

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139722.D
 Acq On : 09 Oct 2024 15:05
 Operator : RC/JU
 Sample : P4340-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-3MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 16:00:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	84991	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	327420	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	180062	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	333201	20.000	ng	0.00
76) Chrysene-d12	14.033	240	167716	20.000	ng	0.00
86) Perylene-d12	15.498	264	175394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	539317	109.984	ng	0.00
7) Phenol-d6	6.504	99	718691	108.987	ng	0.00
23) Nitrobenzene-d5	7.433	82	471350	72.887	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	182123	104.776	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	841963	71.785	ng	0.00
79) Terphenyl-d14	12.974	244	776592	75.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	99215	46.799	ng	99
3) Pyridine	3.451	79	245189	47.554	ng	96
4) n-Nitrosodimethylamine	3.410	42	159402	47.231	ng	94
6) Aniline	6.528	93	201076	34.363	ng	# 64
8) 2-Chlorophenol	6.651	128	264151	50.280	ng	98
9) Benzaldehyde	6.416	77	80364	23.006	ng	99
10) Phenol	6.516	94	347793	50.159	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	260367	46.118	ng	99
12) 1,3-Dichlorobenzene	6.804	146	279076	47.220	ng	100
13) 1,4-Dichlorobenzene	6.886	146	279404	46.678	ng	100
14) 1,2-Dichlorobenzene	7.034	146	268753	47.906	ng	99
15) Benzyl Alcohol	7.010	79	249974	49.613	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	470003	48.089	ng	91
17) 2-Methylphenol	7.122	107	215210	49.069	ng	98
18) Hexachloroethane	7.375	117	106153	47.545	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	198401	46.798	ng	98
20) 3+4-Methylphenols	7.275	107	266998	48.467	ng	95
22) Acetophenone	7.275	105	361617	46.529	ng	96
24) Nitrobenzene	7.451	77	302788	45.216	ng	99
25) Isophorone	7.686	82	540953	47.097	ng	99
26) 2-Nitrophenol	7.763	139	143535	49.860	ng	100
27) 2,4-Dimethylphenol	7.804	122	208478	59.156	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	318407	46.424	ng	99
29) 2,4-Dichlorophenol	8.010	162	222517	48.407	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	229627	44.172	ng	98
31) Naphthalene	8.169	128	781238	46.667	ng	100
32) Benzoic acid	7.928	122	132692	37.865	ng	98
33) 4-Chloroaniline	8.222	127	47994	8.470	ng	98
34) Hexachlorobutadiene	8.280	225	148628	44.180	ng	100
35) Caprolactam	8.592	113	73166m	48.528	ng	
36) 4-Chloro-3-methylphenol	8.710	107	243115	46.721	ng	98
37) 2-Methylnaphthalene	8.863	142	509634	46.743	ng	100
38) 1-Methylnaphthalene	8.963	142	472336	44.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	235267	47.053	ng	98
41) Hexachlorocyclopentadiene	9.010	237	241082	157.246	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	161675	47.965	ng	97

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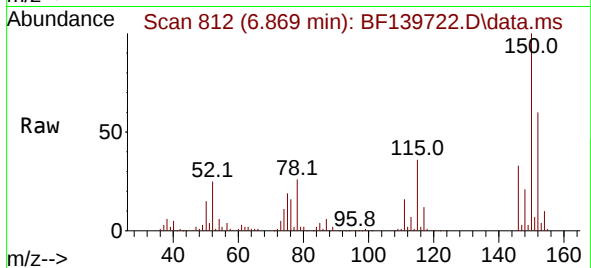
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	172763	47.527	ng	98
46) 1,1'-Biphenyl	9.327	154	631382	47.145	ng	100
47) 2-Chloronaphthalene	9.351	162	473944	47.206	ng	98
48) 2-Nitroaniline	9.451	65	176955	49.099	ng	98
49) Acenaphthylene	9.769	152	774283	50.711	ng	99
50) Dimethylphthalate	9.627	163	568816	48.258	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123928	46.543	ng	93
52) Acenaphthene	9.939	154	542407m	51.747	ng	
53) 3-Nitroaniline	9.857	138	66540	24.454	ng	96
54) 2,4-Dinitrophenol	9.969	184	120773	84.331	ng	99
55) Dibenzofuran	10.110	168	715470	48.751	ng	99
56) 4-Nitrophenol	10.027	139	190279	91.701	ng	96
57) 2,4-Dinitrotoluene	10.098	165	168137	48.310	ng	99
58) Fluorene	10.451	166	556070	47.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	142955	48.692	ng	98
60) Diethylphthalate	10.327	149	582853	47.874	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	267970	45.823	ng	97
62) 4-Nitroaniline	10.474	138	131218	47.146	ng	98
63) Azobenzene	10.604	77	695002	56.765	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	87206	46.340	ng	96
66) n-Nitrosodiphenylamine	10.563	169	487604	49.646	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	159790	46.772	ng	97
68) Hexachlorobenzene	10.998	284	177578	46.843	ng	99
69) Atrazine	11.092	200	156727	59.476	ng	99
70) Pentachlorophenol	11.198	266	183577	81.326	ng	99
71) Phenanthrene	11.416	178	780793	49.698	ng	100
72) Anthracene	11.469	178	789998	50.828	ng	100
73) Carbazole	11.621	167	720782	48.284	ng	100
74) Di-n-butylphthalate	11.945	149	900280	49.594	ng	99
75) Fluoranthene	12.604	202	785368	45.730	ng	100
77) Benzidine	12.727	184	176030	59.504	ng	100
78) Pyrene	12.833	202	789480	52.631	ng	99
80) Butylbenzylphthalate	13.445	149	301901	56.267	ng	99
81) Benzo(a)anthracene	14.021	228	551757	50.038	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	104003	30.819	ng	99
83) Chrysene	14.057	228	501687	49.765	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	386490	57.686	ng	99
85) Di-n-octyl phthalate	14.615	149	547878	55.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	591127	57.261	ng	99
88) Benzo(b)fluoranthene	15.068	252	503178	44.369	ng	99
89) Benzo(k)fluoranthene	15.098	252	425569	44.238	ng	99
90) Benzo(a)pyrene	15.439	252	458403	51.263	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	485898	56.749	ng	99
92) Benzo(g,h,i)perylene	17.427	276	463955	54.029	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# 812
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

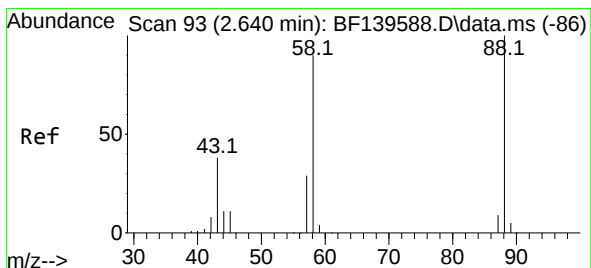
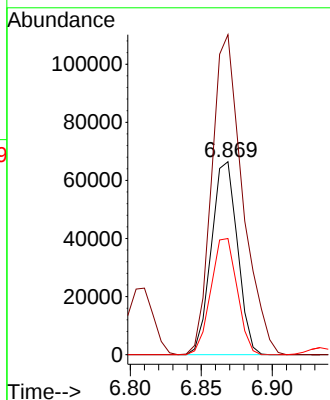
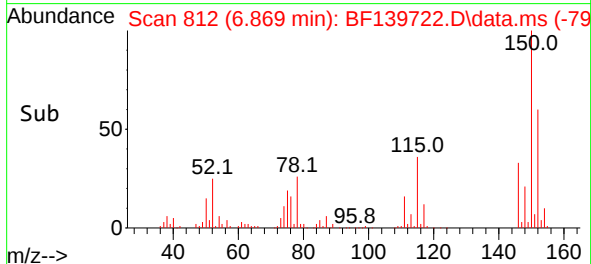
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion:152 Resp: 8499
Ion Ratio Lower Upper
152 100
150 165.8 127.2 190.8
115 60.2 49.0 73.4

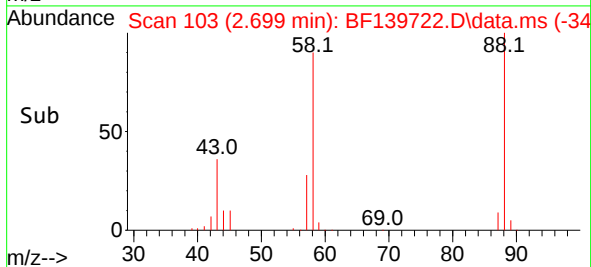
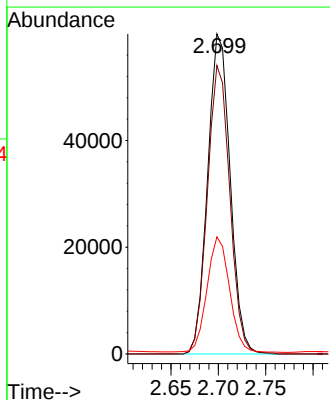
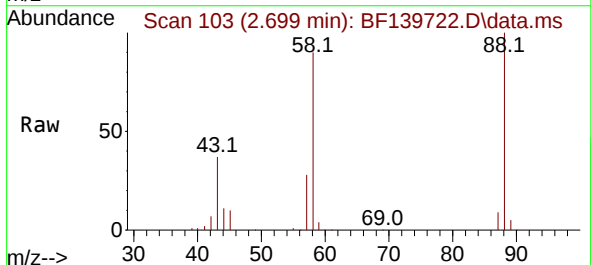
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 46.799 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.059 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion: 88 Resp: 99215
Ion Ratio Lower Upper
88 100
58 89.8 72.0 108.0
43 36.1 30.8 46.2





#3

Pyridine

Concen: 47.554 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

Tgt Ion: 79 Resp: 245189

Ion Ratio Lower Upper

79 100

52 87.5 72.6 109.0

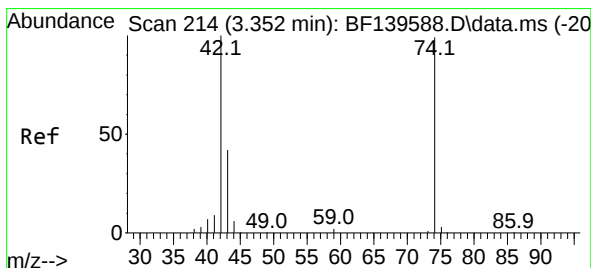
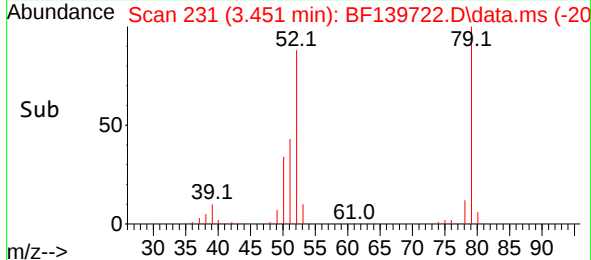
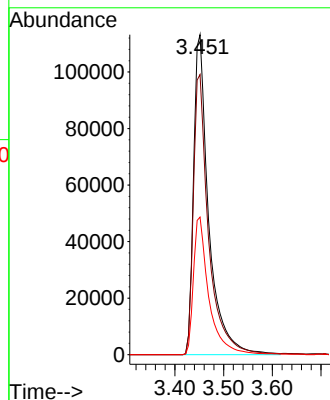
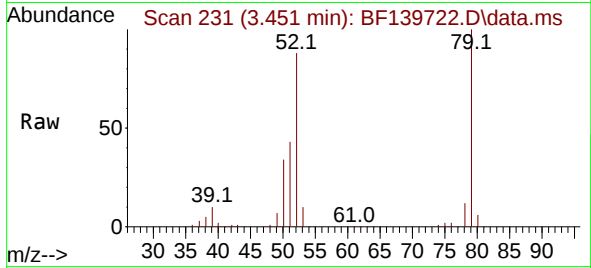
51 43.0 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024



#4

n-Nitrosodimethylamine

Concen: 47.231 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

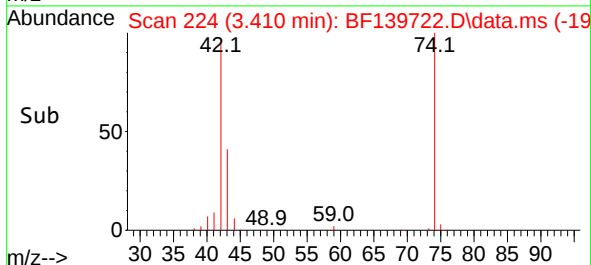
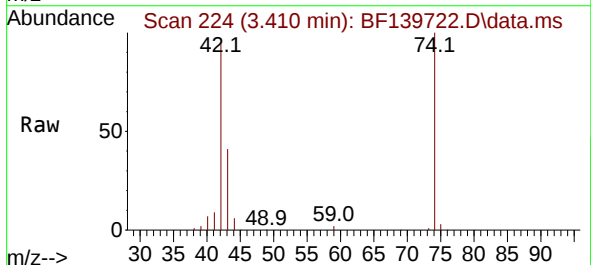
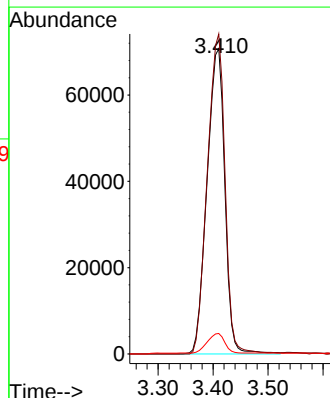
Tgt Ion: 42 Resp: 159402

Ion Ratio Lower Upper

42 100

74 104.8 79.0 118.6

44 6.7 5.2 7.8





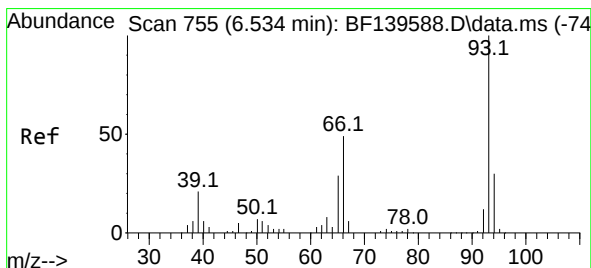
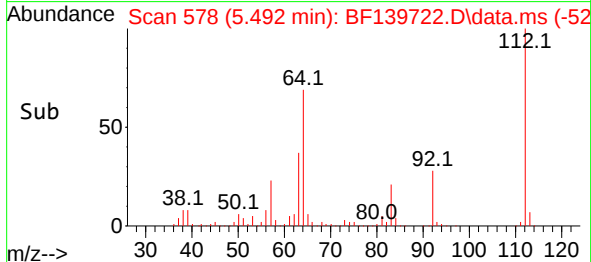
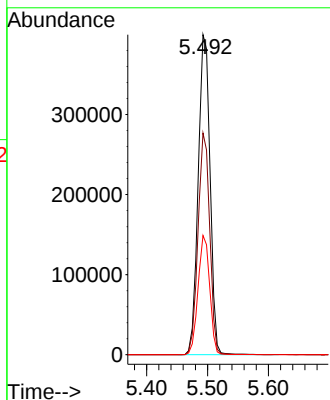
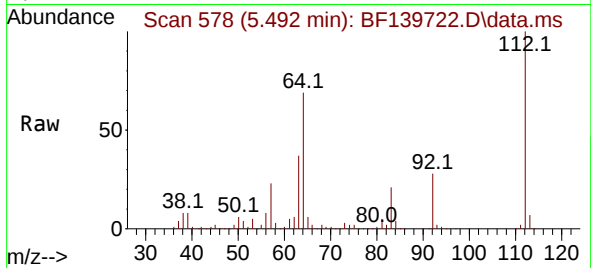
#5
2-Fluorophenol
Concen: 109.984 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-3MS

Tgt Ion:112 Resp: 53931
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 37.3 29.4 44.2

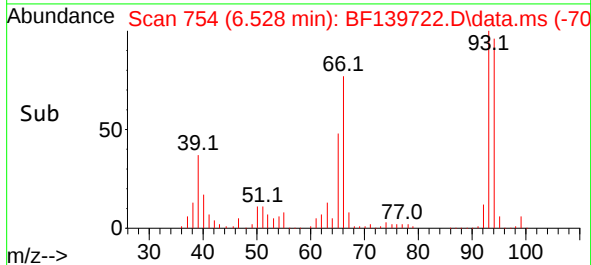
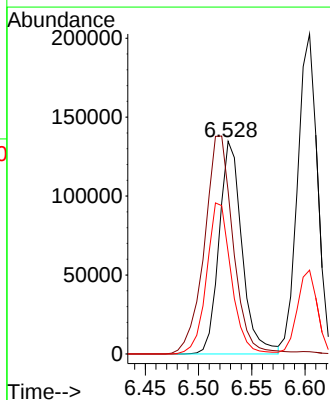
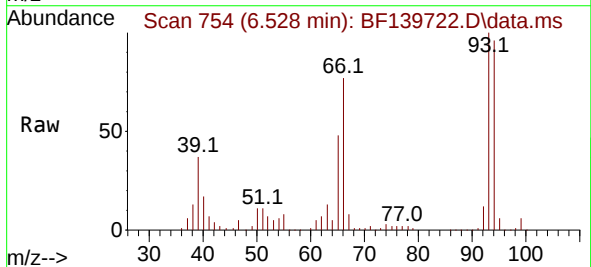
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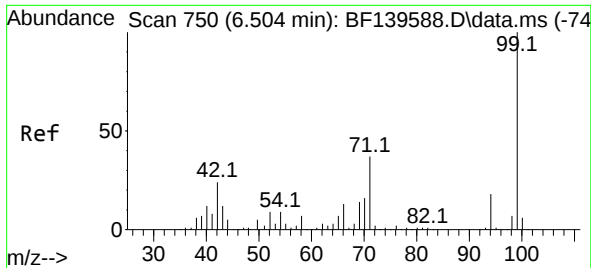
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 34.363 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

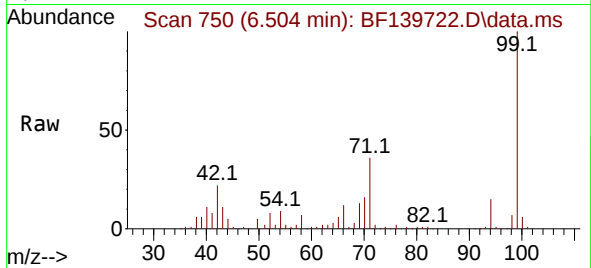
Tgt Ion: 93 Resp: 201076
Ion Ratio Lower Upper
93 100
66 76.6 40.9 61.3#
65 47.9 23.3 34.9#





#7
Phenol-d6
Concen: 108.987 ng
RT: 6.504 min Scan# 71869
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

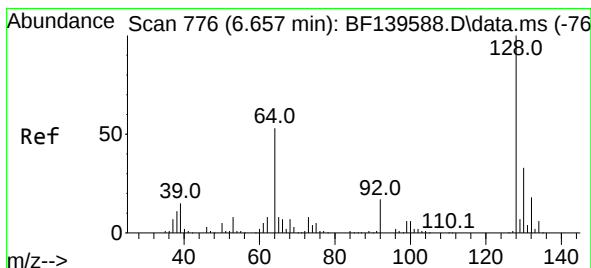
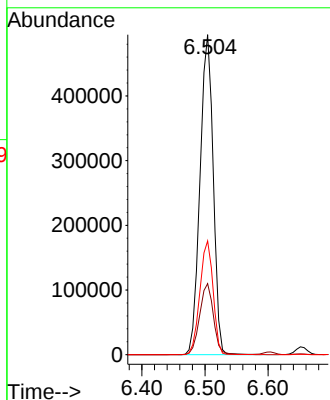
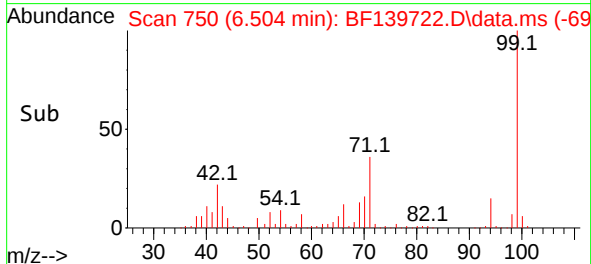
Instrument :
BNA_F
ClientSampleId :
1B-3MS



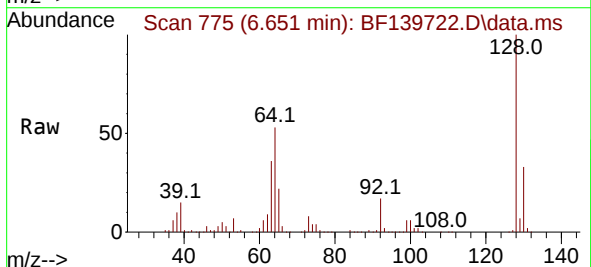
Tgt Ion: 99 Resp: 71869
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.6 29.7 44.5

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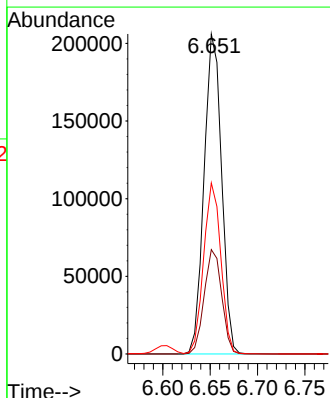
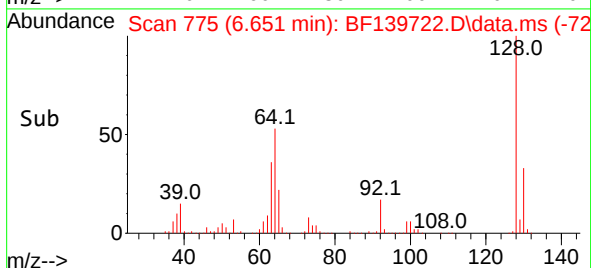
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#8
2-Chlorophenol
Concen: 50.280 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:128 Resp: 264151
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 53.4 35.1 75.1





#9

Benzaldehyde

Concen: 23.006 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

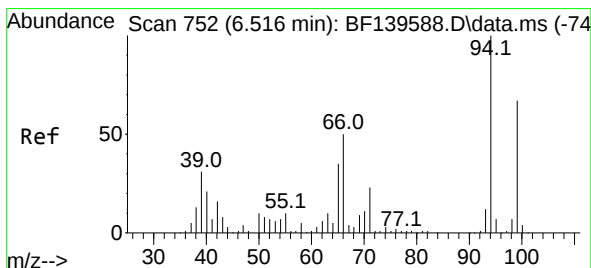
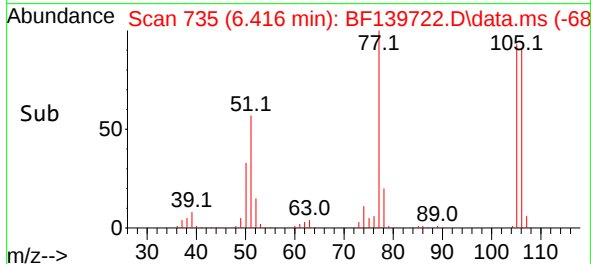
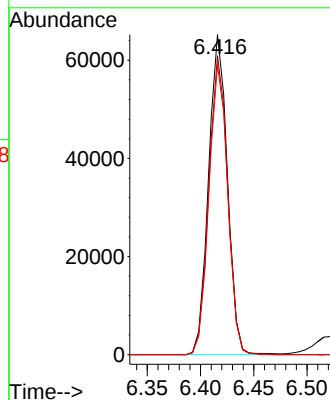
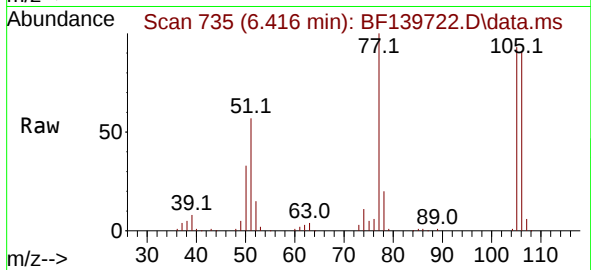
Tgt Ion: 77	Resp: 80364
Ion Ratio	Lower Upper
77 100	
105 93.4	72.7 112.7
106 90.5	70.1 110.1

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024



#10

Phenol

Concen: 50.159 ng

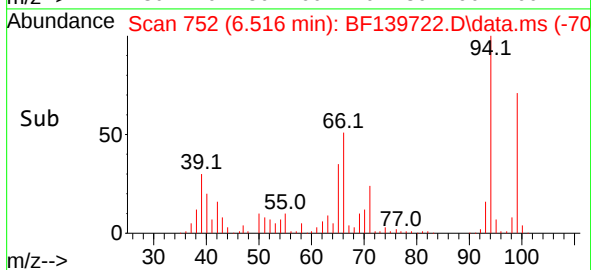
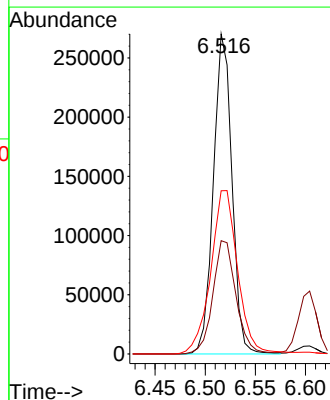
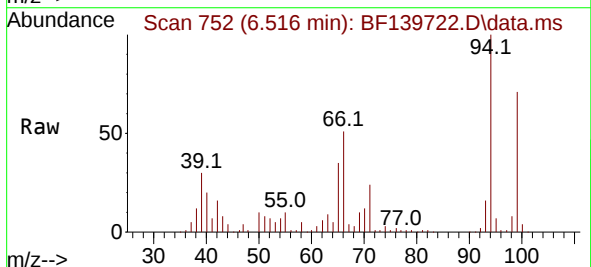
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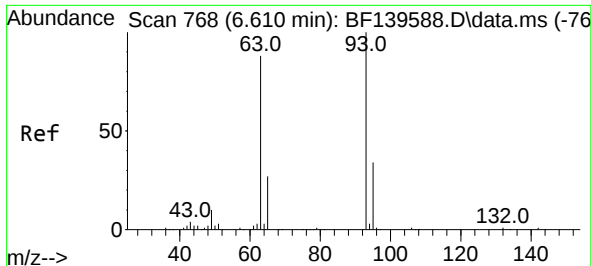
Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Tgt Ion: 94	Resp: 347793
Ion Ratio	Lower Upper
94 100	
65 35.4	15.3 55.3
66 51.0	30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 46.118 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

Tgt Ion: 93 Resp: 26036

Ion Ratio Lower Upper

93 100

63 83.4 64.1 104.1

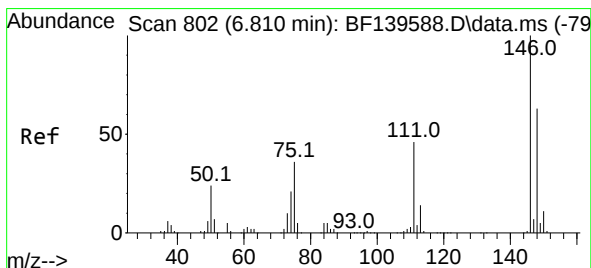
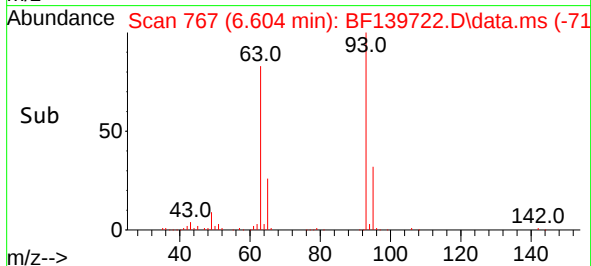
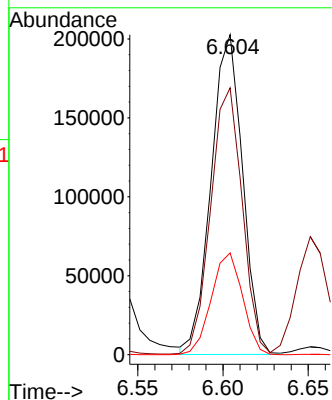
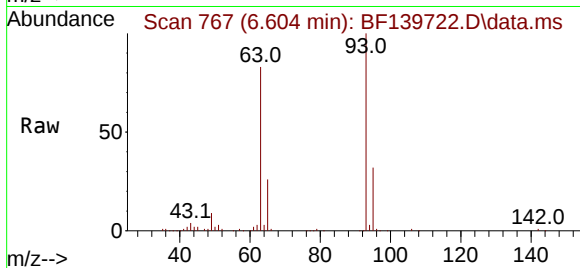
95 31.8 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#12

1,3-Dichlorobenzene

Concen: 47.220 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

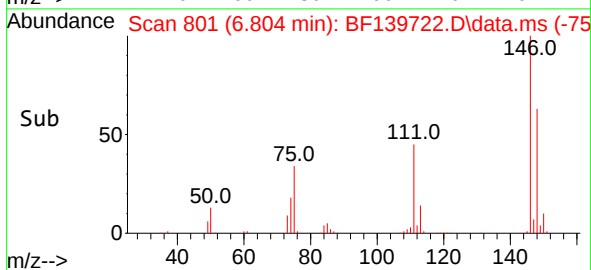
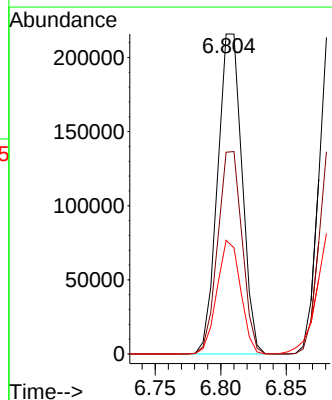
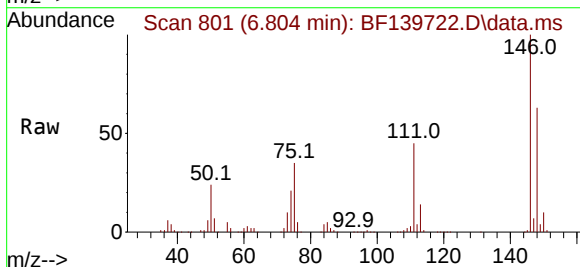
Tgt Ion:146 Resp: 279076

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.4

75 35.5 28.5 42.7





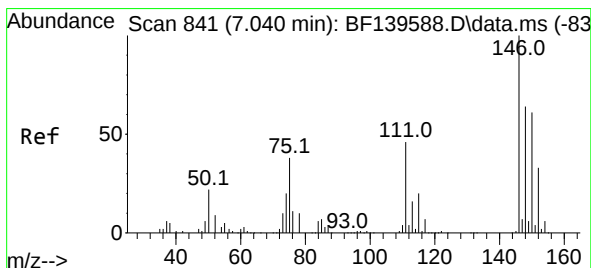
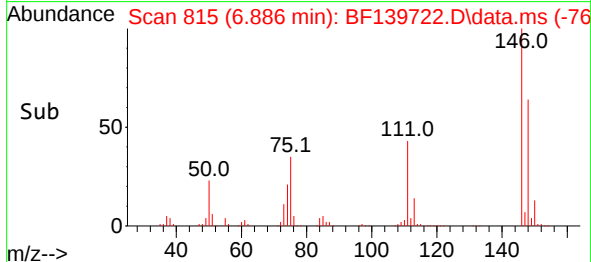
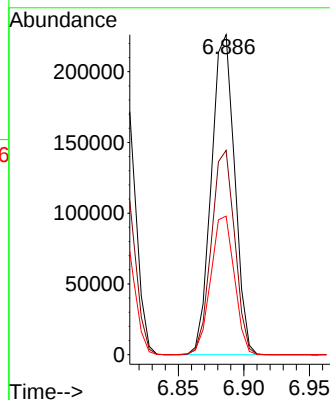
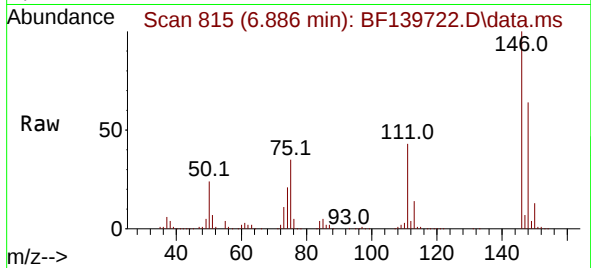
#13
1,4-Dichlorobenzene
Concen: 46.678 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-3MS

Tgt Ion:146 Resp: 279404
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.3 34.9 52.3

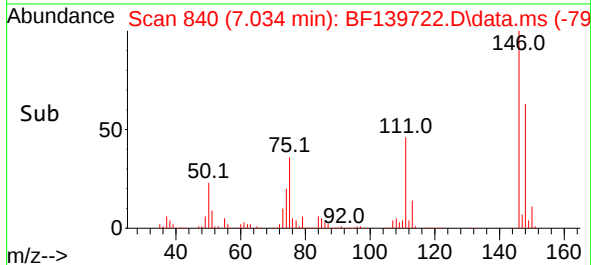
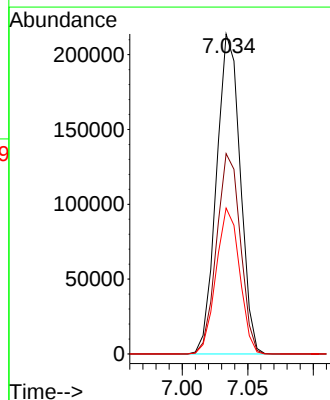
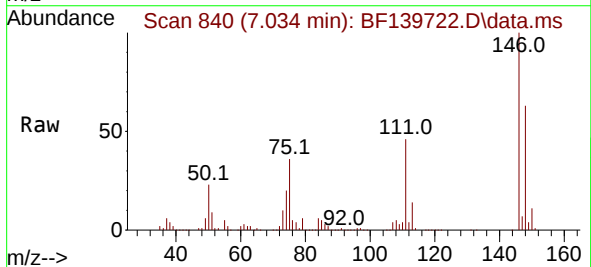
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 47.906 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

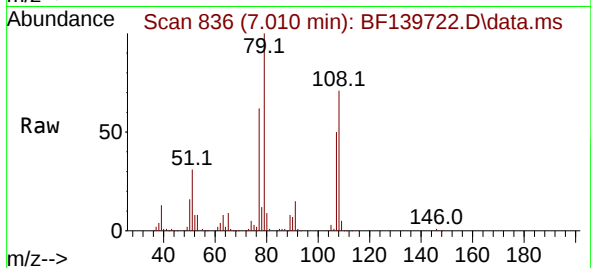
Tgt Ion:146 Resp: 268753
Ion Ratio Lower Upper
146 100
148 62.6 51.2 76.8
111 45.6 37.0 55.6





#15
Benzyl Alcohol
Concen: 49.613 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

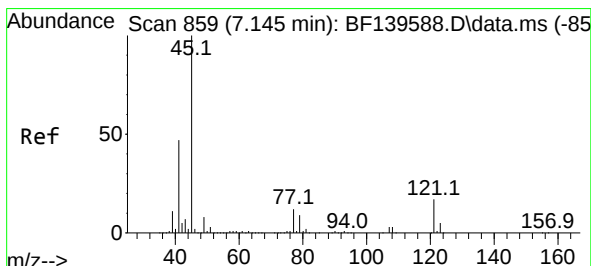
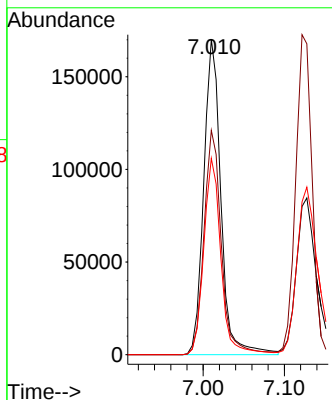
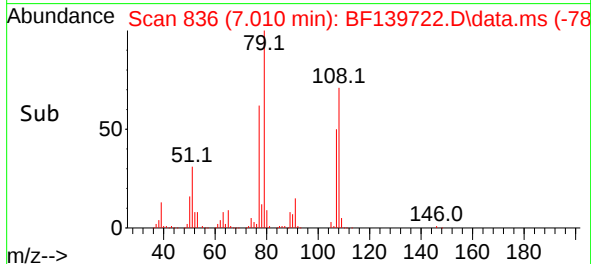
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion: 79 Resp: 249974
Ion Ratio Lower Upper
79 100
108 71.1 55.1 82.7
77 62.2 50.8 76.2

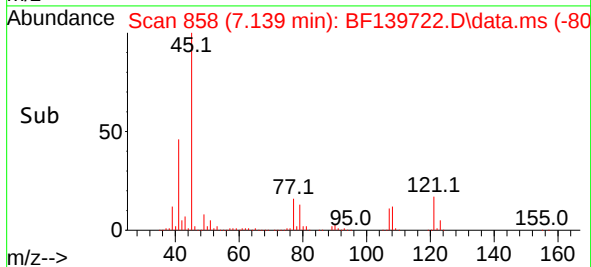
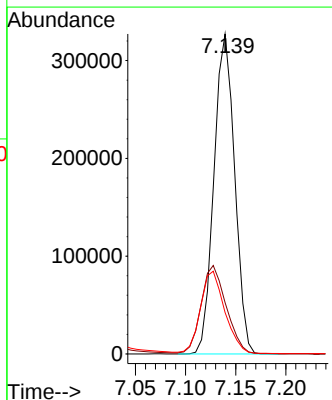
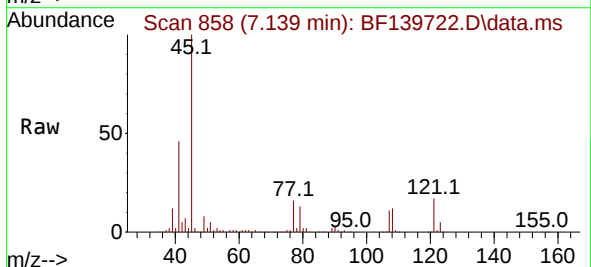
Manual Integrations
APPROVED

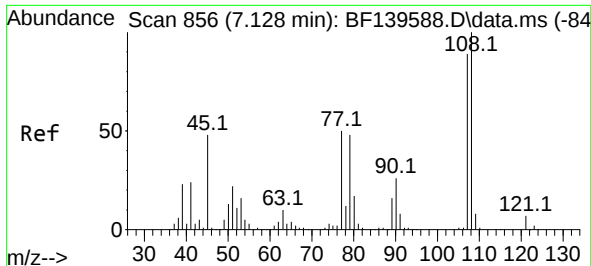
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.089 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion: 45 Resp: 470003
Ion Ratio Lower Upper
45 100
77 16.1 0.0 32.5
79 13.0 0.0 29.7





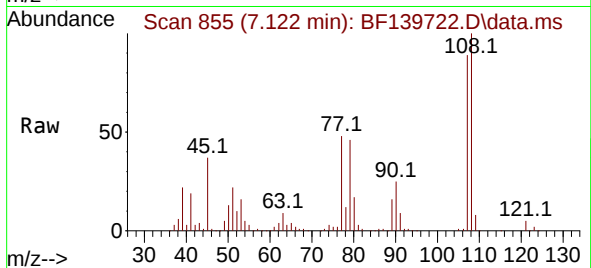
#17
2-Methylphenol
Concen: 49.069 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS



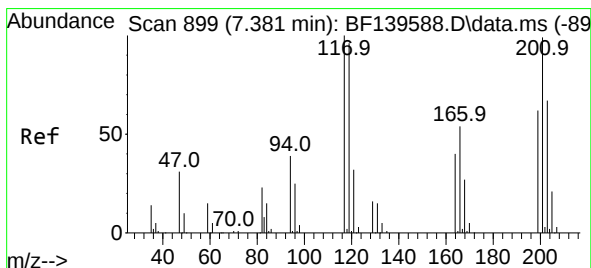
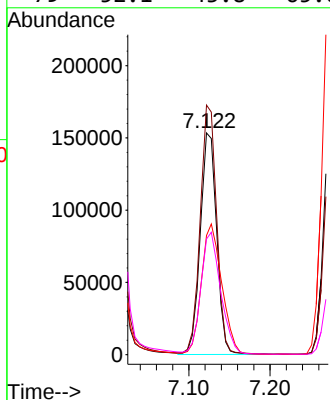
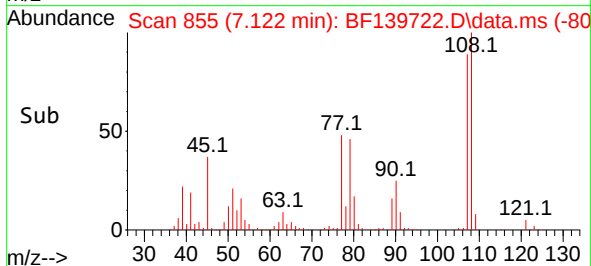
Tgt Ion:107 Resp: 215210
Ion Ratio Lower Upper
107 100
108 112.6 89.8 134.6
77 53.7 44.6 67.0
79 52.1 43.8 65.6

Manual Integrations

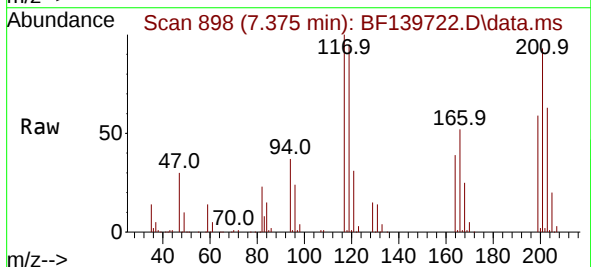
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

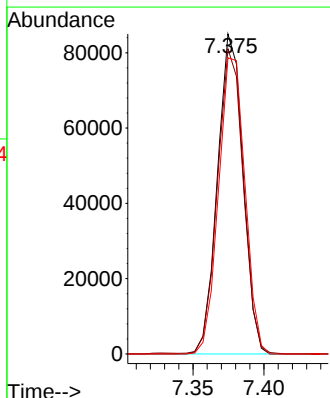
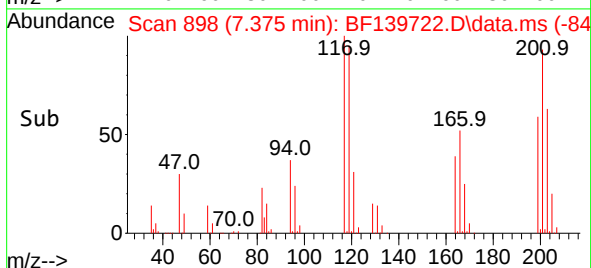
Supervised By :mohammad ahmed 10/10/2024

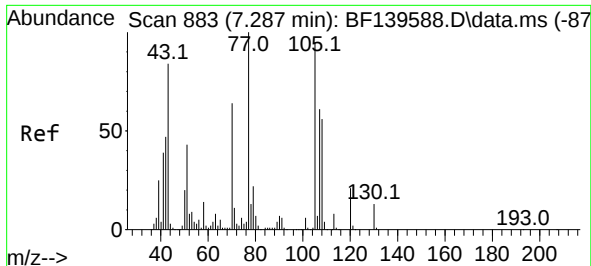


#18
Hexachloroethane
Concen: 47.545 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:117 Resp: 106153
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6
201 92.6 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.798 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

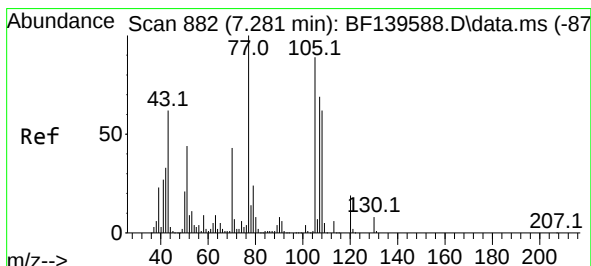
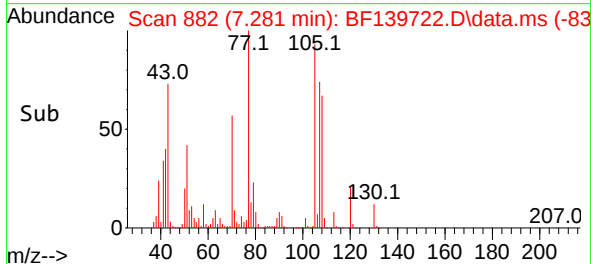
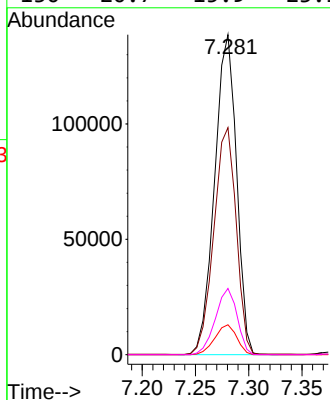
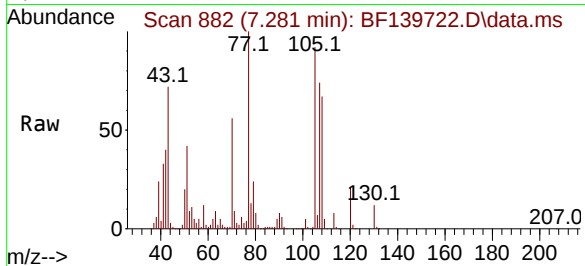
ClientSampleId :

1B-3MS

Tgt Ion: 70 Resp: 19840
Ion Ratio Lower Upper
70 100
42 70.9 58.0 87.0
101 9.4 7.8 11.8
130 20.7 15.9 23.9

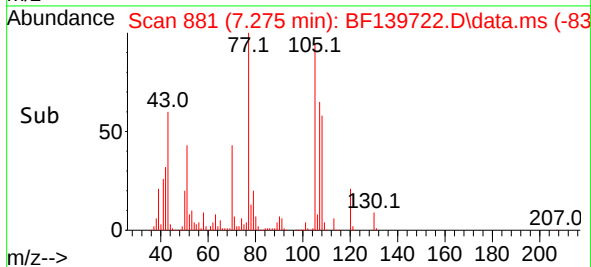
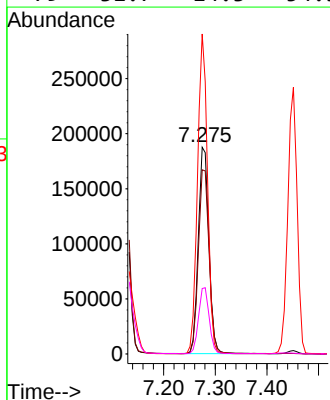
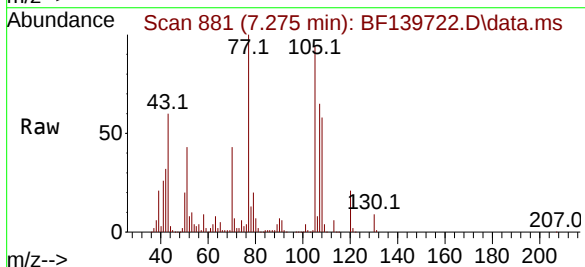
Manual Integrations
APPROVED

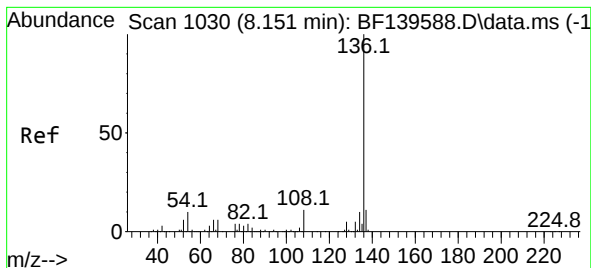
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#20
3+4-Methylphenols
Concen: 48.467 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion:107 Resp: 266998
Ion Ratio Lower Upper
107 100
108 89.1 70.2 110.2
77 154.8 125.3 165.3
79 31.7 14.3 54.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

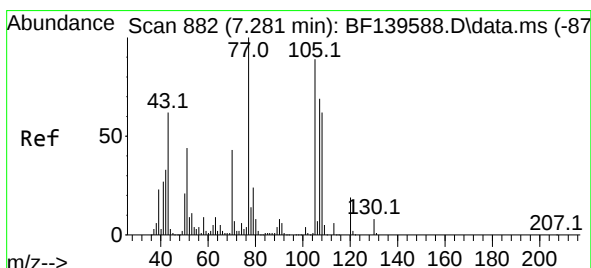
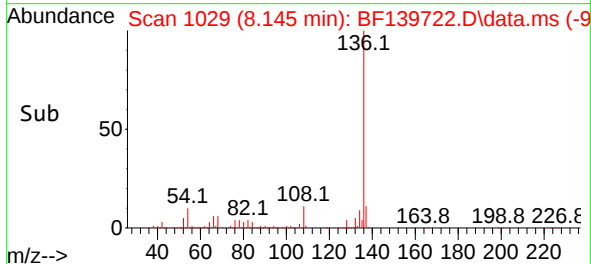
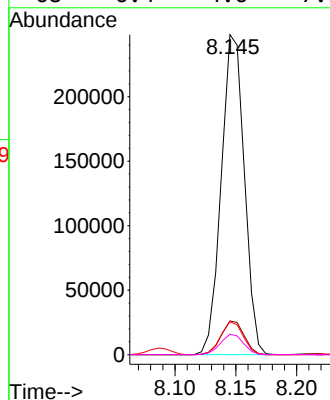
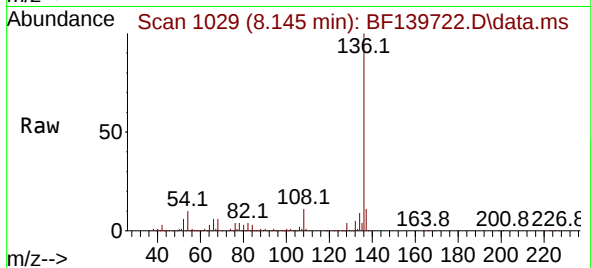
Tgt Ion:136	Resp: 327420
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 10.3	8.3 12.5
68 6.4	4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#22

Acetophenone

Concen: 46.529 ng

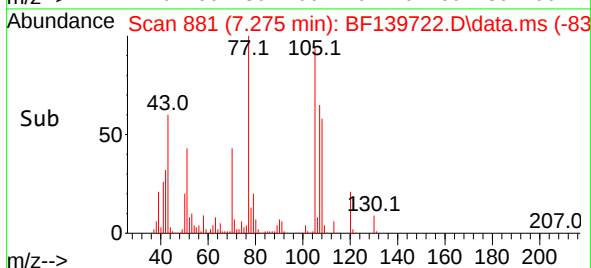
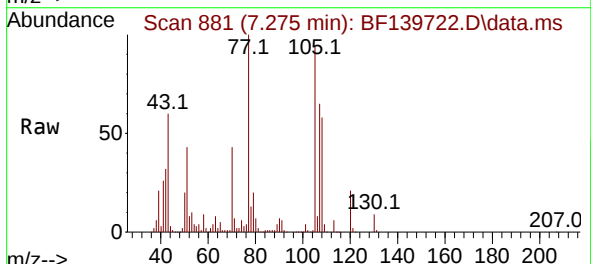
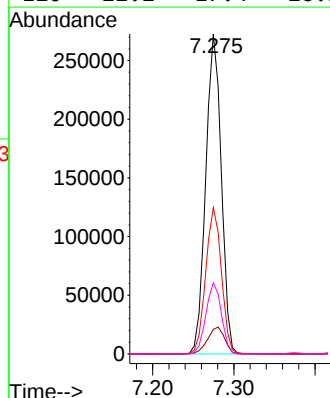
RT: 7.275 min Scan# 881

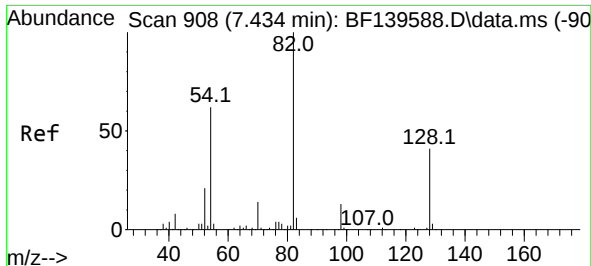
Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Tgt Ion:105	Resp: 361617
Ion Ratio	Lower Upper
105 100	
71 7.7	6.6 10.0
51 45.7	39.4 59.0
120 22.2	17.4 26.2





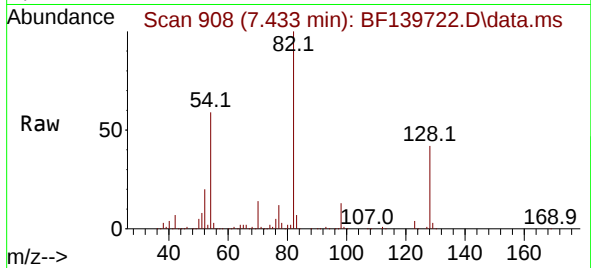
#23
Nitrobenzene-d5
Concen: 72.887 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

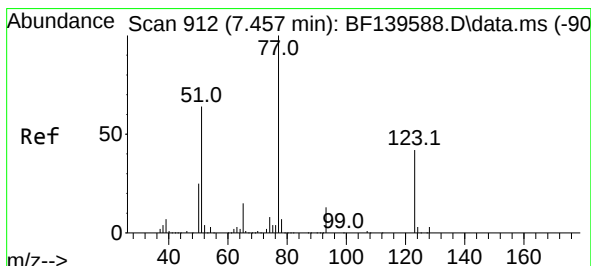
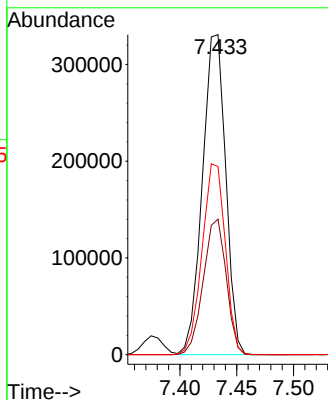
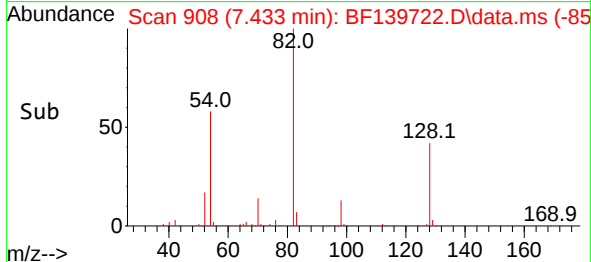


Tgt Ion: 82 Resp: 471350
Ion Ratio Lower Upper
82 100
128 42.4 32.4 48.6
54 58.8 49.1 73.7

Manual Integrations

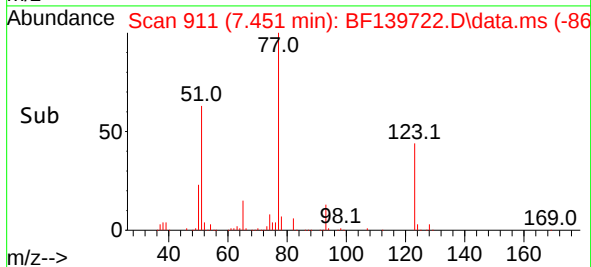
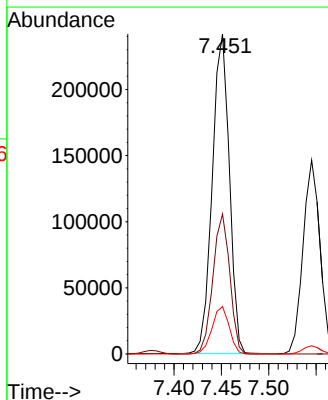
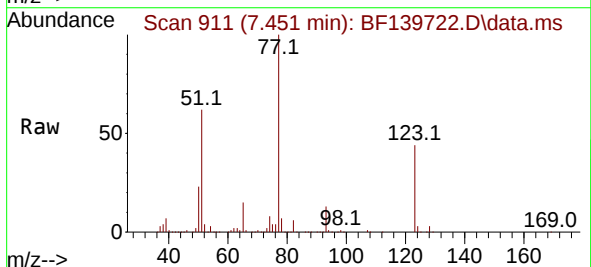
APPROVED

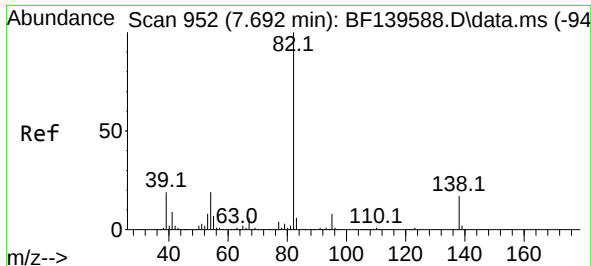
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#24
Nitrobenzene
Concen: 45.216 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

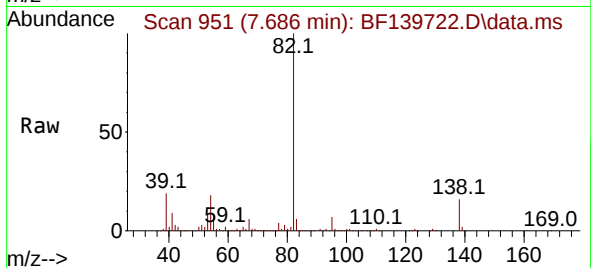
Tgt Ion: 77 Resp: 302788
Ion Ratio Lower Upper
77 100
123 43.7 34.2 51.4
65 14.8 12.1 18.1





#25
Isophorone
Concen: 47.097 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

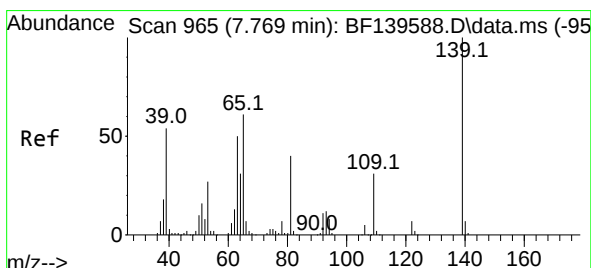
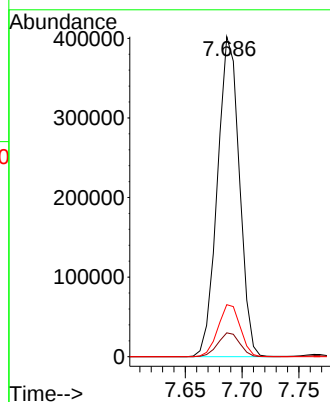
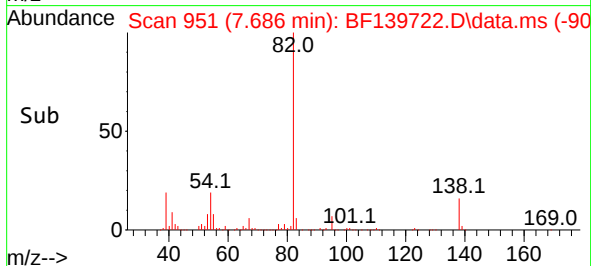
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion: 82 Resp: 54095
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.3 13.4 20.2

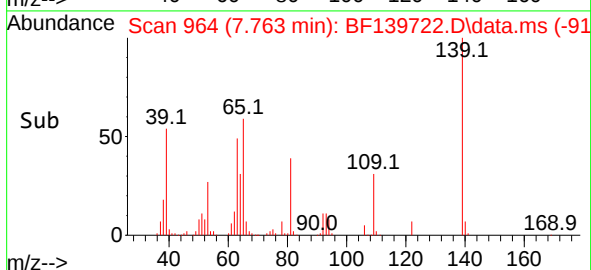
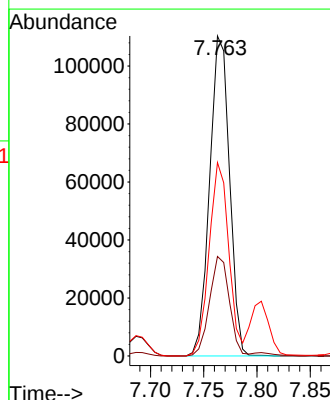
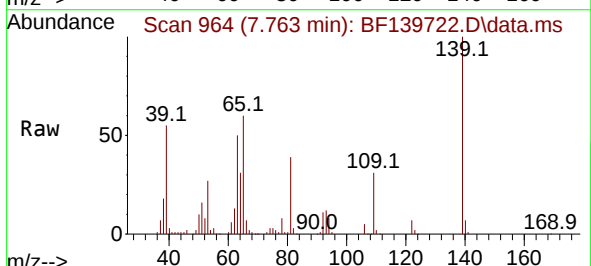
Manual Integrations
APPROVED

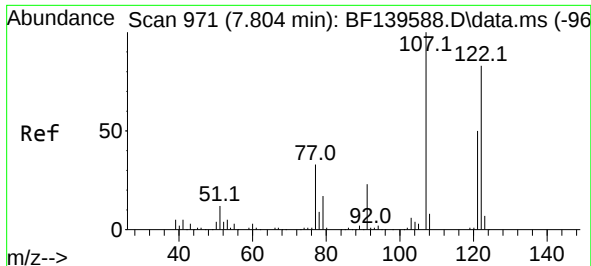
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#26
2-Nitrophenol
Concen: 49.860 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion:139 Resp: 143535
Ion Ratio Lower Upper
139 100
109 31.1 24.9 37.3
65 60.4 48.6 72.8





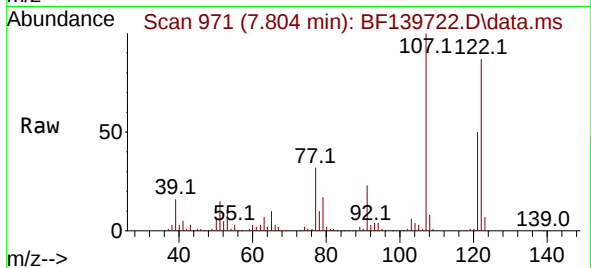
#27
2,4-Dimethylphenol
Concen: 59.156 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS



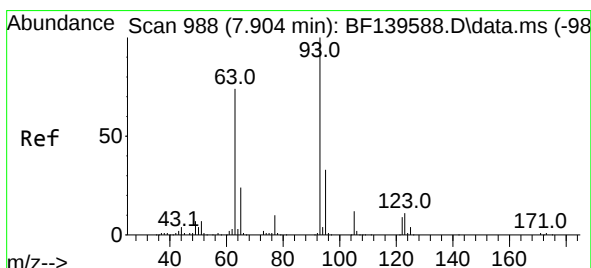
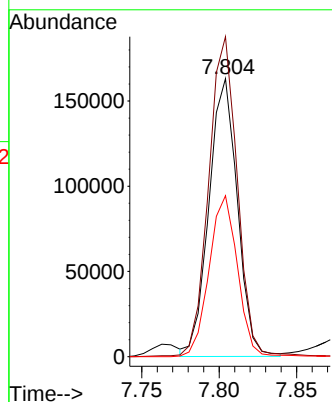
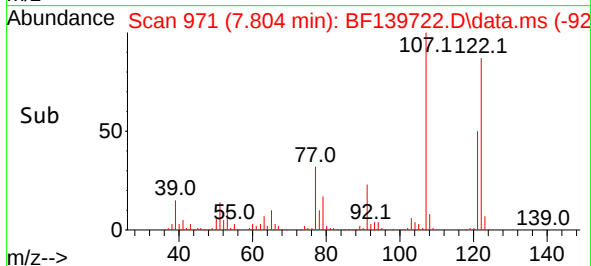
Tgt Ion:122 Resp: 208478
Ion Ratio Lower Upper
122 100
107 115.1 95.4 143.0
121 57.9 47.4 71.2

Manual Integrations

APPROVED

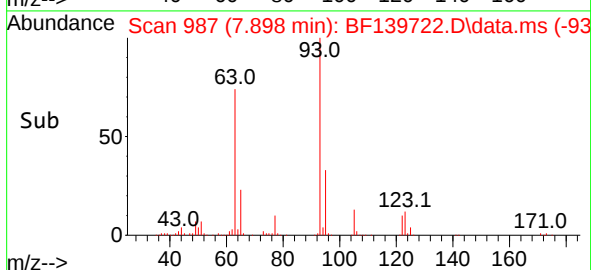
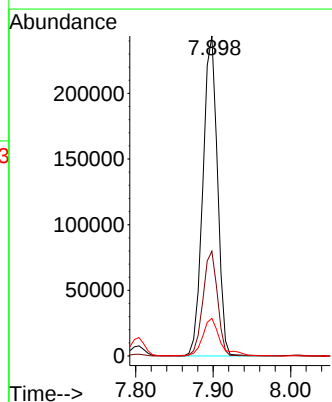
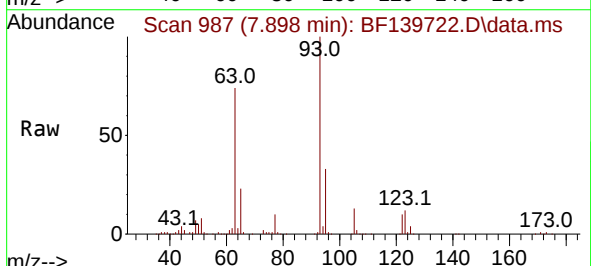
Reviewed By :Yogesh Patel 10/10/2024

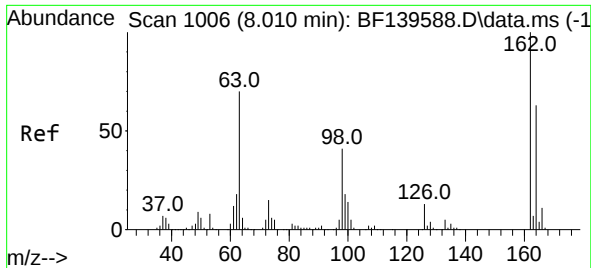
Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.424 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion: 93 Resp: 318407
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.407 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

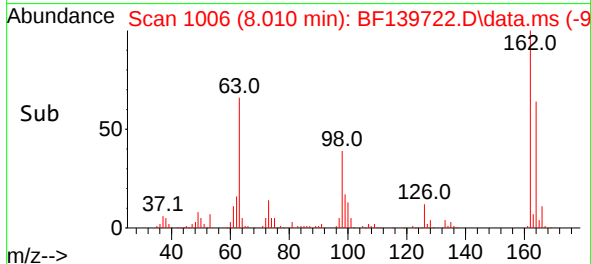
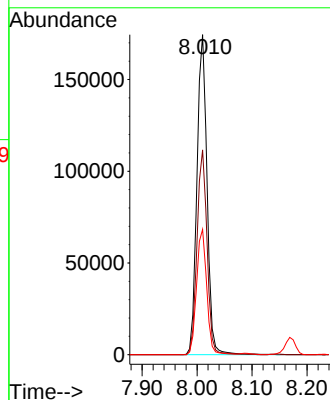
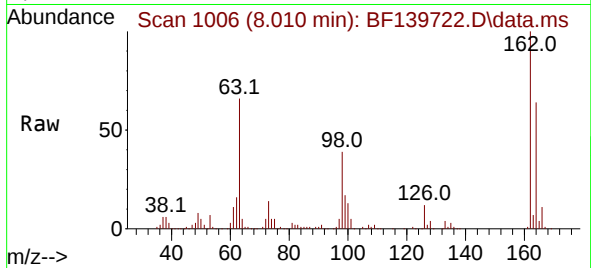
Tgt Ion:162 Resp: 222517
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.1 83.1
 98 39.1 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.172 ng

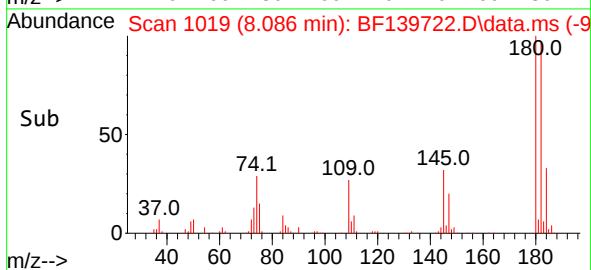
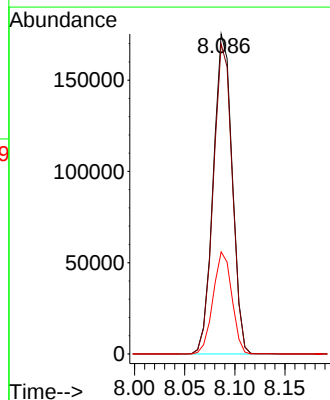
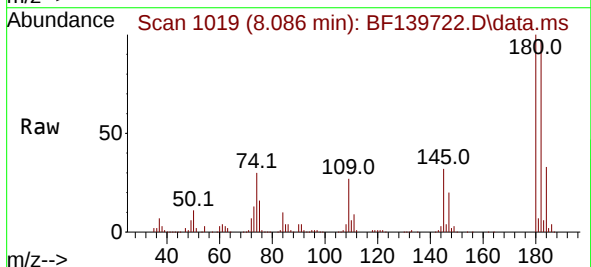
RT: 8.086 min Scan# 1019

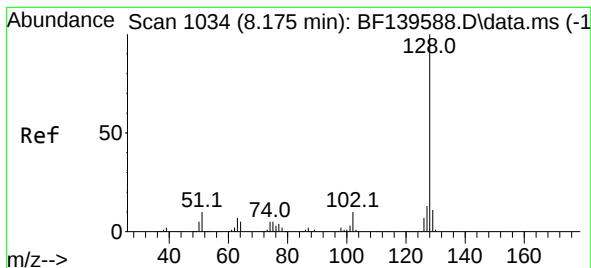
Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Tgt Ion:180 Resp: 229627
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.0 114.0
 145 31.9 25.0 37.6





#31

Naphthalene

Concen: 46.667 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF139722.D

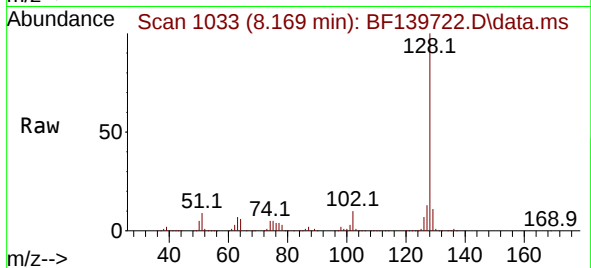
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS



Tgt Ion:128 Resp: 781238

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

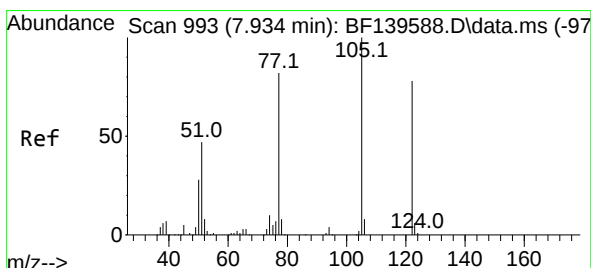
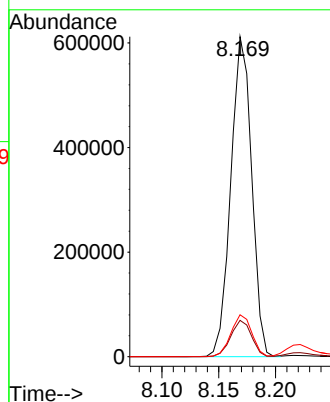
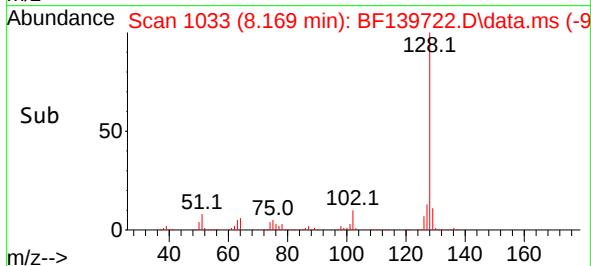
127 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#32

Benzoic acid

Concen: 37.865 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

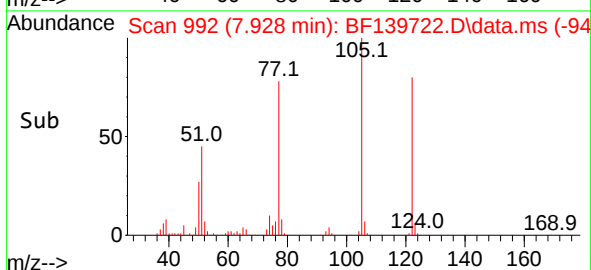
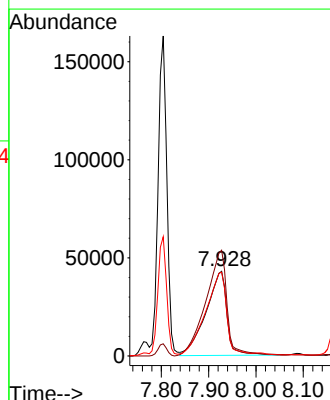
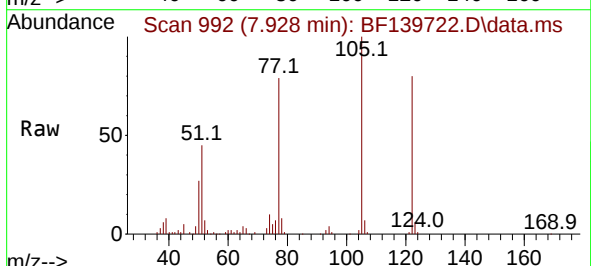
Tgt Ion:122 Resp: 132692

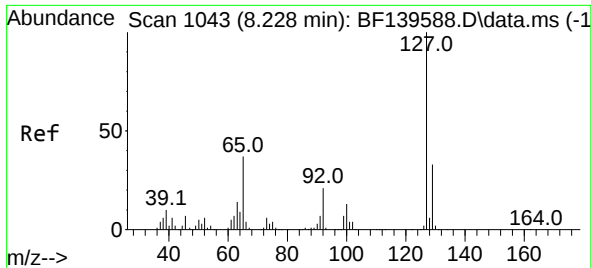
Ion Ratio Lower Upper

122 100

105 124.8 104.9 144.9

77 98.9 82.7 122.7





#33
4-Chloroaniline
Concen: 8.470 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

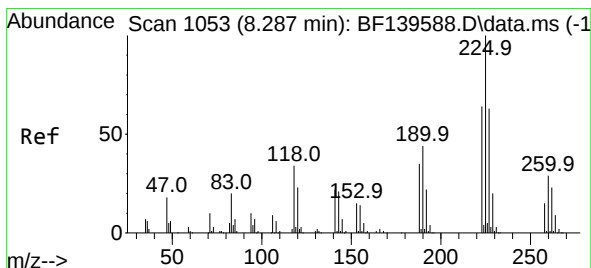
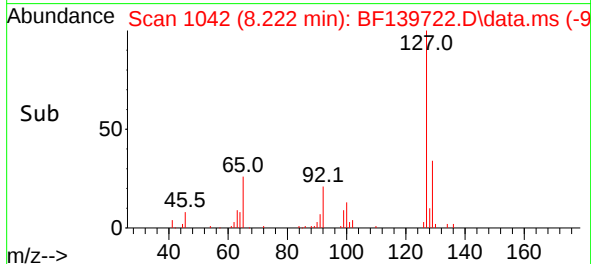
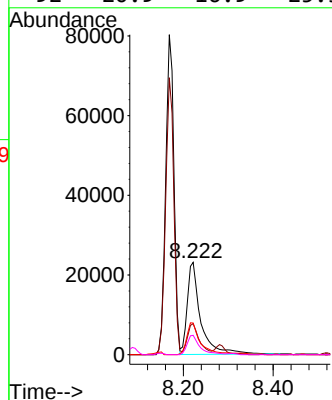
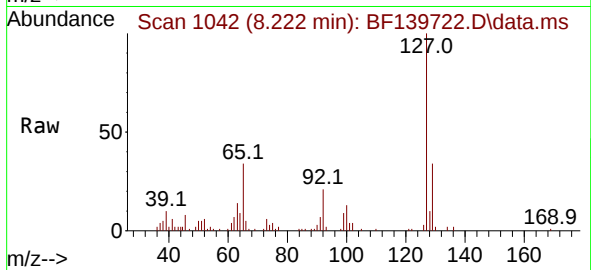
1B-3MS

Tgt Ion:127 Resp: 47994
Ion Ratio Lower Upper
127 100
129 33.7 26.2 39.4
65 34.3 29.3 43.9
92 20.9 16.9 25.3

Manual Integrations

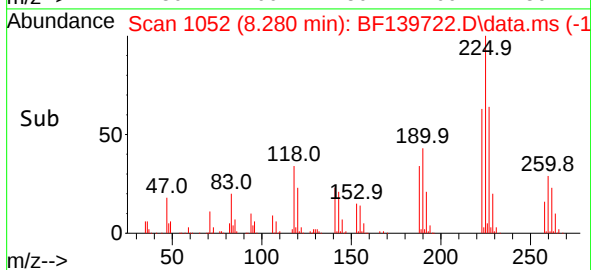
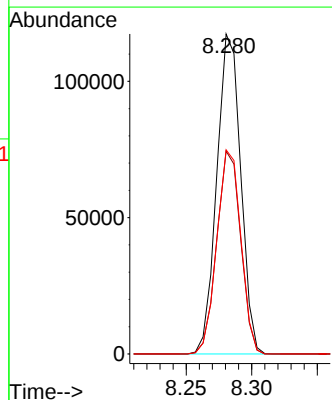
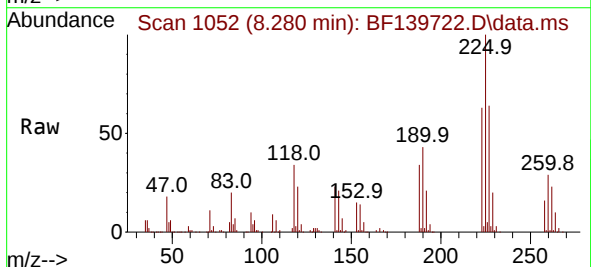
APPROVED

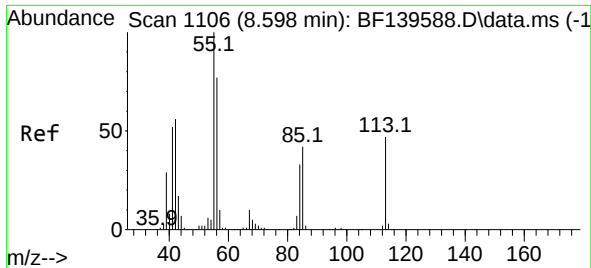
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 44.180 ng
RT: 8.280 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion:225 Resp: 148628
Ion Ratio Lower Upper
225 100
223 63.4 50.9 76.3
227 63.8 50.7 76.1





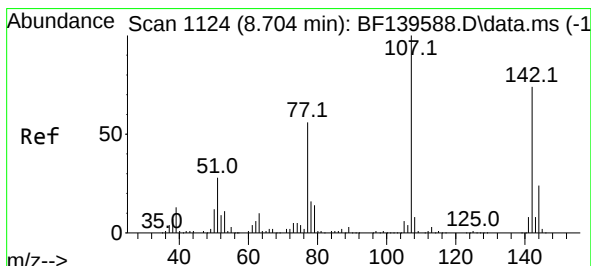
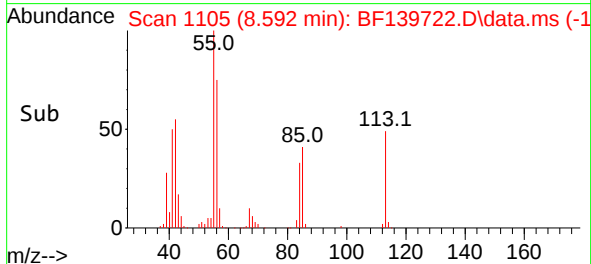
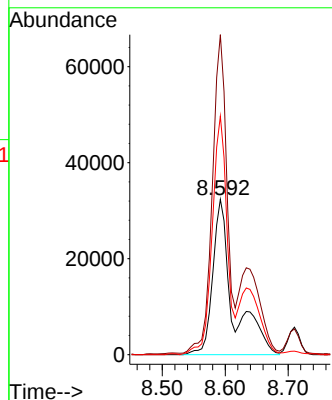
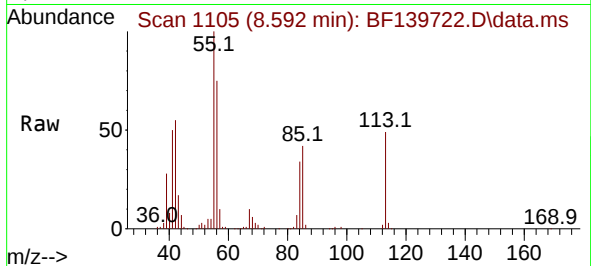
#35
Caprolactam
Concen: 48.528 ng m
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-3MS

Tgt Ion:113 Resp: 73160
Ion Ratio Lower Upper
113 100
55 206.0 193.4 233.4
56 153.6 143.8 183.8

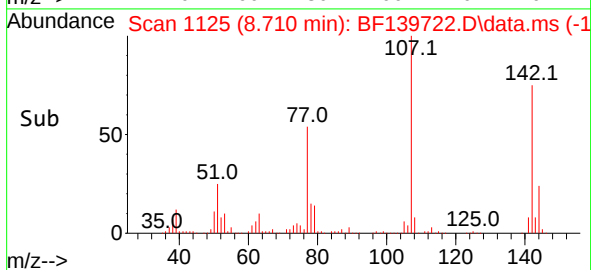
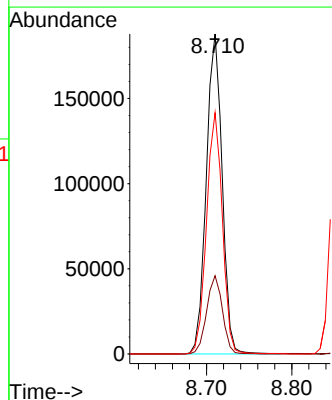
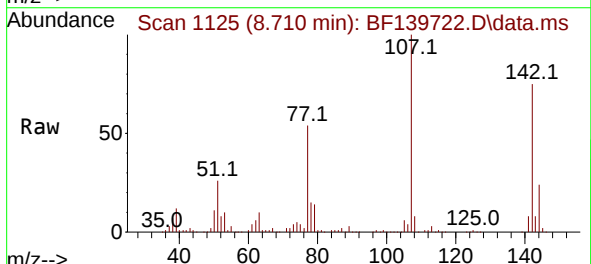
Manual Integrations
APPROVED

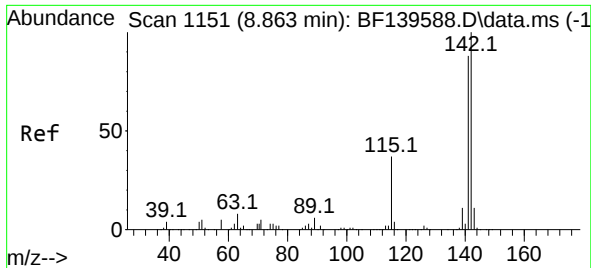
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#36
4-Chloro-3-methylphenol
Concen: 46.721 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

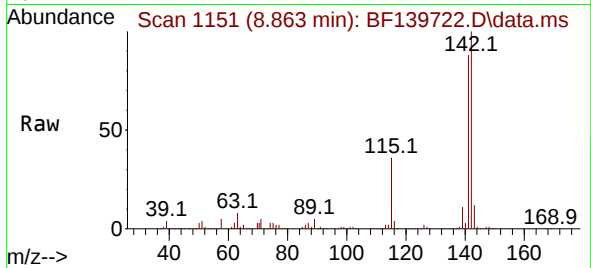
Tgt Ion:107 Resp: 243115
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.6
142 75.4 59.2 88.8





#37
2-Methylnaphthalene
Concen: 46.743 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

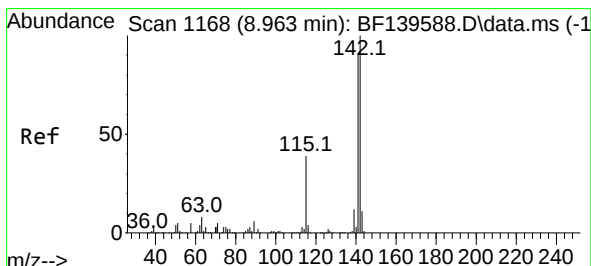
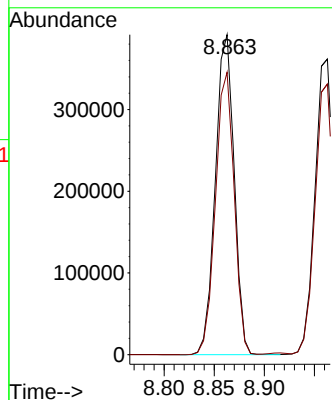
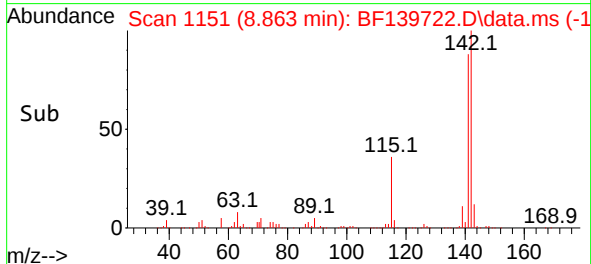
Instrument :
BNA_F
ClientSampleId :
1B-3MS



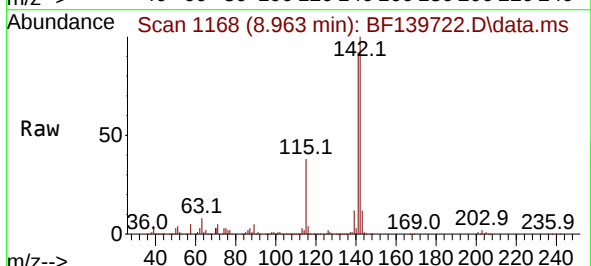
Tgt Ion:142 Resp: 509634
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6

Manual Integrations
APPROVED

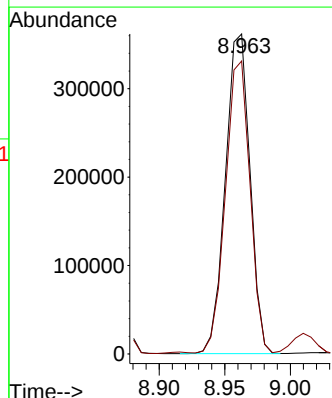
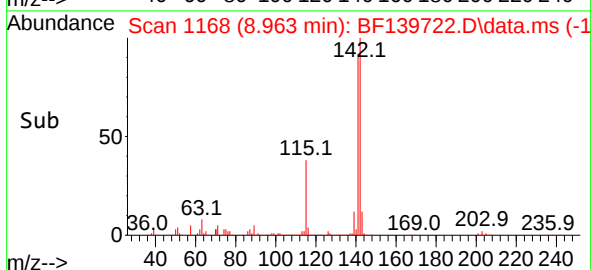
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

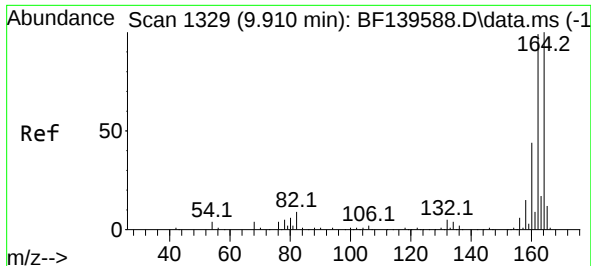


#38
1-Methylnaphthalene
Concen: 44.320 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



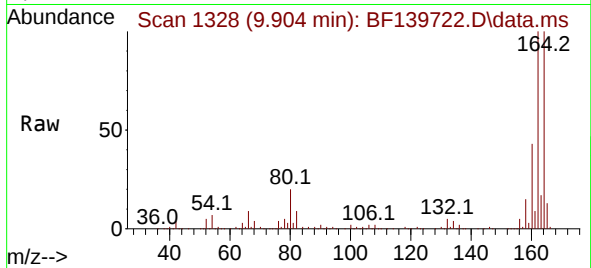
Tgt Ion:142 Resp: 472336
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11328
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

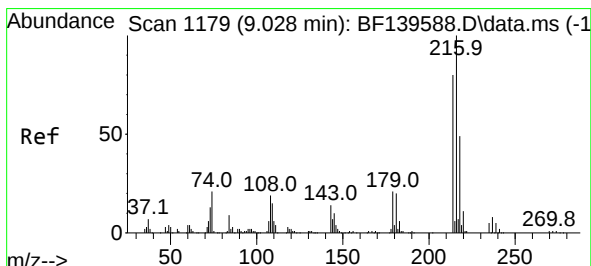
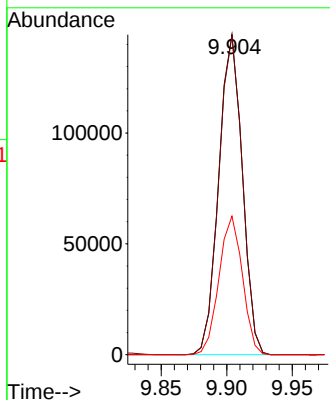
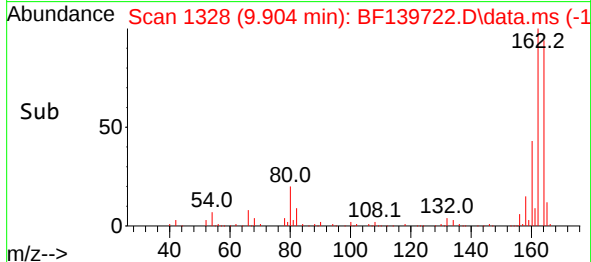
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion:164 Resp: 180062
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 43.3 35.1 52.7

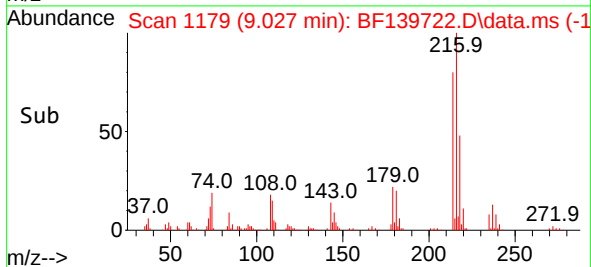
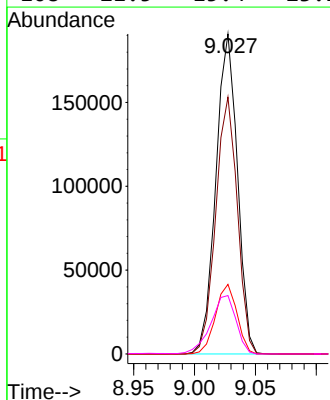
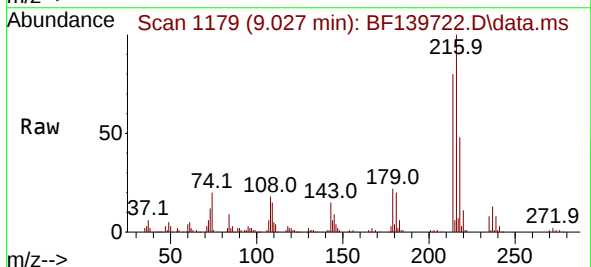
Manual Integrations
APPROVED

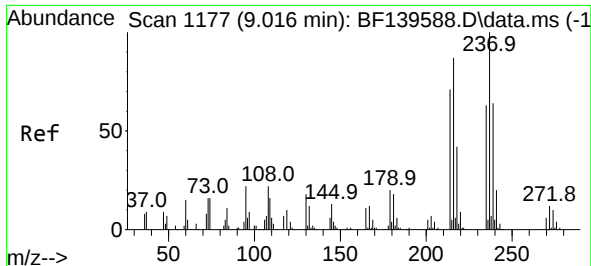
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.053 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion:216 Resp: 235267
Ion Ratio Lower Upper
216 100
214 80.3 63.7 95.5
179 21.7 16.9 25.3
108 21.5 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 157.246 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

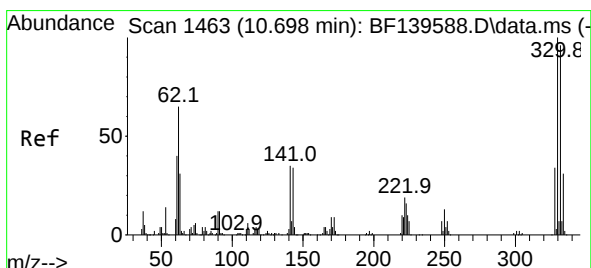
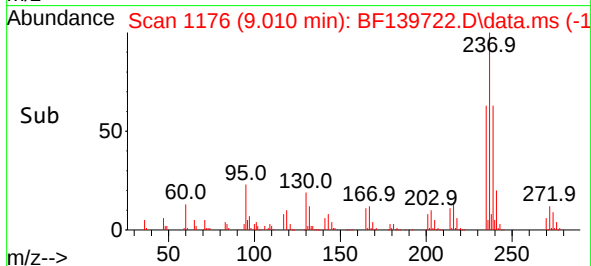
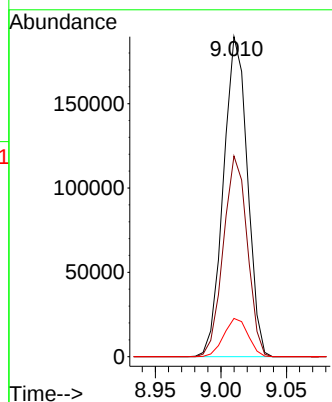
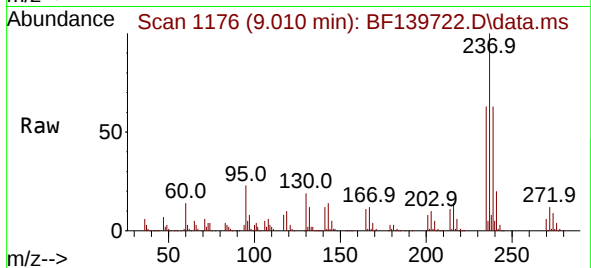
1B-3MS

Tgt Ion:237 Resp: 241082
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 12.0 0.0 32.1

Manual Integrations

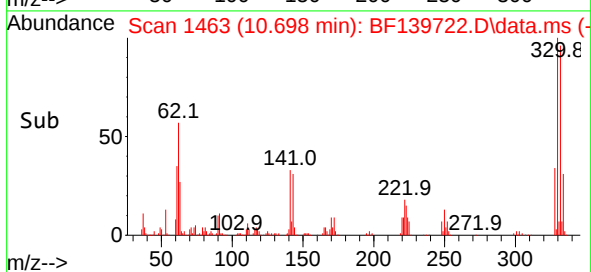
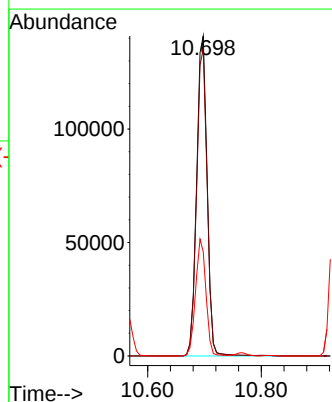
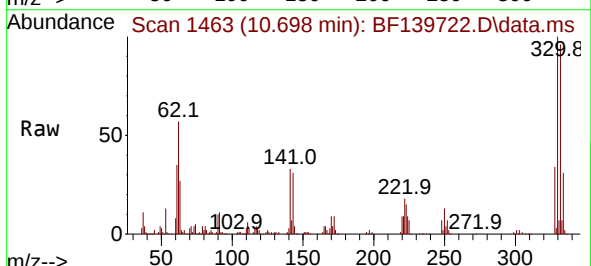
APPROVED

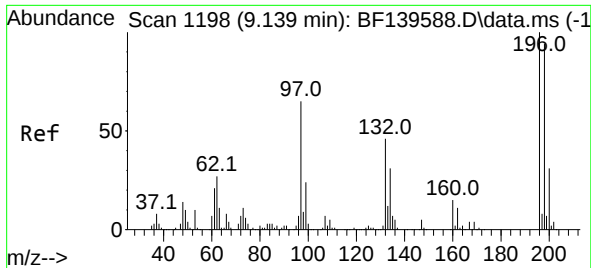
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#42
2,4,6-Tribromophenol
Concen: 104.776 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

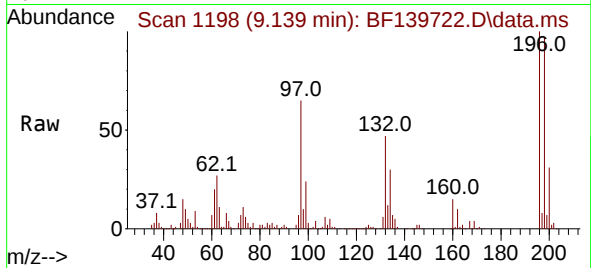
Tgt Ion:330 Resp: 182123
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 36.0 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 47.965 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

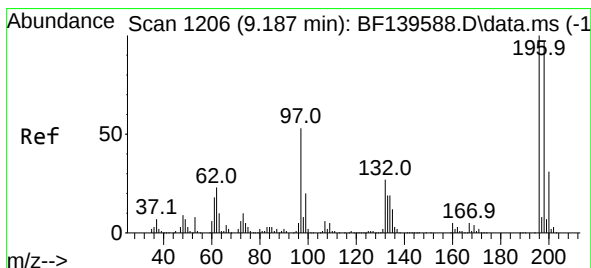
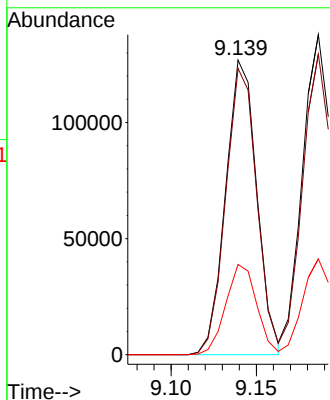
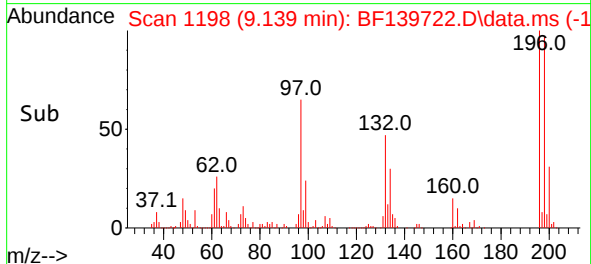
Instrument :
BNA_F
ClientSampleId :
1B-3MS



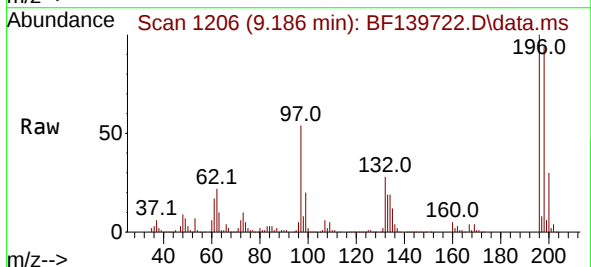
Tgt Ion:196 Resp: 161674
Ion Ratio Lower Upper
196 100
198 97.2 75.2 112.8
200 30.6 24.6 37.0

Manual Integrations
APPROVED

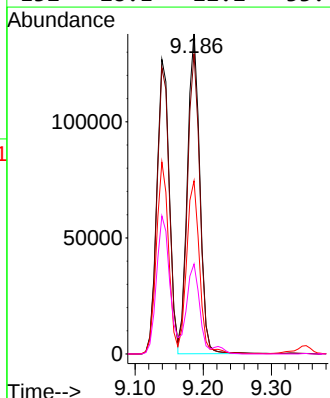
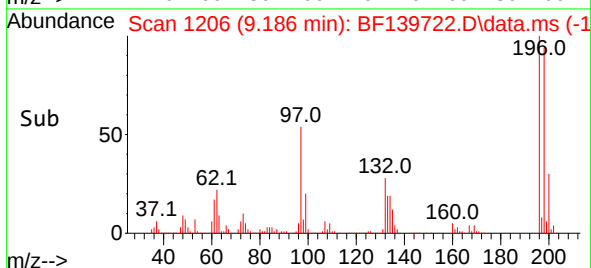
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#44
2,4,5-Trichlorophenol
Concen: 47.527 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:196 Resp: 172763
Ion Ratio Lower Upper
196 100
198 93.9 77.5 116.3
97 54.1 43.1 64.7
132 28.1 22.2 33.4





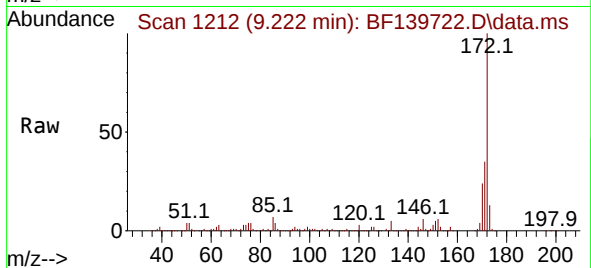
#45
2-Fluorobiphenyl
Concen: 71.785 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

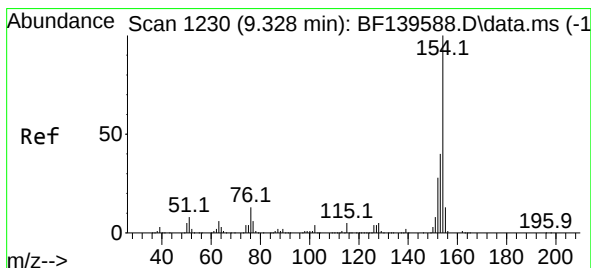
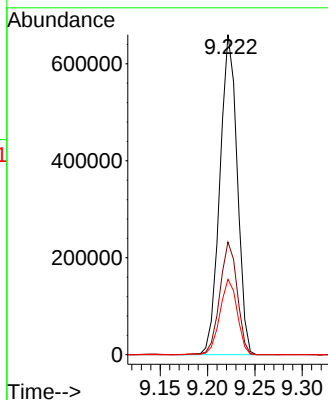
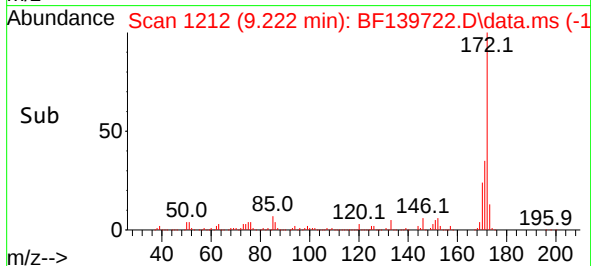


Tgt Ion:172 Resp: 84196
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.6 18.8 28.2

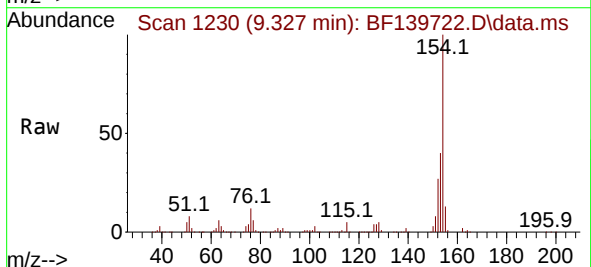
Manual Integrations

APPROVED

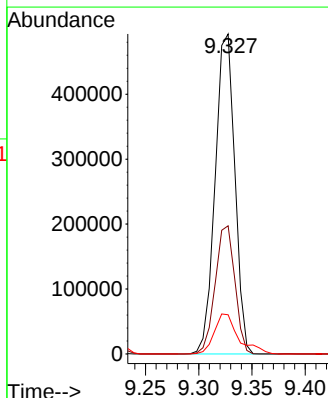
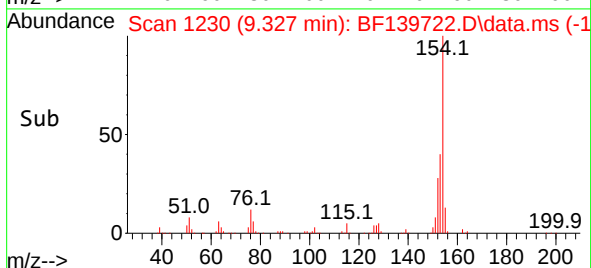
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#46
1,1'-Biphenyl
Concen: 47.145 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:154 Resp: 631382
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.3 0.0 32.6





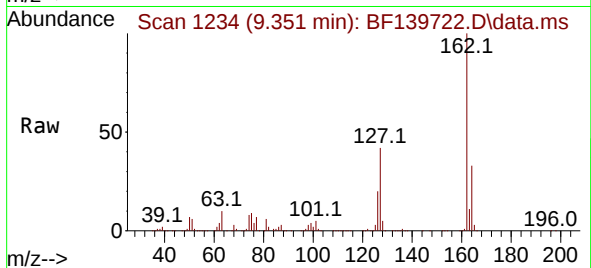
#47
2-Chloronaphthalene
Concen: 47.206 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS



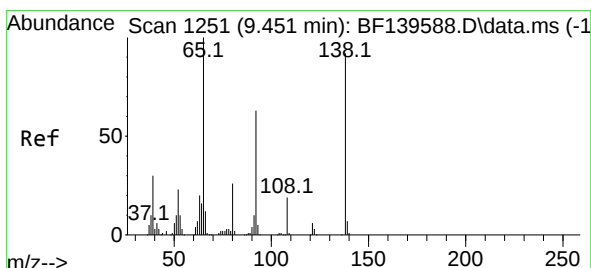
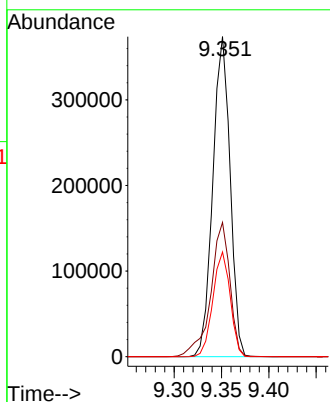
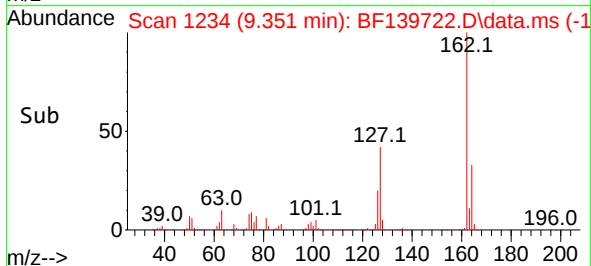
Tgt Ion:162 Resp: 473944
Ion Ratio Lower Upper
162 100
127 42.0 35.0 52.4
164 32.7 26.1 39.1

Manual Integrations

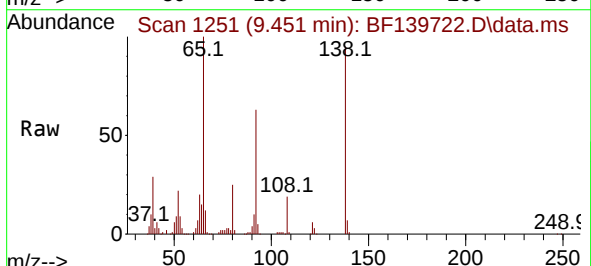
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

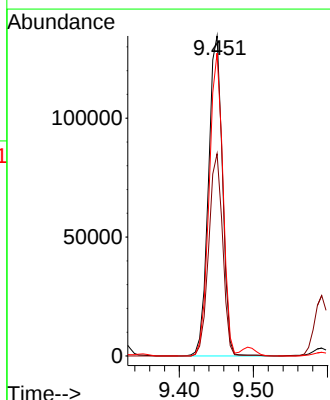
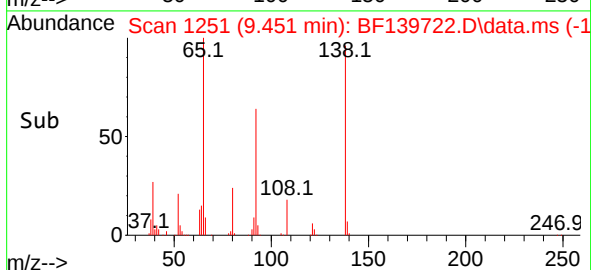
Supervised By :mohammad ahmed 10/10/2024



#48
2-Nitroaniline
Concen: 49.099 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion: 65 Resp: 176955
Ion Ratio Lower Upper
65 100
92 63.2 50.0 75.0
138 94.6 73.8 110.8





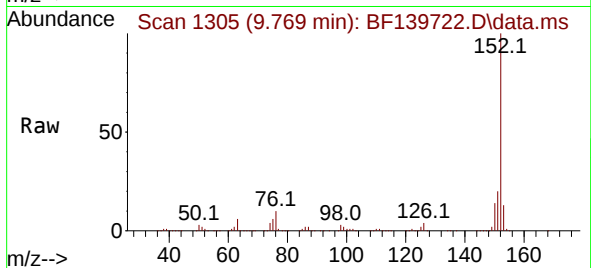
#49
Acenaphthylene
Concen: 50.711 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS



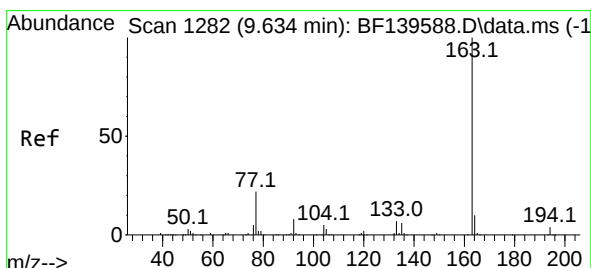
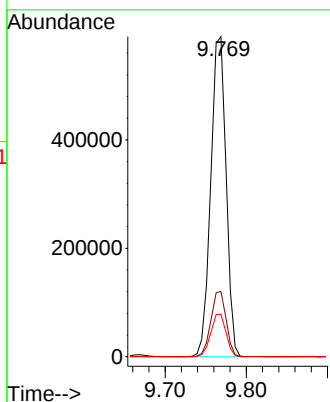
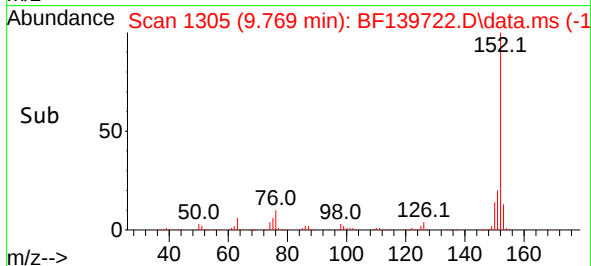
Tgt Ion:152 Resp: 77428
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.3 10.5 15.7

Manual Integrations

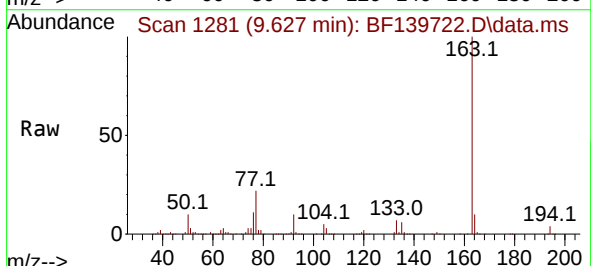
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

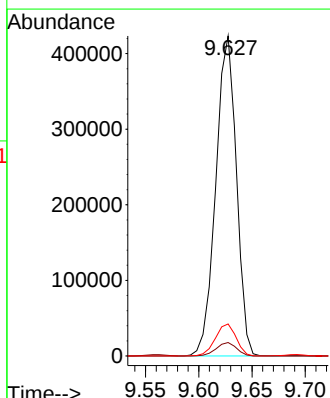
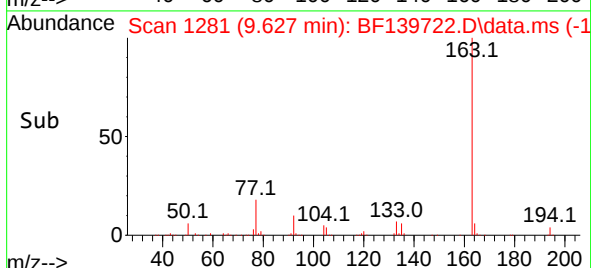
Supervised By :mohammad ahmed 10/10/2024

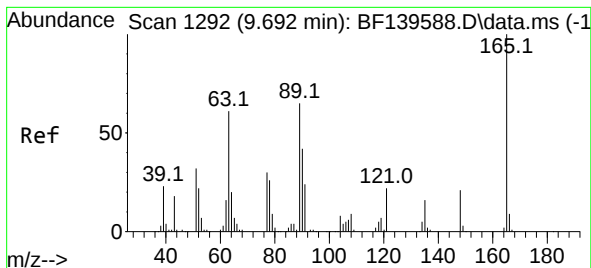


#50
Dimethylphthalate
Concen: 48.258 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:163 Resp: 568816
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.1 12.1





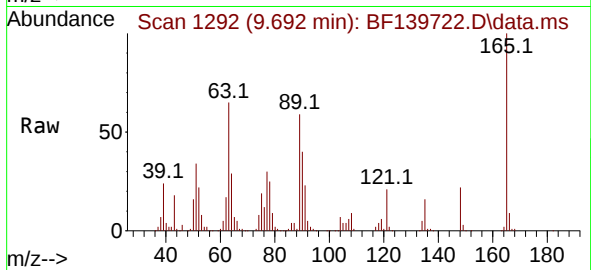
#51
2,6-Dinitrotoluene
Concen: 46.543 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS



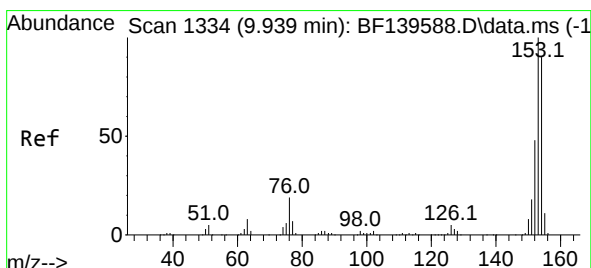
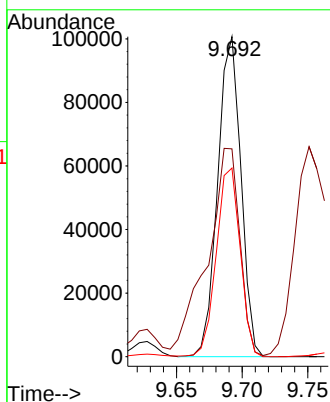
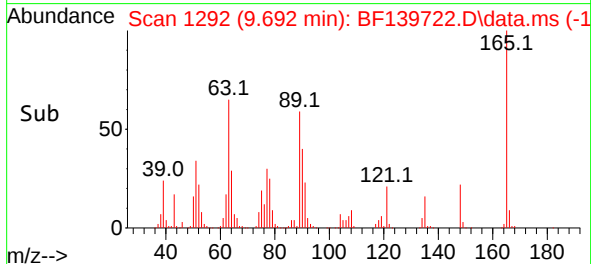
Tgt Ion:165 Resp: 123928
Ion Ratio Lower Upper
165 100
63 64.9 56.7 85.1
89 59.0 51.6 77.4

Manual Integrations

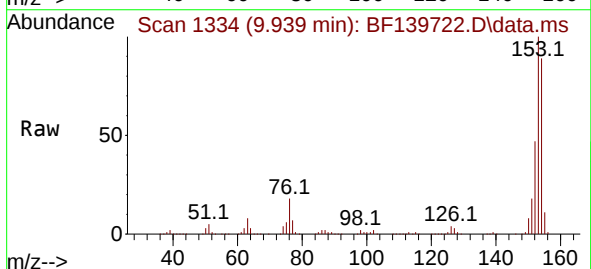
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

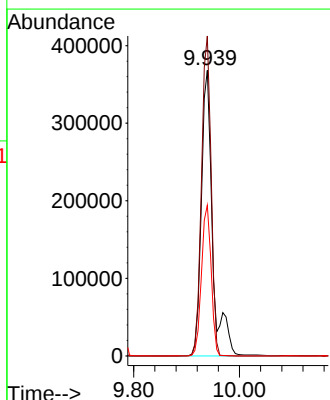
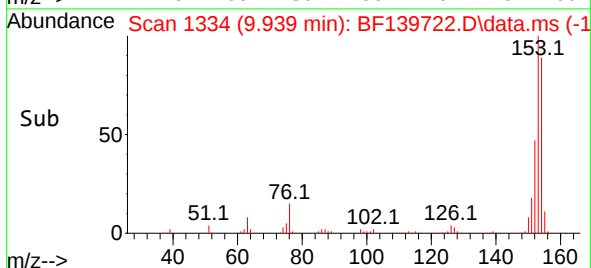
Supervised By :mohammad ahmed 10/10/2024

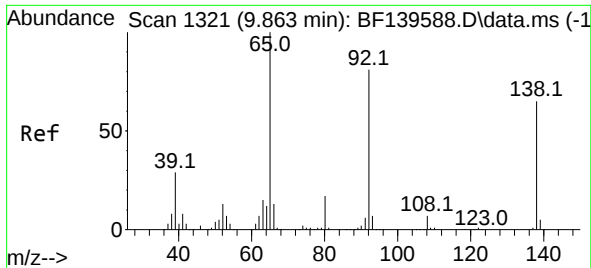


#52
Acenaphthene
Concen: 51.747 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



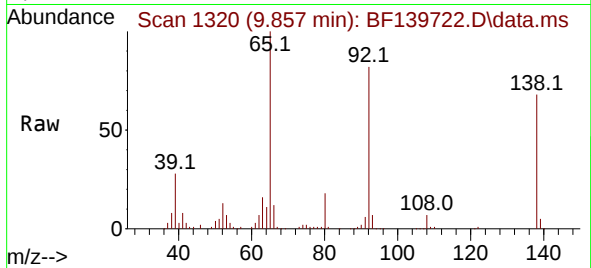
Tgt Ion:154 Resp: 542407
Ion Ratio Lower Upper
154 100
153 112.0 88.8 133.2
152 52.8 42.5 63.7





#53
3-Nitroaniline
Concen: 24.454 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

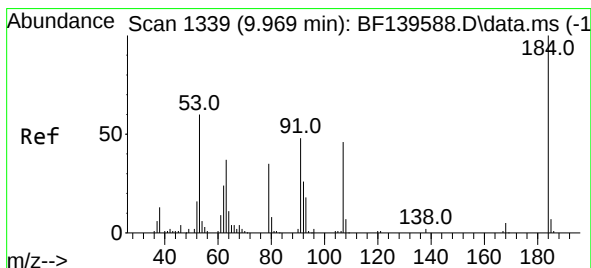
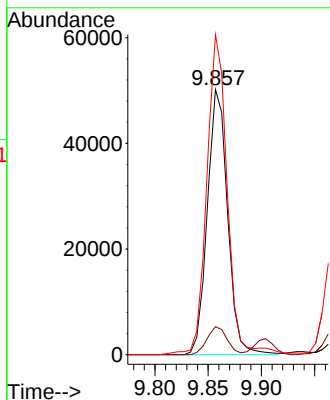
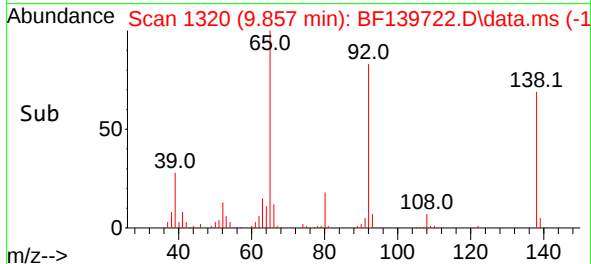
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion:138 Resp: 66540
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 120.7 100.0 150.0

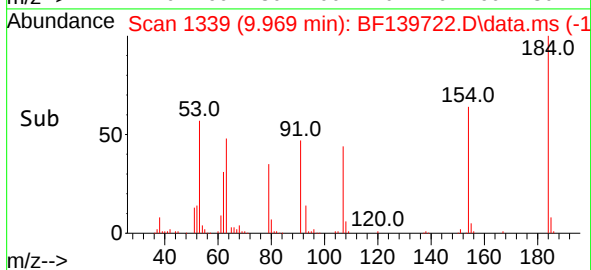
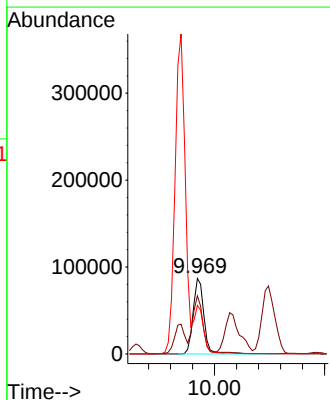
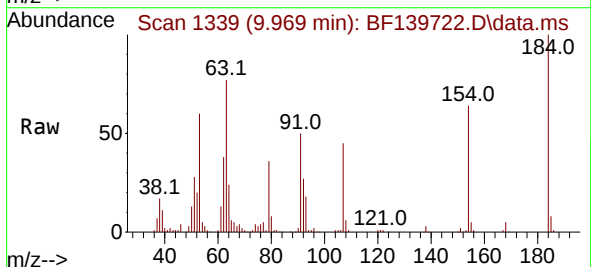
Manual Integrations
APPROVED

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



#54
2,4-Dinitrophenol
Concen: 84.331 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

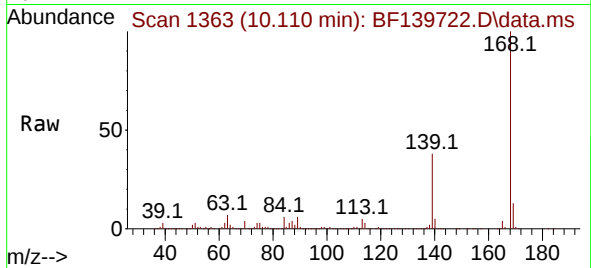
Tgt Ion:184 Resp: 120773
Ion Ratio Lower Upper
184 100
63 77.0 61.7 92.5
154 64.3 53.0 79.4





#55
Dibenzenofuran
Concen: 48.751 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

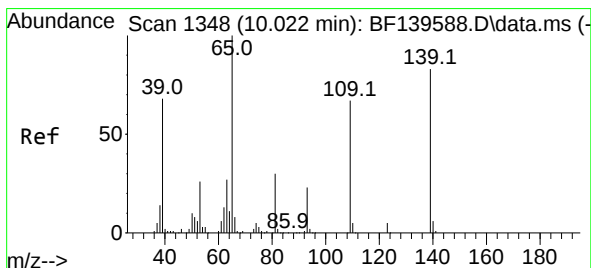
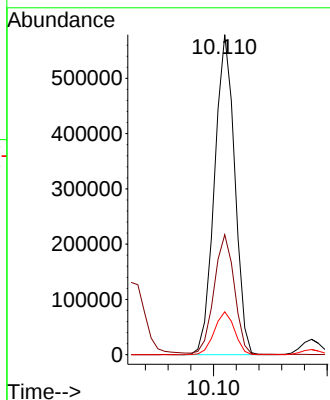
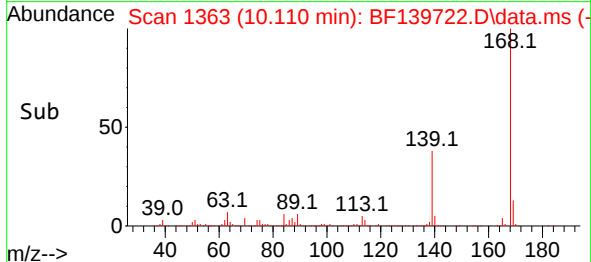
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion:168 Resp: 715470
Ion Ratio Lower Upper
168 100
139 37.5 30.4 45.6
169 13.4 10.7 16.1

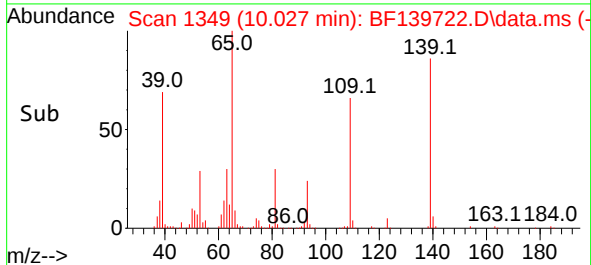
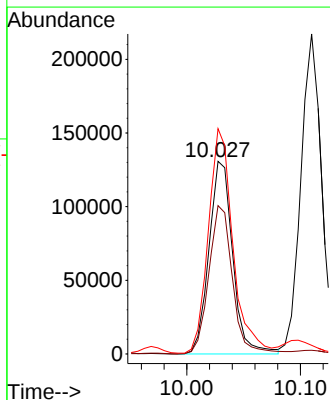
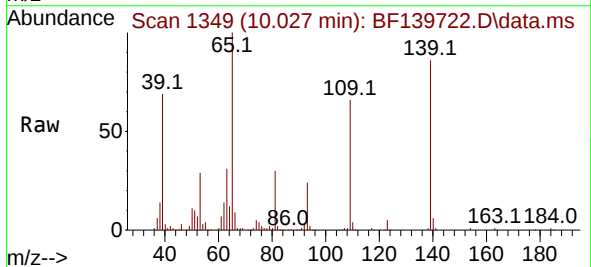
Manual Integrations
APPROVED

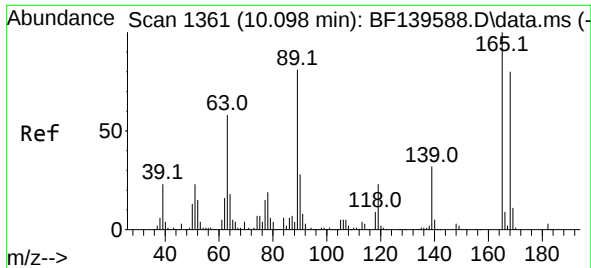
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#56
4-Nitrophenol
Concen: 91.701 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion:139 Resp: 190279
Ion Ratio Lower Upper
139 100
109 77.0 60.3 100.3
65 116.9 100.8 140.8





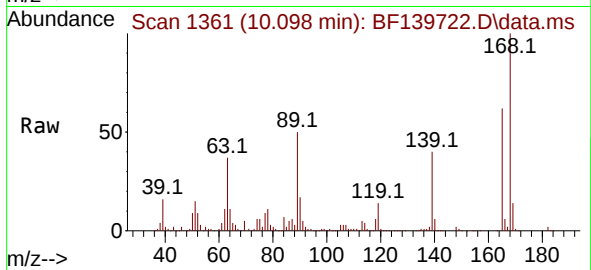
#57
2,4-Dinitrotoluene
Concen: 48.310 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS



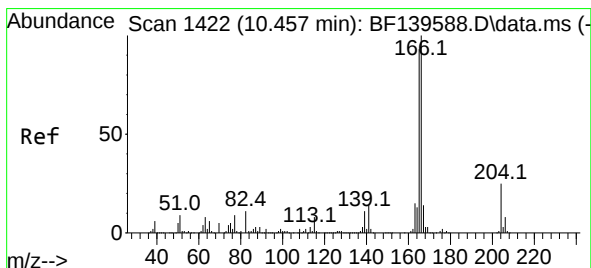
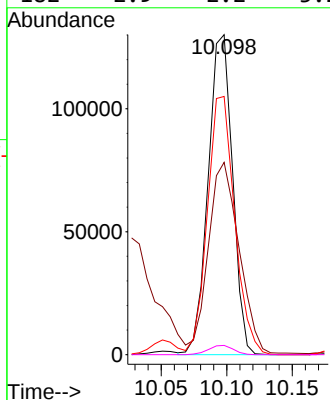
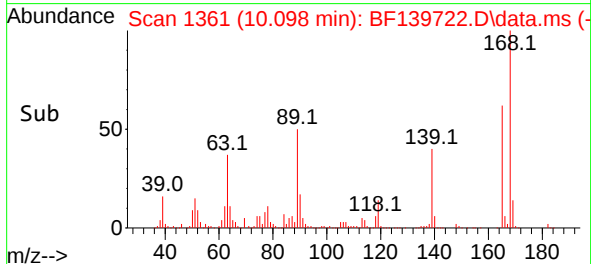
Tgt Ion:165 Resp: 16813
Ion Ratio Lower Upper
165 100
63 60.1 46.9 70.3
89 80.7 64.4 96.6
182 2.9 2.2 3.2

Manual Integrations

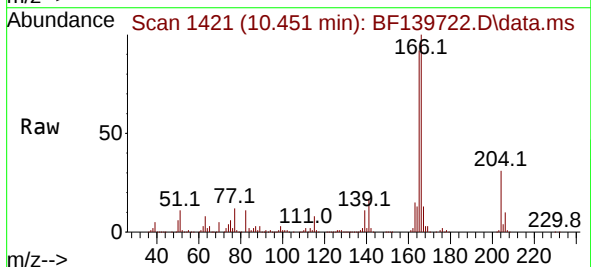
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

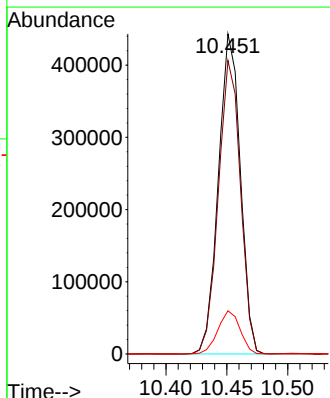
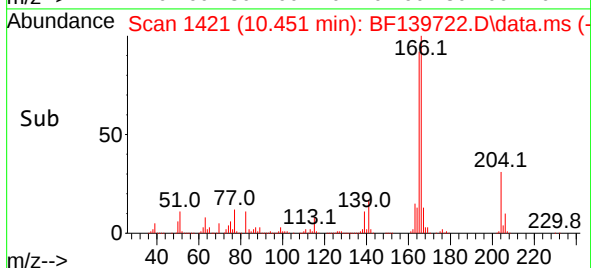
Supervised By :mohammad ahmed 10/10/2024



#58
Fluorene
Concen: 47.571 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



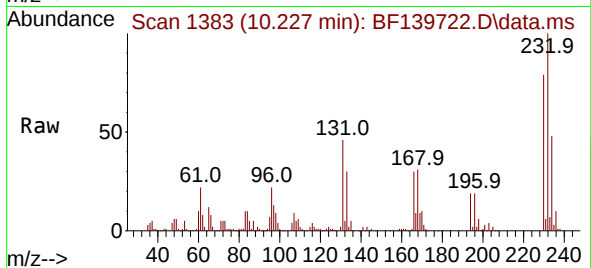
Tgt Ion:166 Resp: 556070
Ion Ratio Lower Upper
166 100
165 91.7 74.4 111.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.692 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

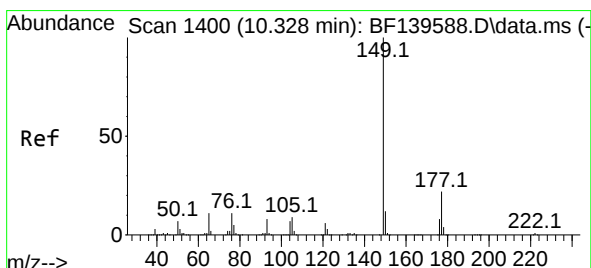
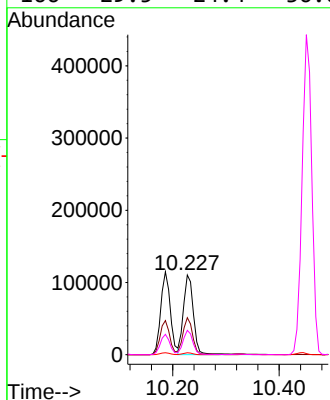
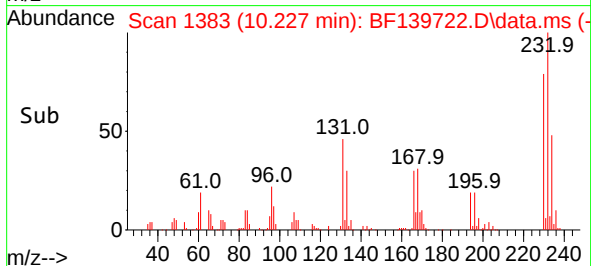
Instrument :
BNA_F
ClientSampleId :
1B-3MS



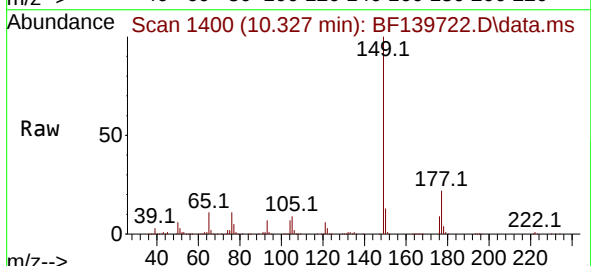
Tgt Ion:232 Resp: 142951
Ion Ratio Lower Upper
232 100
131 45.7 37.8 56.6
130 2.3 1.9 2.9
166 29.5 24.4 36.6

Manual Integrations
APPROVED

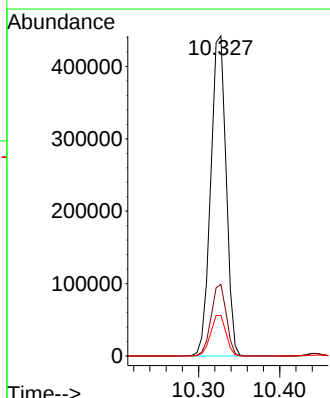
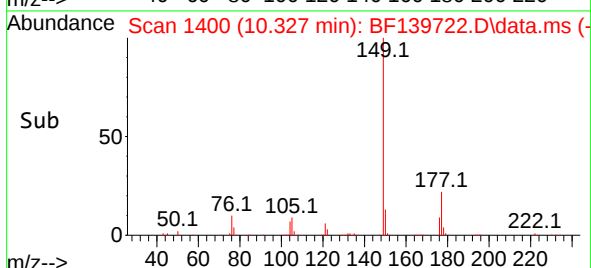
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

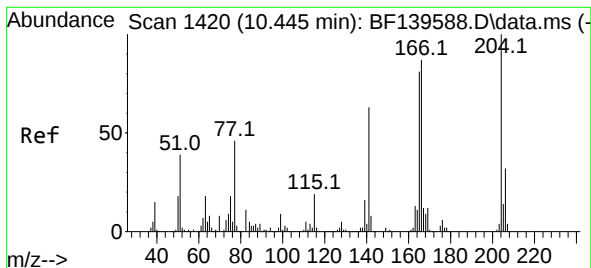


#60
Diethylphthalate
Concen: 47.874 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



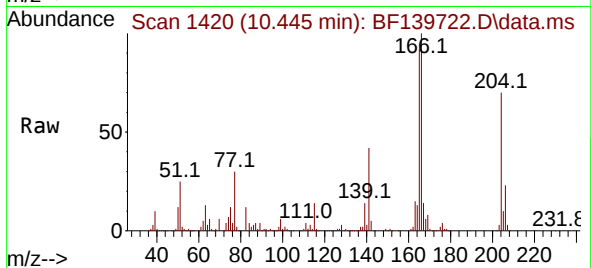
Tgt Ion:149 Resp: 582853
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.823 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

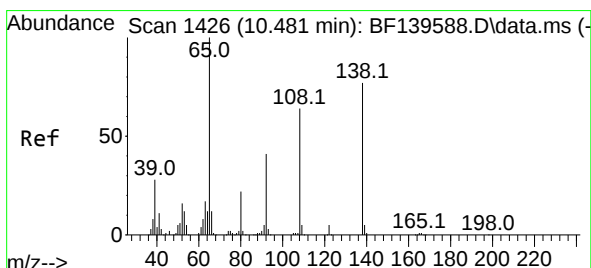
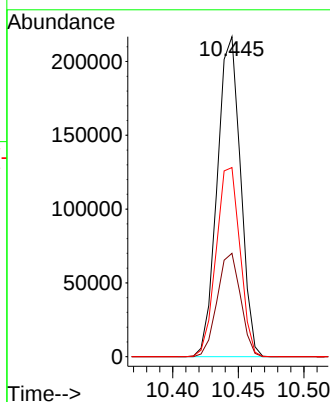
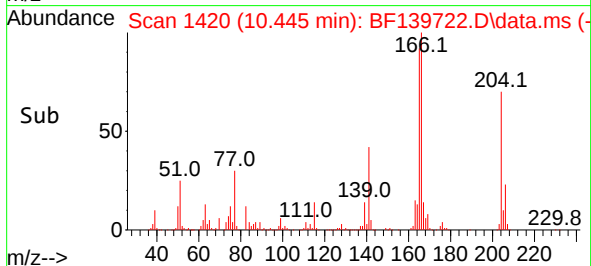
Instrument :
BNA_F
ClientSampleId :
1B-3MS



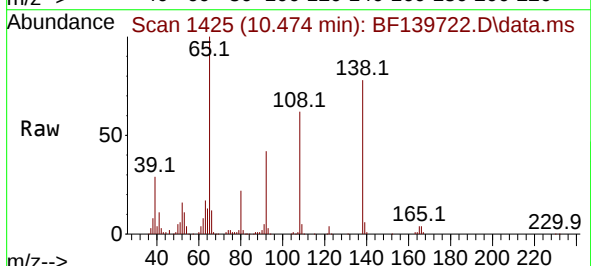
Tgt Ion:204 Resp: 267970
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 59.1 50.5 75.7

Manual Integrations
APPROVED

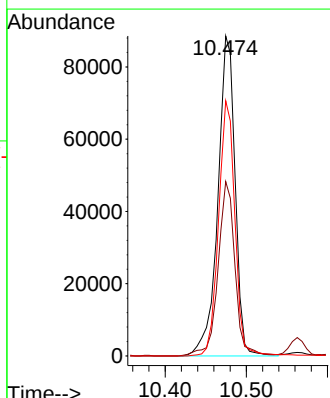
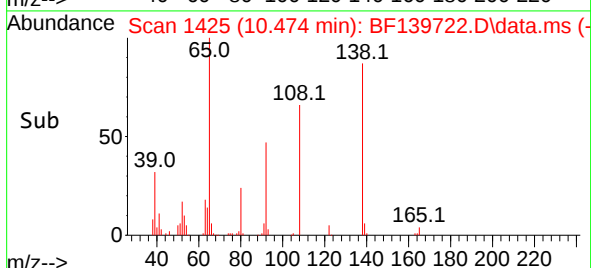
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

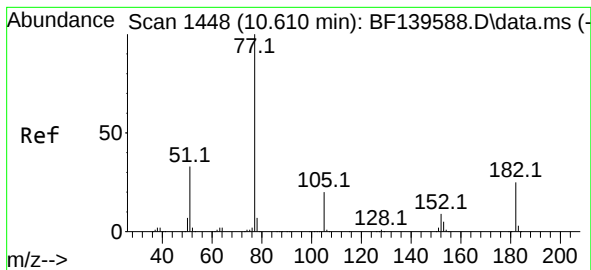


#62
4-Nitroaniline
Concen: 47.146 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:138 Resp: 131218
Ion Ratio Lower Upper
138 100
92 54.5 33.3 73.3
108 79.7 62.1 102.1





#63

Azobenzene

Concen: 56.765 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

Tgt Ion: 77 Resp: 69500

Ion Ratio Lower Upper

77 100

182 25.0 4.2 44.2

105 24.2 0.0 39.6

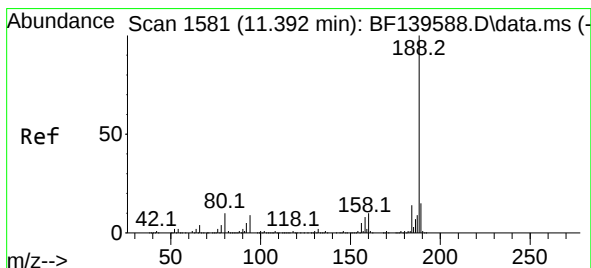
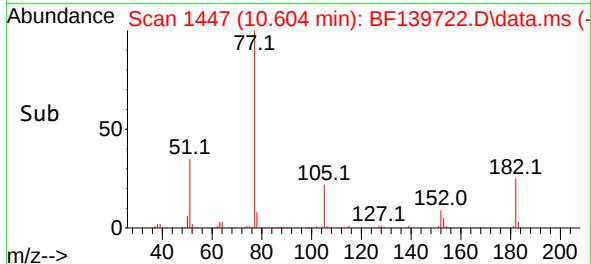
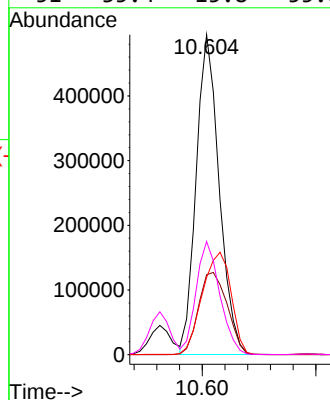
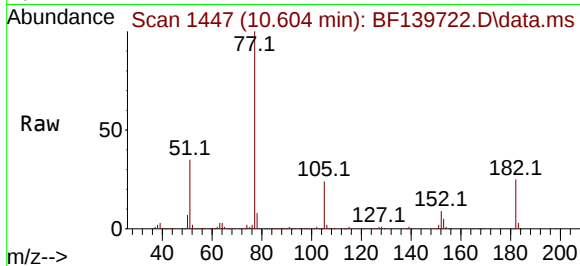
51 35.4 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

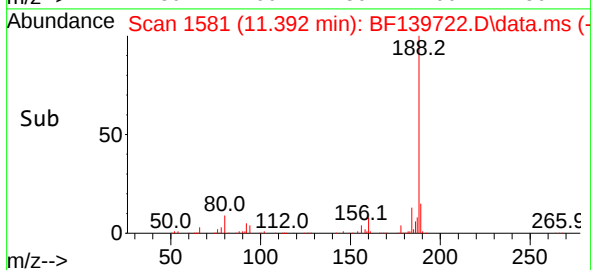
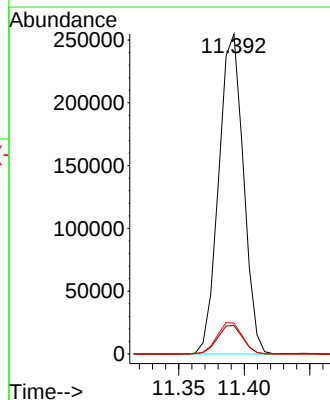
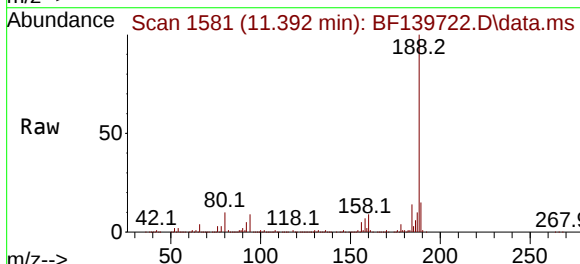
Tgt Ion:188 Resp: 333201

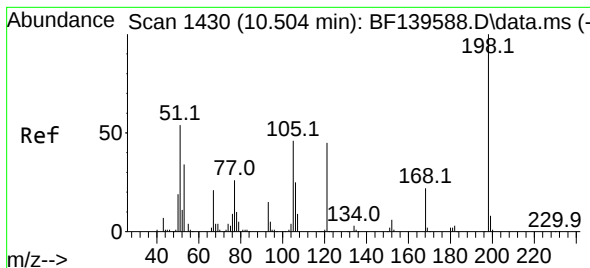
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

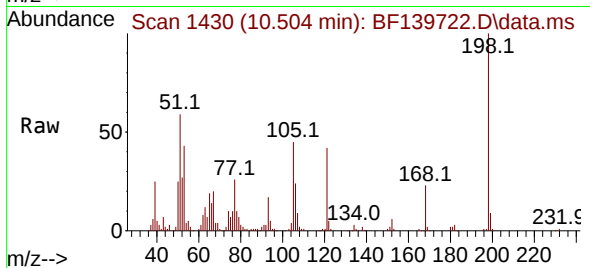
80 9.7 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 46.340 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

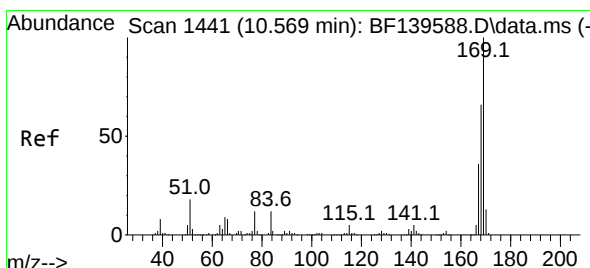
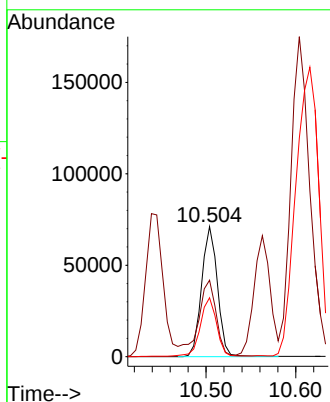
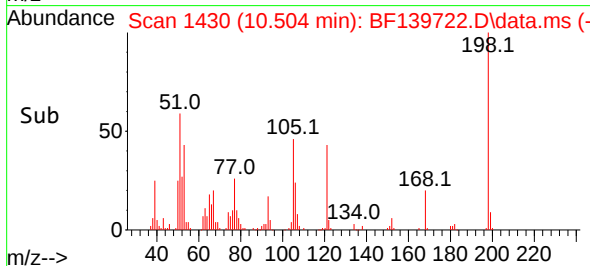
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion:198 Resp: 87200
Ion Ratio Lower Upper
198 100
51 58.7 43.0 83.0
105 45.3 26.6 66.6

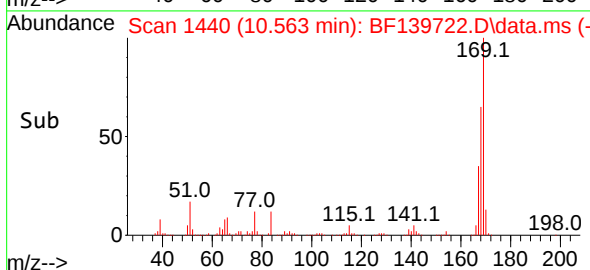
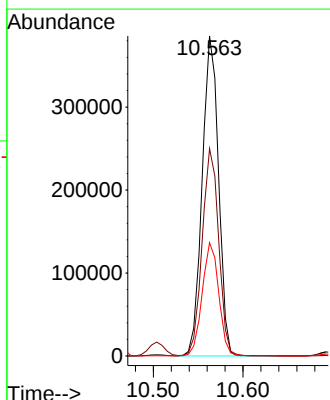
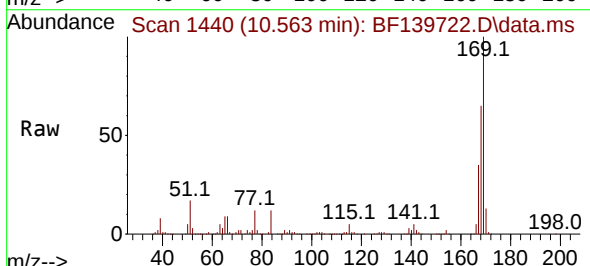
Manual Integrations
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 49.646 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

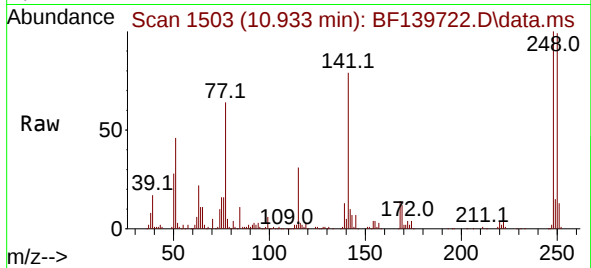
Tgt Ion:169 Resp: 487604
Ion Ratio Lower Upper
169 100
168 64.8 53.2 79.8
167 35.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.772 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

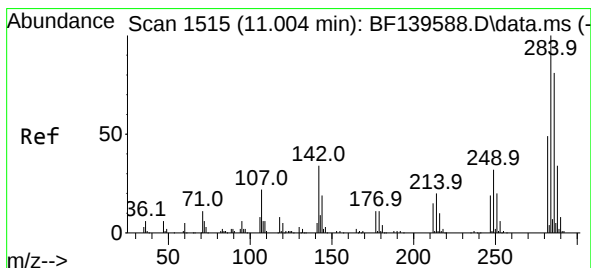
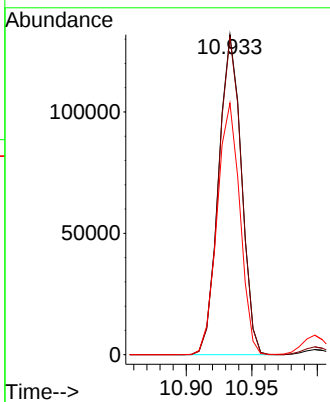
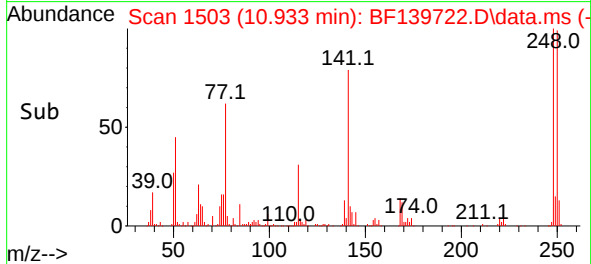
Instrument :
BNA_F
ClientSampleId :
1B-3MS



Tgt Ion:248 Resp: 159790
Ion Ratio Lower Upper
248 100
250 99.2 77.1 115.7
141 78.6 60.4 90.6

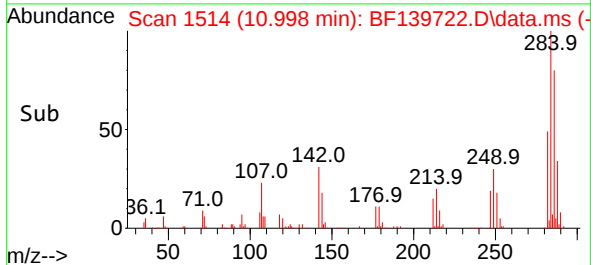
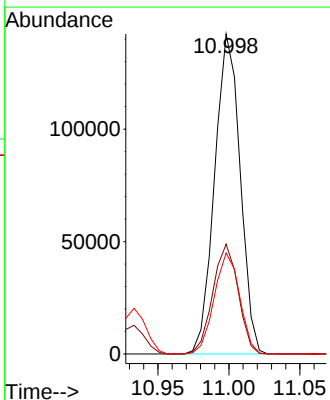
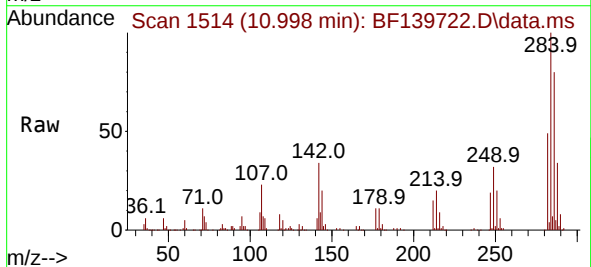
Manual Integrations
APPROVED

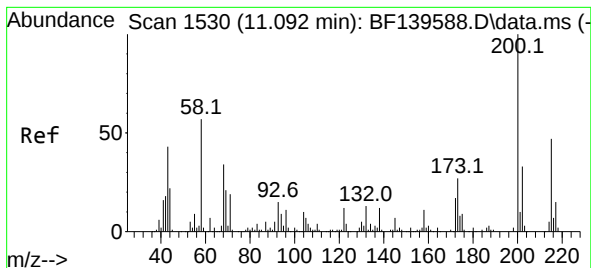
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#68
Hexachlorobenzene
Concen: 46.843 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion:284 Resp: 177578
Ion Ratio Lower Upper
284 100
142 34.3 26.9 40.3
249 31.5 25.4 38.0





#69

Atrazine

Concen: 59.476 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

Tgt Ion:200 Resp: 15672

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

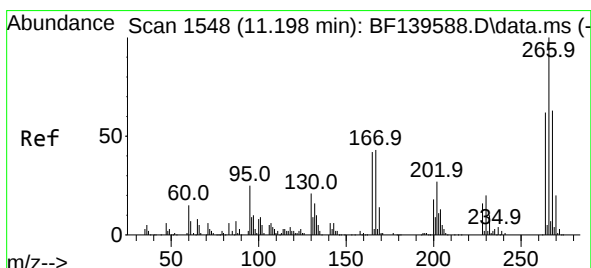
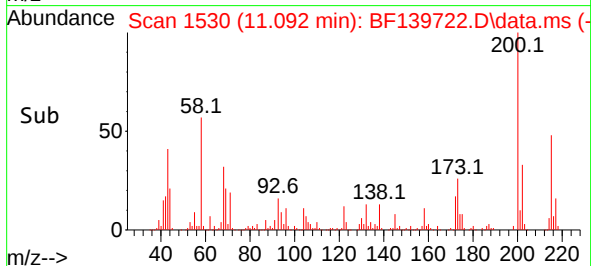
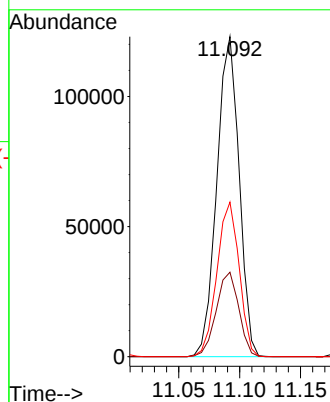
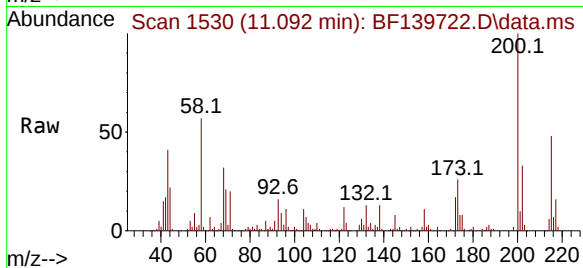
215 48.3 27.5 67.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#70

Pentachlorophenol

Concen: 81.326 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

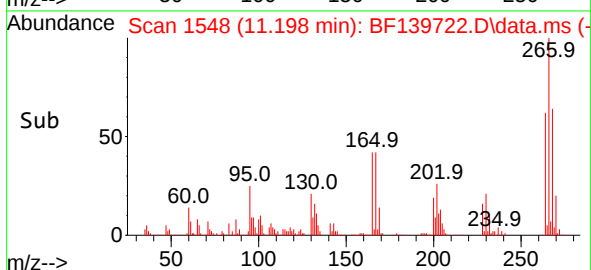
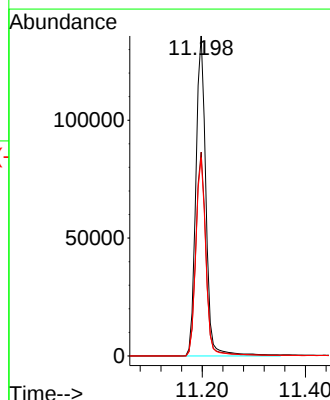
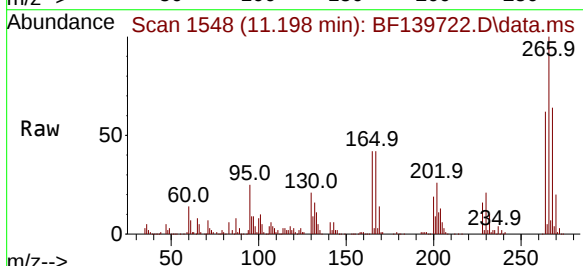
Tgt Ion:266 Resp: 183577

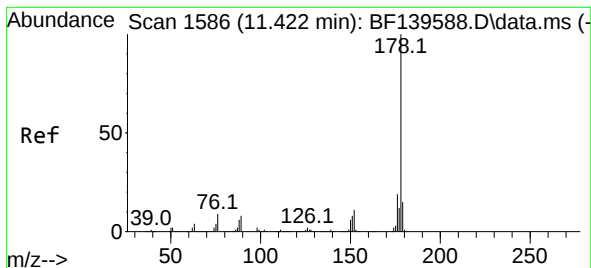
Ion Ratio Lower Upper

266 100

268 63.7 50.0 75.0

264 62.0 49.3 73.9





#71

Phenanthrene

Concen: 49.698 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

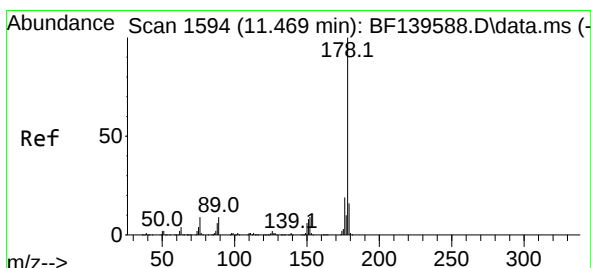
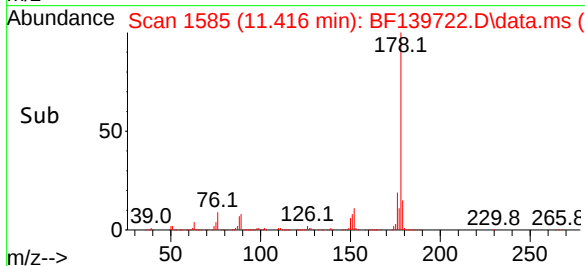
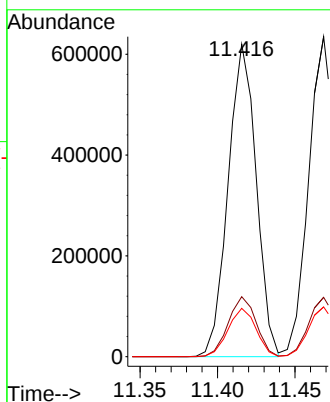
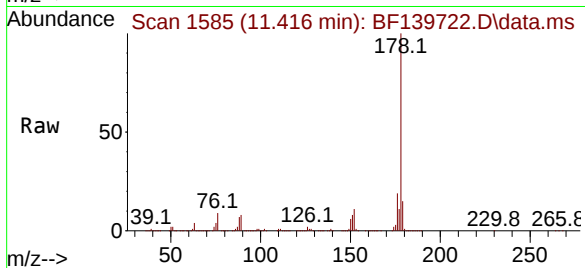
Tgt Ion:178	Resp: 78079
Ion Ratio	Lower Upper
178	100
176	19.2 15.5 23.3
179	15.5 12.3 18.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#72

Anthracene

Concen: 50.828 ng

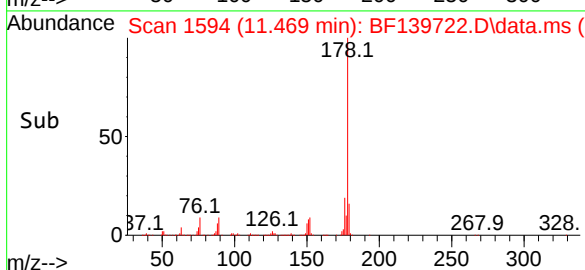
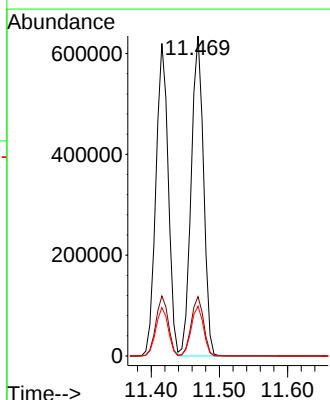
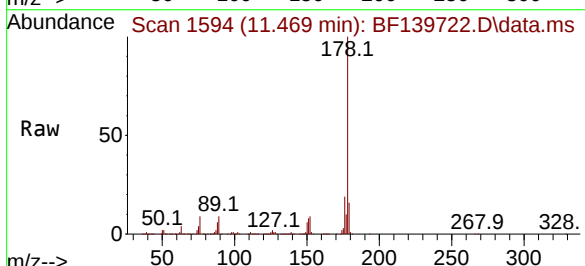
RT: 11.469 min Scan# 1594

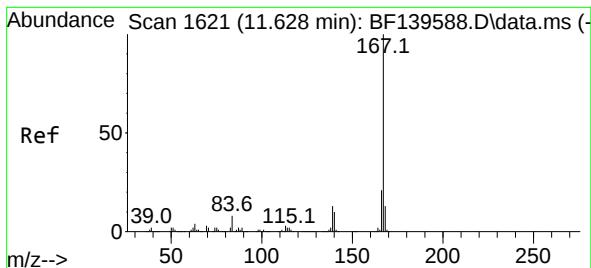
Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Tgt Ion:178	Resp: 789998
Ion Ratio	Lower Upper
178	100
176	18.6 15.1 22.7
179	15.6 12.5 18.7





#73

Carbazole

Concen: 48.284 ng

RT: 11.621 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

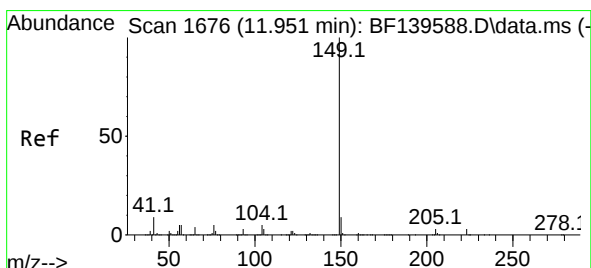
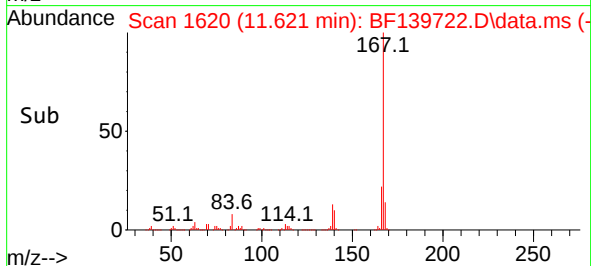
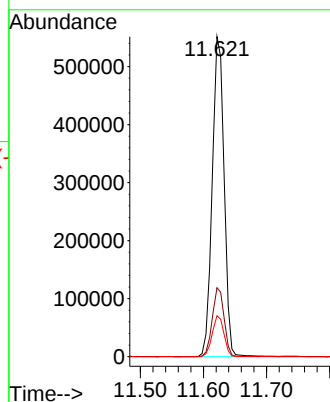
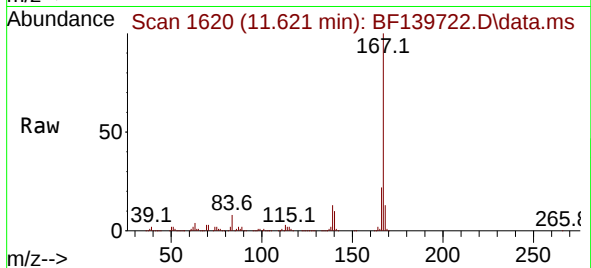
Tgt Ion:167	Resp: 72078
Ion Ratio	Lower Upper
167 100	
166 21.5	17.2 25.8
139 12.8	10.3 15.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#74

Di-n-butylphthalate

Concen: 49.594 ng

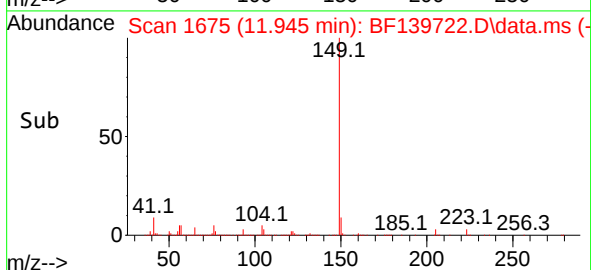
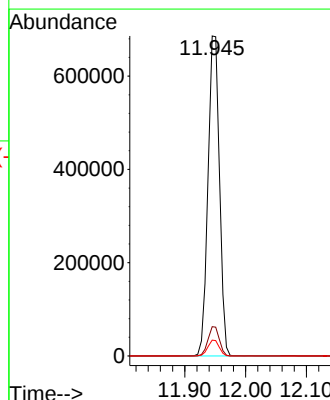
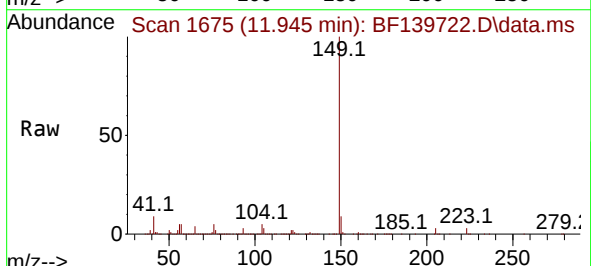
RT: 11.945 min Scan# 1675

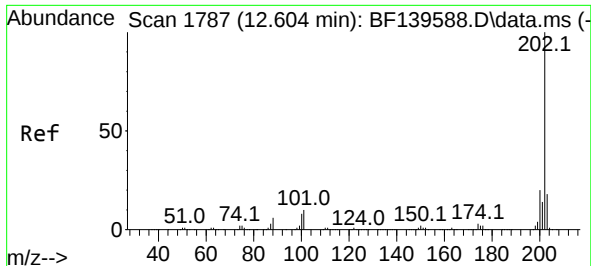
Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

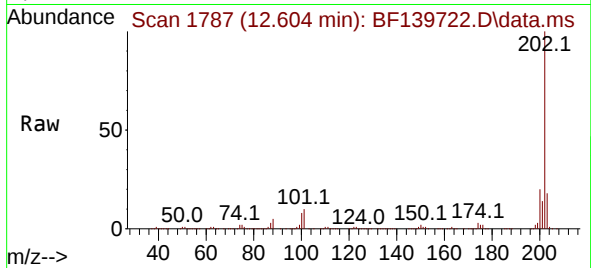
Tgt Ion:149	Resp: 900280
Ion Ratio	Lower Upper
149 100	
150 9.1	7.5 11.3
104 5.0	4.1 6.1





#75
Fluoranthene
Concen: 45.730 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

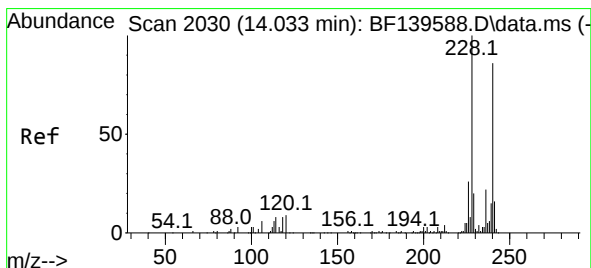
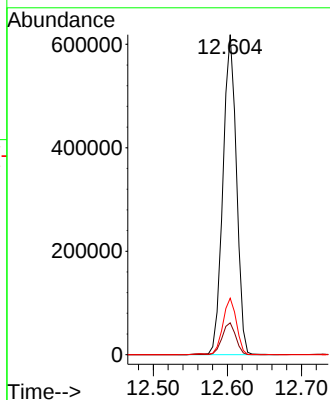
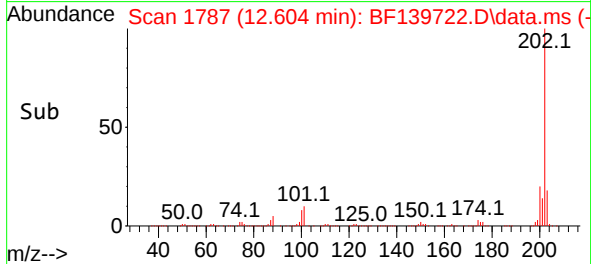
Instrument :
BNA_F
ClientSampleId :
1B-3MS



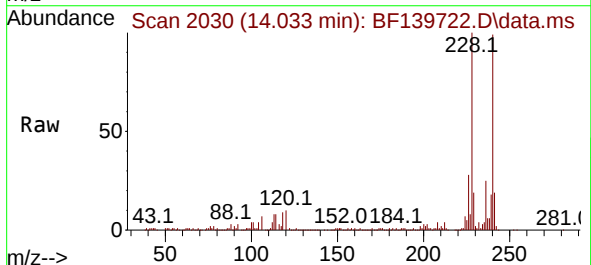
Tgt Ion:202 Resp: 78536
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.7 0.0 37.7

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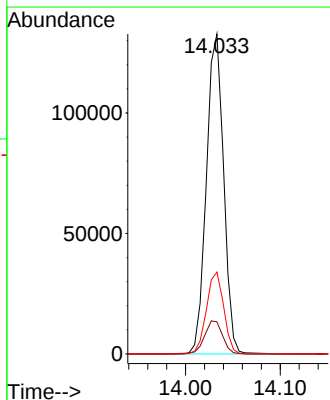
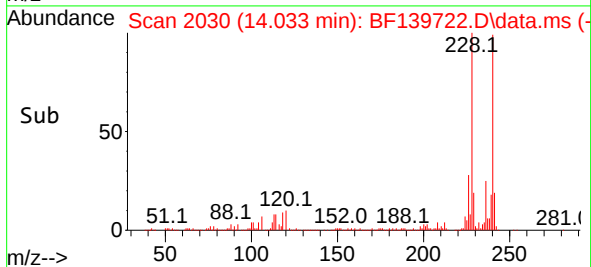
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

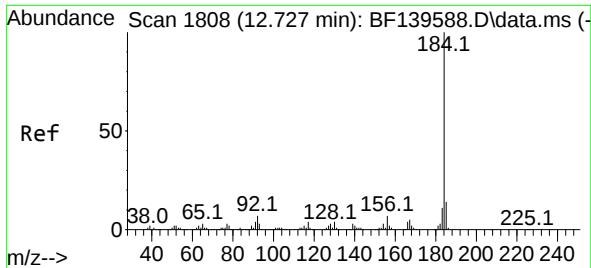


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:240 Resp: 167716
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.6 20.3 30.5





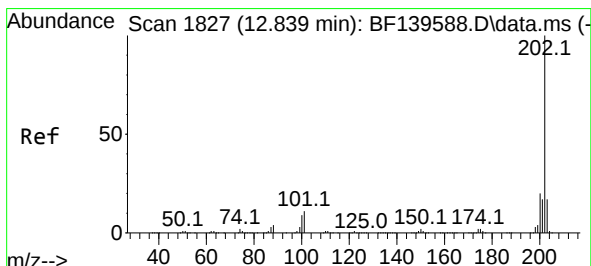
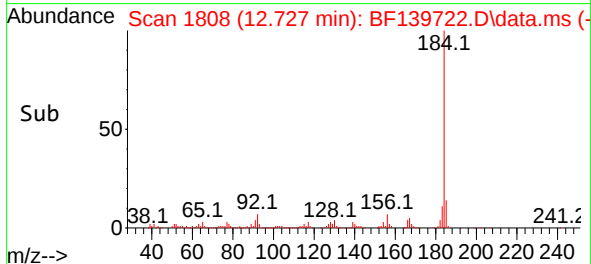
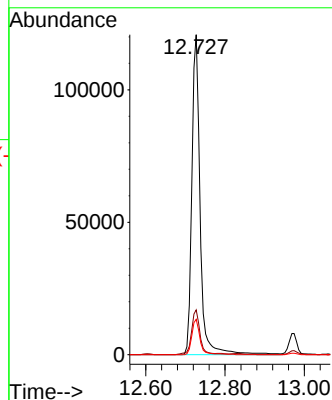
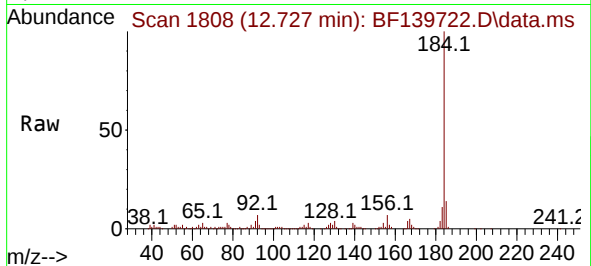
#77
Benzidine
Concen: 59.504 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-3MS

Tgt Ion:184 Resp: 176030
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.0 8.8 13.2

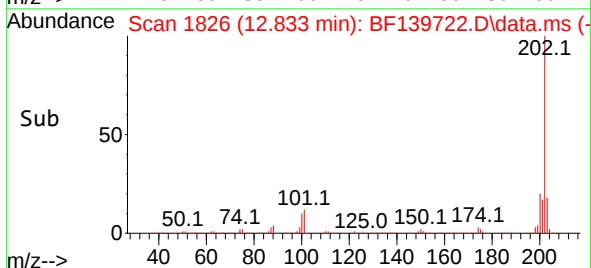
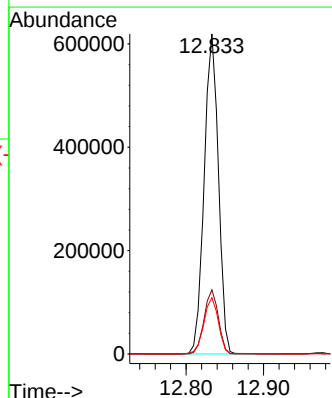
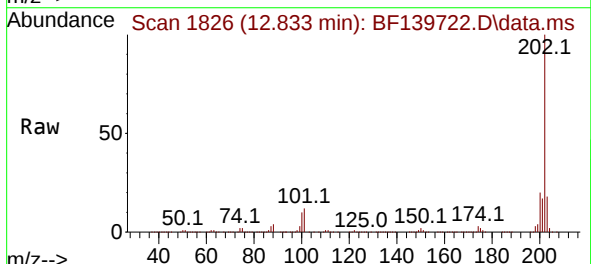
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 52.631 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Tgt Ion:202 Resp: 789480
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.6
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 75.977 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

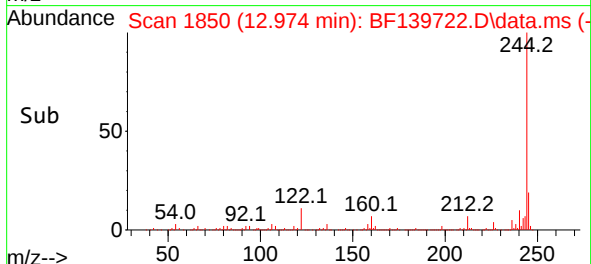
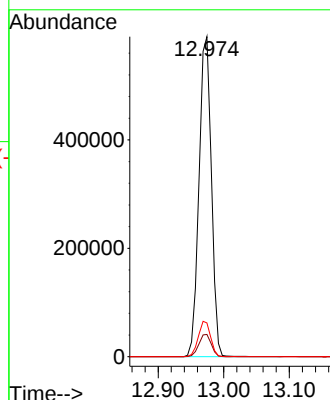
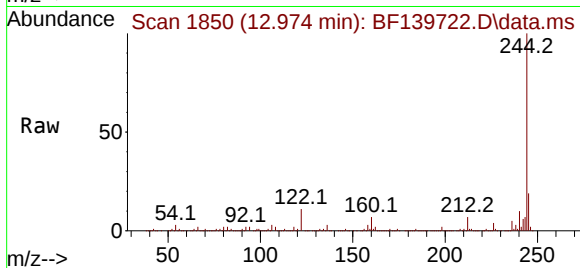
Tgt Ion:244 Resp: 776592
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#80

Butylbenzylphthalate

Concen: 56.267 ng

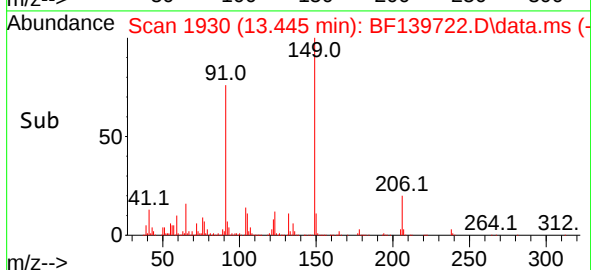
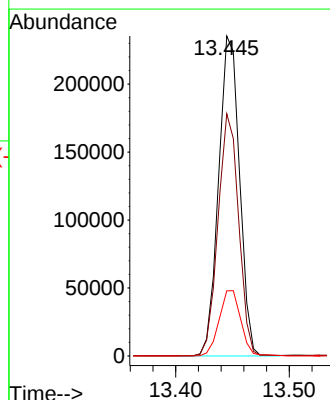
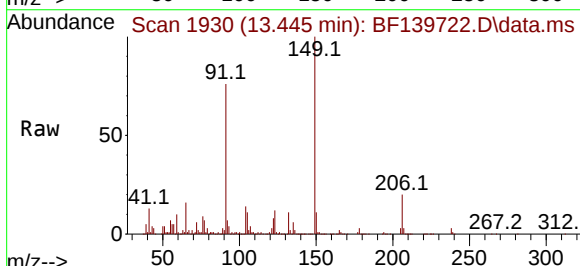
RT: 13.445 min Scan# 1930

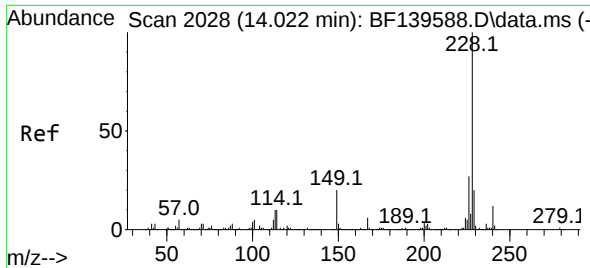
Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

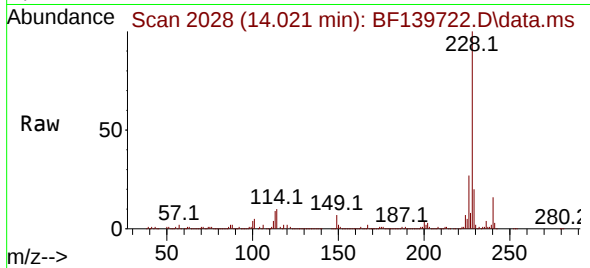
Tgt Ion:149 Resp: 301901
 Ion Ratio Lower Upper
 149 100
 91 75.7 61.0 91.4
 206 20.3 16.6 24.8





#81
Benzo(a)anthracene
Concen: 50.038 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

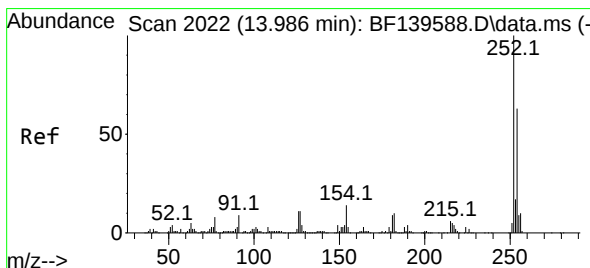
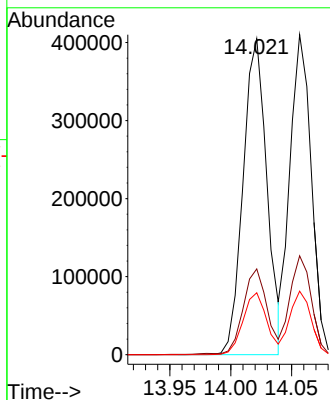
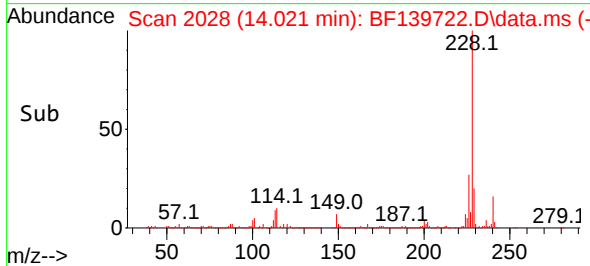
Instrument :
BNA_F
ClientSampleId :
1B-3MS



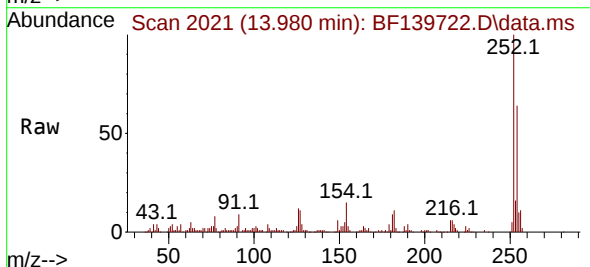
Tgt Ion:228 Resp: 55175
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 15.8 23.8

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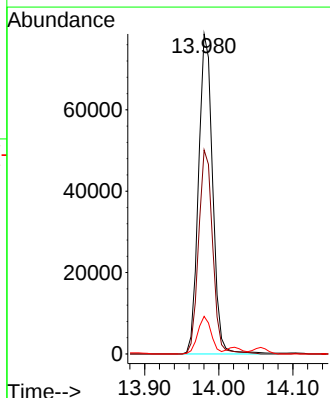
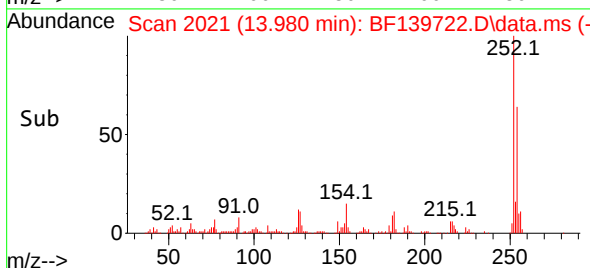
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

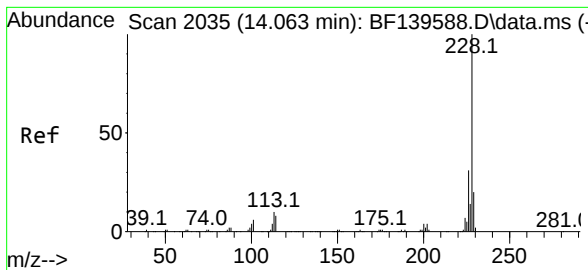


#82
3,3'-Dichlorobenzidine
Concen: 30.819 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:252 Resp: 104003
Ion Ratio Lower Upper
252 100
254 63.8 50.5 75.7
126 11.7 8.8 13.2





#83

Chrysene

Concen: 49.765 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

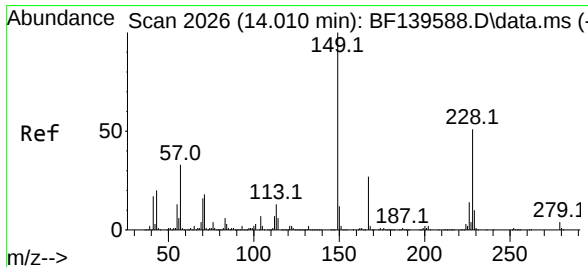
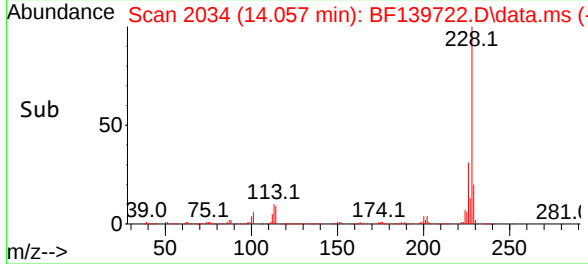
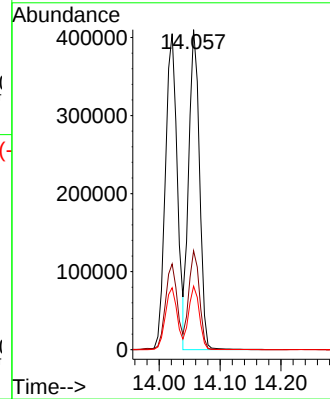
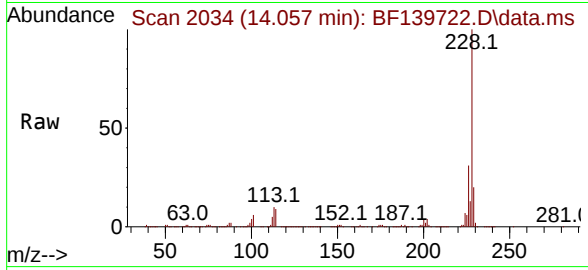
Tgt Ion:228	Resp: 50168
Ion Ratio	Lower Upper
228 100	
226 30.9	24.3 36.5
229 19.9	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.686 ng

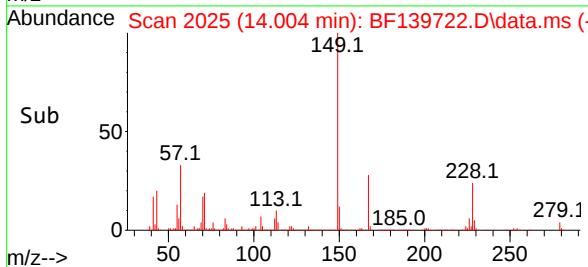
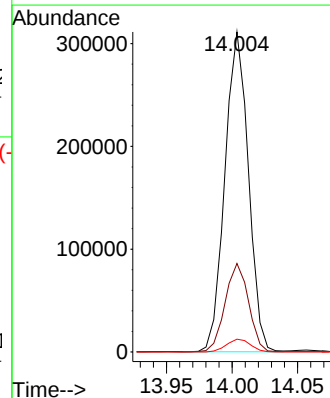
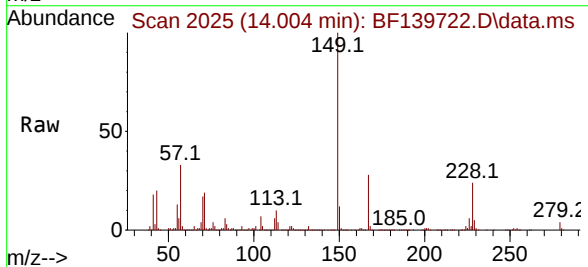
RT: 14.004 min Scan# 2025

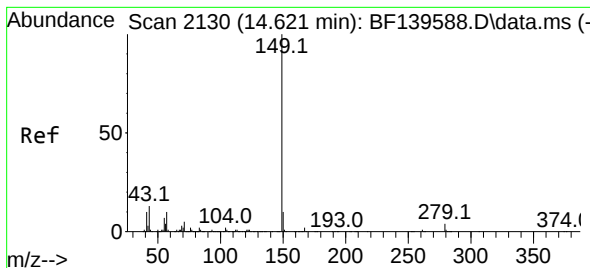
Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Tgt Ion:149	Resp: 386490
Ion Ratio	Lower Upper
149 100	
167 27.7	21.7 32.5
279 4.0	3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.662 ng

RT: 14.615 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

Tgt Ion:149 Resp: 547878

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

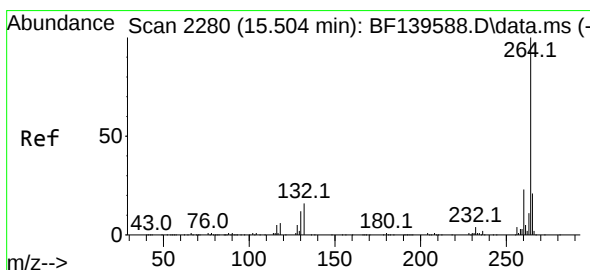
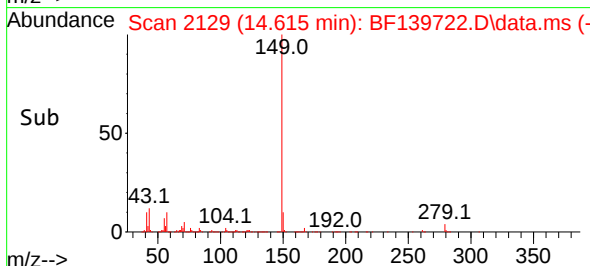
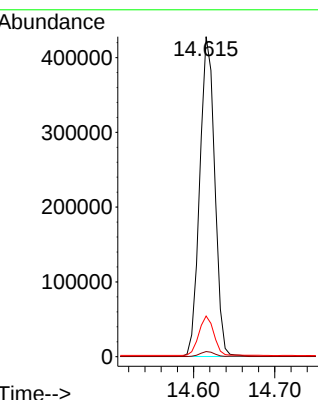
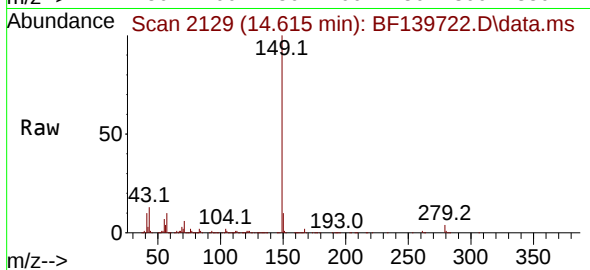
43 12.4 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

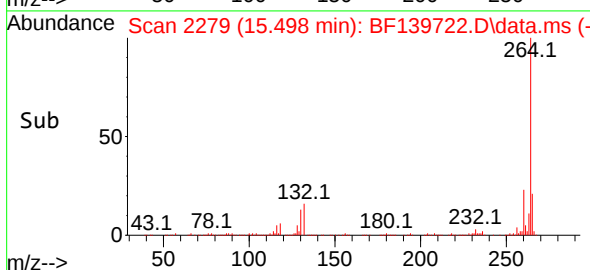
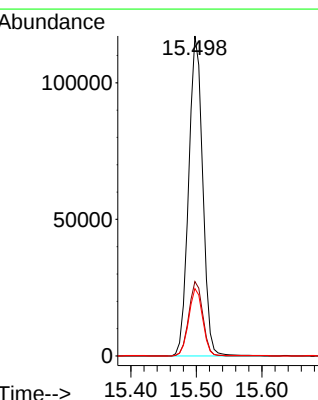
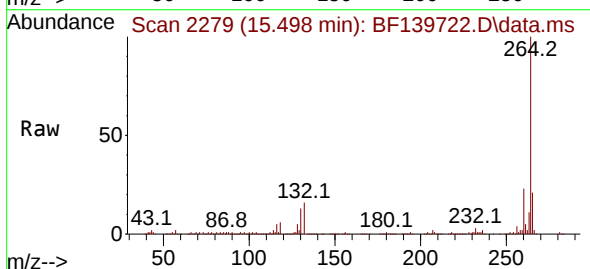
Tgt Ion:264 Resp: 175394

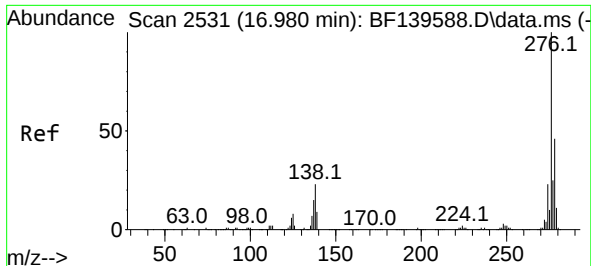
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.1 16.9 25.3





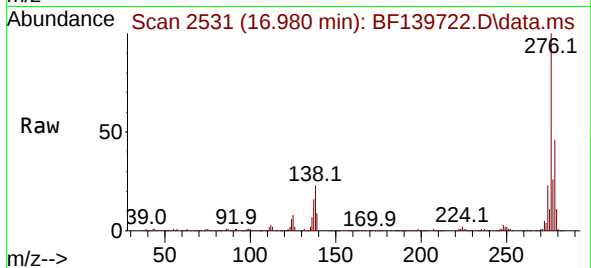
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.261 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

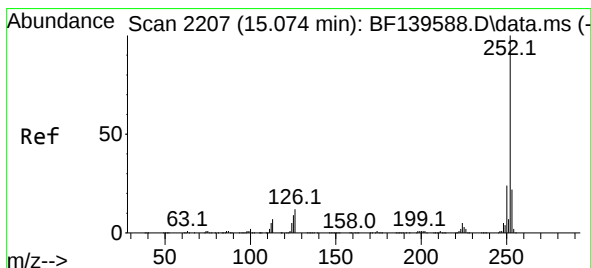
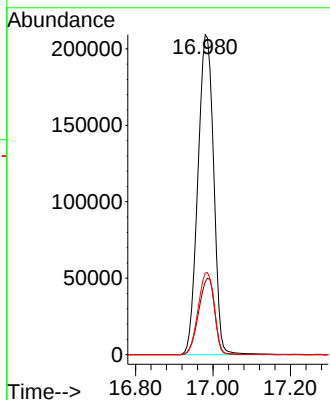
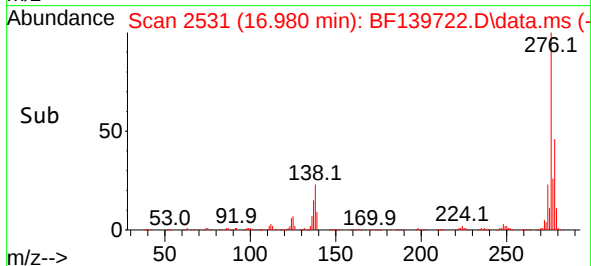


Tgt Ion:276 Resp: 59112
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 26.0 20.2 30.2

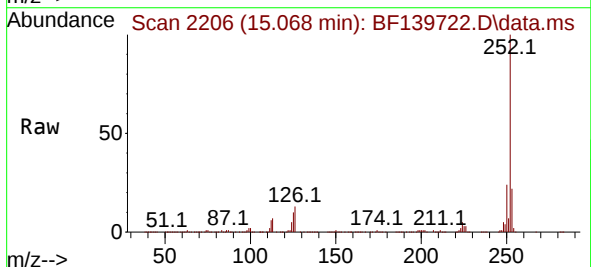
Manual Integrations

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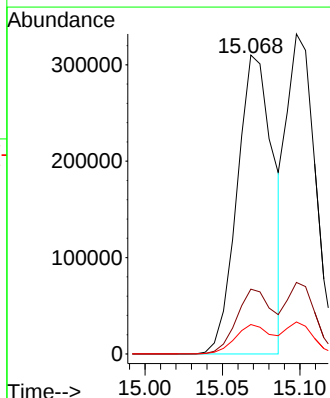
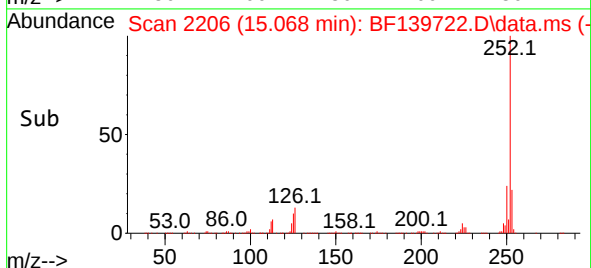
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

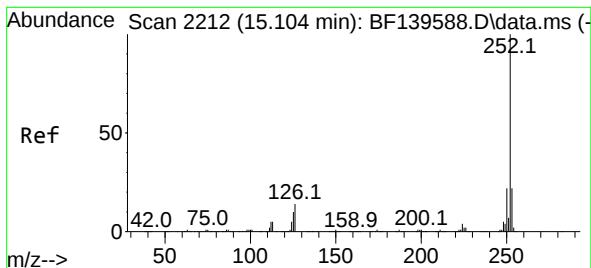


#88
Benzo(b)fluoranthene
Concen: 44.369 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139722.D
Acq: 09 Oct 2024 15:05



Tgt Ion:252 Resp: 503178
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.238 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

Tgt Ion:252 Resp: 425569

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

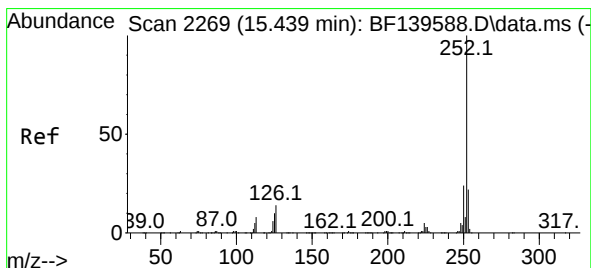
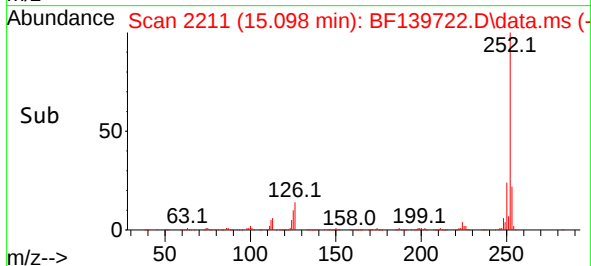
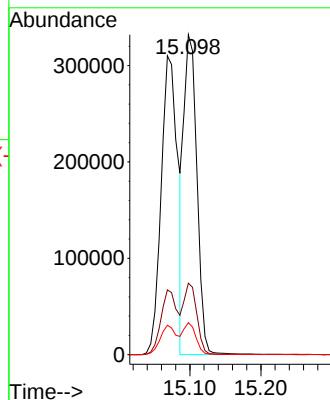
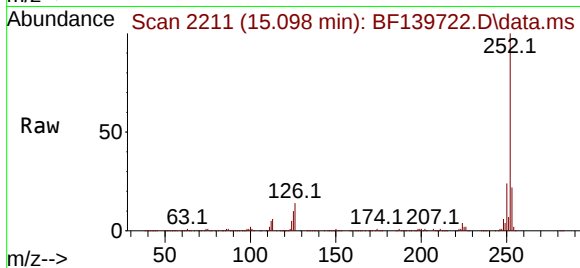
125 10.0 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#90

Benzo(a)pyrene

Concen: 51.263 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

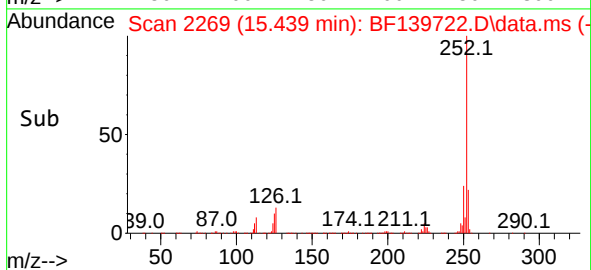
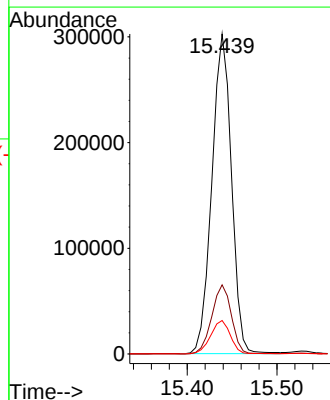
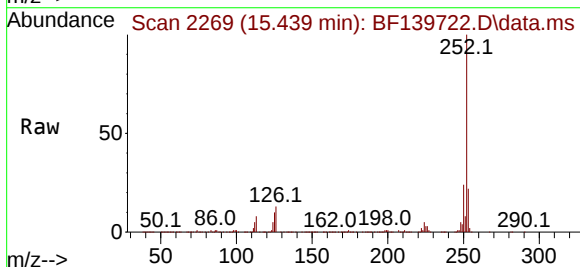
Tgt Ion:252 Resp: 458403

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 56.749 ng

RT: 16.998 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-3MS

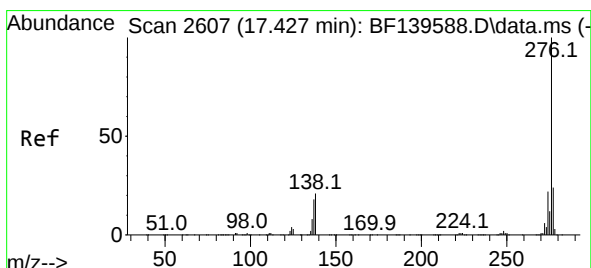
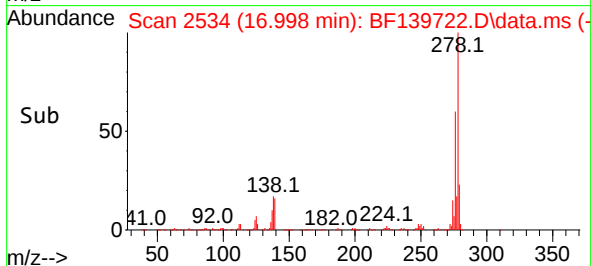
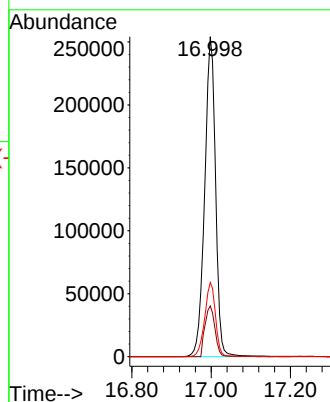
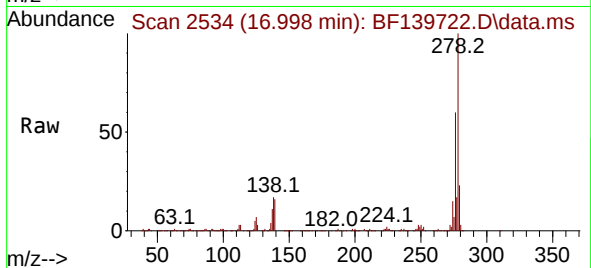
Tgt Ion:	278	Resp:	485898
Ion Ratio	Lower	Upper	
278	100		
139	15.8	12.2	18.4
279	23.2	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#92

Benzo(g,h,i)perylene

Concen: 54.029 ng

RT: 17.427 min Scan# 2607

Delta R.T. -0.000 min

Lab File: BF139722.D

Acq: 09 Oct 2024 15:05

Tgt Ion:	276	Resp:	463955
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.6
138	20.9	17.0	25.6

