

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140792.D
 Acq On : 09 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5095-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 18:08:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	63535	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	235636	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128638	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	239472	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	124543	20.000	ng	0.00
86) Perylene-d12	15.551	264	130200	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	557789	149.792	ng	0.01
7) Phenol-d6	6.516	99	669772	136.053	ng	0.00
23) Nitrobenzene-d5	7.428	82	498832	108.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	228769	166.282	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	963368	111.582	ng	-0.01
79) Terphenyl-d14	12.980	244	936199	117.051	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	74095	47.326	ng	# 83
3) Pyridine	3.540	79	134548	39.059	ng	99
4) n-Nitrosodimethylamine	3.457	42	103304	51.024	ng	93
6) Aniline	6.534	93	58304	16.827	ng	# 1
8) 2-Chlorophenol	6.663	128	215029	53.674	ng	94
9) Benzaldehyde	6.428	77	8565	3.287	ng	95
10) Phenol	6.528	94	238292	47.398	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	205848	53.506	ng	99
12) 1,3-Dichlorobenzene	6.804	146	206053	45.774	ng	98
13) 1,4-Dichlorobenzene	6.881	146	209419	45.946	ng	99
14) 1,2-Dichlorobenzene	7.034	146	202579	47.431	ng	99
15) Benzyl Alcohol	7.016	79	192590	52.753	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	238773	52.535	ng	# 63
17) 2-Methylphenol	7.134	107	170350	53.120	ng	94
18) Hexachloroethane	7.369	117	76621	45.009	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	157936	54.284	ng	97
20) 3+4-Methylphenols	7.286	107	223621	54.251	ng	# 72
22) Acetophenone	7.275	105	308388	53.682	ng	# 93
24) Nitrobenzene	7.451	77	240674	50.549	ng	97
25) Isophorone	7.686	82	420805	54.766	ng	100
26) 2-Nitrophenol	7.763	139	115012	54.509	ng	97
27) 2,4-Dimethylphenol	7.804	122	175872m	69.666	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	252040	53.844	ng	99
29) 2,4-Dichlorophenol	8.016	162	185526	55.461	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	188188	49.271	ng	99
31) Naphthalene	8.163	128	630405	51.939	ng	99
32) Benzoic acid	7.945	122	107082	48.632	ng	98
33) 4-Chloroaniline	8.233	127	30816	8.480	ng	99
34) Hexachlorobutadiene	8.275	225	122451	48.403	ng	100
35) Caprolactam	8.592	113	47018m	45.418	ng	
36) 4-Chloro-3-methylphenol	8.716	107	203086	54.223	ng	99
37) 2-Methylnaphthalene	8.857	142	420498	54.546	ng	100
38) 1-Methylnaphthalene	8.957	142	387103	51.228	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	207401	55.074	ng	100
41) Hexachlorocyclopentadiene	9.004	237	120002	136.135	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	130124	55.066	ng	99

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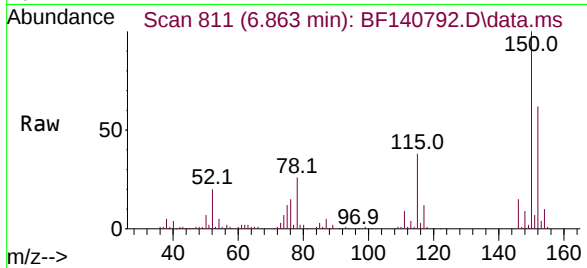
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138026	53.820	ng	97
46) 1,1'-Biphenyl	9.322	154	526128	54.781	ng	100
47) 2-Chloronaphthalene	9.351	162	392918	53.992	ng	98
48) 2-Nitroaniline	9.451	65	125933	53.912	ng	97
49) Acenaphthylene	9.763	152	637528	57.980	ng	99
50) Dimethylphthalate	9.622	163	482427	56.944	ng	100
51) 2,6-Dinitrotoluene	9.692	165	104943	54.618	ng	95
52) Acenaphthene	9.933	154	387362	55.444	ng	99
53) 3-Nitroaniline	9.869	138	29663	15.785	ng	96
54) 2,4-Dinitrophenol	9.986	184	111985	109.354	ng	92
55) Dibenzofuran	10.110	168	593031	55.649	ng	99
56) 4-Nitrophenol	10.051	139	104599	81.614	ng	95
57) 2,4-Dinitrotoluene	10.104	165	140928	55.188	ng	94
58) Fluorene	10.451	166	478571	55.948	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	119495	60.627	ng	90
60) Diethylphthalate	10.322	149	475891	55.286	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	234481	55.858	ng	98
62) 4-Nitroaniline	10.486	138	87530	44.410	ng	93
63) Azobenzene	10.604	77	449754	55.175	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	74319	60.732	ng	96
66) n-Nitrosodiphenylamine	10.563	169	371906	52.516	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	138070	55.985	ng	98
68) Hexachlorobenzene	11.004	284	157096	55.013	ng	98
69) Atrazine	11.092	200	80823	40.569	ng	98
70) Pentachlorophenol	11.210	266	124242	98.854	ng	100
71) Phenanthrene	11.421	178	661060	57.428	ng	100
72) Anthracene	11.474	178	671421	59.628	ng	100
73) Carbazole	11.633	167	569315	52.557	ng	99
74) Di-n-butylphthalate	11.951	149	721072	57.659	ng	99
75) Fluoranthene	12.610	202	632663	50.620	ng	99
77) Benzidine	12.757	184	6978m	1.927	ng	
78) Pyrene	12.845	202	626983	54.447	ng	99
80) Butylbenzylphthalate	13.451	149	235451	56.758	ng	99
81) Benzo(a)anthracene	14.039	228	478872	58.086	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	24916	10.066	ng	99
83) Chrysene	14.074	228	436033	57.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	306433	58.500	ng	99
85) Di-n-octyl phthalate	14.639	149	457880	63.962	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	362816	42.760	ng	99
88) Benzo(b)fluoranthene	15.109	252	510520	62.426	ng	99
89) Benzo(k)fluoranthene	15.139	252	419453	58.611	ng	99
90) Benzo(a)pyrene	15.486	252	425445	63.982	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	309674	44.564	ng	99
92) Benzo(g,h,i)perylene	17.527	276	243639	34.359	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

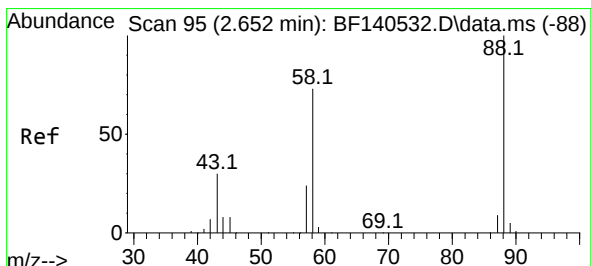
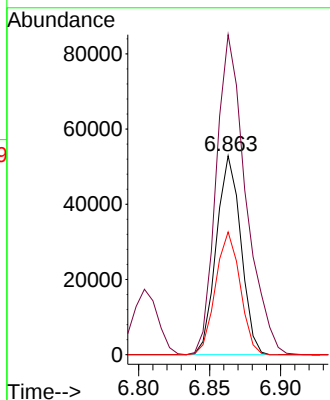
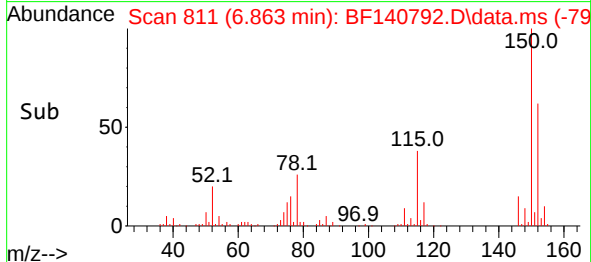
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:152 Resp: 6353
Ion Ratio Lower Upper
152 100
150 160.9 128.5 192.7
115 61.7 50.2 75.4

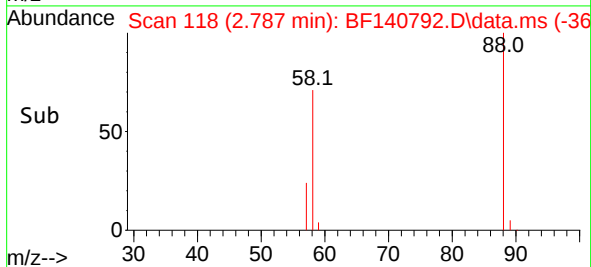
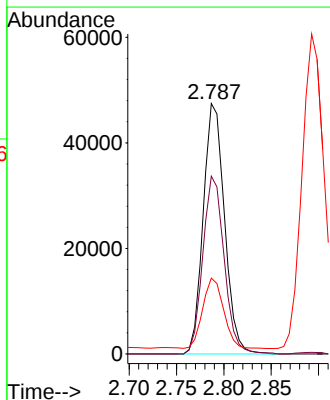
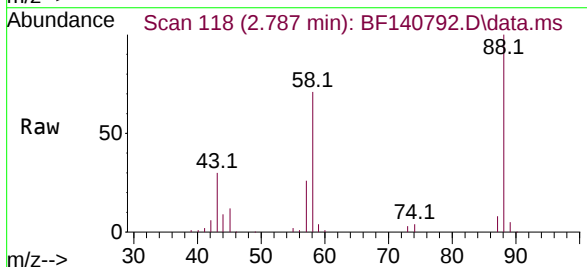
Manual Integrations
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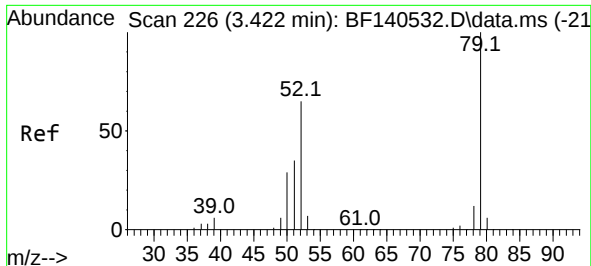
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 47.326 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.135 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 88 Resp: 74095
Ion Ratio Lower Upper
88 100
58 71.1 57.4 86.2
43 0.0 24.3 36.5





#3

Pyridine

Concen: 39.059 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.118 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion: 79 Resp: 13454

Ion Ratio Lower Upper

79 100

52 64.5 52.1 78.1

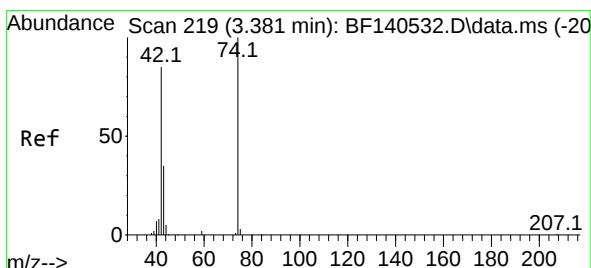
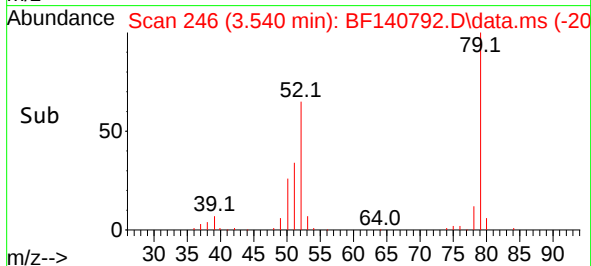
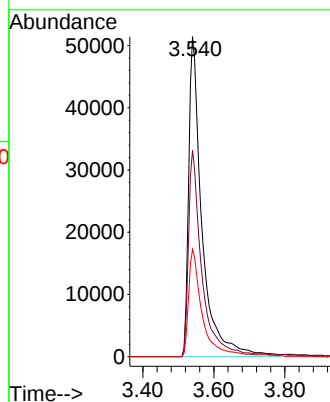
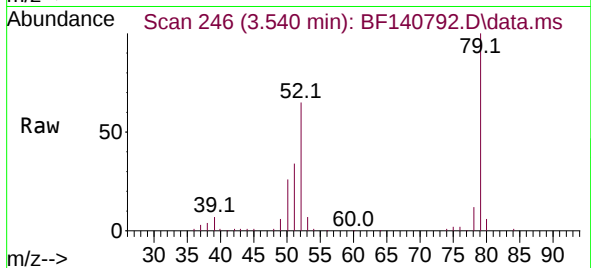
51 33.5 27.8 41.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 51.024 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.076 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

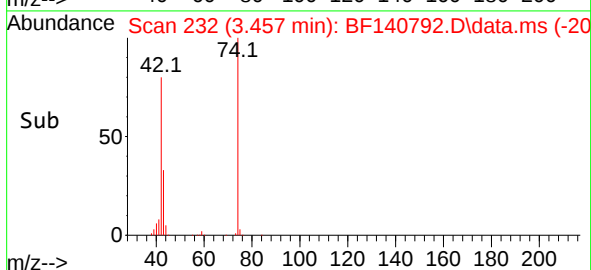
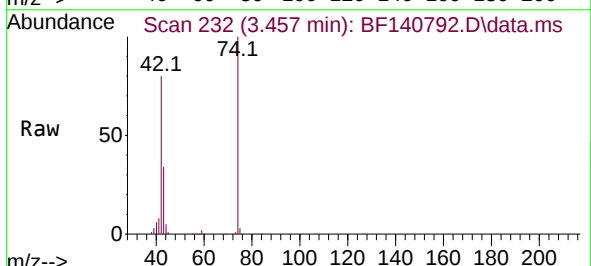
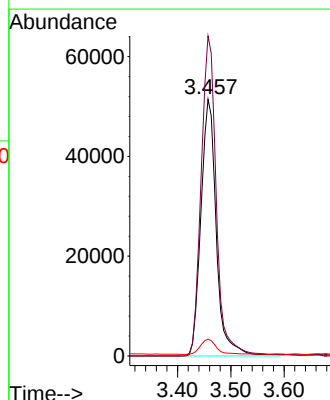
Tgt Ion: 42 Resp: 103304

Ion Ratio Lower Upper

42 100

74 124.7 93.8 140.6

44 6.5 4.6 6.8





#5
2-Fluorophenol
Concen: 149.792 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

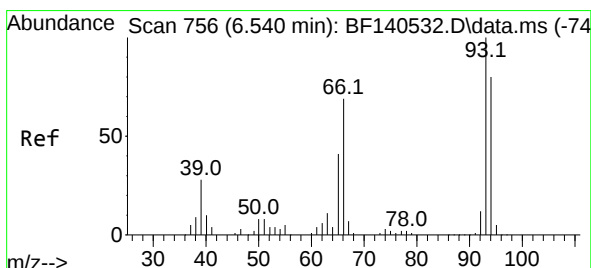
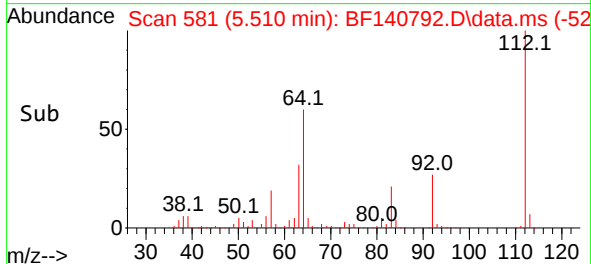
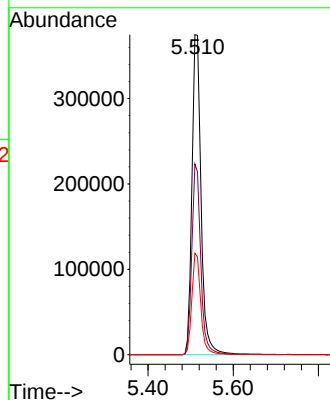
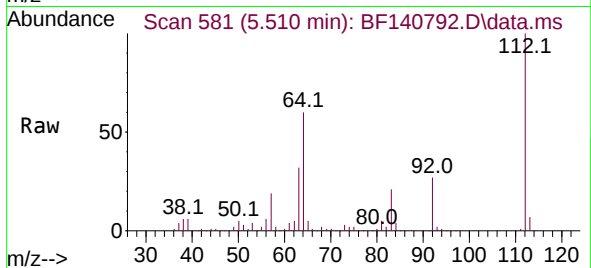
Tgt Ion:112 Resp: 557789
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.7 27.0 40.4

Manual Integrations

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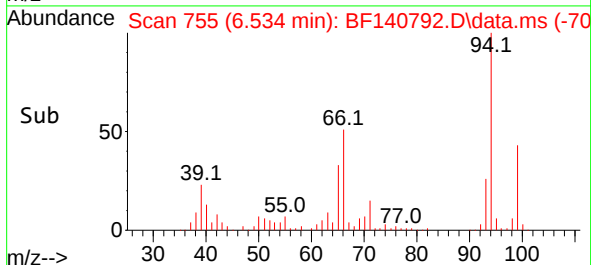
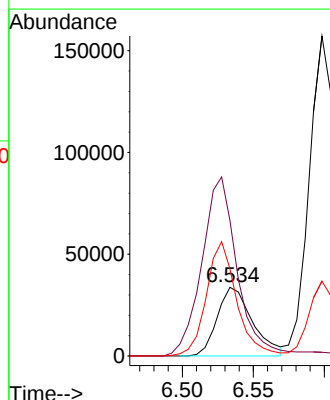
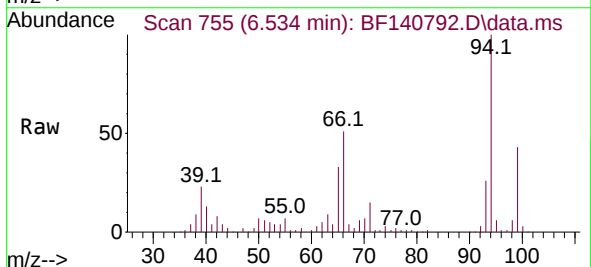
Reviewed By :Yogesh Patel 12/11/2024

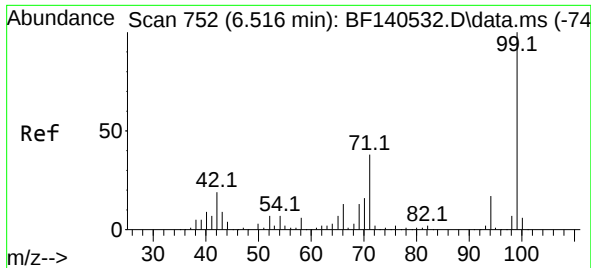
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 16.827 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

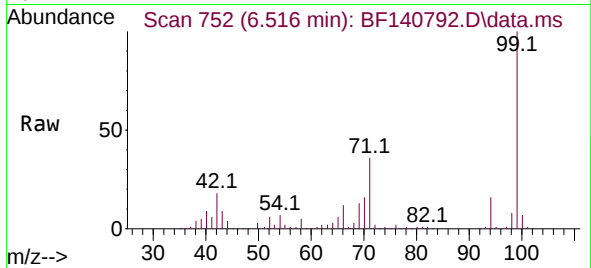
Tgt Ion: 93 Resp: 58304
Ion Ratio Lower Upper
93 100
66 197.1 56.5 84.7#
65 126.7 32.9 49.3#





#7
Phenol-d6
Concen: 136.053 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

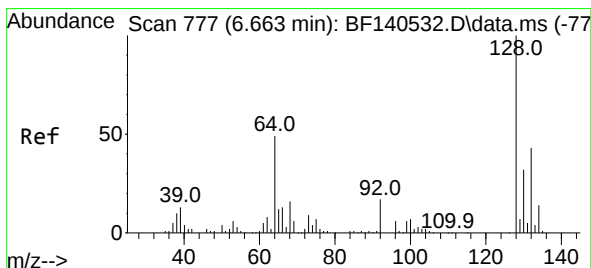
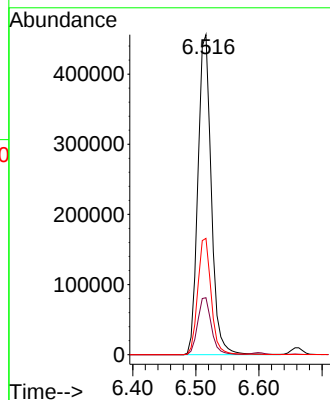
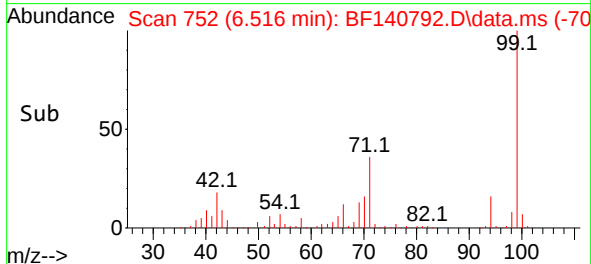
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ClientSampleId :
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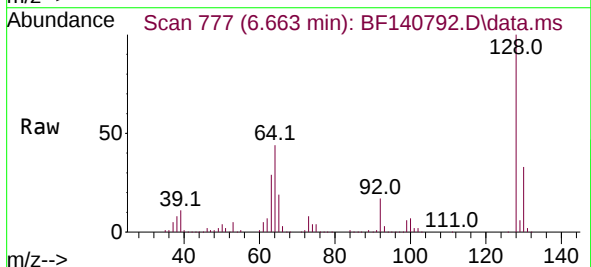
Tgt Ion: 99 Resp: 669772
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.3 30.6 46.0

Manual Integrations
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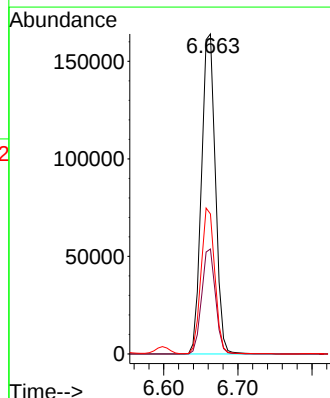
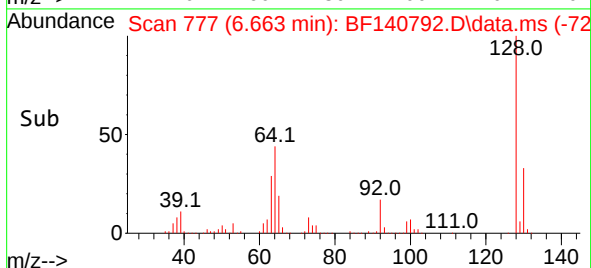
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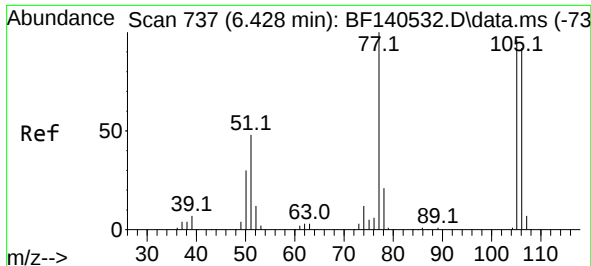


#8
2-Chlorophenol
Concen: 53.674 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



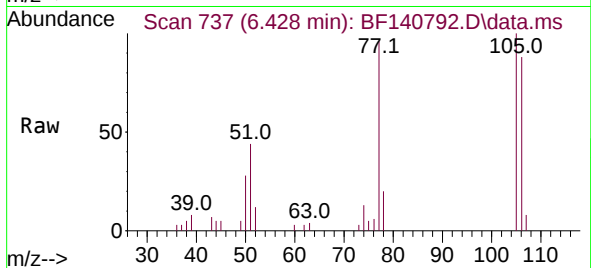
Tgt Ion:128 Resp: 215029
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 43.8 30.2 70.2





#9
Benzaldehyde
Concen: 3.287 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

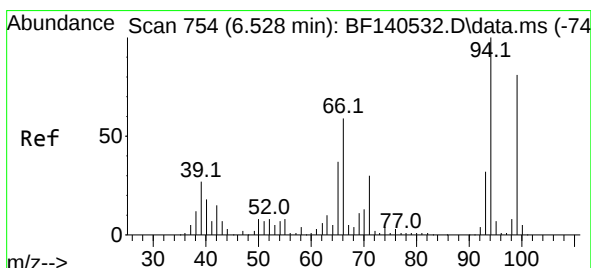
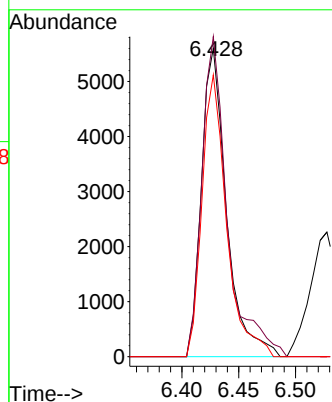
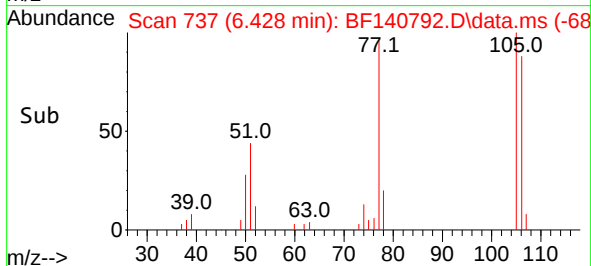
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion: 77	Resp: 856
Ion Ratio	Lower Upper
77	100
105	103.8 75.6 115.6
106	91.4 72.0 112.0

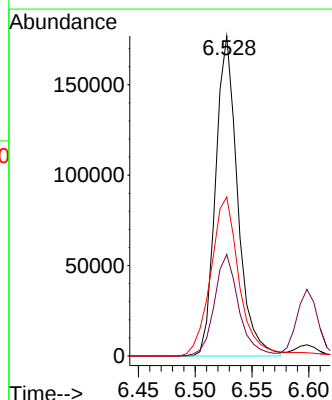
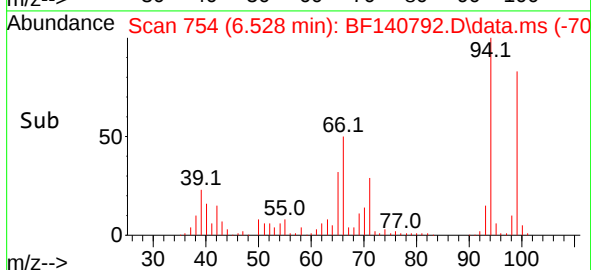
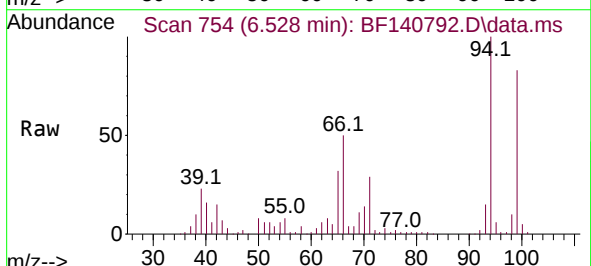
Manual Integrations
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Supervised By :mohammad ahmed 12/12/2024



#10
Phenol
Concen: 47.398 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 94	Resp: 238292
Ion Ratio	Lower Upper
94	100
65	31.7 17.2 57.2
66	49.7 39.2 79.2





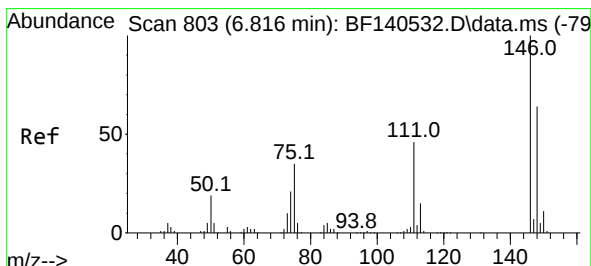
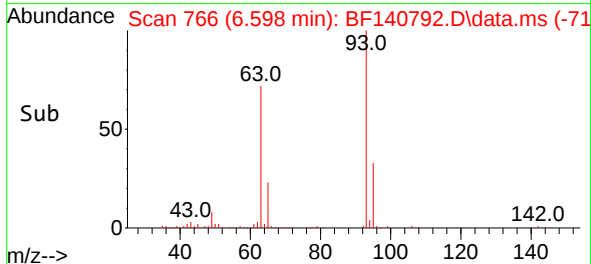
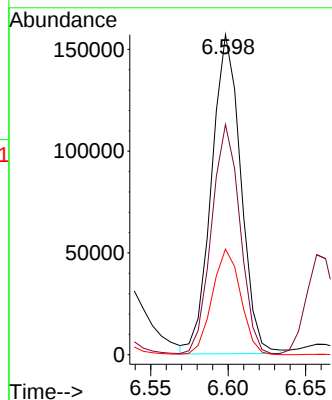
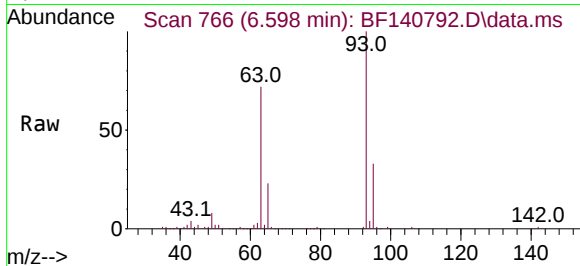
#11
bis(2-Chloroethyl)ether
Concen: 53.506 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion: 93 Resp: 20584
Ion Ratio Lower Upper
93 100
63 71.9 52.8 92.8
95 33.0 12.3 52.3

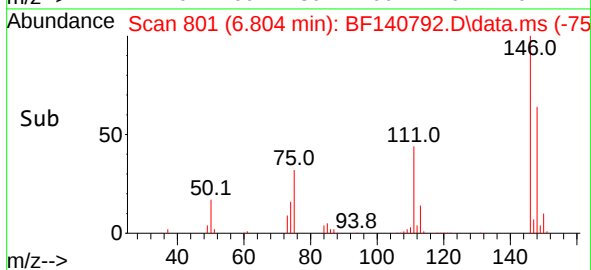
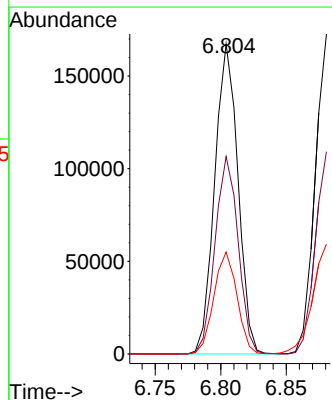
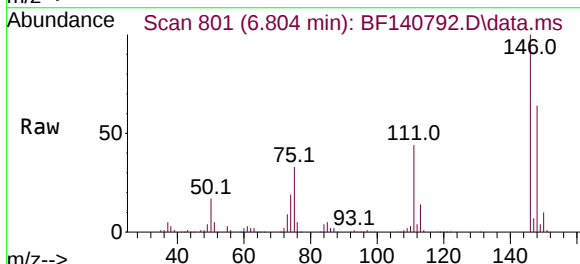
Manual Integrations
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Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 45.774 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:146 Resp: 206053
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 32.9 28.2 42.2





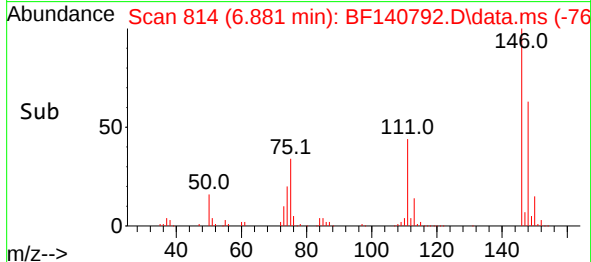
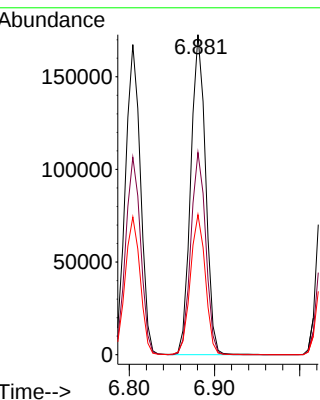
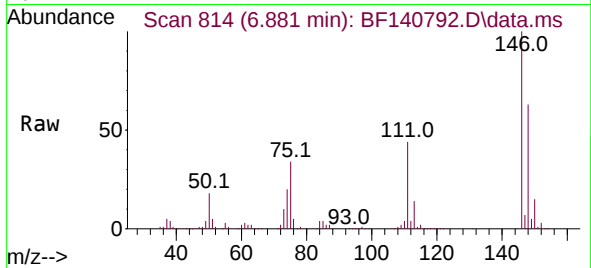
#13
1,4-Dichlorobenzene
Concen: 45.946 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:146 Resp: 209419
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 43.8 35.3 52.9

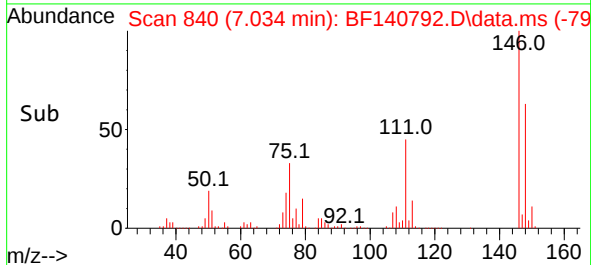
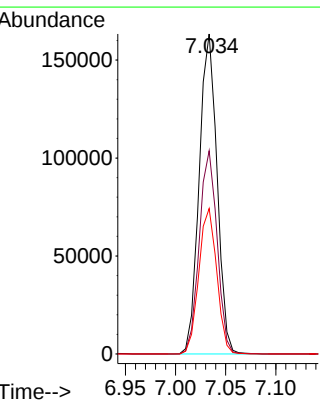
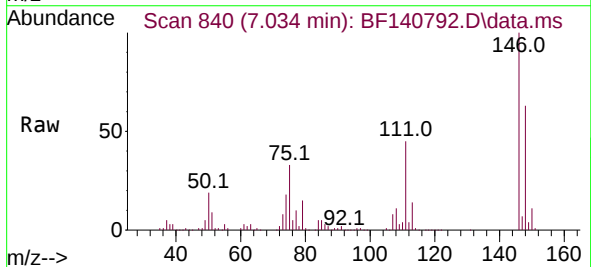
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 47.431 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

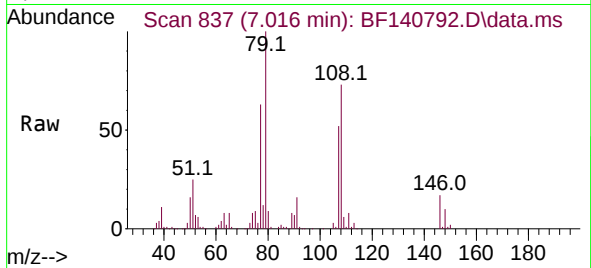
Tgt Ion:146 Resp: 202579
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 45.4 36.7 55.1





#15
Benzyl Alcohol
Concen: 52.753 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

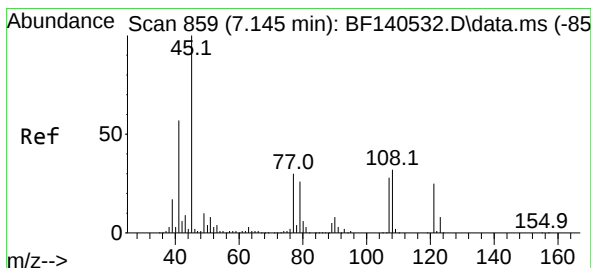
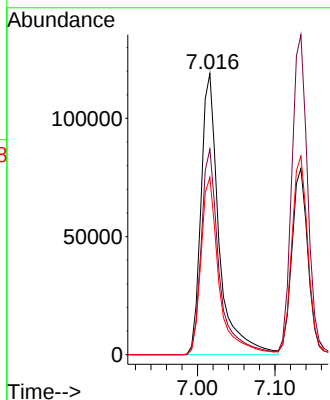
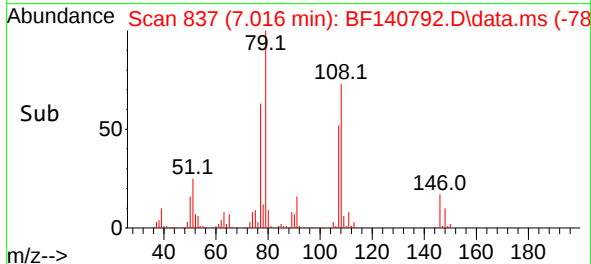
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



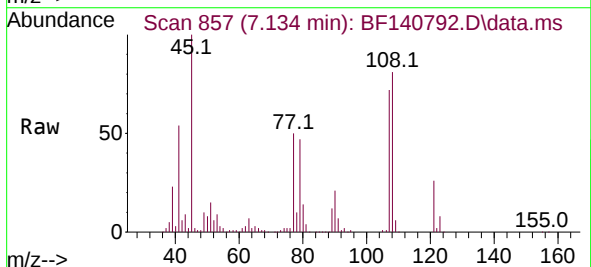
Tgt Ion: 79 Resp: 192590
Ion Ratio Lower Upper
79 100
108 73.1 55.0 82.6
77 63.0 50.1 75.1

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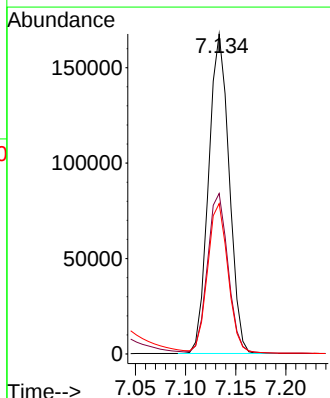
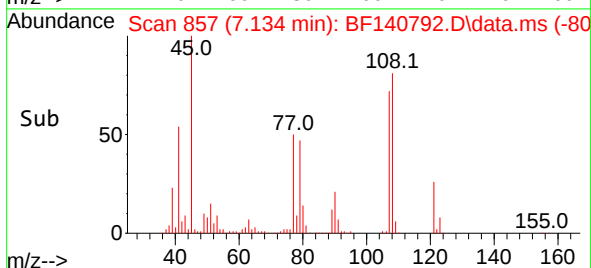
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

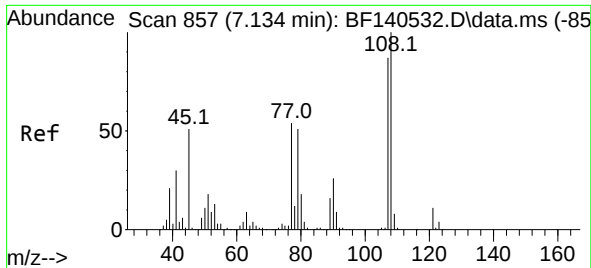


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.535 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



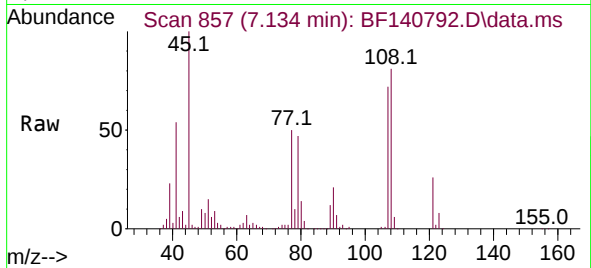
Tgt Ion: 45 Resp: 238773
Ion Ratio Lower Upper
45 100
77 50.2 10.7 50.7
79 47.0 7.0 47.0#





#17
2-Methylphenol
Concen: 53.120 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

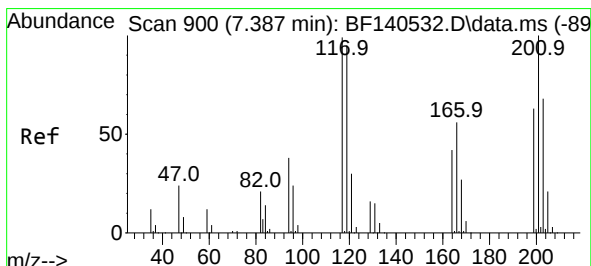
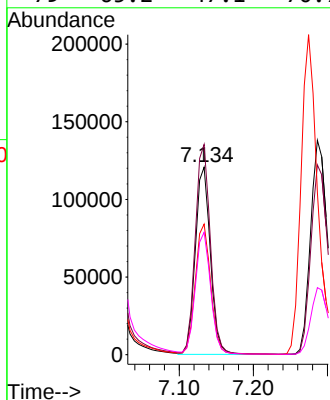
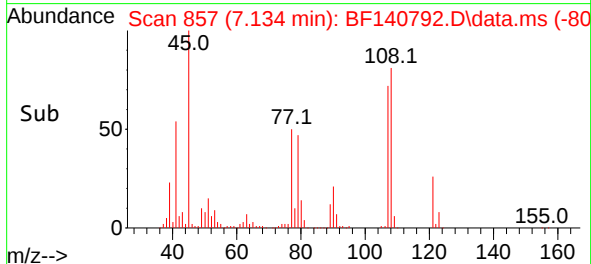
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:107 Resp: 170350
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 69.6 49.3 73.9
79 65.2 47.1 70.7

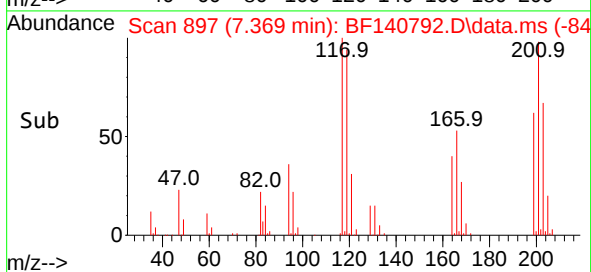
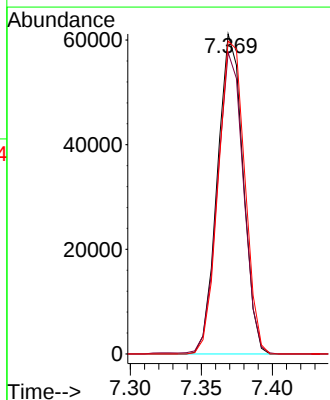
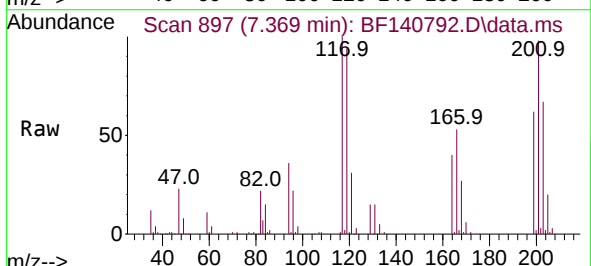
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 45.009 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:117 Resp: 76621
Ion Ratio Lower Upper
117 100
119 94.2 77.1 115.7
201 97.8 81.1 121.7





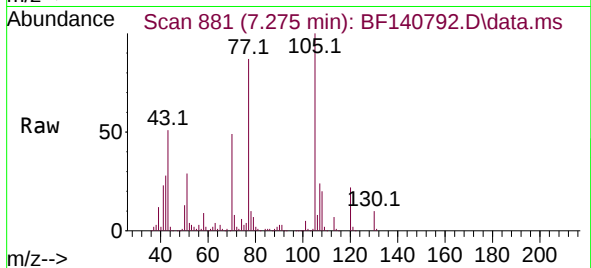
#19
n-Nitroso-di-n-propylamine
Concen: 54.284 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

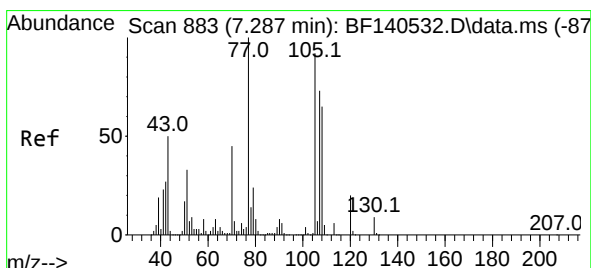
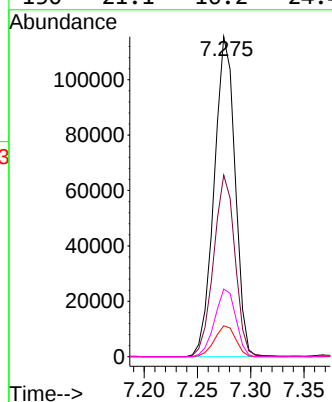
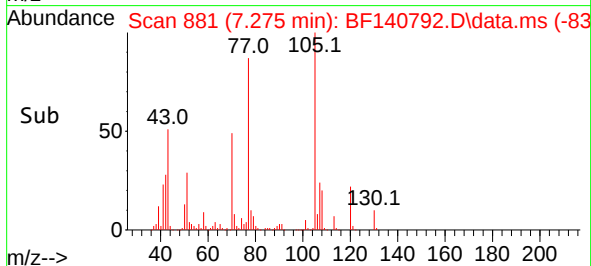


Tgt Ion: 70 Resp: 157930
Ion Ratio Lower Upper
70 100
42 56.7 47.6 71.4
101 9.7 7.6 11.4
130 21.1 16.2 24.4

Manual Integrations

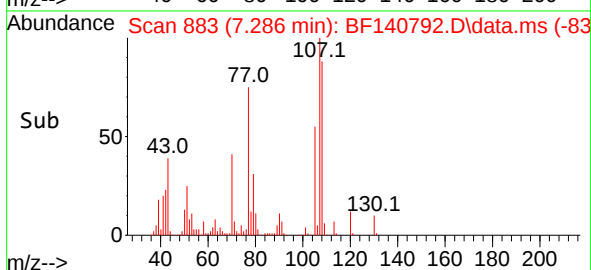
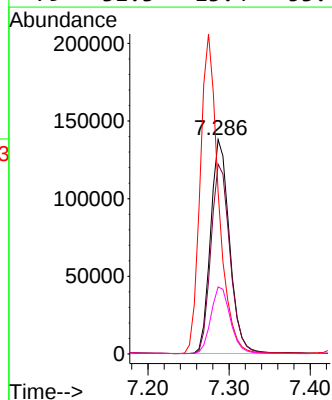
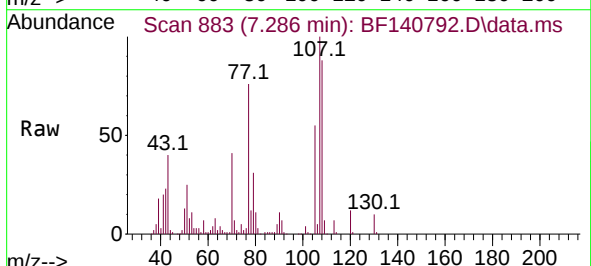
APPROVED

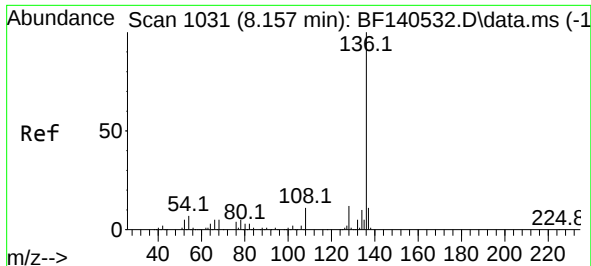
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#20
3+4-Methylphenols
Concen: 54.251 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:107 Resp: 223621
Ion Ratio Lower Upper
107 100
108 88.5 69.9 109.9
77 75.5 117.7 157.7#
79 31.3 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

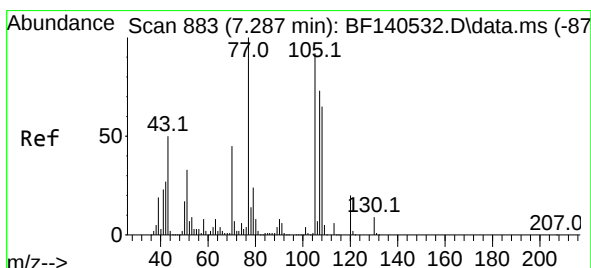
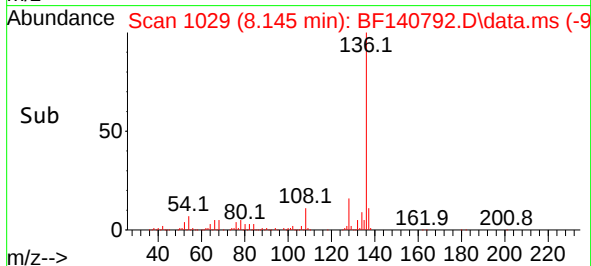
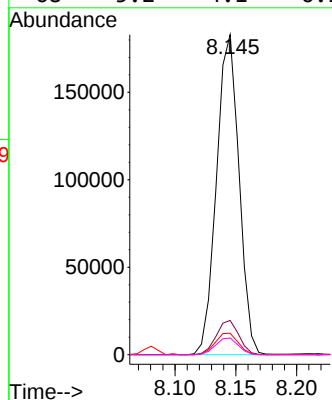
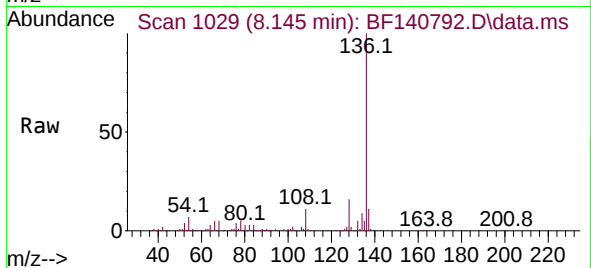
MH-764MSD

Tgt Ion:136 Resp: 235630
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.7 5.8 8.8
68 5.2 4.1 6.1

Manual Integrations

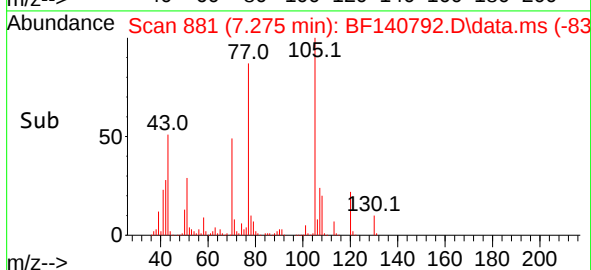
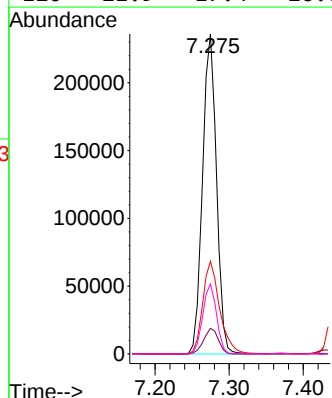
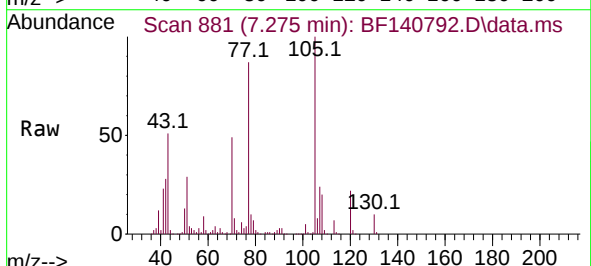
APPROVED

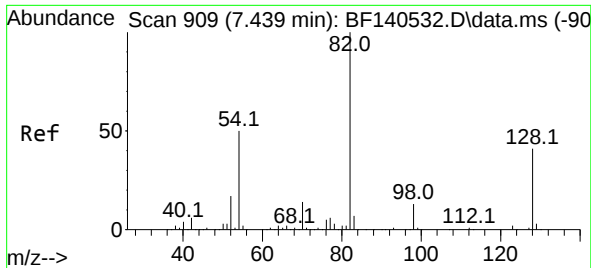
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 53.682 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:105 Resp: 308388
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 29.0 29.0 43.6#
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 108.283 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion: 82 Resp: 498832

Ion Ratio Lower Upper

82 100

128 42.4 33.0 49.4

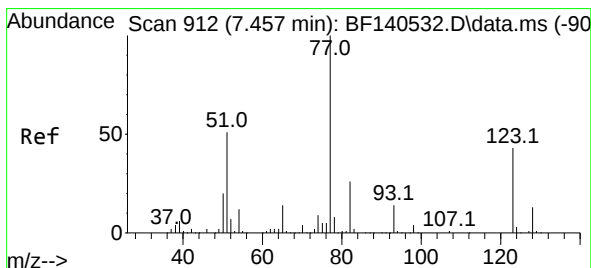
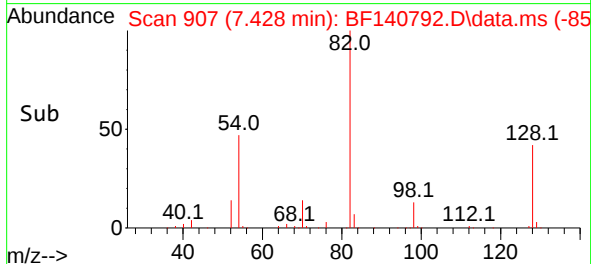
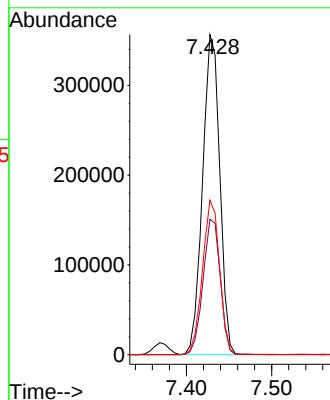
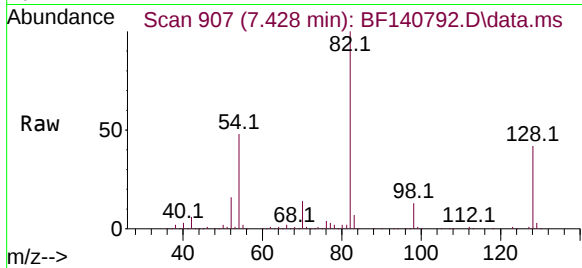
54 48.3 39.5 59.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#24

Nitrobenzene

Concen: 50.549 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

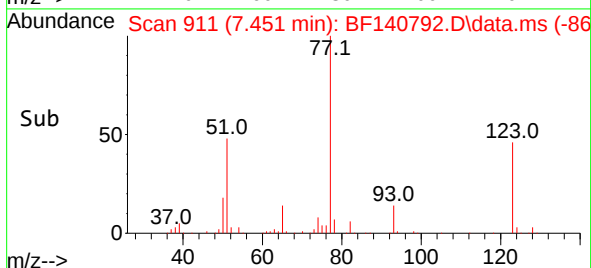
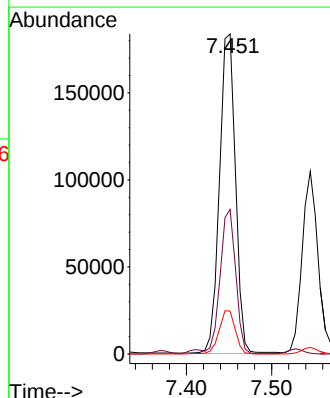
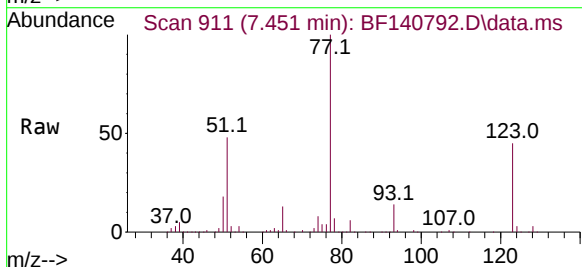
Tgt Ion: 77 Resp: 240674

Ion Ratio Lower Upper

77 100

123 45.2 34.3 51.5

65 13.4 11.2 16.8





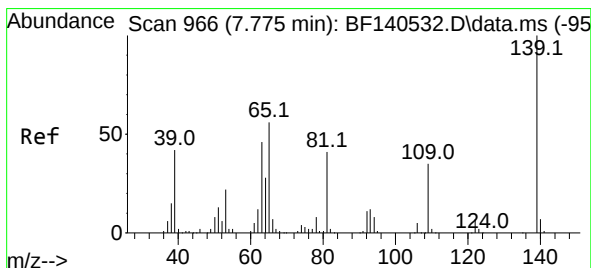
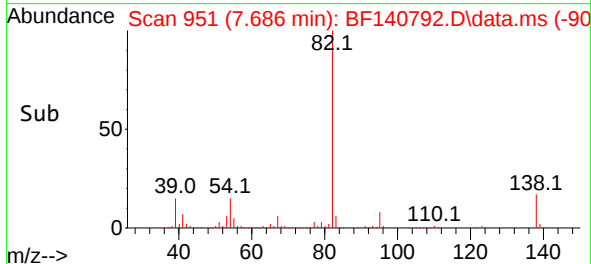
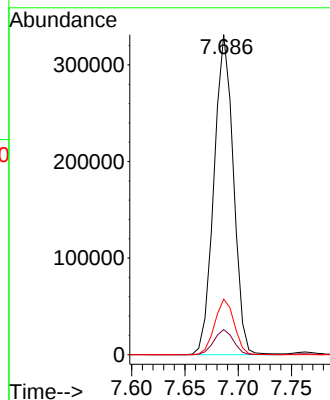
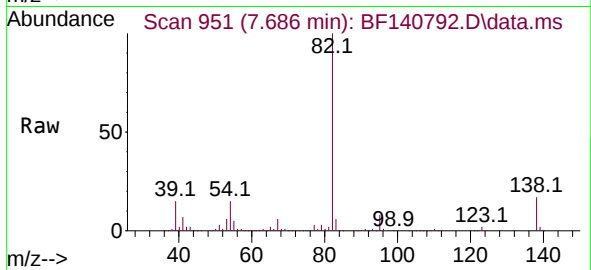
#25
Isophorone
Concen: 54.766 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion: 82 Resp: 42080
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.3 13.8 20.6

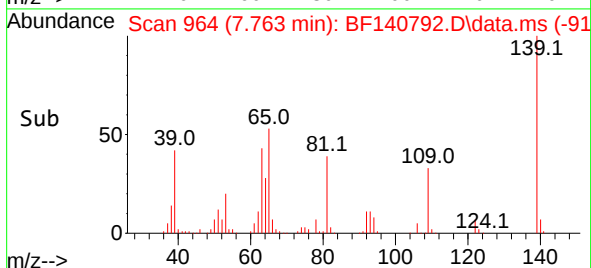
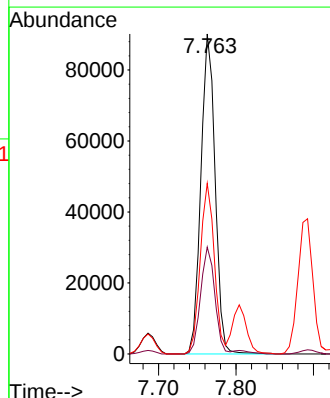
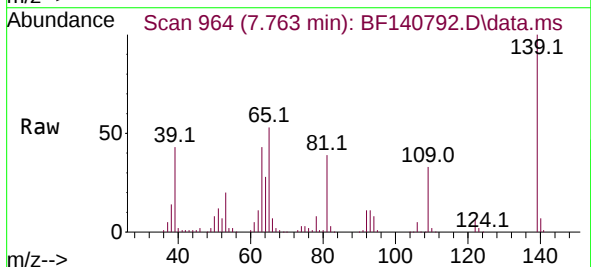
Manual Integrations
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Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 54.509 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:139 Resp: 115012
Ion Ratio Lower Upper
139 100
109 33.4 28.0 42.0
65 53.3 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 69.666 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

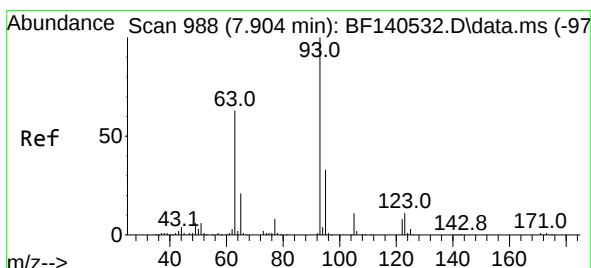
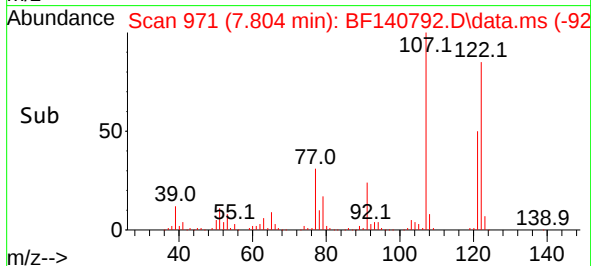
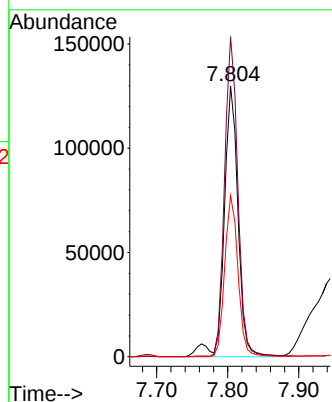
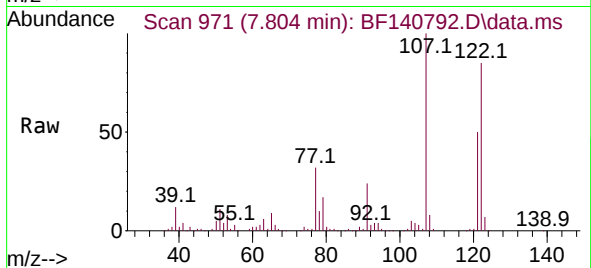
MH-764MSD

Tgt Ion:122 Resp: 175872
Ion Ratio Lower Upper
122 100
107 118.2 96.8 145.2
121 59.5 47.4 71.0

Manual Integrations

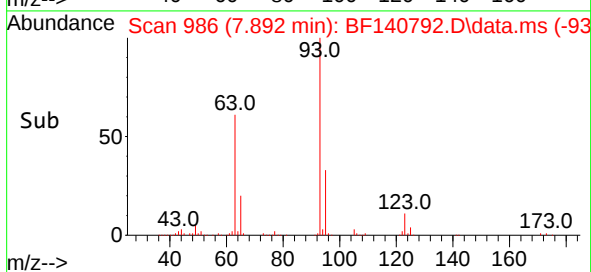
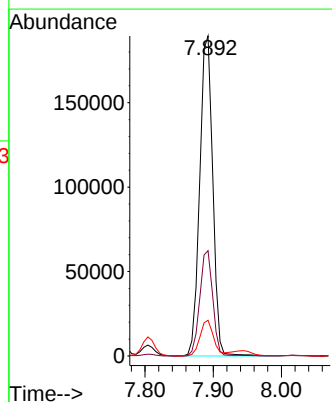
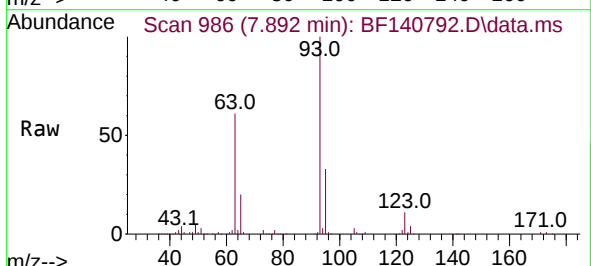
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 53.844 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 93 Resp: 252040
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.461 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

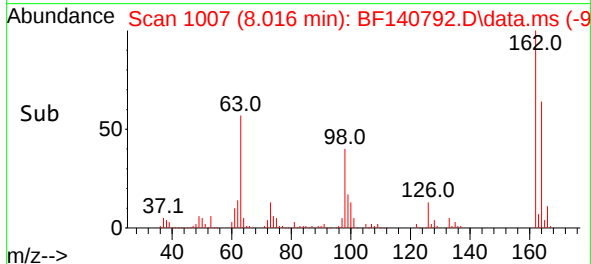
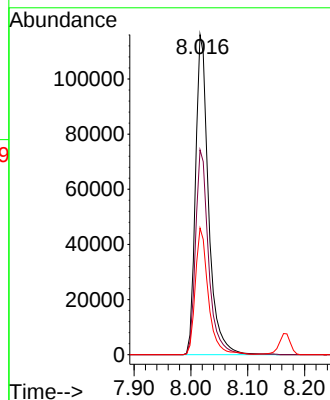
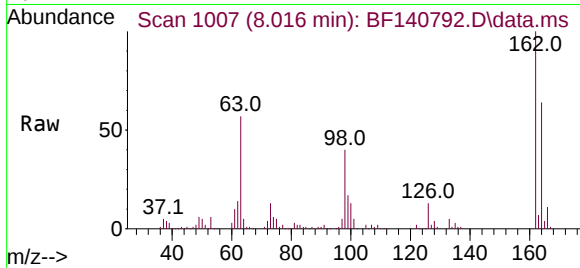
Tgt Ion:162	Resp: 185520
Ion Ratio	Lower Upper
162 100	
164 64.0	44.8 84.8
98 39.6	21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.271 ng

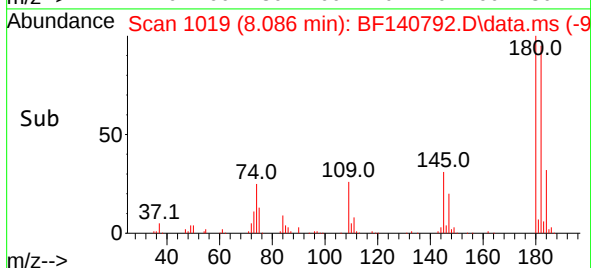
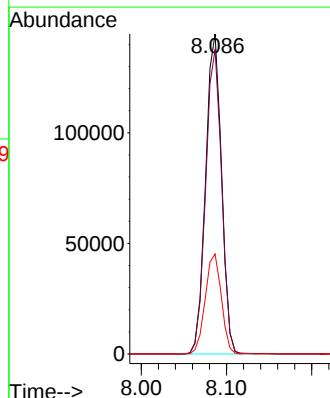
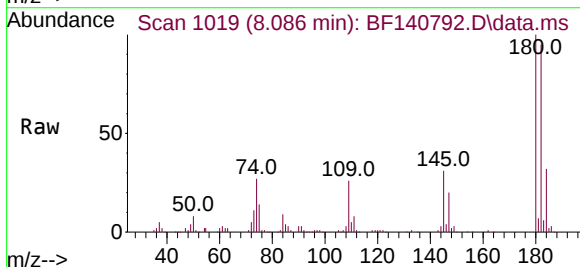
RT: 8.086 min Scan# 1019

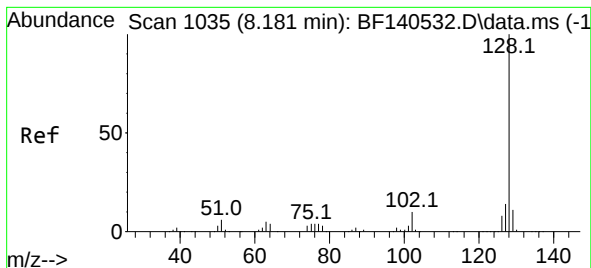
Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:180	Resp: 188188
Ion Ratio	Lower Upper
180 100	
182 95.1	76.4 114.6
145 31.3	25.9 38.9





#31

Naphthalene

Concen: 51.939 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.018 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

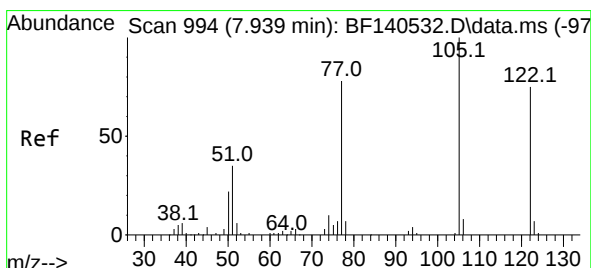
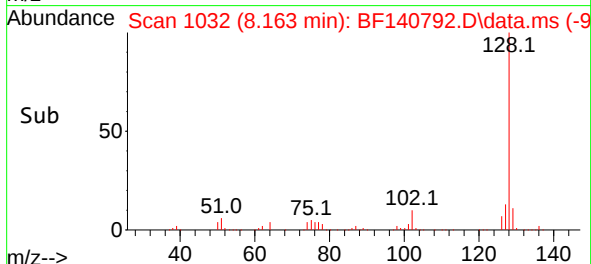
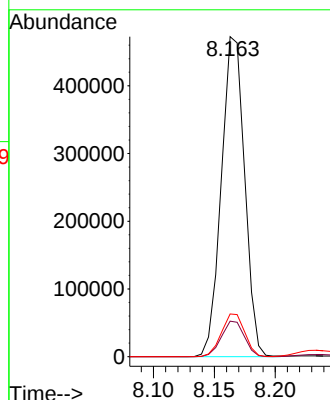
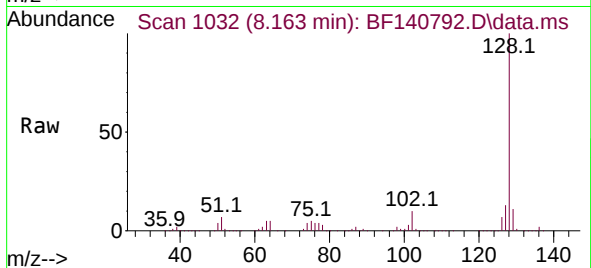
Tgt Ion:128 Resp: 630405
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#32

Benzoic acid

Concen: 48.632 ng

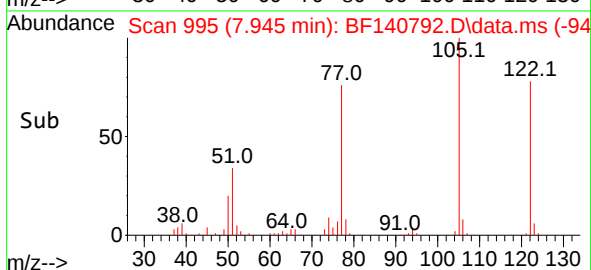
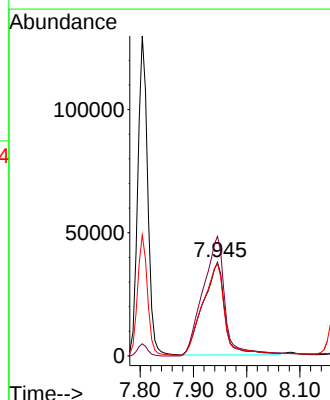
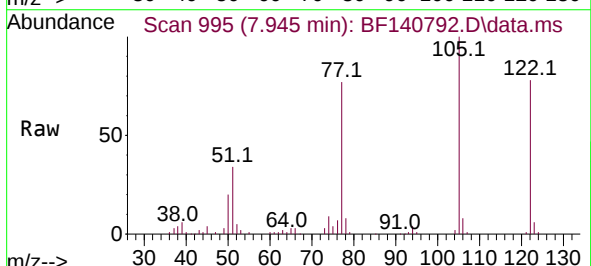
RT: 7.945 min Scan# 995

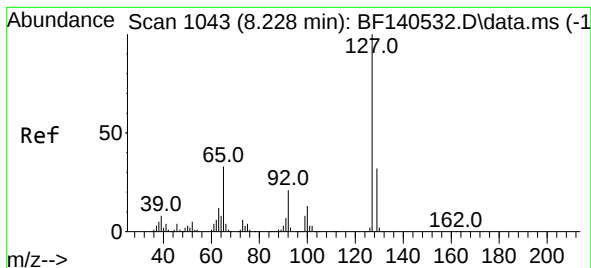
Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:122 Resp: 107082
 Ion Ratio Lower Upper
 122 100
 105 127.9 109.3 149.3
 77 98.6 82.3 122.3





#33
4-Chloroaniline
Concen: 8.480 ng
RT: 8.233 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

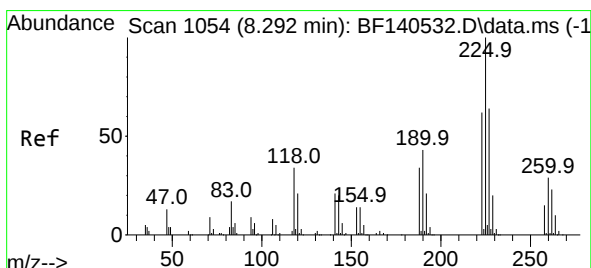
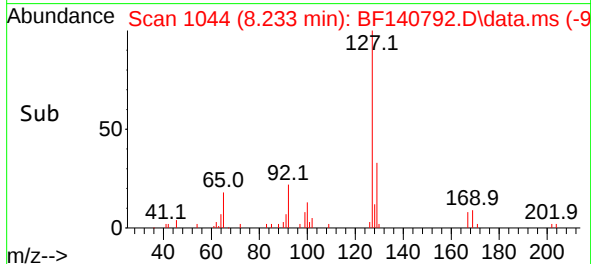
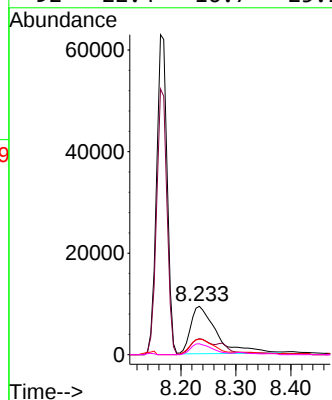
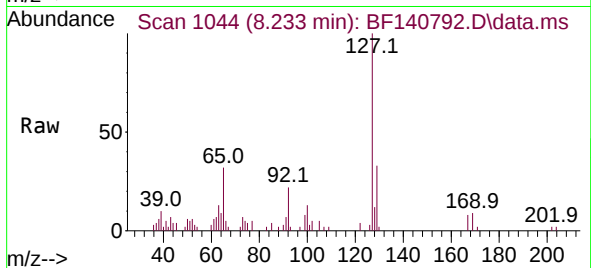
MH-764MSD

Tgt Ion:	127	Resp:	30810
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.0	39.0
65	32.2	26.0	39.0
92	22.4	16.7	25.1

Manual Integrations

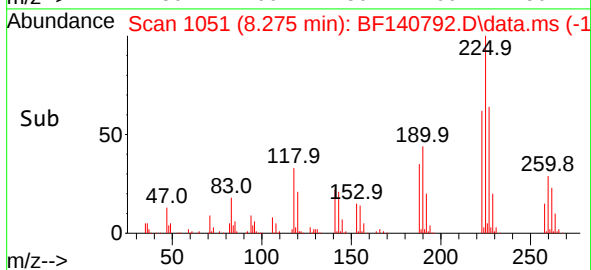
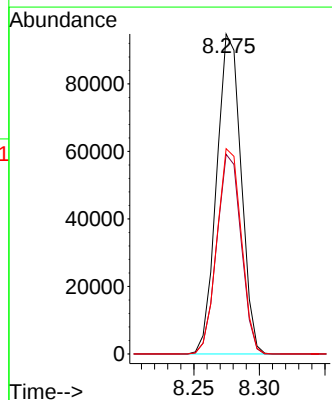
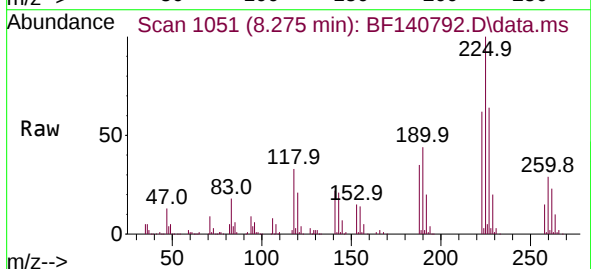
APPROVED

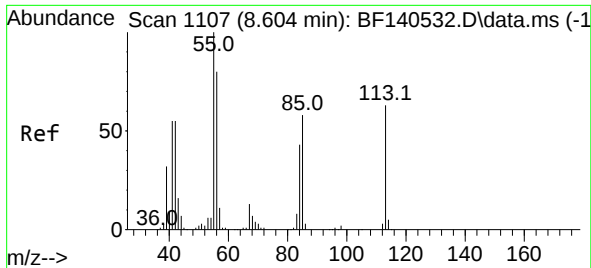
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 48.403 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

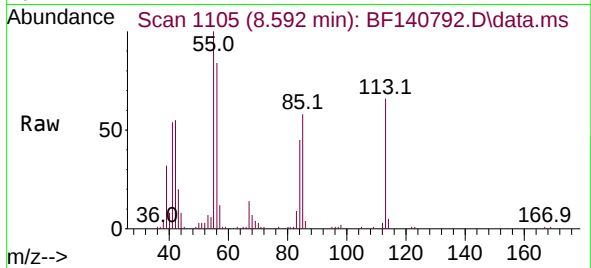
Tgt Ion:	225	Resp:	122451
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.8
227	64.1	51.3	76.9





#35
Caprolactam
Concen: 45.418 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

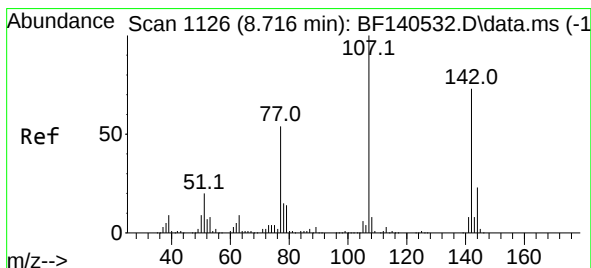
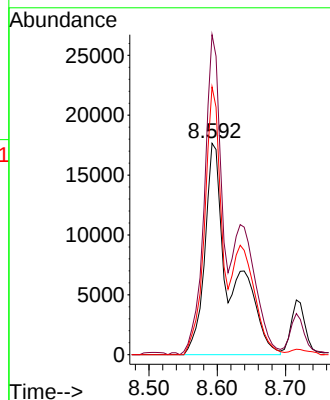
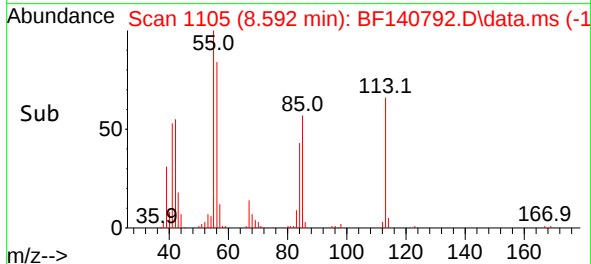
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:113 Resp: 47018
Ion Ratio Lower Upper
113 100
55 151.4 137.7 177.7
56 126.7 106.4 146.4

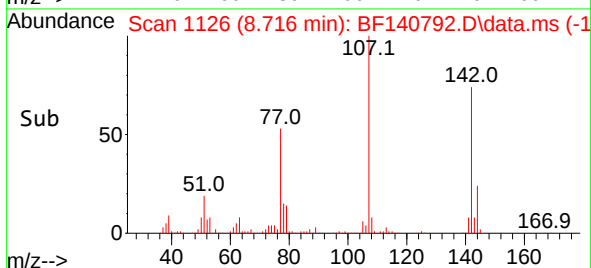
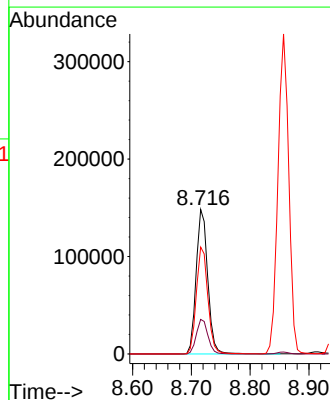
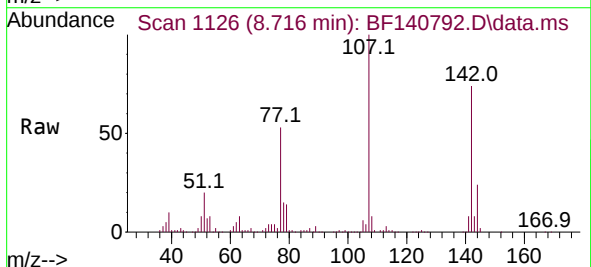
Manual Integrations
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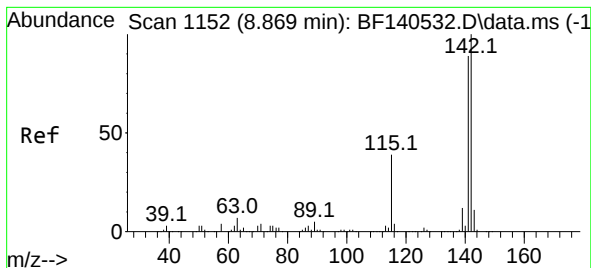
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 54.223 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:107 Resp: 203086
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 73.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 54.546 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:142 Resp: 420498

Ion Ratio Lower Upper

142 100

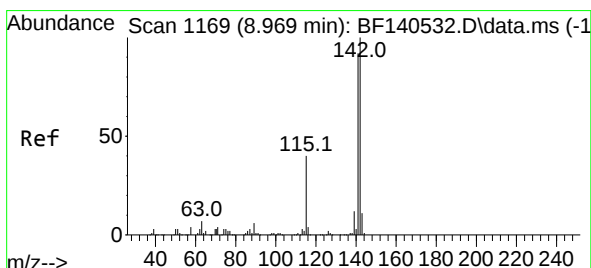
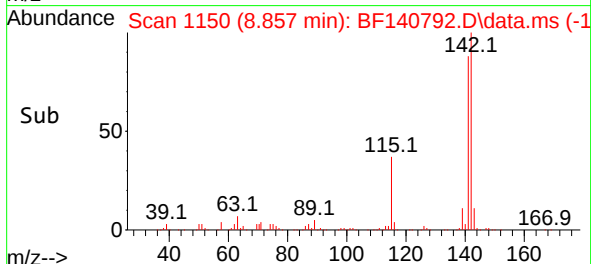
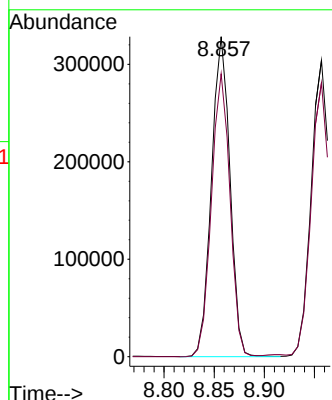
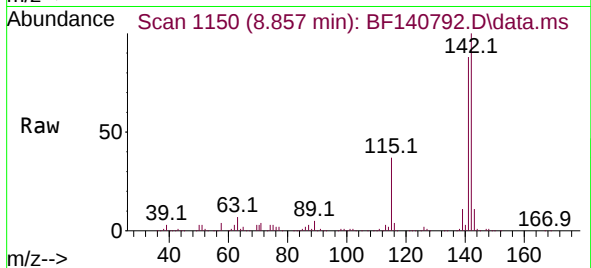
141 88.4 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#38

1-Methylnaphthalene

Concen: 51.228 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140792.D

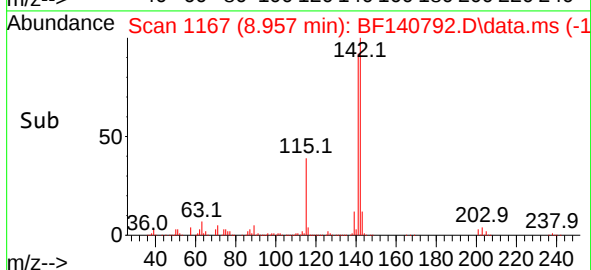
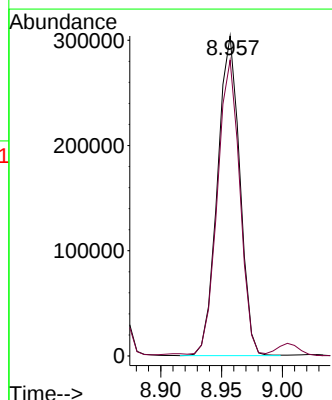
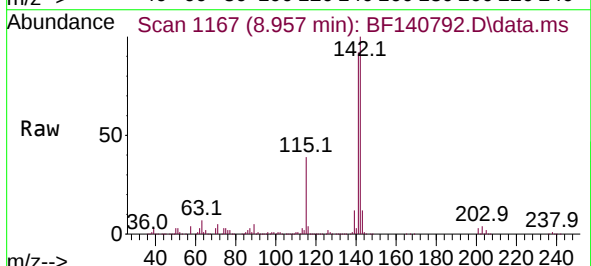
Acq: 09 Dec 2024 16:22

Tgt Ion:142 Resp: 387103

Ion Ratio Lower Upper

142 100

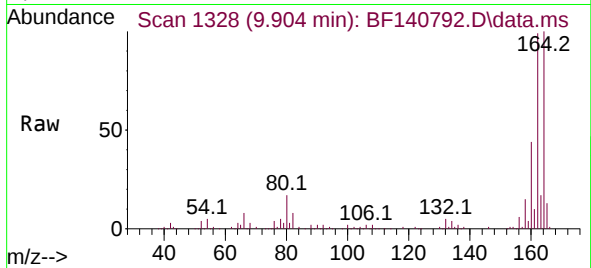
141 92.4 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

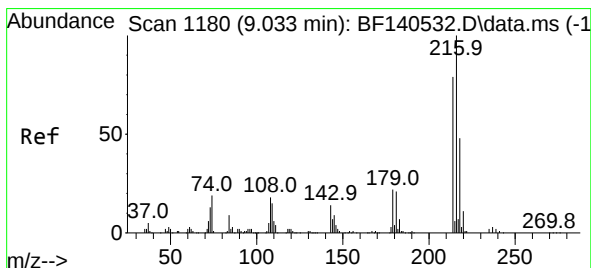
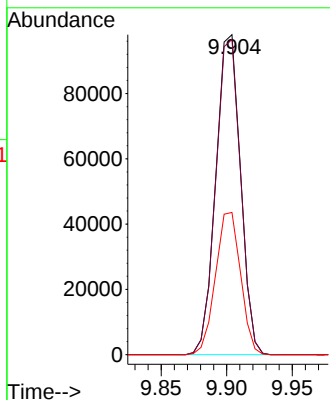
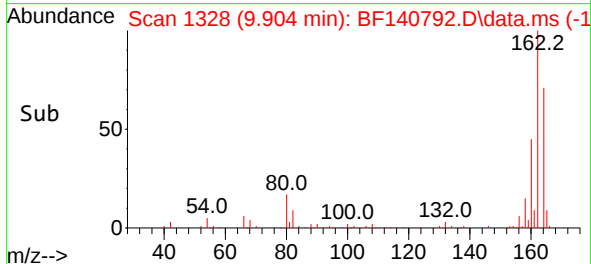
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:164 Resp: 128638
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 44.5 36.2 54.4

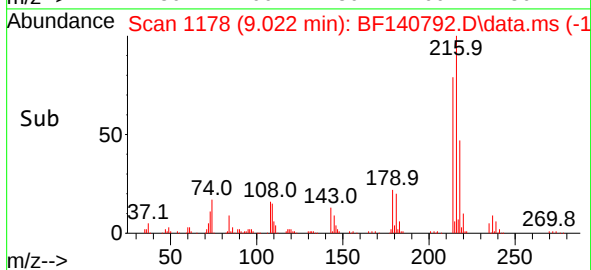
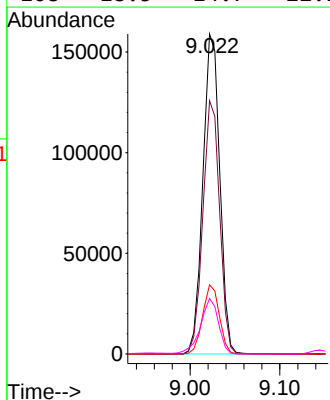
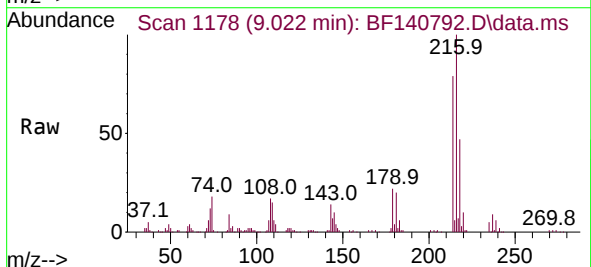
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.074 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

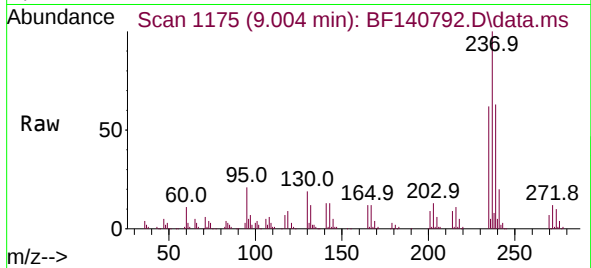
Tgt Ion:216 Resp: 207401
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.3 17.5 26.3
108 18.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 136.135 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

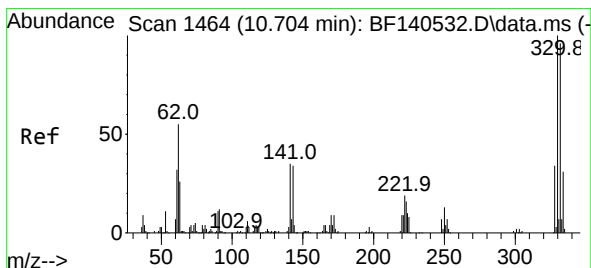
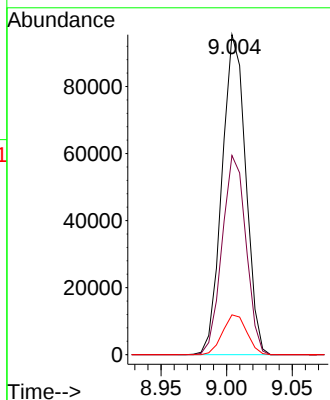
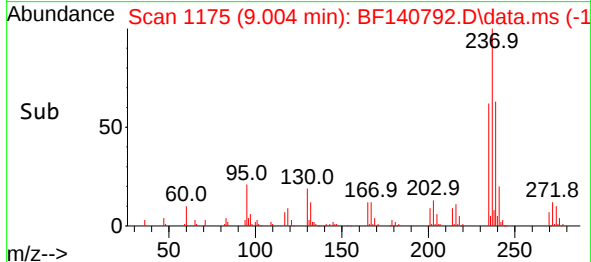
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:237 Resp: 12000
Ion Ratio Lower Upper
237 100
235 62.2 41.1 81.1
272 12.4 0.0 32.6

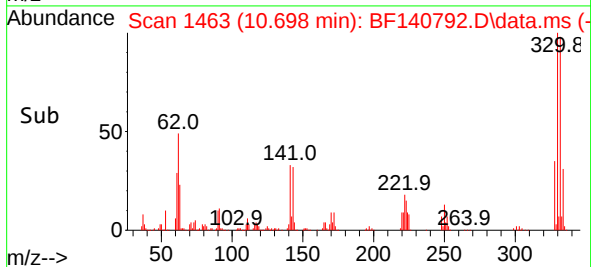
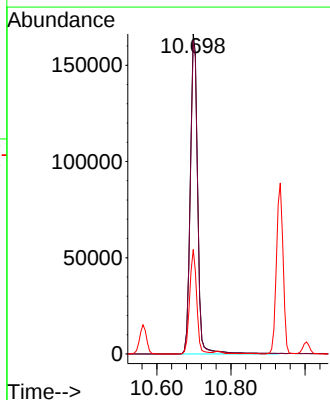
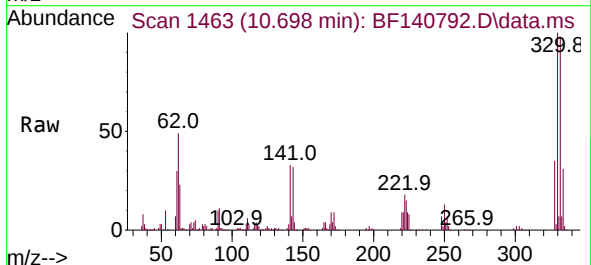
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 166.282 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:330 Resp: 228769
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 31.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 55.066 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

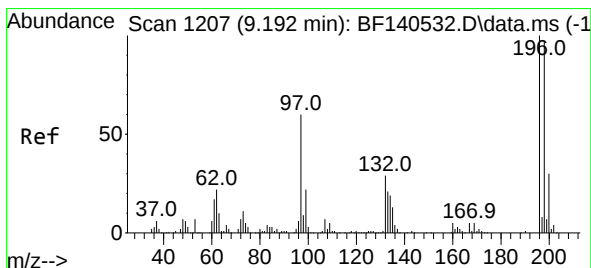
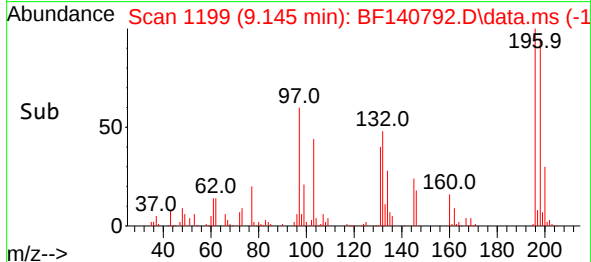
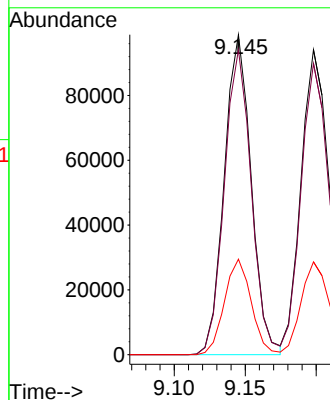
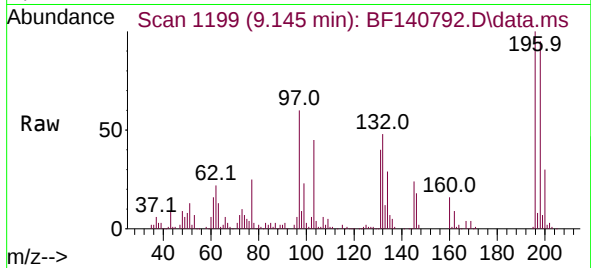
Tgt Ion:196	Resp: 130124
Ion Ratio	Lower Upper
196	100
198	95.3 76.8 115.2
200	29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 53.820 ng

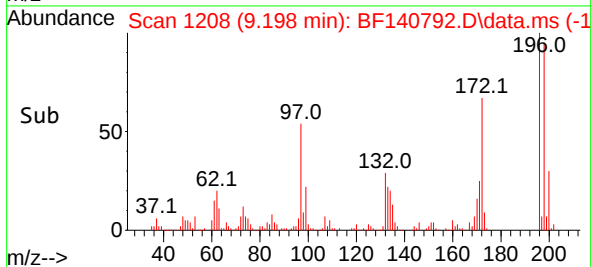
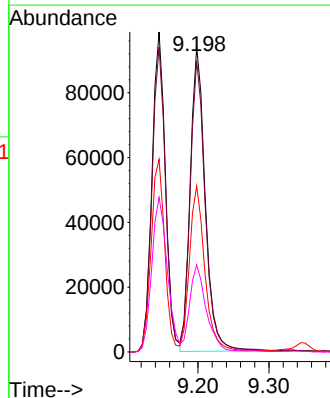
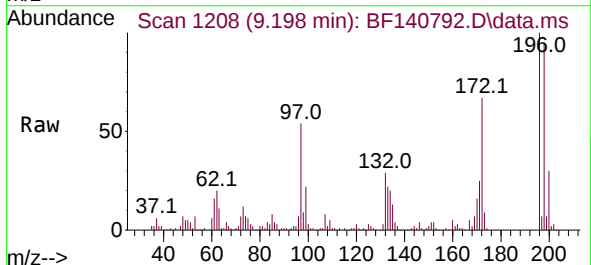
RT: 9.198 min Scan# 1208

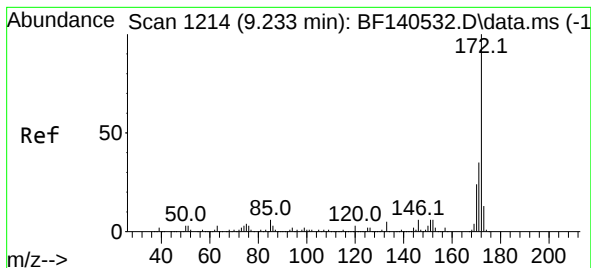
Delta R.T. 0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:196	Resp: 138026
Ion Ratio	Lower Upper
196	100
198	95.5 77.2 115.8
97	54.4 47.1 70.7
132	28.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 111.582 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:172 Resp: 96336

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

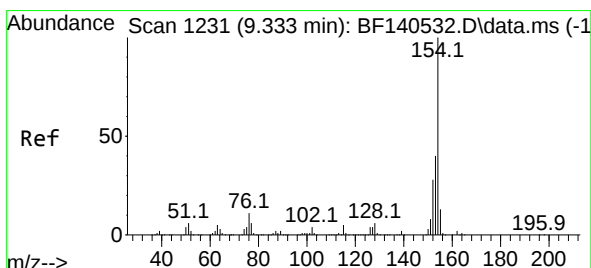
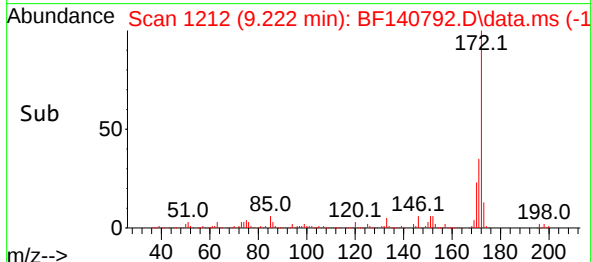
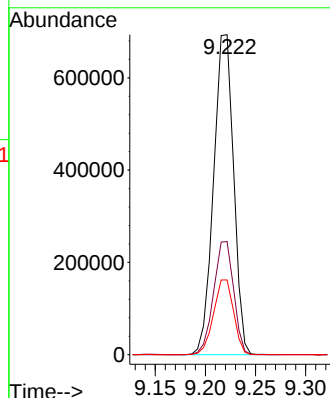
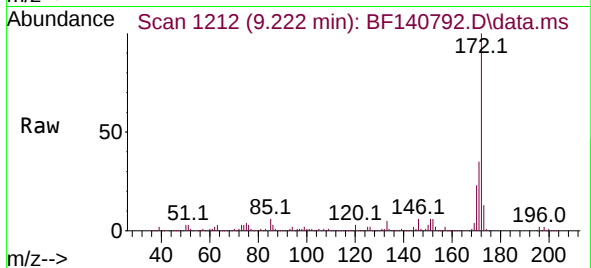
170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 54.781 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

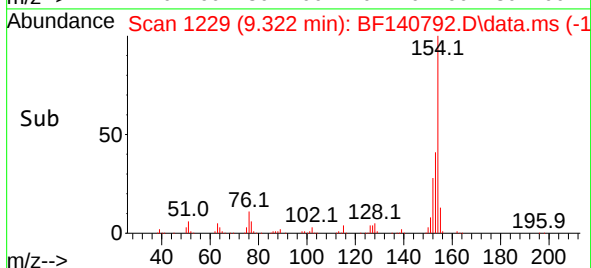
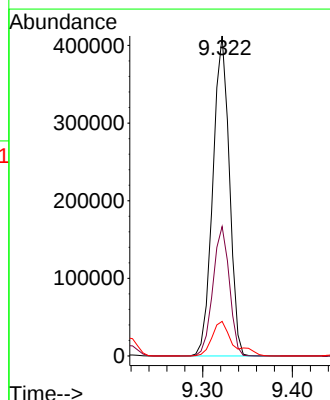
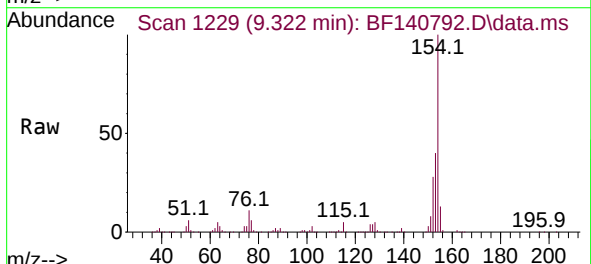
Tgt Ion:154 Resp: 526128

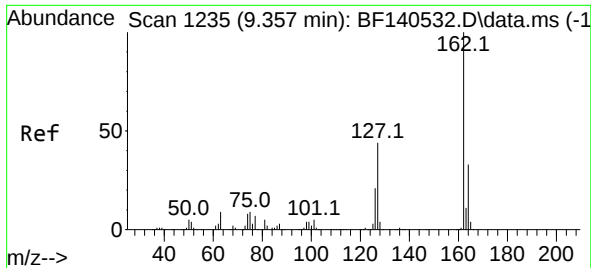
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 10.8 0.0 31.2





#47
2-Chloronaphthalene
Concen: 53.992 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

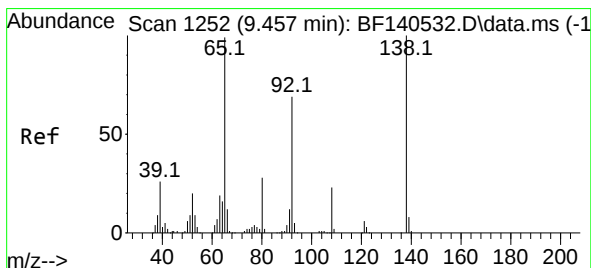
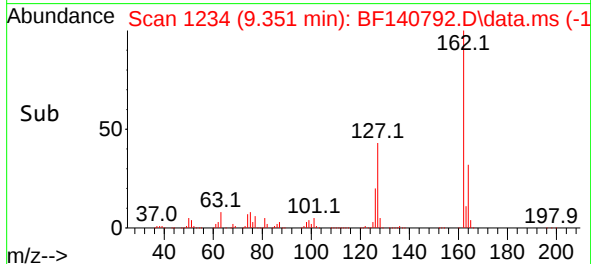
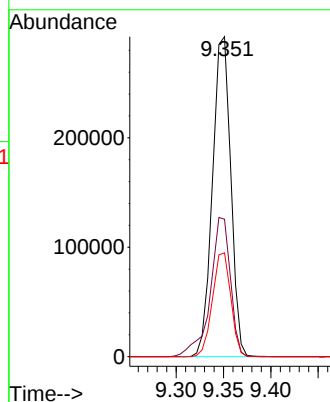
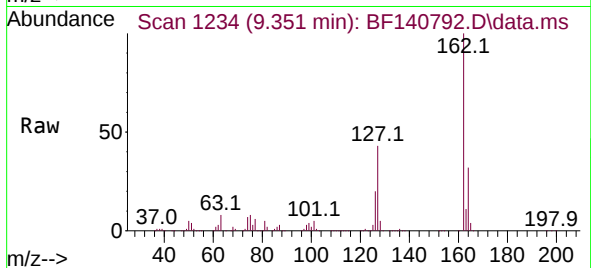
MH-764MSD

Tgt Ion:162 Resp: 392918
Ion Ratio Lower Upper
162 100
127 43.0 35.7 53.5
164 32.5 26.1 39.1

Manual Integrations

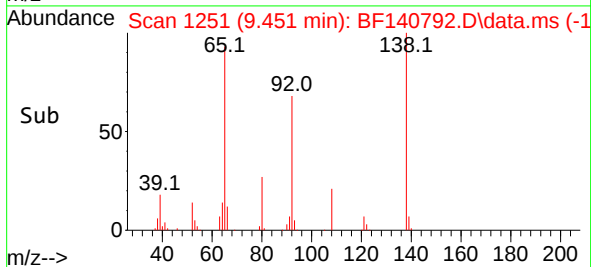
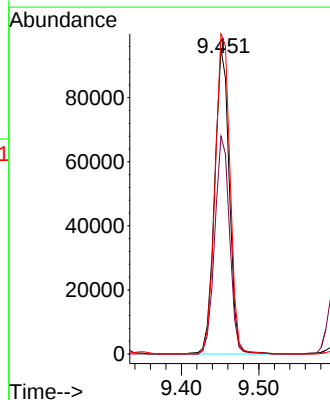
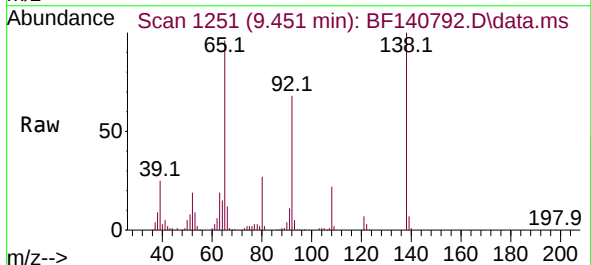
APPROVED

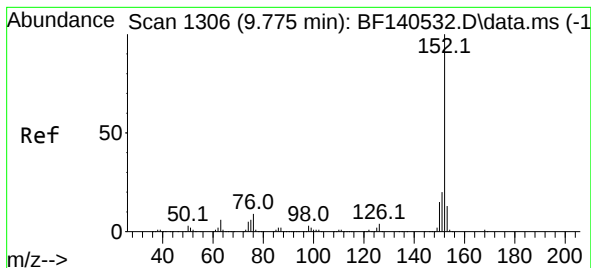
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#48
2-Nitroaniline
Concen: 53.912 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion: 65 Resp: 125933
Ion Ratio Lower Upper
65 100
92 71.3 56.1 84.1
138 104.7 81.0 121.6





#49

Acenaphthylene

Concen: 57.980 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

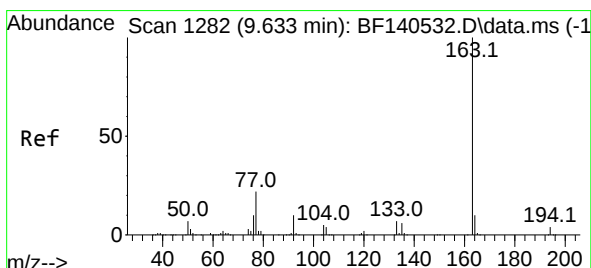
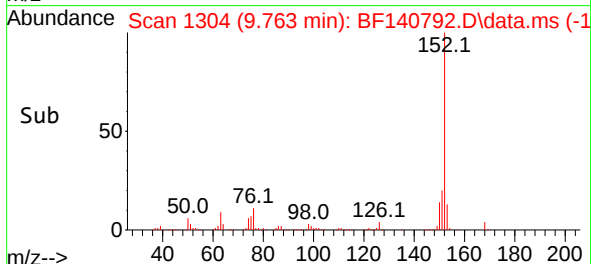
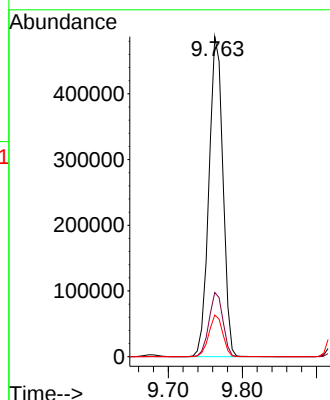
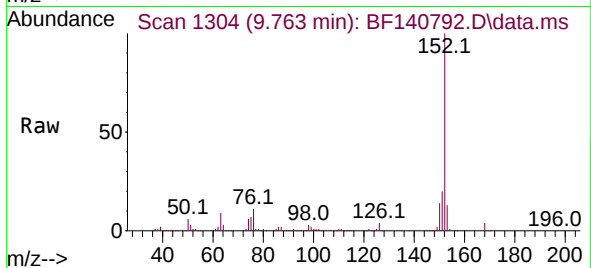
Tgt Ion:152 Resp: 637528
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 13.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#50

Dimethylphthalate

Concen: 56.944 ng

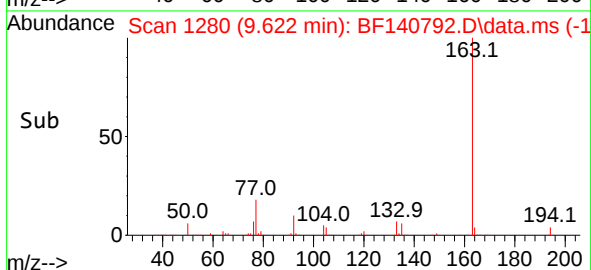
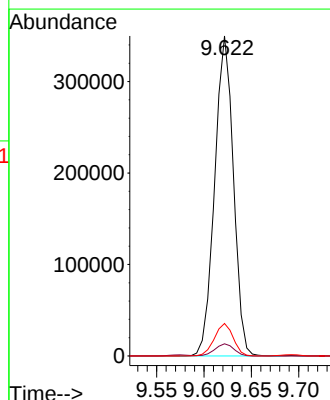
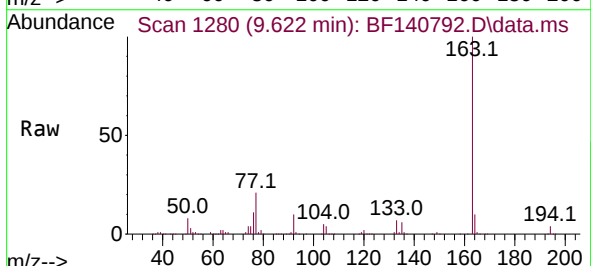
RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:163 Resp: 482427
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 10.2 8.2 12.2





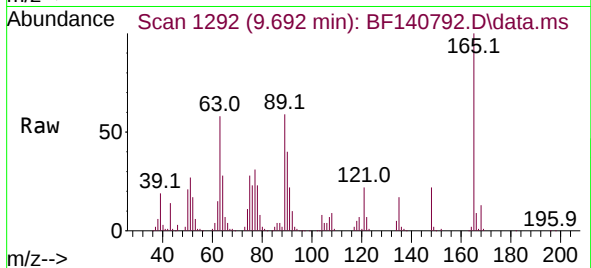
#51
2,6-Dinitrotoluene
Concen: 54.618 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

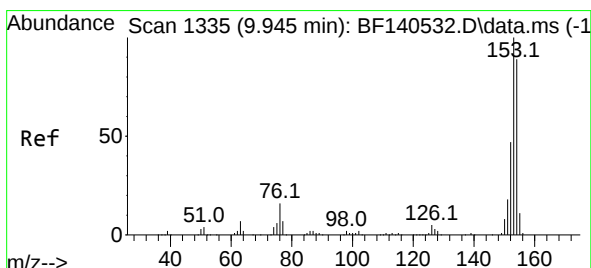
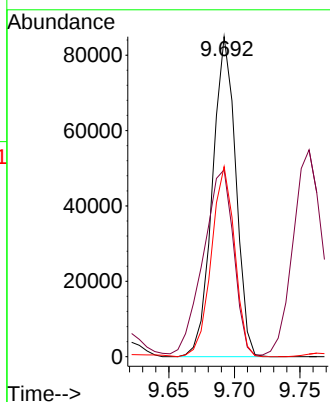
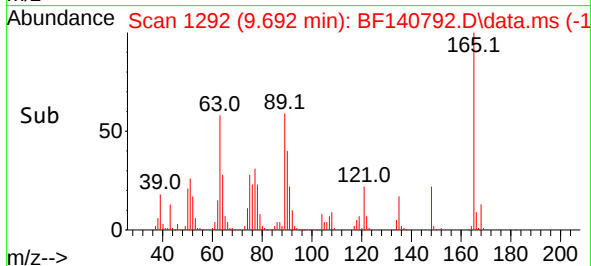


Tgt Ion:165 Resp: 10494
Ion Ratio Lower Upper
165 100
63 58.4 49.9 74.9
89 59.4 50.9 76.3

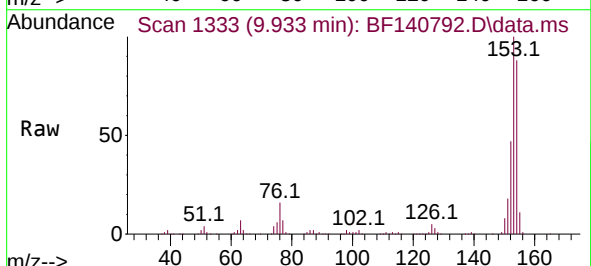
Manual Integrations

APPROVED

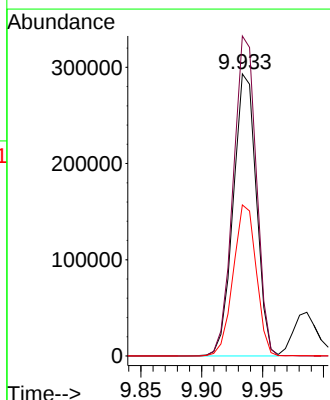
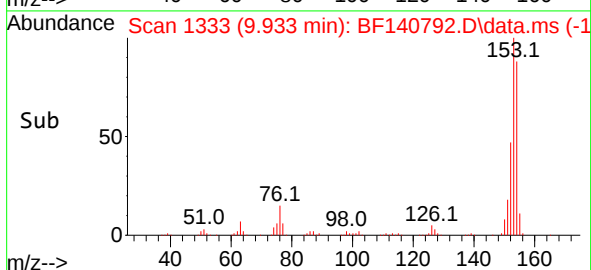
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

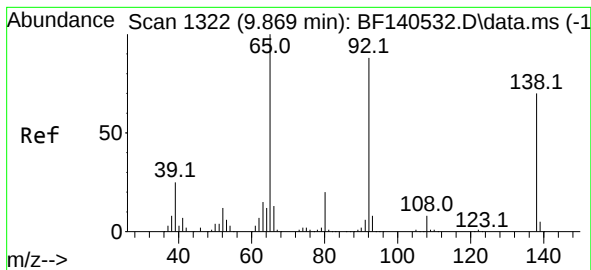


#52
Acenaphthene
Concen: 55.444 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:154 Resp: 387362
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 15.785 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

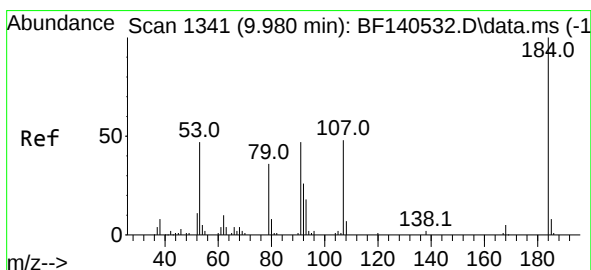
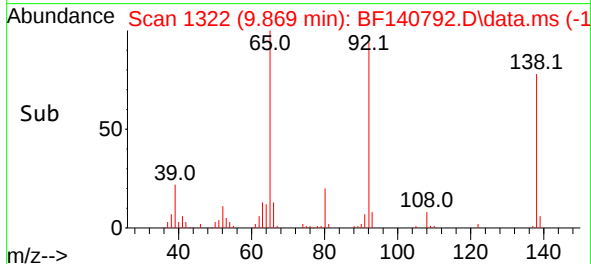
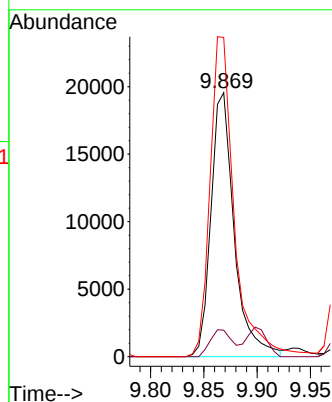
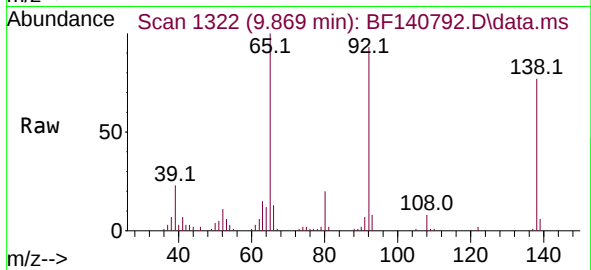
MH-764MSD

Tgt Ion:138 Resp: 2966
Ion Ratio Lower Upper
138 100
108 10.0 9.2 13.8
92 120.9 100.6 150.8

Manual Integrations

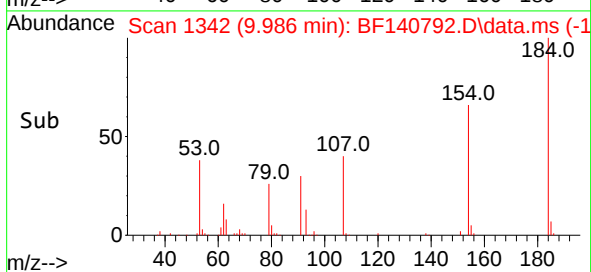
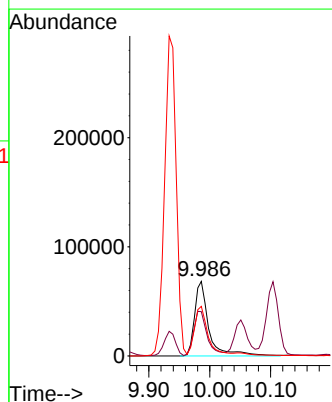
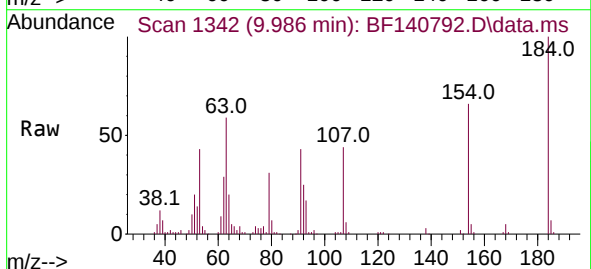
APPROVED

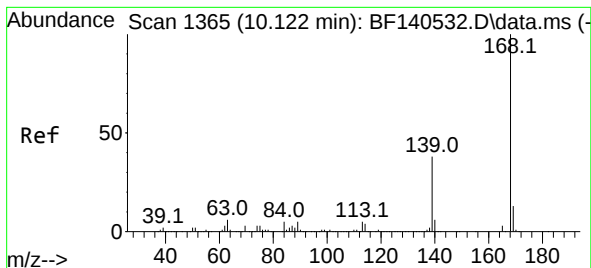
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#54
2,4-Dinitrophenol
Concen: 109.354 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:184 Resp: 111985
Ion Ratio Lower Upper
184 100
63 59.4 54.1 81.1
154 66.5 57.4 86.0





#55

Dibenzenofuran

Concen: 55.649 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

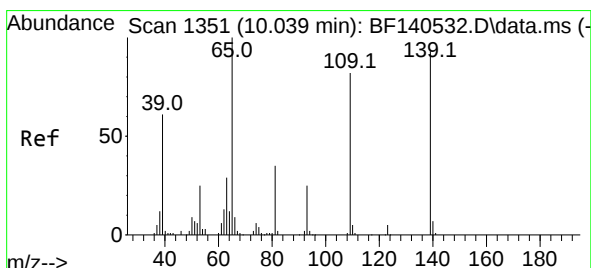
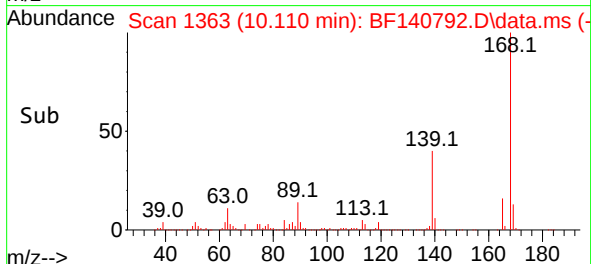
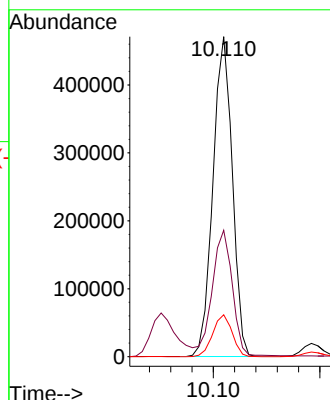
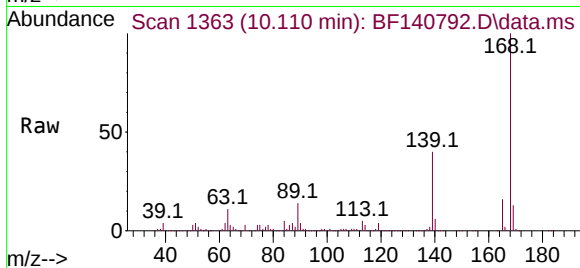
Tgt Ion:168 Resp: 59303
 Ion Ratio Lower Upper
 168 100
 139 39.5 31.3 46.9
 169 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#56

4-Nitrophenol

Concen: 81.614 ng

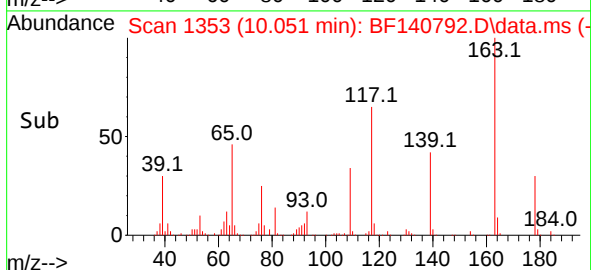
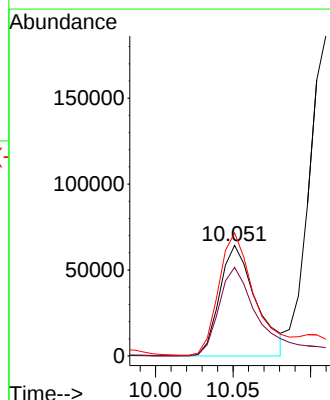
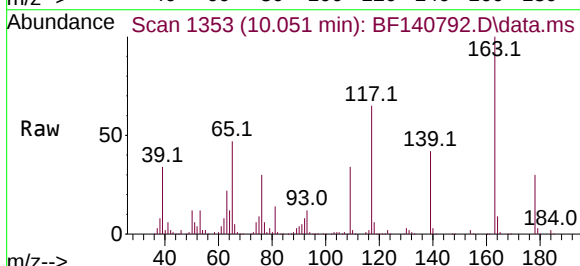
RT: 10.051 min Scan# 1353

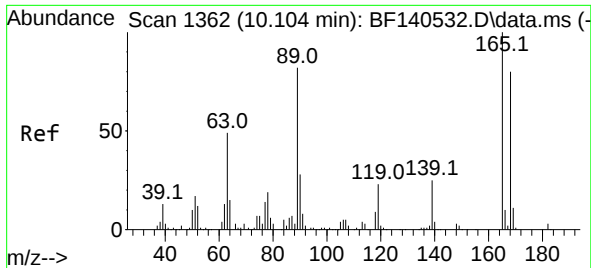
Delta R.T. 0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:139 Resp: 104599
 Ion Ratio Lower Upper
 139 100
 109 80.2 68.4 108.4
 65 111.3 88.6 128.6





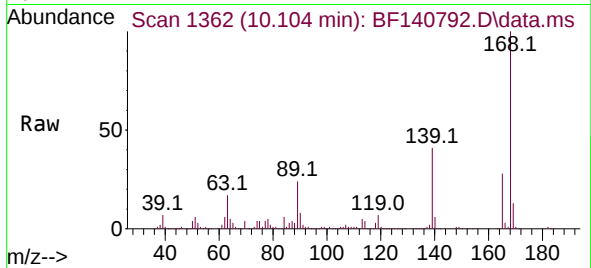
#57
2,4-Dinitrotoluene
Concen: 55.188 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



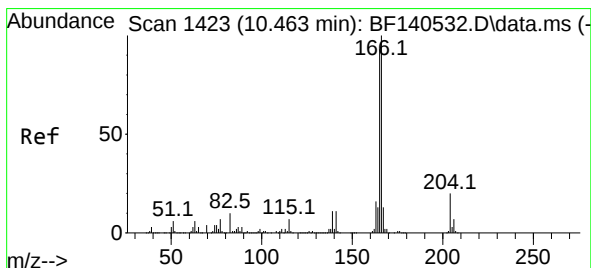
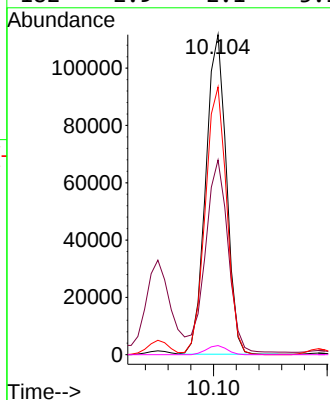
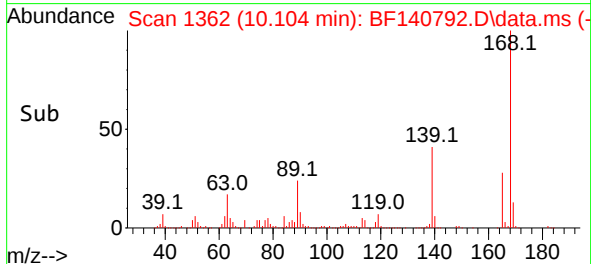
Tgt Ion:165 Resp: 140928
Ion Ratio Lower Upper
165 100
63 60.9 41.7 62.5
89 83.7 65.8 98.8
182 2.9 2.1 3.1

Manual Integrations

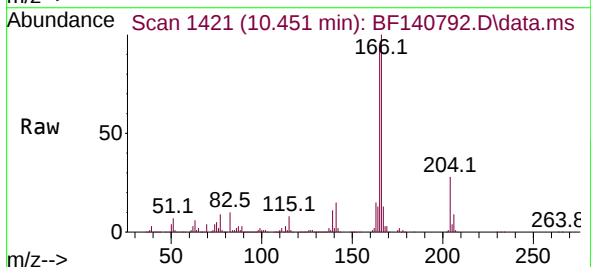
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

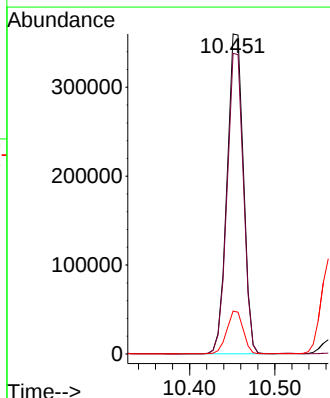
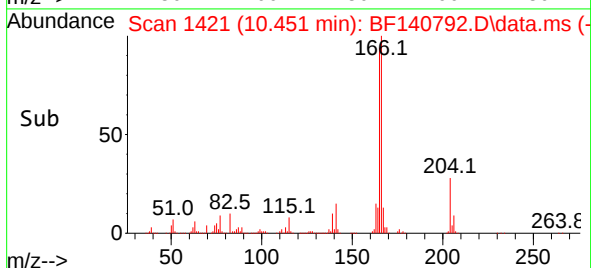
Supervised By :mohammad ahmed 12/12/2024

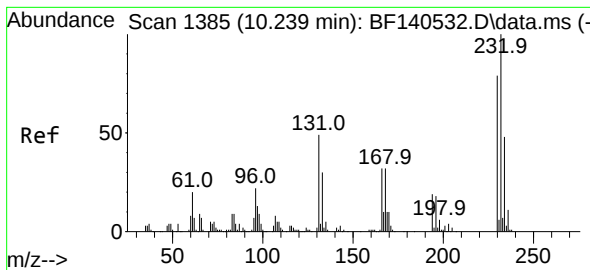


#58
Fluorene
Concen: 55.948 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



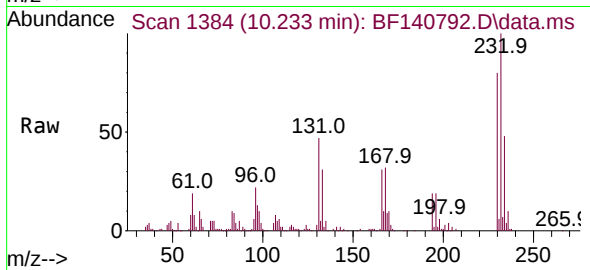
Tgt Ion:166 Resp: 478571
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.627 ng
RT: 10.233 min Scan# 11949
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

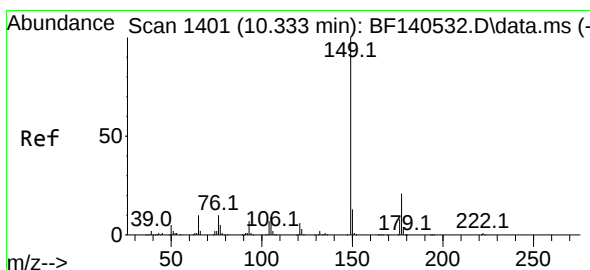
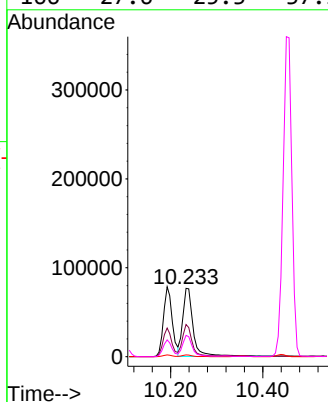
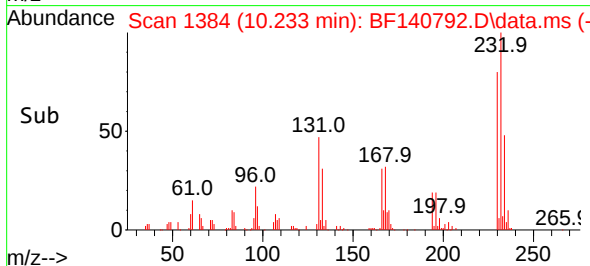
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:232 Resp: 11949
Ion Ratio Lower Upper
232 100
131 41.0 39.6 59.4
130 2.5 1.9 2.9
166 27.6 25.3 37.9

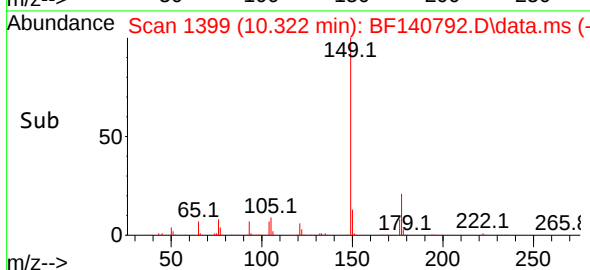
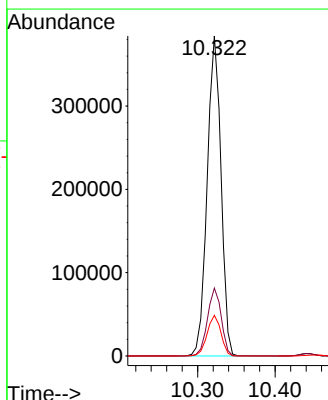
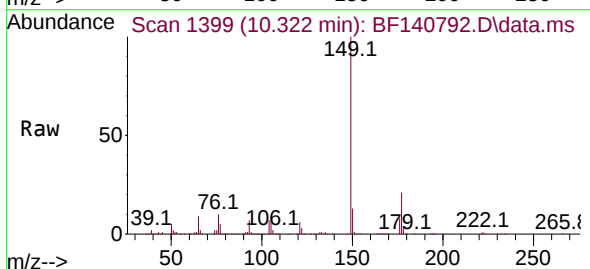
Manual Integrations
APPROVED

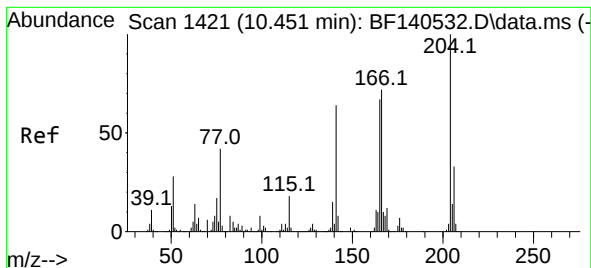
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 55.286 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

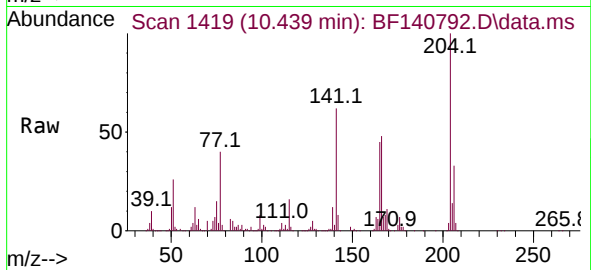
Tgt Ion:149 Resp: 475891
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 55.858 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

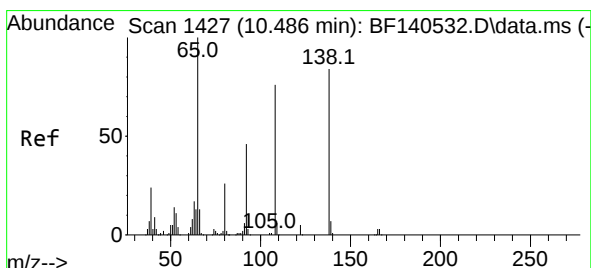
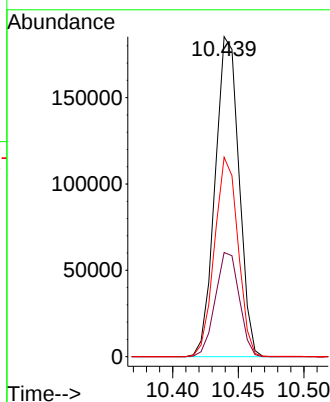
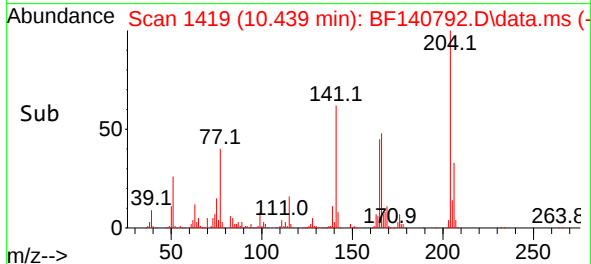
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:204 Resp: 23448
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.3 51.1 76.7

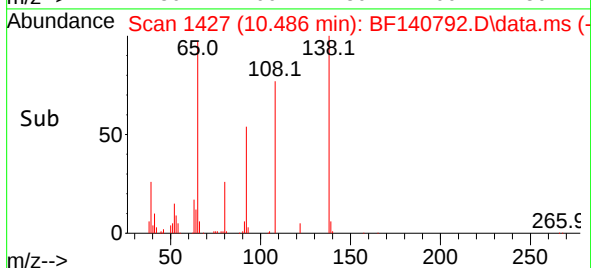
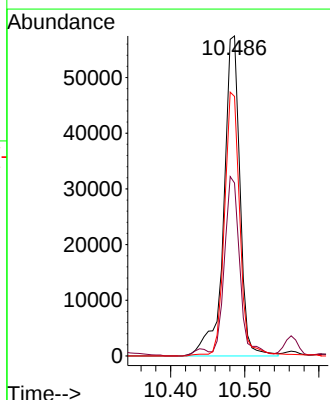
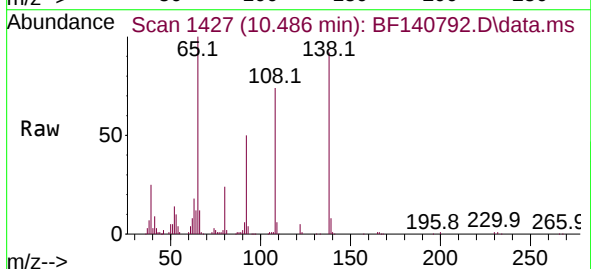
Manual Integrations
APPROVED

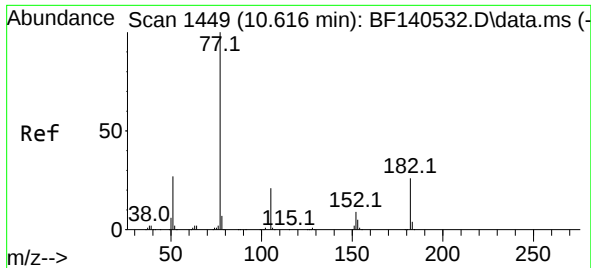
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 44.410 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

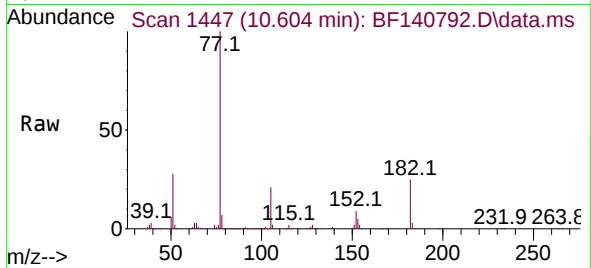
Tgt Ion:138 Resp: 87530
Ion Ratio Lower Upper
138 100
92 54.0 34.5 74.5
108 81.1 70.6 110.6





#63
Azobenzene
Concen: 55.175 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

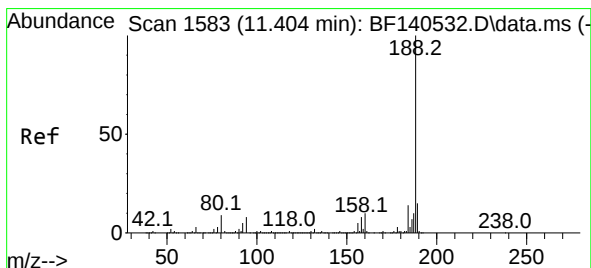
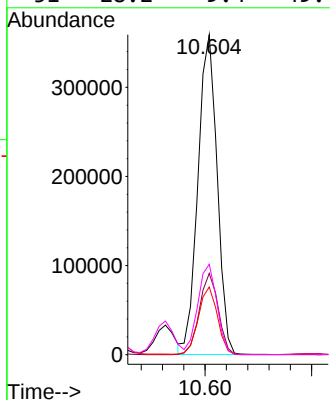
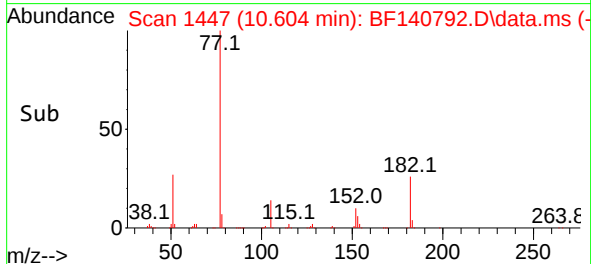
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



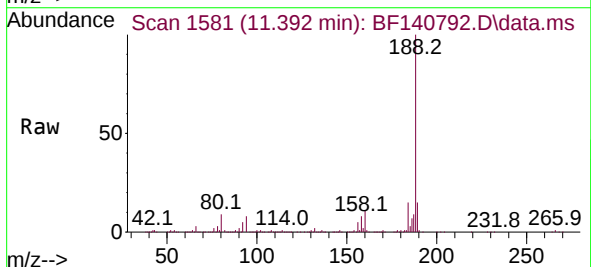
Tgt Ion: 77 Resp: 449754
Ion Ratio Lower Upper
77 100
182 25.4 5.3 45.3
105 21.1 0.3 40.3
51 28.2 9.4 49.4

Manual Integrations
APPROVED

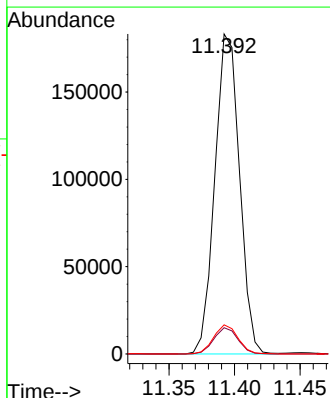
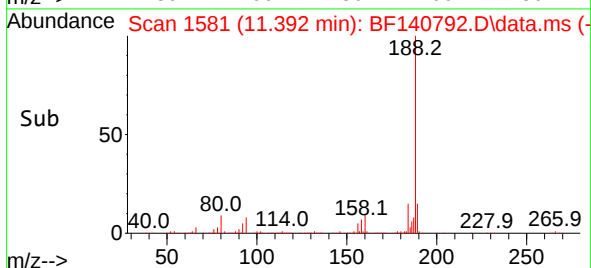
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

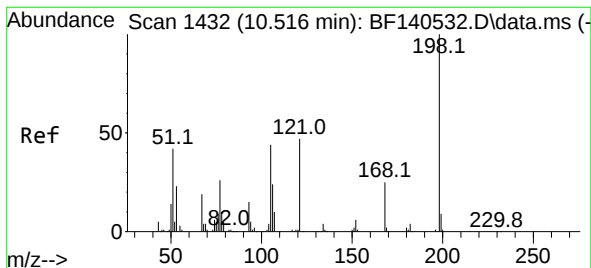


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:188 Resp: 239472
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.1 6.9 10.3





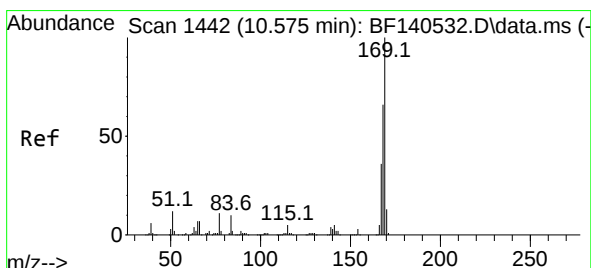
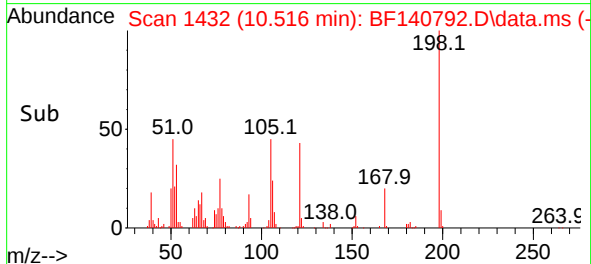
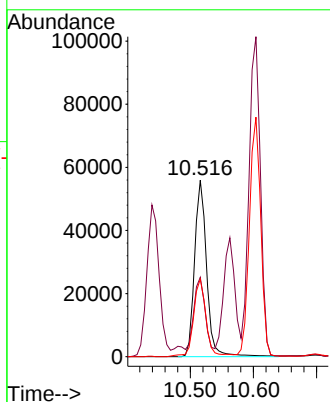
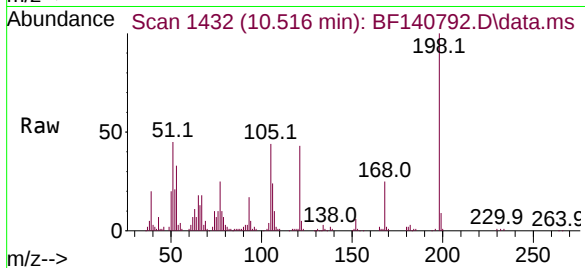
#65
4,6-Dinitro-2-methylphenol
Concen: 60.732 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:198 Resp: 74319
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 44.0 25.4 65.4

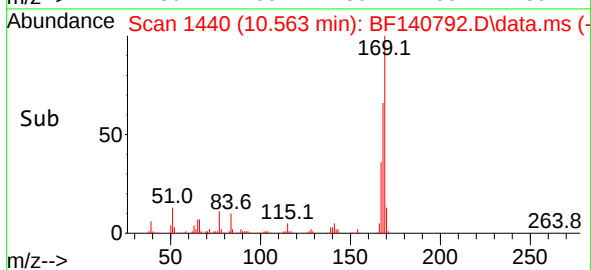
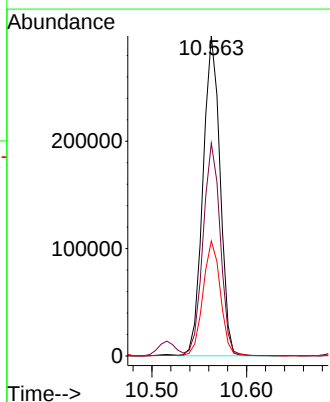
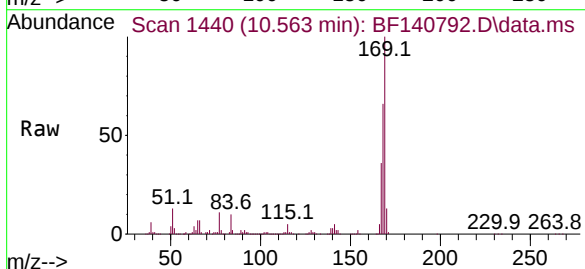
Manual Integrations
APPROVED

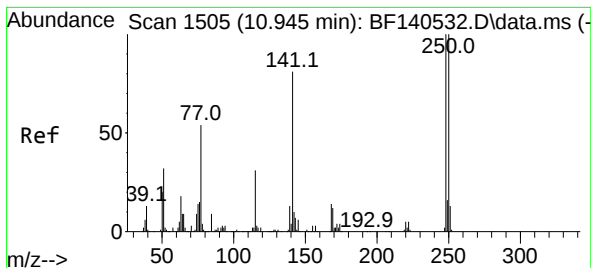
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 52.516 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

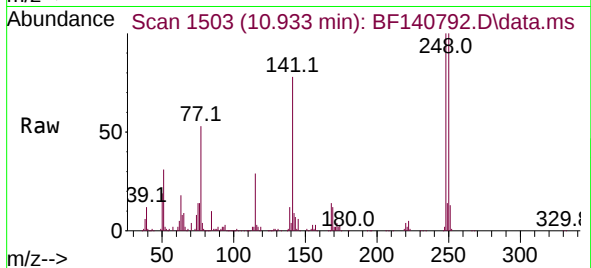
Tgt Ion:169 Resp: 371906
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 55.985 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

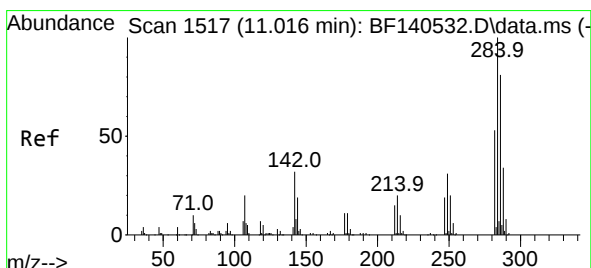
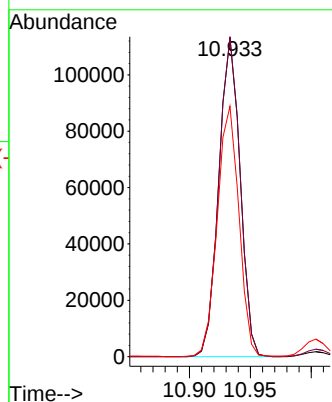
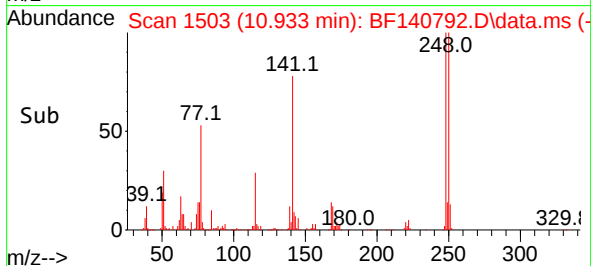
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:248 Resp: 138070
Ion Ratio Lower Upper
248 100
250 100.4 79.8 119.8
141 78.5 64.7 97.1

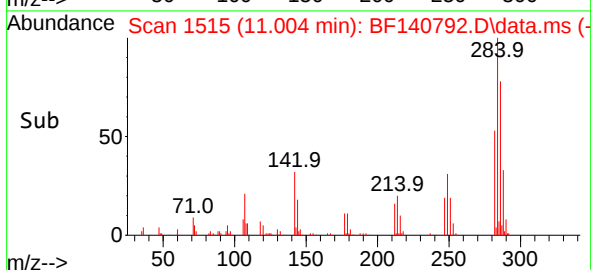
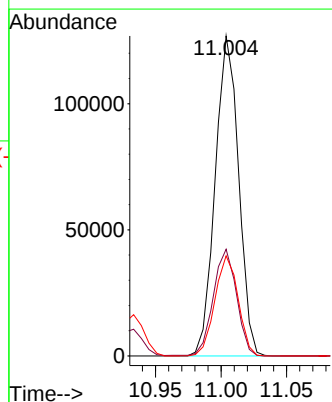
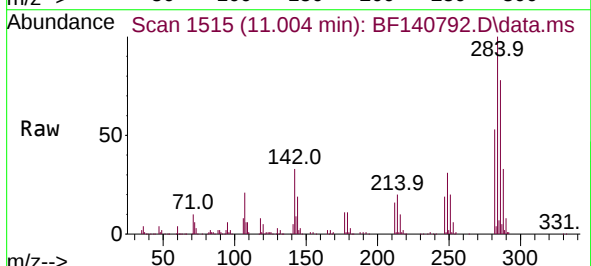
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 55.013 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:284 Resp: 157096
Ion Ratio Lower Upper
284 100
142 33.4 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 40.569 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

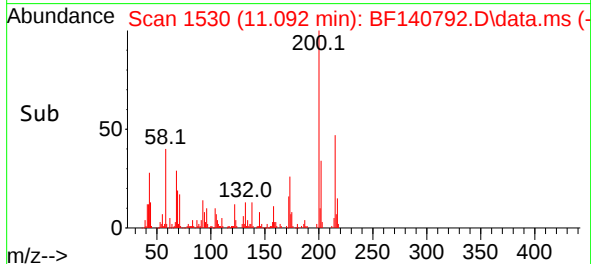
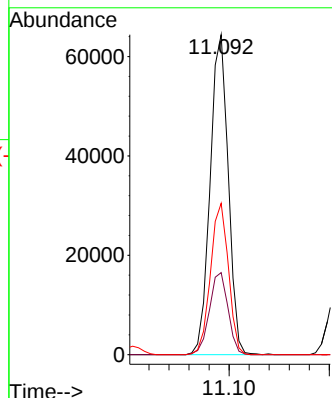
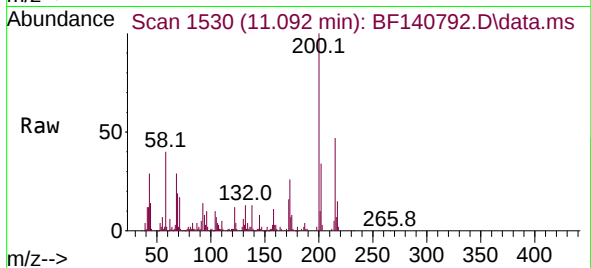
Tgt Ion:200 Resp: 80823
 Ion Ratio Lower Upper
 200 100
 173 25.7 7.0 47.0
 215 47.3 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 98.854 ng

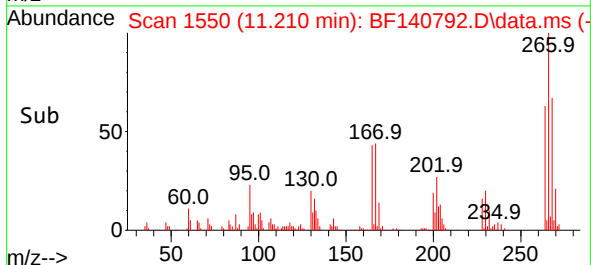
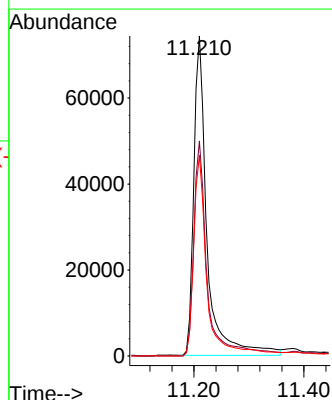
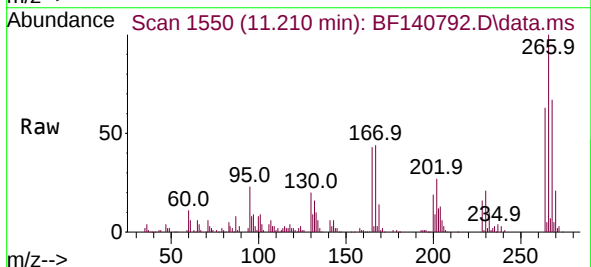
RT: 11.210 min Scan# 1550

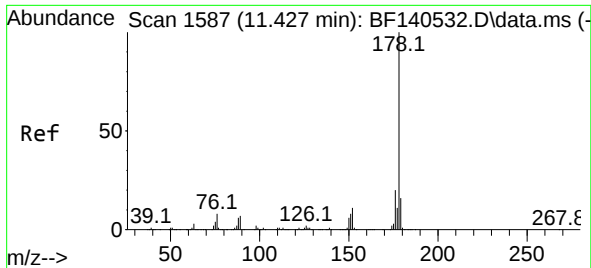
Delta R.T. -0.000 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:266 Resp: 124242
 Ion Ratio Lower Upper
 266 100
 268 67.2 53.7 80.5
 264 62.8 49.8 74.8





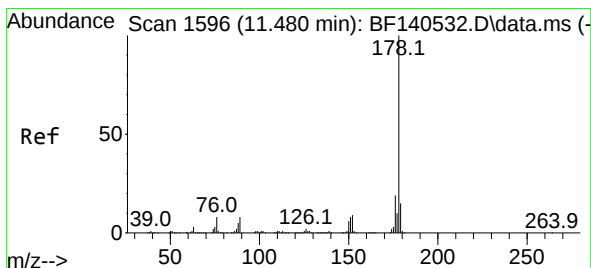
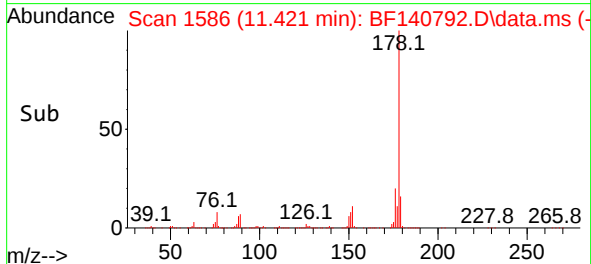
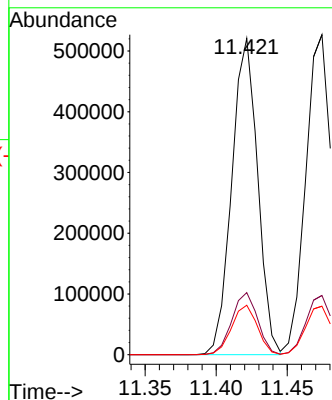
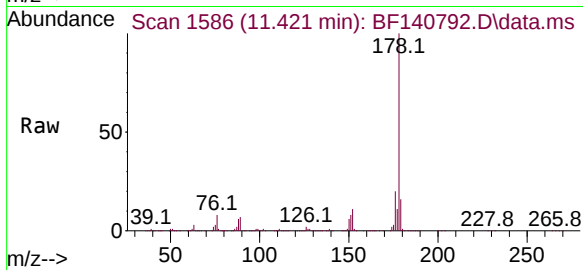
#71
Phenanthrene
Concen: 57.428 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:178 Resp: 661060
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 12.4 18.6

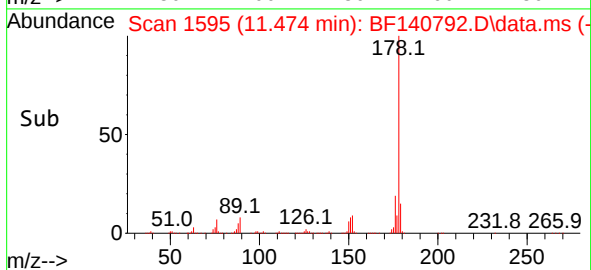
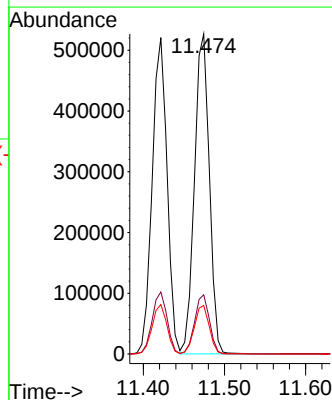
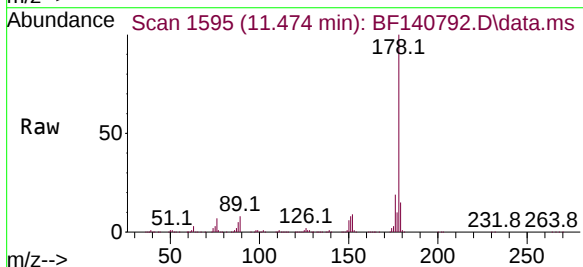
Manual Integrations
APPROVED

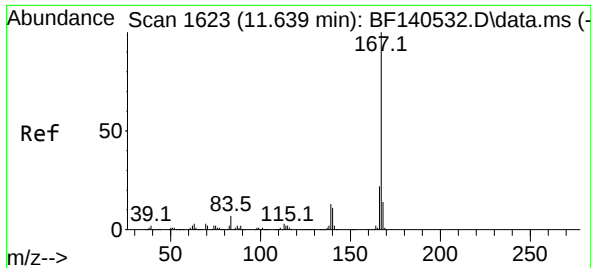
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#72
Anthracene
Concen: 59.628 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:178 Resp: 671421
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.1 12.2 18.4





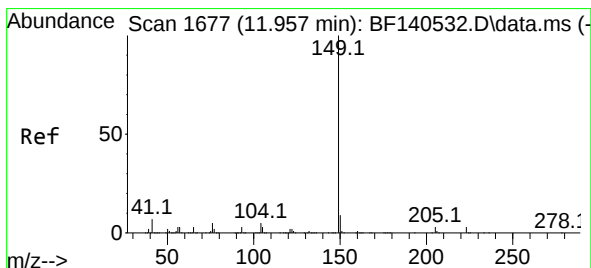
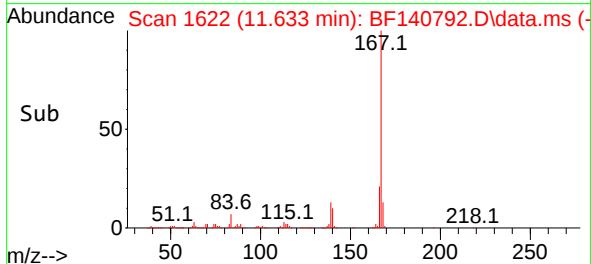
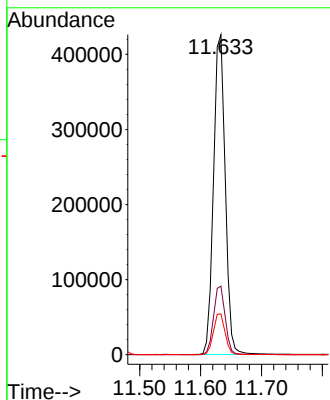
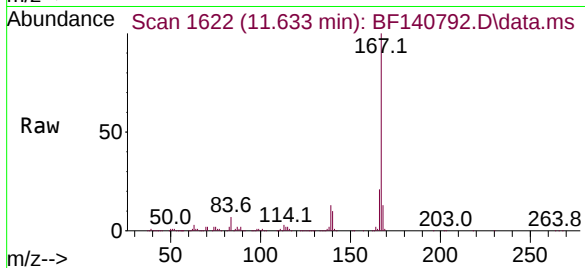
#73
Carbazole
Concen: 52.557 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:167 Resp: 569315
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.8 10.6 15.8

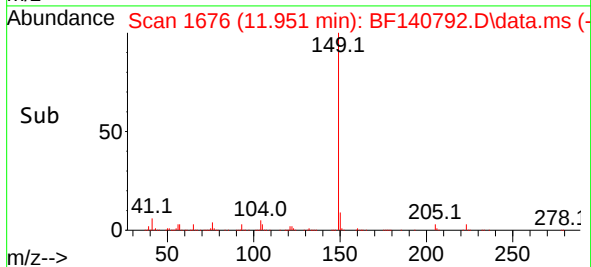
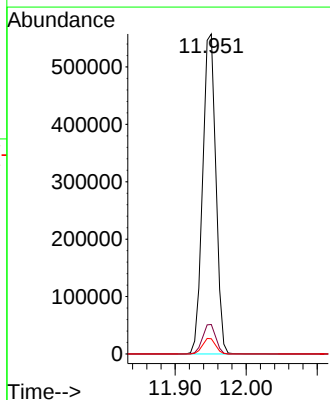
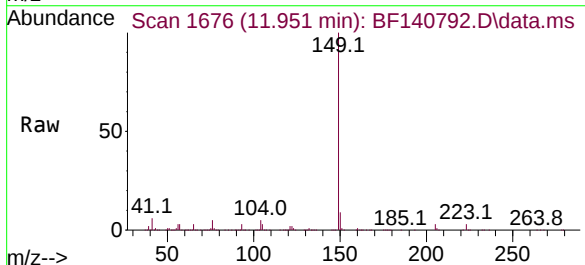
Manual Integrations
APPROVED

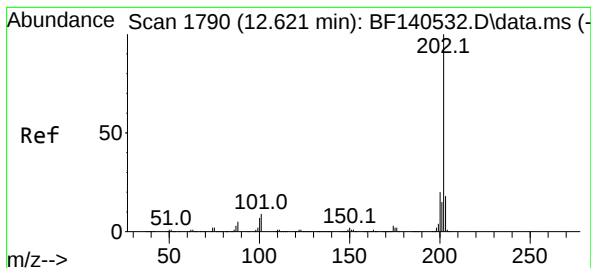
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#74
Di-n-butylphthalate
Concen: 57.659 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:149 Resp: 721072
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 50.620 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

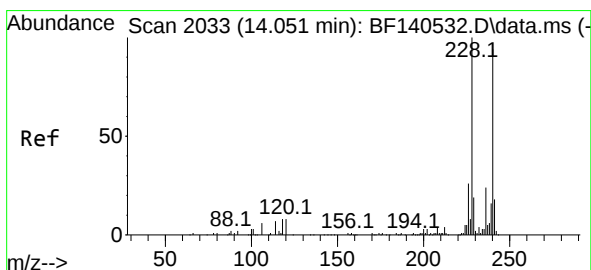
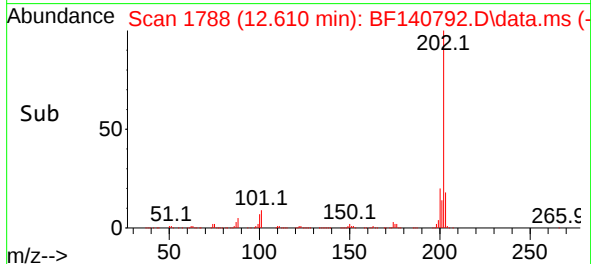
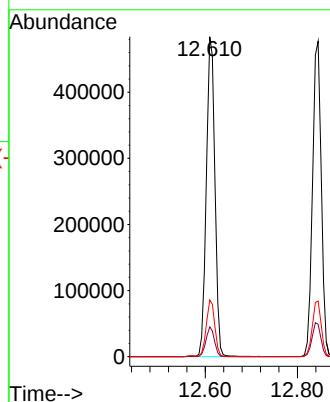
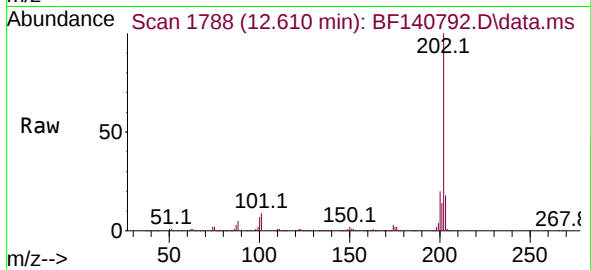
Tgt Ion:	202	Resp:	63266
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	28.9
203	17.7	0.0	37.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#76

Chrysene-d12

Concen: 20.000 ng

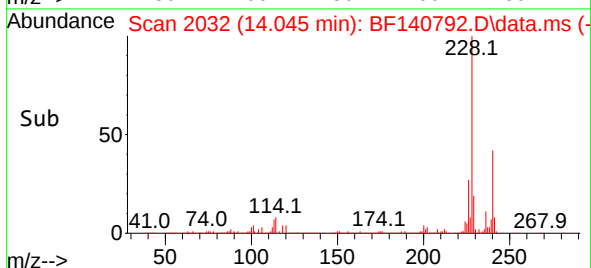
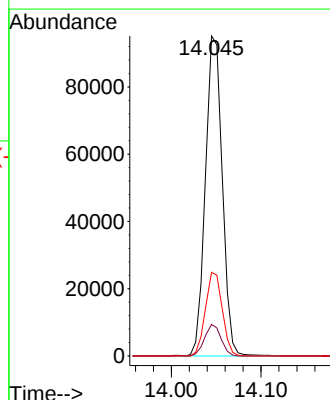
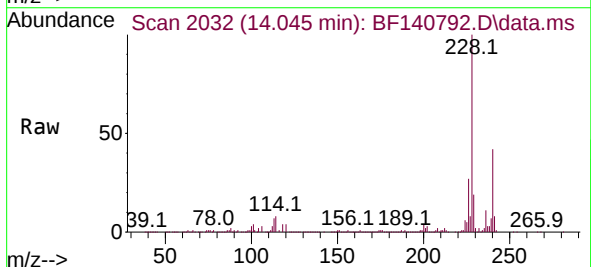
RT: 14.045 min Scan# 2032

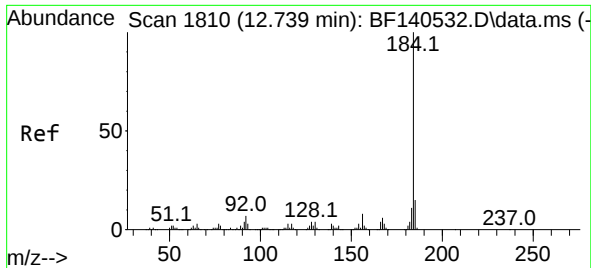
Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

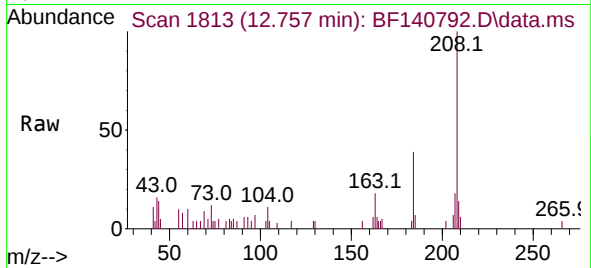
Tgt Ion:	240	Resp:	124543
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.3	10.9
236	26.1	20.6	31.0





#77
Benzidine
Concen: 1.927 ng m
RT: 12.757 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

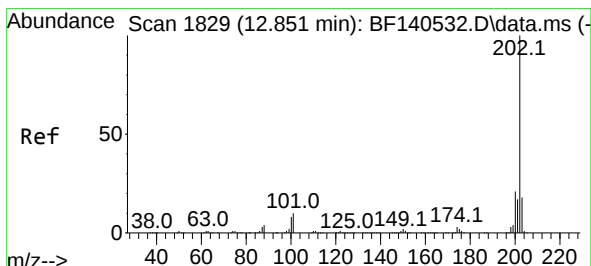
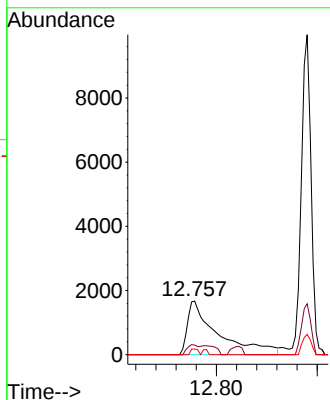
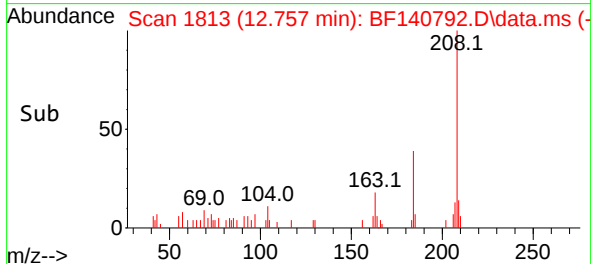
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



Tgt Ion:184 Resp: 6978
Ion Ratio Lower Upper
184 100
185 17.9 11.7 17.5
183 10.4 8.8 13.2

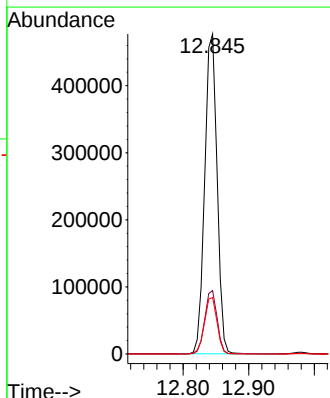
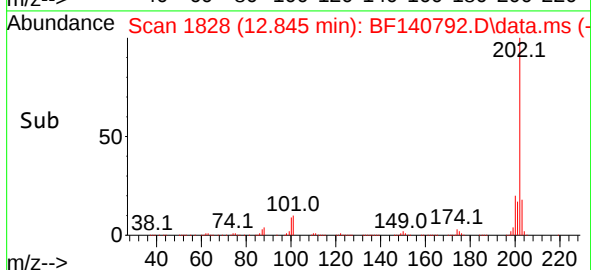
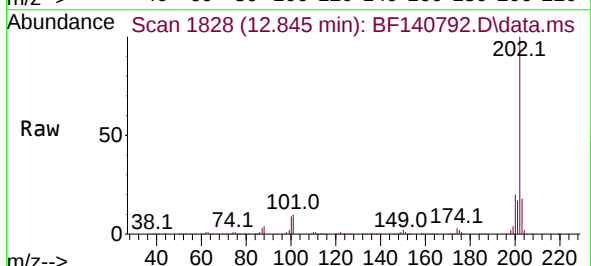
Manual Integrations
APPROVED

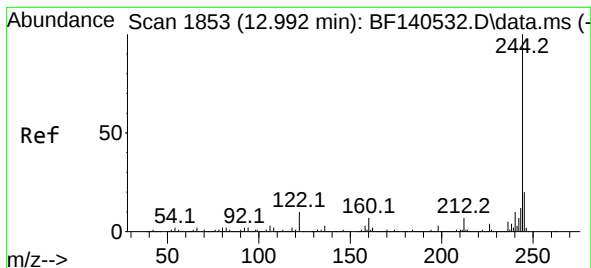
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#78
Pyrene
Concen: 54.447 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:202 Resp: 626983
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 117.051 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

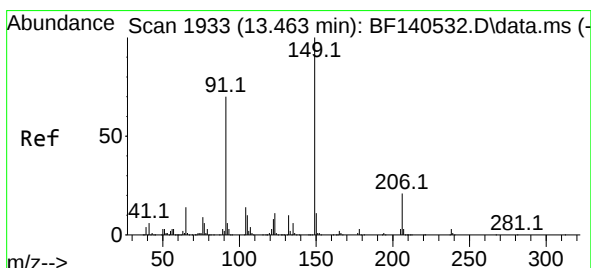
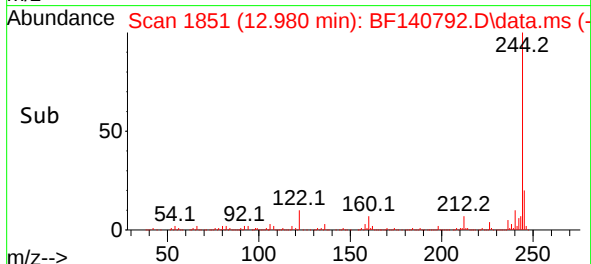
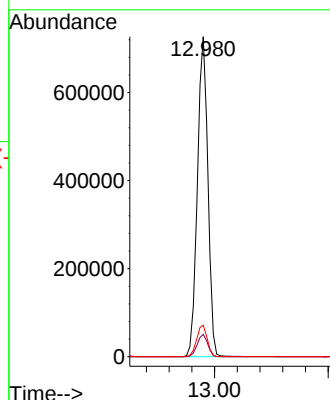
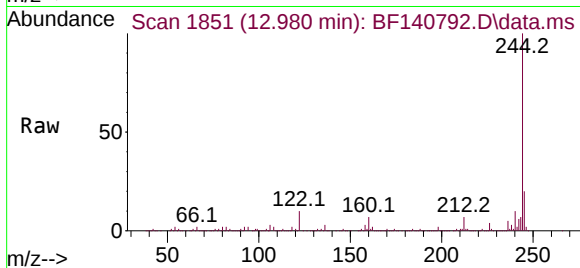
Tgt Ion:244 Resp: 936199
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.8 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 56.758 ng

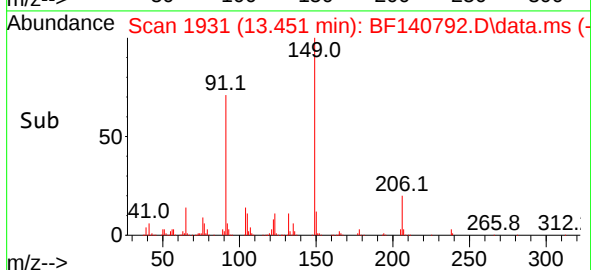
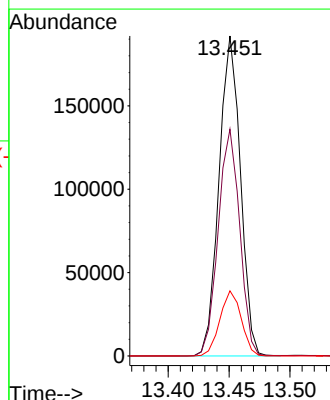
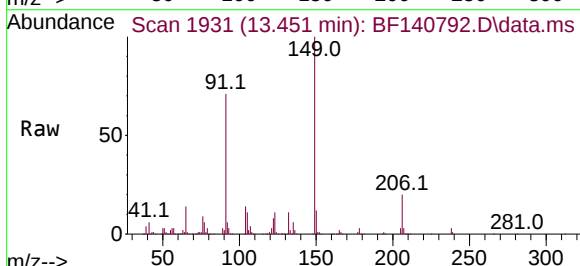
RT: 13.451 min Scan# 1931

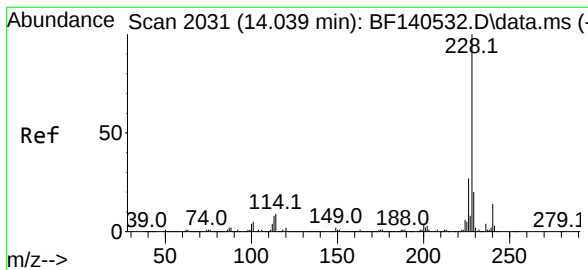
Delta R.T. -0.012 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:149 Resp: 235451
 Ion Ratio Lower Upper
 149 100
 91 70.9 56.2 84.2
 206 20.4 16.4 24.6





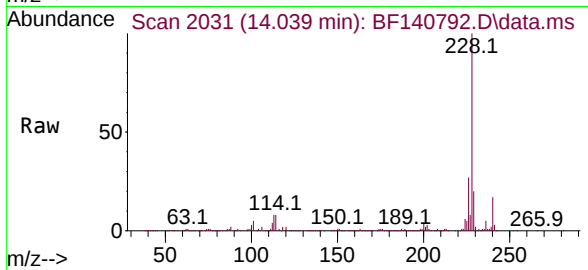
#81
Benzo(a)anthracene
Concen: 58.086 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



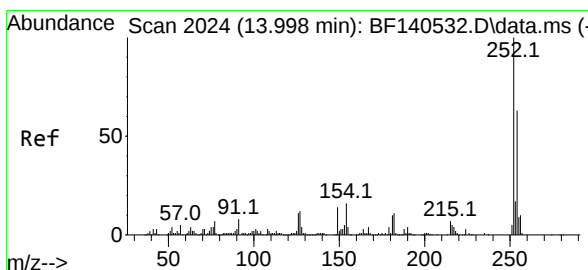
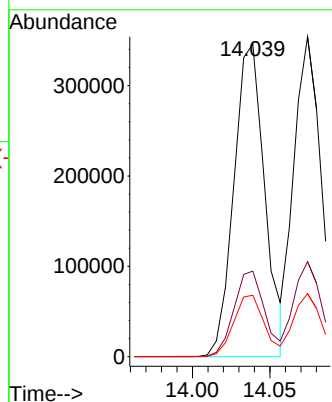
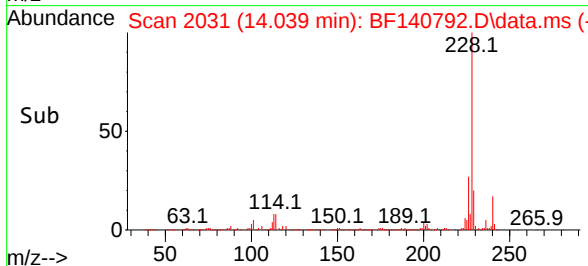
Tgt Ion:228 Resp: 478872
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

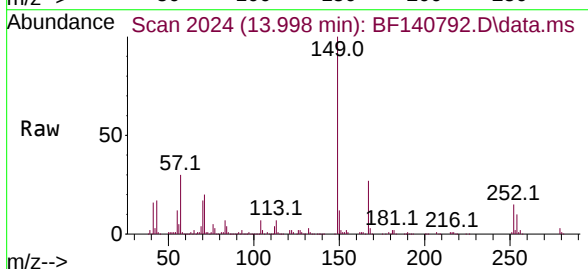
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

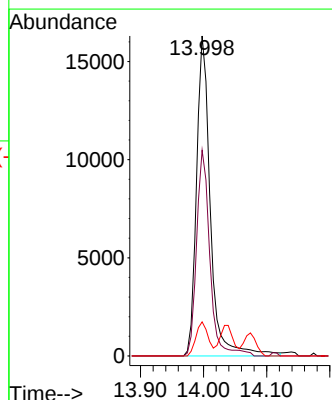
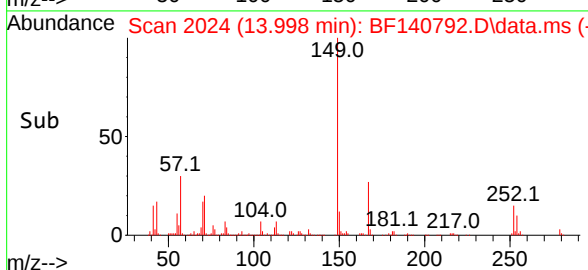
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 10.066 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:252 Resp: 24916
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 10.7 8.6 13.0





#83

Chrysene

Concen: 57.841 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:228 Resp: 436033

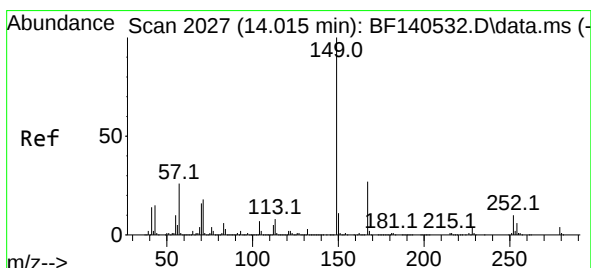
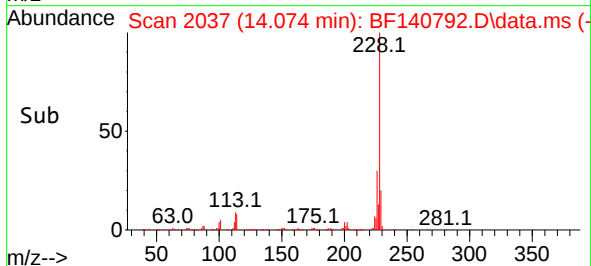
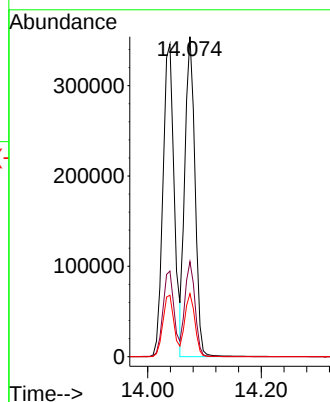
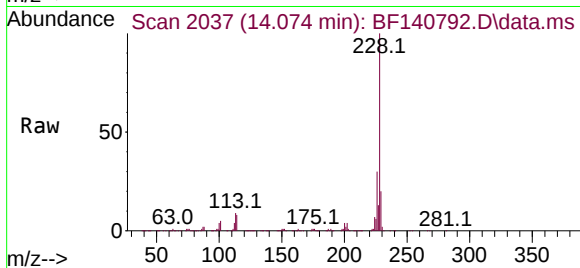
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.500 ng

RT: 14.010 min Scan# 2026

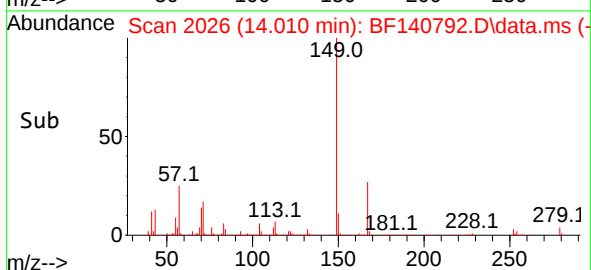
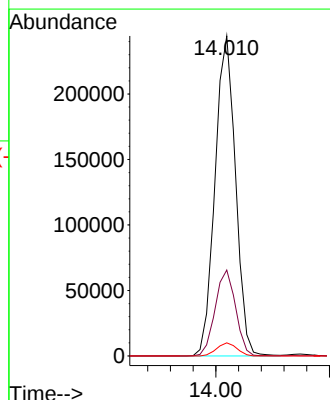
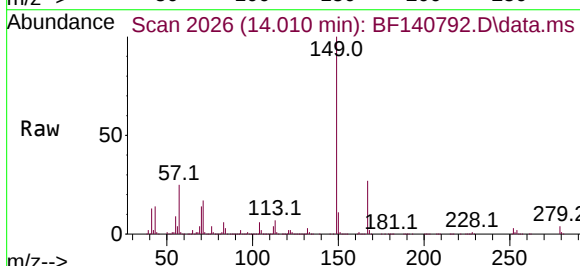
Delta R.T. -0.006 min

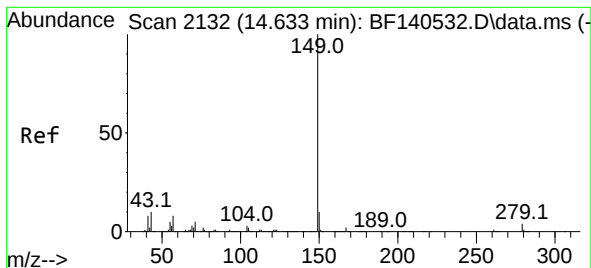
Lab File: BF140792.D

Acq: 09 Dec 2024 16:22

Tgt Ion:149 Resp: 306433

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	4.1	3.2	4.8





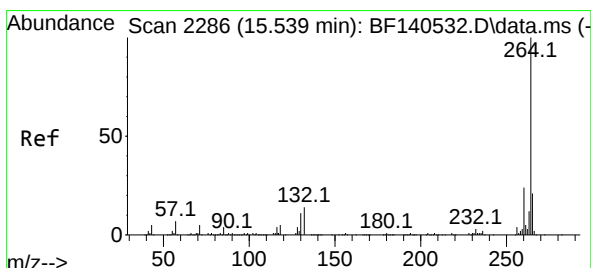
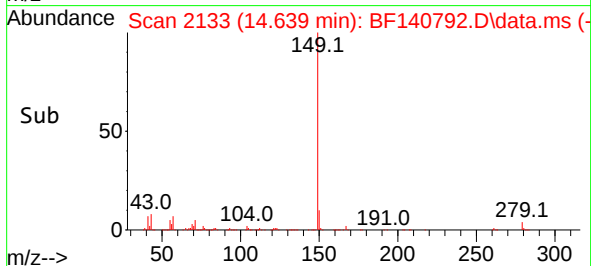
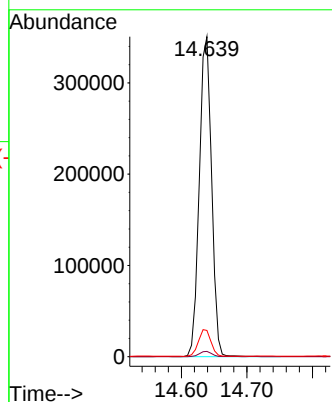
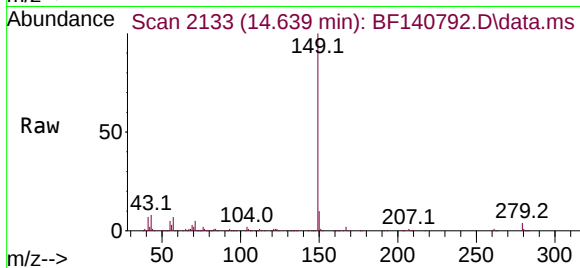
#85
Di-n-octyl phthalate
Concen: 63.962 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion:149 Resp: 457880
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.7 11.5

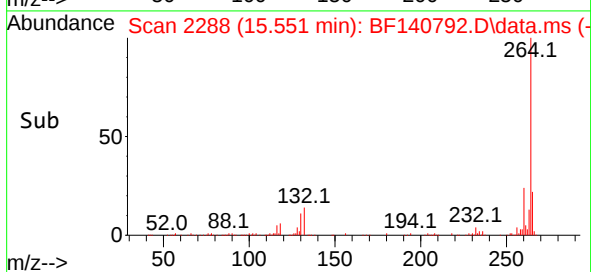
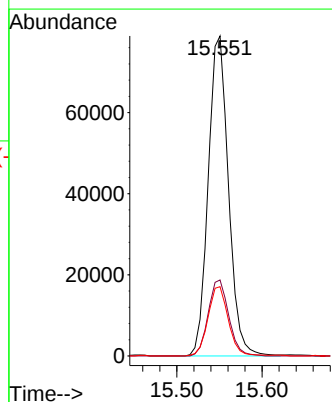
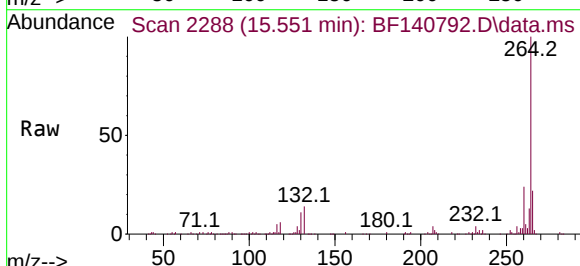
Manual Integrations
APPROVED

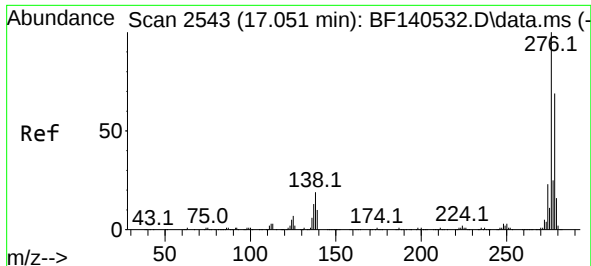
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:264 Resp: 130200
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.760 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

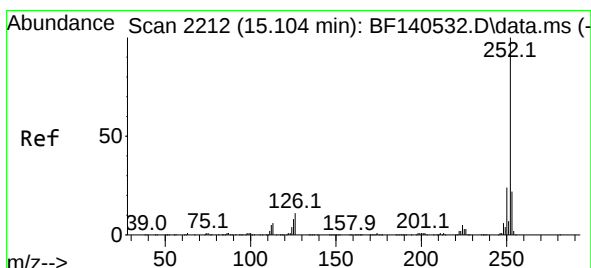
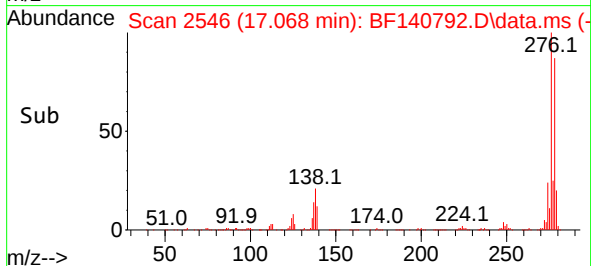
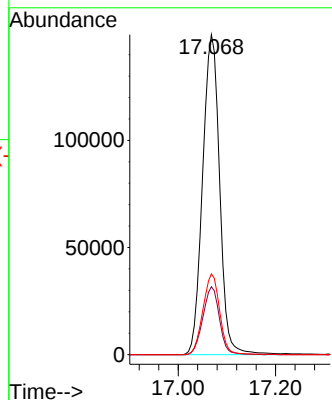
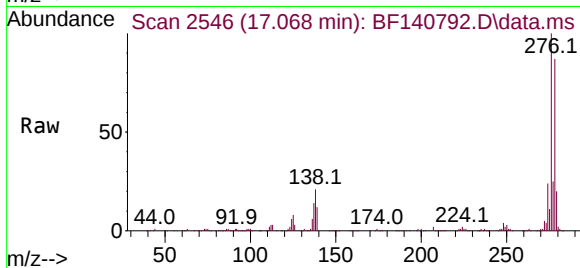
MH-764MSD

Tgt Ion:276 Resp: 362810
Ion Ratio Lower Upper
276 100
138 20.6 15.5 23.3
277 24.9 20.1 30.1

Manual Integrations

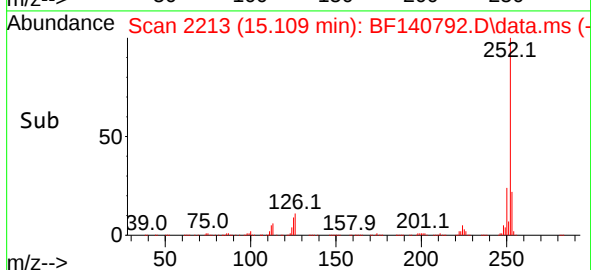
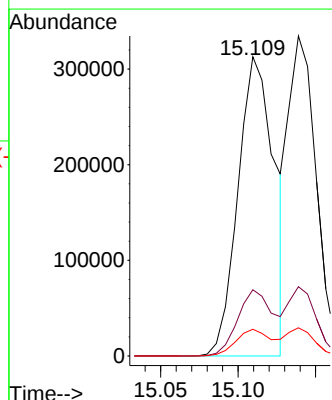
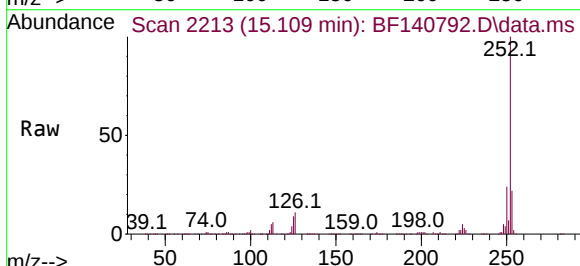
APPROVED

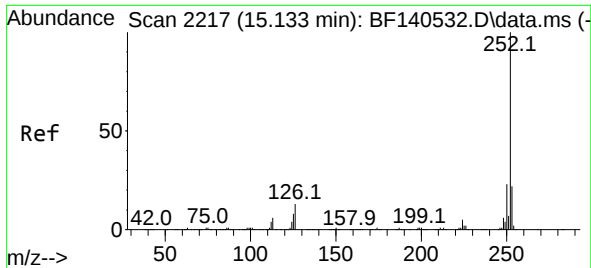
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#88
Benzo(b)fluoranthene
Concen: 62.426 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Tgt Ion:252 Resp: 510520
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.0 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 58.611 ng
RT: 15.139 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

Instrument :

BNA_F

ClientSampleId :

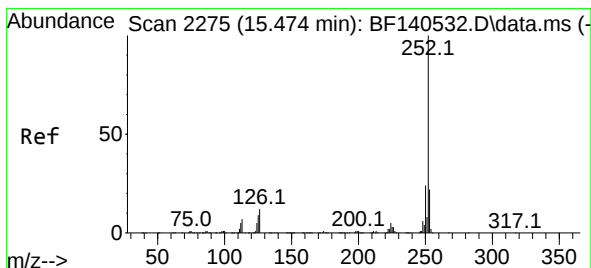
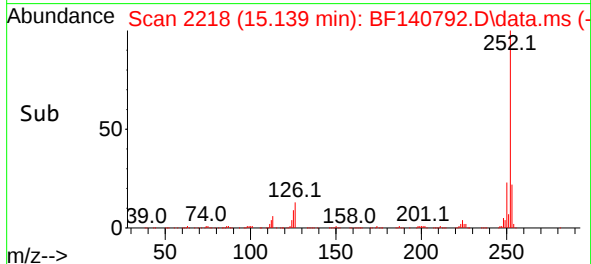
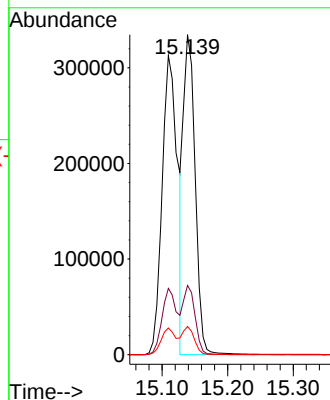
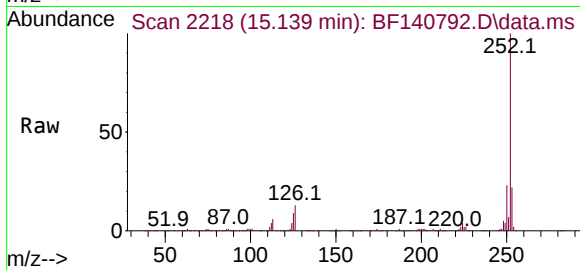
MH-764MSD

Tgt Ion:252 Resp: 41945
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.8 6.5 9.7

Manual Integrations

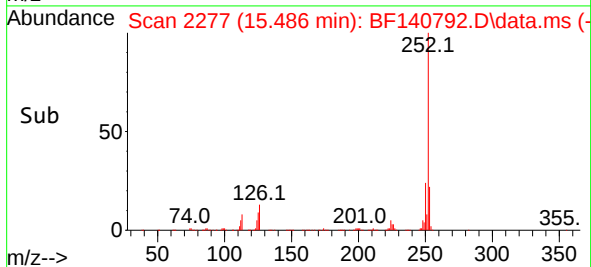
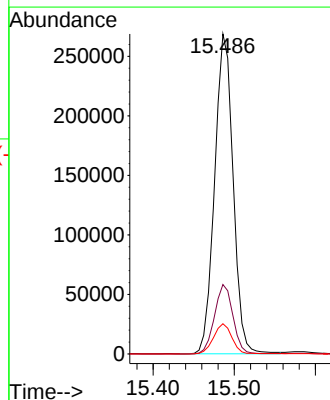
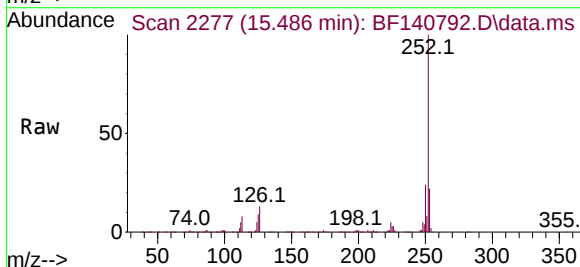
APPROVED

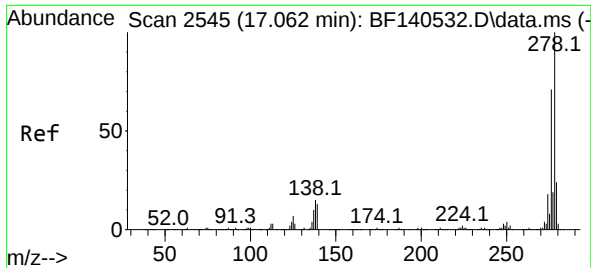
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#90
Benzo(a)pyrene
Concen: 63.982 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

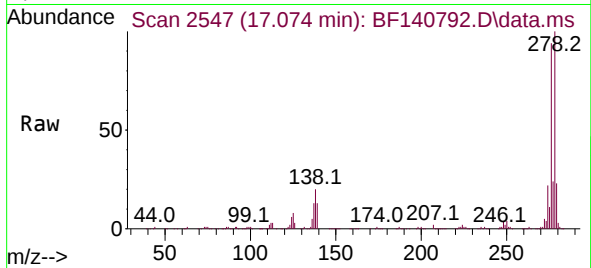
Tgt Ion:252 Resp: 425445
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 44.564 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22

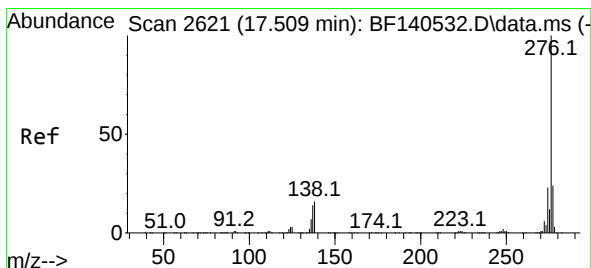
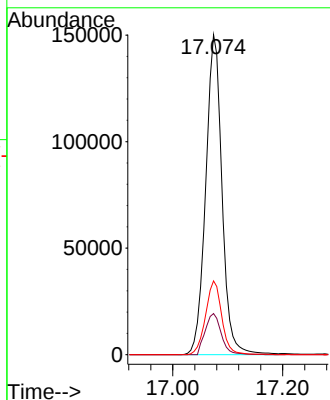
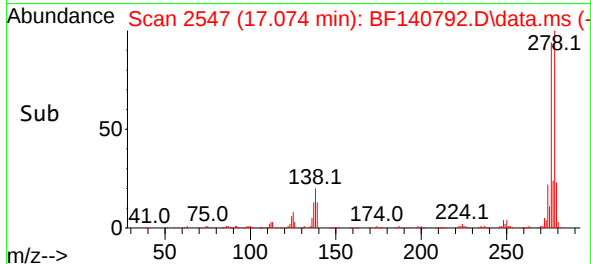
Instrument :
BNA_F
ClientSampleId :
MH-764MSD



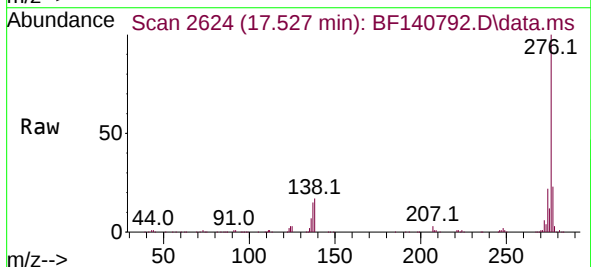
Tgt Ion:278 Resp: 309674
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.1 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#92
Benzo(g,h,i)perylene
Concen: 34.359 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.018 min
Lab File: BF140792.D
Acq: 09 Dec 2024 16:22



Tgt Ion:276 Resp: 243639
Ion Ratio Lower Upper
276 100
277 22.9 18.9 28.3
138 17.2 13.2 19.8

