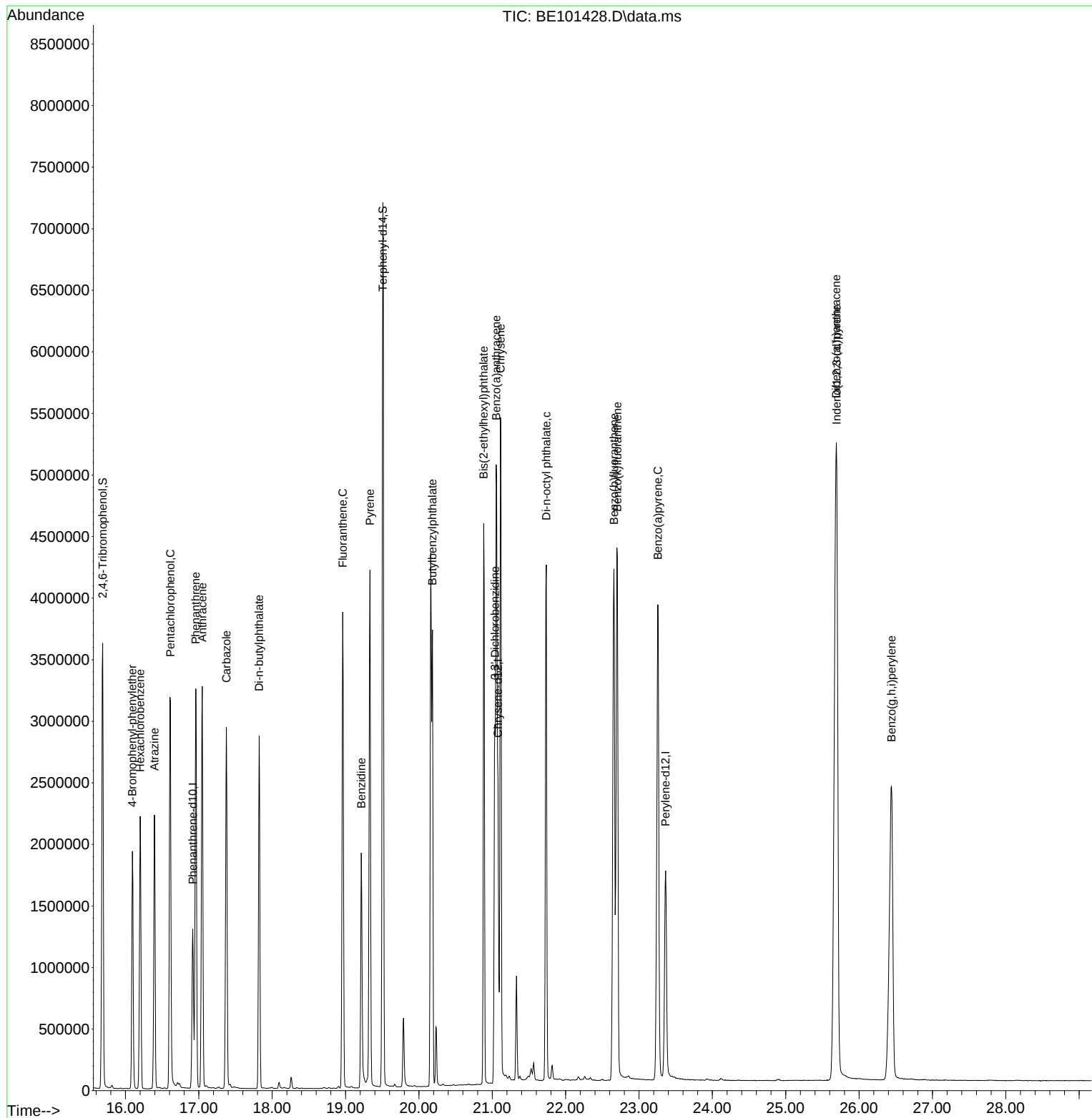
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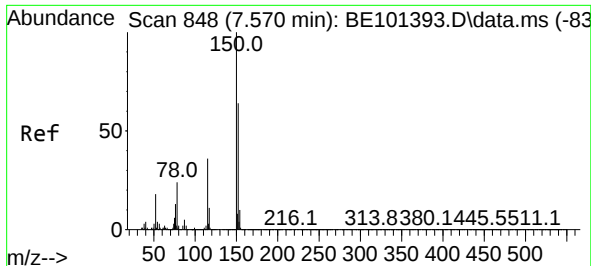
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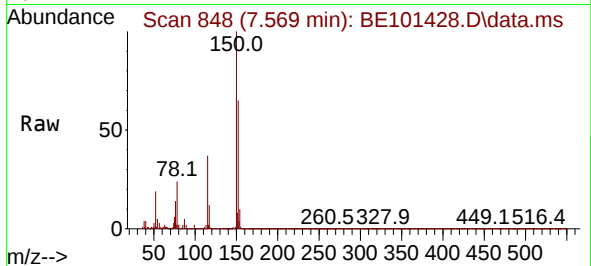
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101428.D
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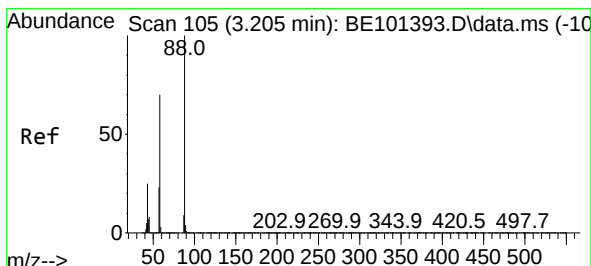
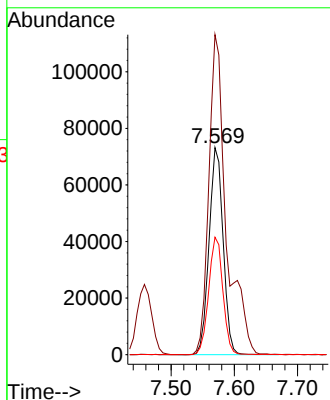
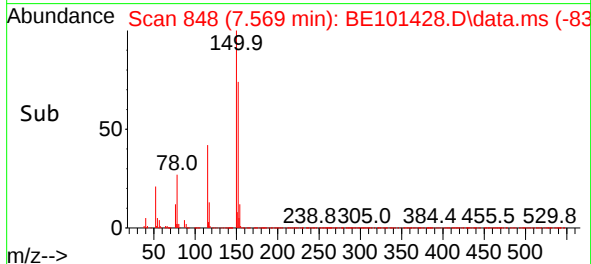
Instrument :
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ClientSampleId :
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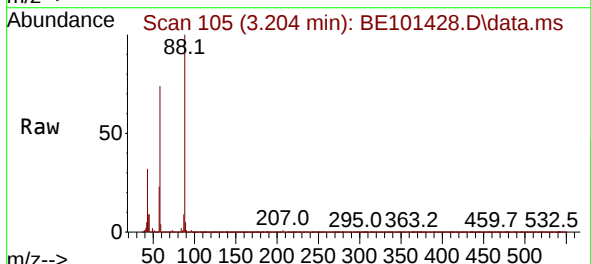
Tgt Ion:152 Resp: 113034
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.4
115 56.7 45.3 67.9

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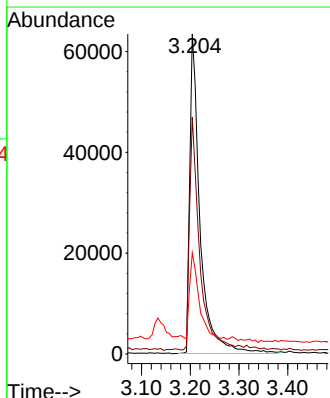
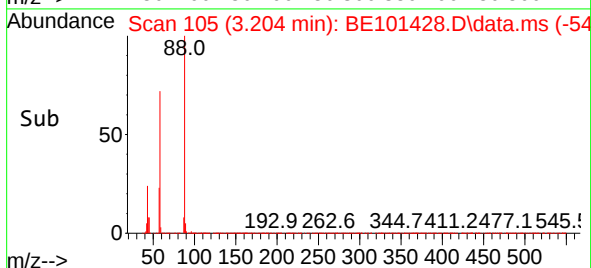
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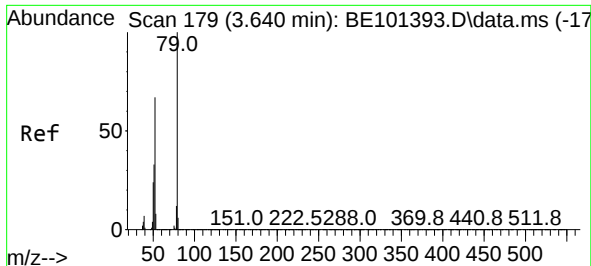


#2
1,4-Dioxane
Concen: 38.961 ng
RT: 3.204 min Scan# 105
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09



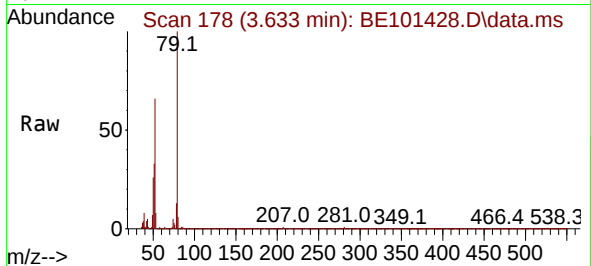
Tgt Ion: 88 Resp: 93716
Ion Ratio Lower Upper
88 100
58 70.6 56.5 84.7
43 24.8 19.8 29.8





#3
Pyridine
Concen: 36.919 ng m
RT: 3.633 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

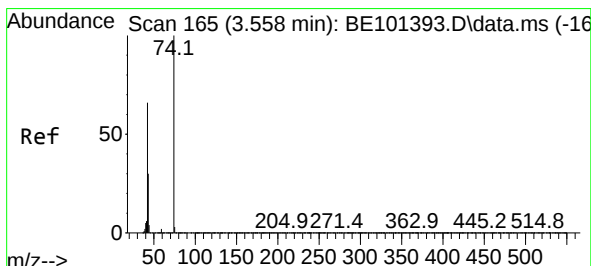
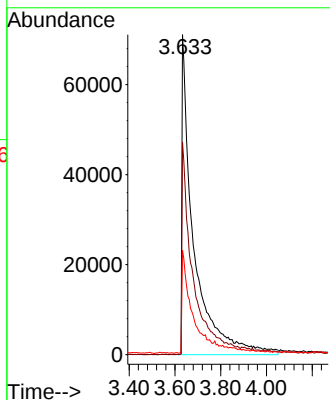
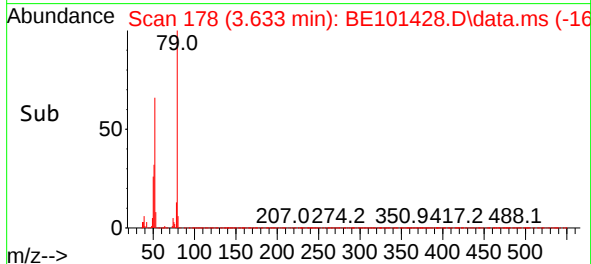
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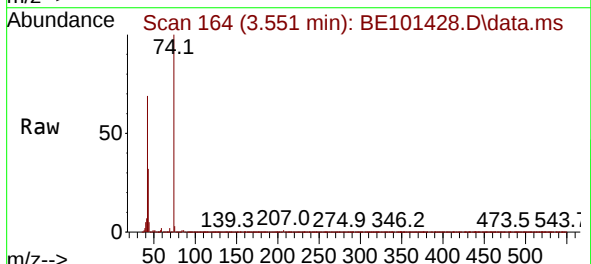
Tgt Ion: 79 Resp: 25124
Ion Ratio Lower Upper
79 100
52 66.4 53.3 79.9
51 32.6 27.3 40.9

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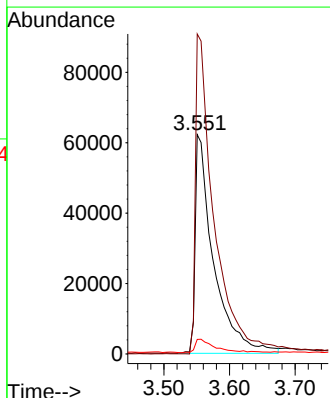
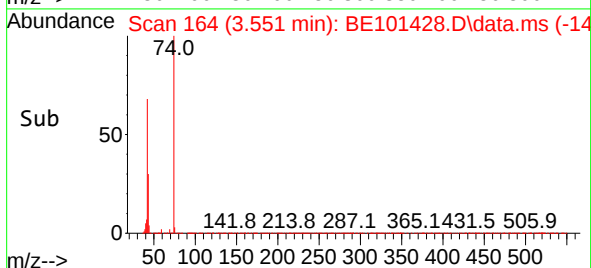
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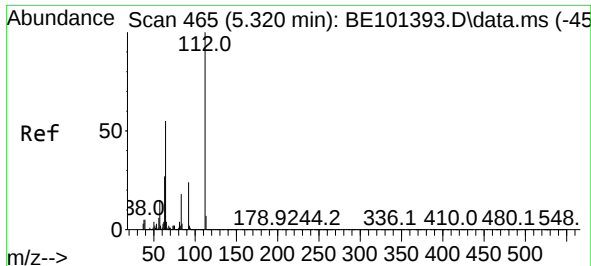


#4
n-Nitrosodimethylamine
Concen: 45.974 ng
RT: 3.551 min Scan# 164
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09



Tgt Ion: 42 Resp: 121055
Ion Ratio Lower Upper
42 100
74 145.9 121.4 182.0
44 6.6 5.6 8.4





#5
2-Fluorophenol
Concen: 154.243 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

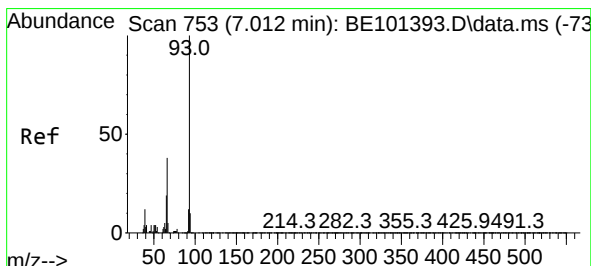
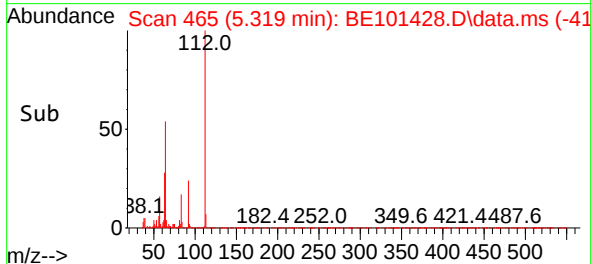
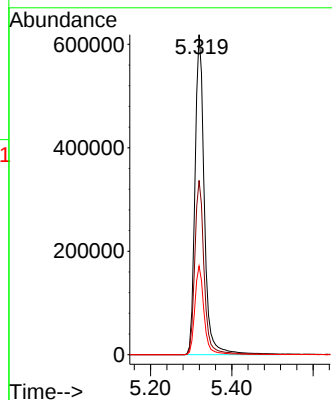
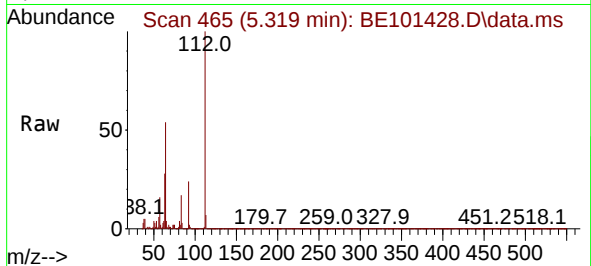
ClientSampleId :

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Tgt Ion:112 Resp: 994752
Ion Ratio Lower Upper
112 100
64 54.5 43.7 65.5
63 27.7 21.4 32.2

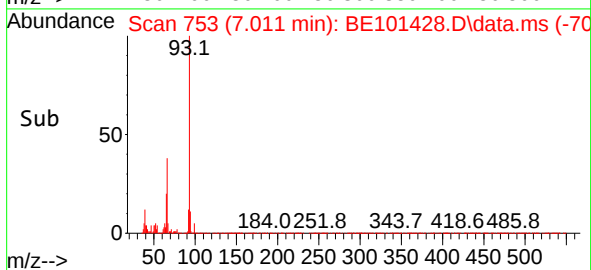
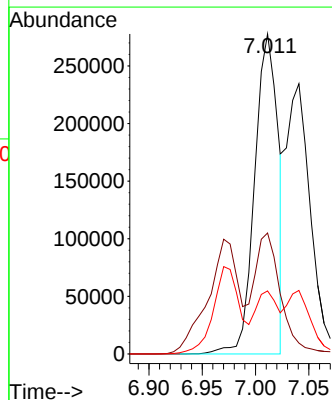
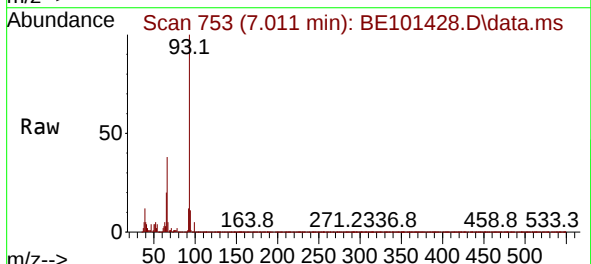
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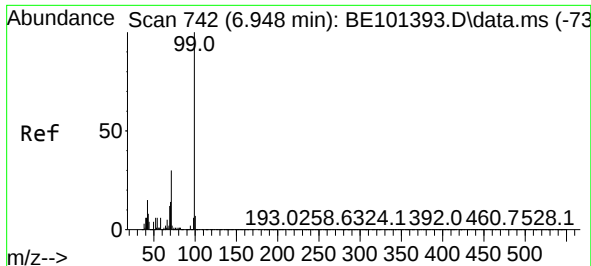
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#6
Aniline
Concen: 62.072 ng
RT: 7.011 min Scan# 753
Delta R.T. -0.001 min
Lab File: BE101428.D
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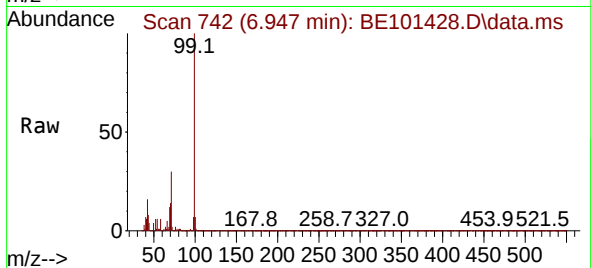
Tgt Ion: 93 Resp: 425404
Ion Ratio Lower Upper
93 100
66 37.8 31.0 46.4
65 19.7 15.5 23.3





#7
Phenol-d6
Concen: 140.050 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
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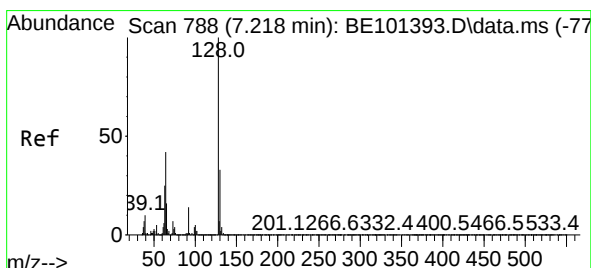
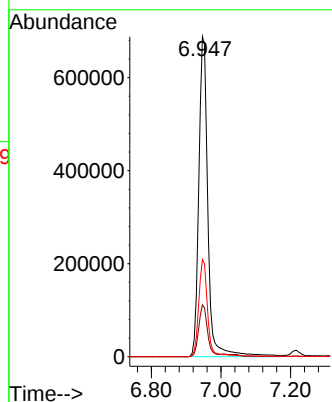
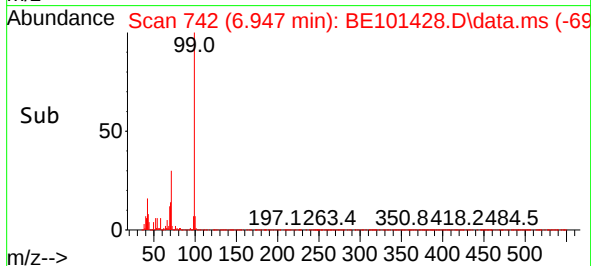
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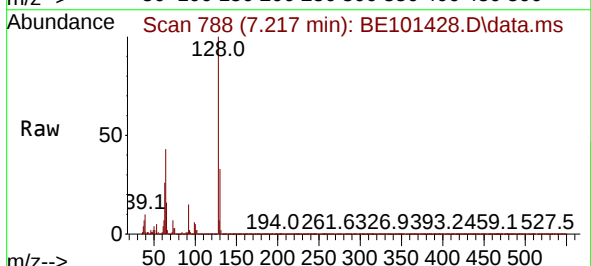
Tgt Ion: 99 Resp: 1252408
Ion Ratio Lower Upper
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42 16.2 12.3 18.5
71 30.4 23.8 35.8

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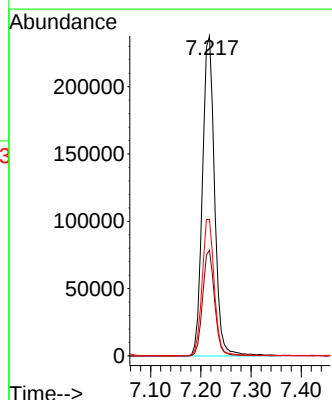
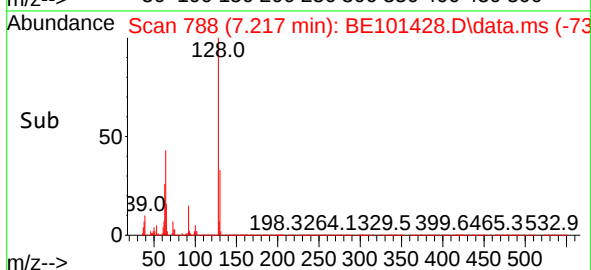
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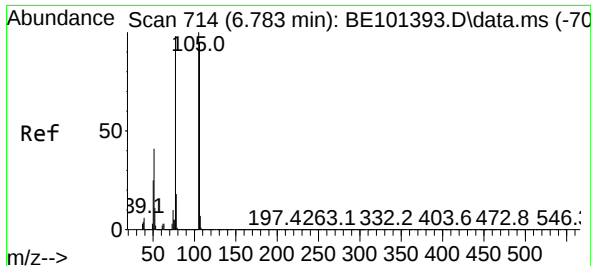


#8
2-Chlorophenol
Concen: 51.822 ng
RT: 7.217 min Scan# 788
Delta R.T. -0.001 min
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Tgt Ion:128 Resp: 400854
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 42.7 22.3 62.3





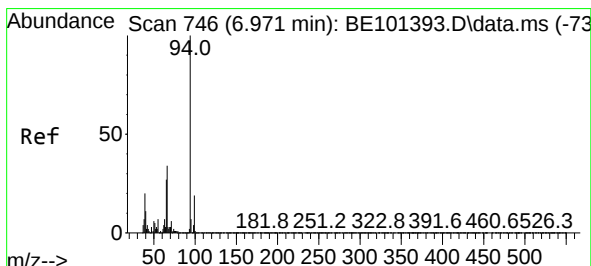
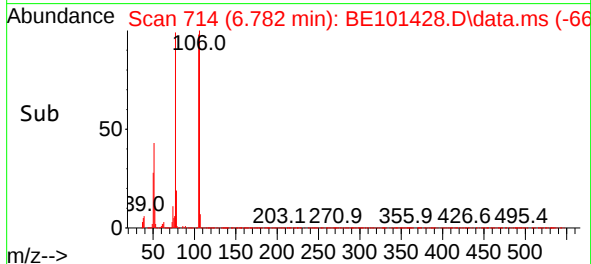
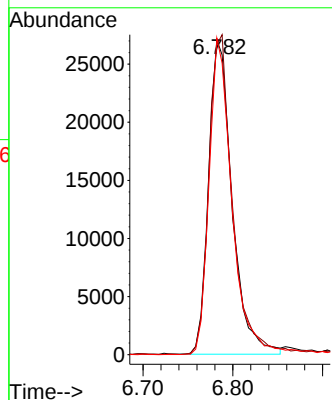
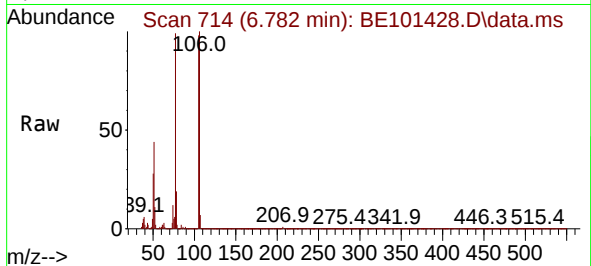
#9
Benzaldehyde
Concen: 11.360 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164533BSD

Tgt Ion: 77 Resp: 4904
Ion Ratio Lower Upper
77 100
105 98.4 81.9 121.9
106 100.5 76.5 116.5

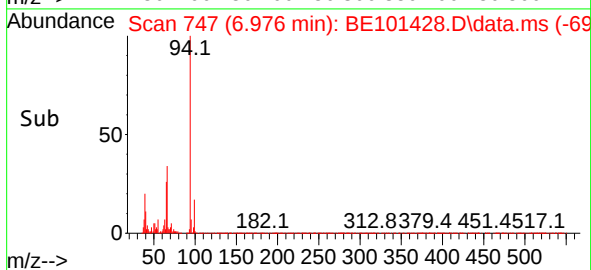
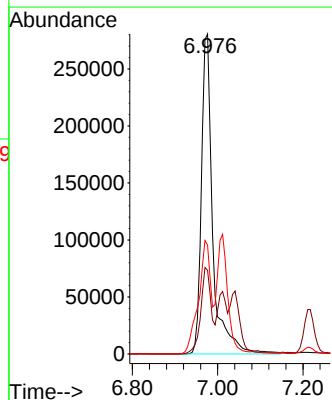
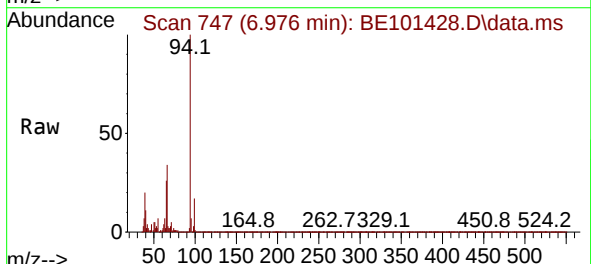
Manual Integrations
APPROVED

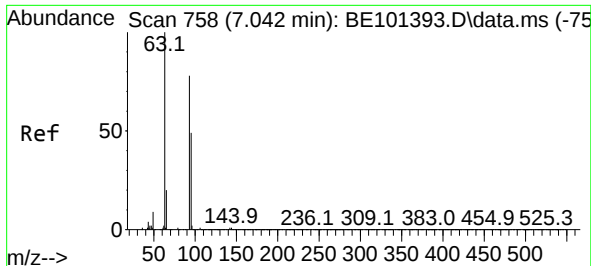
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 53.615 ng
RT: 6.976 min Scan# 747
Delta R.T. 0.005 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

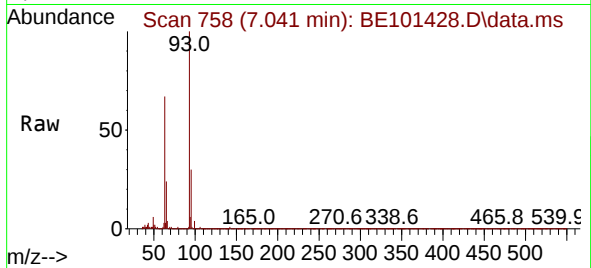
Tgt Ion: 94 Resp: 520219
Ion Ratio Lower Upper
94 100
65 26.1 6.8 46.8
66 34.0 14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 47.216 ng m
RT: 7.041 min Scan# 7
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

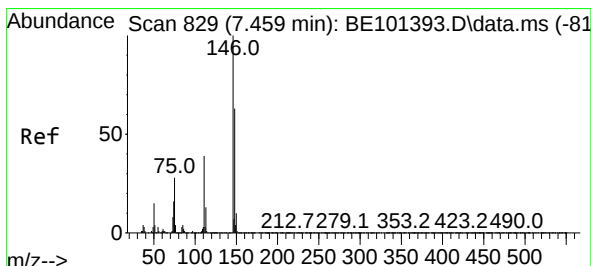
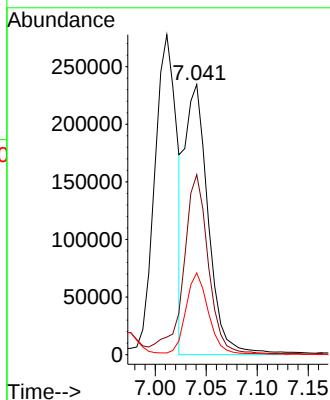
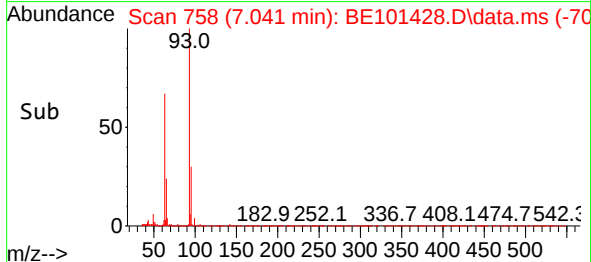
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion: 93 Resp: 375829
Ion Ratio Lower Upper
93 100
63 66.6 46.3 86.3
95 30.3 9.6 49.6

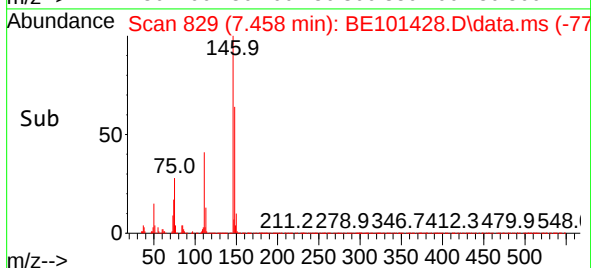
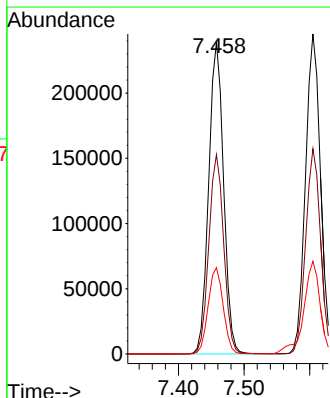
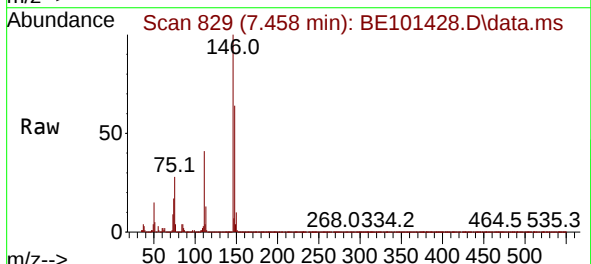
Manual Integrations
APPROVED

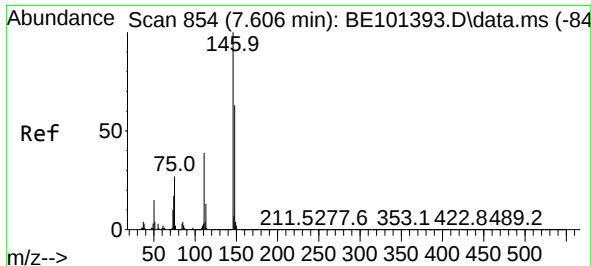
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 45.183 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:146 Resp: 376868
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 27.6 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 45.627 ng

RT: 7.605 min Scan# 854

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

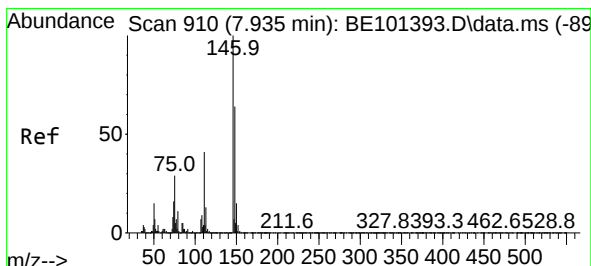
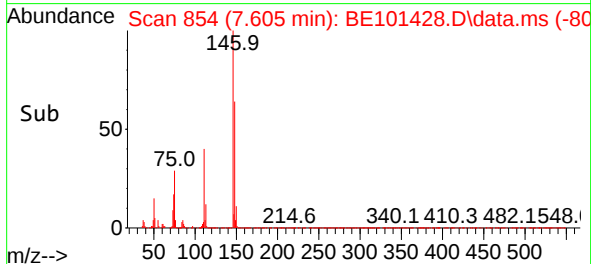
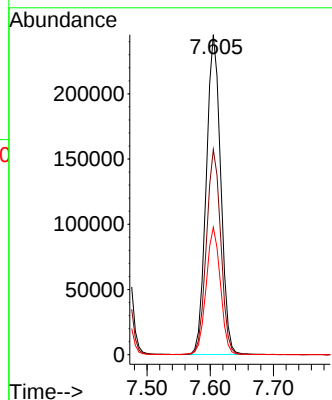
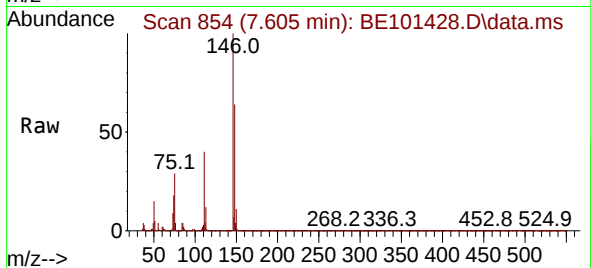
PB164533BSD

Tgt Ion:146 Resp: 388628
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.2 75.2
 111 39.8 31.6 47.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#14

1,2-Dichlorobenzene

Concen: 45.577 ng

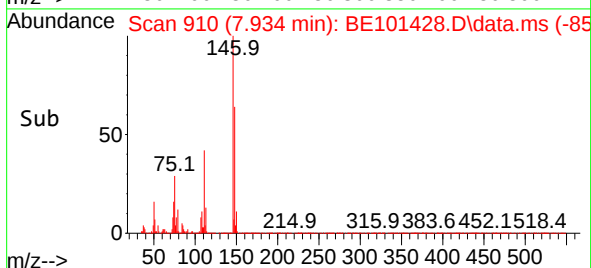
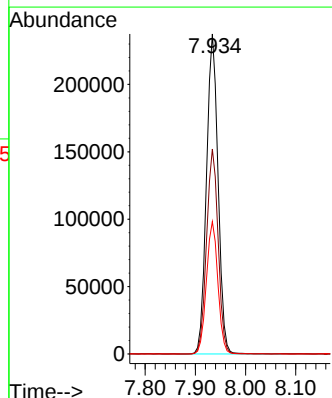
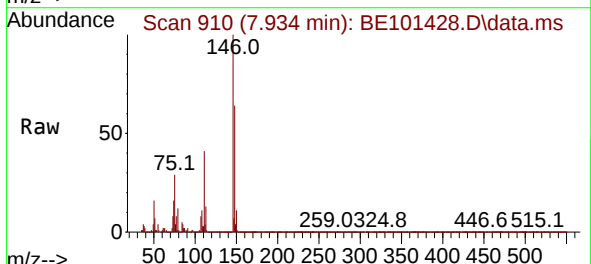
RT: 7.934 min Scan# 910

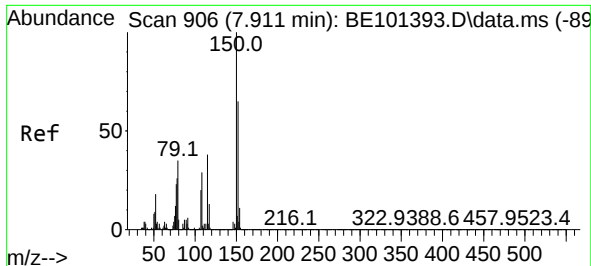
Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

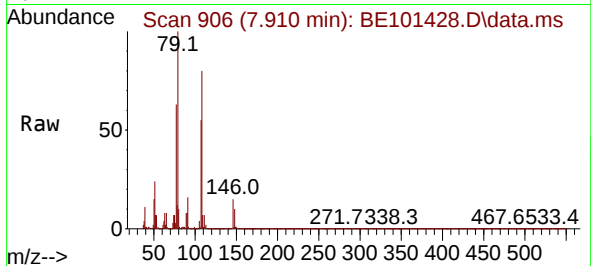
Tgt Ion:146 Resp: 379990
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 111 41.3 32.8 49.2





#15
Benzyl Alcohol
Concen: 50.418 ng
RT: 7.910 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

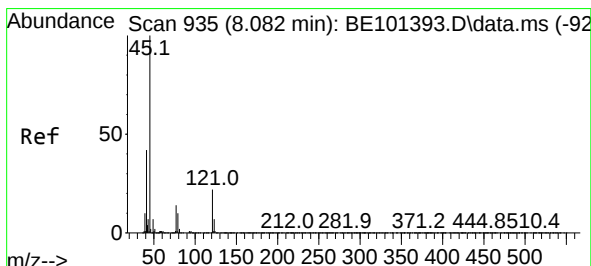
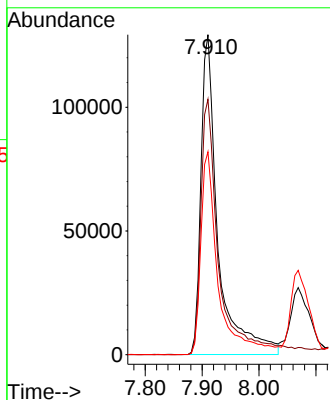
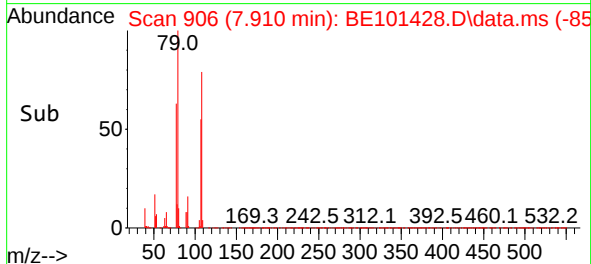
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion: 79 Resp: 268752
Ion Ratio Lower Upper
79 100
108 79.8 66.1 99.1
77 63.4 53.1 79.7

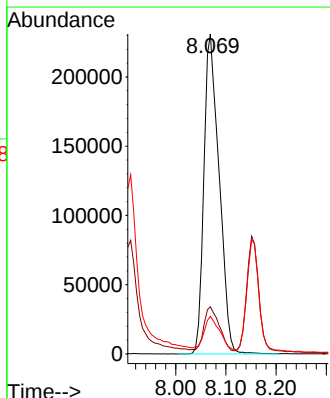
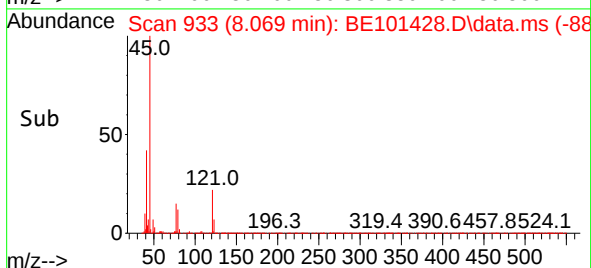
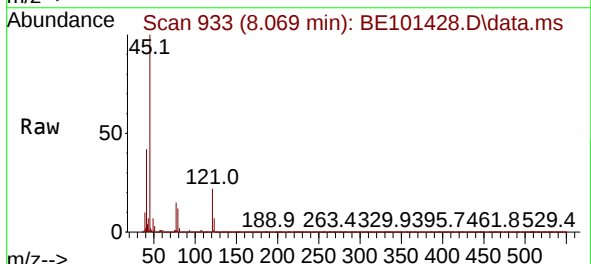
Manual Integrations
APPROVED

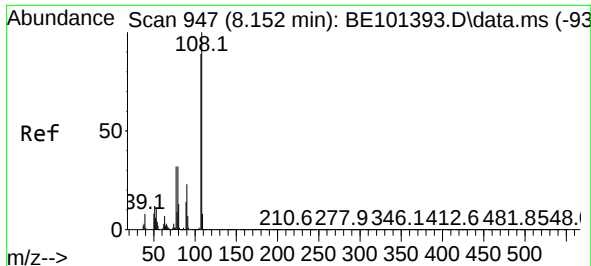
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.600 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.013 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion: 45 Resp: 486821
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.5
79 11.7 0.0 31.8





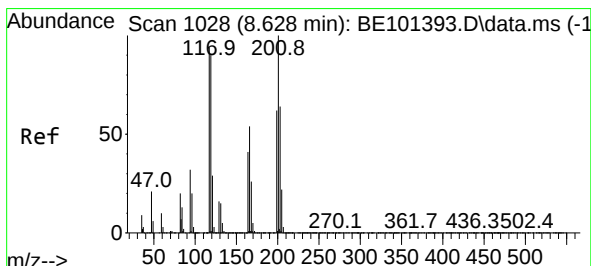
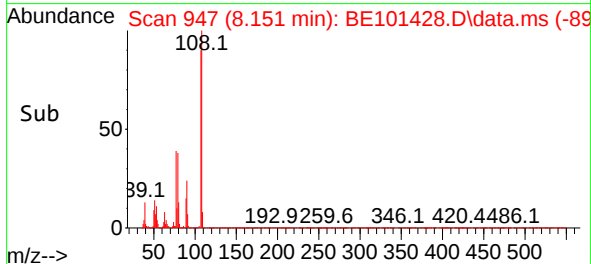
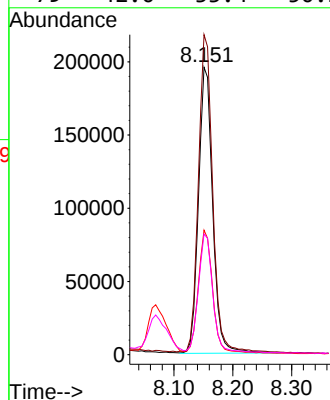
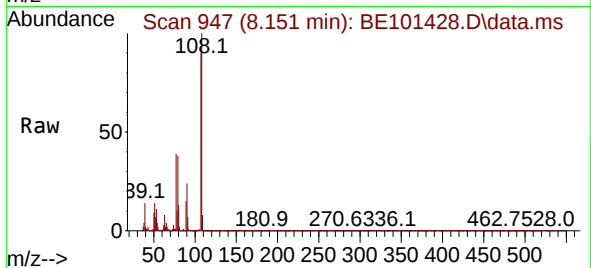
#17
2-Methylphenol
Concen: 49.815 ng
RT: 8.151 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164533BSD

Tgt Ion:	107	Resp:	32713
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.0	135.0
77	43.3	34.2	51.4
79	42.0	33.4	50.2

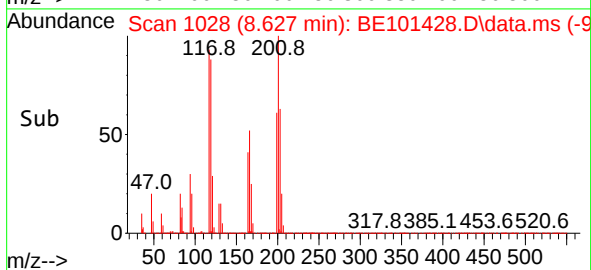
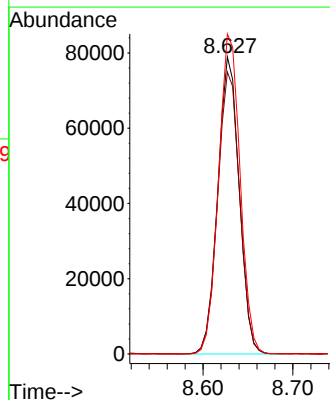
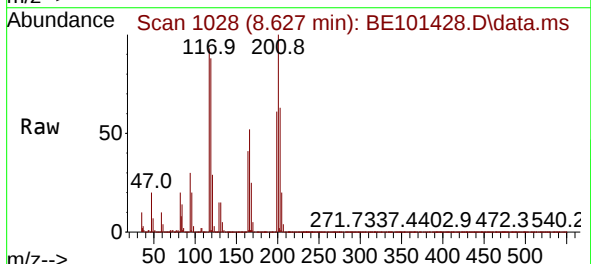
Manual Integrations
APPROVED

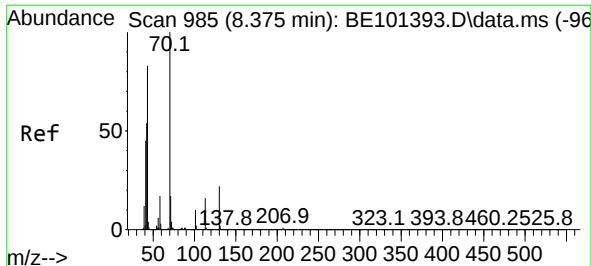
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 47.017 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

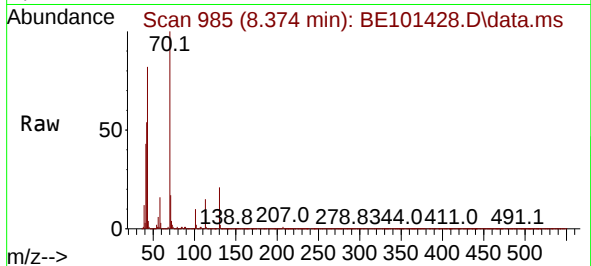
Tgt Ion:	117	Resp:	130778
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.0	115.4
201	107.8	85.3	127.9





#19
n-Nitroso-di-n-propylamine
Concen: 47.485 ng
RT: 8.374 min Scan# 985
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

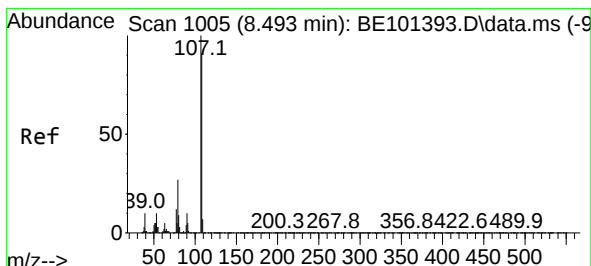
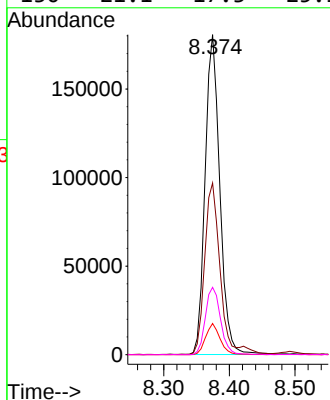
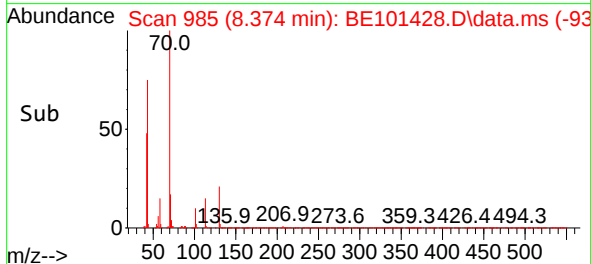
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



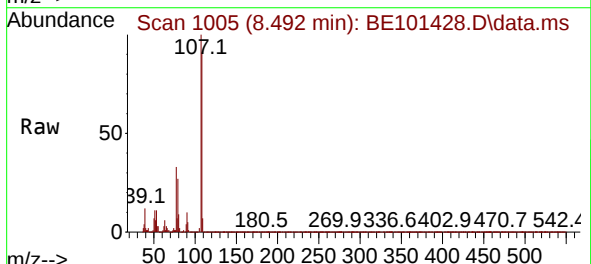
Tgt Ion: 70 Resp: 281780
Ion Ratio Lower Upper
70 100
42 53.6 43.4 65.0
101 9.7 8.1 12.1
130 21.1 17.3 25.9

Manual Integrations
APPROVED

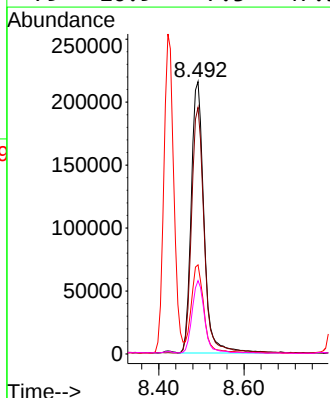
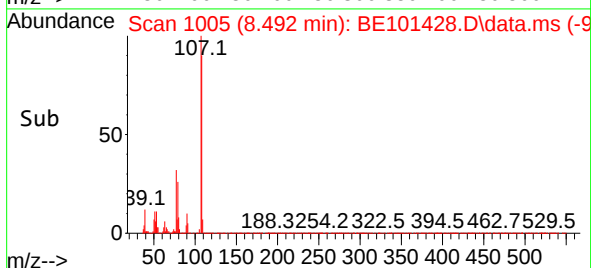
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

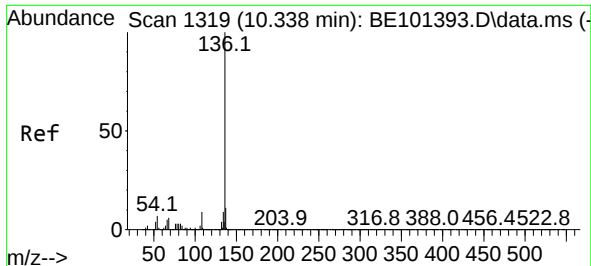


#20
3+4-Methylphenols
Concen: 49.509 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09



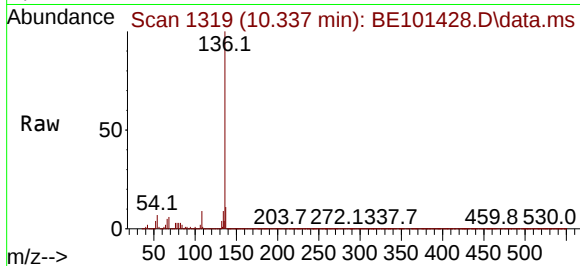
Tgt Ion:107 Resp: 448794
Ion Ratio Lower Upper
107 100
108 90.5 70.6 110.6
77 32.7 11.3 51.3
79 26.9 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

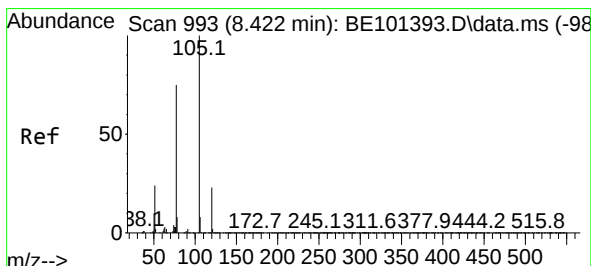
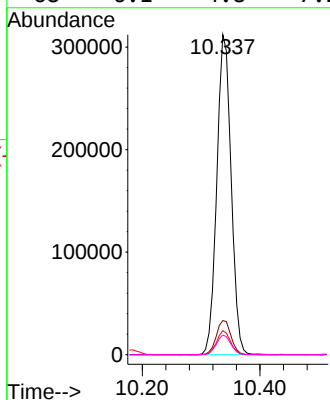
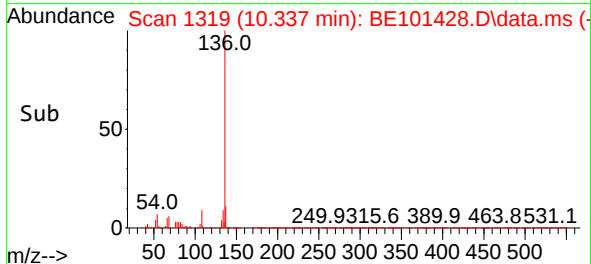
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion:136 Resp: 526468
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 7.5 5.9 8.9
68 6.1 4.8 7.2

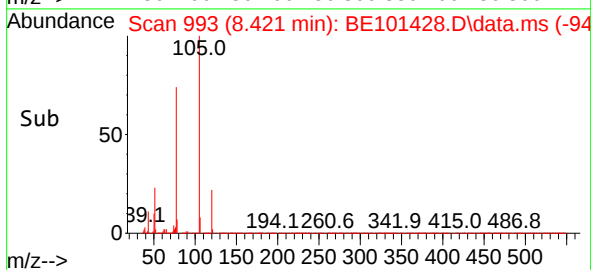
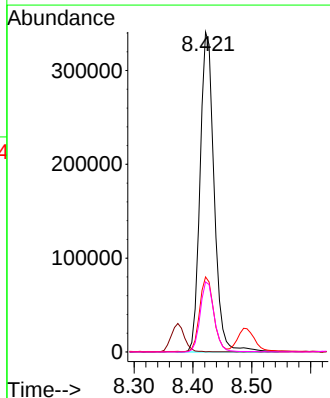
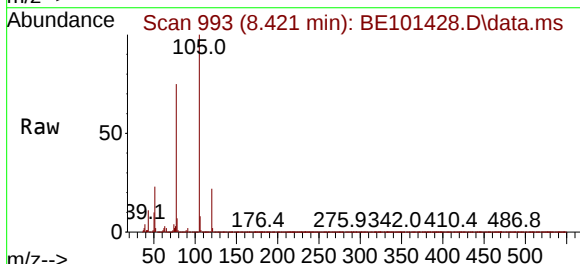
Manual Integrations
APPROVED

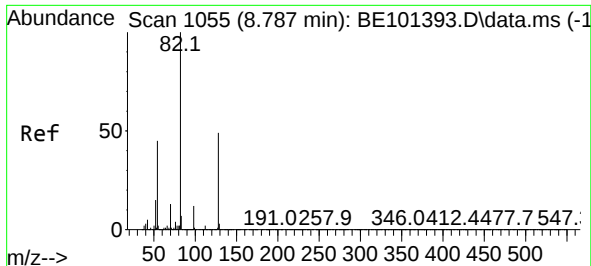
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 47.307 ng
RT: 8.421 min Scan# 993
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:105 Resp: 565499
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 23.4 19.4 29.0
120 21.9 18.4 27.6





#23
Nitrobenzene-d5
Concen: 92.782 ng
RT: 8.780 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

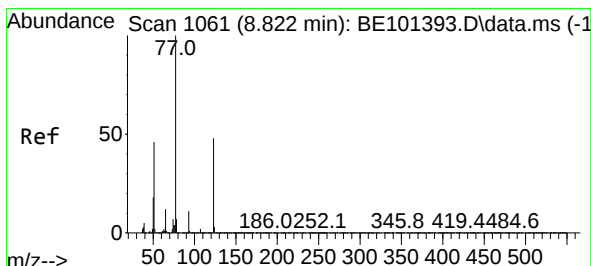
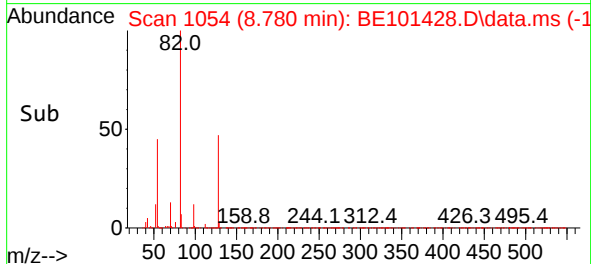
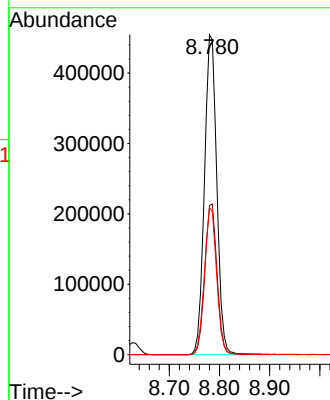
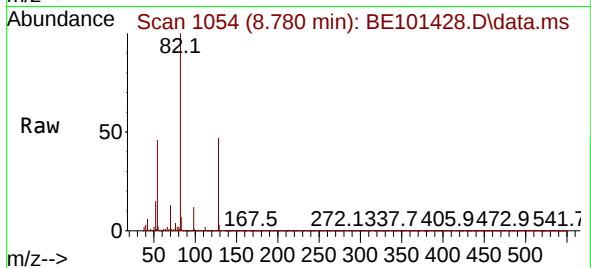
Tgt Ion: 82 Resp: 777690
Ion Ratio Lower Upper
82 100
128 46.7 38.9 58.3
54 45.9 36.2 54.4

Manual Integrations

APPROVED

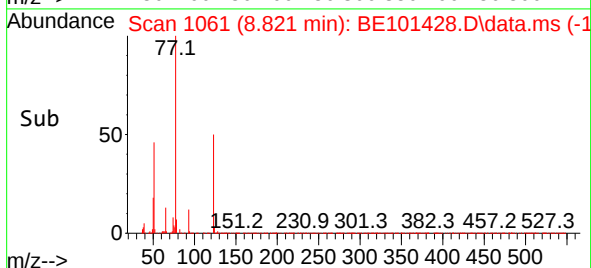
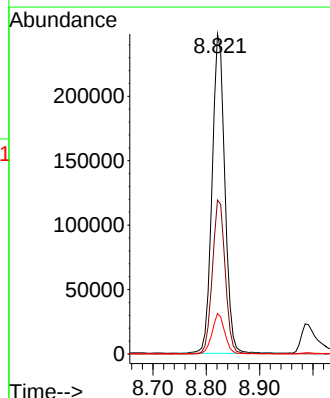
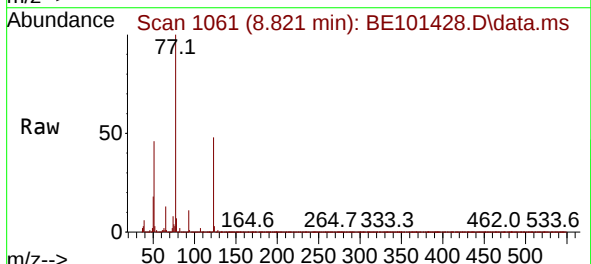
Reviewed By :Yogesh Patel 11/04/2024

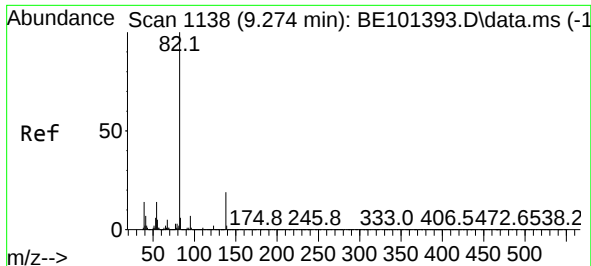
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 46.127 ng
RT: 8.821 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

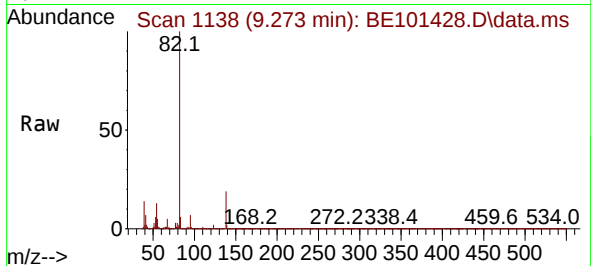
Tgt Ion: 77 Resp: 411515
Ion Ratio Lower Upper
77 100
123 48.1 38.7 58.1
65 12.6 10.0 15.0





#25
Isophorone
Concen: 47.098 ng
RT: 9.273 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

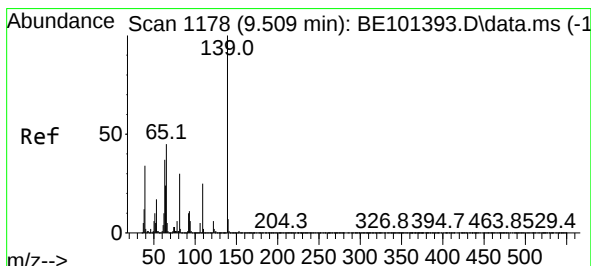
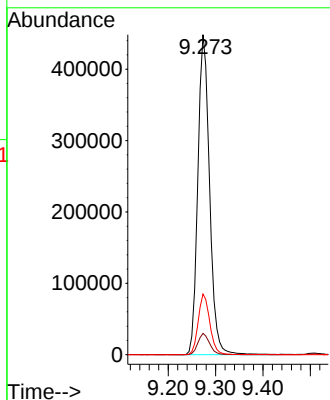
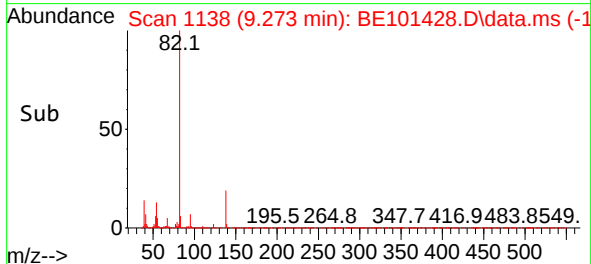
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion: 82 Resp: 770364
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 19.0 15.0 22.4

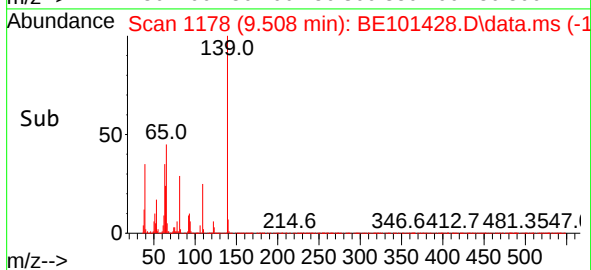
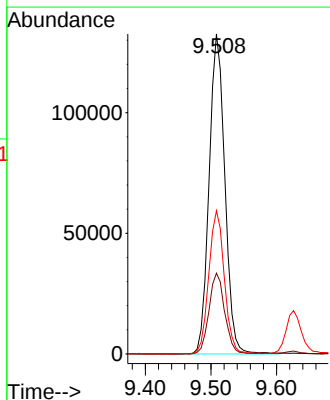
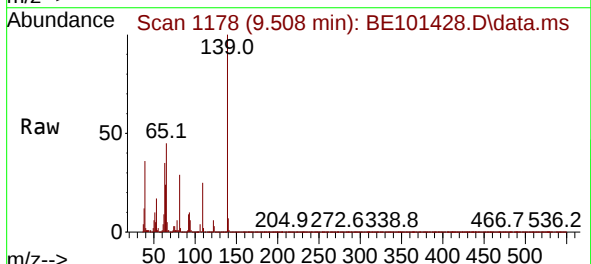
Manual Integrations
APPROVED

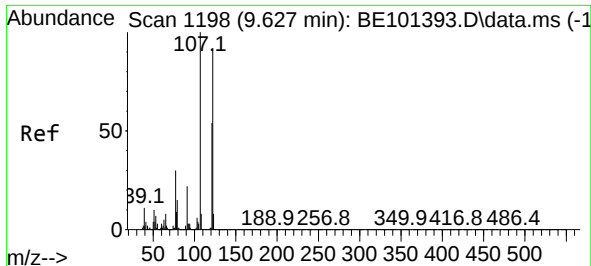
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 51.220 ng
RT: 9.508 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:139 Resp: 220857
Ion Ratio Lower Upper
139 100
109 25.2 20.1 30.1
65 44.8 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 61.468 ng

RT: 9.626 min Scan# 1198

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

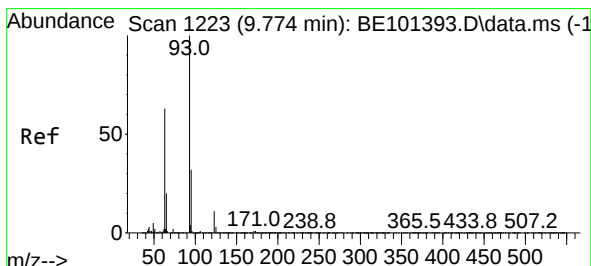
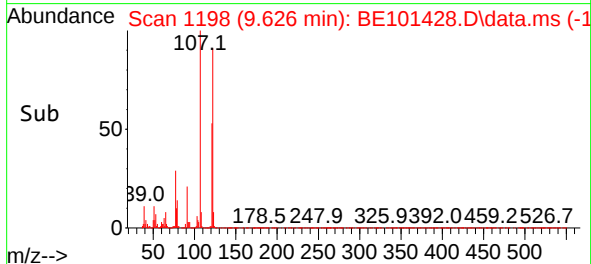
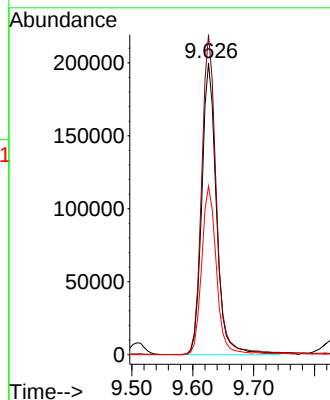
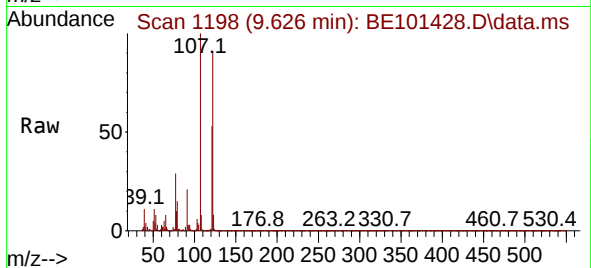
Tgt Ion:	122	Resp:	333518
Ion	Ratio	Lower	Upper
122	100		
107	109.7	87.4	131.0
121	57.8	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.380 ng

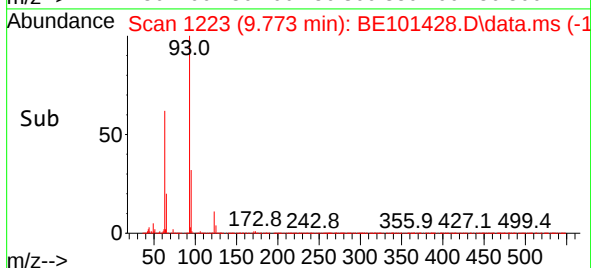
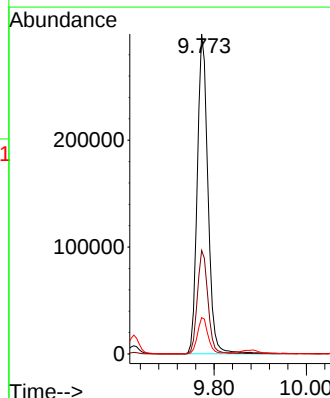
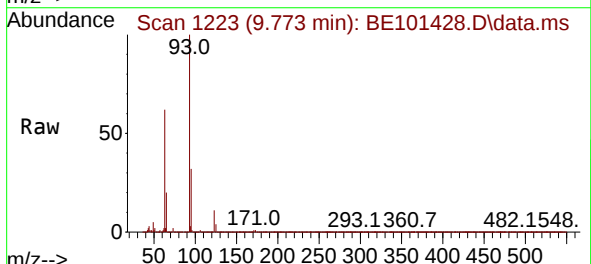
RT: 9.773 min Scan# 1223

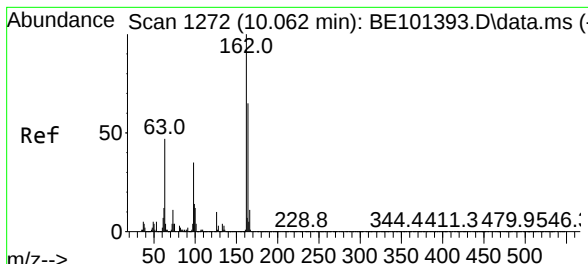
Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Tgt Ion:	93	Resp:	479894
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.3	8.6	13.0





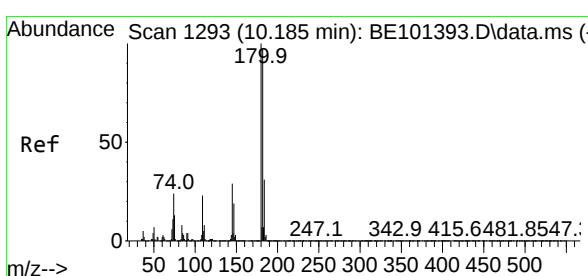
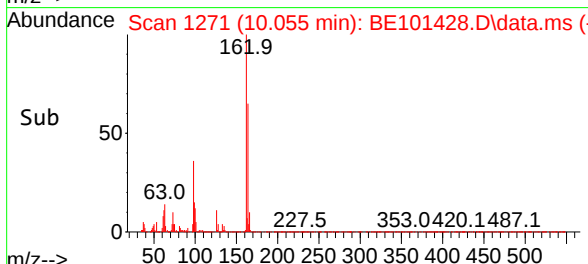
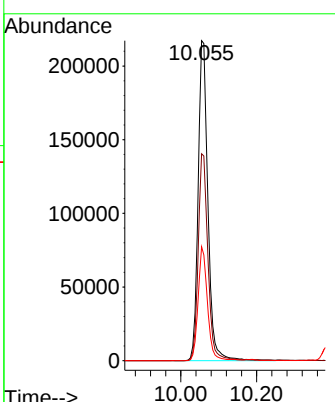
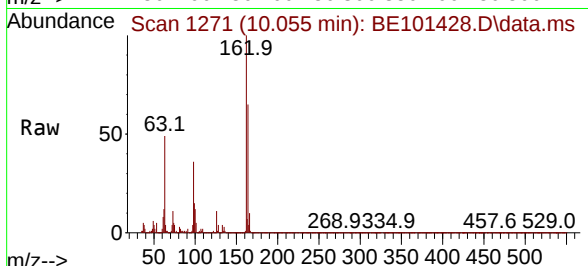
#29
2,4-Dichlorophenol
Concen: 51.960 ng
RT: 10.055 min Scan# 1271
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument : BNA_E
ClientSampleId : PB164533BSD

Tgt Ion:162 Resp: 390029

Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.4	85.4
98	35.6	14.5	54.5

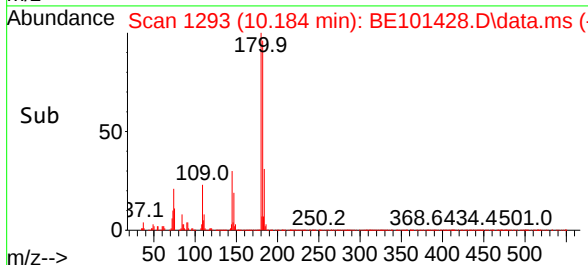
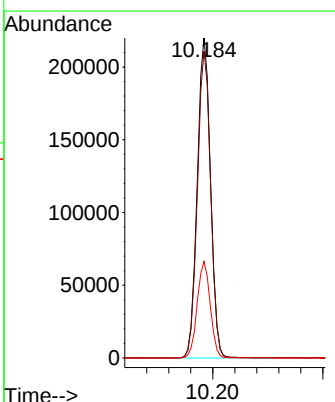
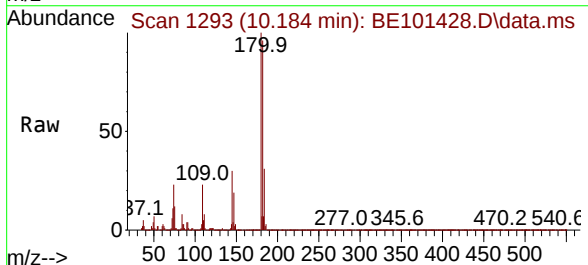
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

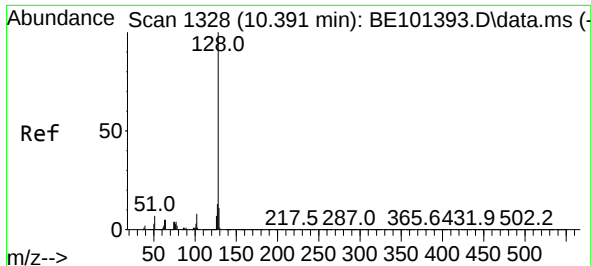


#30
1,2,4-Trichlorobenzene
Concen: 44.957 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:180 Resp: 367626

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.4	116.0
145	30.2	23.3	34.9





#31
Naphthalene
Concen: 45.869 ng
RT: 10.390 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

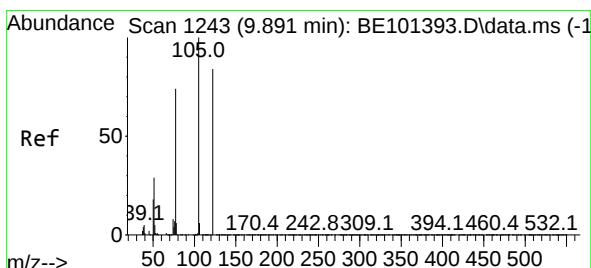
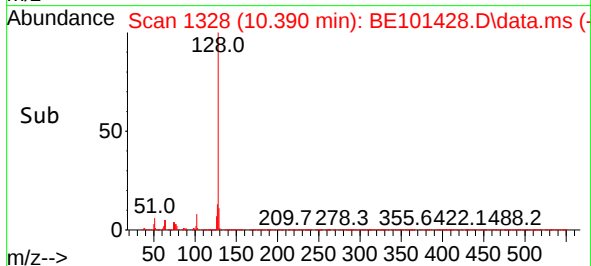
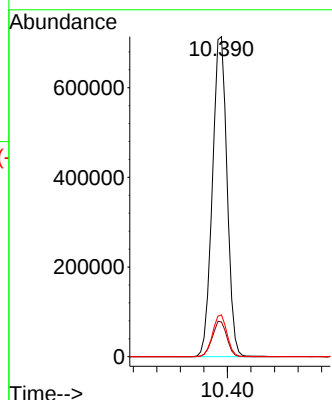
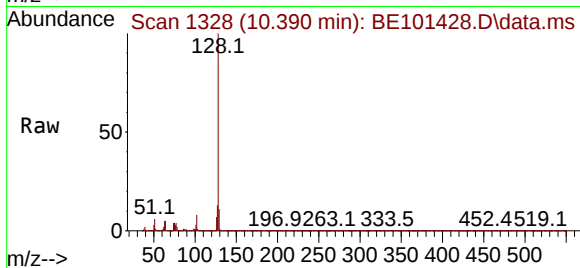
Tgt Ion:128 Resp: 1230580
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.3 15.5

Manual Integrations

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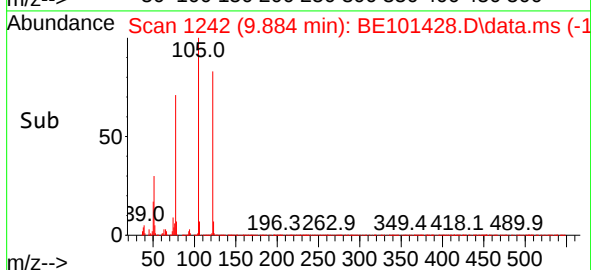
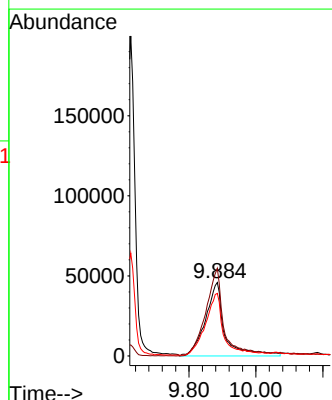
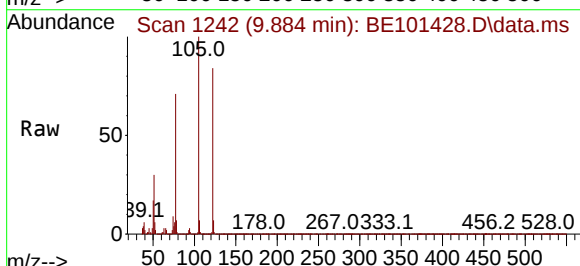
Reviewed By :Yogesh Patel 11/04/2024

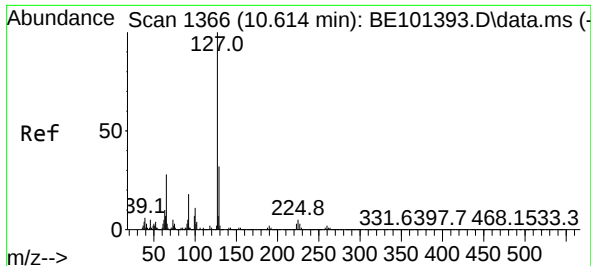
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 35.439 ng
RT: 9.884 min Scan# 1242
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:122 Resp: 183326
Ion Ratio Lower Upper
122 100
105 119.5 97.9 137.9
77 85.2 68.1 108.1





#33
4-Chloroaniline
Concen: 34.816 ng
RT: 10.613 min Scan# 1366
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

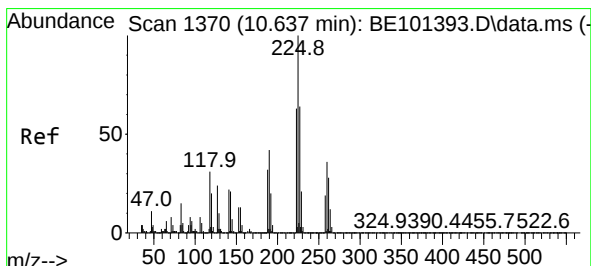
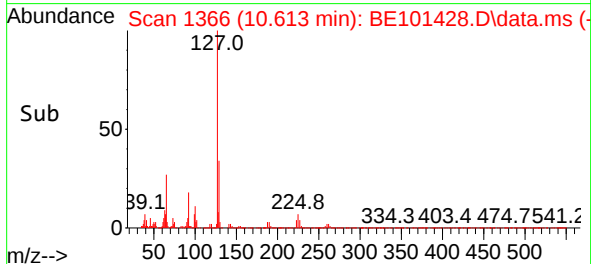
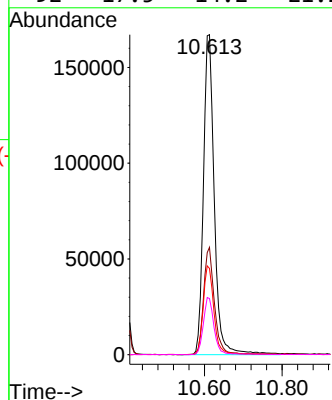
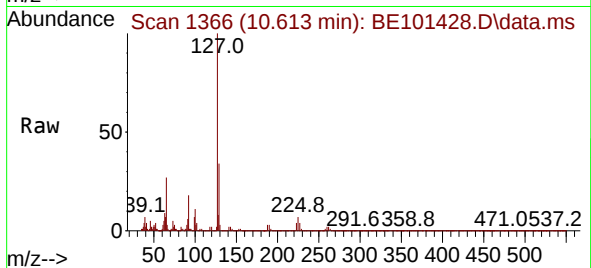
PB164533BSD

Tgt Ion:	127	Resp:	32479
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.7	38.5
65	27.0	22.2	33.4
92	17.5	14.2	21.2

Manual Integrations

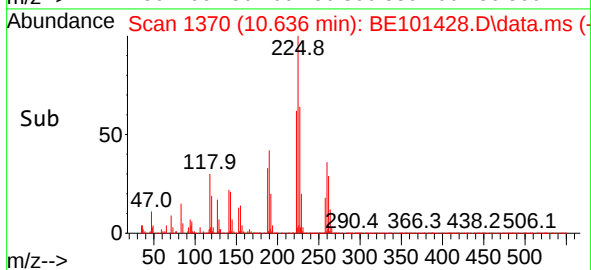
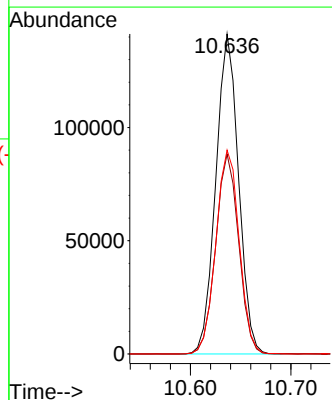
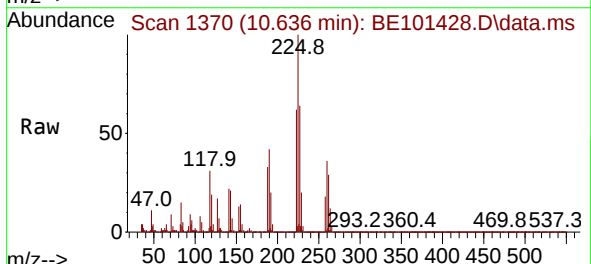
APPROVED

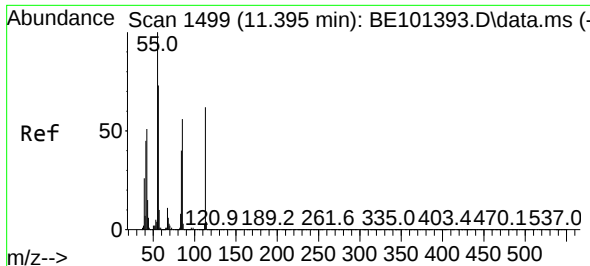
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 45.905 ng
RT: 10.636 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

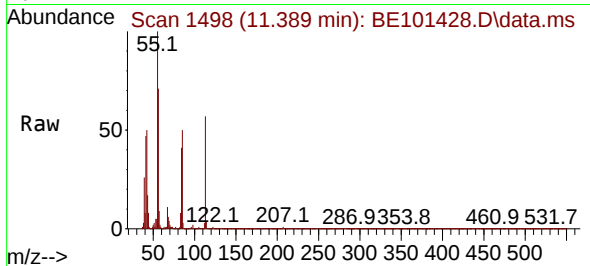
Tgt Ion:	225	Resp:	222189
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.5	75.7
227	63.7	51.0	76.6





#35
Caprolactam
Concen: 46.296 ng m
RT: 11.389 min Scan# 1499
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

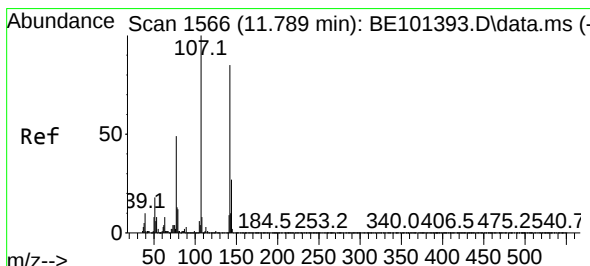
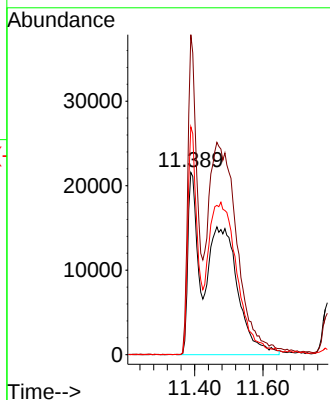
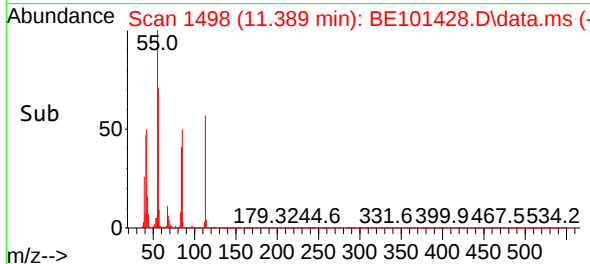
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion:113 Resp: 133210
Ion Ratio Lower Upper
113 100
55 175.5 141.2 181.2
56 125.0 96.9 136.9

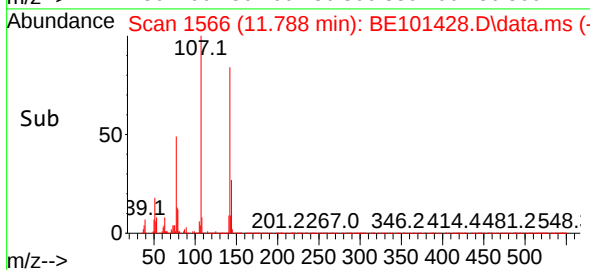
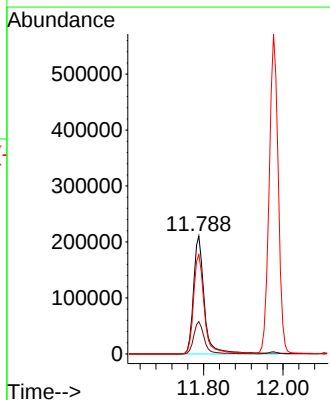
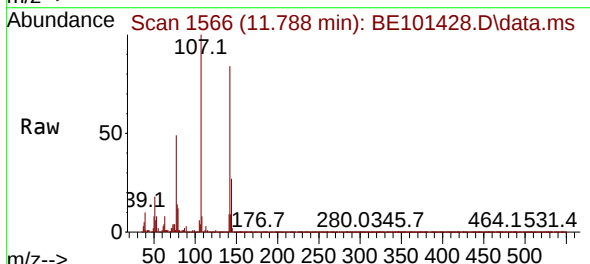
Manual Integrations
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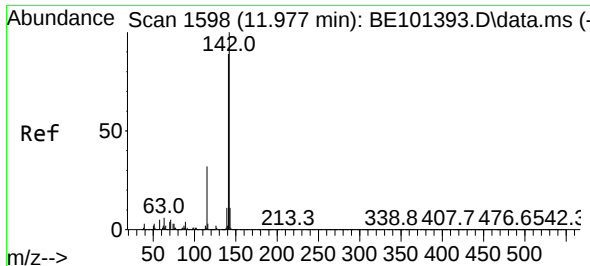
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 46.640 ng
RT: 11.788 min Scan# 1566
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:107 Resp: 398618
Ion Ratio Lower Upper
107 100
144 27.3 21.9 32.9
142 84.2 68.0 102.0





#37
2-Methylnaphthalene
Concen: 46.686 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

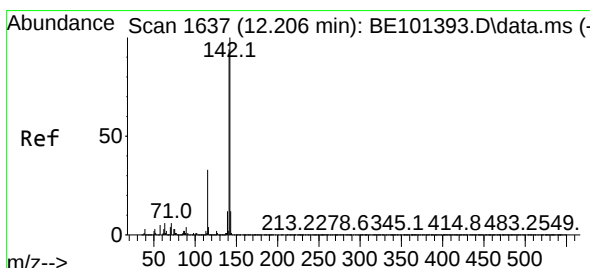
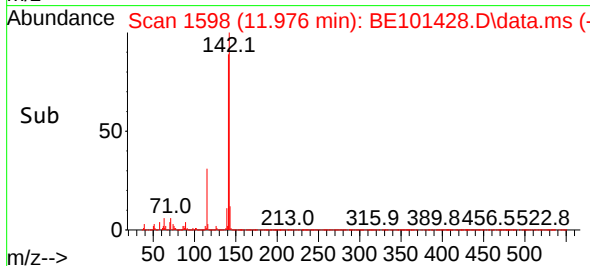
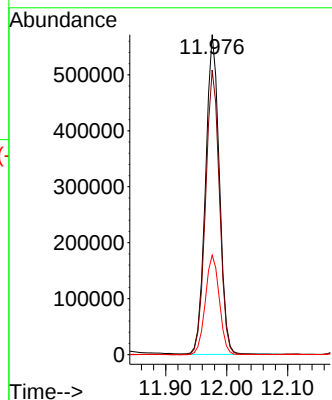
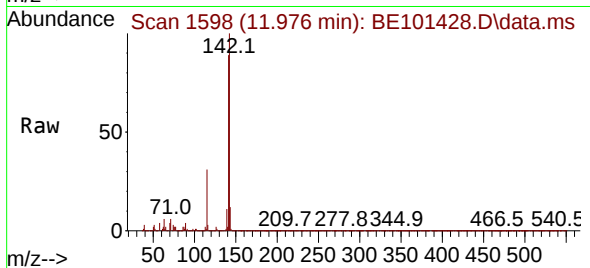
ClientSampleId :

PB164533BSD

Tgt Ion:142 Resp: 90236
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 31.1 25.6 38.4

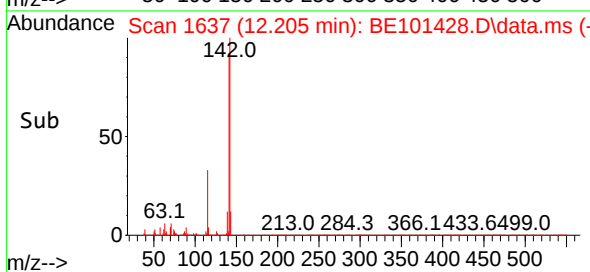
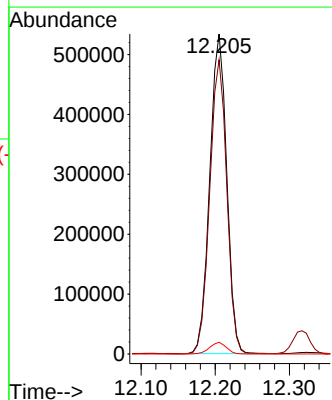
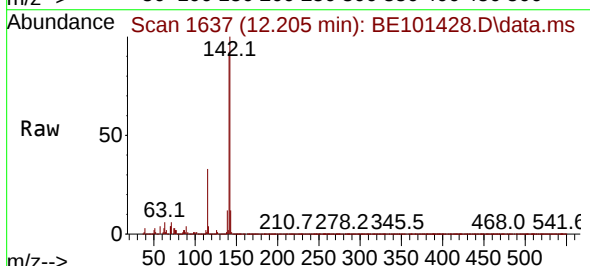
Manual Integrations
APPROVED

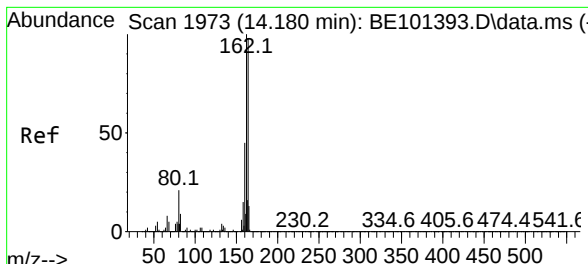
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 44.020 ng
RT: 12.205 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:142 Resp: 849167
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.4
116 3.6 2.9 4.3





#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.179 min Scan# 1973
 Delta R.T. -0.001 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09

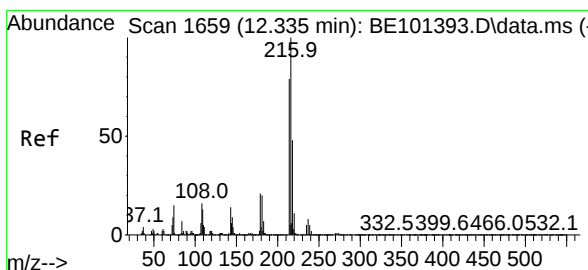
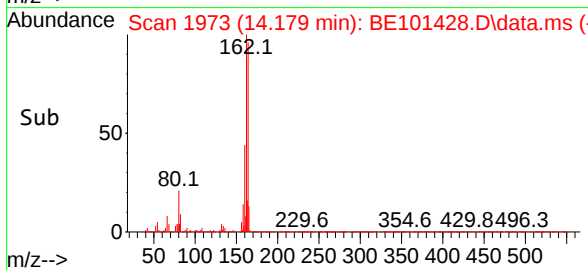
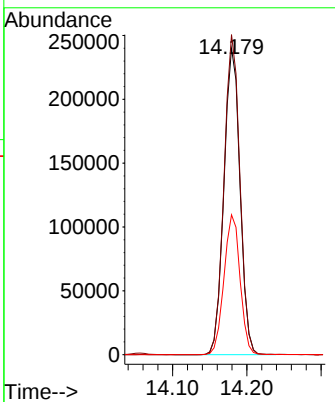
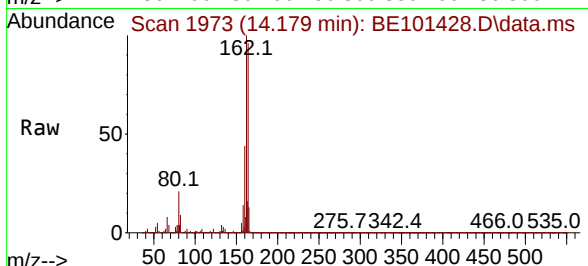
Instrument : BNA_E
 ClientSampleId : PB164533BSD

Tgt Ion:164 Resp: 360052

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.3	121.9
160	45.7	36.4	54.6

Manual Integrations
 APPROVED

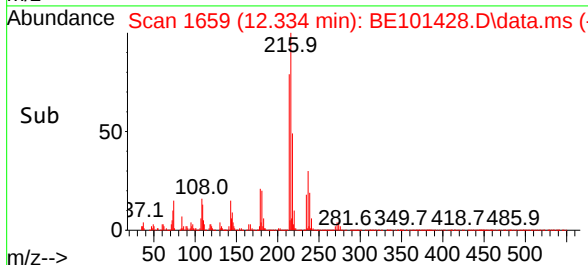
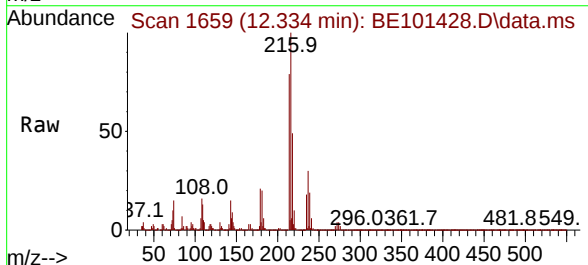
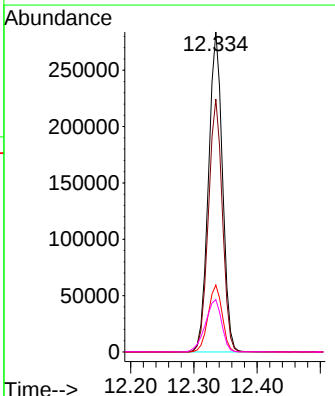
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

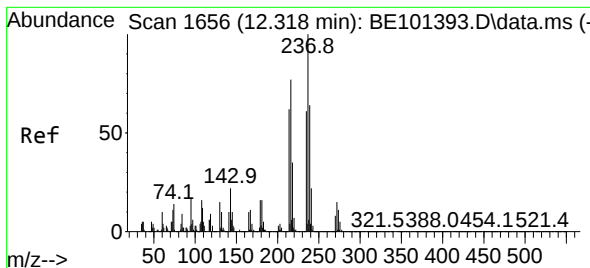


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.213 ng
 RT: 12.334 min Scan# 1659
 Delta R.T. -0.001 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09

Tgt Ion:216 Resp: 435778

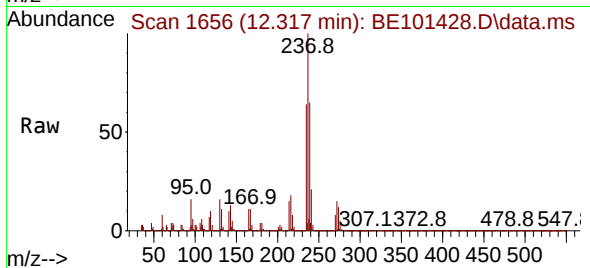
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.0	16.7	25.1
108	19.0	13.4	20.2





#41
Hexachlorocyclopentadiene
Concen: 195.771 ng
RT: 12.317 min Scan# 10
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

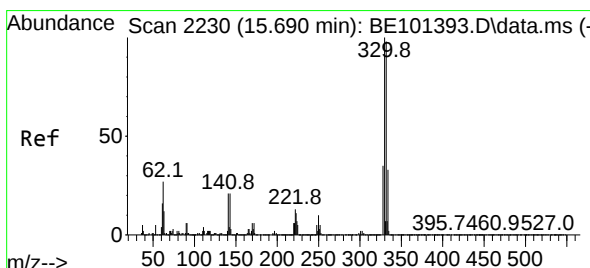
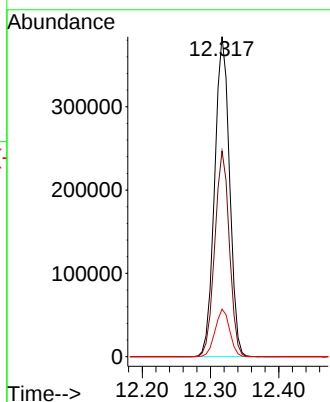
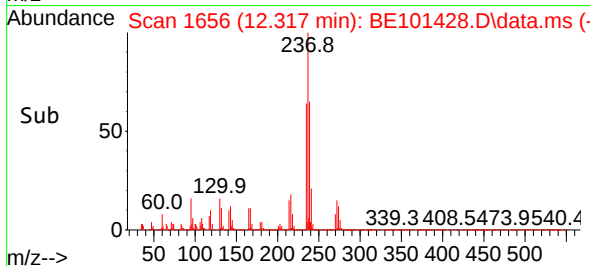
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



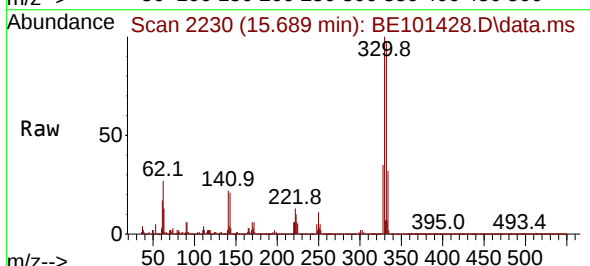
Tgt Ion:237 Resp: 584394
Ion Ratio Lower Upper
237 100
235 64.3 41.3 81.3
272 14.9 0.0 34.6

Manual Integrations
APPROVED

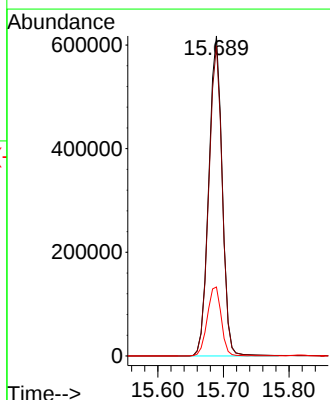
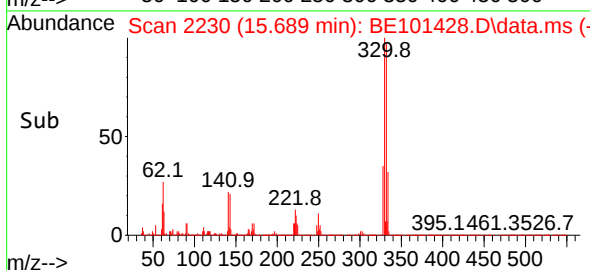
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

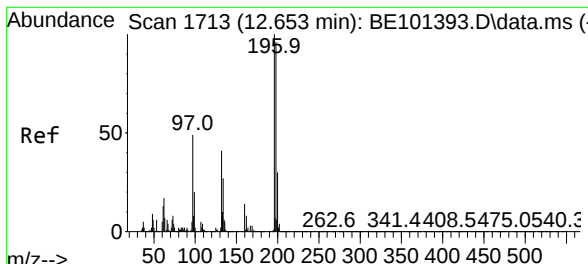


#42
2,4,6-Tribromophenol
Concen: 138.908 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09



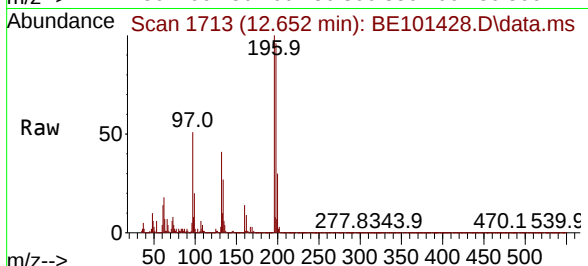
Tgt Ion:330 Resp: 876585
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.2
141 22.5 18.3 27.5





#43
2,4,6-Trichlorophenol
Concen: 51.865 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

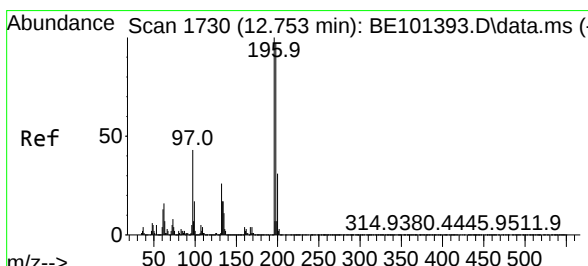
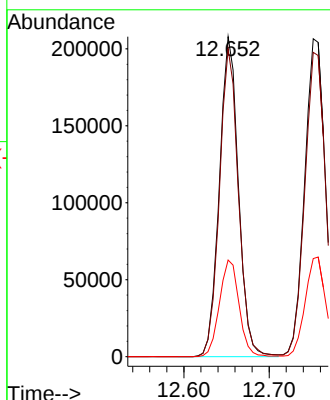
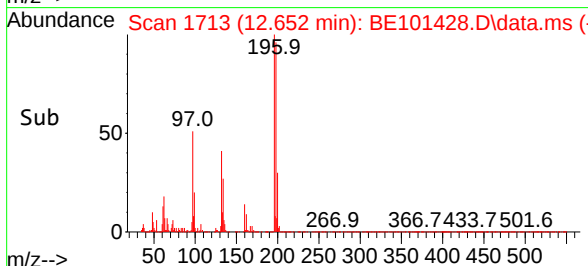
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



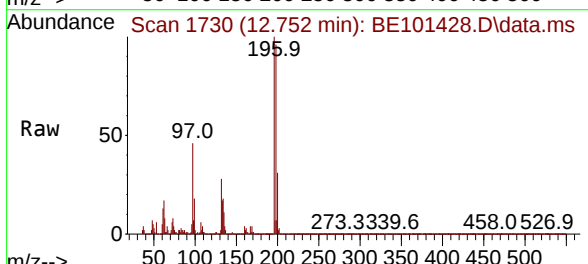
Tgt Ion:196 Resp: 32317
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
200 30.2 24.1 36.1

Manual Integrations
APPROVED

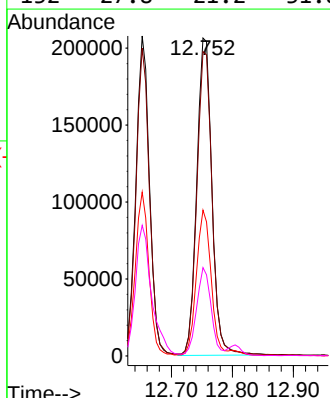
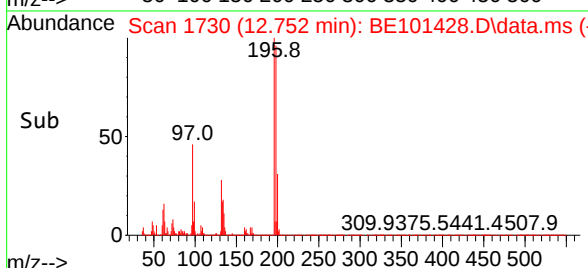
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

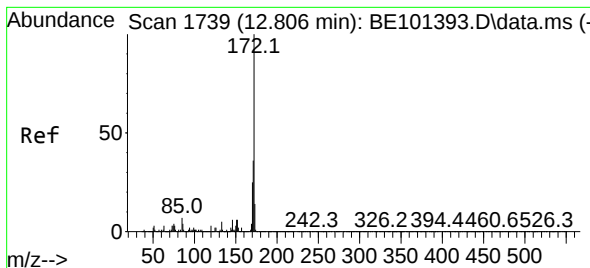


#44
2,4,5-Trichlorophenol
Concen: 50.018 ng
RT: 12.752 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09



Tgt Ion:196 Resp: 356904
Ion Ratio Lower Upper
196 100
198 95.7 77.4 116.0
97 45.8 34.8 52.2
132 27.8 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 94.154 ng
RT: 12.805 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

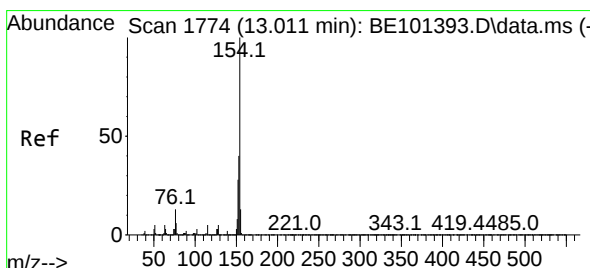
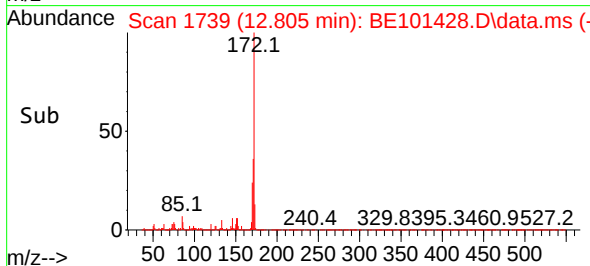
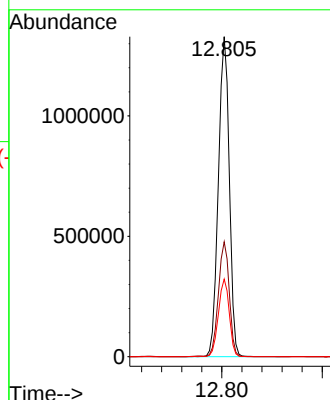
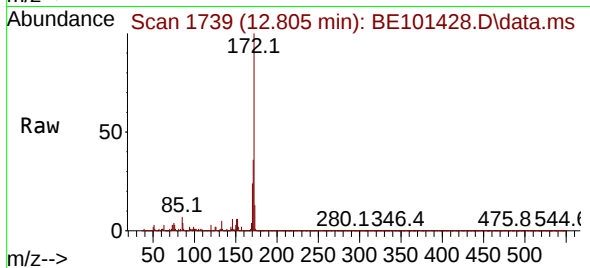
Tgt Ion:172 Resp: 2001744
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 24.2 19.8 29.6

Manual Integrations

APPROVED

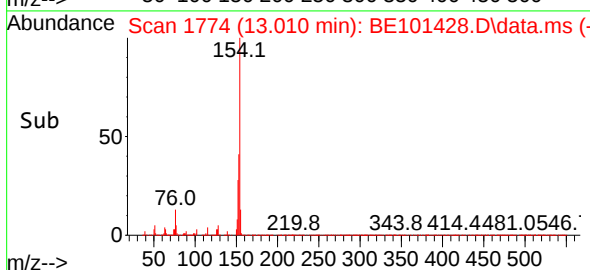
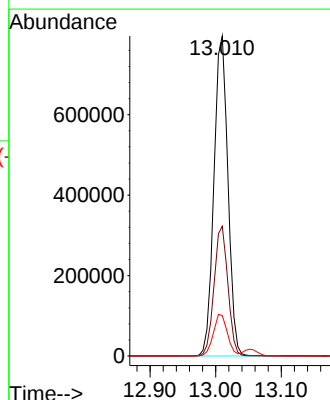
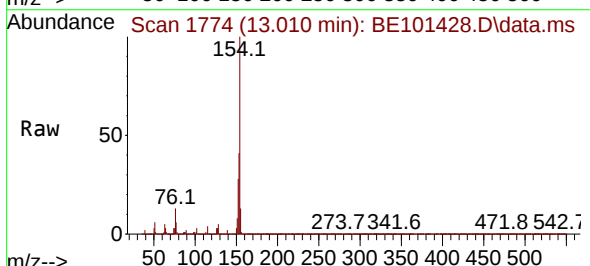
Reviewed By :Yogesh Patel 11/04/2024

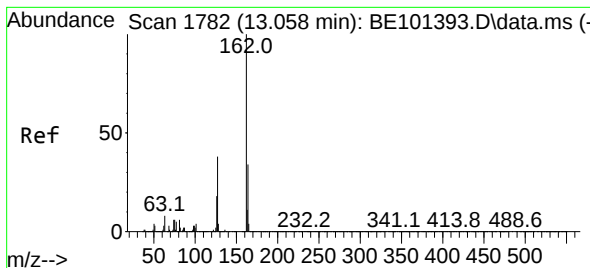
Supervised By :mohammad ahmed 11/04/2024



#46
1,1'-Biphenyl
Concen: 47.644 ng
RT: 13.010 min Scan# 1774
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:154 Resp: 1175277
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.6 0.0 32.6





#47
2-Chloronaphthalene
Concen: 46.737 ng
RT: 13.051 min Scan# 1781
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

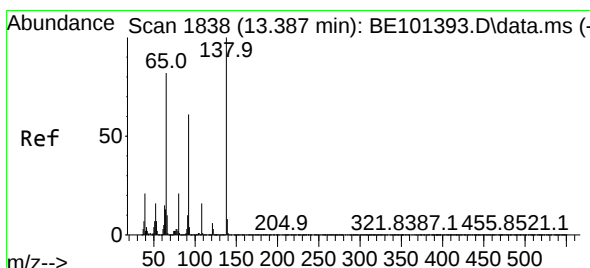
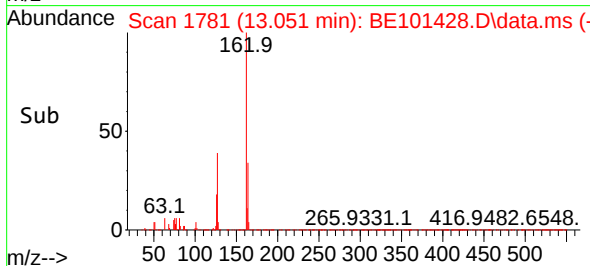
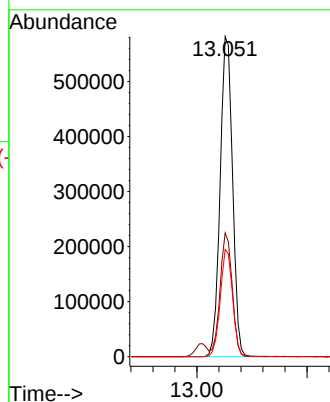
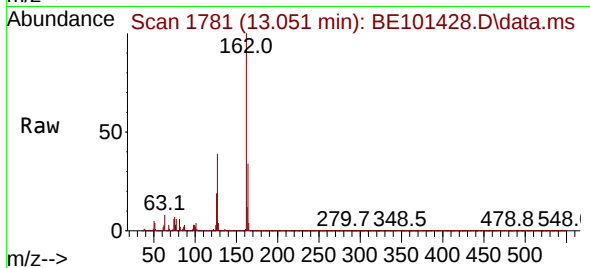
Tgt Ion:162 Resp: 91084
Ion Ratio Lower Upper
162 100
127 38.6 30.4 45.6
164 33.5 27.0 40.6

Manual Integrations

APPROVED

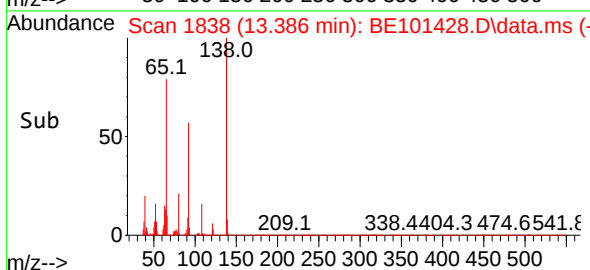
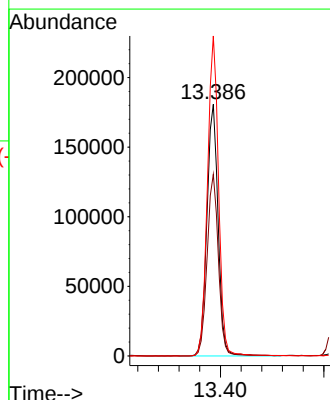
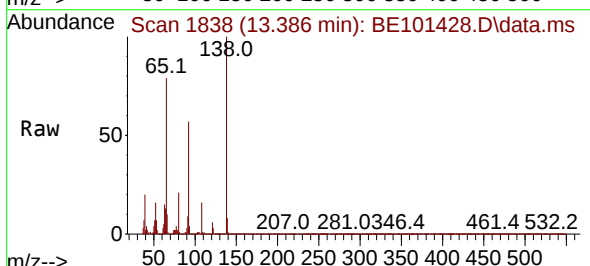
Reviewed By :Yogesh Patel 11/04/2024

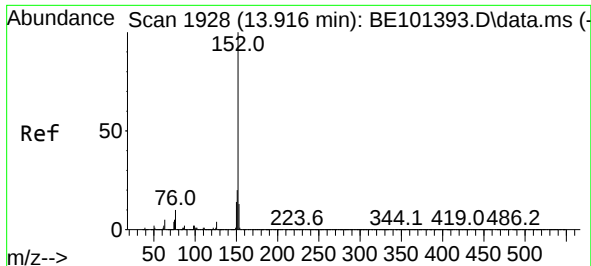
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 51.913 ng
RT: 13.386 min Scan# 1838
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion: 65 Resp: 272277
Ion Ratio Lower Upper
65 100
92 72.1 59.0 88.4
138 127.2 97.4 146.0





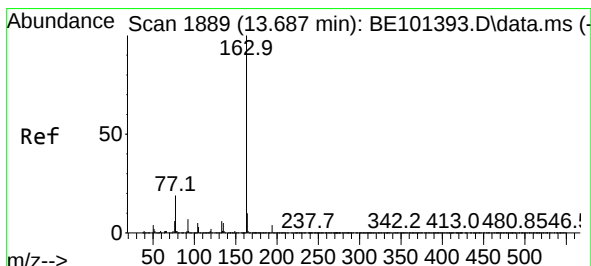
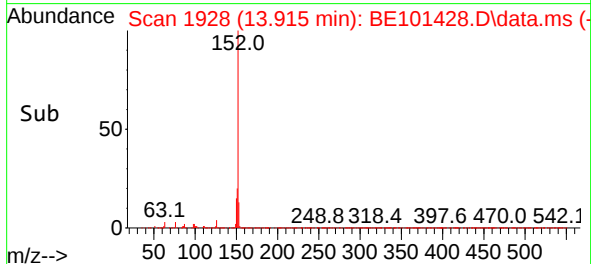
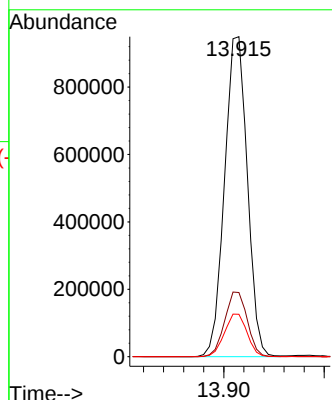
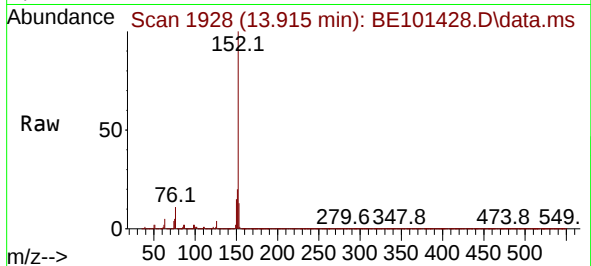
#49
Acenaphthylene
Concen: 51.827 ng
RT: 13.915 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164533BSD

Tgt Ion:152 Resp: 1493689
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.3 10.5 15.7

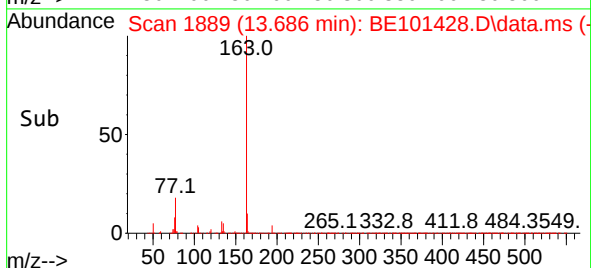
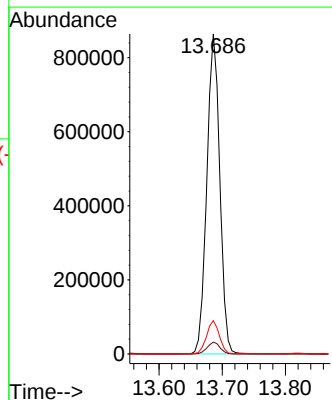
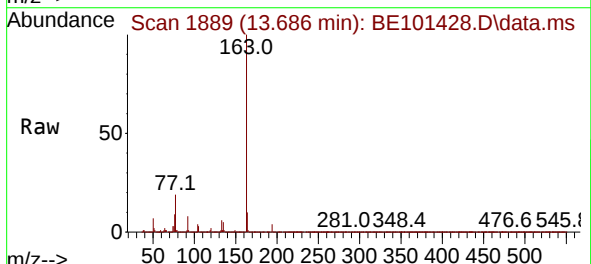
Manual Integrations
APPROVED

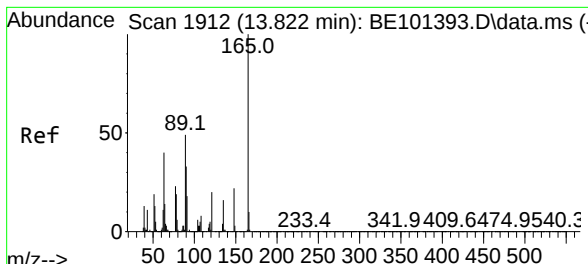
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 48.302 ng
RT: 13.686 min Scan# 1889
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:163 Resp: 1227602
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.4 8.4 12.6





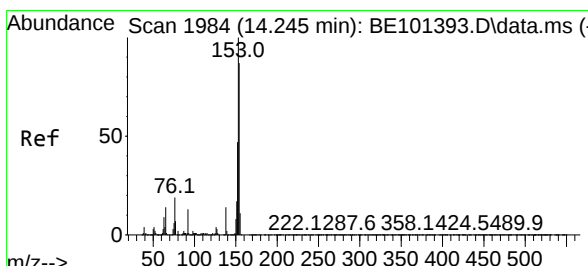
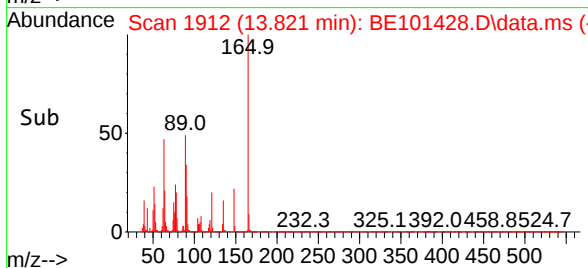
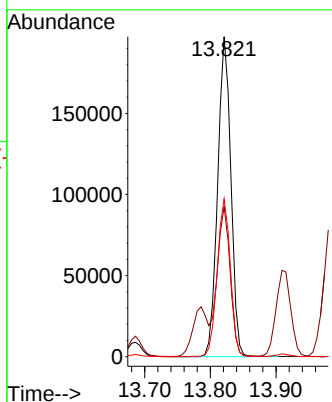
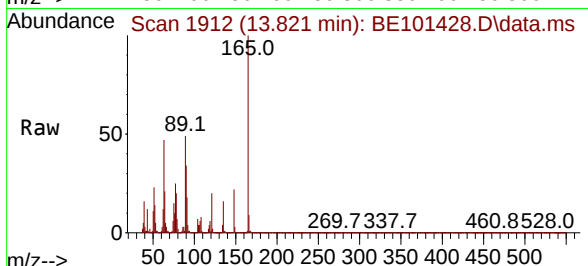
#51
2,6-Dinitrotoluene
Concen: 46.674 ng
RT: 13.821 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164533BSD

Tgt Ion:	165	Resp:	273864
Ion Ratio	Lower	Upper	
165	100		
63	46.8	38.0	57.0
89	49.3	39.5	59.3

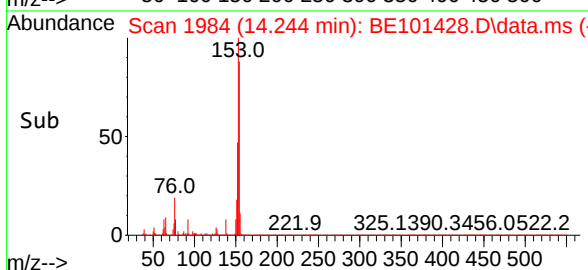
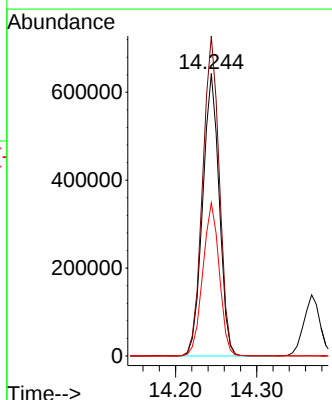
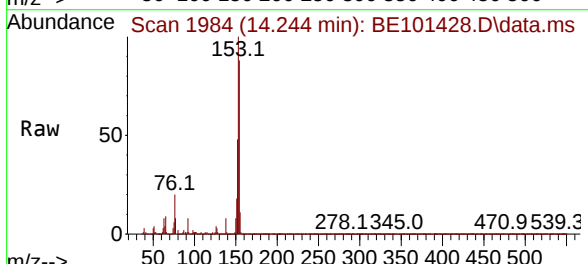
Manual Integrations
APPROVED

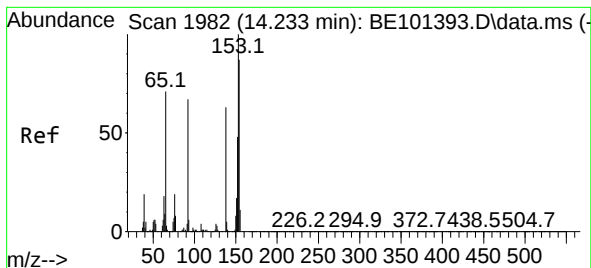
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 48.025 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:	154	Resp:	903802
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.8	137.6
152	54.2	43.1	64.7





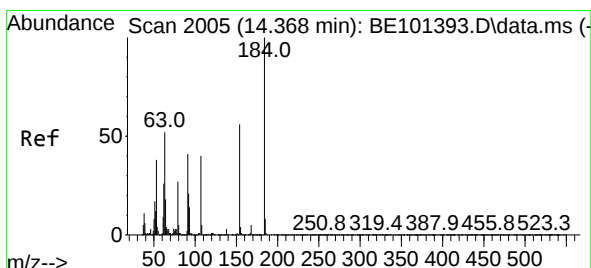
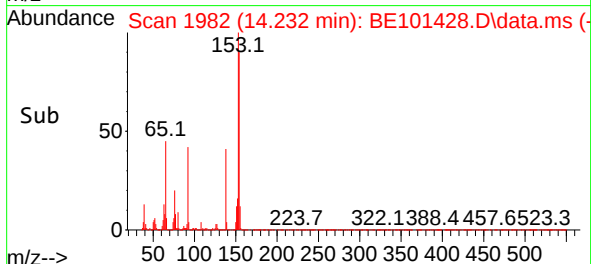
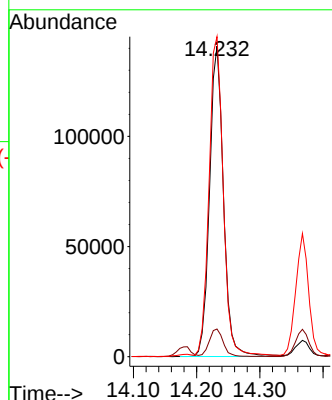
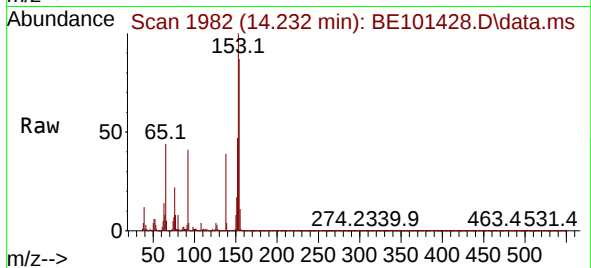
#53
3-Nitroaniline
Concen: 37.098 ng
RT: 14.232 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164533BSD

Tgt Ion:138 Resp: 216452
Ion Ratio Lower Upper
138 100
108 8.9 7.1 10.7
92 103.0 84.4 126.6

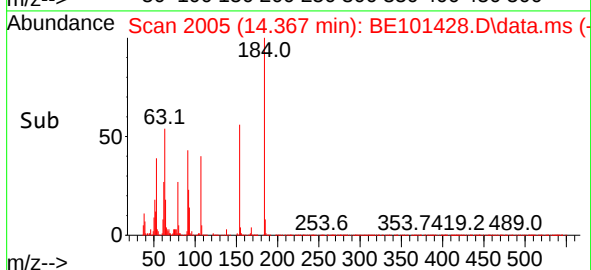
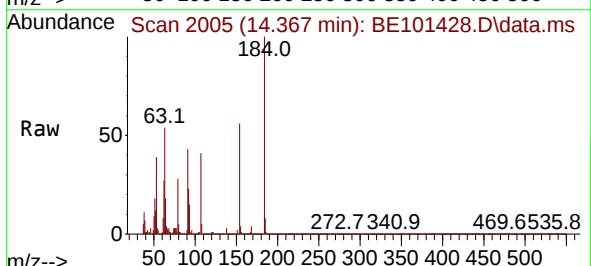
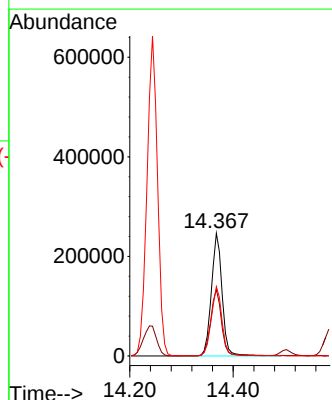
Manual Integrations
APPROVED

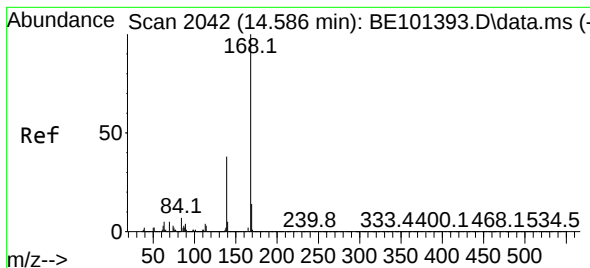
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 84.597 ng
RT: 14.367 min Scan# 2005
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

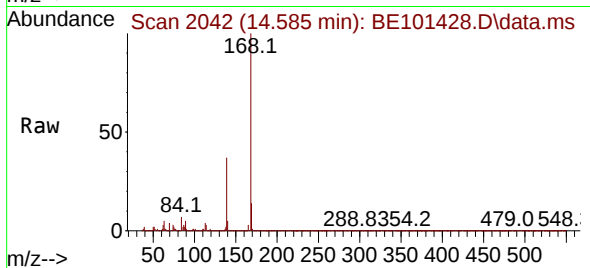
Tgt Ion:184 Resp: 354149
Ion Ratio Lower Upper
184 100
63 54.1 41.8 62.6
154 56.4 44.9 67.3





#55
Dibenzenofuran
Concen: 48.170 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

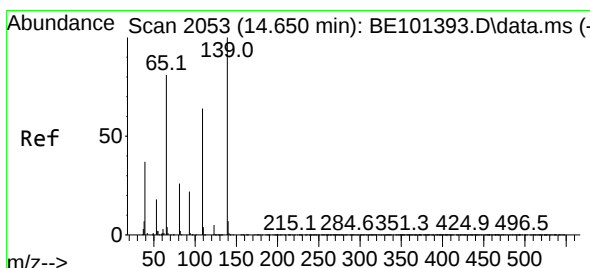
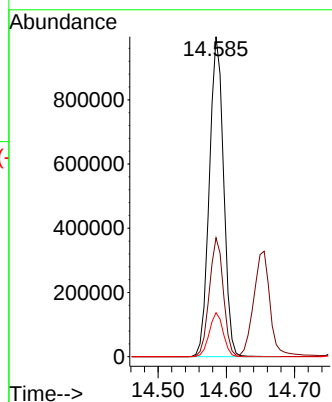
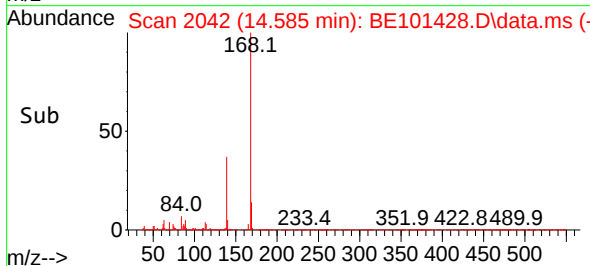
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion:168 Resp: 1444879
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.4
169 13.8 11.0 16.4

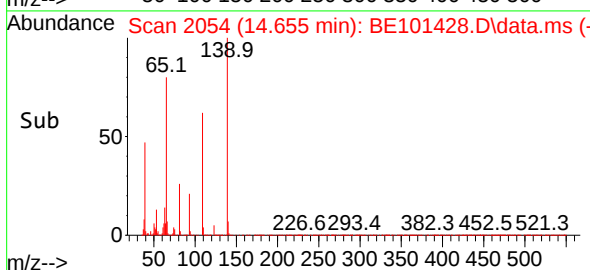
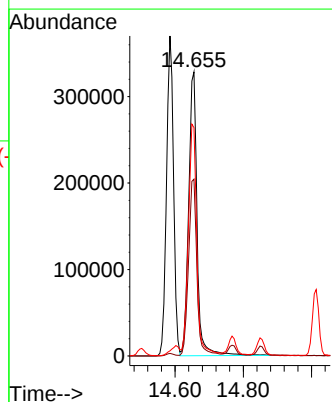
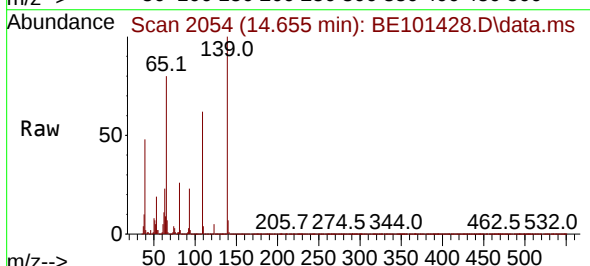
Manual Integrations
APPROVED

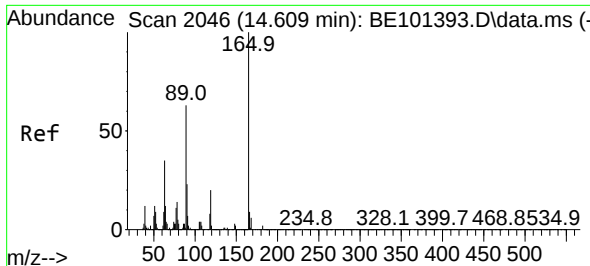
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 104.840 ng
RT: 14.655 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:139 Resp: 560174
Ion Ratio Lower Upper
139 100
109 62.3 42.4 82.4
65 80.4 63.4 103.4





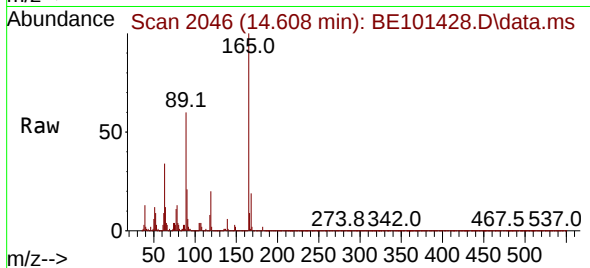
#57
2,4-Dinitrotoluene
Concen: 49.705 ng
RT: 14.608 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD



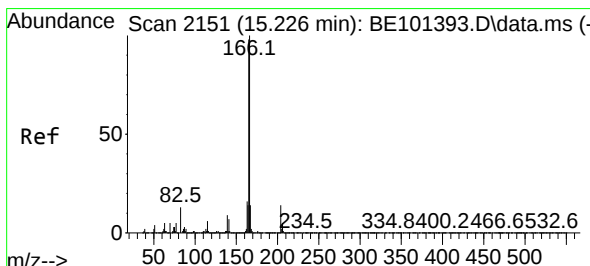
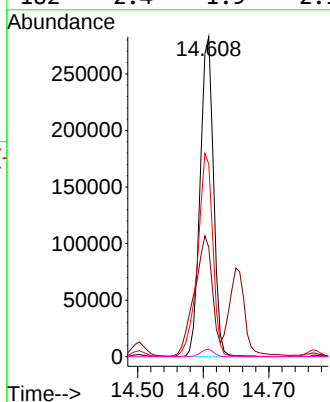
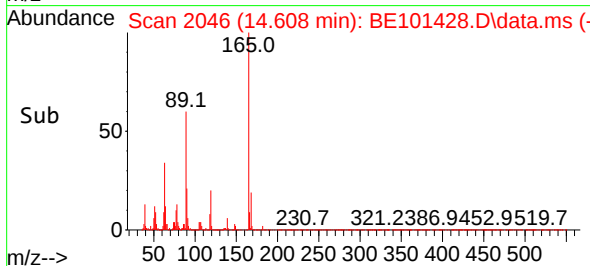
Tgt Ion:165 Resp: 401529
Ion Ratio Lower Upper
165 100
63 34.2 28.6 42.8
89 60.2 50.8 76.2
182 2.4 1.9 2.9

Manual Integrations

APPROVED

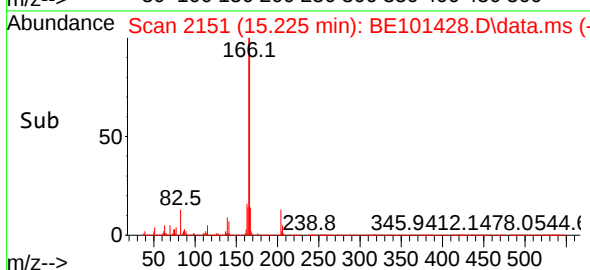
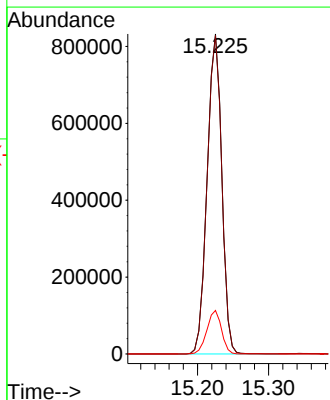
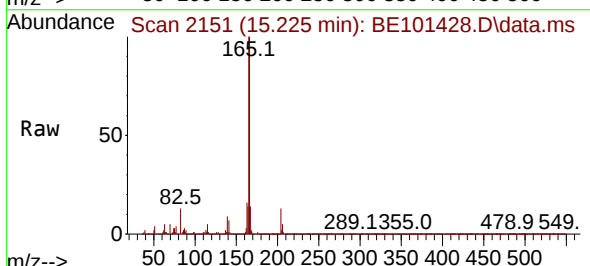
Reviewed By :Yogesh Patel 11/04/2024

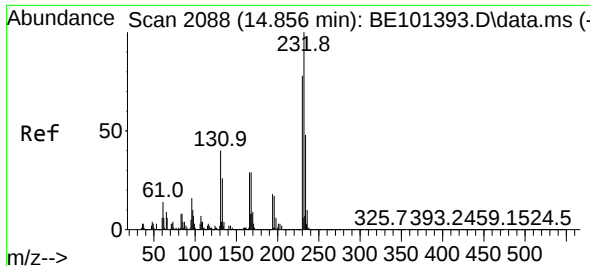
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 47.435 ng
RT: 15.225 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

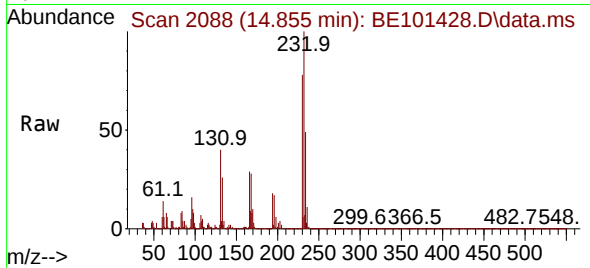
Tgt Ion:166 Resp: 1190269
Ion Ratio Lower Upper
166 100
165 99.5 78.7 118.1
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.484 ng
RT: 14.855 min Scan# 2088
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

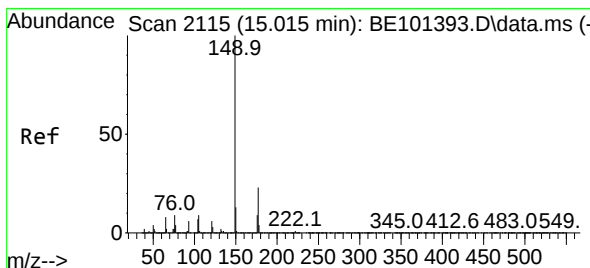
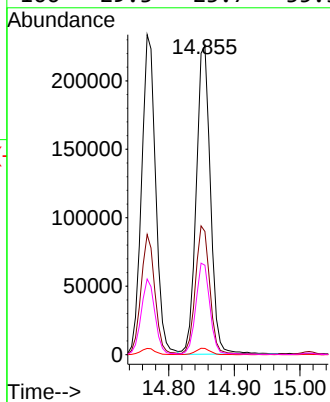
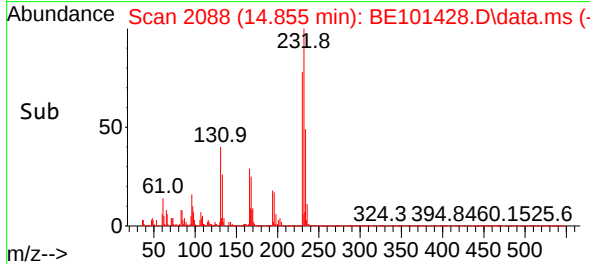
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



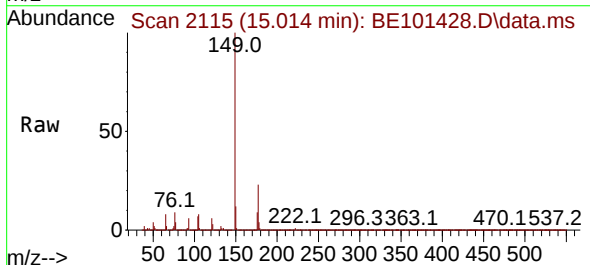
Tgt Ion:232 Resp: 33942
Ion Ratio Lower Upper
232 100
131 41.6 33.5 50.3
130 2.1 1.6 2.4
166 29.3 23.7 35.5

Manual Integrations
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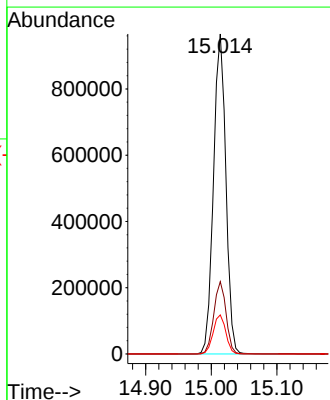
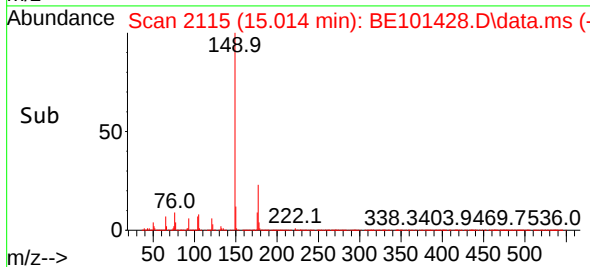
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

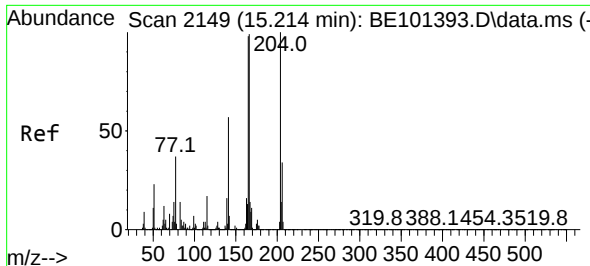


#60
Diethylphthalate
Concen: 47.579 ng
RT: 15.014 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09



Tgt Ion:149 Resp: 1264805
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.2 10.3 15.5





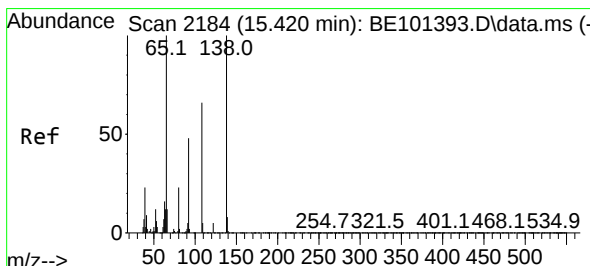
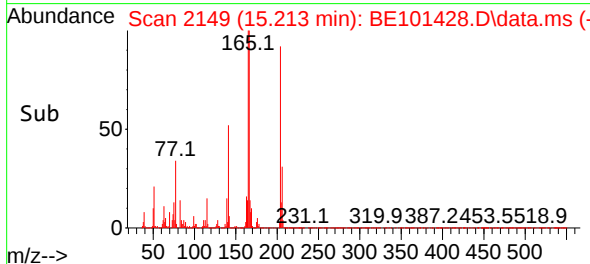
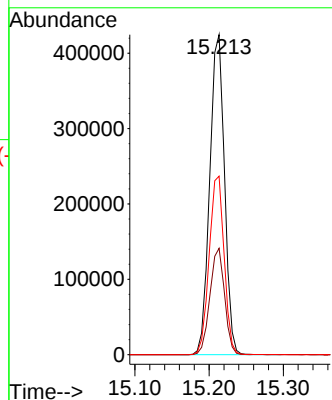
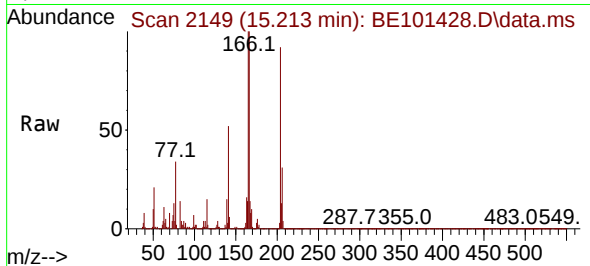
#61
4-Chlorophenyl-phenylether
Concen: 47.075 ng
RT: 15.213 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164533BSD

Tgt Ion:204 Resp: 58616
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 55.8 45.9 68.9

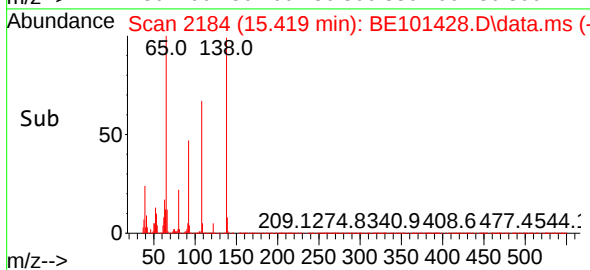
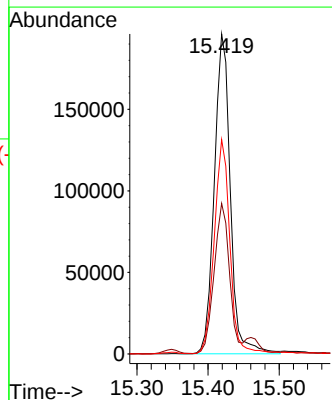
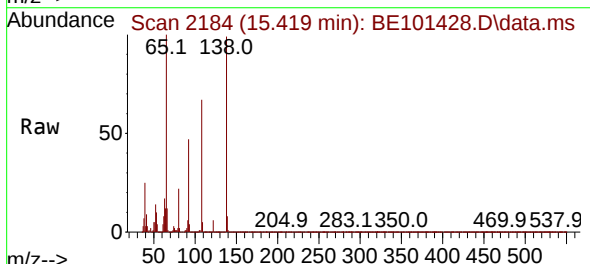
Manual Integrations
APPROVED

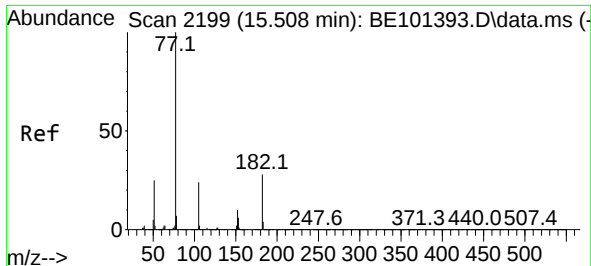
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 47.135 ng
RT: 15.419 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

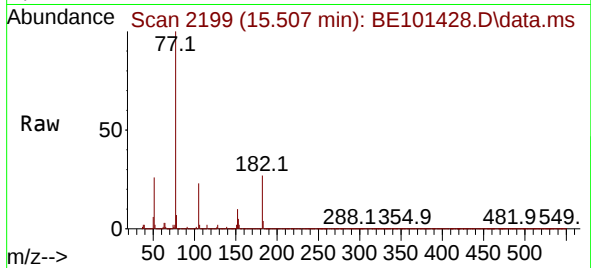
Tgt Ion:138 Resp: 306026
Ion Ratio Lower Upper
138 100
92 47.1 28.7 68.7
108 67.0 46.5 86.5





#63
Azobenzene
Concen: 48.554 ng
RT: 15.507 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

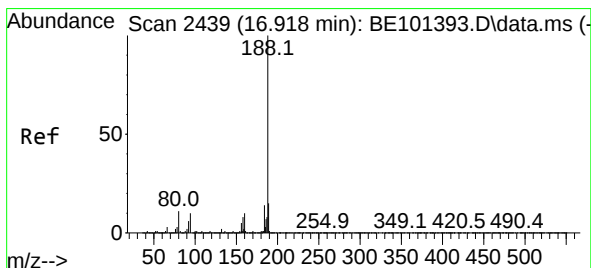
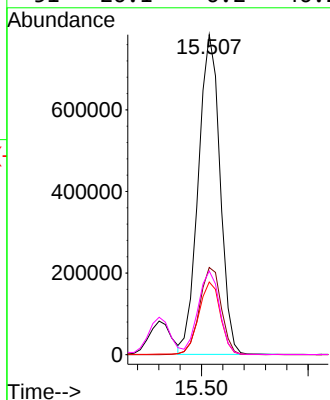
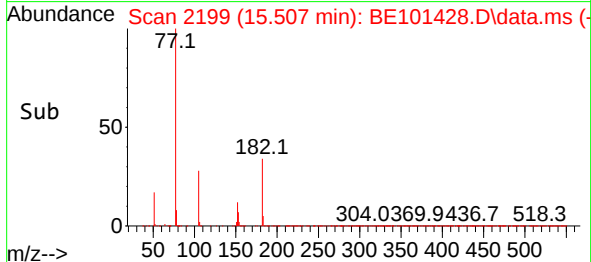
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion: 77 Resp: 1109474
Ion Ratio Lower Upper
77 100
182 27.2 7.6 47.6
105 22.7 3.2 43.2
51 26.1 6.2 46.2

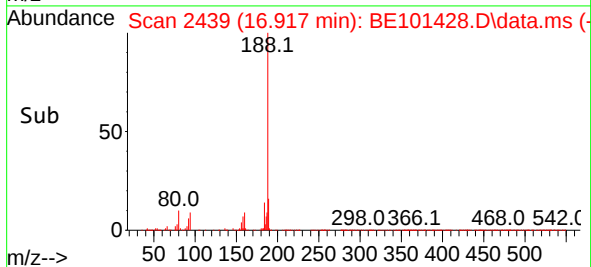
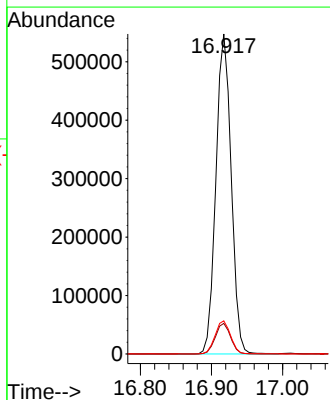
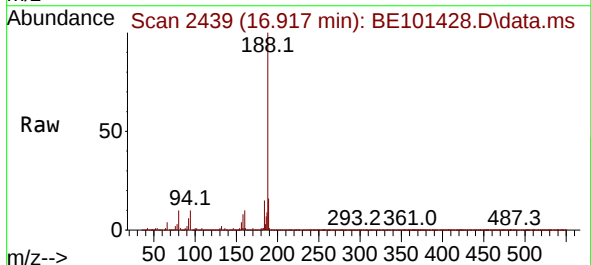
Manual Integrations
APPROVED

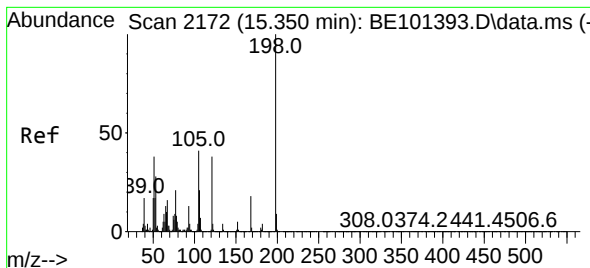
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

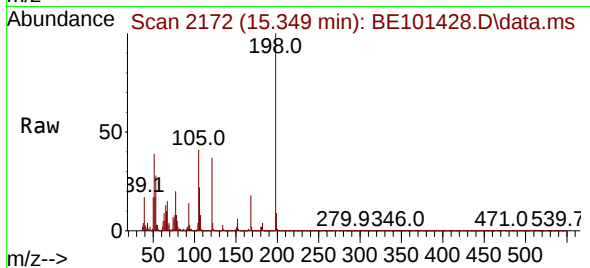
Tgt Ion:188 Resp: 812601
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.8
80 10.4 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.330 ng
RT: 15.349 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

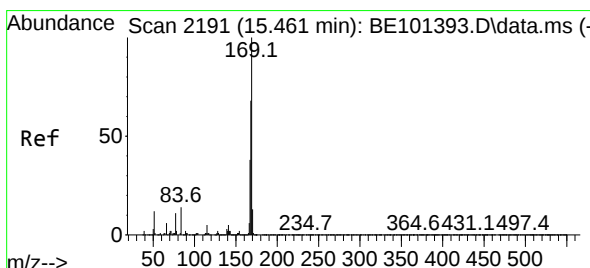
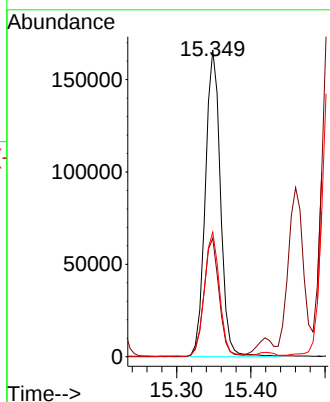
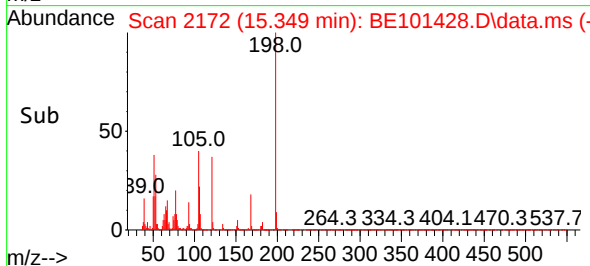
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion:198 Resp: 235548
Ion Ratio Lower Upper
198 100
51 38.6 18.2 58.2
105 40.6 21.5 61.5

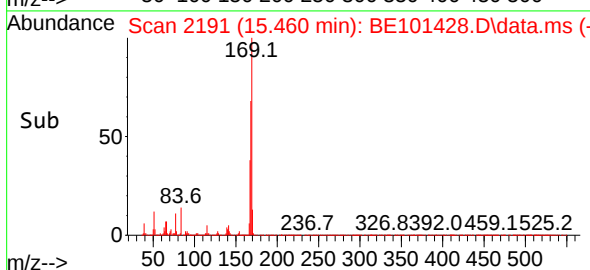
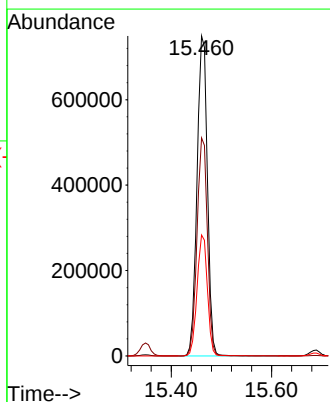
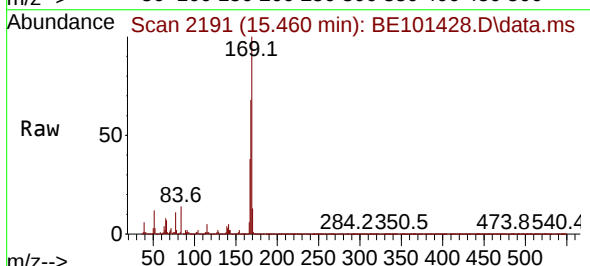
Manual Integrations
APPROVED

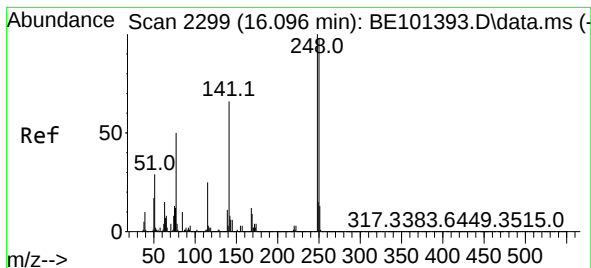
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 49.666 ng
RT: 15.460 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

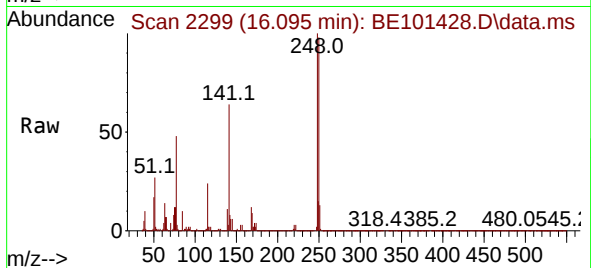
Tgt Ion:169 Resp: 1070275
Ion Ratio Lower Upper
169 100
168 68.1 54.5 81.7
167 37.8 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 47.682 ng
RT: 16.095 min Scan# 2299
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

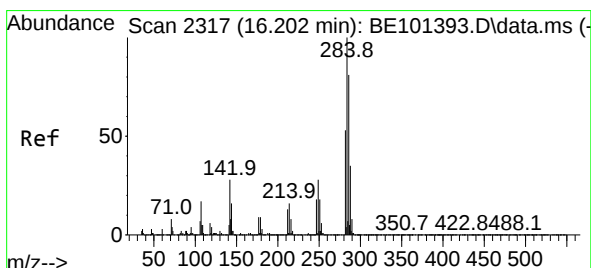
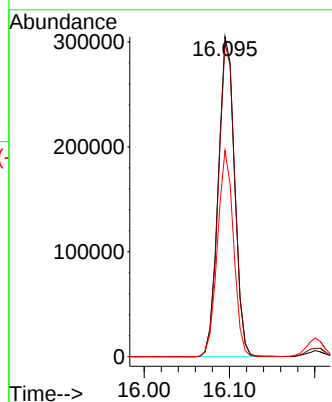
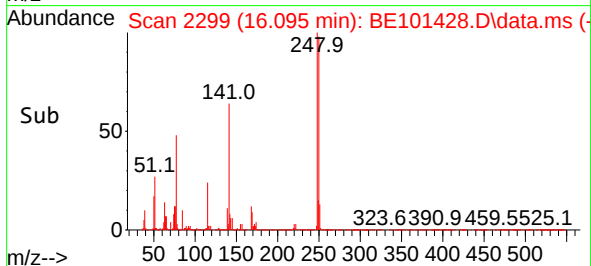
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion:248 Resp: 407578
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.2
141 64.5 53.0 79.4

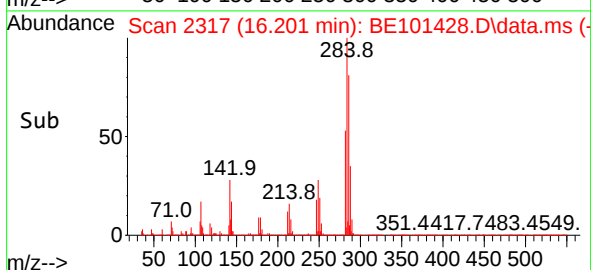
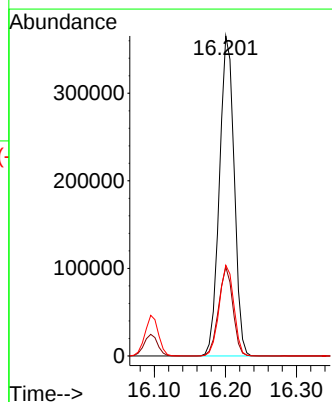
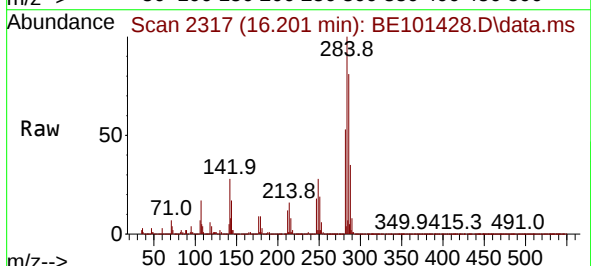
Manual Integrations
APPROVED

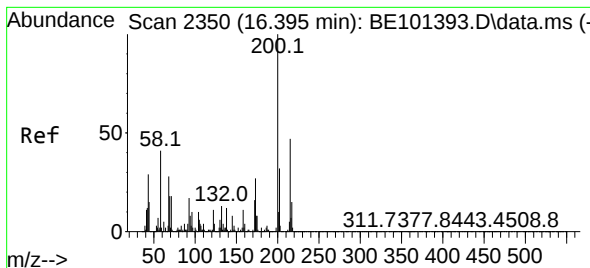
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 46.877 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:284 Resp: 525219
Ion Ratio Lower Upper
284 100
142 27.8 22.2 33.2
249 28.4 22.8 34.2





#69

Atrazine

Concen: 61.350 ng

RT: 16.394 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

Tgt Ion:200 Resp: 405310

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

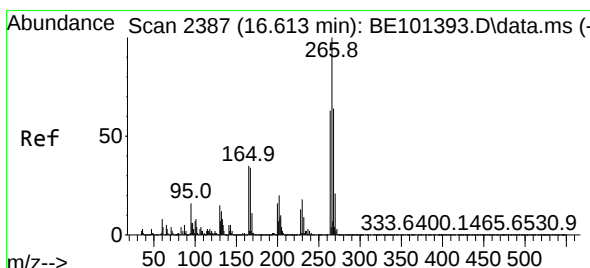
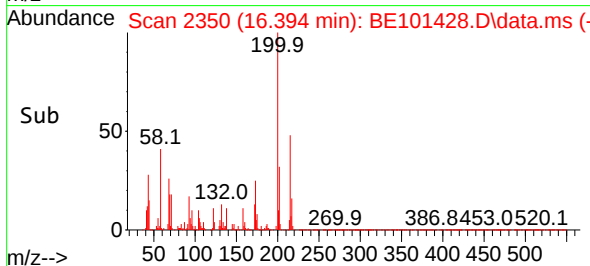
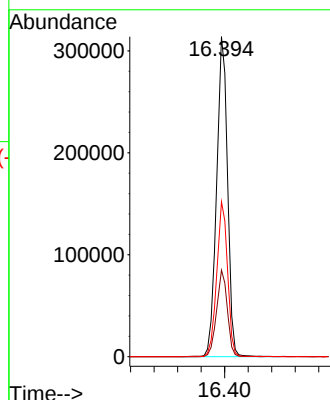
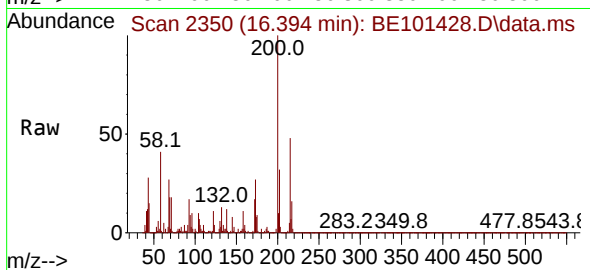
215 48.4 27.3 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 105.427 ng

RT: 16.612 min Scan# 2387

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

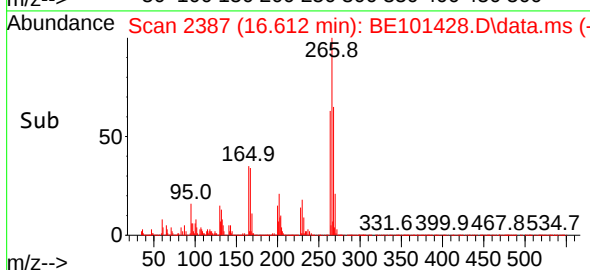
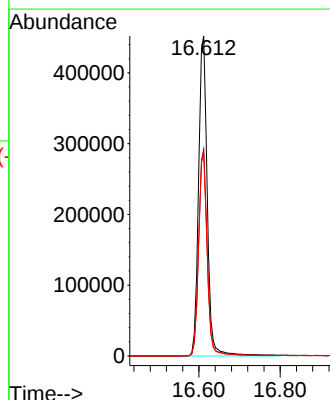
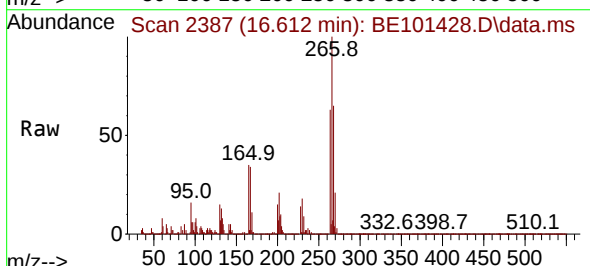
Tgt Ion:266 Resp: 679935

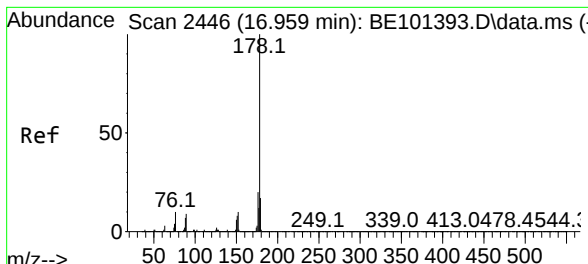
Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

264 63.2 50.7 76.1





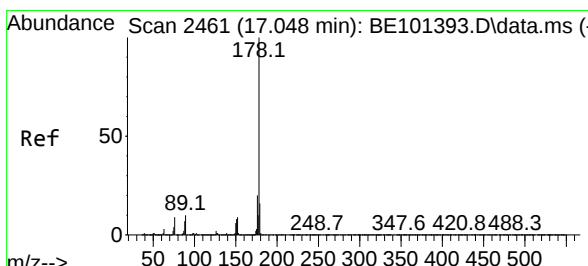
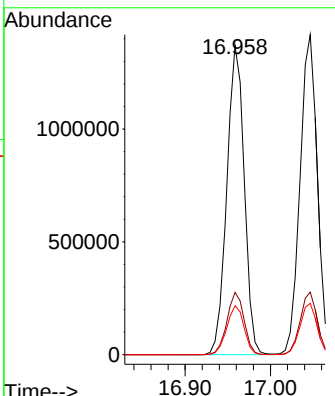
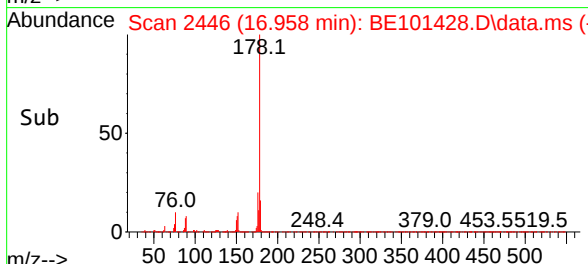
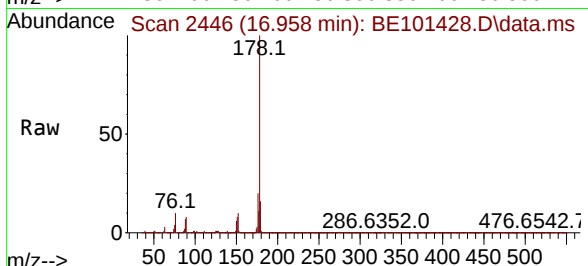
#71
 Phenanthrene
 Concen: 50.022 ng
 RT: 16.958 min Scan# 2446
 Delta R.T. -0.001 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09

Instrument : BNA_E
 ClientSampleId : PB164533BSD

Tgt Ion:178 Resp: 1946192

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	15.8	13.2	19.8

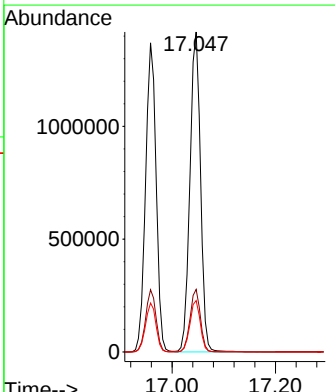
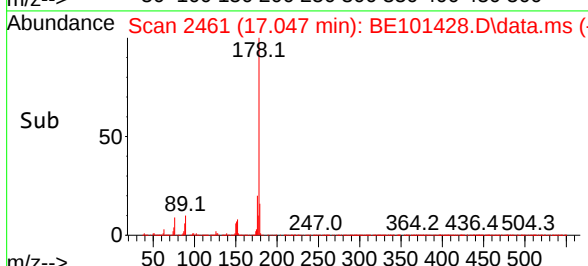
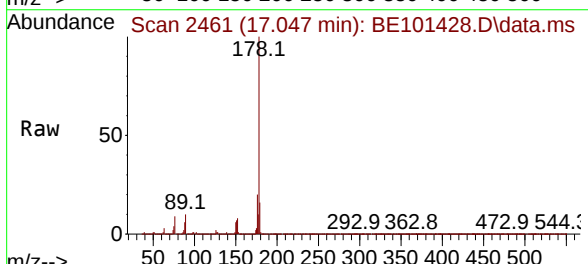
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

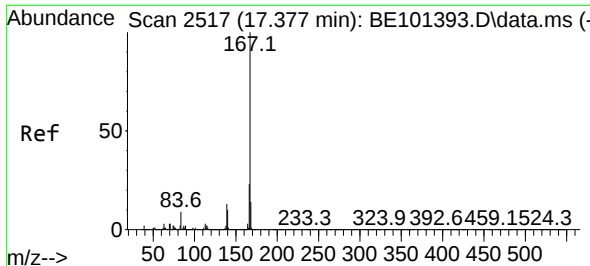


#72
 Anthracene
 Concen: 52.906 ng
 RT: 17.047 min Scan# 2461
 Delta R.T. -0.001 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09

Tgt Ion:178 Resp: 2009903

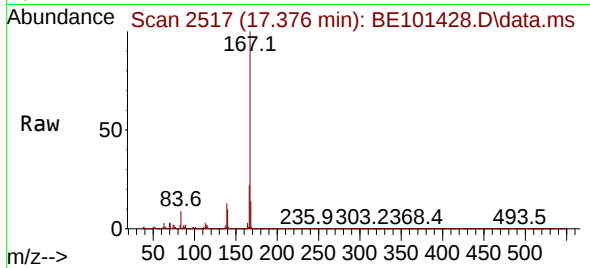
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	13.1	19.7





#73
 Carbazole
 Concen: 49.077 ng
 RT: 17.376 min Scan# 2517
 Delta R.T. -0.001 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09

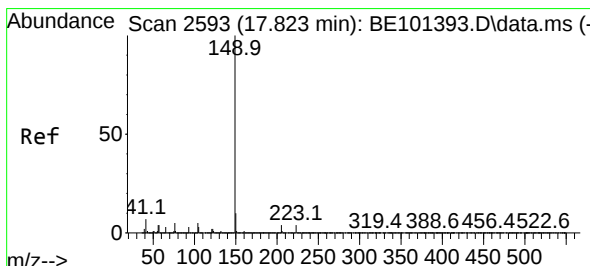
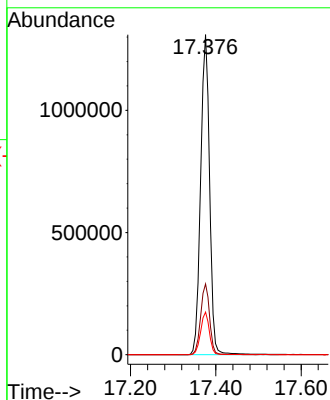
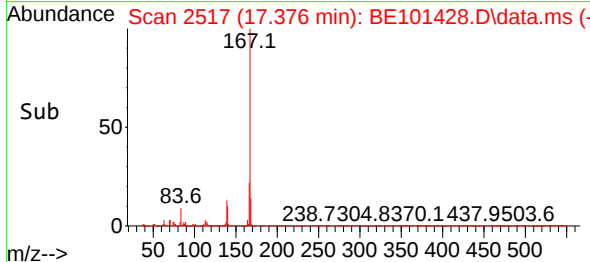
Instrument :
 BNA_E
 ClientSampleId :
 PB164533BSD



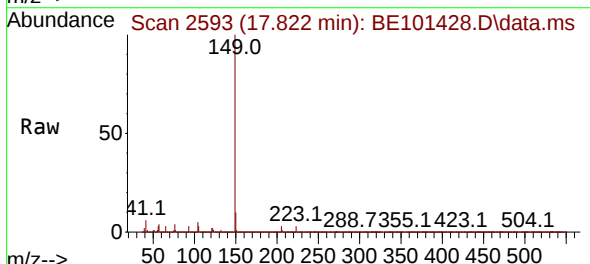
Tgt Ion:167 Resp: 1907689
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.3 27.5
 139 13.3 10.8 16.2

Manual Integrations
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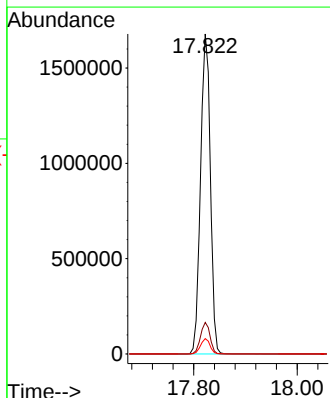
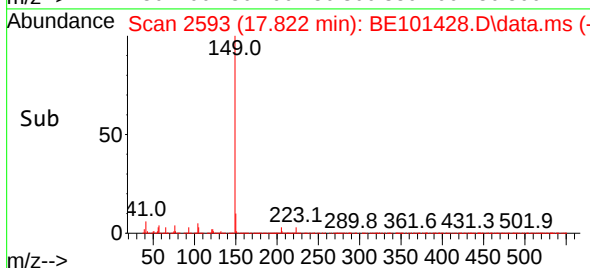
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

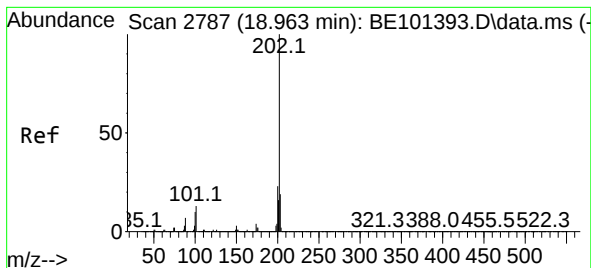


#74
 Di-n-butylphthalate
 Concen: 51.505 ng
 RT: 17.822 min Scan# 2593
 Delta R.T. -0.001 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09



Tgt Ion:149 Resp: 2204042
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.2 12.4
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 48.787 ng

RT: 18.962 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

Tgt Ion:202 Resp: 230543

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.3

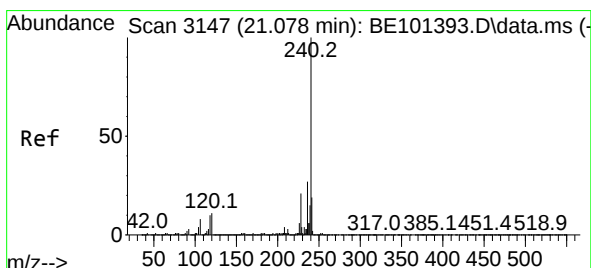
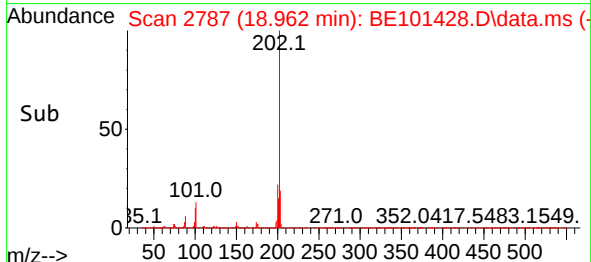
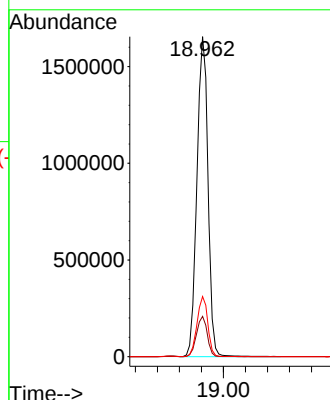
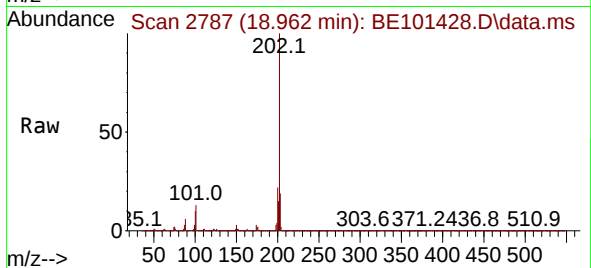
203 18.8 0.0 39.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.077 min Scan# 3147

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

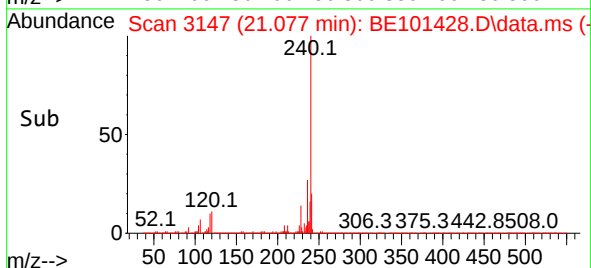
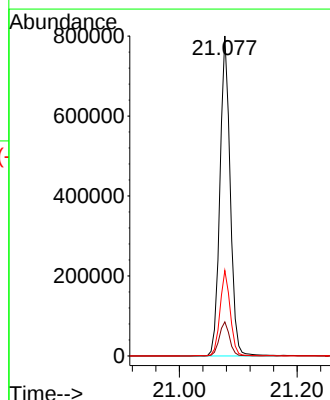
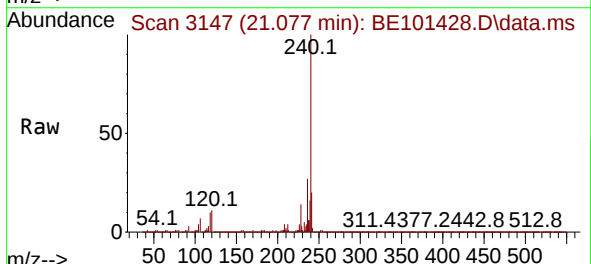
Tgt Ion:240 Resp: 969385

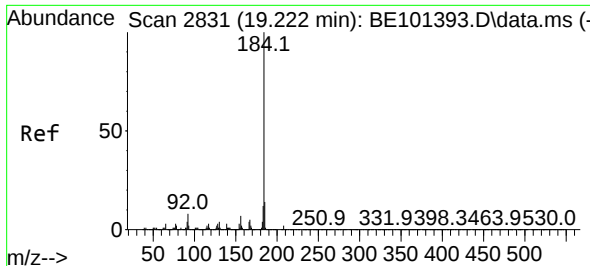
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 26.7 21.4 32.0





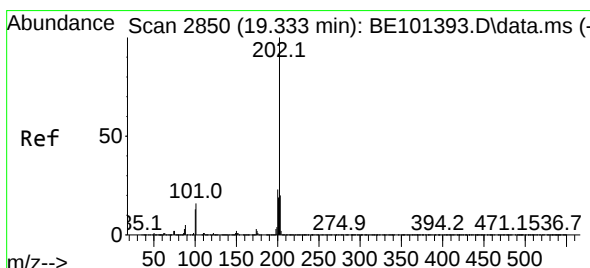
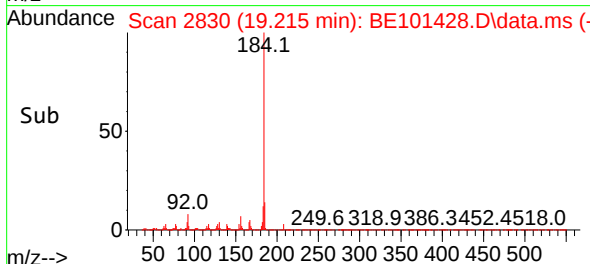
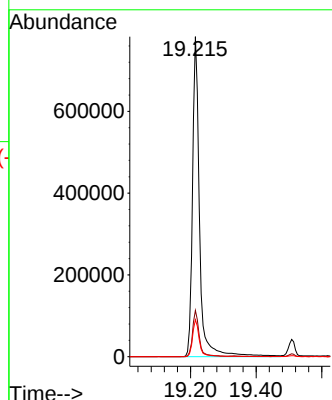
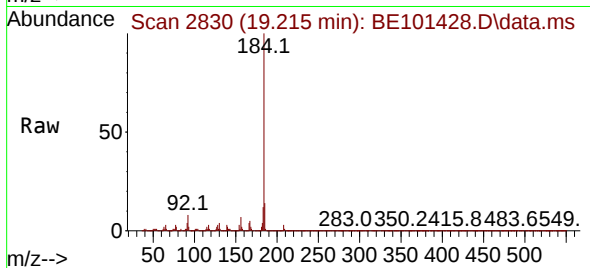
#77
Benzidine
Concen: 94.946 ng
RT: 19.215 min Scan# 2830
Delta R.T. -0.007 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Instrument :
BNA_E
ClientSampleId :
PB164533BSD

Tgt Ion:184 Resp: 116812
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.6 9.3 13.9

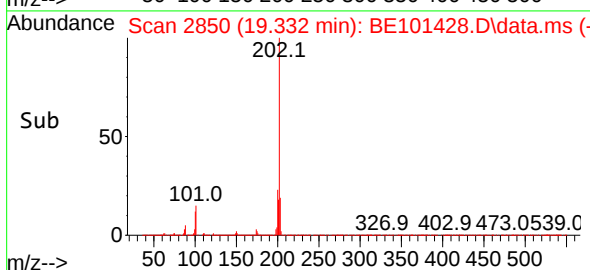
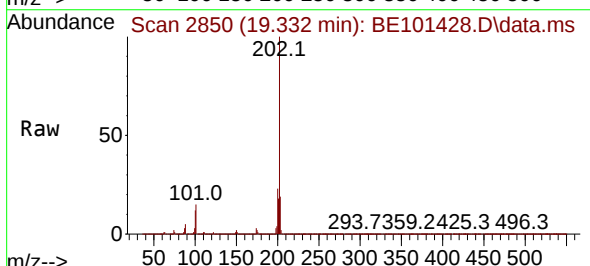
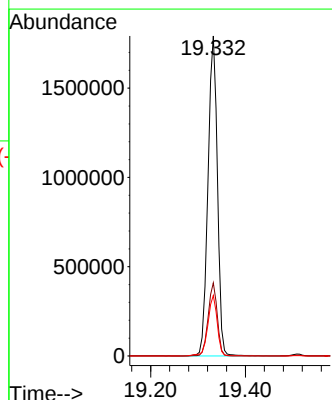
Manual Integrations
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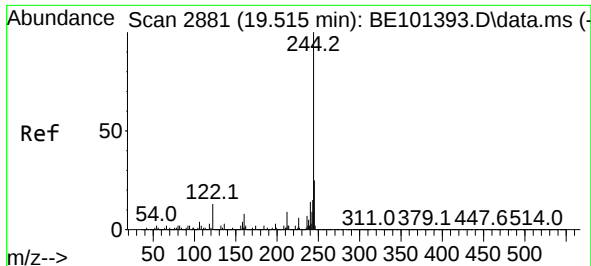
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 46.458 ng
RT: 19.332 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:202 Resp: 2476632
Ion Ratio Lower Upper
202 100
200 22.8 18.6 28.0
203 18.9 15.6 23.4





#79
 Terphenyl-d14
 Concen: 86.439 ng
 RT: 19.508 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

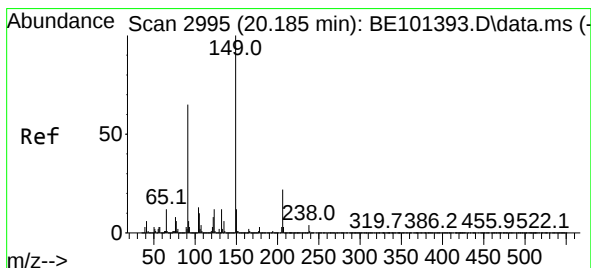
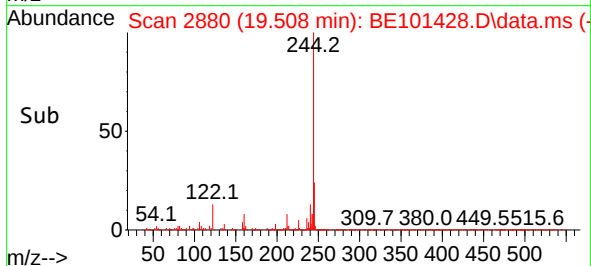
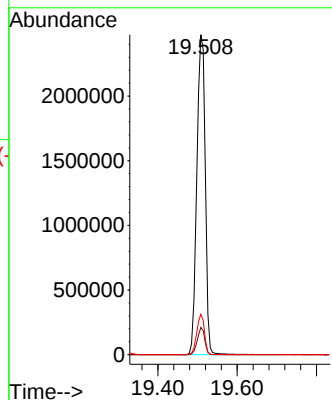
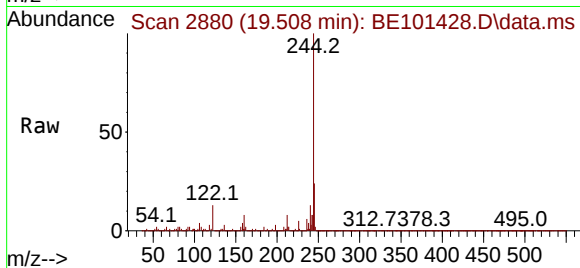
ClientSampleId :

PB164533BSD

Tgt Ion:244 Resp: 364071
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.2 10.8
 122 12.6 10.4 15.6

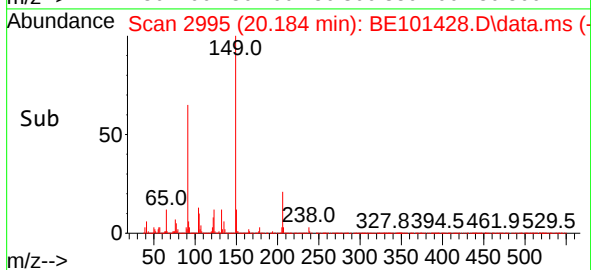
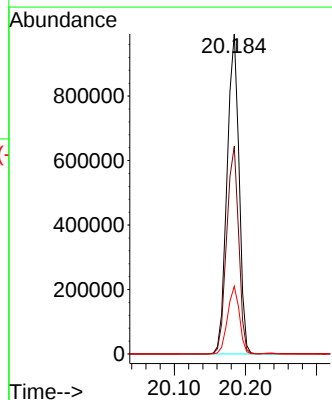
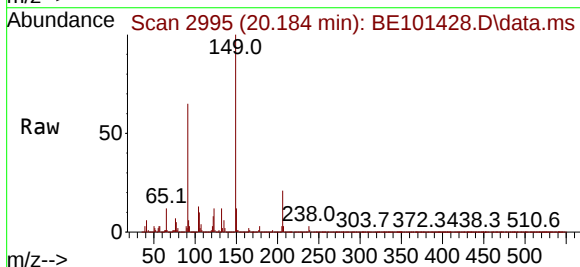
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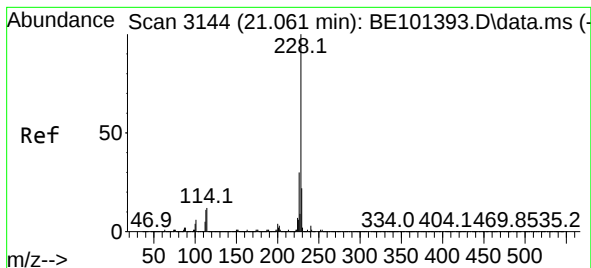
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#80
 Butylbenzylphthalate
 Concen: 49.446 ng
 RT: 20.184 min Scan# 2995
 Delta R.T. -0.001 min
 Lab File: BE101428.D
 Acq: 31 Oct 2024 12:09

Tgt Ion:149 Resp: 1155552
 Ion Ratio Lower Upper
 149 100
 91 64.9 51.8 77.8
 206 21.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 49.903 ng

RT: 21.054 min Scan# 3143

Delta R.T. -0.007 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

Tgt Ion:228 Resp: 271898

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

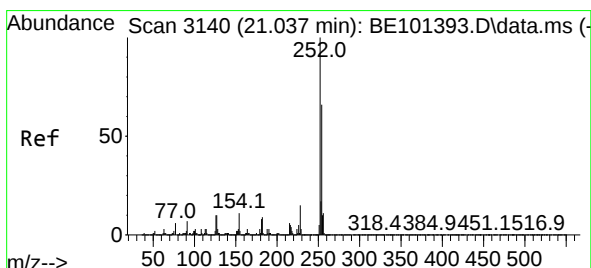
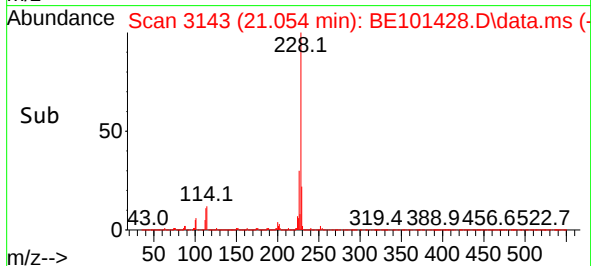
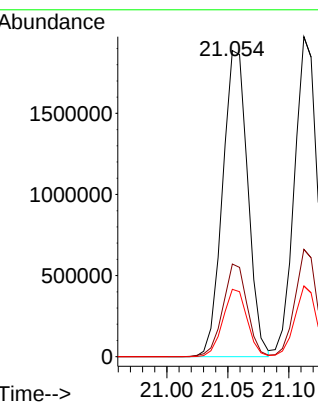
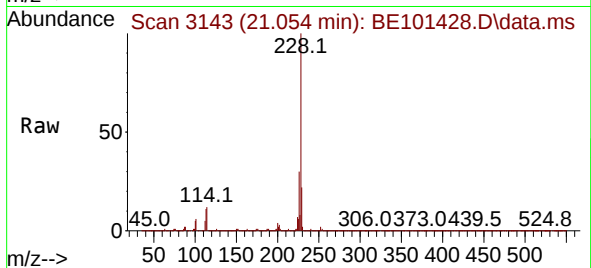
229 22.0 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.690 ng

RT: 21.036 min Scan# 3140

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

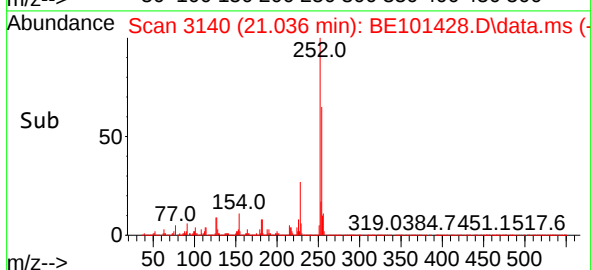
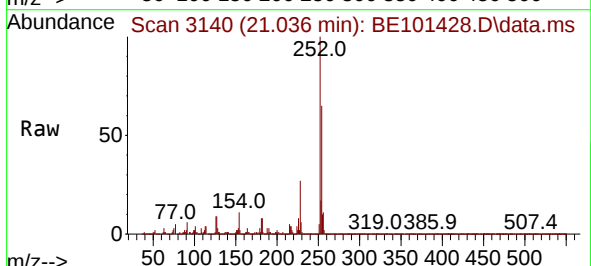
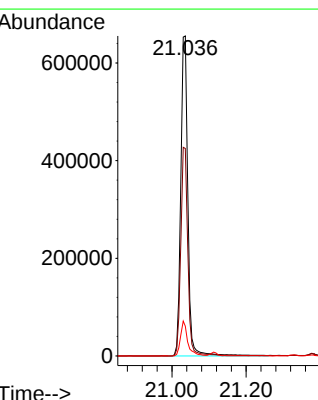
Tgt Ion:252 Resp: 868485

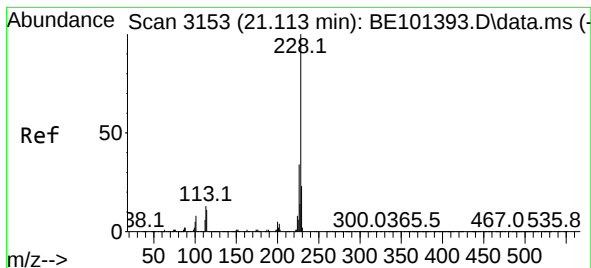
Ion Ratio Lower Upper

252 100

254 64.9 52.6 78.8

126 9.3 7.7 11.5





#83

Chrysene

Concen: 49.051 ng

RT: 21.112 min Scan# 3153

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

Tgt Ion:228 Resp: 2584029

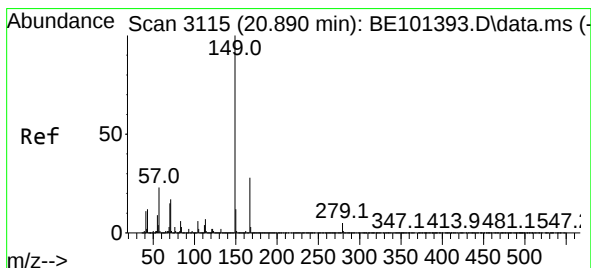
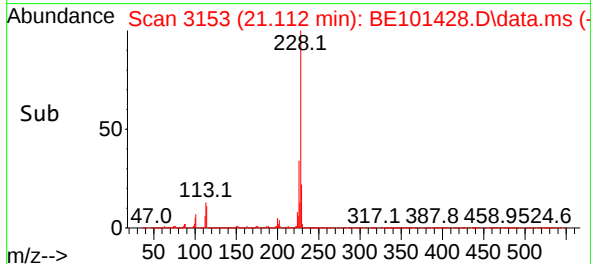
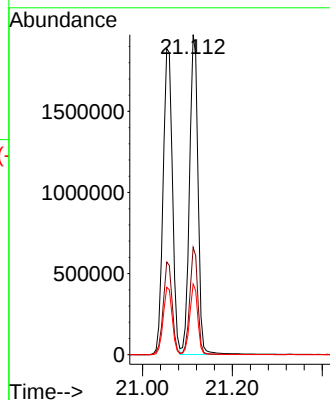
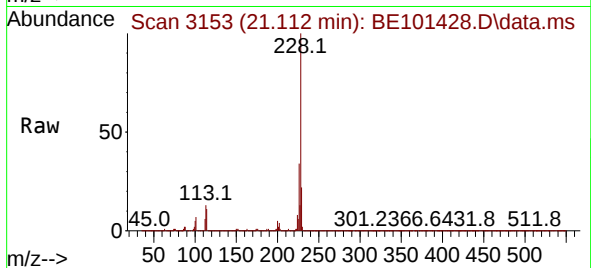
Ion	Ratio	Lower	Upper
228	100		
226	33.5	27.2	40.8
229	22.1	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.845 ng

RT: 20.883 min Scan# 3114

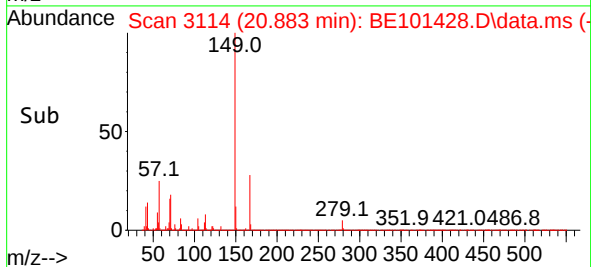
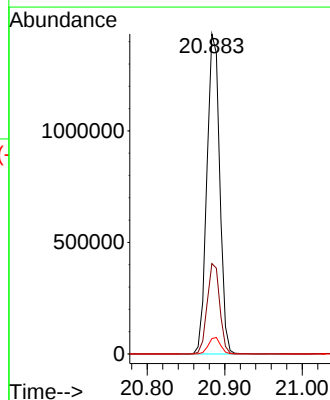
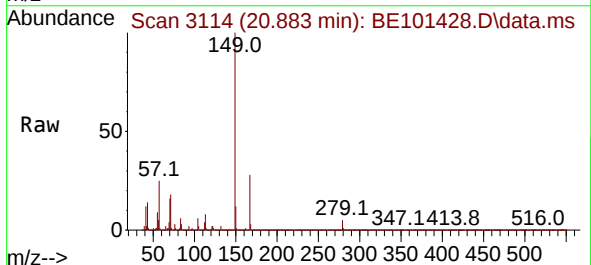
Delta R.T. -0.007 min

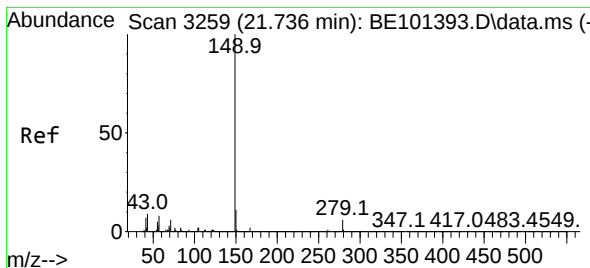
Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Tgt Ion:149 Resp: 1640604

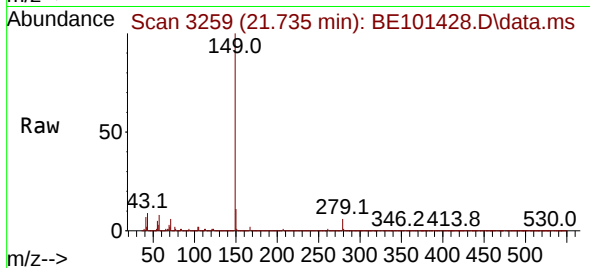
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.7	34.1
279	4.8	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 55.201 ng
RT: 21.735 min Scan# 31
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

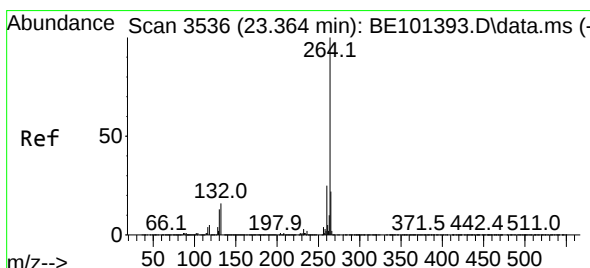
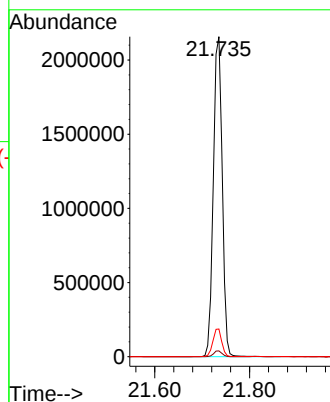
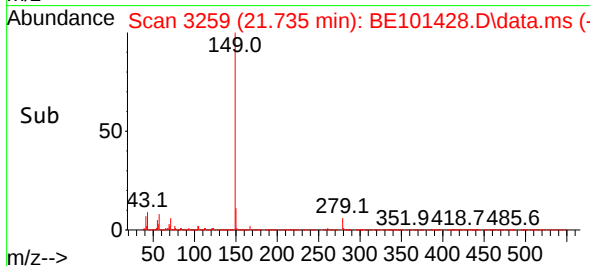
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion:149 Resp: 2812770
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.7 7.0 10.4

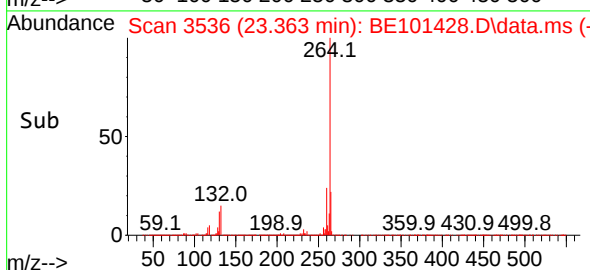
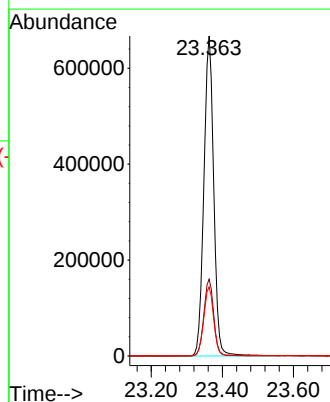
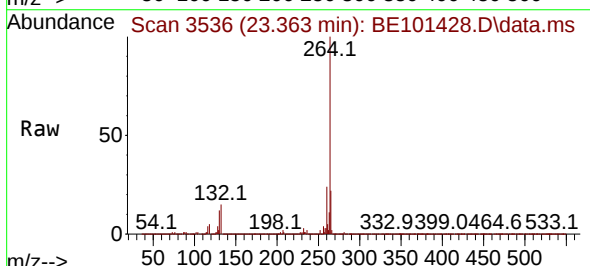
Manual Integrations
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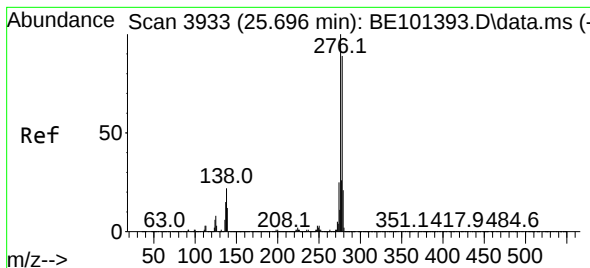
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:264 Resp: 1285878
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.8
265 21.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.078 ng

RT: 25.695 min Scan# 3933

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

Tgt Ion:276 Resp: 4395609

Ion Ratio Lower Upper

276 100

138 22.2 17.8 26.8

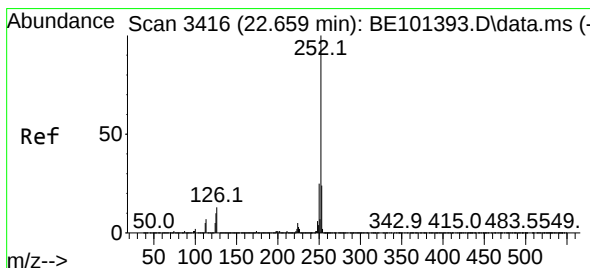
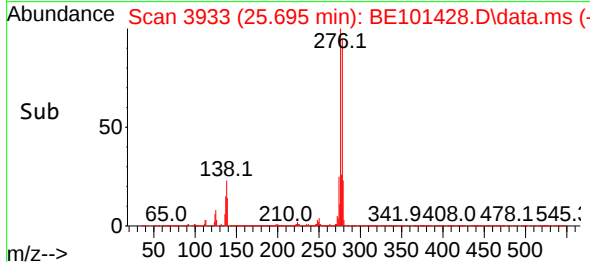
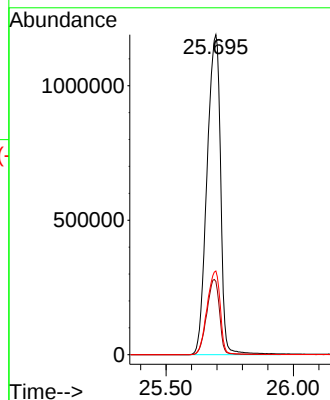
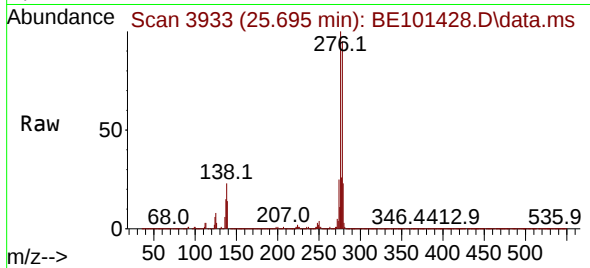
277 25.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 46.720 ng

RT: 22.658 min Scan# 3416

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

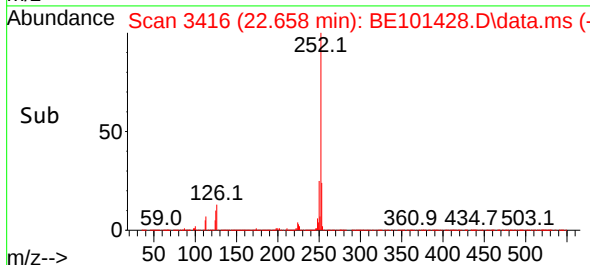
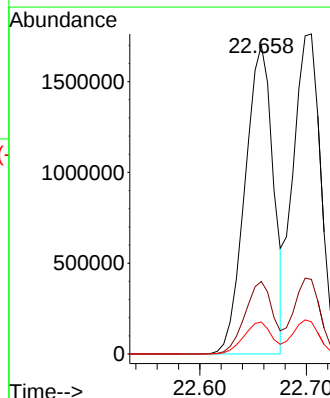
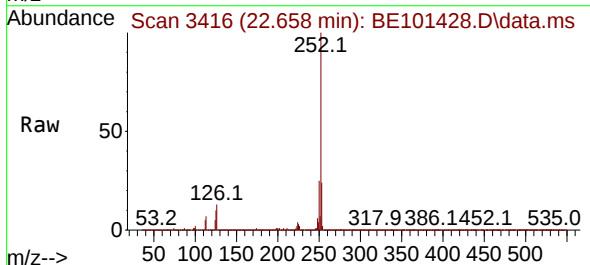
Tgt Ion:252 Resp: 3130767

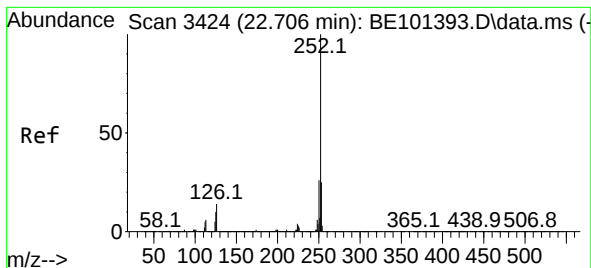
Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.6

125 10.4 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 51.114 ng

RT: 22.705 min Scan# 3424

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

Instrument :

BNA_E

ClientSampleId :

PB164533BSD

Tgt Ion:252 Resp: 320004

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.2

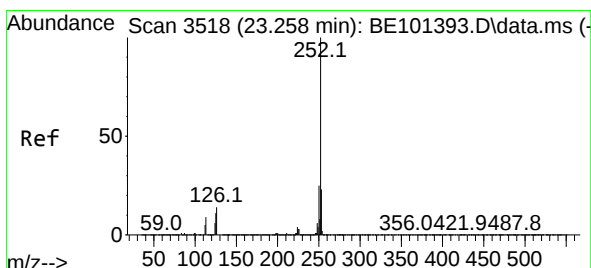
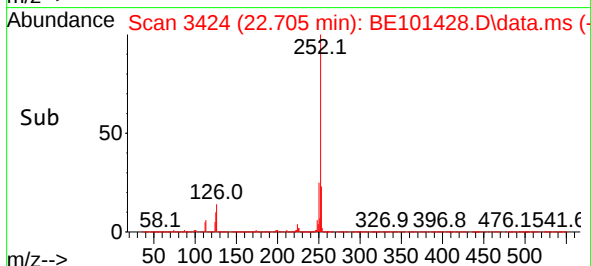
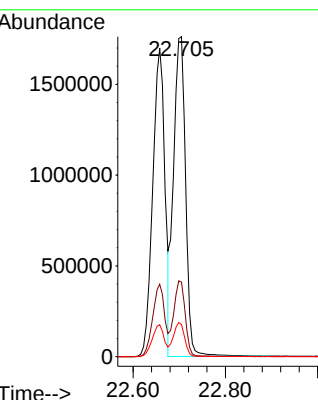
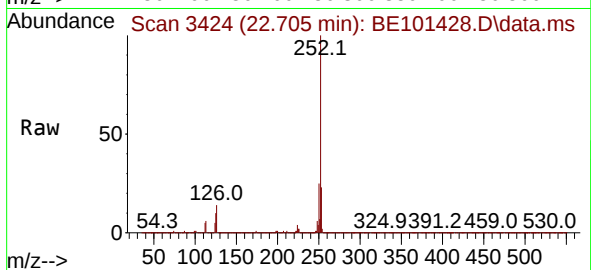
125 10.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 52.509 ng

RT: 23.257 min Scan# 3518

Delta R.T. -0.001 min

Lab File: BE101428.D

Acq: 31 Oct 2024 12:09

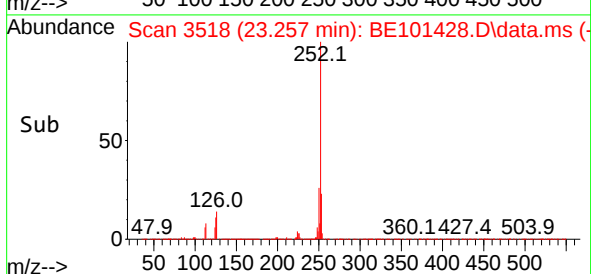
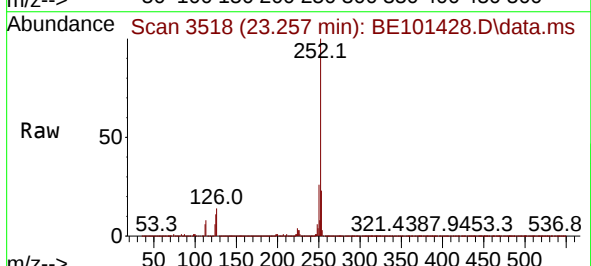
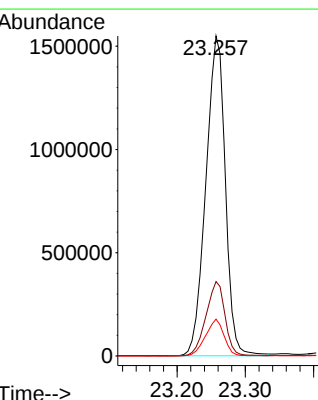
Tgt Ion:252 Resp: 3077320

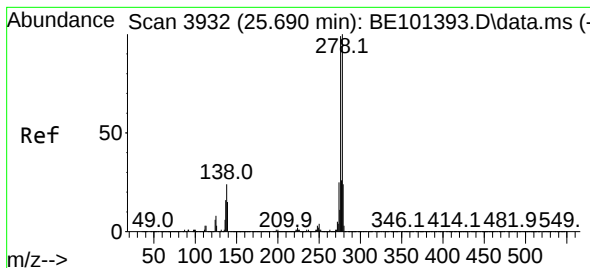
Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

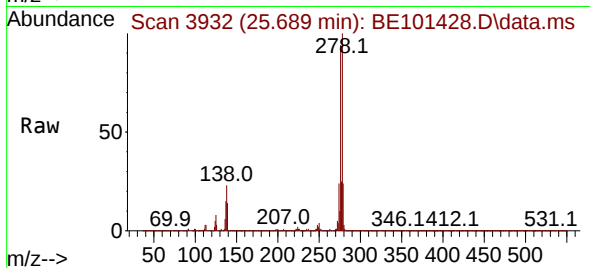
125 11.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 50.992 ng
RT: 25.689 min Scan# 3932
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

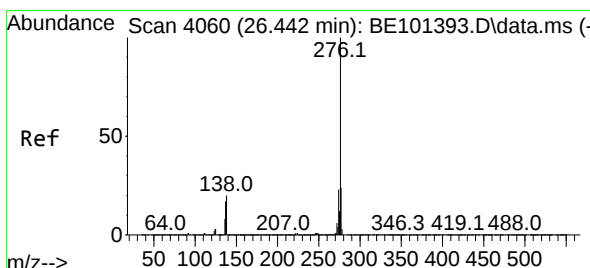
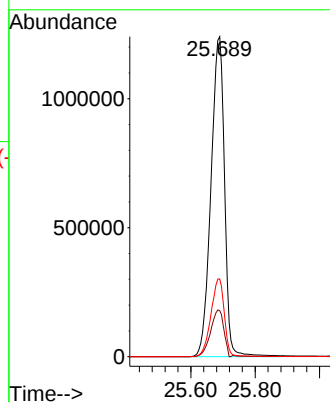
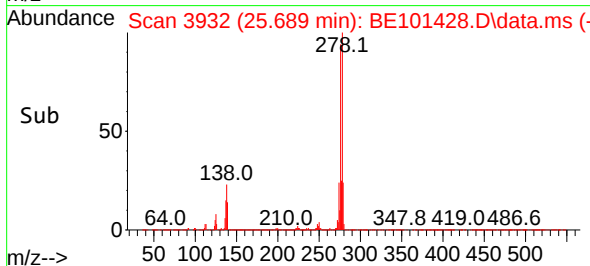
Instrument :
BNA_E
ClientSampleId :
PB164533BSD



Tgt Ion:278 Resp: 362599
Ion Ratio Lower Upper
278 100
139 14.4 11.9 17.9
279 24.3 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#92
Benzo(g,h,i)perylene
Concen: 45.621 ng
RT: 26.441 min Scan# 4060
Delta R.T. -0.001 min
Lab File: BE101428.D
Acq: 31 Oct 2024 12:09

Tgt Ion:276 Resp: 3342524
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.2
138 19.7 15.8 23.6

