

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140769.D
 Acq On : 06 Dec 2024 16:24
 Operator : RC/JU
 Sample : P5095-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 15:46:12 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	6.869	152	74918	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	282088	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	153428	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	263510	20.000	ng	0.00
76) Chrysene-d12	14.062	240	161244	20.000	ng	0.01
86) Perylene-d12	15.586	264	176806	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	553459	126.047	ng	0.02
7) Phenol-d6	6.522	99	661461	113.949	ng	0.00
23) Nitrobenzene-d5	7.434	82	504856	91.544	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	225468	137.403	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1010302	98.111	ng	-0.01
79) Terphenyl-d14	12.986	244	914819	88.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	69715	37.763	ng	# 81
3) Pyridine	3.546	79	119660	29.459	ng	97
4) n-Nitrosodimethylamine	3.463	42	96211	40.301	ng	91
6) Aniline	6.545	93	51531	12.612	ng	# 5
8) 2-Chlorophenol	6.669	128	215926	45.709	ng	95
9) Benzaldehyde	6.428	77	34387	11.190	ng	99
10) Phenol	6.534	94	230815	38.935	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	210879	46.485	ng	99
12) 1,3-Dichlorobenzene	6.810	146	207821	39.152	ng	98
13) 1,4-Dichlorobenzene	6.886	146	215692	40.132	ng	99
14) 1,2-Dichlorobenzene	7.039	146	207407	41.183	ng	99
15) Benzyl Alcohol	7.022	79	192444	44.704	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	247581	46.197	ng	# 61
17) 2-Methylphenol	7.139	107	169656	44.865	ng	94
18) Hexachloroethane	7.375	117	78641	39.177	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	160085	46.663	ng	98
20) 3+4-Methylphenols	7.298	107	228625	47.037	ng	# 59
22) Acetophenone	7.281	105	310900	45.208	ng	# 92
24) Nitrobenzene	7.457	77	240401	42.177	ng	98
25) Isophorone	7.692	82	435913	47.390	ng	99
26) 2-Nitrophenol	7.769	139	118530	46.926	ng	97
27) 2,4-Dimethylphenol	7.810	122	179253m	59.312	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	265816	47.436	ng	100
29) 2,4-Dichlorophenol	8.028	162	191853	47.908	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	193834	42.392	ng	99
31) Naphthalene	8.175	128	646808	44.515	ng	99
32) Benzoic acid	7.951	122	95591	38.093	ng	99
33) 4-Chloroaniline	8.245	127	28907	6.645	ng	98
34) Hexachlorobutadiene	8.281	225	127306	42.036	ng	99
35) Caprolactam	8.598	113	45112m	36.401	ng	
36) 4-Chloro-3-methylphenol	8.722	107	202211	45.099	ng	98
37) 2-Methylnaphthalene	8.863	142	434554	47.086	ng	99
38) 1-Methylnaphthalene	8.963	142	403393	44.593	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	215081	47.885	ng	100
41) Hexachlorocyclopentadiene	9.010	237	137112	130.720	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	135696	48.146	ng	99

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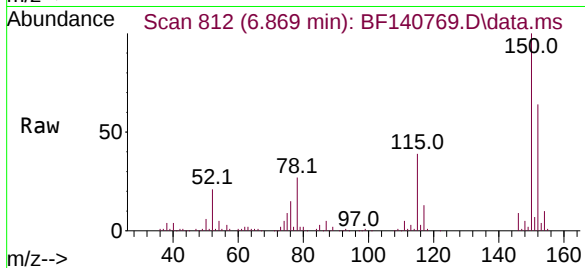
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	137167	44.843	ng	98
46) 1,1'-Biphenyl	9.327	154	551600	48.153	ng	99
47) 2-Chloronaphthalene	9.351	162	406975	46.888	ng	99
48) 2-Nitroaniline	9.457	65	121976	43.781	ng	96
49) Acenaphthylene	9.769	152	659461	50.285	ng	99
50) Dimethylphthalate	9.627	163	501806	49.661	ng	100
51) 2,6-Dinitrotoluene	9.698	165	104218	45.477	ng	94
52) Acenaphthene	9.939	154	401355	48.165	ng	99
53) 3-Nitroaniline	9.875	138	15040	6.710	ng	98
54) 2,4-Dinitrophenol	9.992	184	106769	88.984	ng	93
55) Dibenzofuran	10.116	168	601725	47.342	ng	100
56) 4-Nitrophenol	10.063	139	80052	52.369	ng	90
57) 2,4-Dinitrotoluene	10.104	165	134603	44.194	ng	95
58) Fluorene	10.457	166	479765	47.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121175	51.546	ng	89
60) Diethylphthalate	10.327	149	494465	48.163	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	240718	48.078	ng	98
62) 4-Nitroaniline	10.486	138	85243	36.261	ng	93
63) Azobenzene	10.610	77	456893	46.994	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	71281	52.936	ng	94
66) n-Nitrosodiphenylamine	10.569	169	389034	49.923	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	140725	51.856	ng	97
68) Hexachlorobenzene	11.010	284	155358	49.441	ng	99
69) Atrazine	11.098	200	101020	46.081	ng	99
70) Pentachlorophenol	11.216	266	115566	83.563	ng	99
71) Phenanthrene	11.421	178	628711	49.635	ng	99
72) Anthracene	11.474	178	637931	51.486	ng	99
73) Carbazole	11.633	167	524052	43.965	ng	100
74) Di-n-butylphthalate	11.951	149	730848	53.109	ng	99
75) Fluoranthene	12.616	202	605447	44.024	ng	99
77) Benzidine	12.757	184	14663	3.128	ng	98
78) Pyrene	12.845	202	604644	40.556	ng	99
80) Butylbenzylphthalate	13.457	149	250579	46.656	ng	99
81) Benzo(a)anthracene	14.051	228	513574	48.116	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	35787	11.167	ng	98
83) Chrysene	14.092	228	482809	49.469	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	351739	51.865	ng	100
85) Di-n-octyl phthalate	14.668	149	594657	64.161	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	450857	39.129	ng	98
88) Benzo(b)fluoranthene	15.145	252	545849	49.152	ng	99
89) Benzo(k)fluoranthene	15.174	252	458892	47.220	ng	99
90) Benzo(a)pyrene	15.527	252	470488	52.105	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	385134	40.814	ng	99
92) Benzo(g,h,i)perylene	17.574	276	305223	31.698	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140769.D
 Acq: 06 Dec 2024 16:24

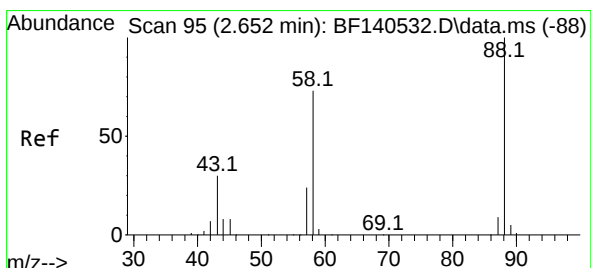
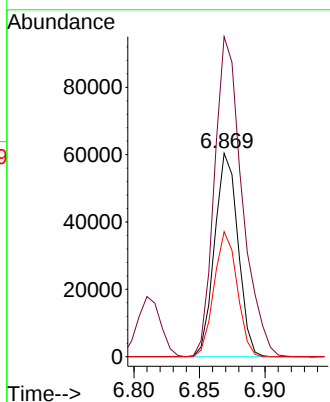
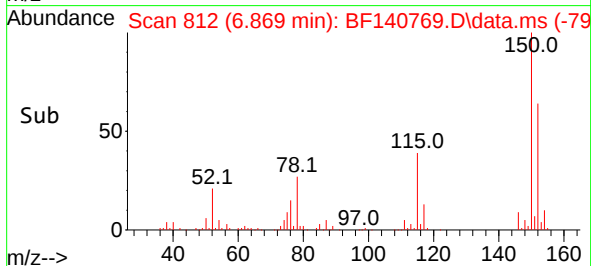
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS



Tgt Ion:152 Resp: 74918
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.5 192.7
 115 61.5 50.2 75.4

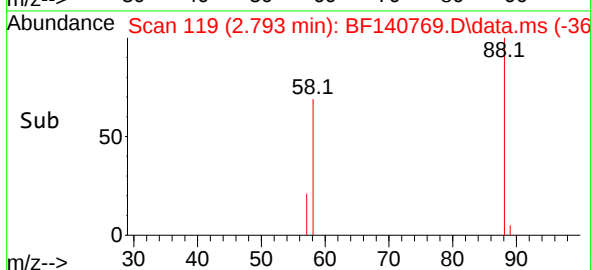
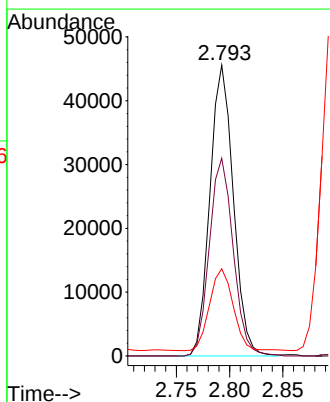
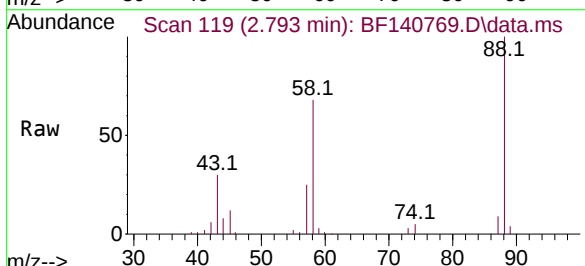
Manual Integrations
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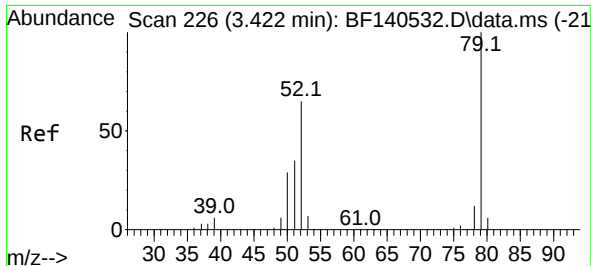
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



#2
 1,4-Dioxane
 Concen: 37.763 ng
 RT: 2.793 min Scan# 119
 Delta R.T. 0.141 min
 Lab File: BF140769.D
 Acq: 06 Dec 2024 16:24

Tgt Ion: 88 Resp: 69715
 Ion Ratio Lower Upper
 88 100
 58 69.2 57.4 86.2
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 29.459 ng

RT: 3.546 min Scan# 24

Delta R.T. 0.123 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 79 Resp: 11966

Ion Ratio Lower Upper

79 100

52 68.7 52.1 78.1

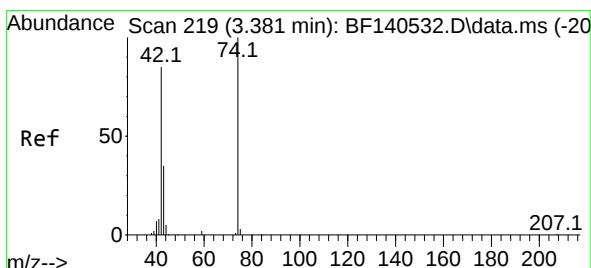
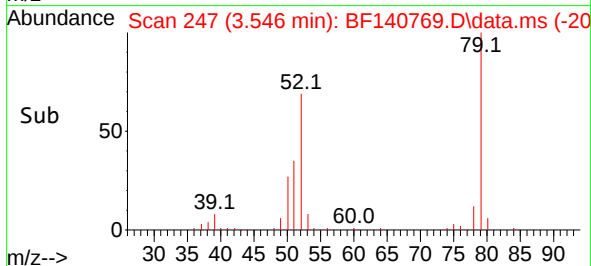
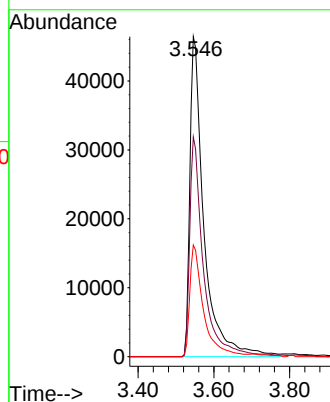
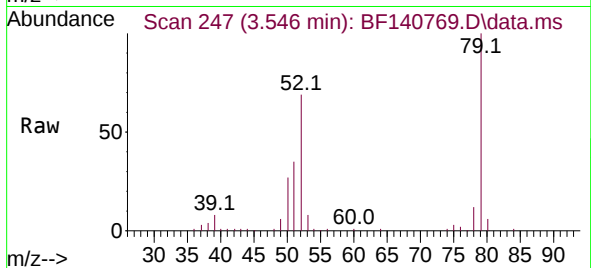
51 34.9 27.8 41.8

Manual Integrations

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Supervised By :mohammad ahmed 12/10/2024



#4

n-Nitrosodimethylamine

Concen: 40.301 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.082 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

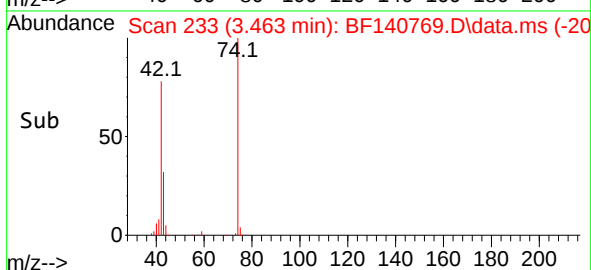
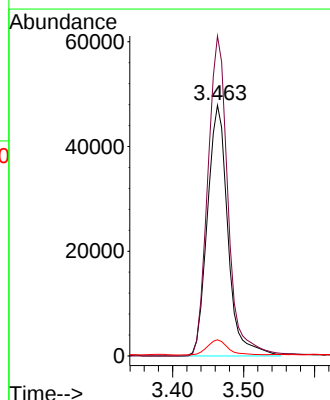
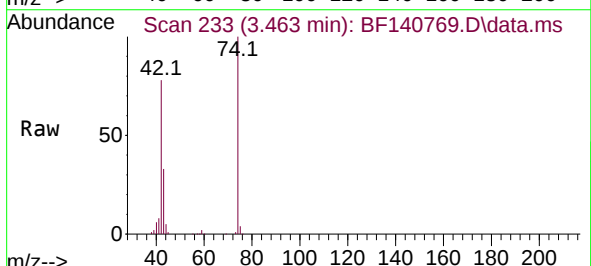
Tgt Ion: 42 Resp: 96211

Ion Ratio Lower Upper

42 100

74 127.6 93.8 140.6

44 6.4 4.6 6.8





#5
2-Fluorophenol
Concen: 126.047 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

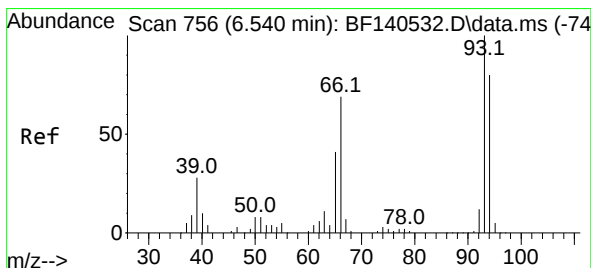
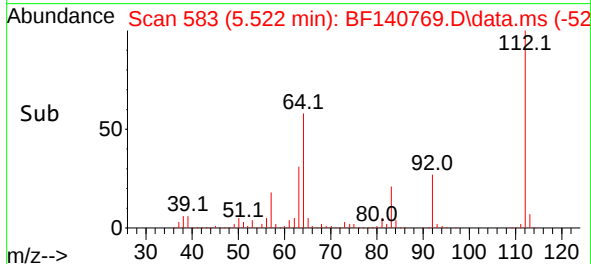
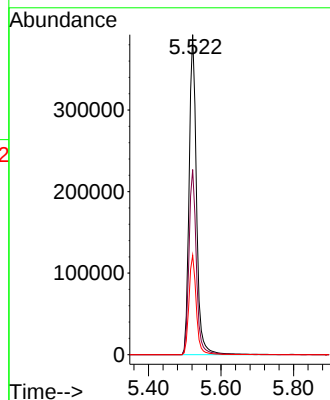
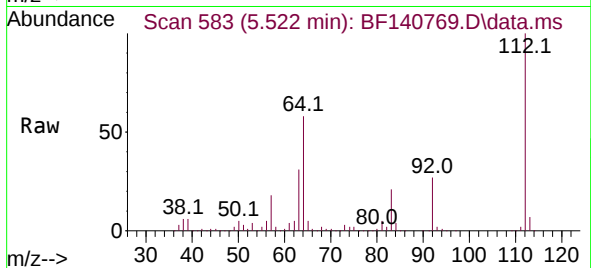
MH-764MS

Tgt Ion:112 Resp: 55345
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.0 27.0 40.4

Manual Integrations

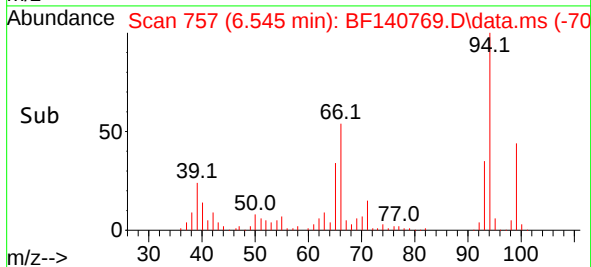
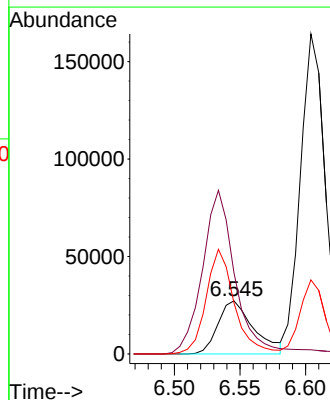
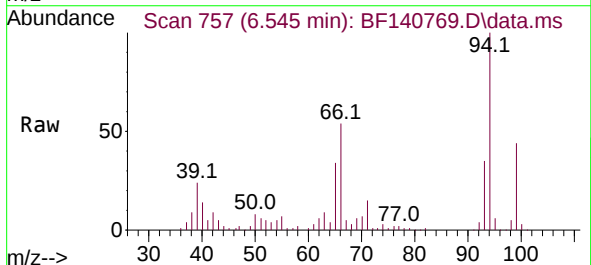
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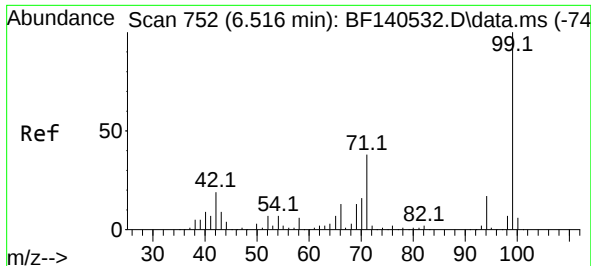
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#6
Aniline
Concen: 12.612 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion: 93 Resp: 51531
Ion Ratio Lower Upper
93 100
66 153.0 56.5 84.7#
65 96.0 32.9 49.3#





#7

Phenol-d6

Concen: 113.949 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion: 99 Resp: 66146

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.0

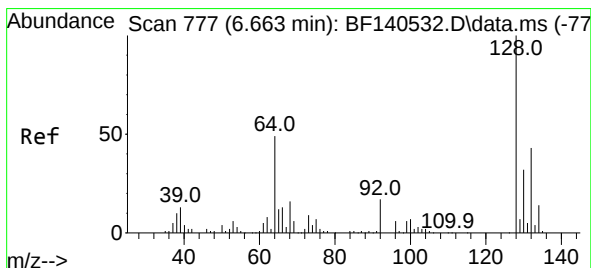
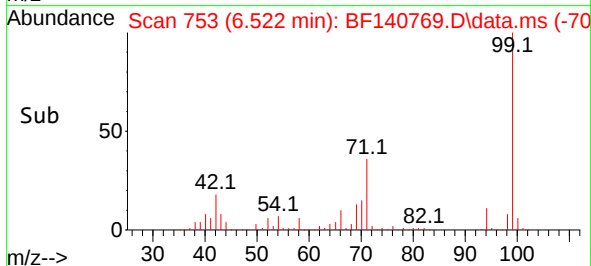
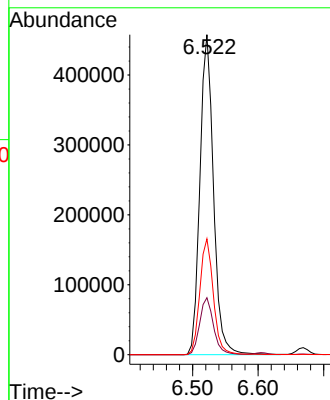
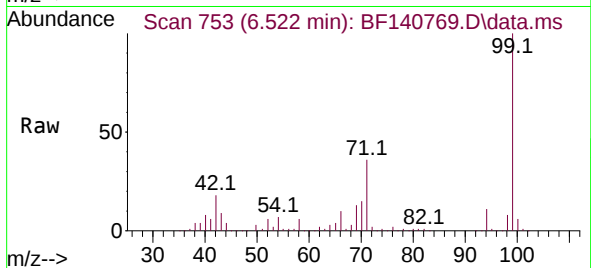
71 36.2 30.6 46.0

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Supervised By :mohammad ahmed 12/10/2024



#8

2-Chlorophenol

Concen: 45.709 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

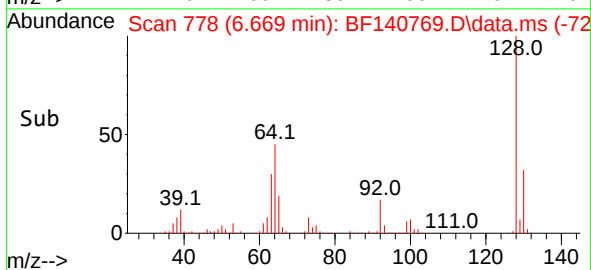
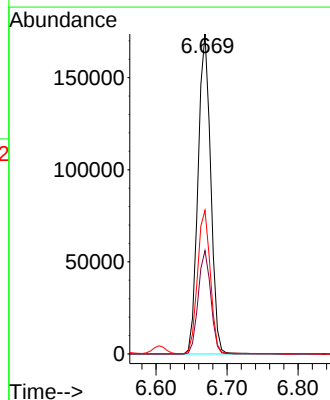
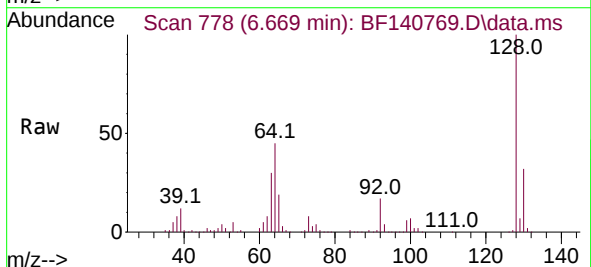
Tgt Ion:128 Resp: 215926

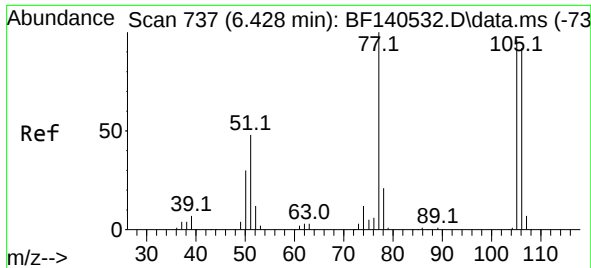
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 44.9 30.2 70.2





#9

Benzaldehyde

Concen: 11.190 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

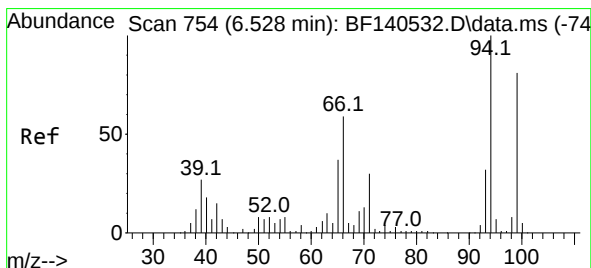
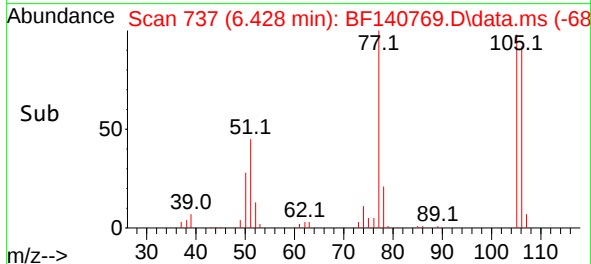
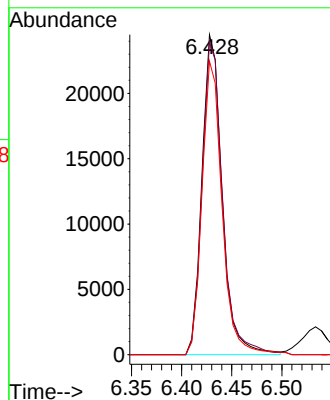
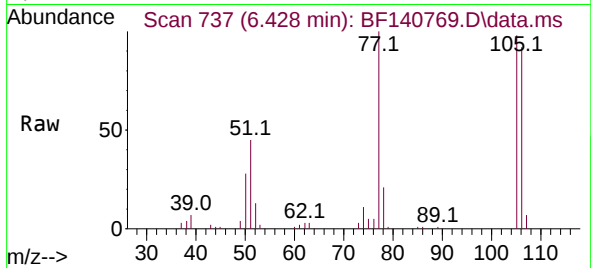
Tgt Ion: 77	Resp: 3438
Ion Ratio	Lower Upper
77 100	
105 97.7	75.6 115.6
106 91.8	72.0 112.0

Manual Integrations

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#10

Phenol

Concen: 38.935 ng

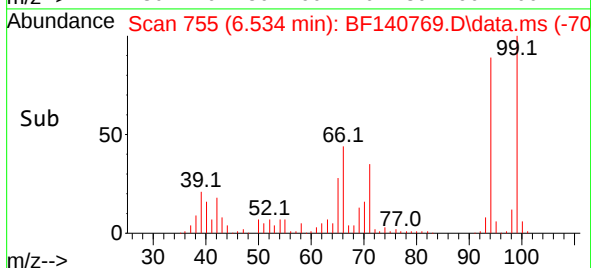
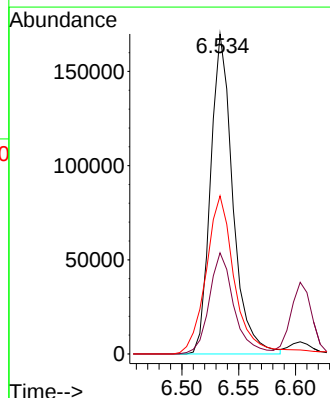
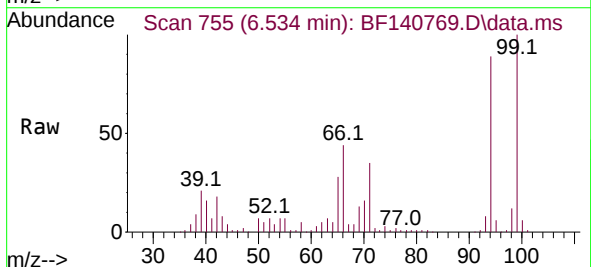
RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion: 94	Resp: 230815
Ion Ratio	Lower Upper
94 100	
65 31.6	17.2 57.2
66 49.4	39.2 79.2





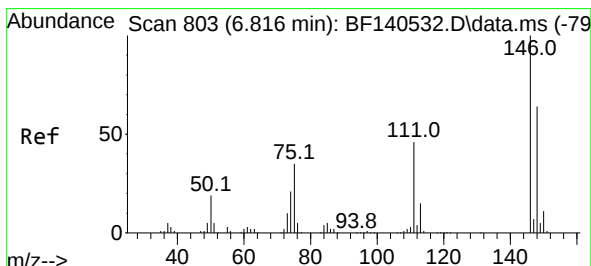
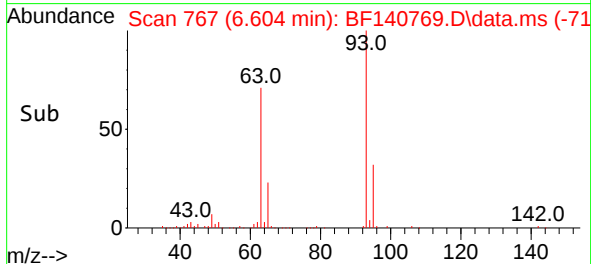
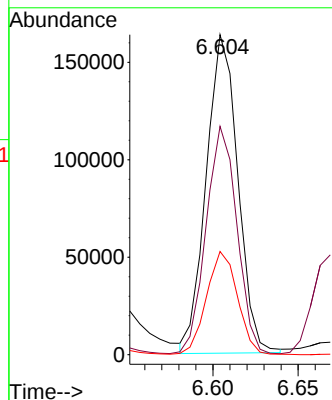
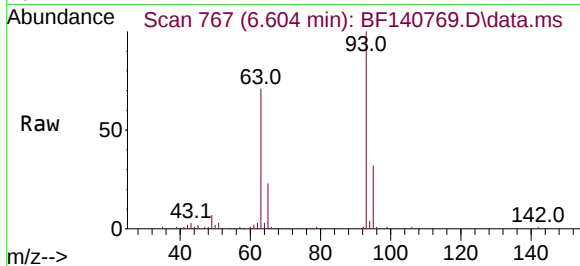
#11
bis(2-Chloroethyl)ether
Concen: 46.485 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion: 93 Resp: 210879
Ion Ratio Lower Upper
93 100
63 71.3 52.8 92.8
95 32.3 12.3 52.3

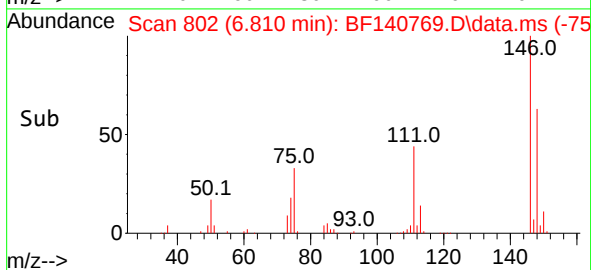
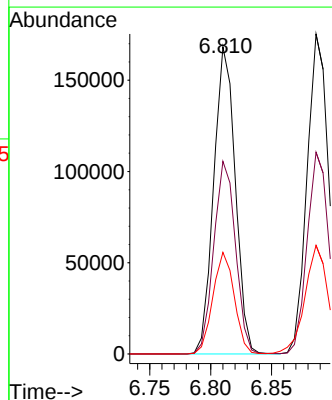
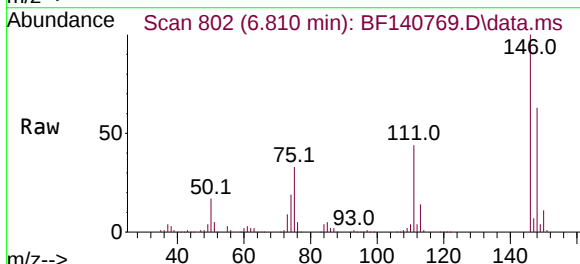
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#12
1,3-Dichlorobenzene
Concen: 39.152 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:146 Resp: 207821
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
75 33.1 28.2 42.2





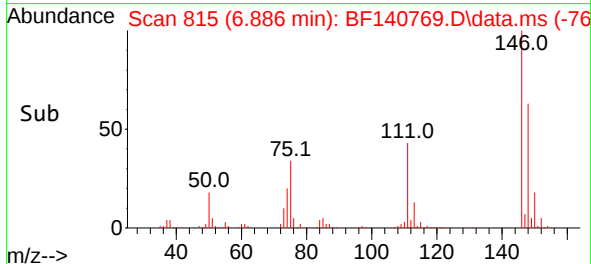
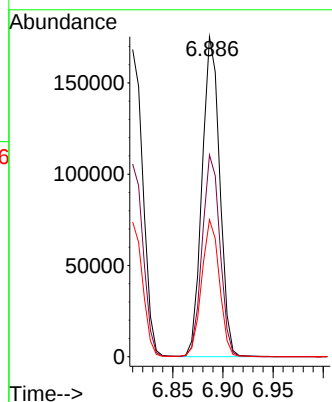
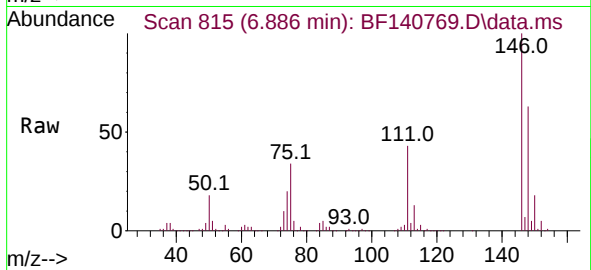
#13
1,4-Dichlorobenzene
Concen: 40.132 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:146 Resp: 215692
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 42.8 35.3 52.9

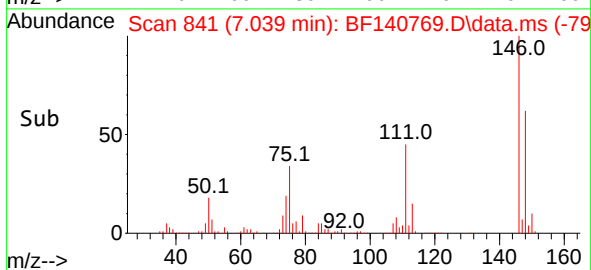
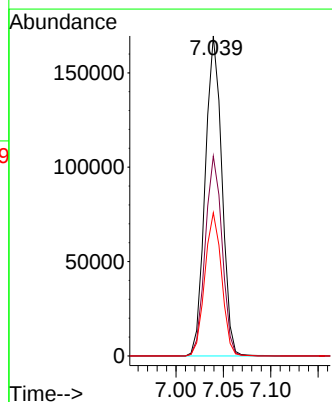
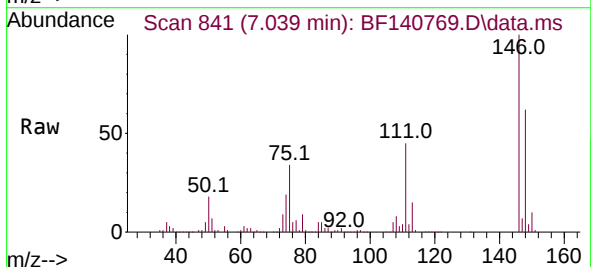
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#14
1,2-Dichlorobenzene
Concen: 41.183 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:146 Resp: 207407
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
111 44.8 36.7 55.1





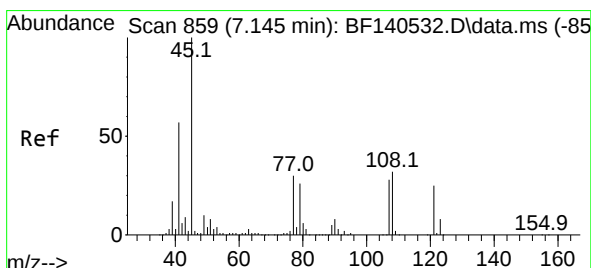
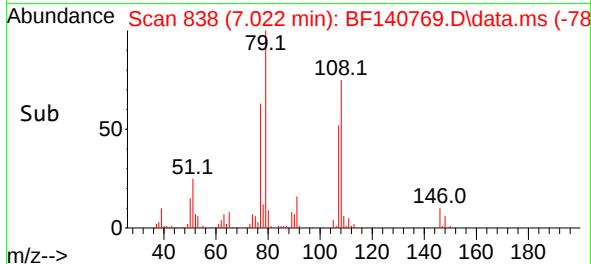
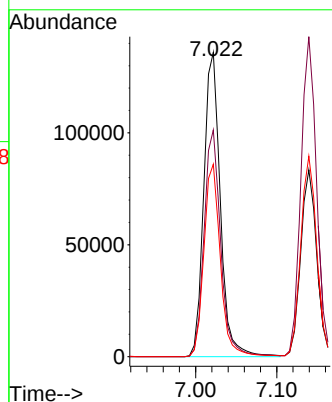
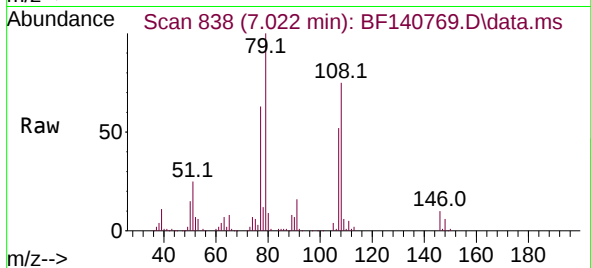
#15
Benzyl Alcohol
Concen: 44.704 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion: 79 Resp: 19244
Ion Ratio Lower Upper
79 100
108 74.5 55.0 82.6
77 63.3 50.1 75.1

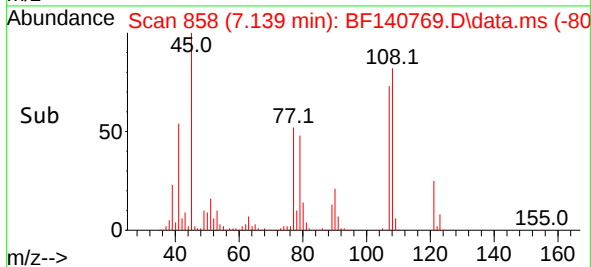
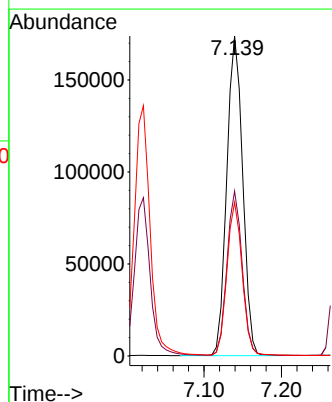
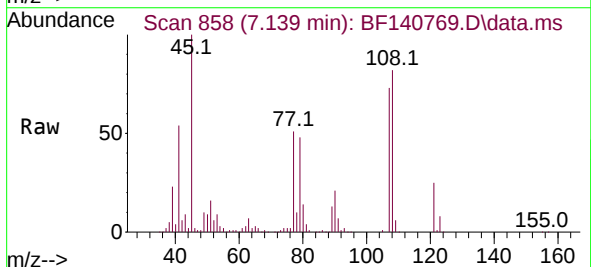
Manual Integrations
APPROVED

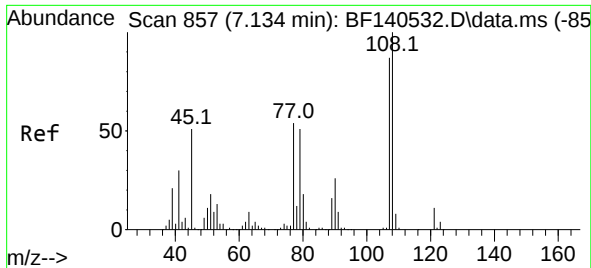
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.197 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

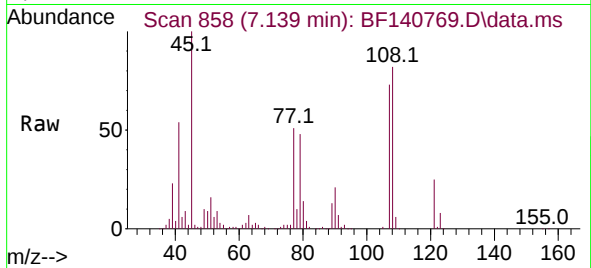
Tgt Ion: 45 Resp: 247581
Ion Ratio Lower Upper
45 100
77 51.5 10.7 50.7#
79 48.0 7.0 47.0#





#17
2-Methylphenol
Concen: 44.865 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

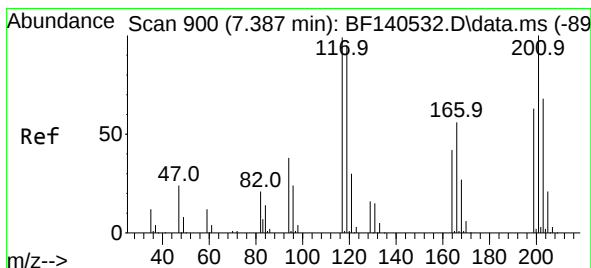
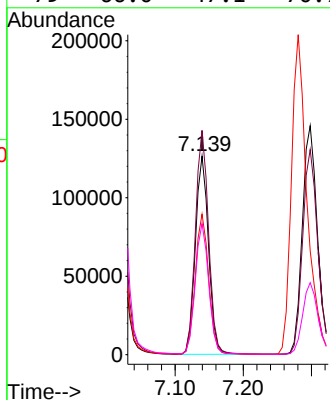
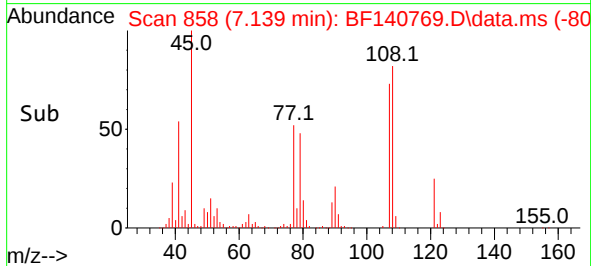
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:107 Resp: 169650
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 70.8 49.3 73.9
79 66.0 47.1 70.7

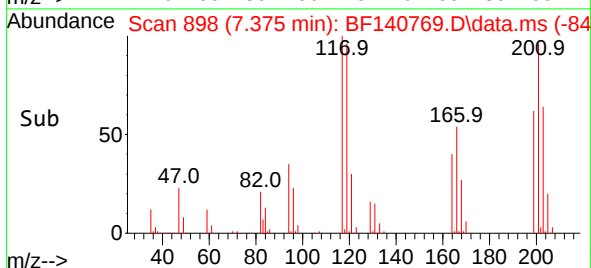
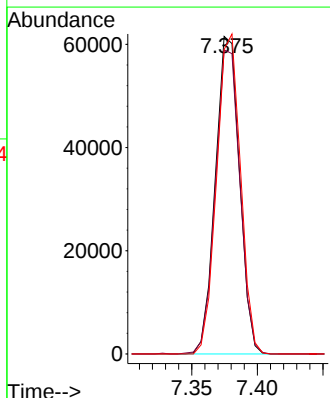
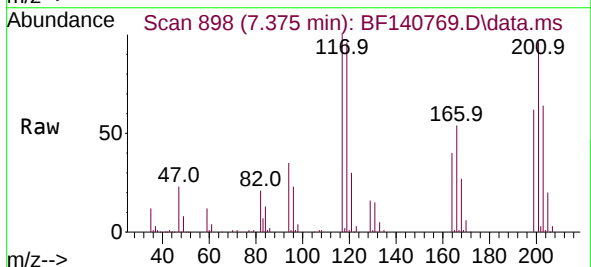
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#18
Hexachloroethane
Concen: 39.177 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:117 Resp: 78641
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
201 95.9 81.1 121.7





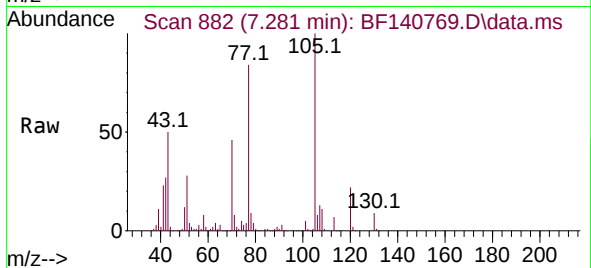
#19
n-Nitroso-di-n-propylamine
Concen: 46.663 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

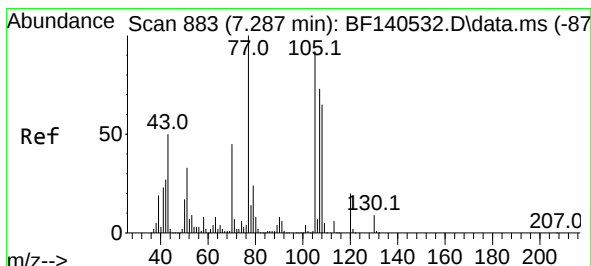
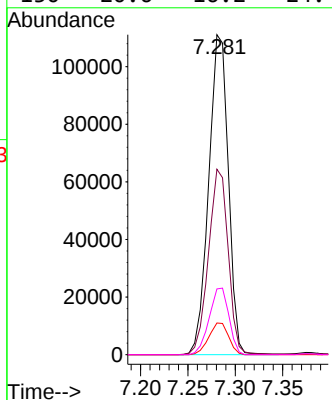
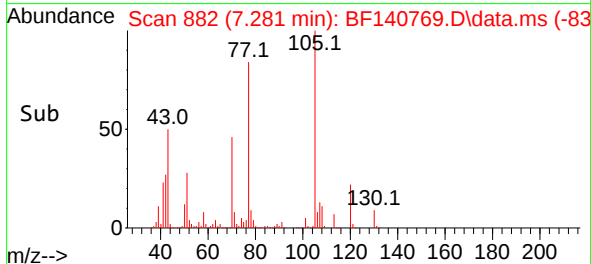
MH-764MS



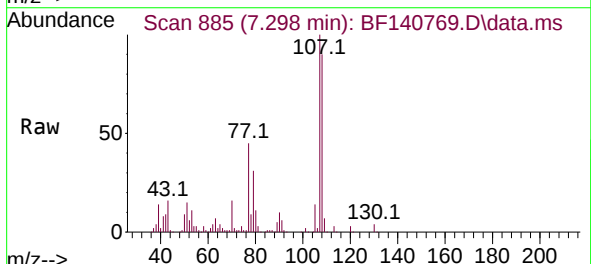
Tgt Ion: 70 Resp: 160085
Ion Ratio Lower Upper
70 100
42 58.0 47.6 71.4
101 9.9 7.6 11.4
130 20.6 16.2 24.4

Manual Integrations
APPROVED

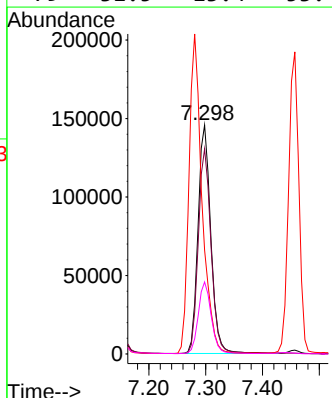
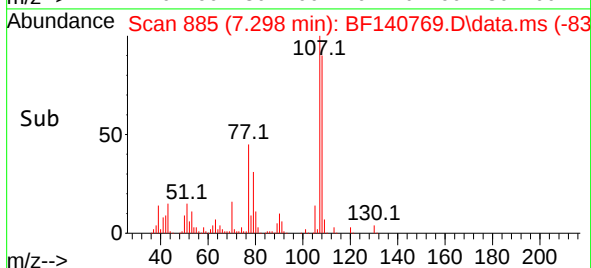
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

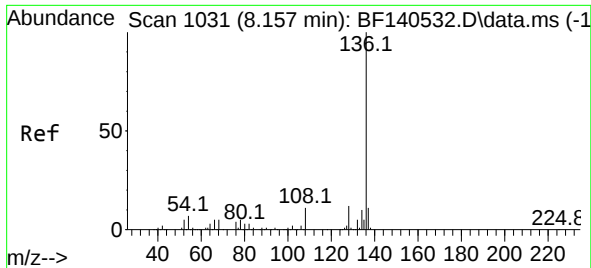


#20
3+4-Methylphenols
Concen: 47.037 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24



Tgt Ion:107 Resp: 228625
Ion Ratio Lower Upper
107 100
108 89.6 69.9 109.9
77 45.4 117.7 157.7#
79 31.5 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

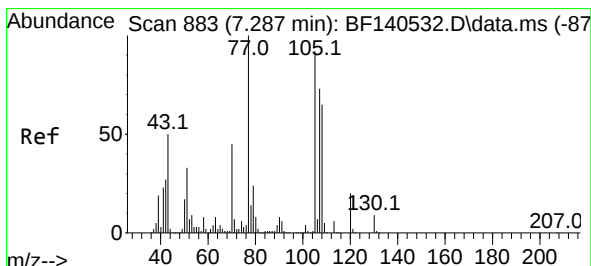
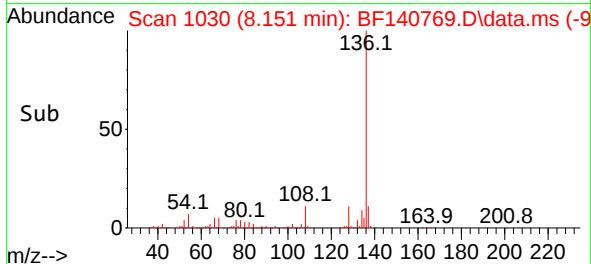
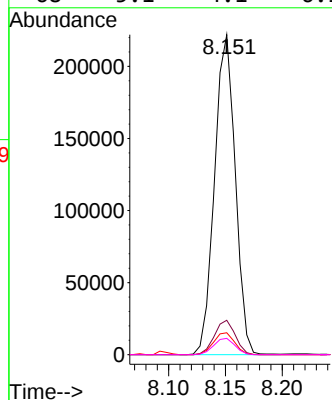
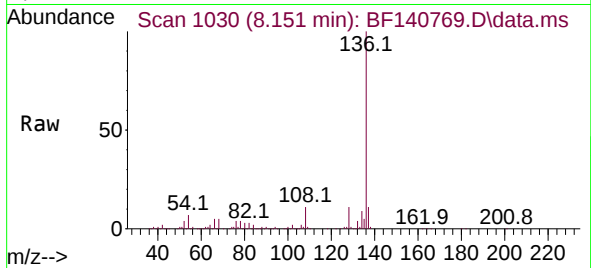
MH-764MS

Tgt Ion:136 Resp: 282088
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

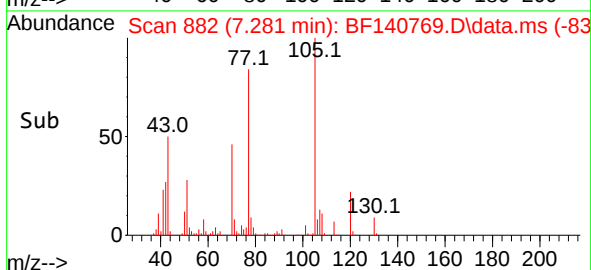
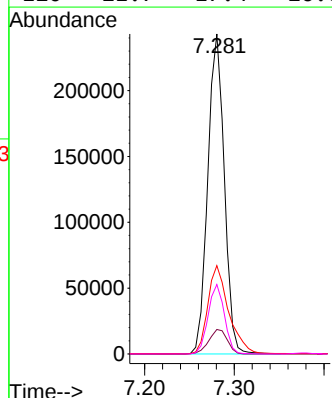
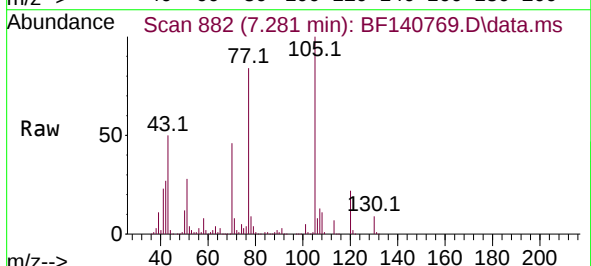
APPROVED

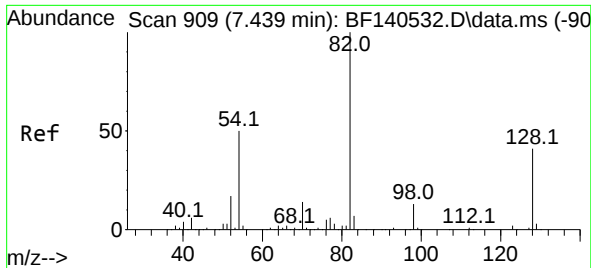
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#22
Acetophenone
Concen: 45.208 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:105 Resp: 310900
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.2
51 27.6 29.0 43.6#
120 21.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 91.544 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

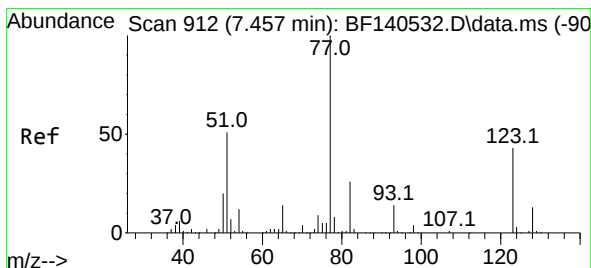
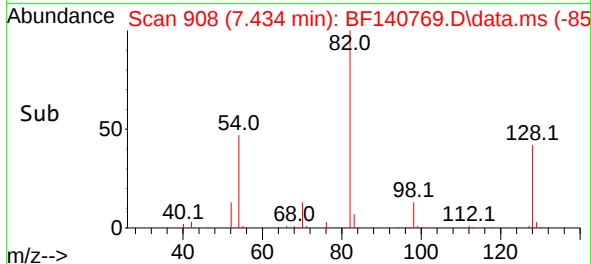
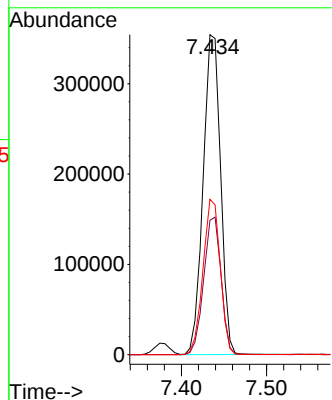
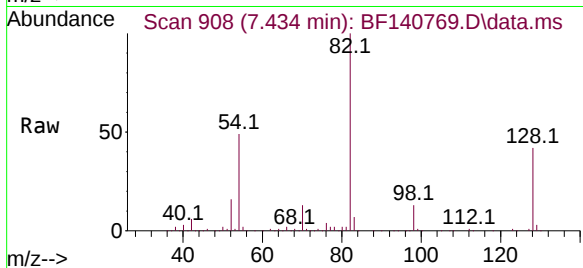
ClientSampleId :

MH-764MS

Tgt Ion: 82 Resp: 504850
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 48.5 39.5 59.3

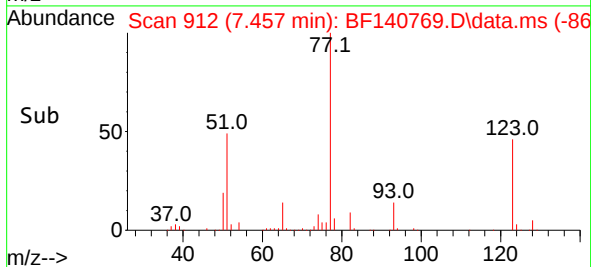
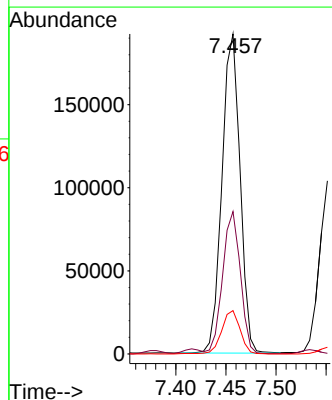
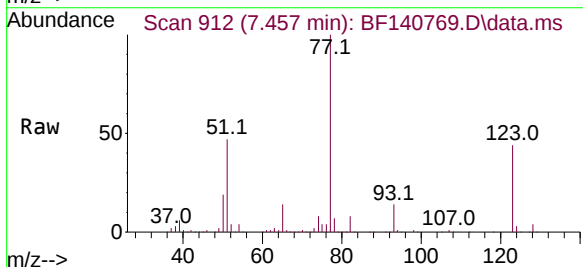
Manual Integrations
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Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#24
Nitrobenzene
Concen: 42.177 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion: 77 Resp: 240401
Ion Ratio Lower Upper
77 100
123 44.5 34.3 51.5
65 13.6 11.2 16.8





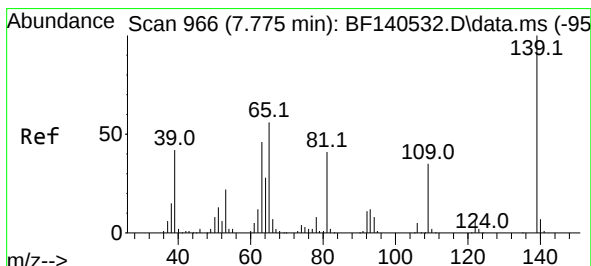
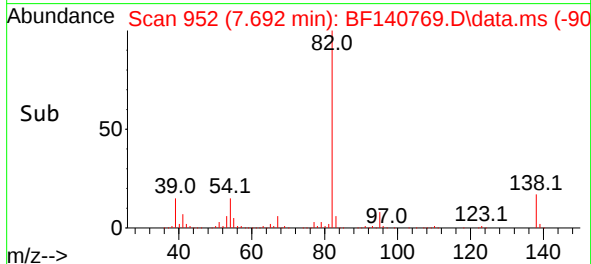
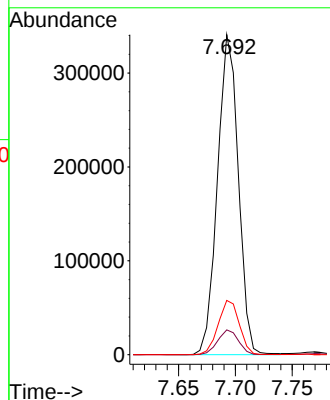
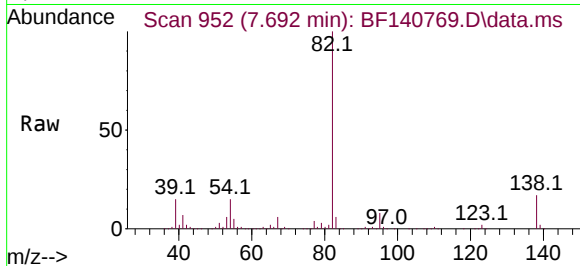
#25
Isophorone
Concen: 47.390 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion: 82 Resp: 43591
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.0 13.8 20.6

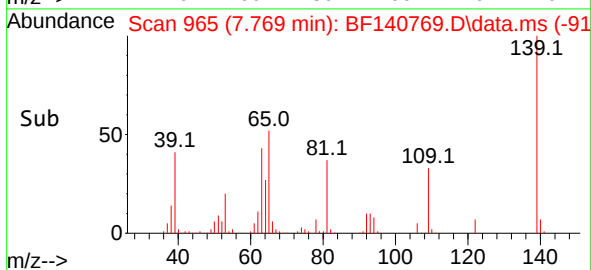
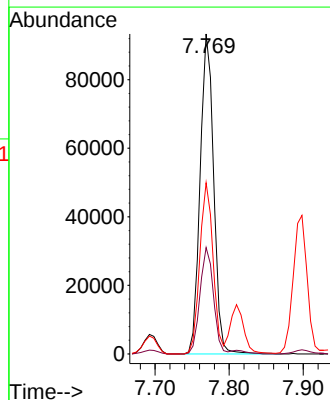
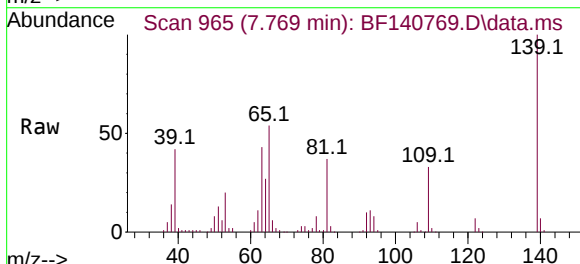
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#26
2-Nitrophenol
Concen: 46.926 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:139 Resp: 118530
Ion Ratio Lower Upper
139 100
109 33.3 28.0 42.0
65 53.5 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 59.312 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

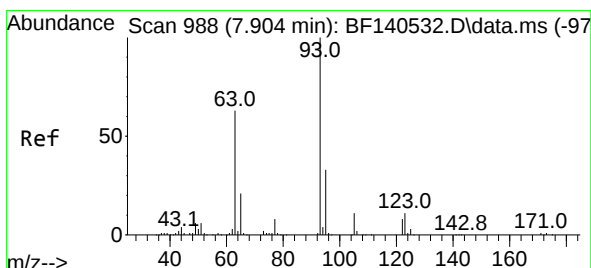
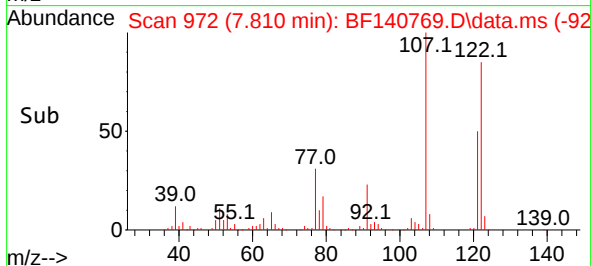
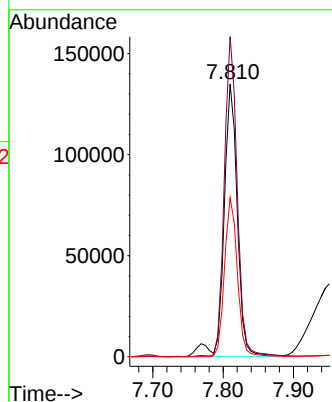
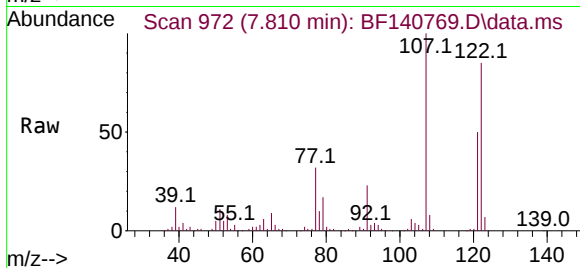
ClientSampleId :

MH-764MS

Tgt Ion:122 Resp: 17925
Ion Ratio Lower Upper
122 100
107 117.5 96.8 145.2
121 58.4 47.4 71.0

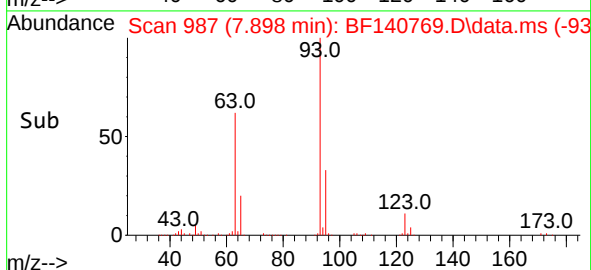
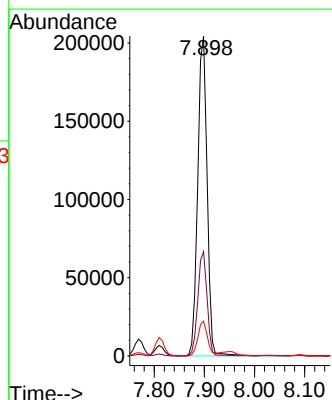
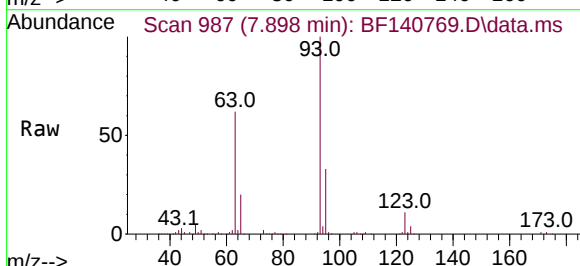
Manual Integrations
APPROVED

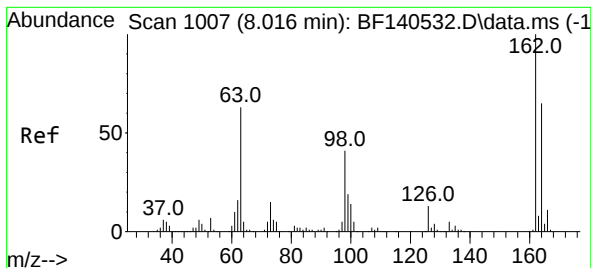
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.436 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion: 93 Resp: 265816
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 10.9 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 47.908 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

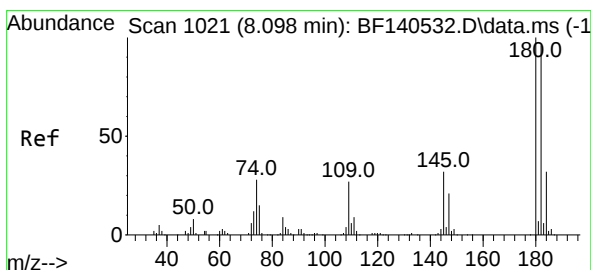
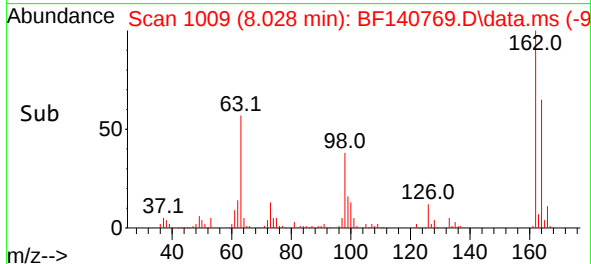
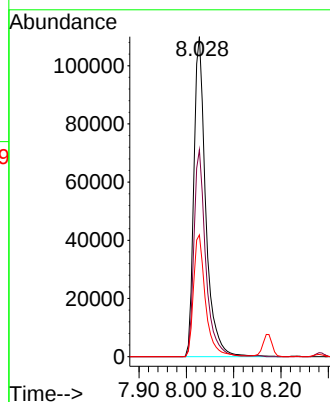
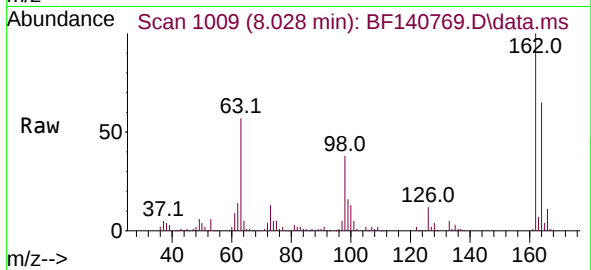
MH-764MS

Tgt Ion:162 Resp: 19185
Ion Ratio Lower Upper
162 100
164 64.7 44.8 84.8
98 38.1 21.2 61.2

Manual Integrations

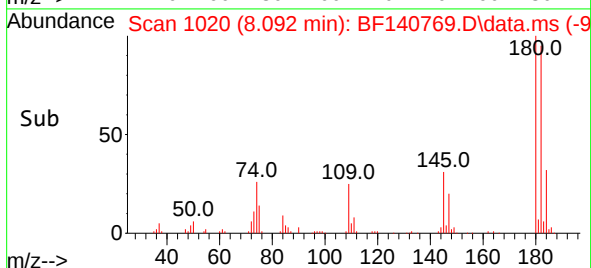
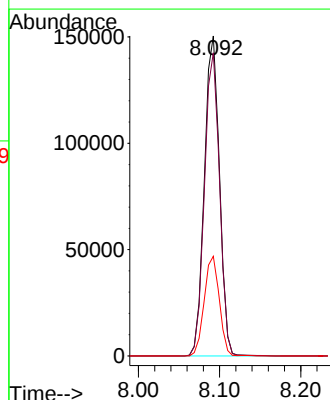
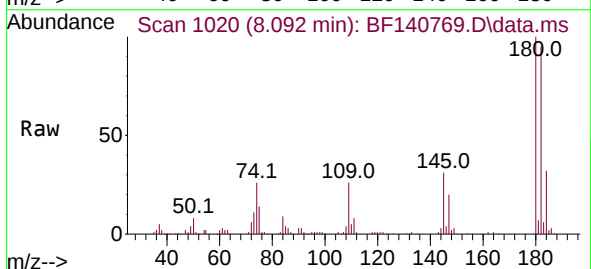
APPROVED

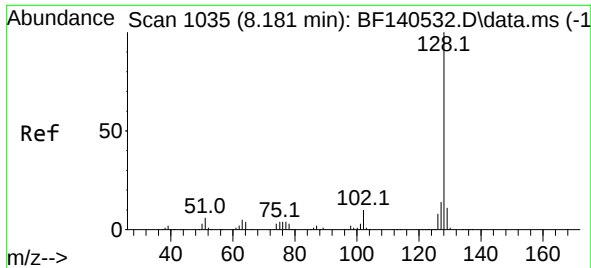
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.392 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:180 Resp: 193834
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 31.1 25.9 38.9





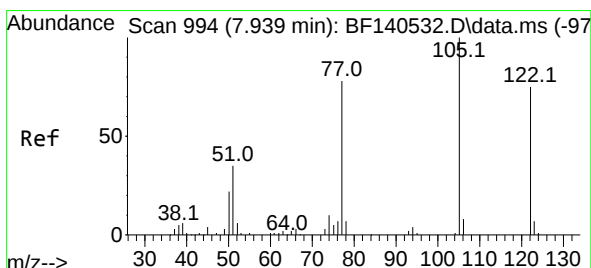
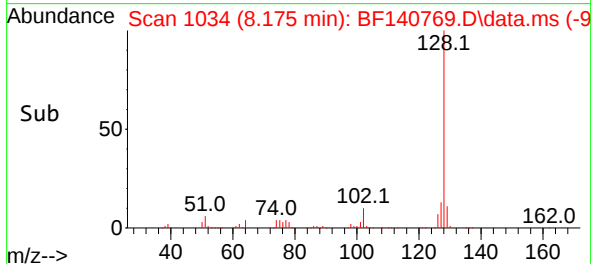
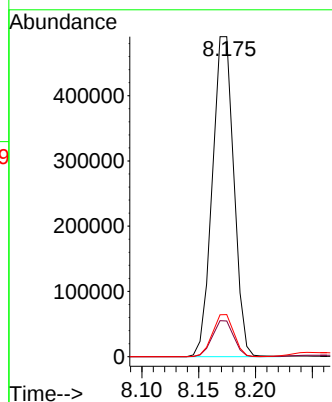
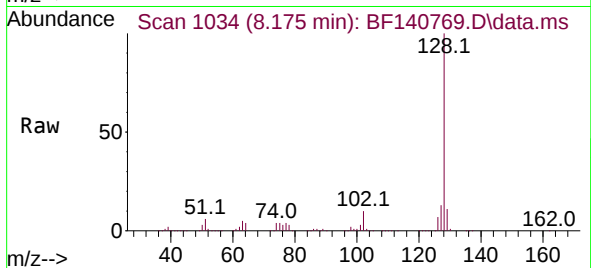
#31
Naphthalene
Concen: 44.515 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:128 Resp: 64680
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2

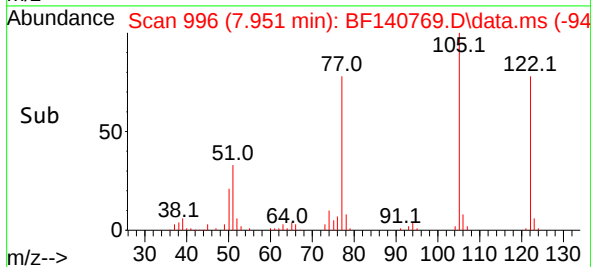
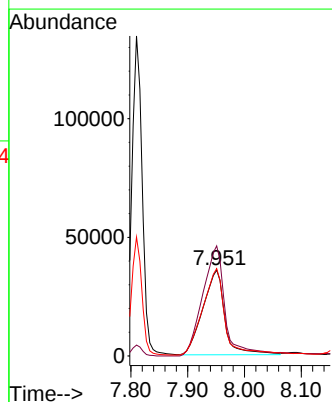
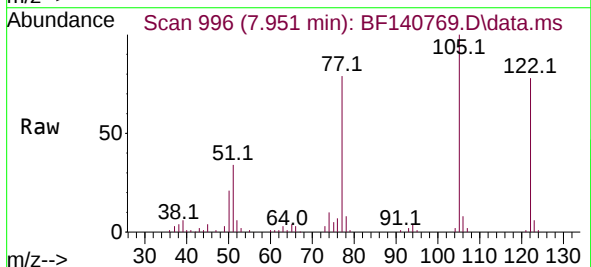
Manual Integrations
APPROVED

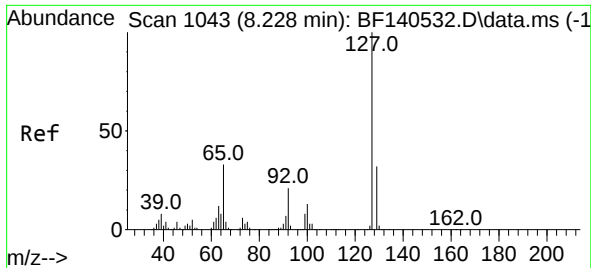
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#32
Benzoic acid
Concen: 38.093 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:122 Resp: 95591
Ion Ratio Lower Upper
122 100
105 128.1 109.3 149.3
77 101.6 82.3 122.3





#33
4-Chloroaniline
Concen: 6.645 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.018 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

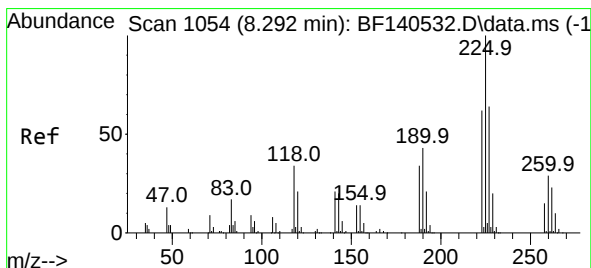
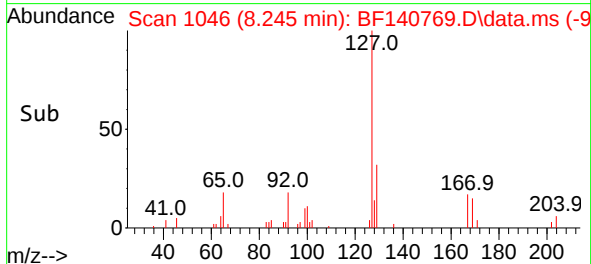
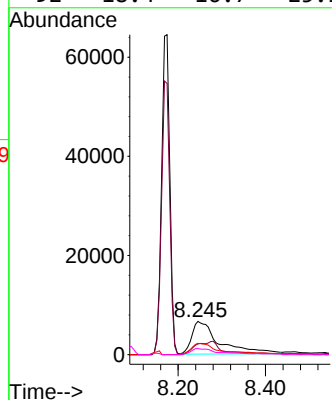
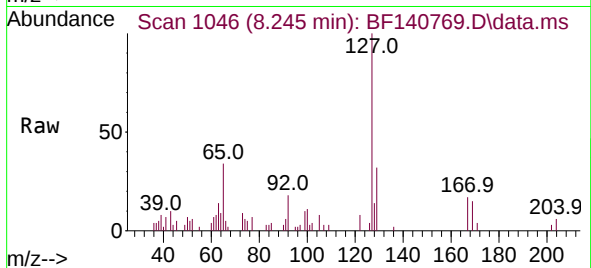
ClientSampleId :

MH-764MS

Tgt Ion:	127	Resp:	2890
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.0	39.0
65	34.0	26.0	39.0
92	18.4	16.7	25.1

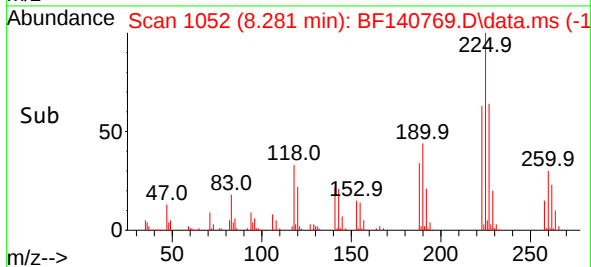
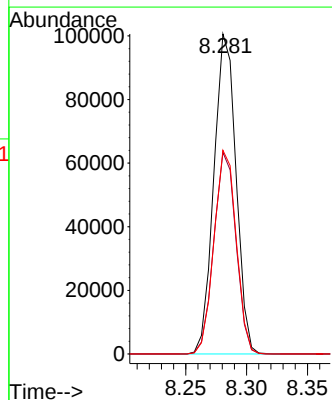
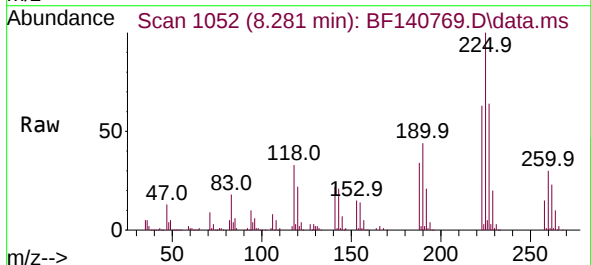
Manual Integrations
APPROVED

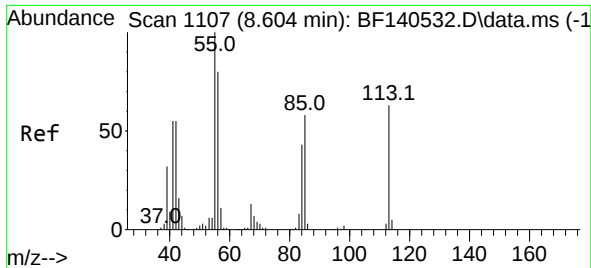
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#34
Hexachlorobutadiene
Concen: 42.036 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

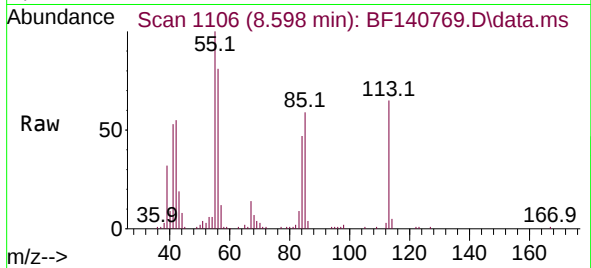
Tgt Ion:	225	Resp:	127306
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.8	74.8
227	63.7	51.3	76.9





#35
 Caprolactam
 Concen: 36.401 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140769.D
 Acq: 06 Dec 2024 16:24

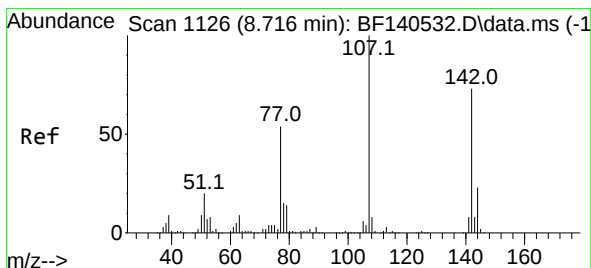
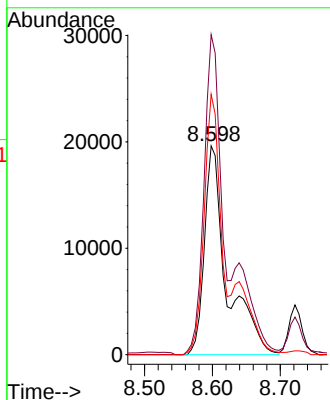
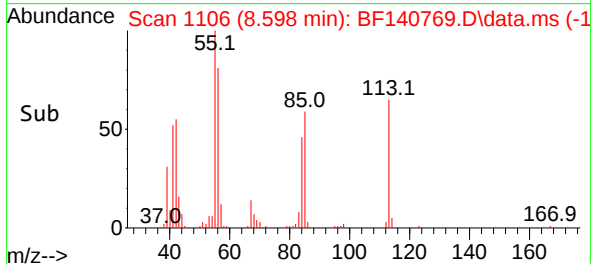
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS



Tgt Ion:113 Resp: 4511
 Ion Ratio Lower Upper
 113 100
 55 153.2 137.7 177.7
 56 124.6 106.4 146.4

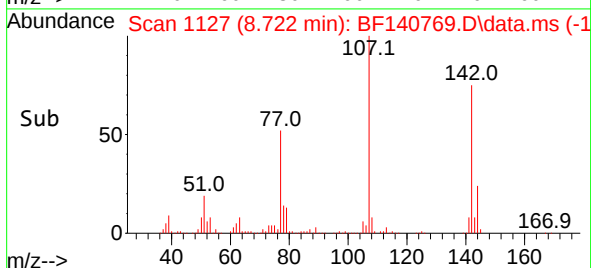
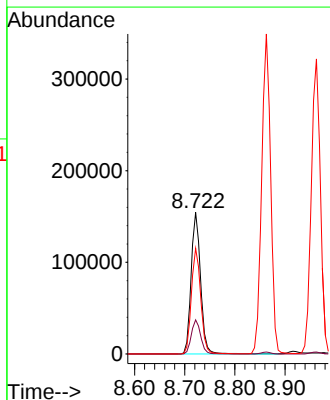
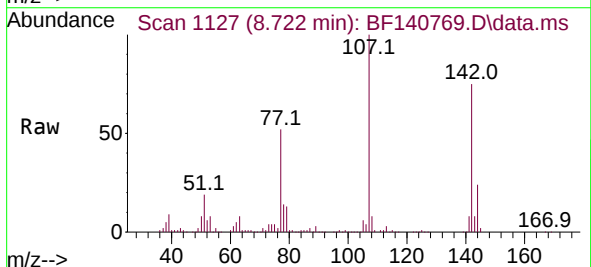
Manual Integrations
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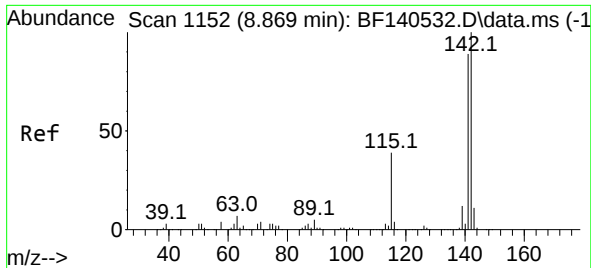
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



#36
 4-Chloro-3-methylphenol
 Concen: 45.099 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF140769.D
 Acq: 06 Dec 2024 16:24

Tgt Ion:107 Resp: 202211
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.7 28.1
 142 74.6 58.3 87.5





#37

2-Methylnaphthalene

Concen: 47.086 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:142 Resp: 434554

Ion Ratio Lower Upper

142 100

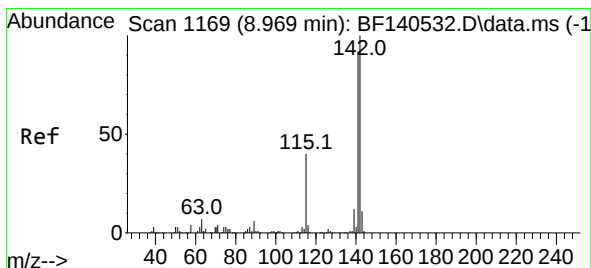
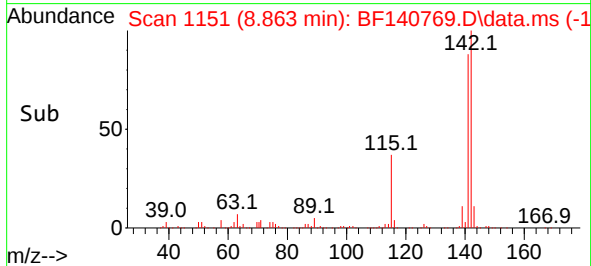
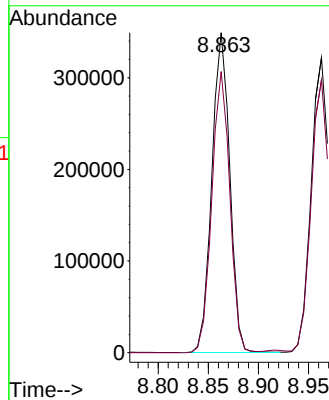
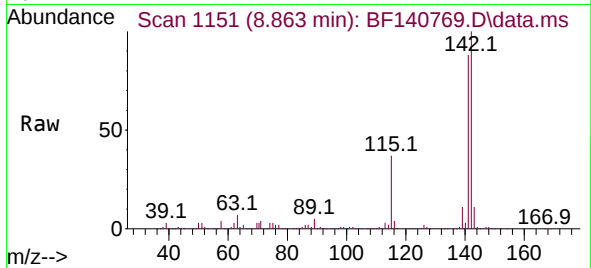
141 87.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#38

1-Methylnaphthalene

Concen: 44.593 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140769.D

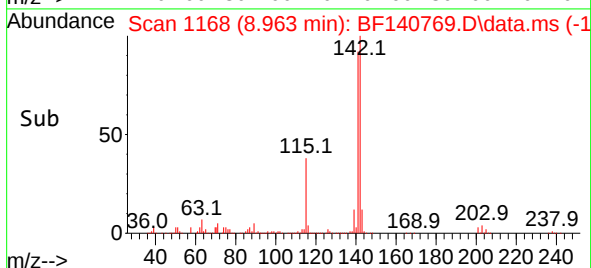
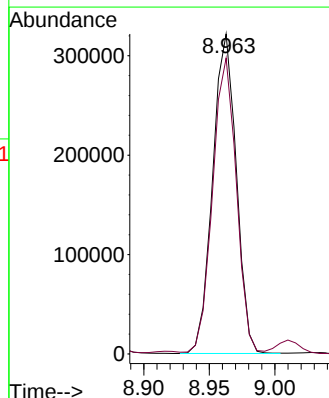
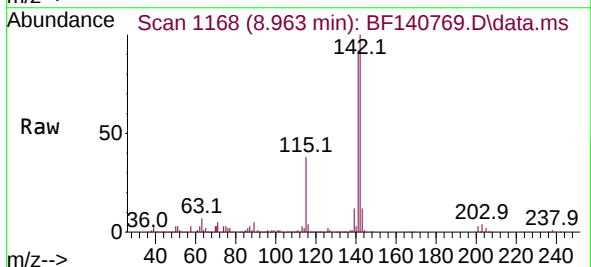
Acq: 06 Dec 2024 16:24

Tgt Ion:142 Resp: 403393

Ion Ratio Lower Upper

142 100

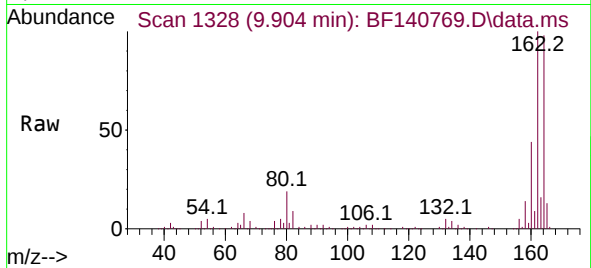
141 92.5 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

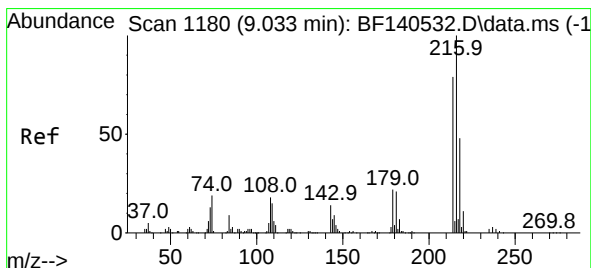
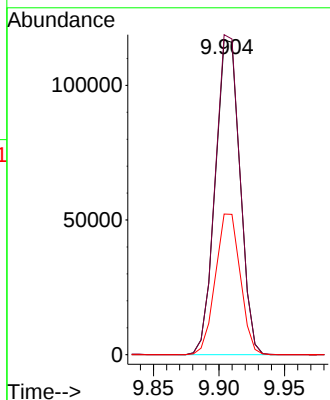
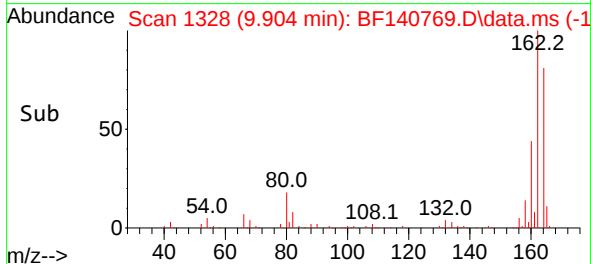
Instrument :
BNA_F
ClientSampleId :
MH-764MS



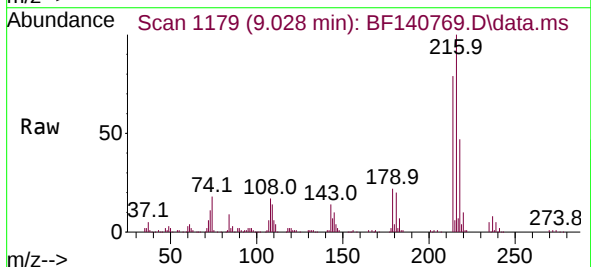
Tgt Ion:164 Resp: 153428
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.7 36.2 54.4

Manual Integrations
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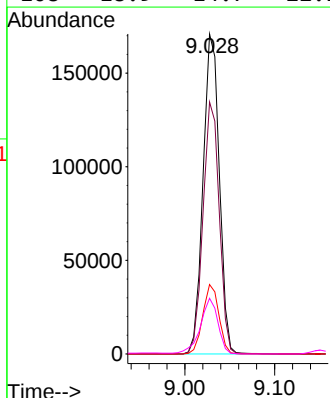
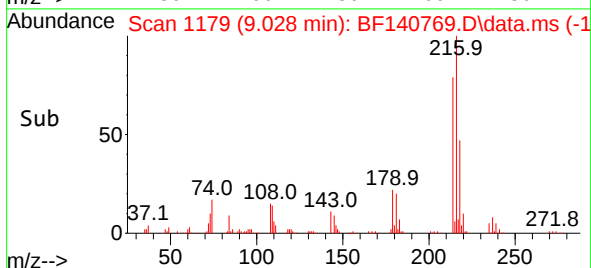
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.885 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24



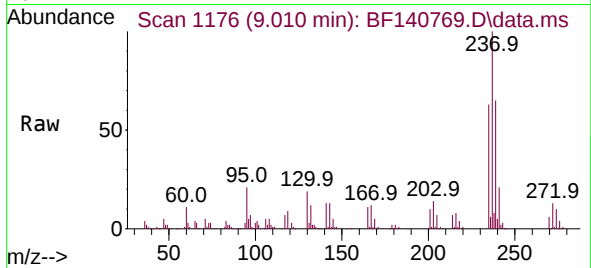
Tgt Ion:216 Resp: 215081
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.5 17.5 26.3
108 18.9 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 130.720 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

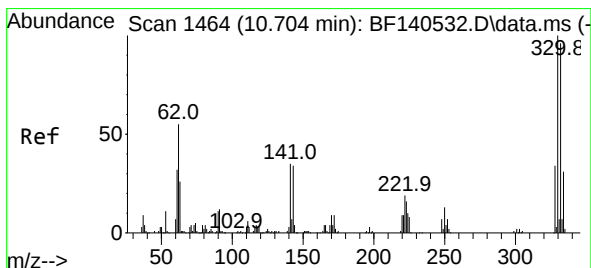
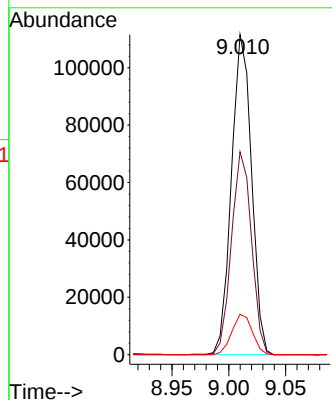
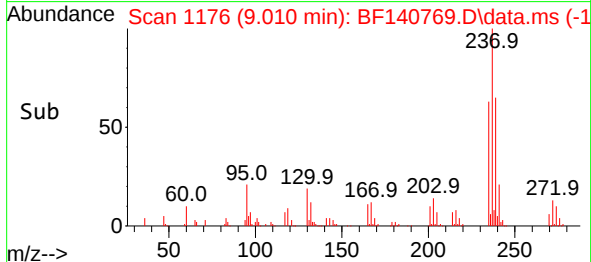
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion: 237 Resp: 13711
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.6 0.0 32.6

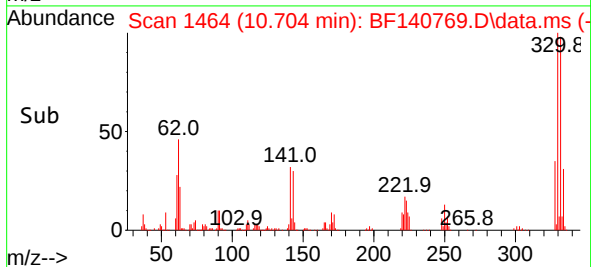
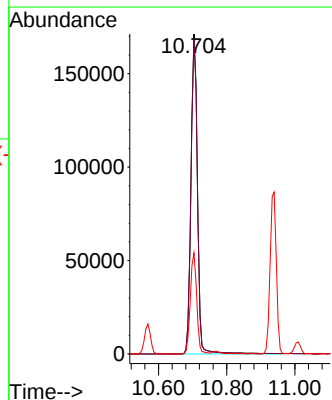
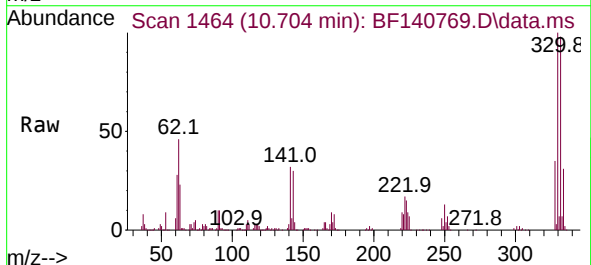
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 12/10/2024
Supervised By : mohammad ahmed 12/10/2024



#42
2,4,6-Tribromophenol
Concen: 137.403 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion: 330 Resp: 225468
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 31.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 48.146 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:196 Resp: 135690

Ion Ratio Lower Upper

196 100

198 94.6 76.8 115.2

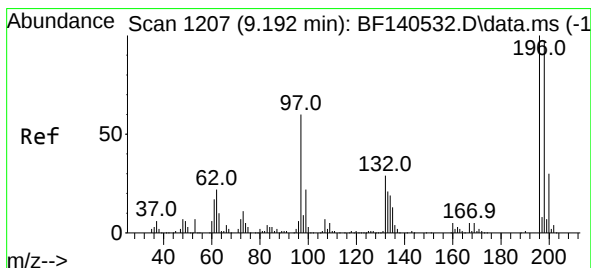
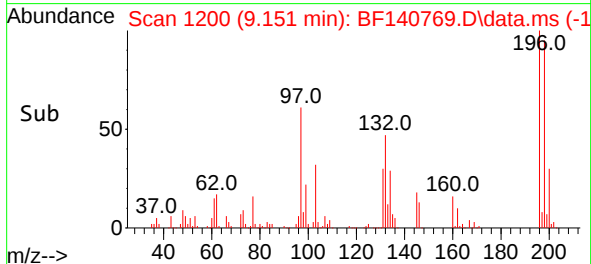
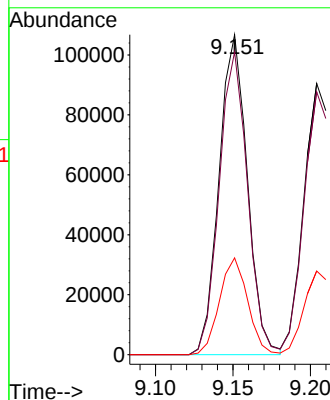
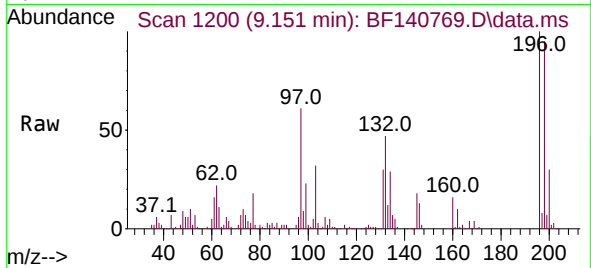
200 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#44

2,4,5-Trichlorophenol

Concen: 44.843 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:196 Resp: 137167

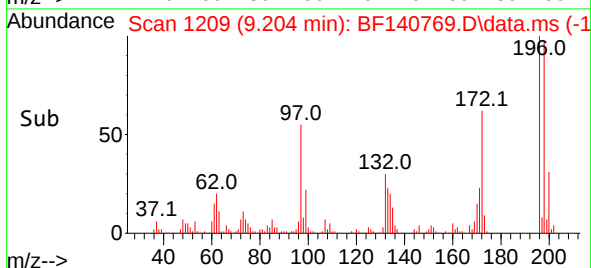
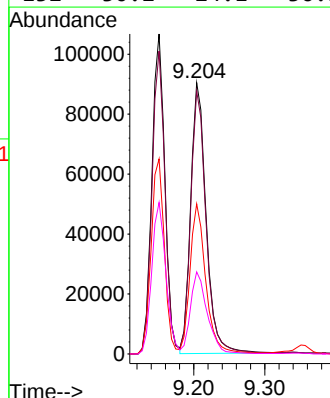
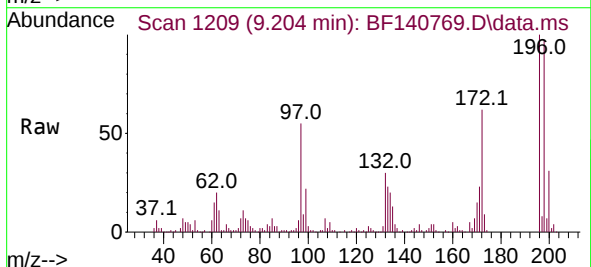
Ion Ratio Lower Upper

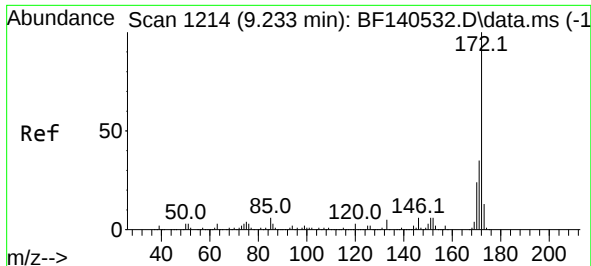
196 100

198 96.9 77.2 115.8

97 55.4 47.1 70.7

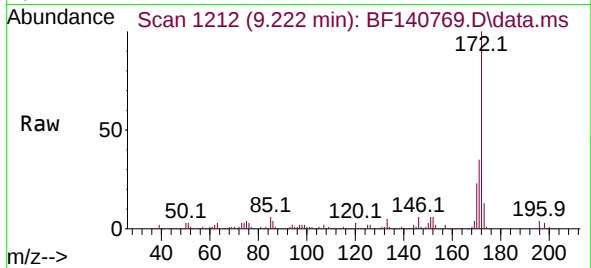
132 30.2 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 98.111 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

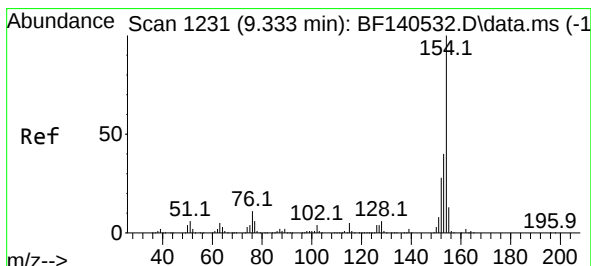
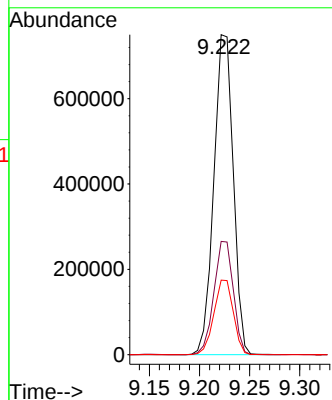
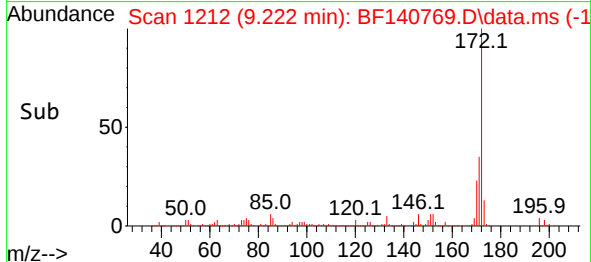
Instrument :
BNA_F
ClientSampleId :
MH-764MS



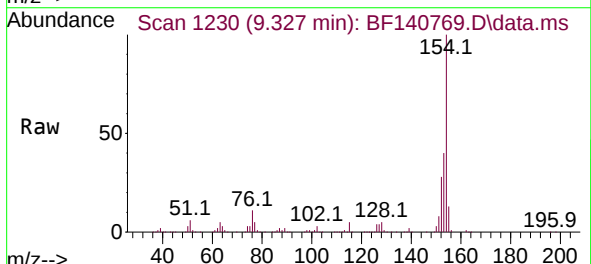
Tgt Ion:172 Resp: 101030
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6

Manual Integrations
APPROVED

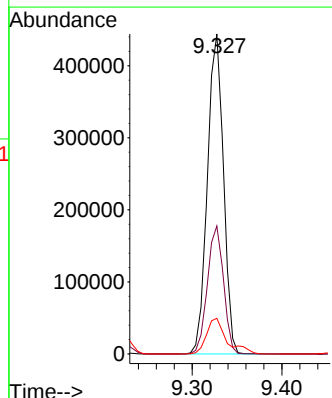
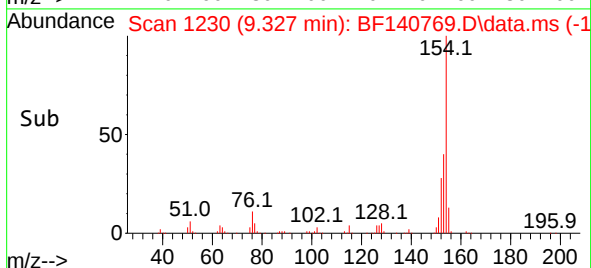
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

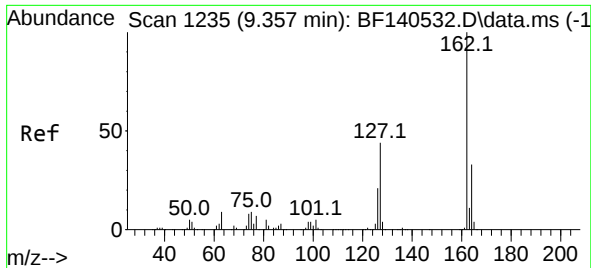


#46
1,1'-Biphenyl
Concen: 48.153 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24



Tgt Ion:154 Resp: 551600
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 11.2 0.0 31.2





#47
2-Chloronaphthalene
Concen: 46.888 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

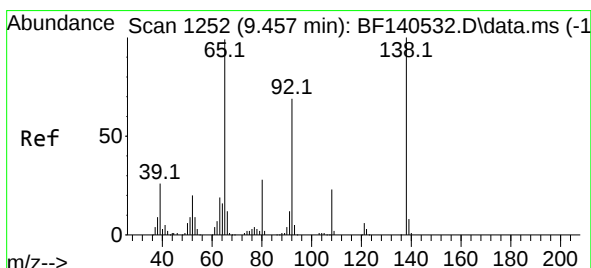
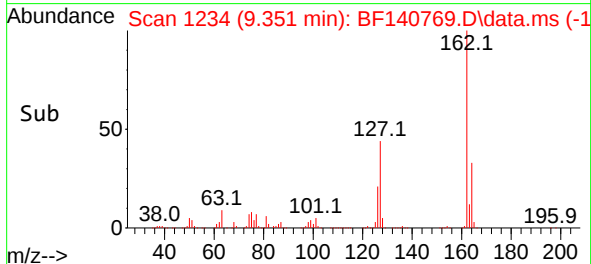
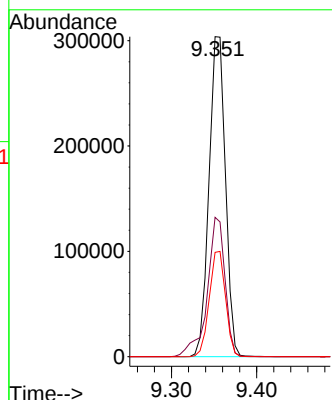
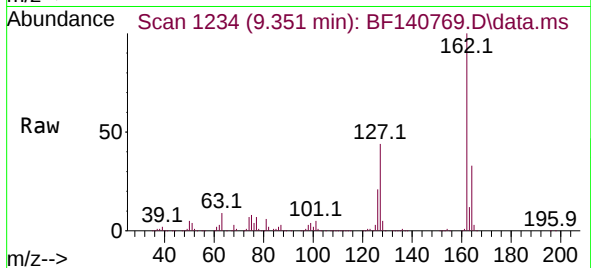
ClientSampleId :

MH-764MS

Tgt Ion:162 Resp: 406975
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 32.6 26.1 39.1

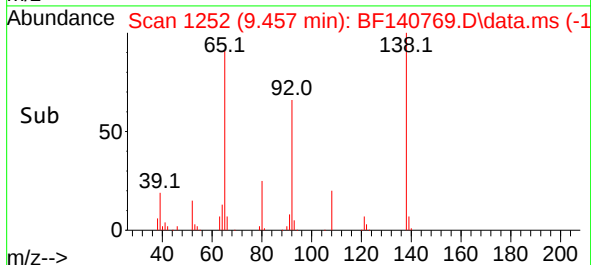
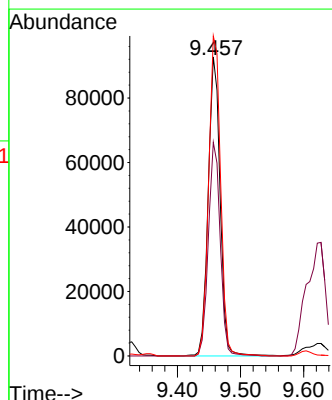
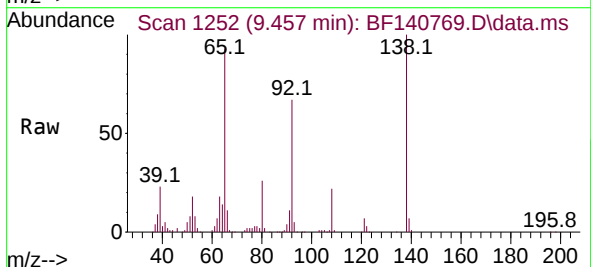
Manual Integrations
APPROVED

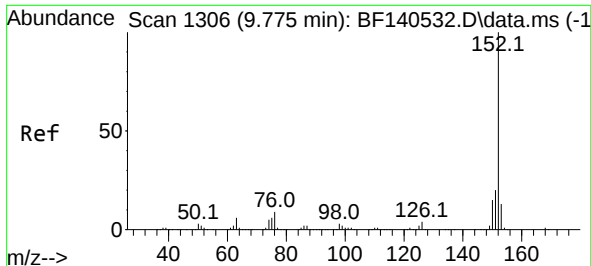
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#48
2-Nitroaniline
Concen: 43.781 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion: 65 Resp: 121976
Ion Ratio Lower Upper
65 100
92 71.4 56.1 84.1
138 107.0 81.0 121.6





#49

Acenaphthylene

Concen: 50.285 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

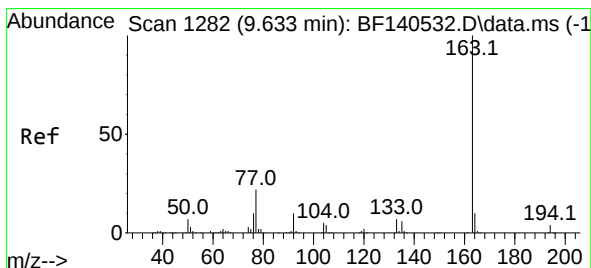
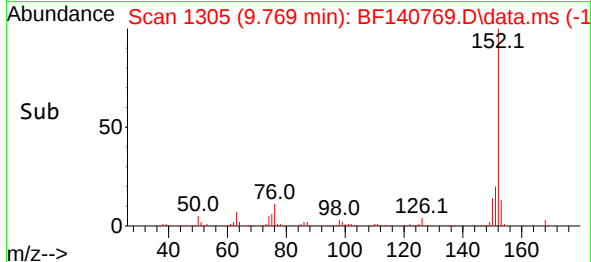
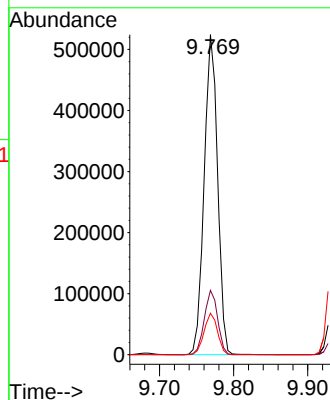
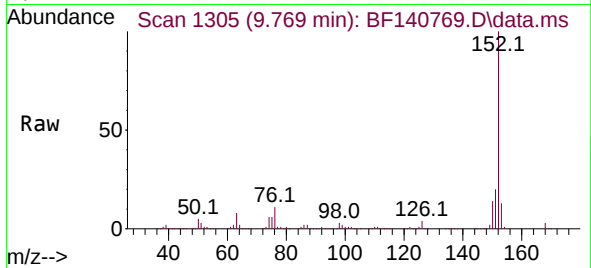
Tgt Ion:152 Resp: 65946
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 13.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#50

Dimethylphthalate

Concen: 49.661 ng

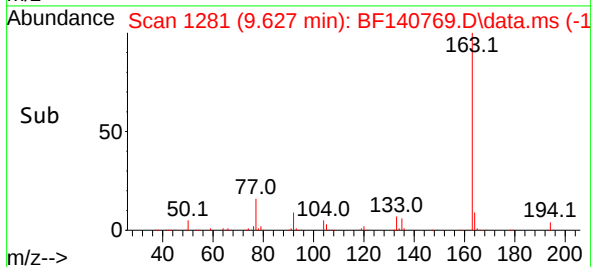
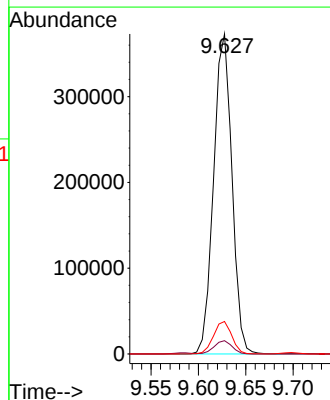
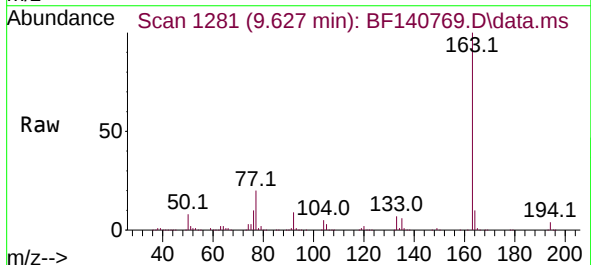
RT: 9.627 min Scan# 1281

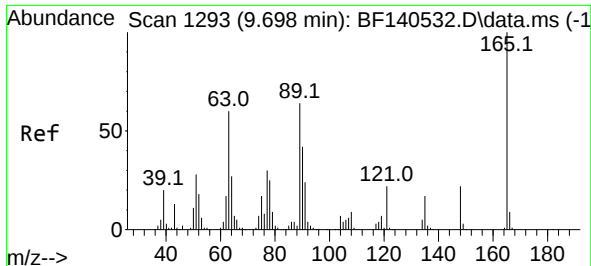
Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:163 Resp: 501806
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.1 4.7
 164 10.2 8.2 12.2





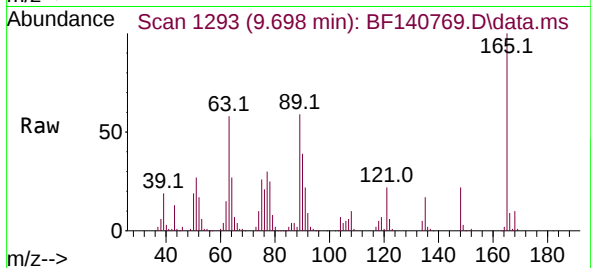
#51
2,6-Dinitrotoluene
Concen: 45.477 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

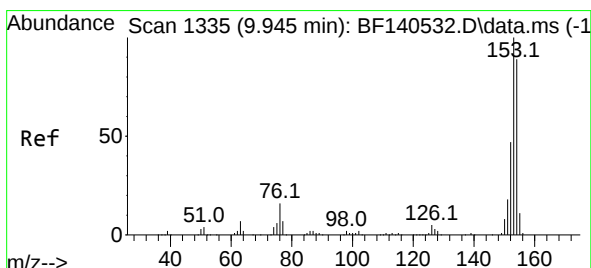
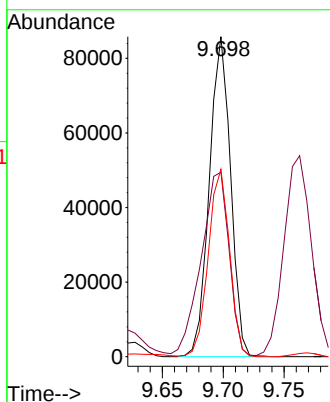
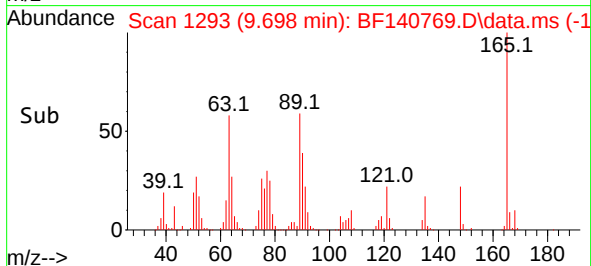


Tgt Ion:165 Resp: 104218
Ion Ratio Lower Upper
165 100
63 57.7 49.9 74.9
89 58.6 50.9 76.3

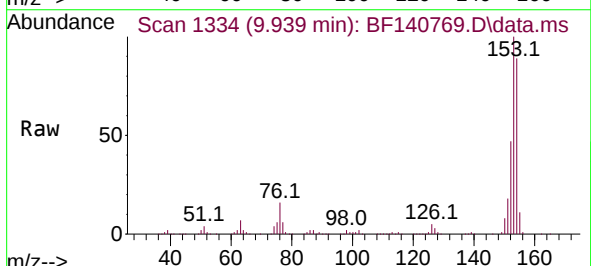
Manual Integrations

APPROVED

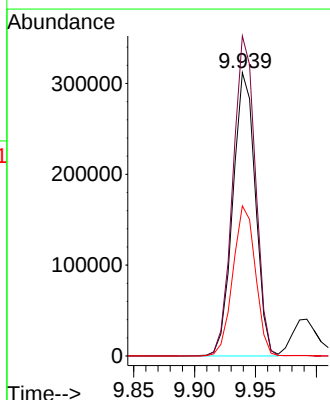
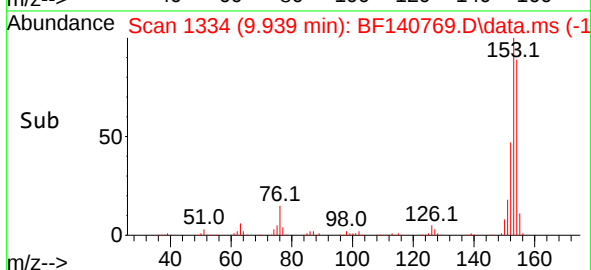
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

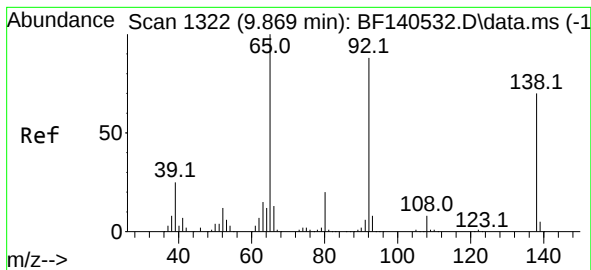


#52
Acenaphthene
Concen: 48.165 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24



Tgt Ion:154 Resp: 401355
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 53.0 42.5 63.7





#53
 3-Nitroaniline
 Concen: 6.710 ng
 RT: 9.875 min Scan# 1322
 Delta R.T. 0.006 min
 Lab File: BF140769.D
 Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

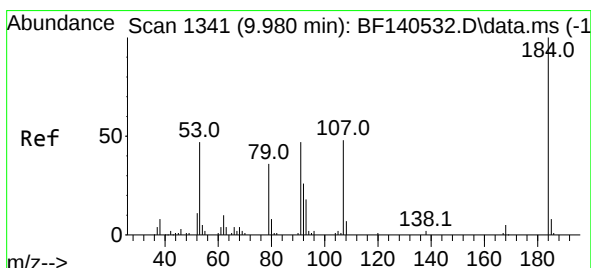
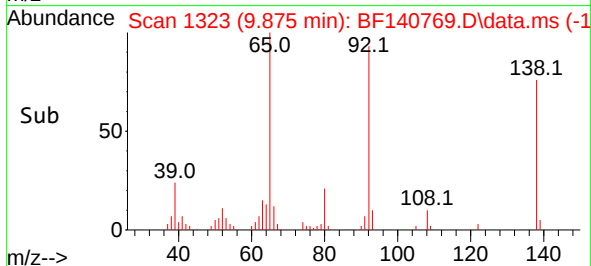
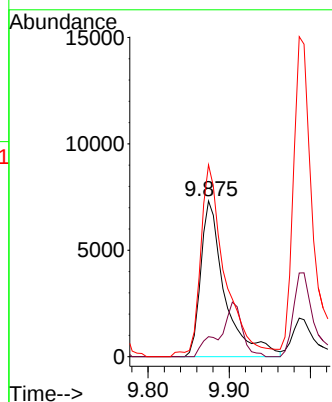
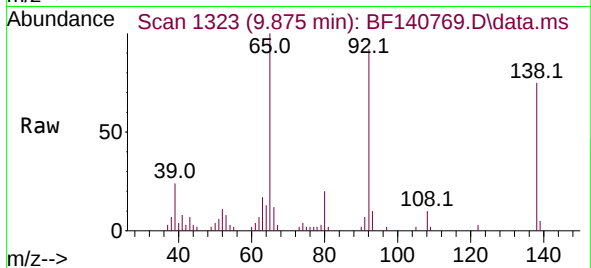
ClientSampleId :

MH-764MS

Tgt Ion:138 Resp: 15040
 Ion Ratio Lower Upper
 138 100
 108 12.9 9.2 13.8
 92 123.3 100.6 150.8

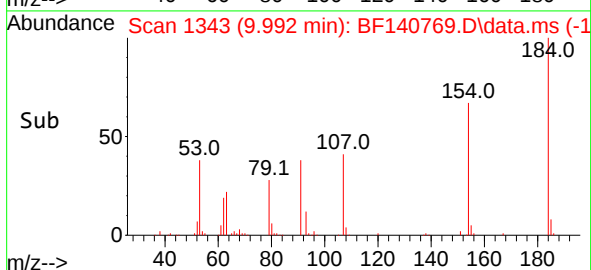
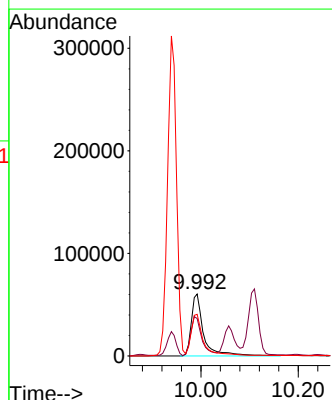
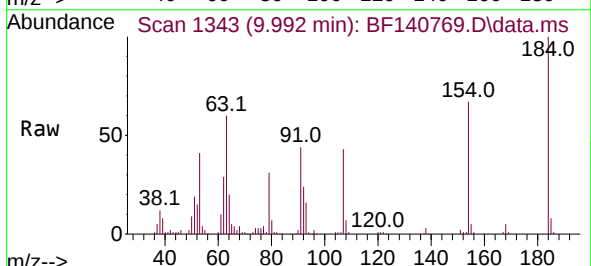
Manual Integrations
 APPROVED

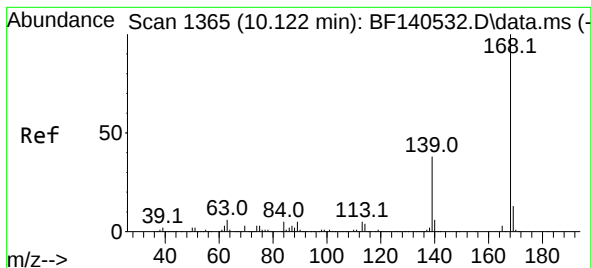
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



#54
 2,4-Dinitrophenol
 Concen: 88.984 ng
 RT: 9.992 min Scan# 1343
 Delta R.T. 0.012 min
 Lab File: BF140769.D
 Acq: 06 Dec 2024 16:24

Tgt Ion:184 Resp: 106769
 Ion Ratio Lower Upper
 184 100
 63 60.3 54.1 81.1
 154 67.0 57.4 86.0





#55

Dibenzenofuran

Concen: 47.342 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:168 Resp: 60172

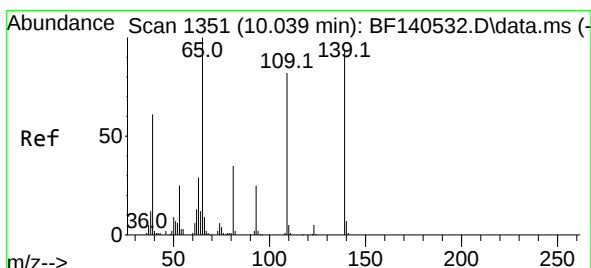
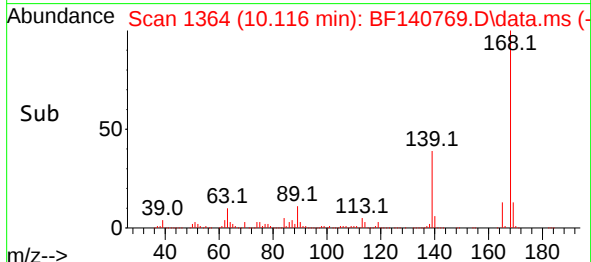
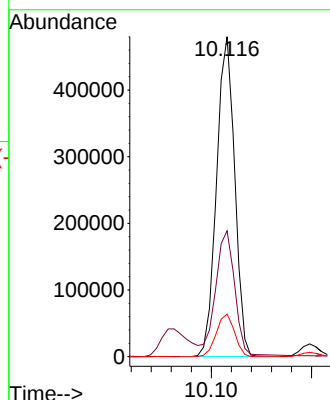
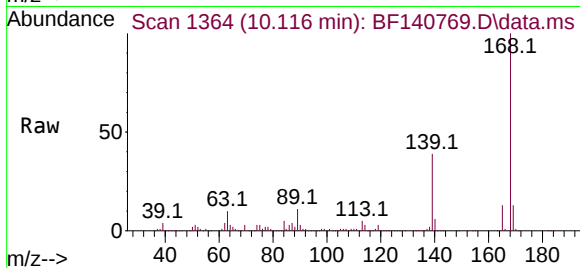
Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.3	46.9
169	13.3	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#56

4-Nitrophenol

Concen: 52.369 ng

RT: 10.063 min Scan# 1355

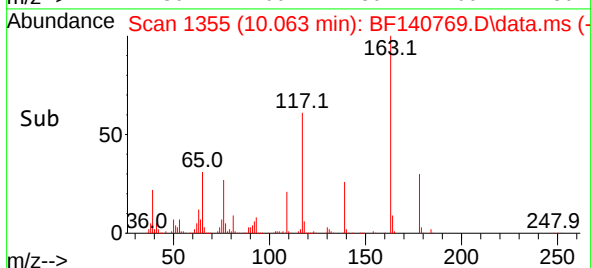
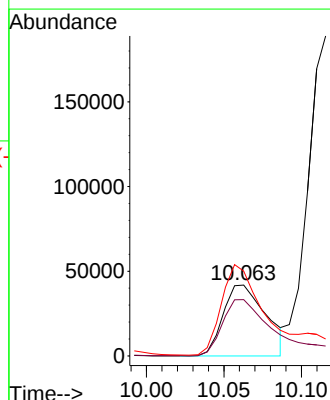
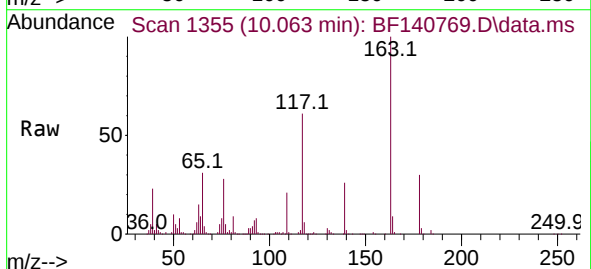
Delta R.T. 0.024 min

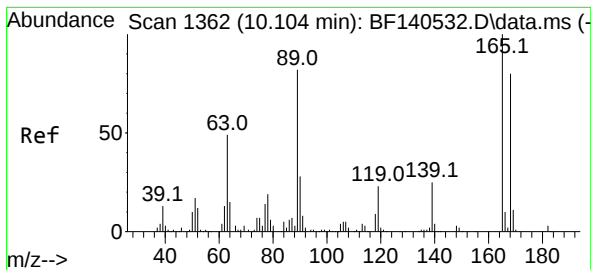
Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:139 Resp: 80052

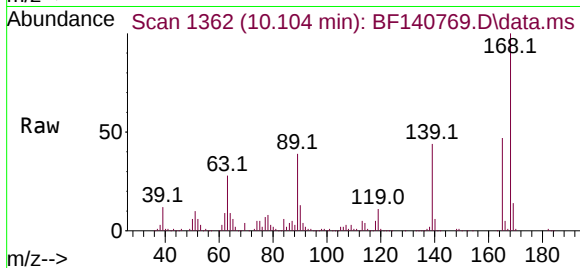
Ion	Ratio	Lower	Upper
139	100		
109	79.6	68.4	108.4
65	119.7	88.6	128.6





#57
2,4-Dinitrotoluene
Concen: 44.194 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

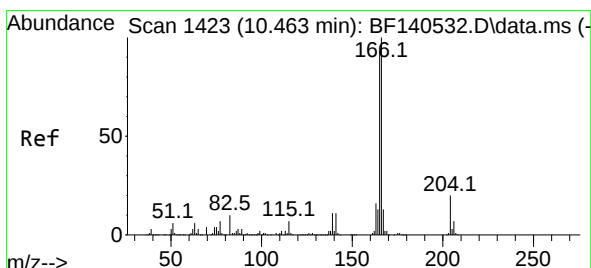
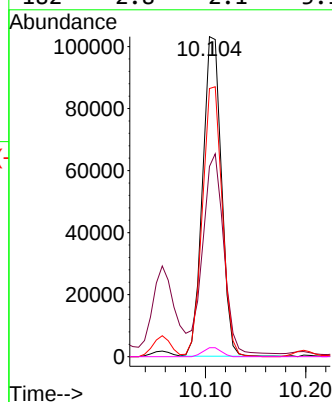
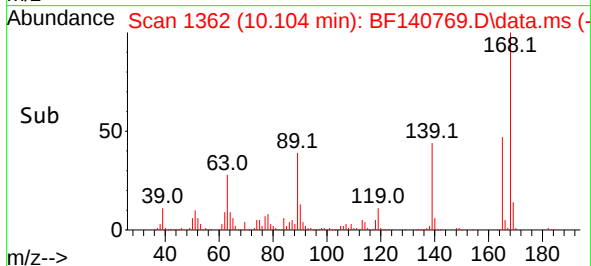
Instrument :
BNA_F
ClientSampleId :
MH-764MS



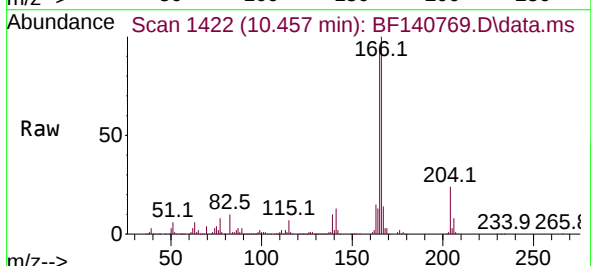
Tgt Ion:165 Resp: 13460
Ion Ratio Lower Upper
165 100
63 59.4 41.7 62.5
89 83.8 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations
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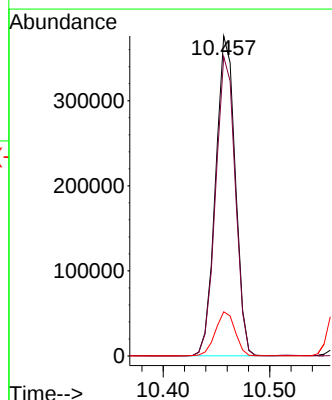
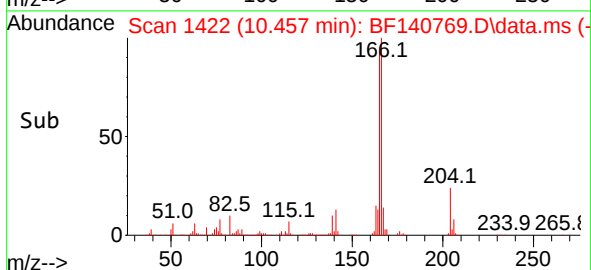
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#58
Fluorene
Concen: 47.026 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24



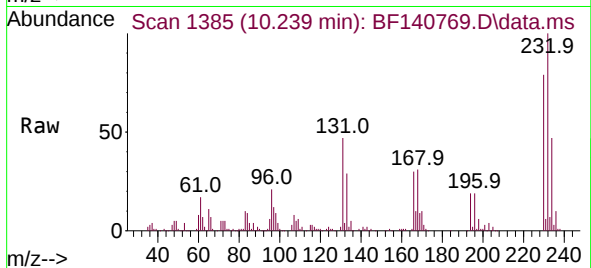
Tgt Ion:166 Resp: 479765
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.546 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

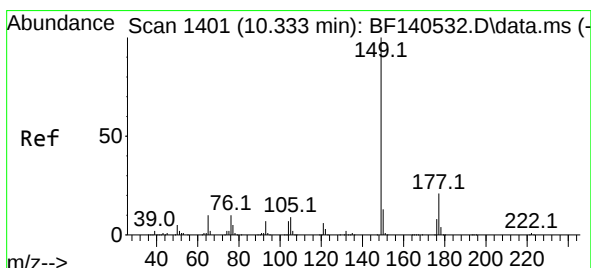
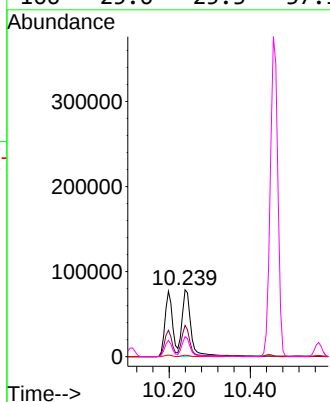
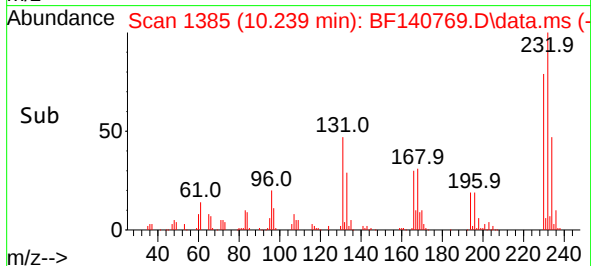
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:232 Resp: 12117
Ion Ratio Lower Upper
232 100
131 41.2 39.6 59.4
130 2.4 1.9 2.9
166 25.6 25.3 37.9

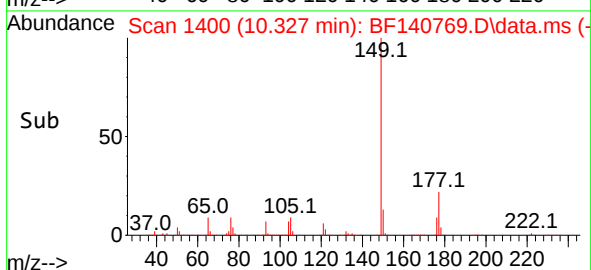
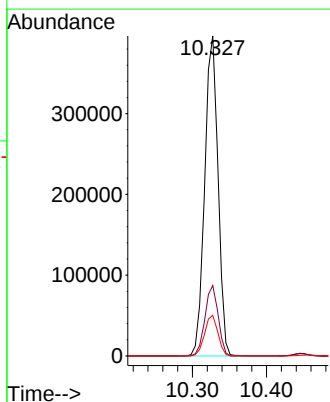
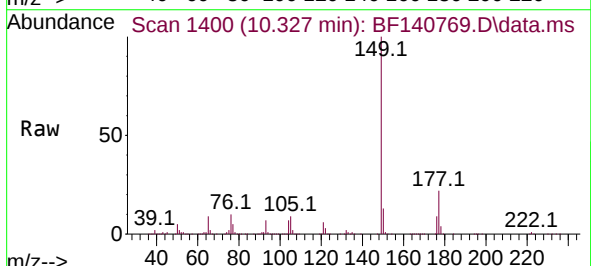
Manual Integrations
APPROVED

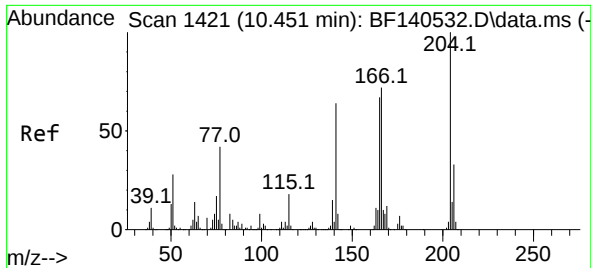
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#60
Diethylphthalate
Concen: 48.163 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:149 Resp: 494465
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.7 10.1 15.1





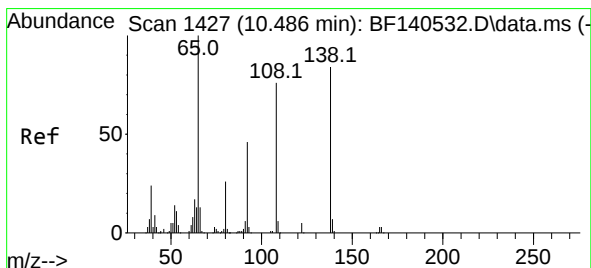
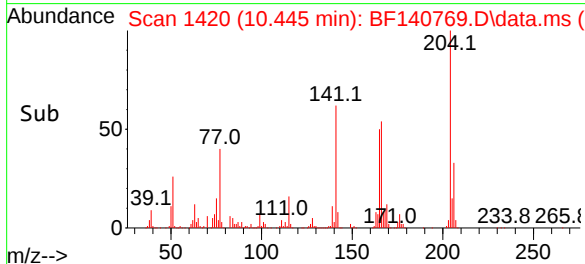
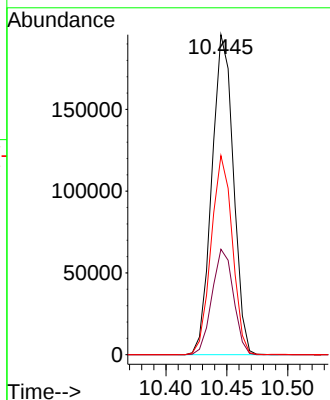
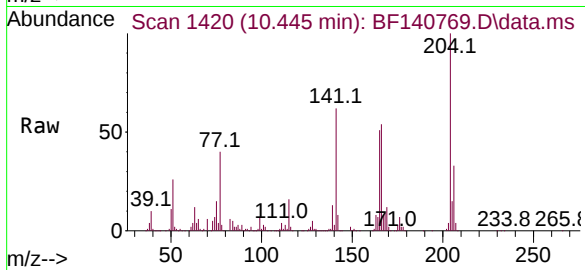
#61
4-Chlorophenyl-phenylether
Concen: 48.078 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:204 Resp: 240718
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 62.2 51.1 76.7

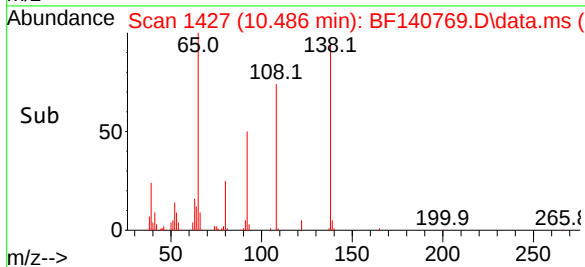
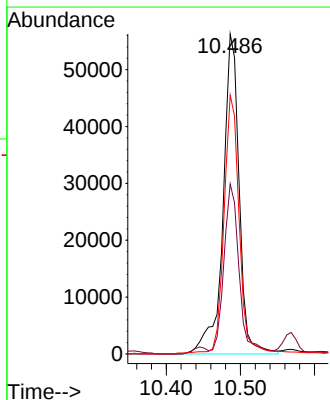
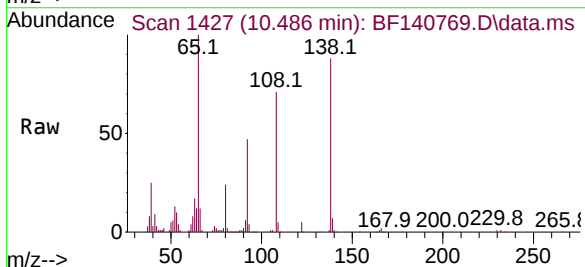
Manual Integrations
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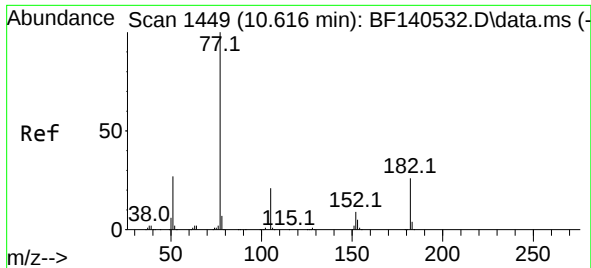
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#62
4-Nitroaniline
Concen: 36.261 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

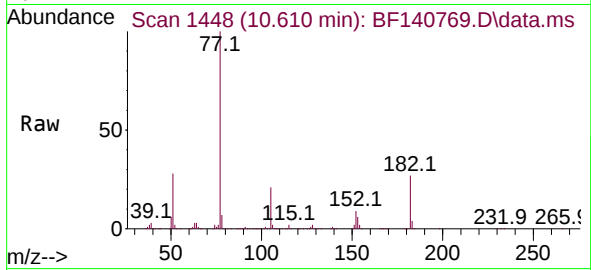
Tgt Ion:138 Resp: 85243
Ion Ratio Lower Upper
138 100
92 53.1 34.5 74.5
108 80.9 70.6 110.6





#63
Azobenzene
Concen: 46.994 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

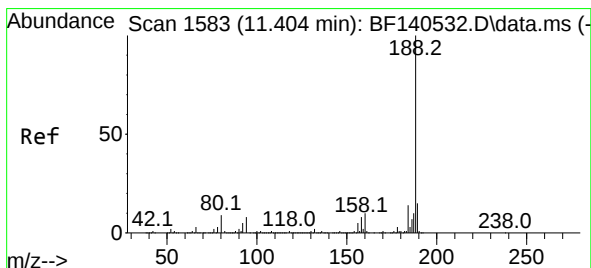
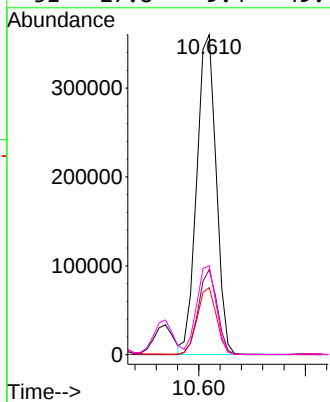
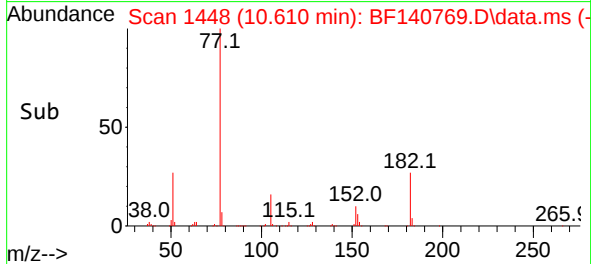
Instrument :
BNA_F
ClientSampleId :
MH-764MS



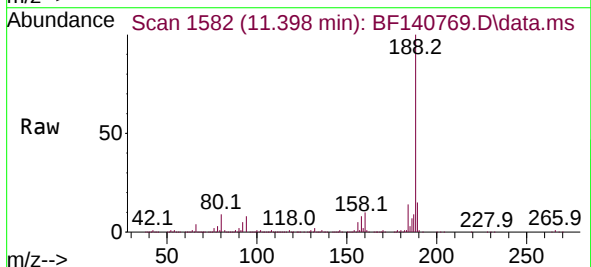
Tgt Ion: 77 Resp: 45689
Ion Ratio Lower Upper
77 100
182 26.6 5.3 45.3
105 20.9 0.3 40.3
51 27.8 9.4 49.4

Manual Integrations
APPROVED

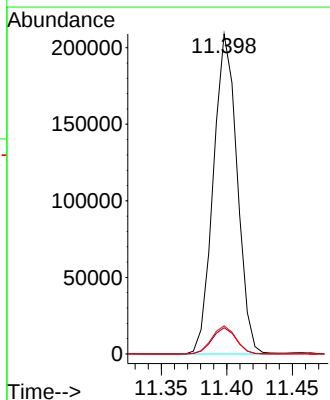
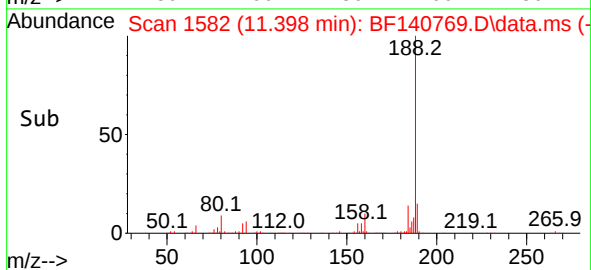
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

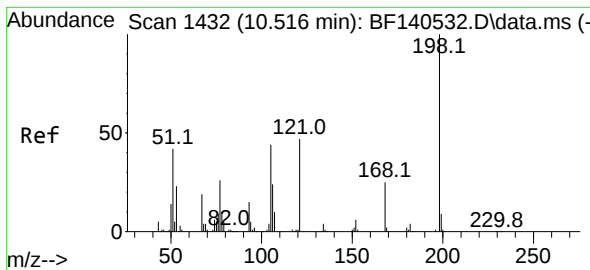


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24



Tgt Ion:188 Resp: 263510
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.9 10.3





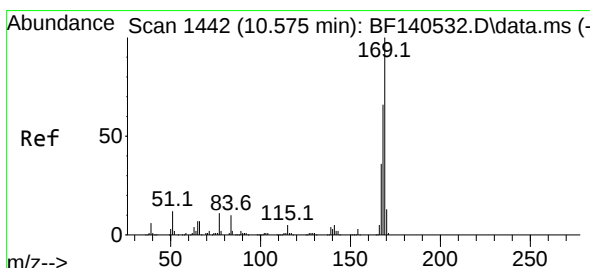
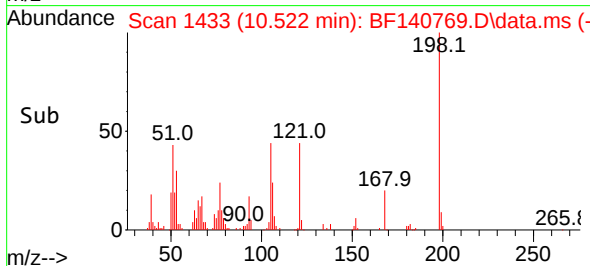
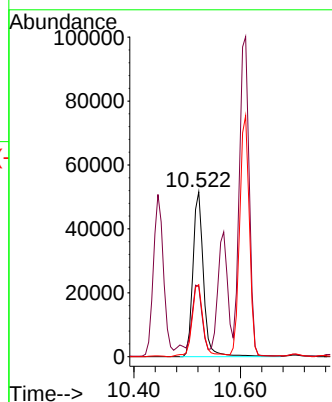
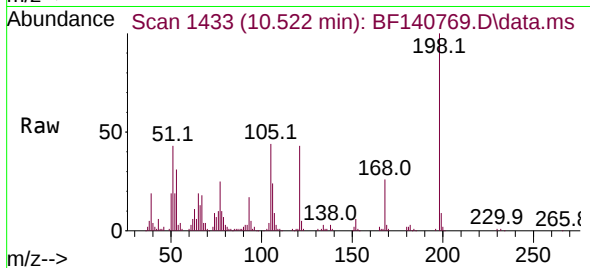
#65
4,6-Dinitro-2-methylphenol
Concen: 52.936 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:198 Resp: 7128
Ion Ratio Lower Upper
198 100
51 42.5 29.4 69.4
105 43.7 25.4 65.4

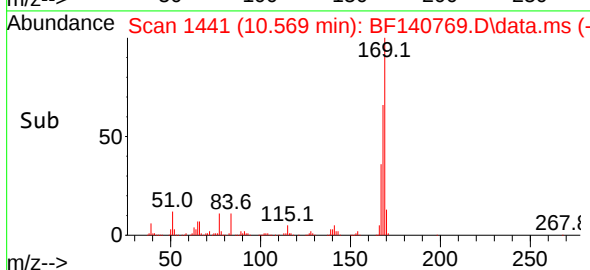
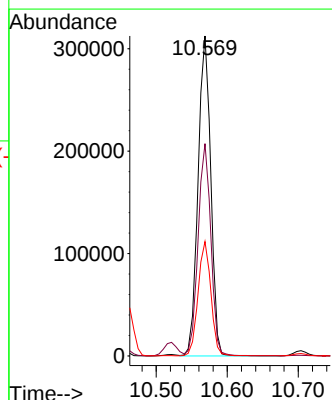
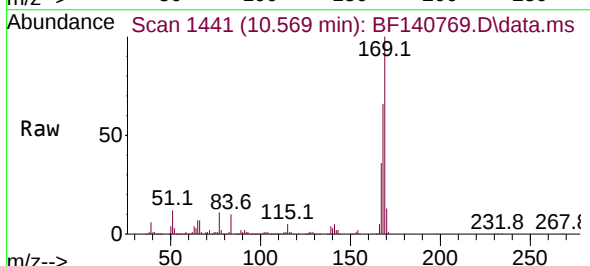
Manual Integrations
APPROVED

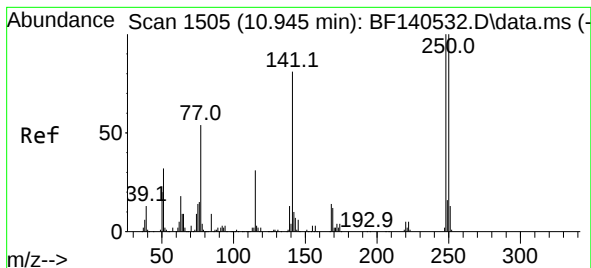
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#66
n-Nitrosodiphenylamine
Concen: 49.923 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

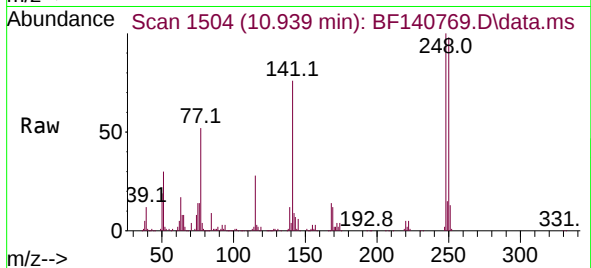
Tgt Ion:169 Resp: 389034
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 51.856 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

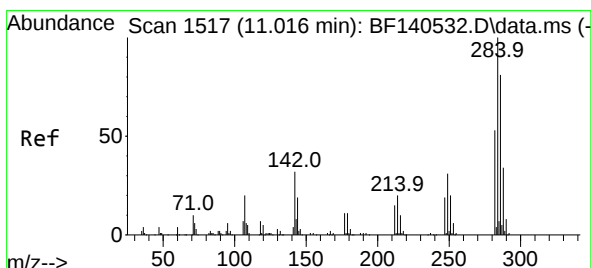
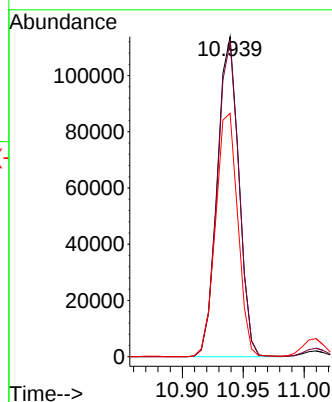
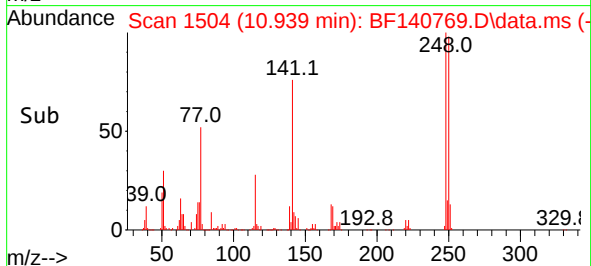
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:248 Resp: 140725
Ion Ratio Lower Upper
248 100
250 98.5 79.8 119.8
141 76.1 64.7 97.1

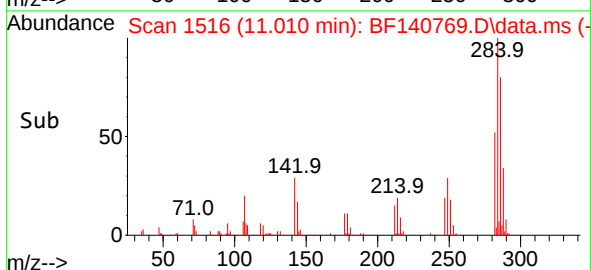
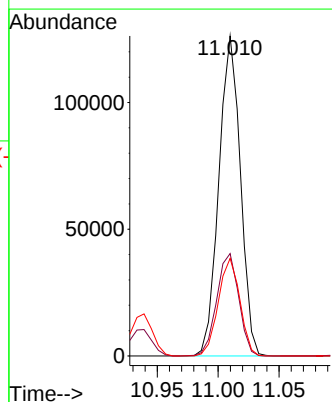
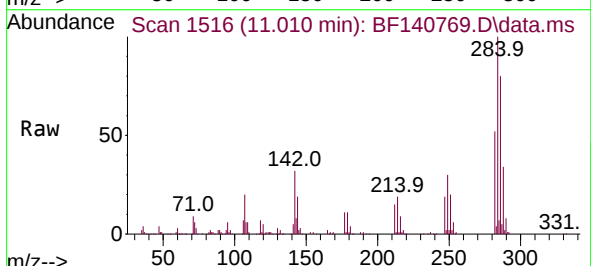
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#68
Hexachlorobenzene
Concen: 49.441 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:284 Resp: 155358
Ion Ratio Lower Upper
284 100
142 32.0 25.3 37.9
249 30.5 24.8 37.2





#69

Atrazine

Concen: 46.081 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

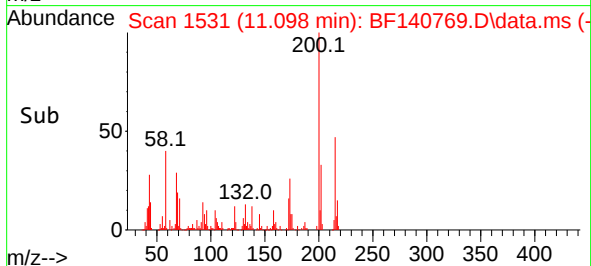
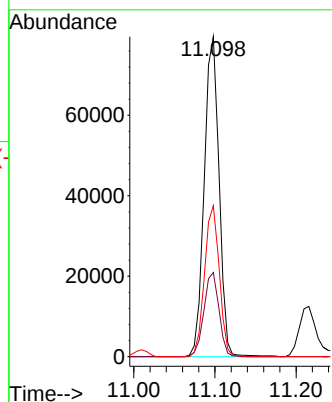
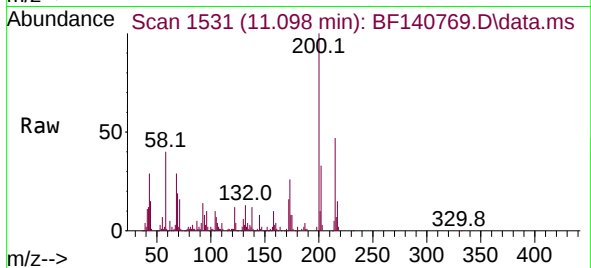
Tgt Ion:200	Resp: 101020
Ion Ratio	Lower Upper
200 100	
173 26.3	7.0 47.0
215 47.2	26.7 66.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#70

Pentachlorophenol

Concen: 83.563 ng

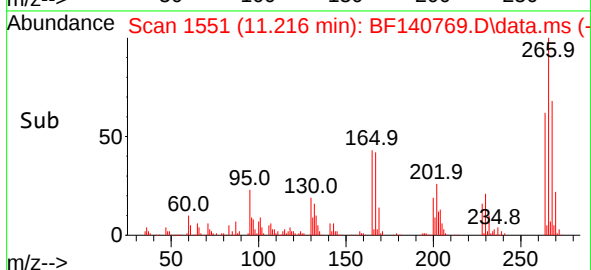
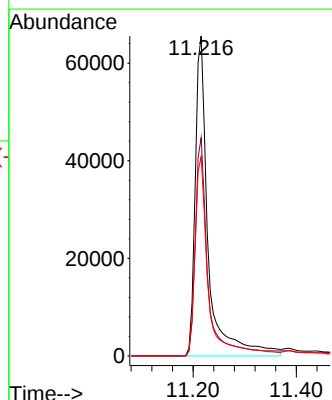
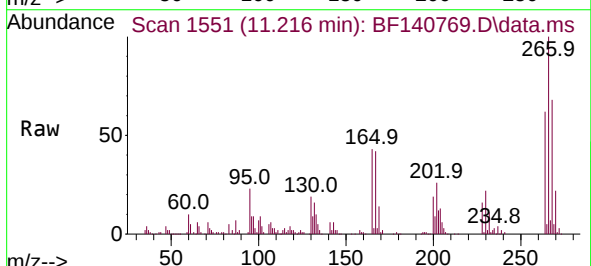
RT: 11.216 min Scan# 1551

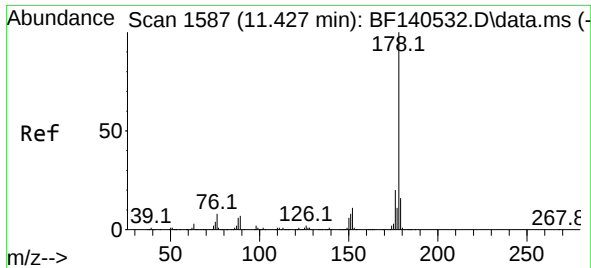
Delta R.T. 0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:266	Resp: 115566
Ion Ratio	Lower Upper
266 100	
268 68.2	53.7 80.5
264 62.3	49.8 74.8





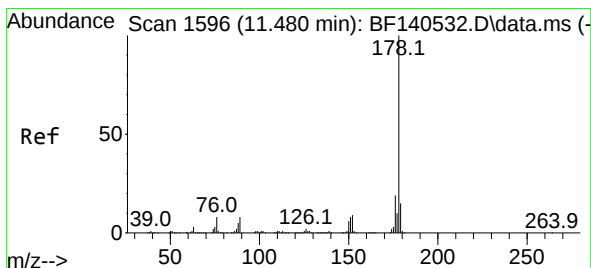
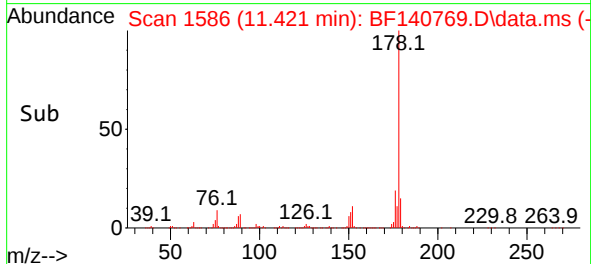
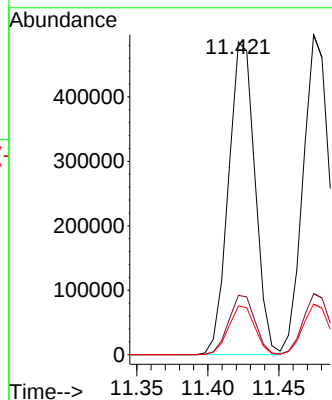
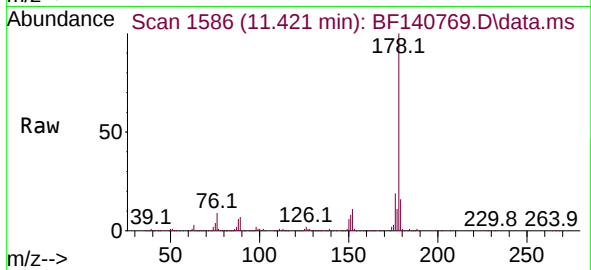
#71
Phenanthrene
Concen: 49.635 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:178 Resp: 62871
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.5 12.4 18.6

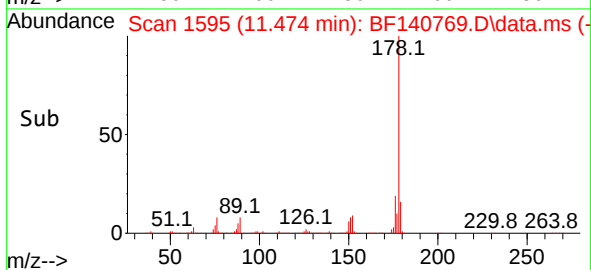
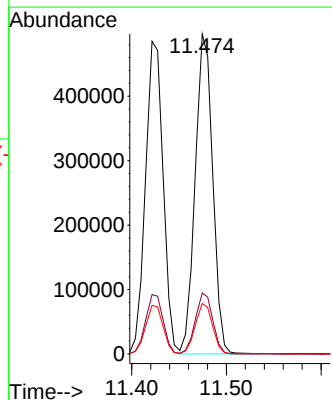
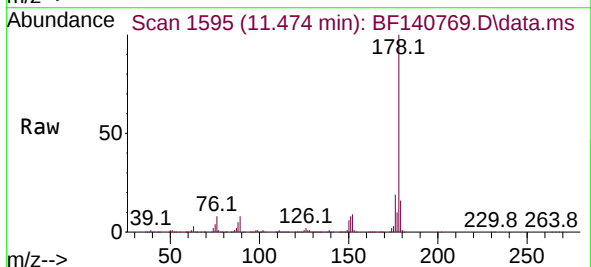
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#72
Anthracene
Concen: 51.486 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:178 Resp: 637931
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.8 12.2 18.4





#73

Carbazole

Concen: 43.965 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

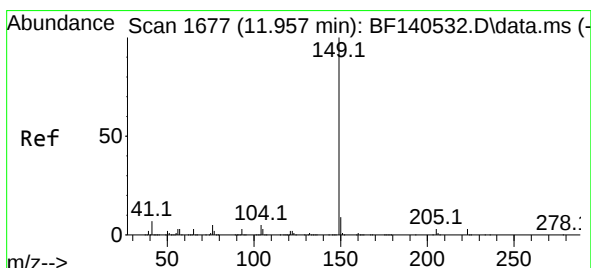
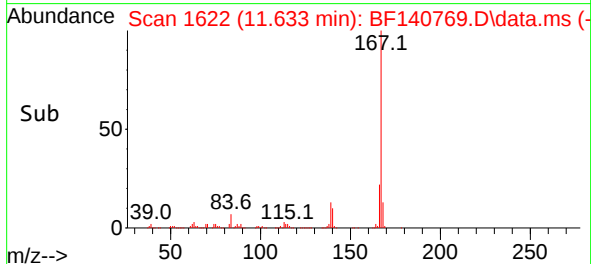
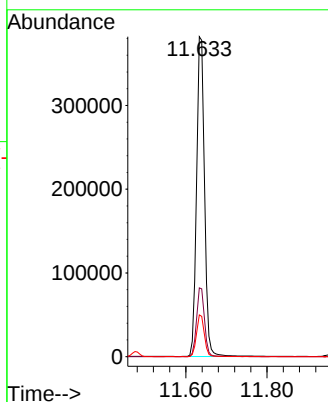
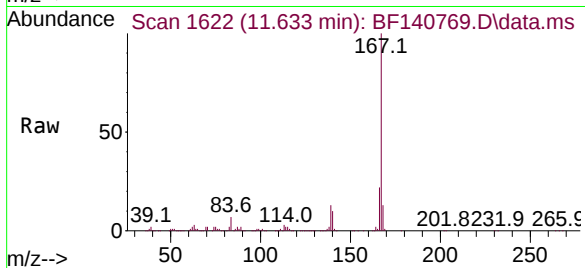
Tgt Ion:167	Resp: 524052
Ion Ratio	Lower Upper
167	100
166	21.5 17.2 25.8
139	13.1 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#74

Di-n-butylphthalate

Concen: 53.109 ng

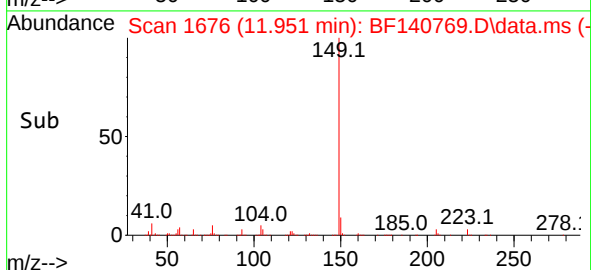
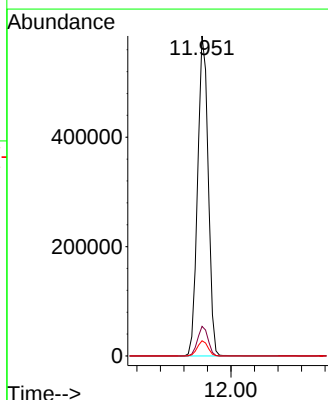
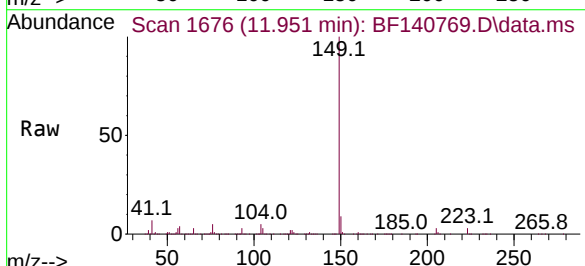
RT: 11.951 min Scan# 1676

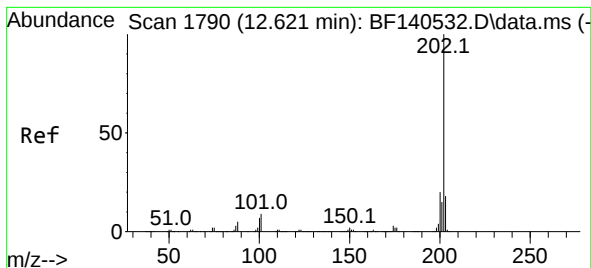
Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:149	Resp: 730848
Ion Ratio	Lower Upper
149	100
150	9.3 7.5 11.3
104	4.8 4.1 6.1





#75

Fluoranthene

Concen: 44.024 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

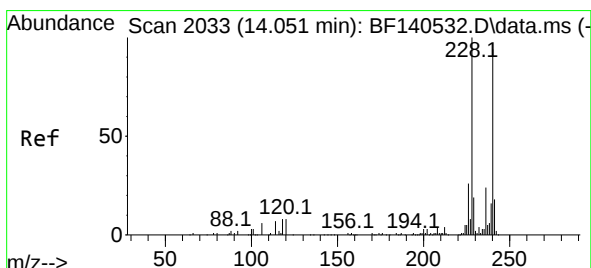
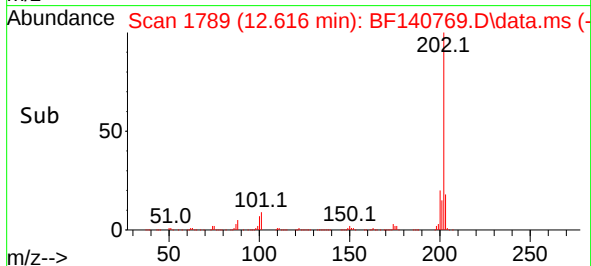
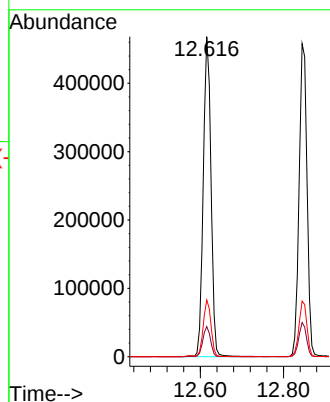
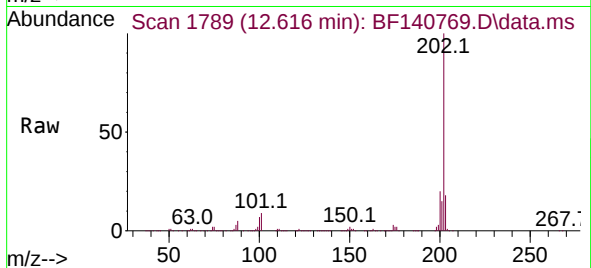
Tgt Ion:202	Resp: 60544
Ion Ratio	Lower Upper
202 100	
101 9.4	0.0 28.9
203 17.7	0.0 37.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#76

Chrysene-d12

Concen: 20.000 ng

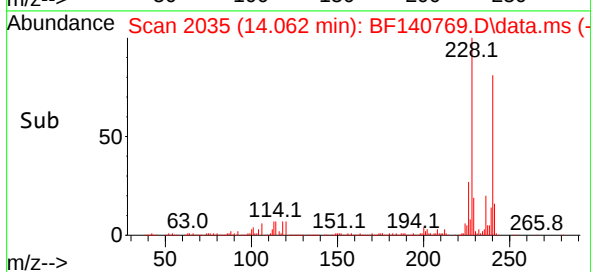
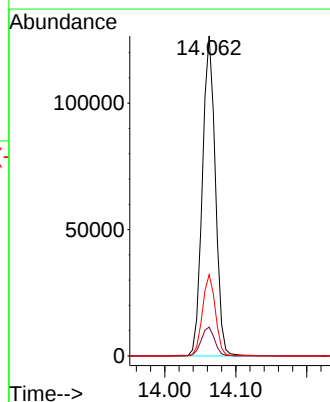
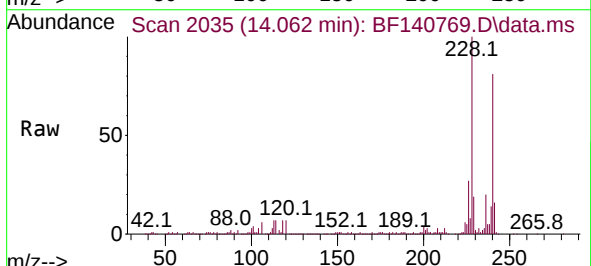
RT: 14.062 min Scan# 2035

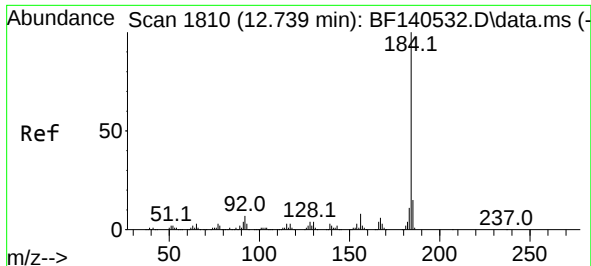
Delta R.T. 0.012 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:240	Resp: 161244
Ion Ratio	Lower Upper
240 100	
120 9.0	7.3 10.9
236 25.4	20.6 31.0





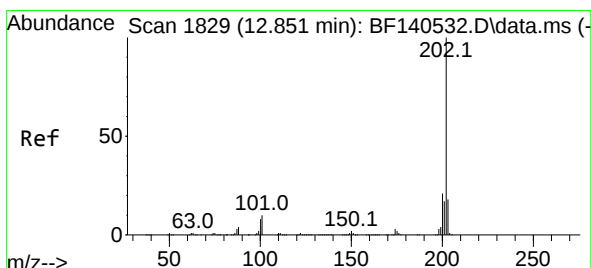
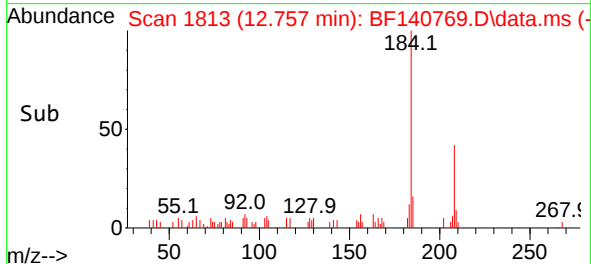
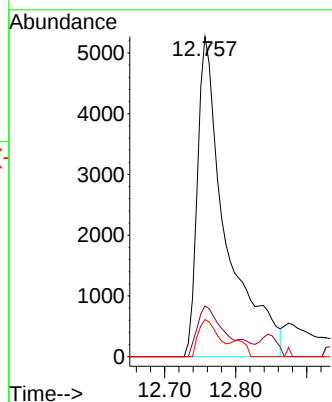
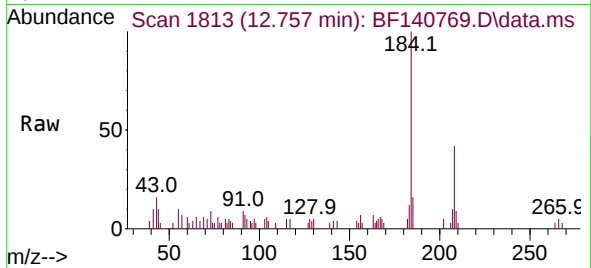
#77
Benzidine
Concen: 3.128 ng
RT: 12.757 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:184 Resp: 1466
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 11.6 8.8 13.2

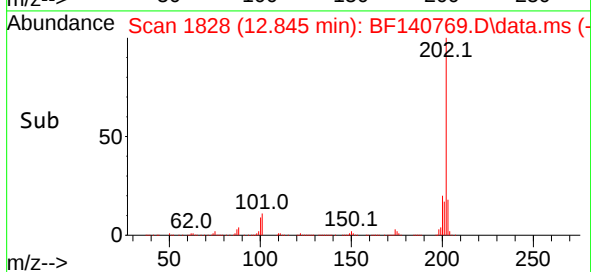
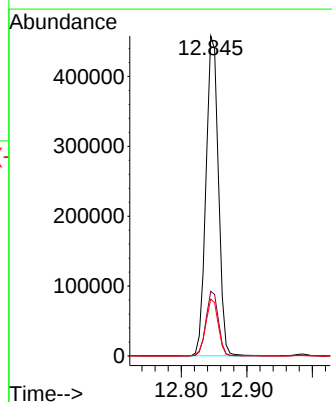
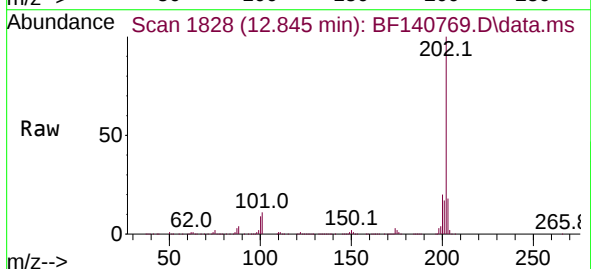
Manual Integrations
APPROVED

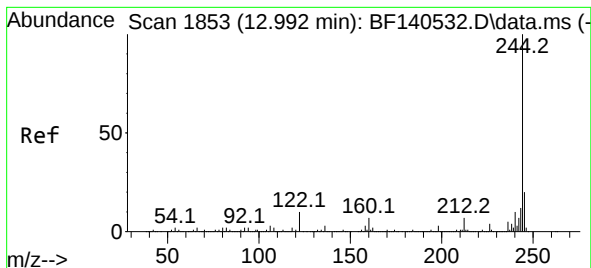
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#78
Pyrene
Concen: 40.556 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:202 Resp: 604644
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 88.344 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

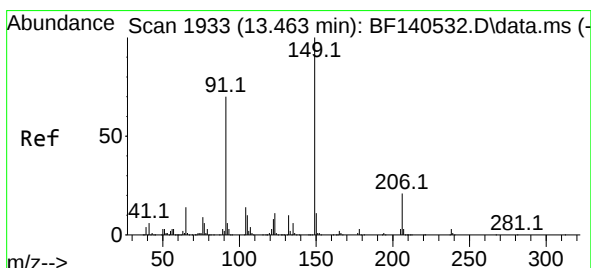
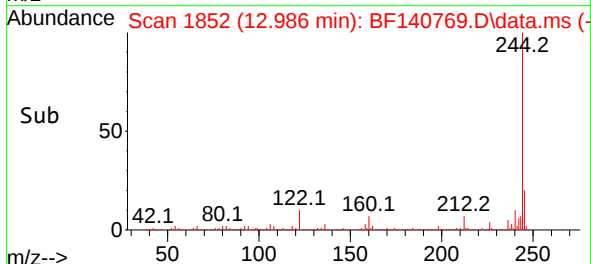
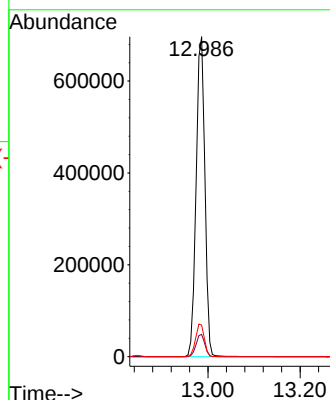
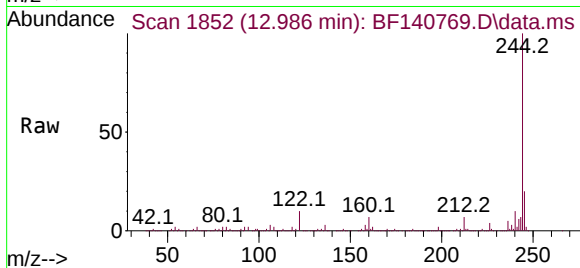
Tgt Ion:244 Resp: 914819
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#80

Butylbenzylphthalate

Concen: 46.656 ng

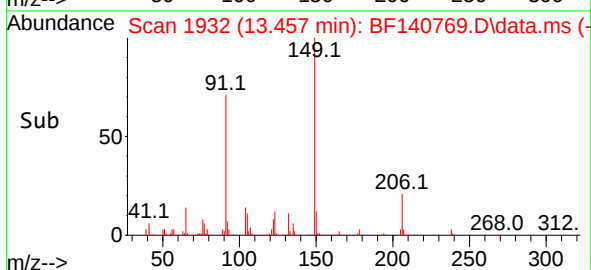
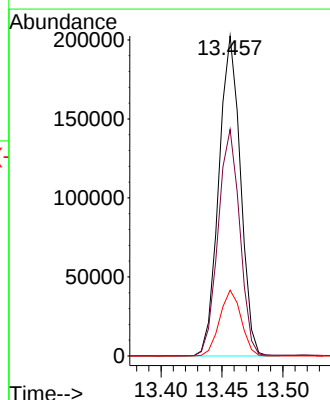
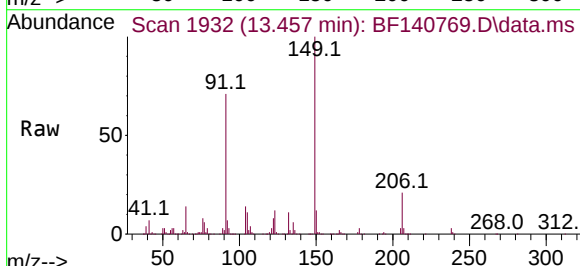
RT: 13.457 min Scan# 1932

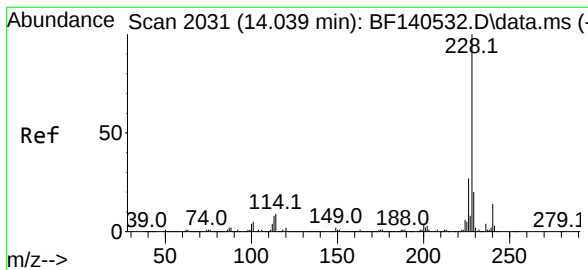
Delta R.T. -0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

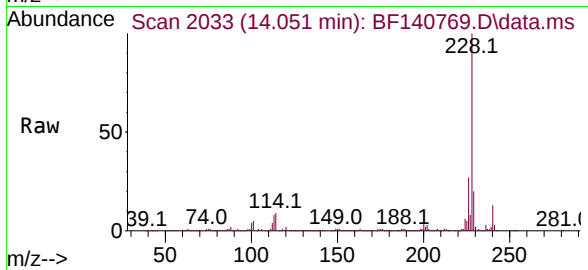
Tgt Ion:149 Resp: 250579
 Ion Ratio Lower Upper
 149 100
 91 70.8 56.2 84.2
 206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 48.116 ng
RT: 14.051 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

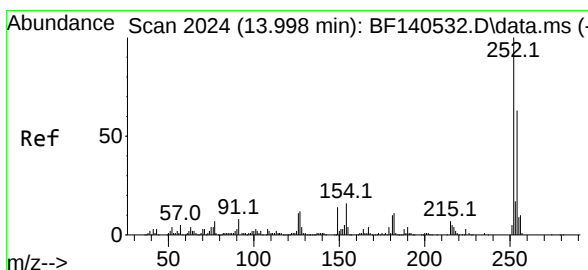
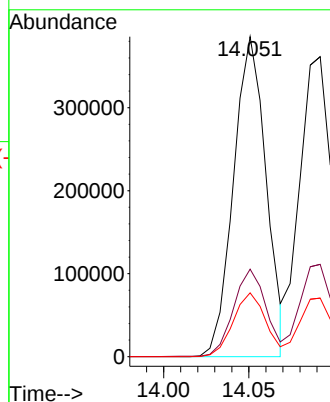
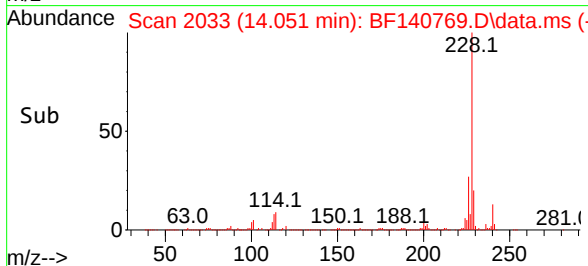
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:228 Resp: 513574
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.8 23.6

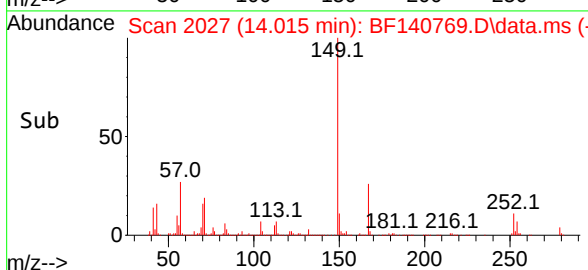
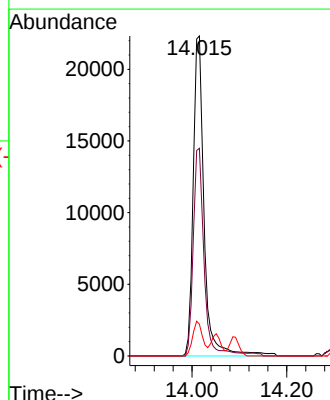
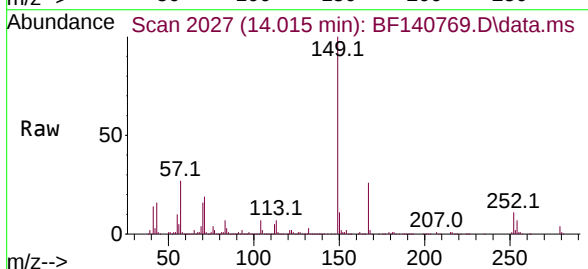
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#82
3,3'-Dichlorobenzidine
Concen: 11.167 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.018 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:252 Resp: 35787
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 9.9 8.6 13.0





#83

Chrysene

Concen: 49.469 ng

RT: 14.092 min Scan# 2038

Delta R.T. 0.012 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

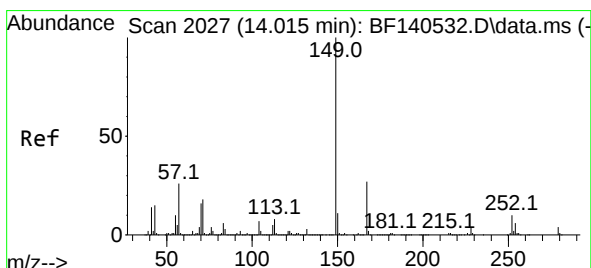
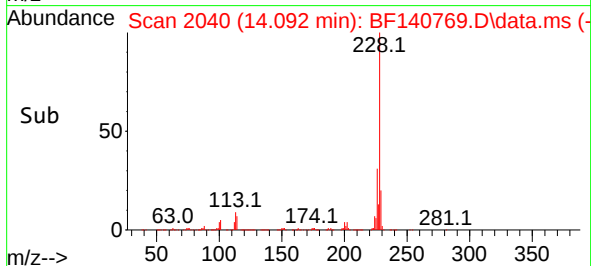
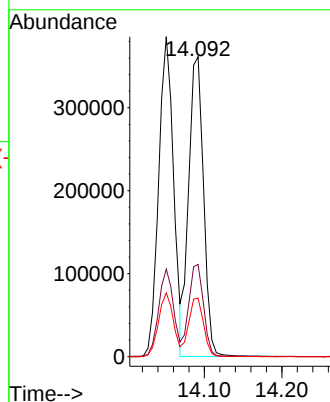
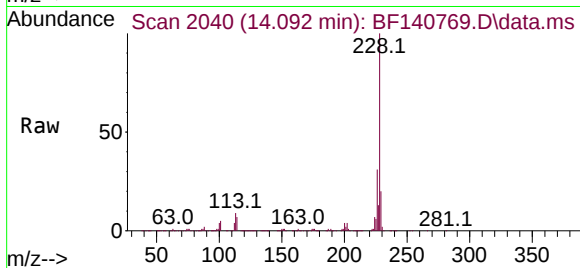
Tgt Ion:	228	Resp:	482809
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.4	36.6
229	19.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.865 ng

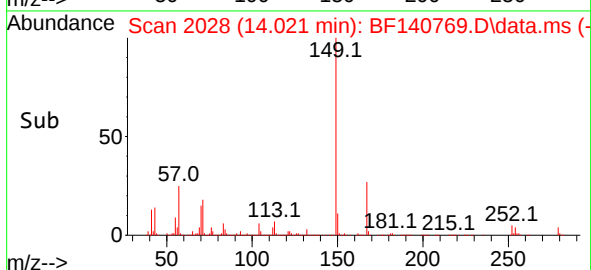
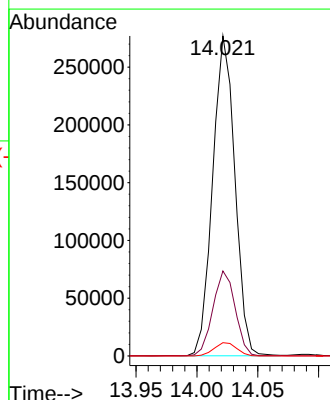
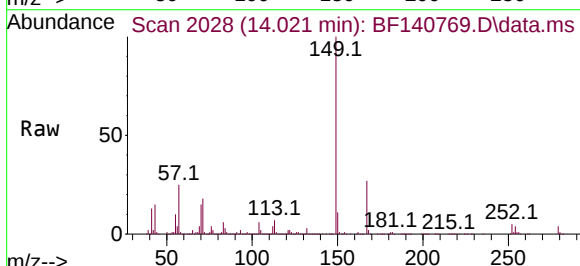
RT: 14.021 min Scan# 2028

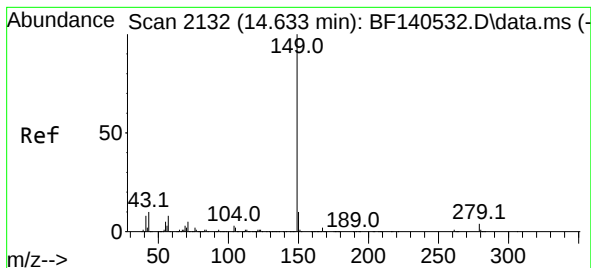
Delta R.T. 0.006 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:	149	Resp:	351739
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.2	31.8
279	4.1	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 64.161 ng

RT: 14.668 min Scan# 2138

Delta R.T. 0.035 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:149 Resp: 59465

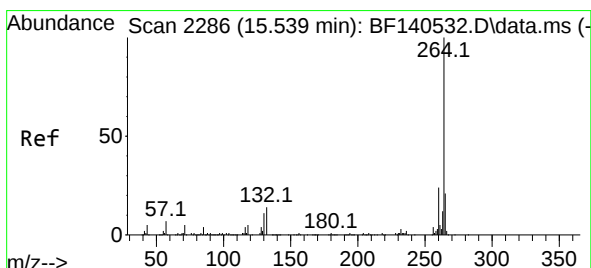
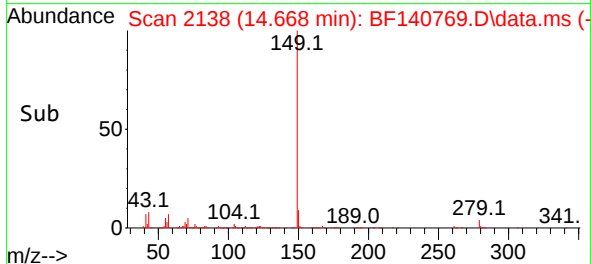
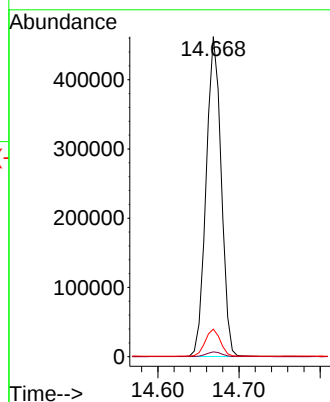
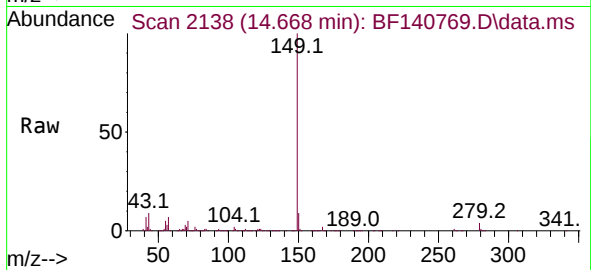
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.6	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2294

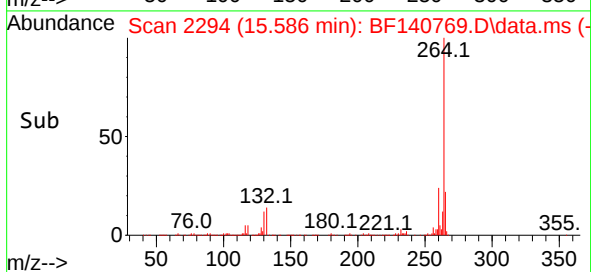
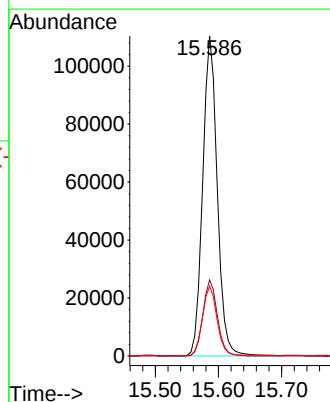
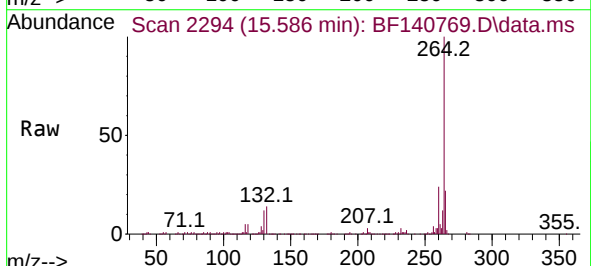
Delta R.T. 0.047 min

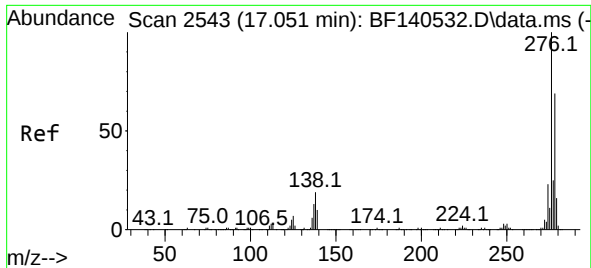
Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:264 Resp: 176806

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.8	16.6	25.0





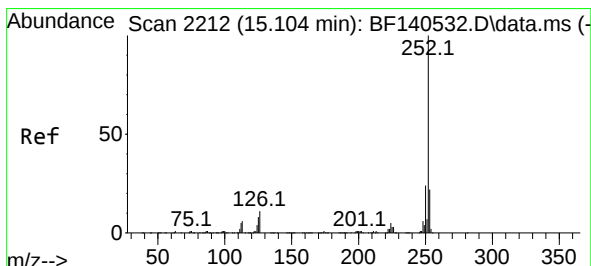
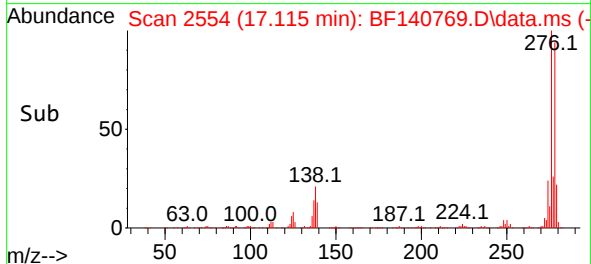
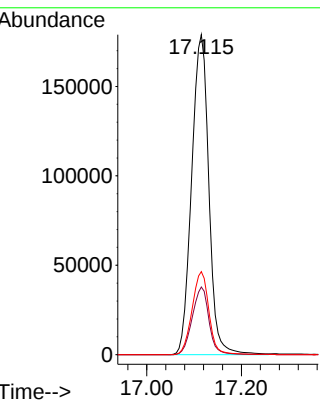
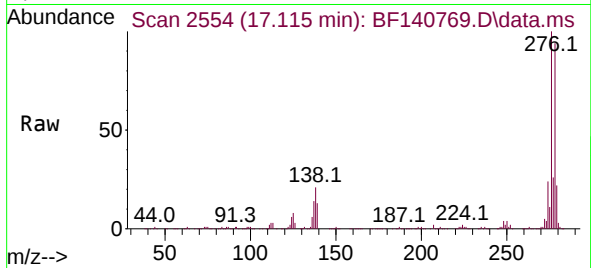
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.129 ng
RT: 17.115 min Scan# 2119
Delta R.T. 0.065 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:276 Resp: 45085
Ion Ratio Lower Upper
276 100
138 20.5 15.5 23.3
277 25.5 20.1 30.1

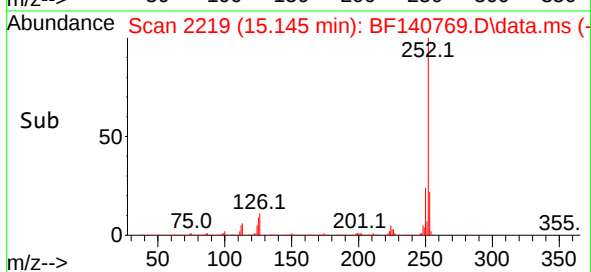
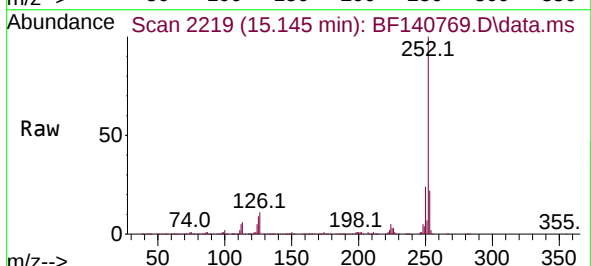
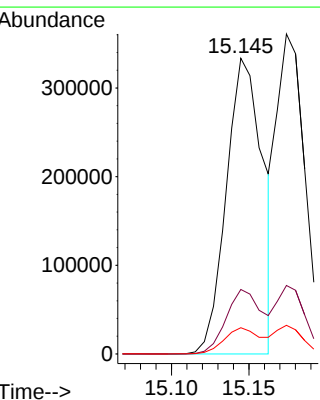
Manual Integrations
APPROVED

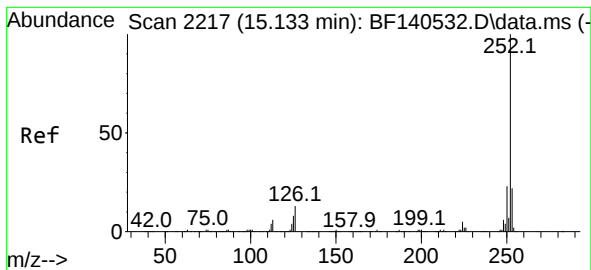
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#88
Benzo(b)fluoranthene
Concen: 49.152 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.041 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:252 Resp: 545849
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 47.220 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-764MS

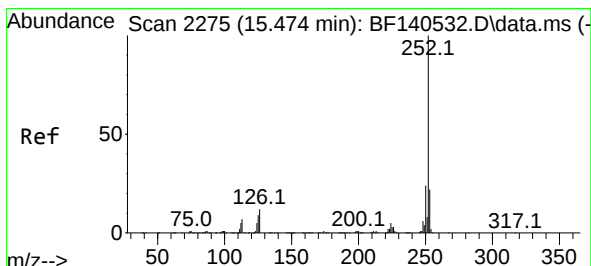
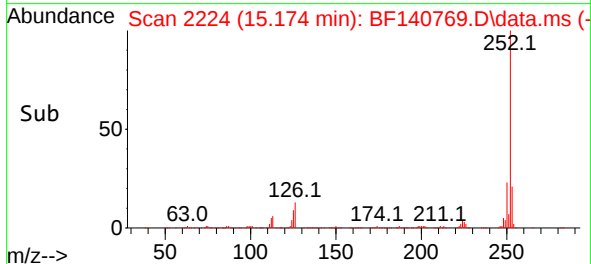
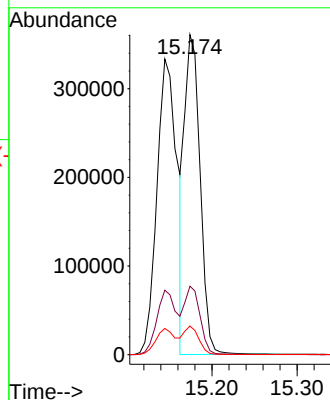
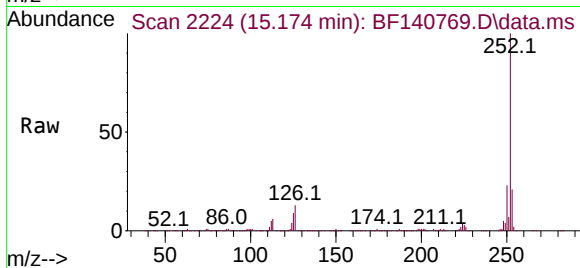
Tgt Ion:252 Resp: 458892
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.0 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024



#90

Benzo(a)pyrene

Concen: 52.105 ng

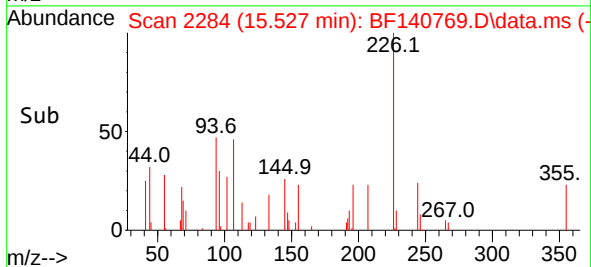
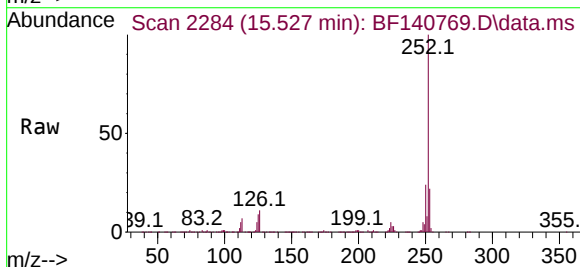
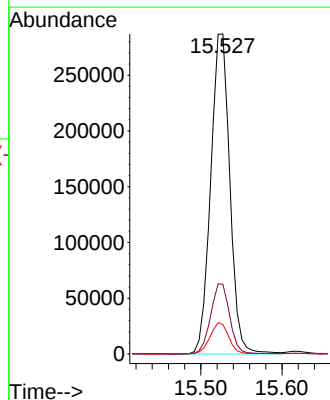
RT: 15.527 min Scan# 2284

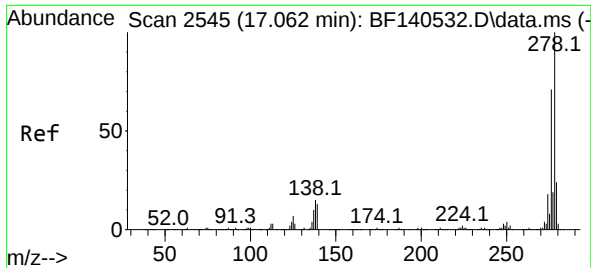
Delta R.T. 0.053 min

Lab File: BF140769.D

Acq: 06 Dec 2024 16:24

Tgt Ion:252 Resp: 470488
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.2 7.0 10.6





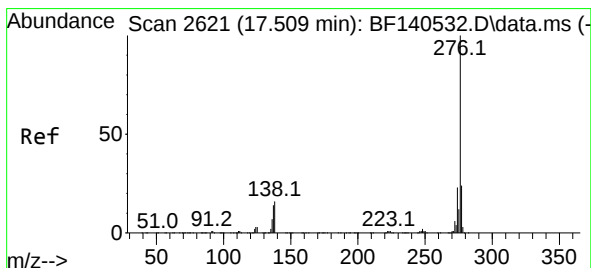
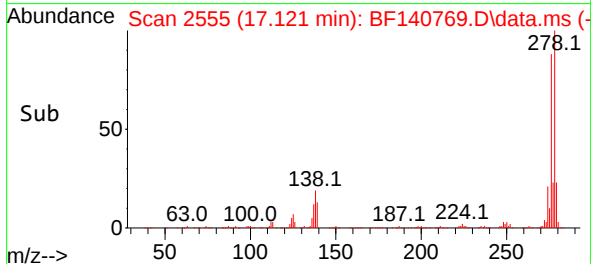
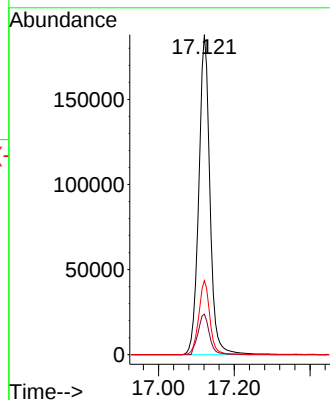
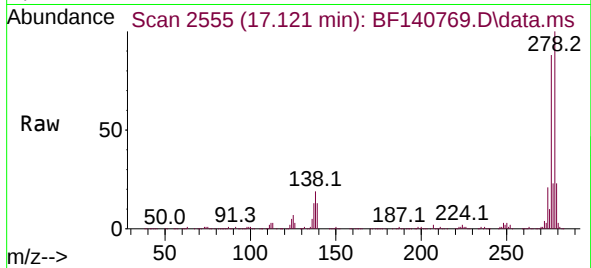
#91
Dibenzo(a,h)anthracene
Concen: 40.814 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:278 Resp: 385134
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.4
279 23.1 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



#92
Benzo(g,h,i)perylene
Concen: 31.698 ng
RT: 17.574 min Scan# 2632
Delta R.T. 0.065 min
Lab File: BF140769.D
Acq: 06 Dec 2024 16:24

Tgt Ion:276 Resp: 305223
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 16.7 13.2 19.8

