

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139350.D
 Acq On : 13 Sep 2024 17:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:45:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	60726	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	218122	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	118314	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	224385	20.000	ng	0.00
76) Chrysene-d12	14.033	240	119656	20.000	ng	0.00
86) Perylene-d12	15.498	264	123129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	356372	95.736	ng	0.00
7) Phenol-d6	6.510	99	462024	94.562	ng	0.00
23) Nitrobenzene-d5	7.445	82	445436	96.004	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	120422	95.604	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	803022	95.192	ng	0.00
79) Terphenyl-d14	12.980	244	741072	101.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	67895	45.462	ng	99
3) Pyridine	3.404	79	152055	46.179	ng	99
4) n-Nitrosodimethylamine	3.375	42	137378	48.135	ng	100
6) Aniline	6.581	93	167082m	50.727	ng	
8) 2-Chlorophenol	6.663	128	182644	47.665	ng	97
9) Benzaldehyde	6.428	77	115581	43.191	ng	99
10) Phenol	6.528	94	231412	46.503	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	171147	45.250	ng	98
12) 1,3-Dichlorobenzene	6.822	146	205651	47.192	ng	100
13) 1,4-Dichlorobenzene	6.898	146	209000	47.460	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197506	47.464	ng	100
15) Benzyl Alcohol	7.022	79	185255	47.524	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	271832	46.635	ng	100
17) 2-Methylphenol	7.133	107	144596	47.496	ng	99
18) Hexachloroethane	7.392	117	80677	48.099	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	138502	47.836	ng	99
20) 3+4-Methylphenols	7.286	107	198277	47.737	ng	95
22) Acetophenone	7.292	105	273758	48.008	ng	97
24) Nitrobenzene	7.469	77	230160	48.198	ng	99
25) Isophorone	7.704	82	352840	48.085	ng	100
26) 2-Nitrophenol	7.781	139	92210	49.564	ng	98
27) 2,4-Dimethylphenol	7.816	122	119187	48.567	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	198334	47.425	ng	99
29) 2,4-Dichlorophenol	8.016	162	148165	47.525	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	172156	47.393	ng	99
31) Naphthalene	8.186	128	546863	48.024	ng	100
32) Benzoic acid	7.939	122	120521	52.273	ng	97
33) 4-Chloroaniline	8.239	127	166581	47.818	ng	99
34) Hexachlorobutadiene	8.298	225	120140	48.681	ng	98
35) Caprolactam	8.610	113	45162	47.092	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	172036	48.284	ng	99
37) 2-Methylnaphthalene	8.875	142	344052	47.601	ng	100
38) 1-Methylnaphthalene	8.975	142	336046	47.357	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	168182	47.964	ng	100
41) Hexachlorocyclopentadiene	9.027	237	61220	50.004	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	109327	47.923	ng	99

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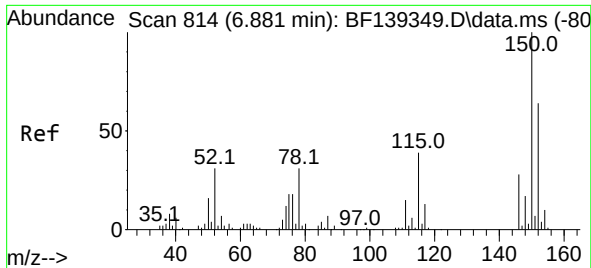
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	118193	49.117	ng	99
46) 1,1'-Biphenyl	9.339	154	437548	48.070	ng	99
47) 2-Chloronaphthalene	9.363	162	330109	48.505	ng	99
48) 2-Nitroaniline	9.457	65	126535	49.987	ng	97
49) Acenaphthylene	9.780	152	497184	48.531	ng	99
50) Dimethylphthalate	9.639	163	370588	47.723	ng	100
51) 2,6-Dinitrotoluene	9.698	165	85910	49.939	ng	96
52) Acenaphthene	9.951	154	345749	48.356	ng	99
53) 3-Nitroaniline	9.869	138	83924	48.815	ng	96
54) 2,4-Dinitrophenol	9.969	184	51497	57.104	ng	# 87
55) Dibenzofuran	10.122	168	473142	47.477	ng	99
56) 4-Nitrophenol	10.022	139	72103	50.685	ng	94
57) 2,4-Dinitrotoluene	10.104	165	114884	49.465	ng	98
58) Fluorene	10.463	166	391850	48.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	95986	48.219	ng	98
60) Diethylphthalate	10.333	149	387175	48.314	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	189920	48.061	ng	96
62) 4-Nitroaniline	10.486	138	90703	48.340	ng	99
63) Azobenzene	10.616	77	378482	48.019	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	63136	53.312	ng	99
66) n-Nitrosodiphenylamine	10.574	169	313904	47.849	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	107298	48.254	ng	98
68) Hexachlorobenzene	11.010	284	124911	47.865	ng	98
69) Atrazine	11.098	200	79000	50.583	ng	98
70) Pentachlorophenol	11.198	266	77067	49.215	ng	98
71) Phenanthrene	11.421	178	526376	48.623	ng	100
72) Anthracene	11.474	178	511970	48.370	ng	100
73) Carbazole	11.627	167	494354	48.799	ng	100
74) Di-n-butylphthalate	11.957	149	556151	49.283	ng	100
75) Fluoranthene	12.610	202	537080	46.457	ng	99
77) Benzidine	12.727	184	80463	46.936	ng	100
78) Pyrene	12.839	202	530780	51.662	ng	99
80) Butylbenzylphthalate	13.457	149	174982	50.037	ng	96
81) Benzo(a)anthracene	14.021	228	377584	47.639	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	109919	47.356	ng	98
83) Chrysene	14.062	228	354515	48.617	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	217495	48.889	ng	99
85) Di-n-octyl phthalate	14.621	149	330088	50.382	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	388214	53.023	ng	100
88) Benzo(b)fluoranthene	15.068	252	365162	48.087	ng	99
89) Benzo(k)fluoranthene	15.104	252	316496	45.203	ng	99
90) Benzo(a)pyrene	15.439	252	305466	48.503	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	321341	53.114	ng	99
92) Benzo(g,h,i)perylene	17.421	276	317487	53.000	ng	99

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

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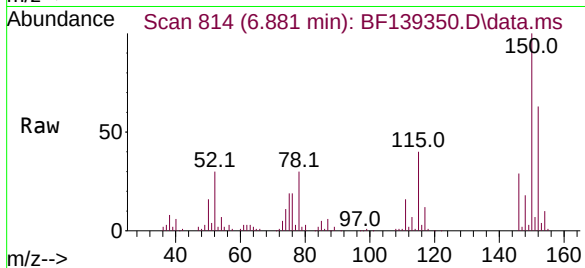
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139350.D
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BNA_F

ClientSampleId :

SSTDICC050



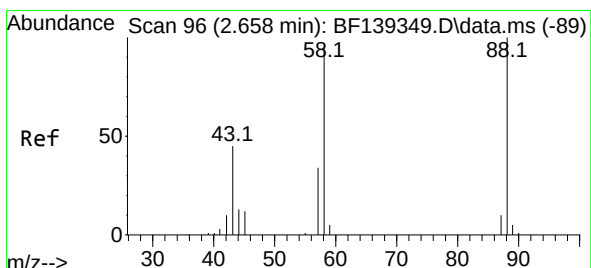
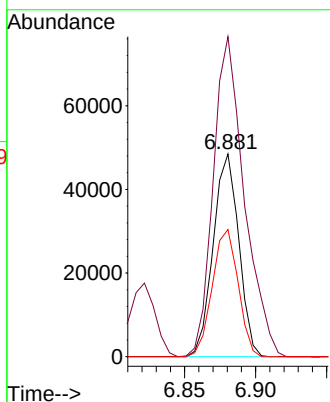
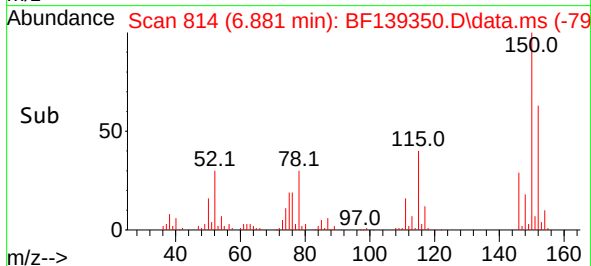
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Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 62.8 48.1 72.1

Manual Integrations

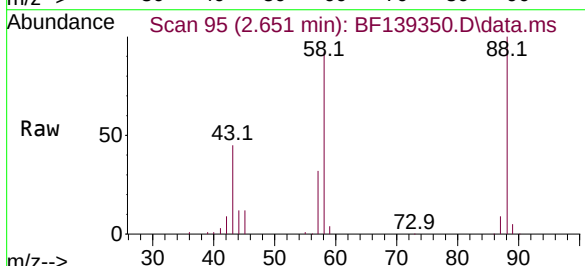
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Reviewed By :Yogesh Patel 09/16/2024

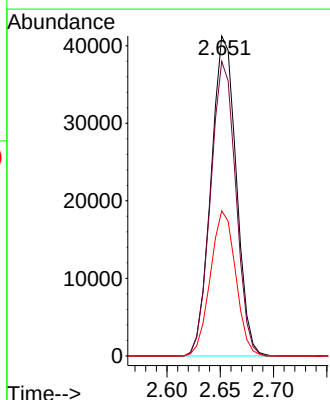
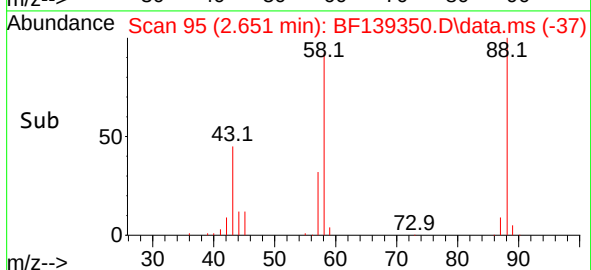
Supervised By :mohammad ahmed 09/16/2024

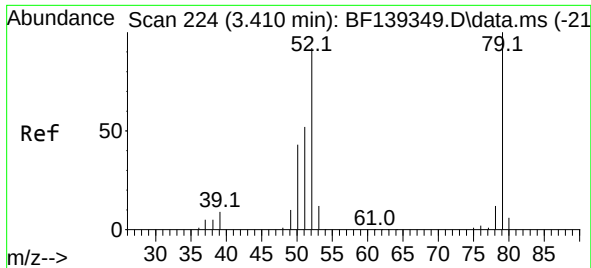


#2
1,4-Dioxane
Concen: 45.462 ng
RT: 2.651 min Scan# 95
Delta R.T. -0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion: 88 Resp: 67895
Ion Ratio Lower Upper
88 100
58 91.6 74.8 112.2
43 45.4 36.4 54.6





#3

Pyridine

Concen: 46.179 ng

RT: 3.404 min Scan# 218

Delta R.T. -0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 15205

Ion Ratio Lower Upper

79 100

52 93.7 73.8 110.8

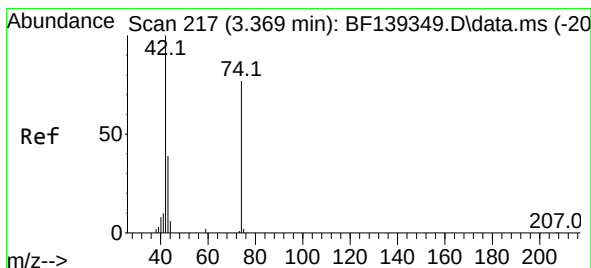
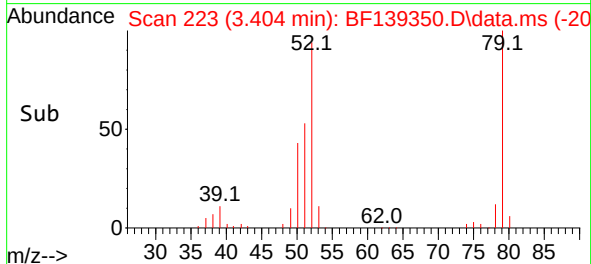
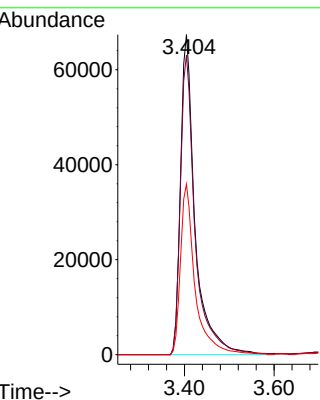
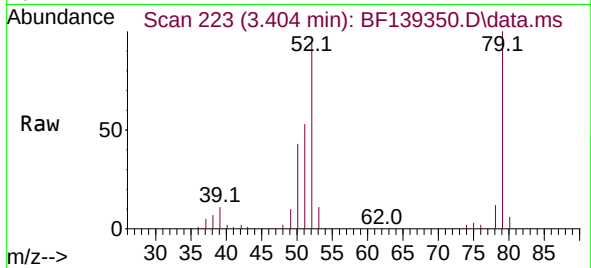
51 53.3 41.8 62.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 48.135 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

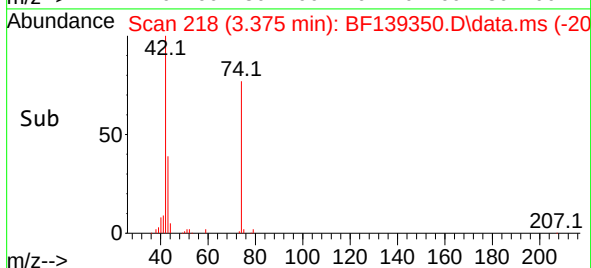
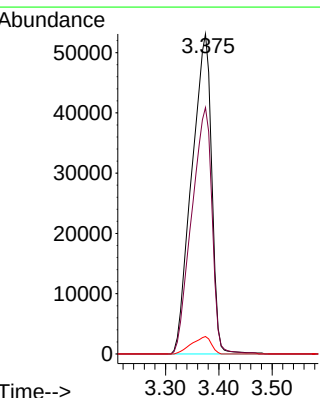
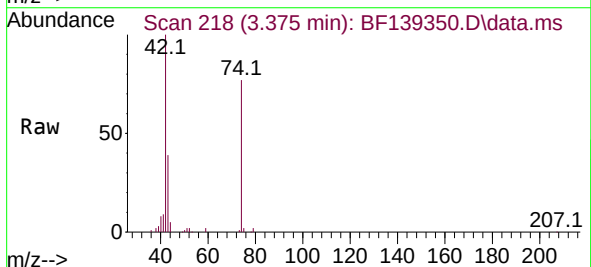
Tgt Ion: 42 Resp: 137378

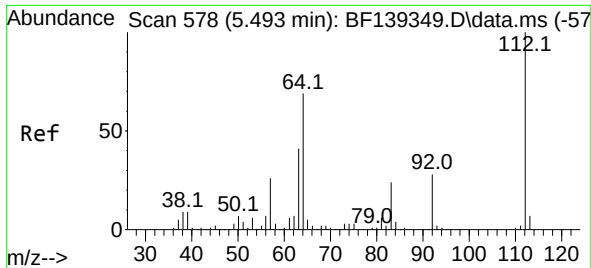
Ion Ratio Lower Upper

42 100

74 77.0 61.8 92.8

44 5.4 4.8 7.2





#5
 2-Fluorophenol
 Concen: 95.736 ng
 RT: 5.492 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BF139350.D
 Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

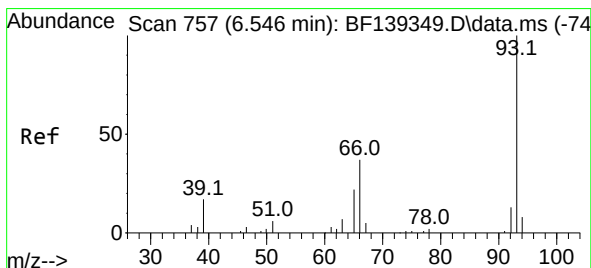
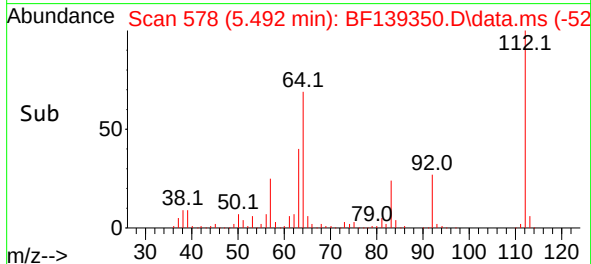
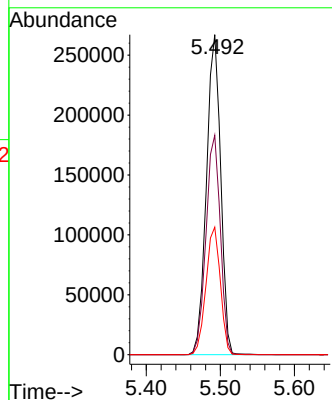
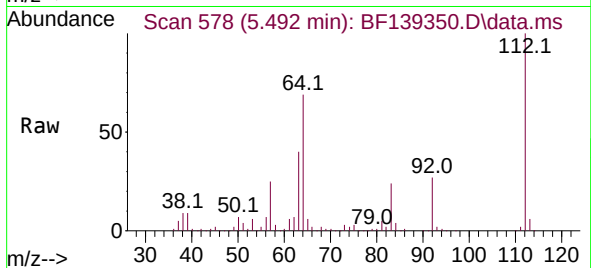
SSTDICC050

Tgt Ion:112 Resp: 356372
 Ion Ratio Lower Upper
 112 100
 64 68.6 54.8 82.2
 63 39.9 33.0 49.4

Manual Integrations

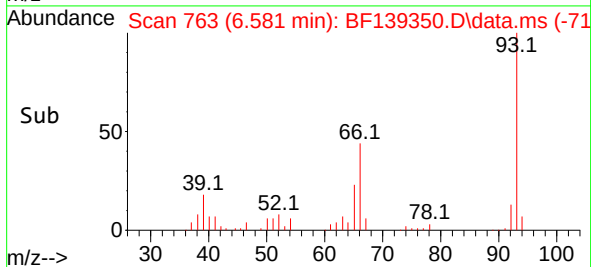
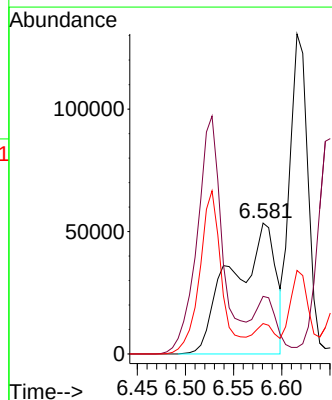
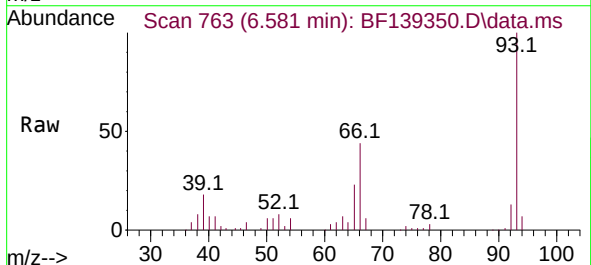
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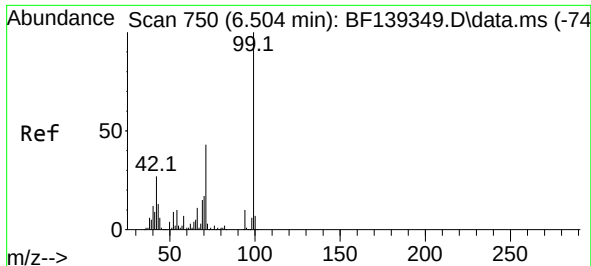
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024



#6
 Aniline
 Concen: 50.727 ng m
 RT: 6.581 min Scan# 763
 Delta R.T. 0.011 min
 Lab File: BF139350.D
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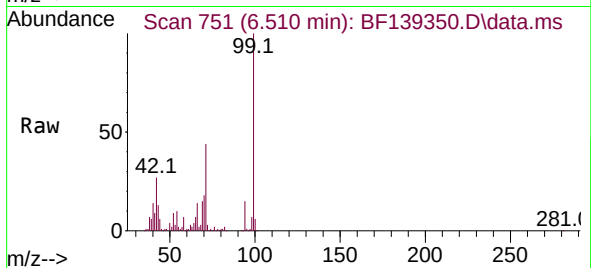
Tgt Ion: 93 Resp: 167082
 Ion Ratio Lower Upper
 93 100
 66 44.0 35.4 53.0
 65 23.2 18.2 27.4





#7
Phenol-d6
Concen: 94.562 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

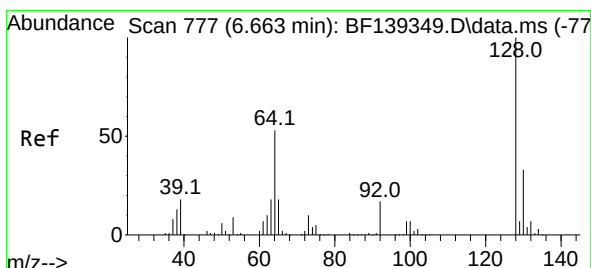
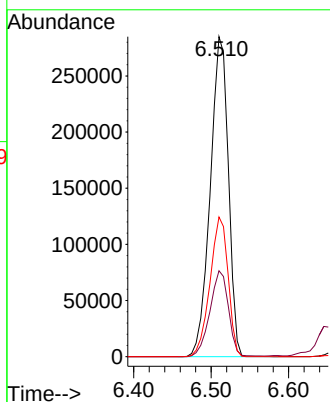
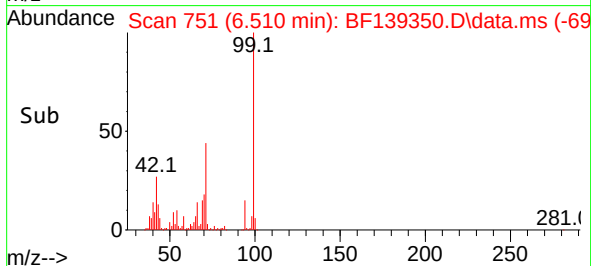
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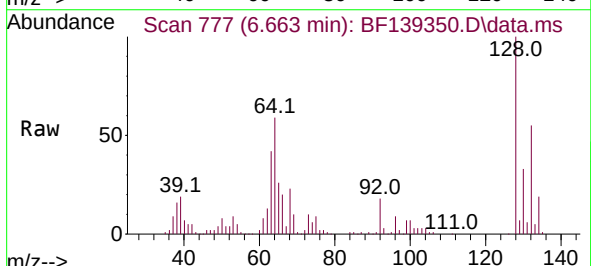
Tgt Ion: 99 Resp: 462024
Ion Ratio Lower Upper
99 100
42 26.9 21.9 32.9
71 43.7 34.6 52.0

Manual Integrations
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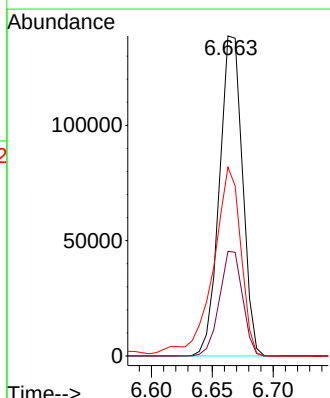
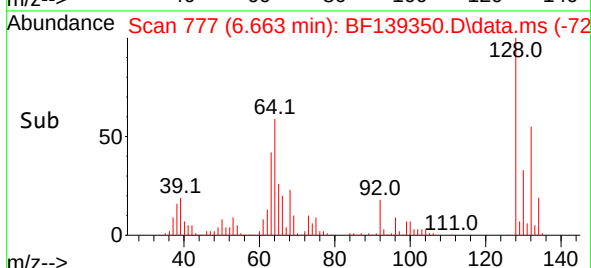
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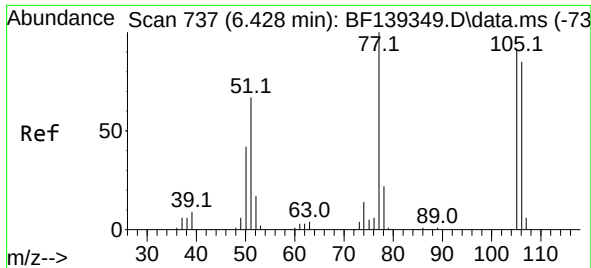


#8
2-Chlorophenol
Concen: 47.665 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:128 Resp: 182644
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 59.0 35.1 75.1





#9
Benzaldehyde
Concen: 43.191 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

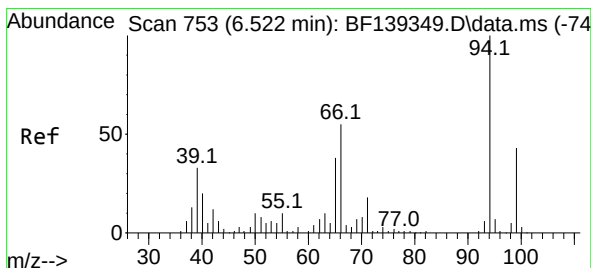
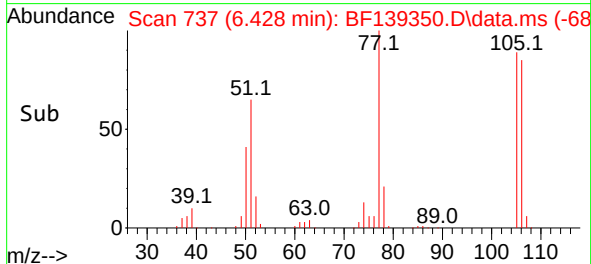
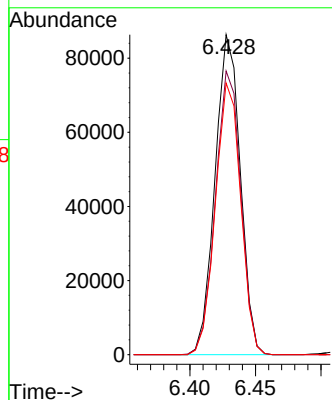
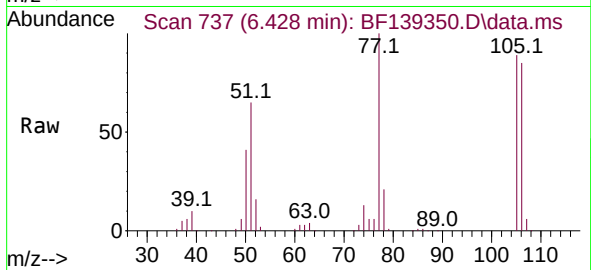
ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 11558
Ion Ratio Lower Upper
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105 88.7 71.0 111.0
106 84.9 64.9 104.9

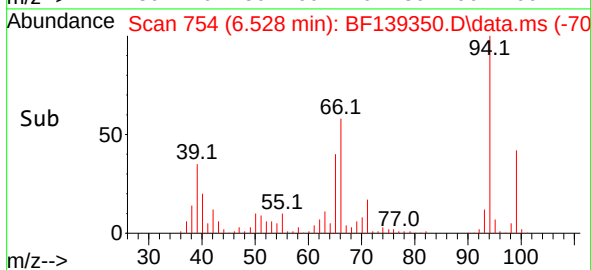
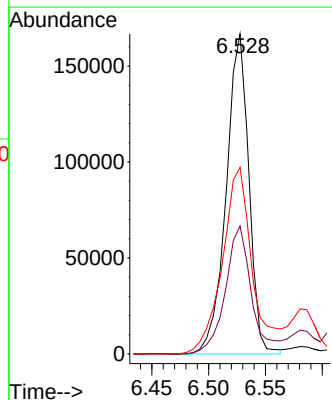
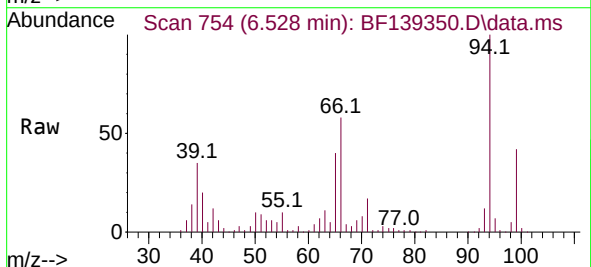
Manual Integrations
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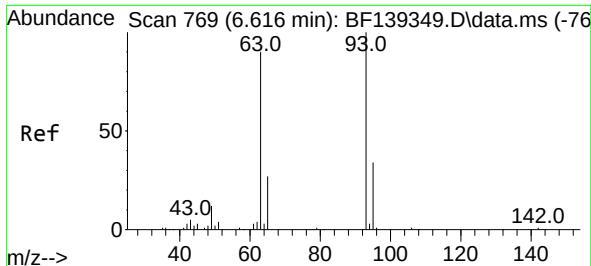
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#10
Phenol
Concen: 46.503 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 94 Resp: 231412
Ion Ratio Lower Upper
94 100
65 40.0 17.6 57.6
66 58.3 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 45.250 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

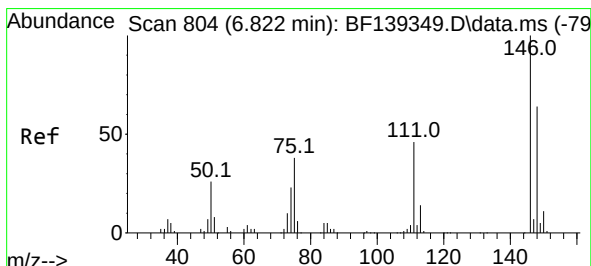
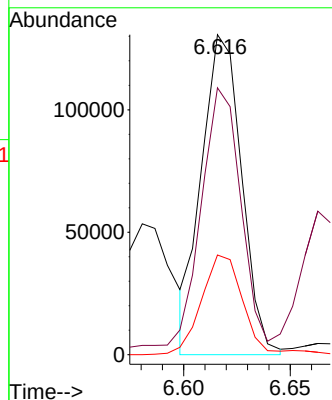
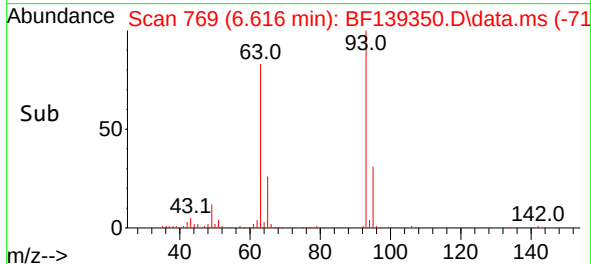
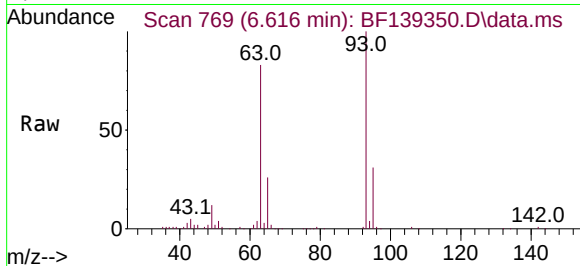
ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 17114
Ion Ratio Lower Upper
93 100
63 83.4 65.3 105.3
95 31.2 12.4 52.4

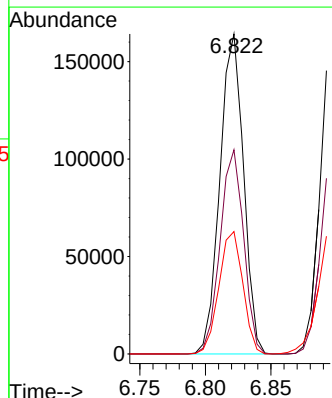
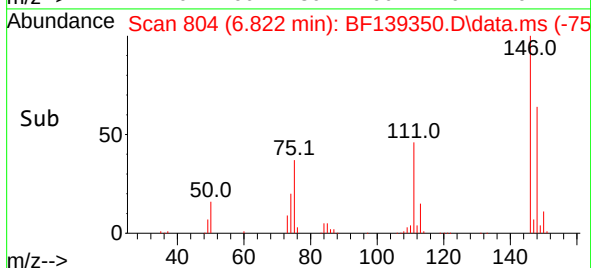
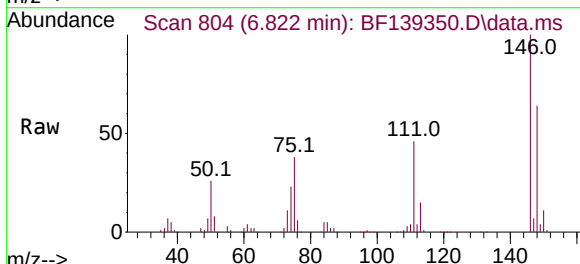
Manual Integrations
APPROVED

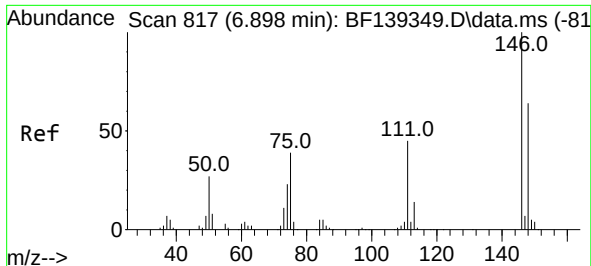
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#12
1,3-Dichlorobenzene
Concen: 47.192 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:146 Resp: 205651
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 38.2 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 47.460 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

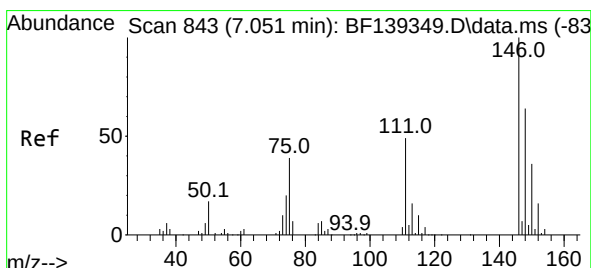
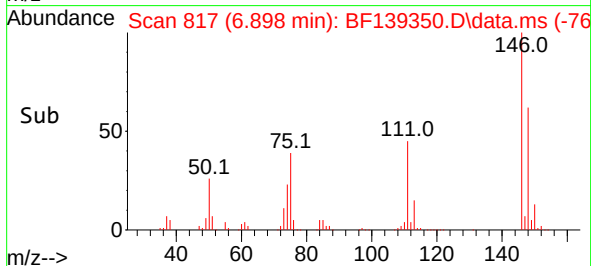
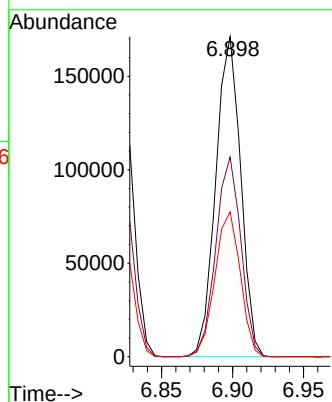
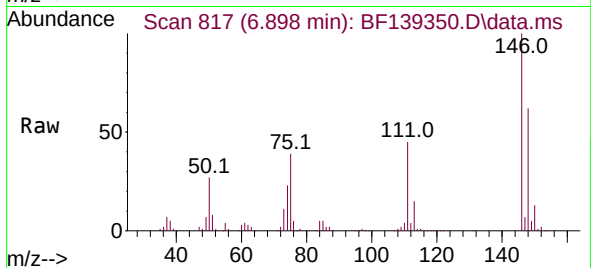
SSTDICC050

Tgt Ion:146 Resp: 209000
Ion Ratio Lower Upper
146 100
148 62.4 50.9 76.3
111 45.3 36.3 54.5

Manual Integrations

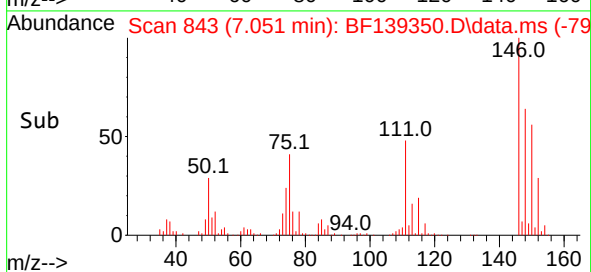
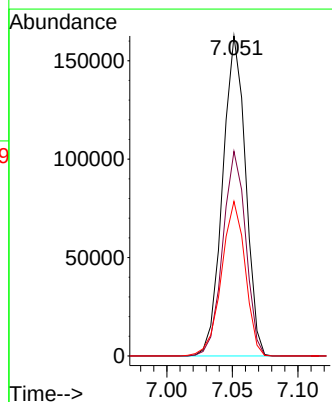
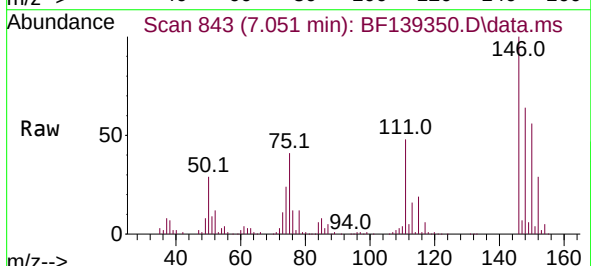
APPROVED

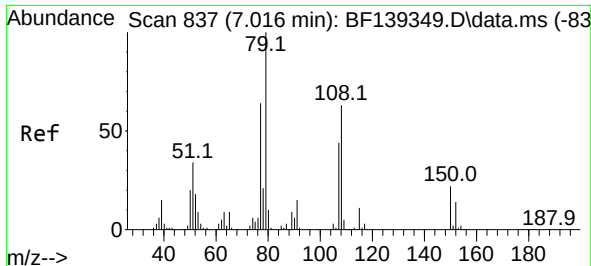
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#14
1,2-Dichlorobenzene
Concen: 47.464 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:146 Resp: 197506
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 48.3 38.9 58.3





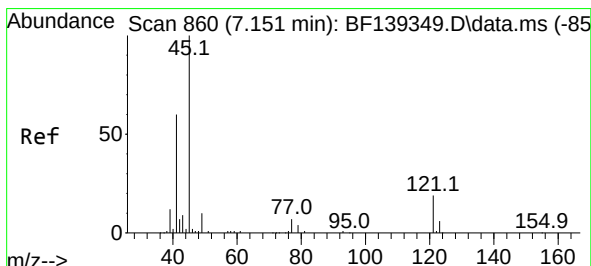
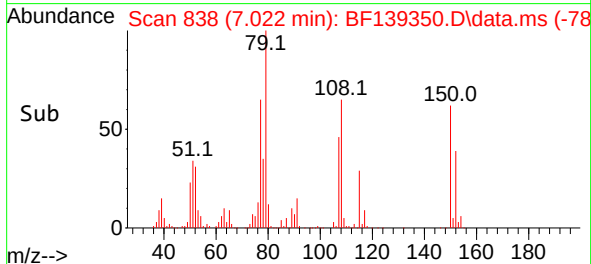
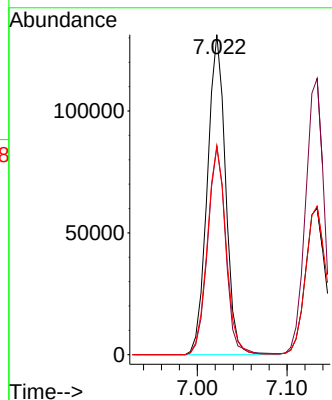
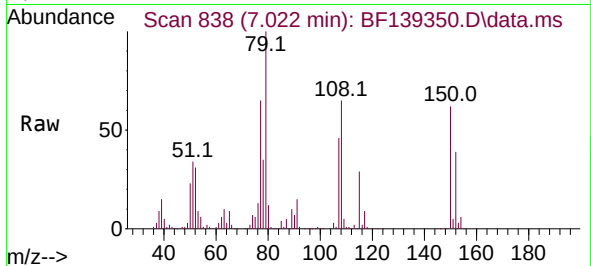
#15
Benzyl Alcohol
Concen: 47.524 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 18525
Ion Ratio Lower Upper
79 100
108 65.0 50.4 75.6
77 65.3 51.4 77.2

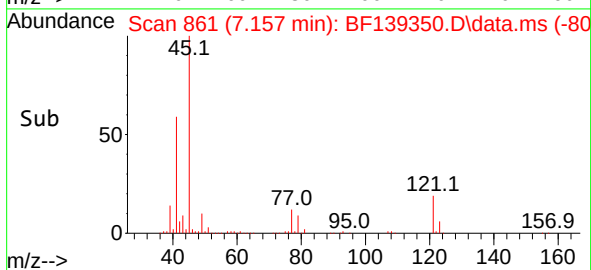
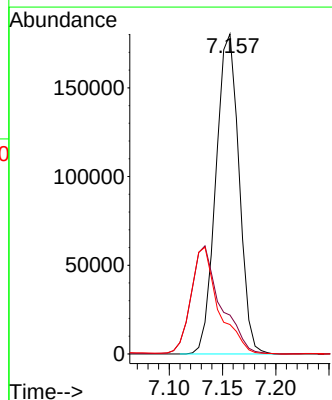
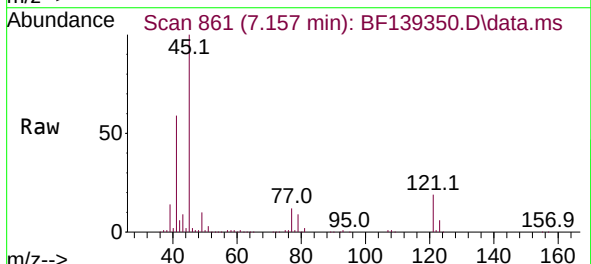
Manual Integrations
APPROVED

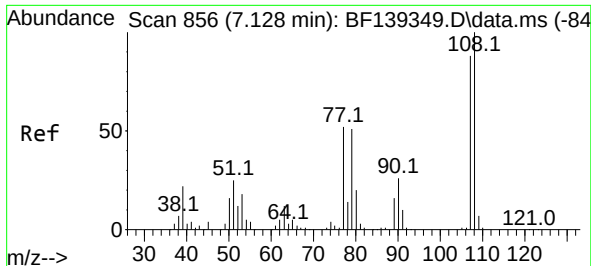
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.635 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 45 Resp: 271832
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.2 0.0 29.1





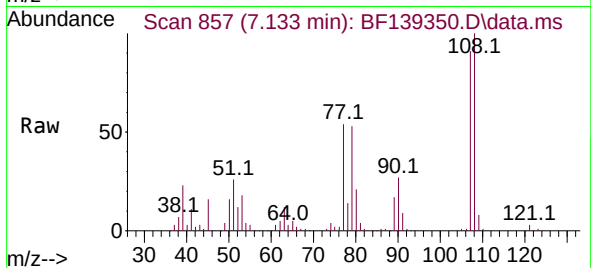
#17
2-Methylphenol
Concen: 47.496 ng
RT: 7.133 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



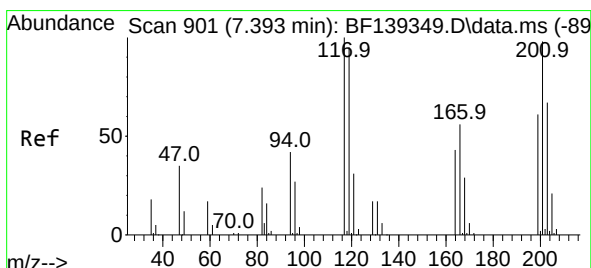
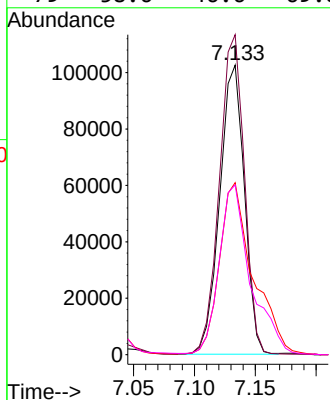
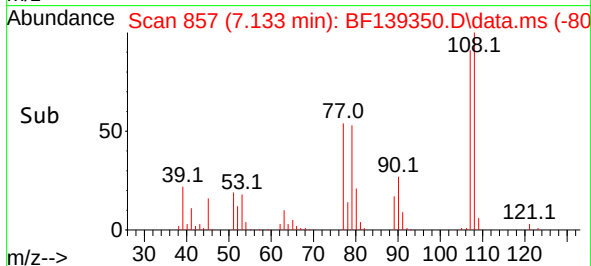
Tgt Ion:107 Resp: 144590
Ion Ratio Lower Upper
107 100
108 110.5 90.5 135.7
77 59.4 47.1 70.7
79 58.6 46.6 69.8

Manual Integrations

APPROVED

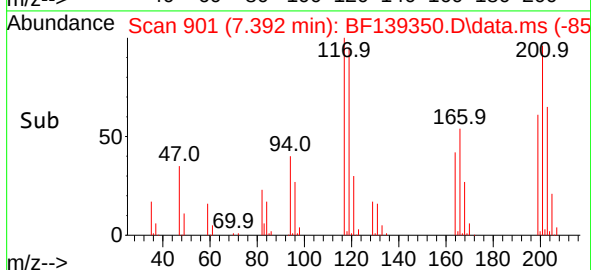
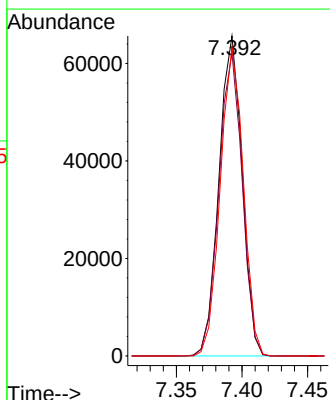
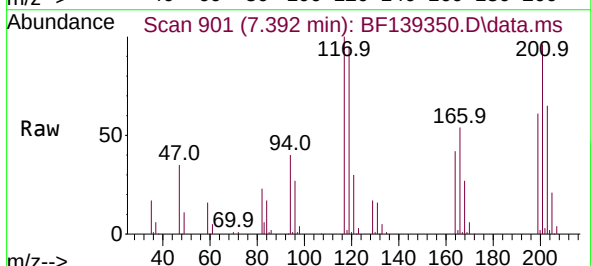
Reviewed By :Yogesh Patel 09/16/2024

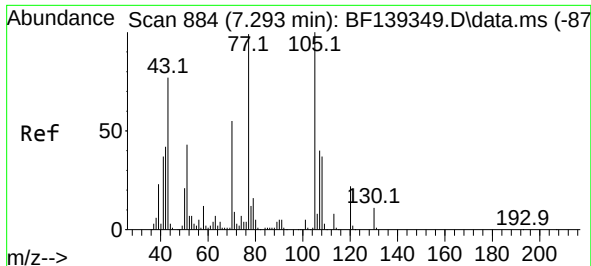
Supervised By :mohammad ahmed 09/16/2024



#18
Hexachloroethane
Concen: 48.099 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:117 Resp: 80677
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 96.4 78.6 118.0





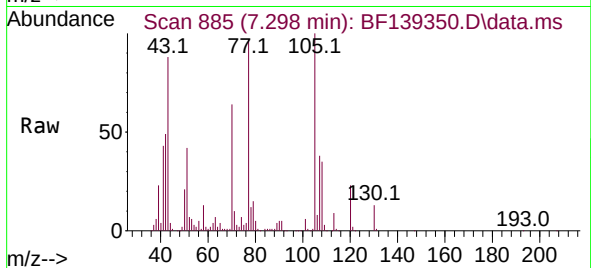
#19
n-Nitroso-di-n-propylamine
Concen: 47.836 ng
RT: 7.298 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



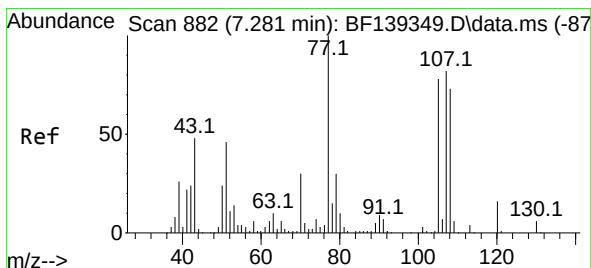
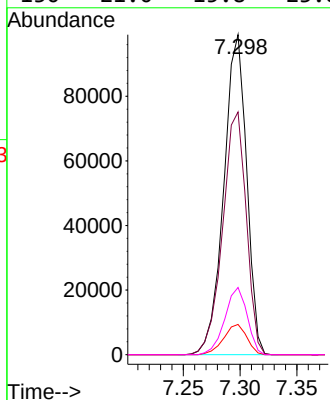
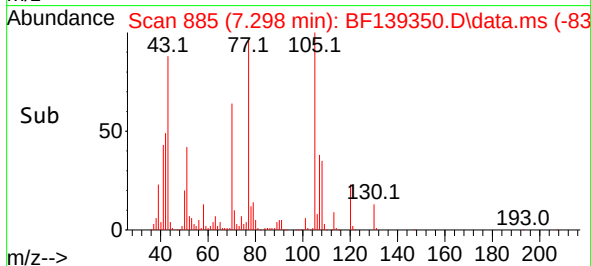
Tgt Ion: 70 Resp: 13850
Ion Ratio Lower Upper
70 100
42 75.8 61.2 91.8
101 9.4 7.5 11.3
130 21.0 15.8 23.8

Manual Integrations

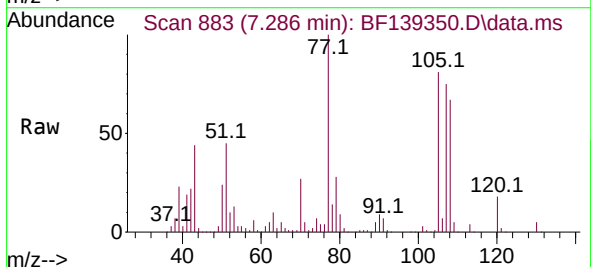
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

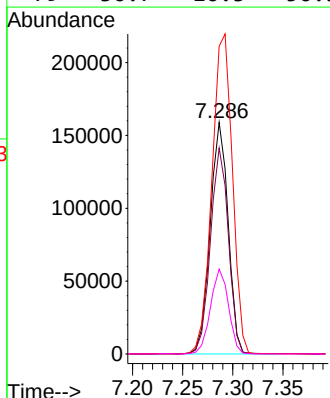
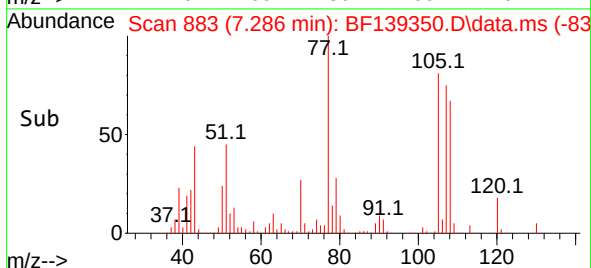
Supervised By :mohammad ahmed 09/16/2024

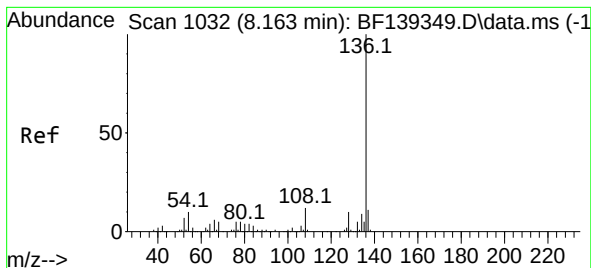


#20
3+4-Methylphenols
Concen: 47.737 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:107 Resp: 198277
Ion Ratio Lower Upper
107 100
108 88.9 68.6 108.6
77 132.9 101.6 141.6
79 36.7 16.3 56.3





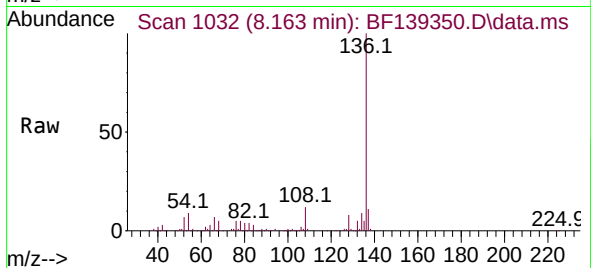
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

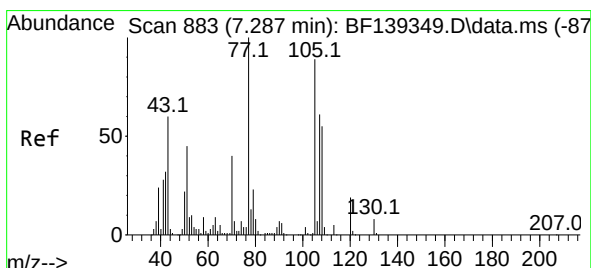
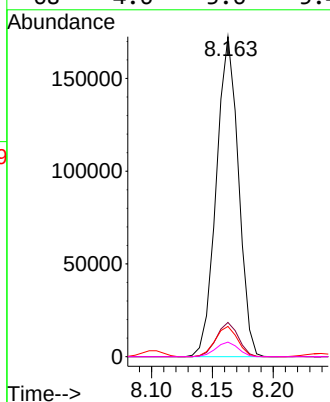
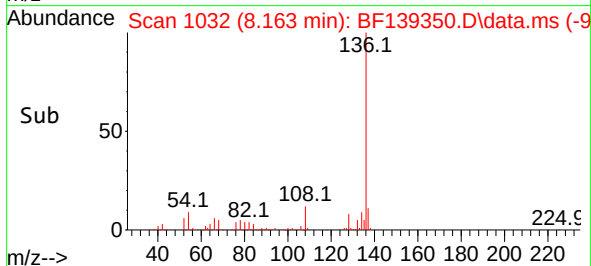


Tgt Ion:136 Resp: 21812
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.4 7.8 11.8
68 4.6 3.6 5.4

Manual Integrations

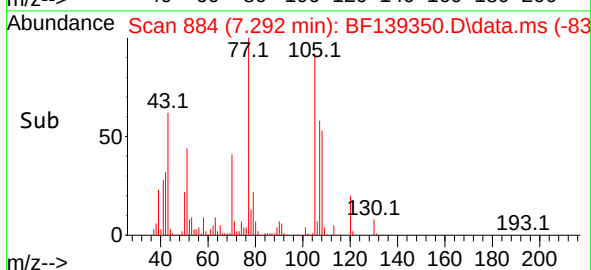
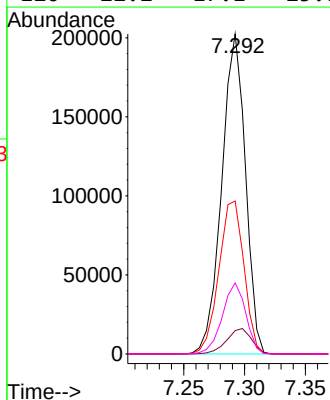
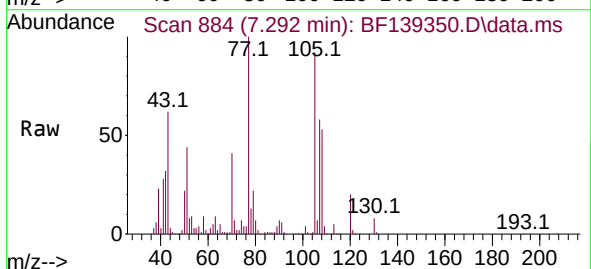
APPROVED

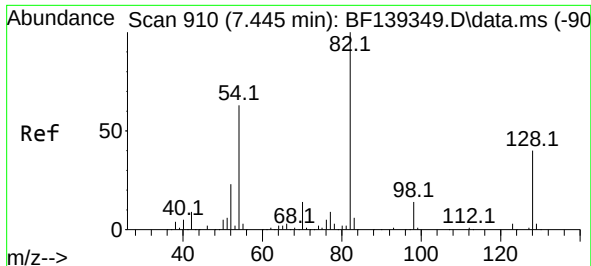
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#22
Acetophenone
Concen: 48.008 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:105 Resp: 273758
Ion Ratio Lower Upper
105 100
71 7.3 5.9 8.9
51 47.8 40.0 60.0
120 22.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 96.004 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 445430

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

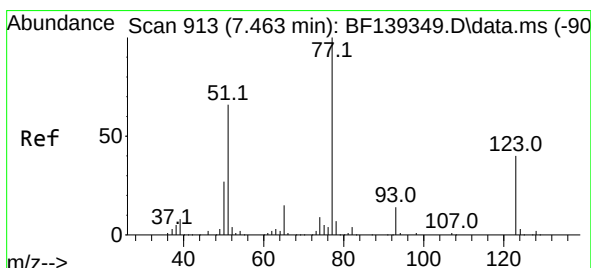
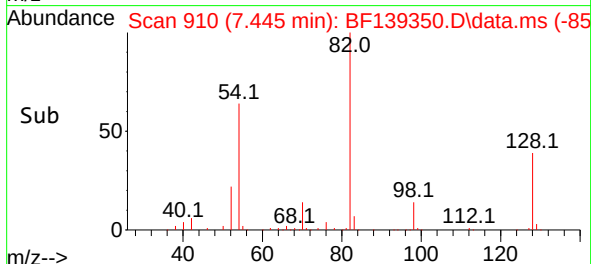
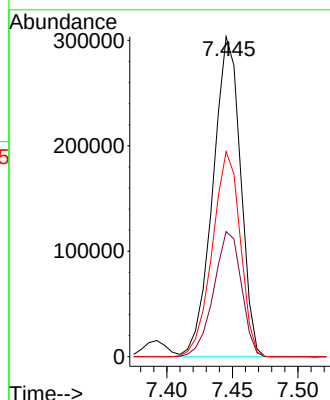
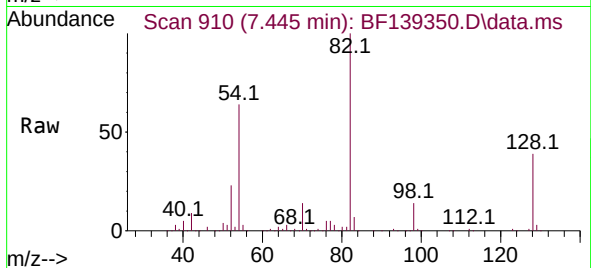
54 64.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 48.198 ng

RT: 7.469 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

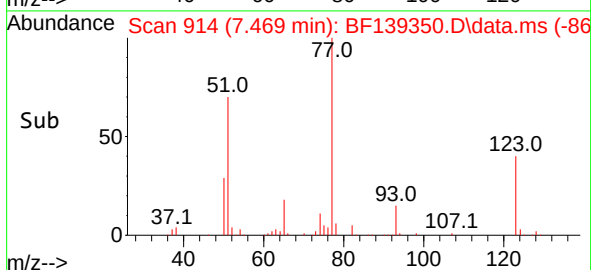
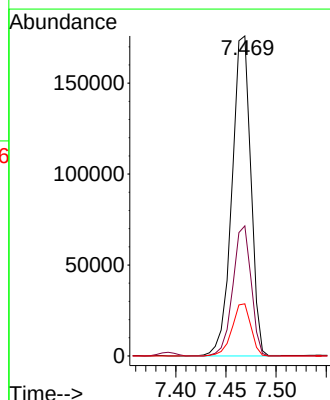
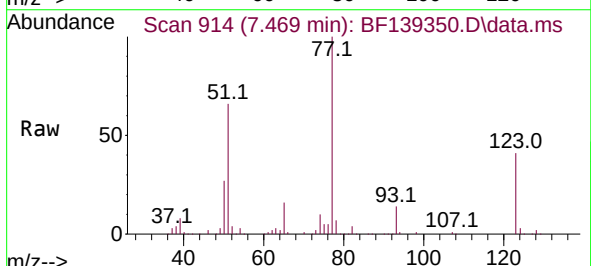
Tgt Ion: 77 Resp: 230160

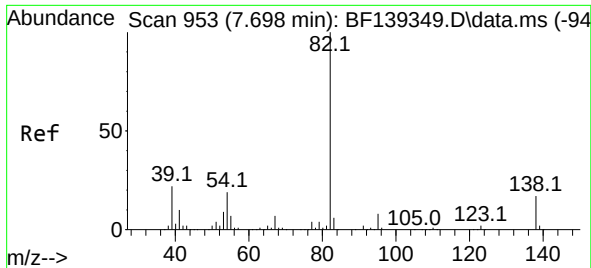
Ion Ratio Lower Upper

77 100

123 40.6 32.2 48.4

65 16.3 12.2 18.4





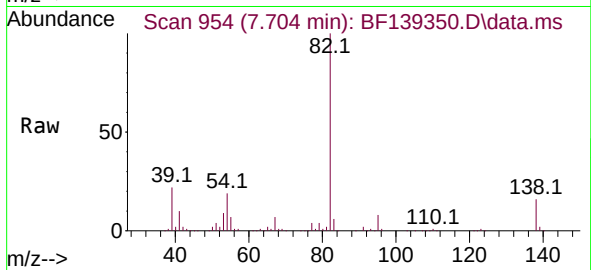
#25
Isophorone
Concen: 48.085 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

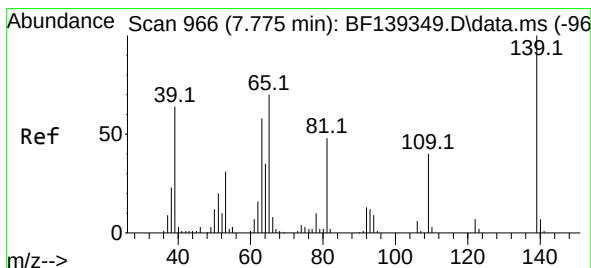
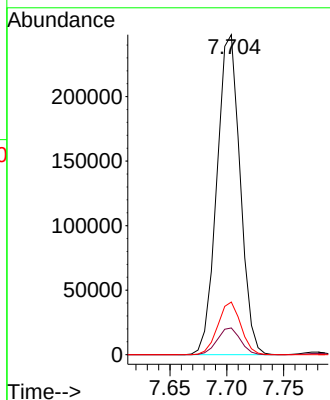
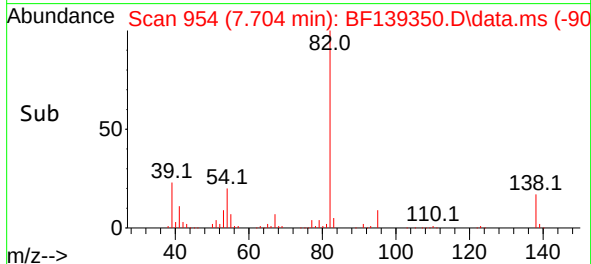


Tgt Ion: 82 Resp: 352840
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 16.4 13.3 19.9

Manual Integrations

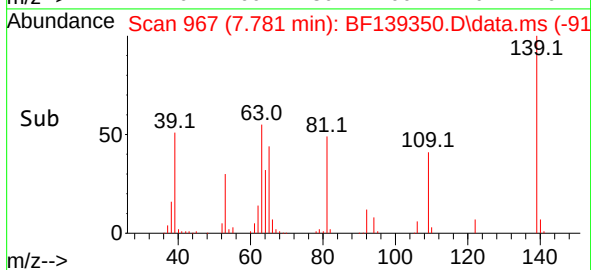
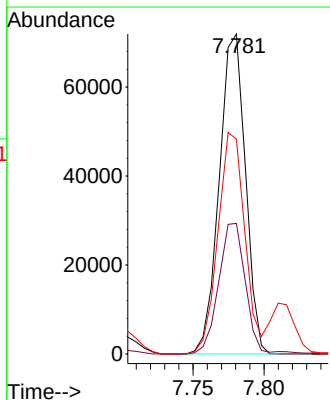
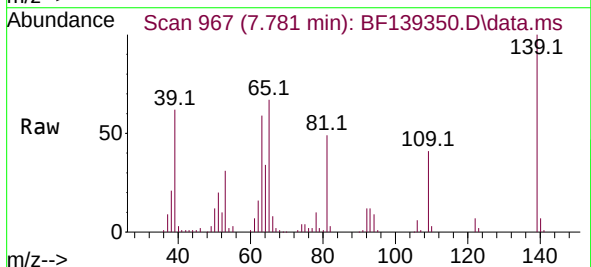
APPROVED

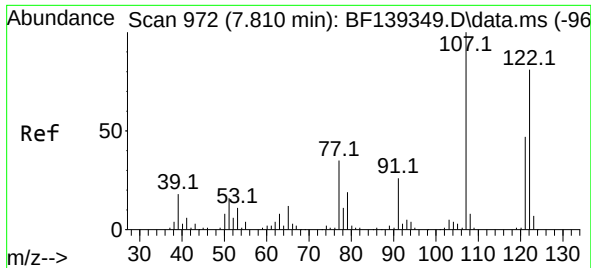
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 49.564 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:139 Resp: 92210
Ion Ratio Lower Upper
139 100
109 40.8 32.2 48.2
65 67.2 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 48.567 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 11918

Ion Ratio Lower Upper

122 100

107 124.4 99.1 148.7

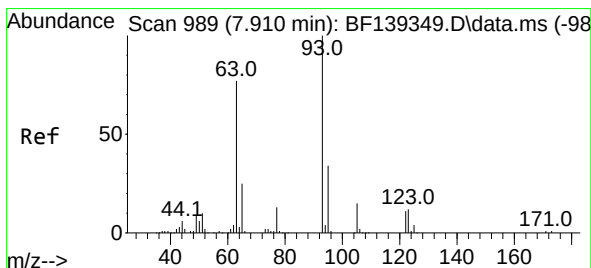
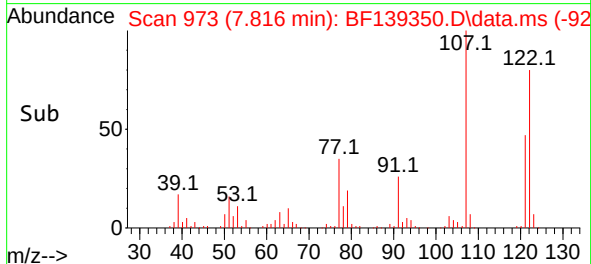
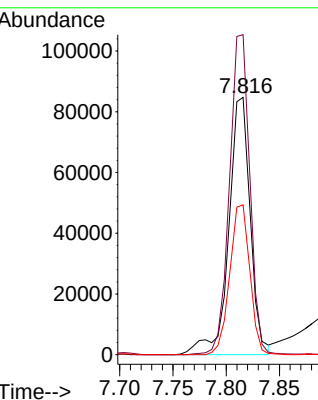
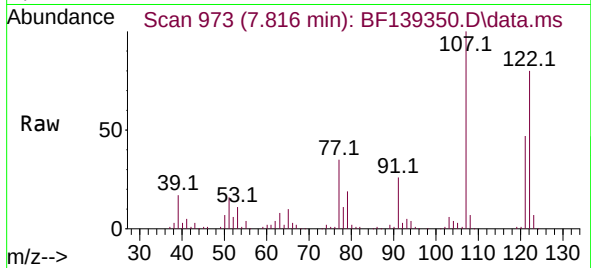
121 58.3 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.425 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

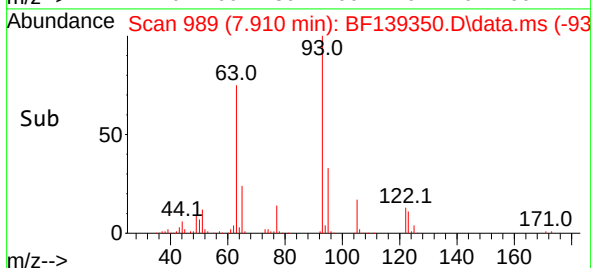
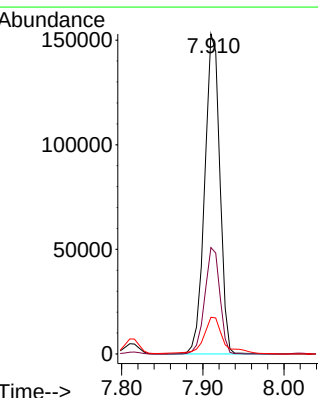
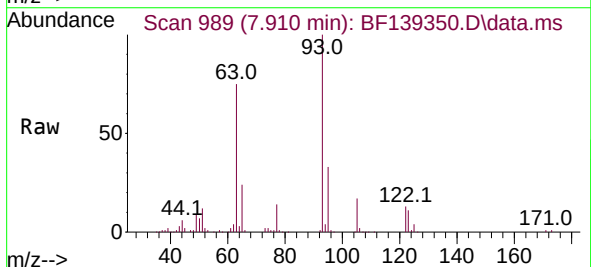
Tgt Ion: 93 Resp: 198334

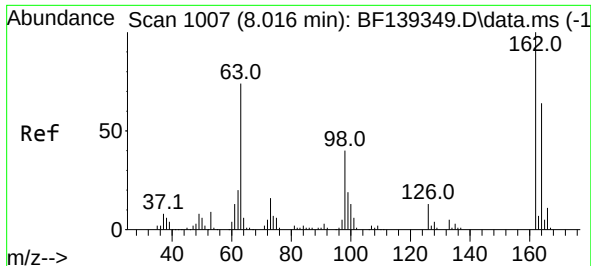
Ion Ratio Lower Upper

93 100

95 33.3 26.9 40.3

123 11.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 47.525 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 14816

Ion Ratio Lower Upper

162 100

164 64.0 43.6 83.6

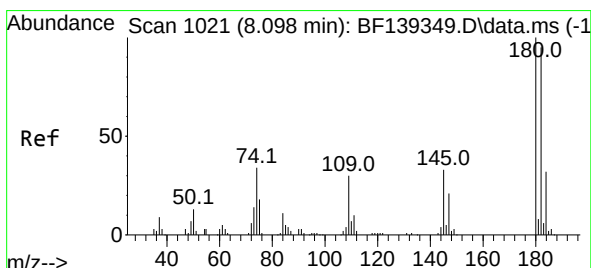
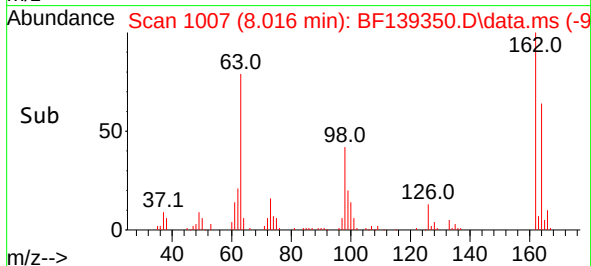
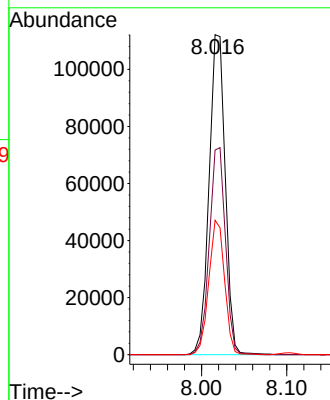
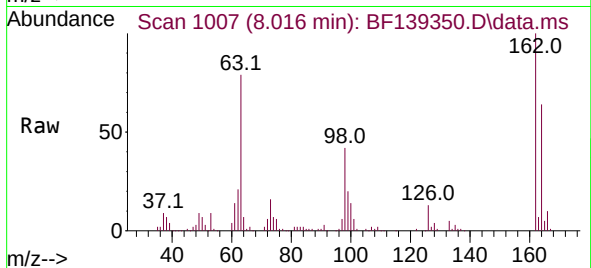
98 42.0 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.393 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

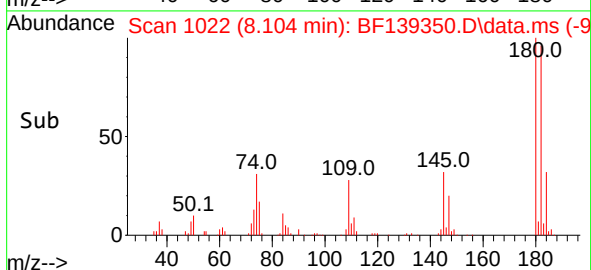
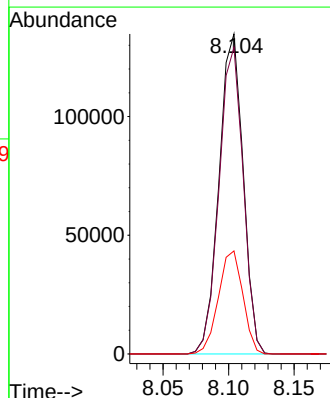
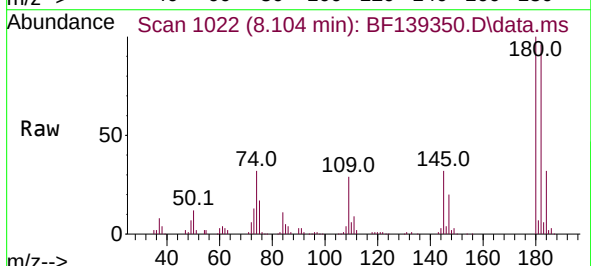
Tgt Ion:180 Resp: 172156

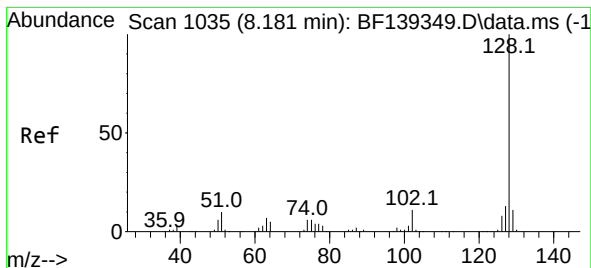
Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 32.2 26.5 39.7





#31

Naphthalene

Concen: 48.024 ng

RT: 8.186 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:128 Resp: 54686

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

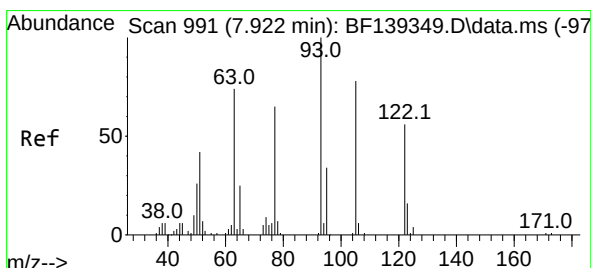
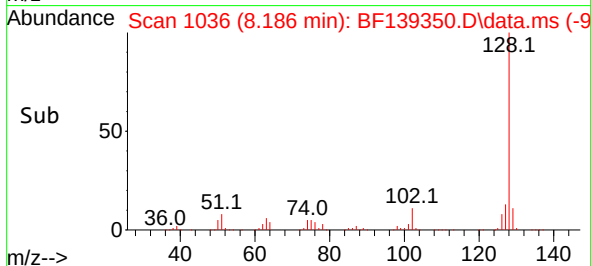
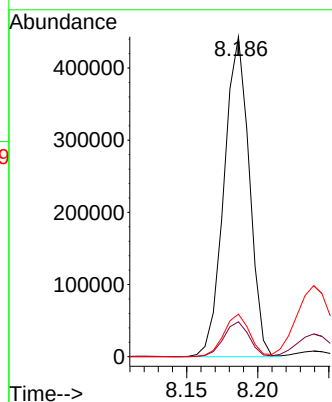
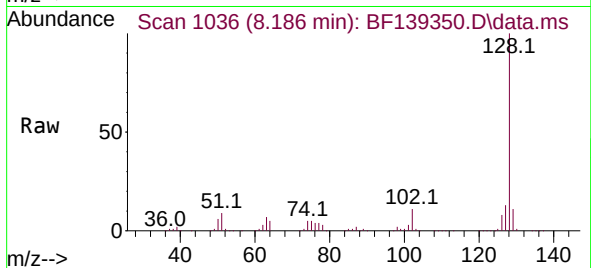
127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#32

Benzoic acid

Concen: 52.273 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.017 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

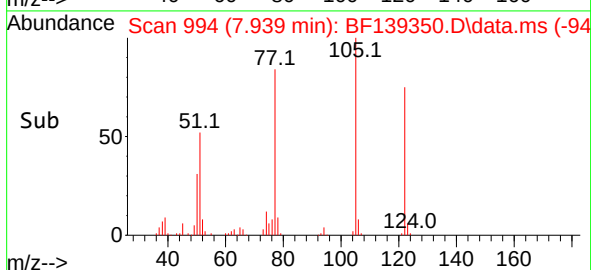
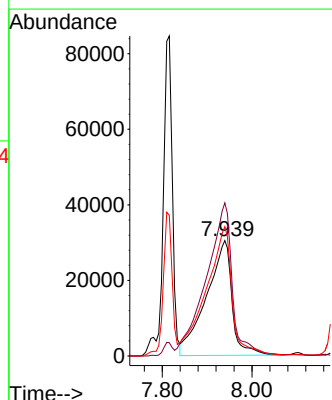
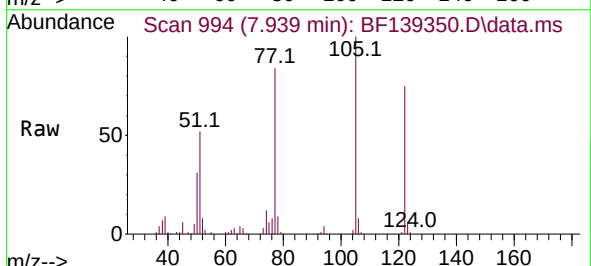
Tgt Ion:122 Resp: 120521

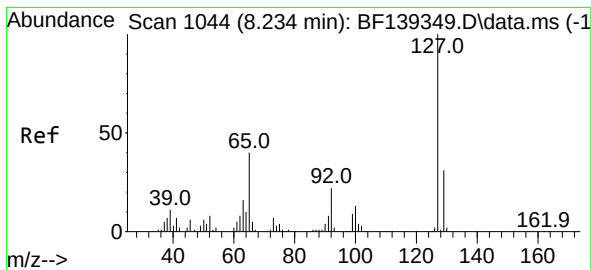
Ion Ratio Lower Upper

122 100

105 132.7 117.1 157.1

77 112.1 95.4 135.4





#33
4-Chloroaniline
Concen: 47.818 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

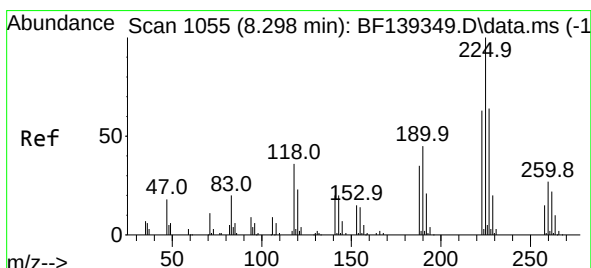
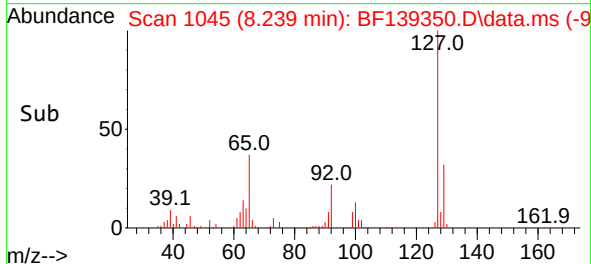
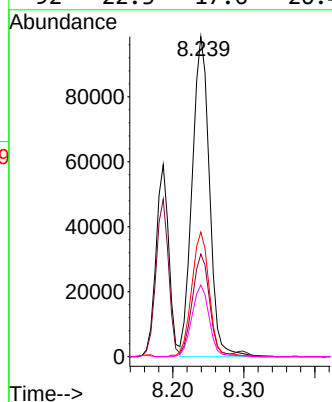
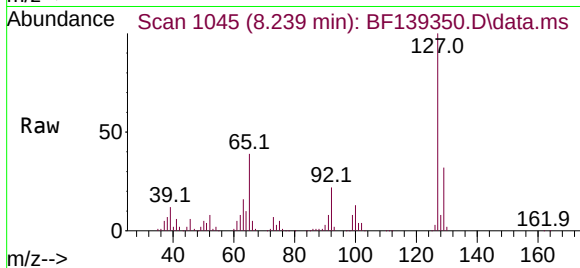
SSTDICC050

Tgt Ion:127 Resp: 16658
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 38.9 31.5 47.3
92 22.3 17.6 26.4

Manual Integrations

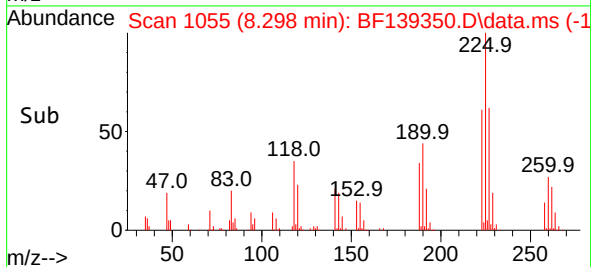
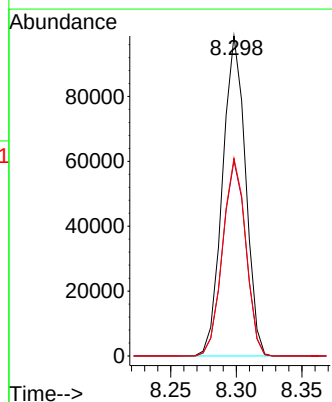
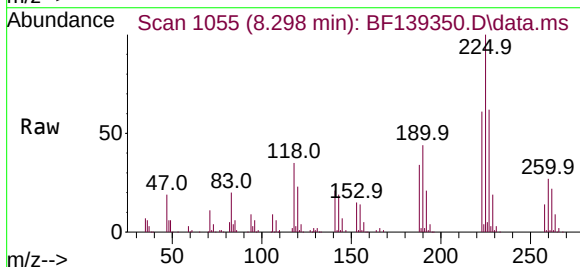
APPROVED

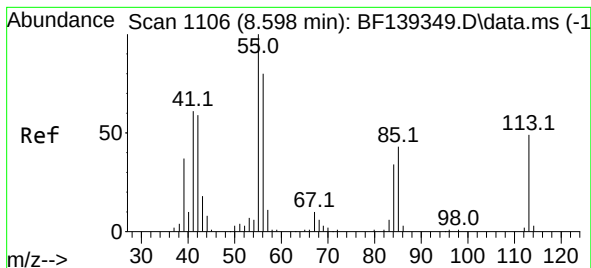
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#34
Hexachlorobutadiene
Concen: 48.681 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:225 Resp: 120140
Ion Ratio Lower Upper
225 100
223 61.0 50.1 75.1
227 61.8 51.0 76.6





#35

Caprolactam

Concen: 47.092 ng

RT: 8.610 min Scan# 1106

Delta R.T. 0.011 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

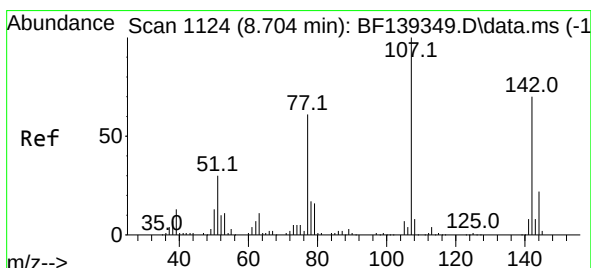
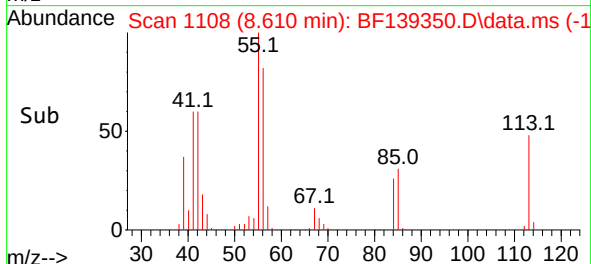
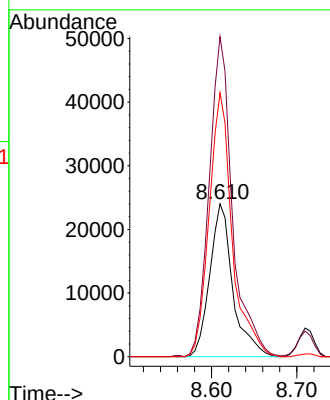
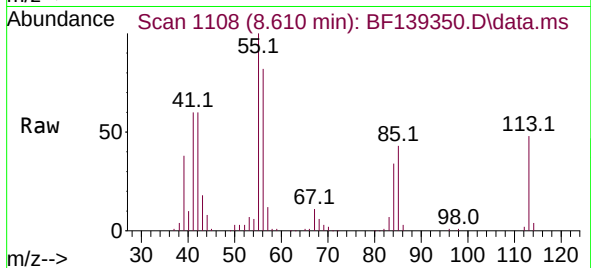
SSTDICC050

Tgt Ion:113 Resp: 45162
 Ion Ratio Lower Upper
 113 100
 55 209.4 186.1 226.1
 56 172.7 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024



#36

4-Chloro-3-methylphenol

Concen: 48.284 ng

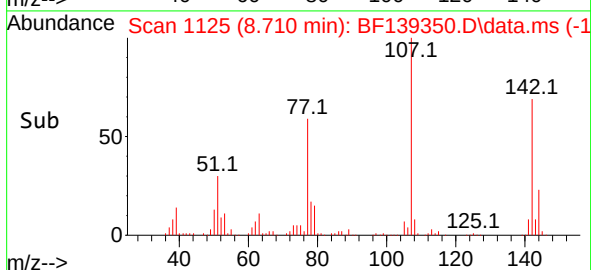
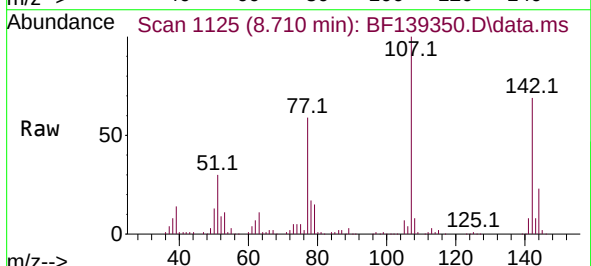
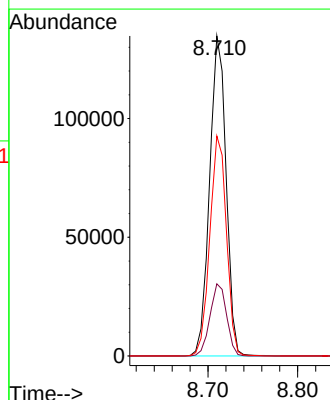
RT: 8.710 min Scan# 1125

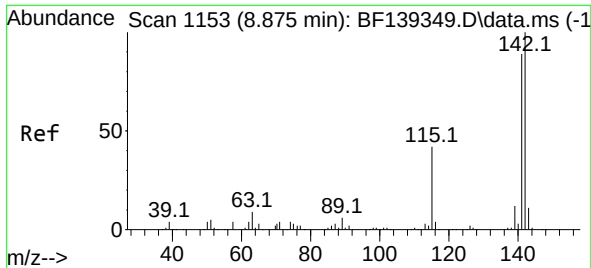
Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Tgt Ion:107 Resp: 172036
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.5 26.3
 142 68.8 55.8 83.8





#37
2-Methylnaphthalene
Concen: 47.601 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

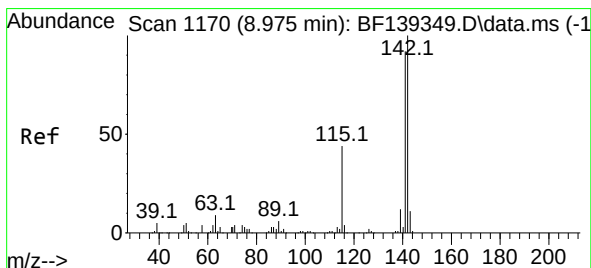
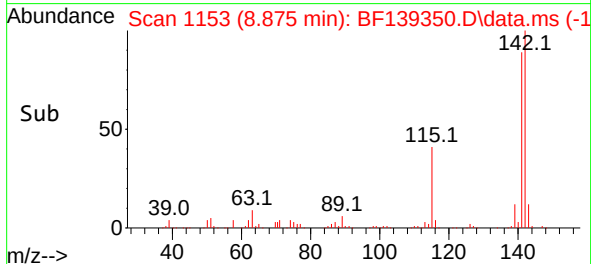
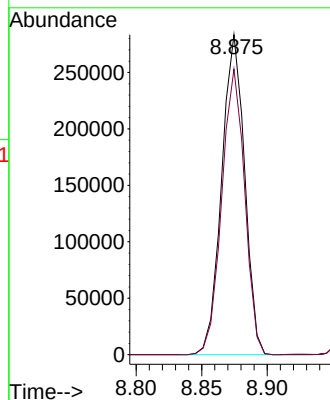
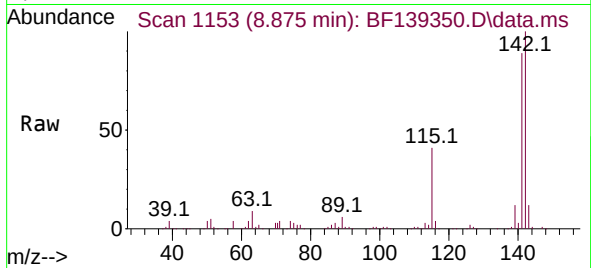
SSTDICC050

Tgt Ion:142 Resp: 344052
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4

Manual Integrations

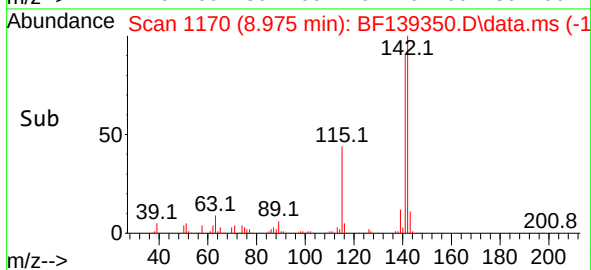
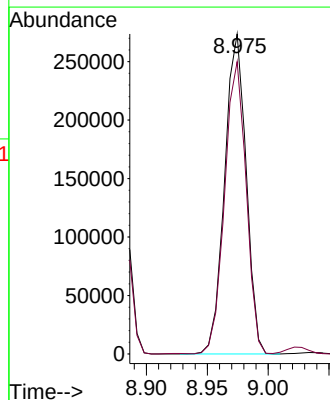
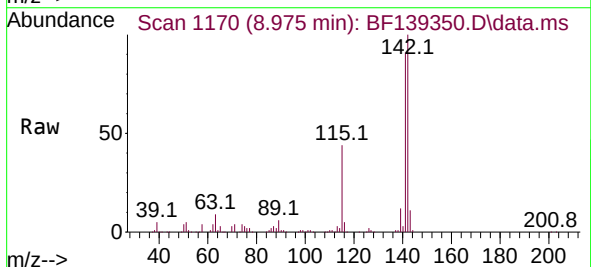
APPROVED

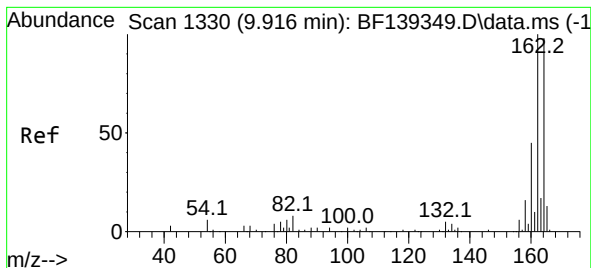
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#38
1-Methylnaphthalene
Concen: 47.357 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:142 Resp: 336046
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 118314

Delta R.T. -0.000 min

Lab File: BF139350.D

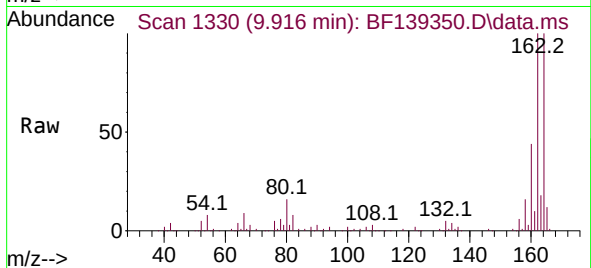
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 118314

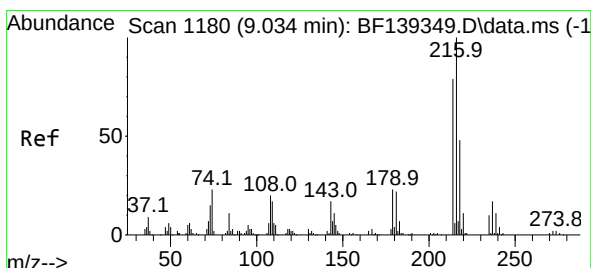
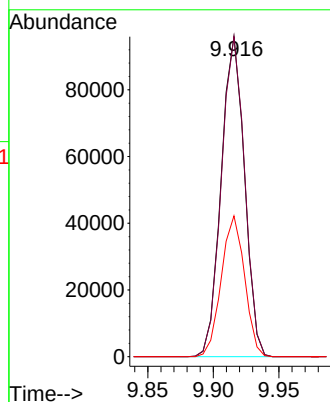
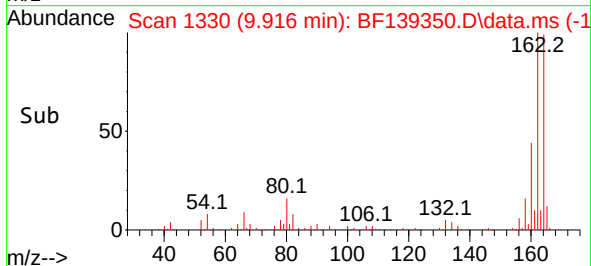
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	44.0	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.964 ng

RT: 9.039 min Scan# 1181

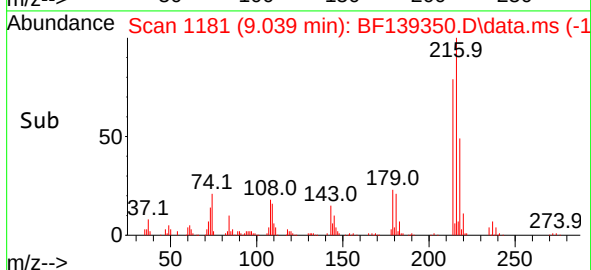
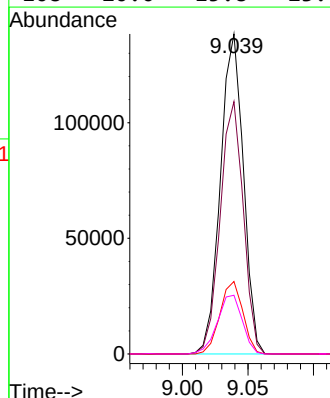
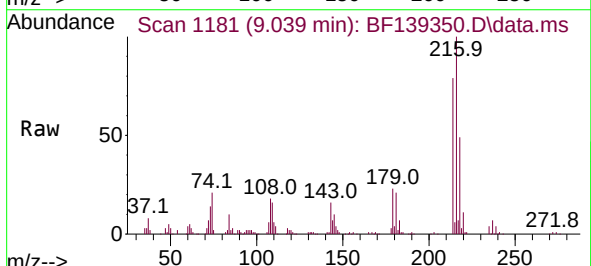
Delta R.T. 0.006 min

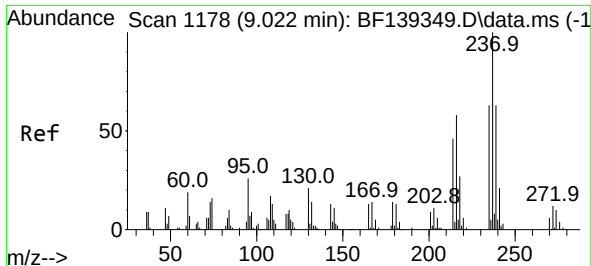
Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Tgt Ion:216 Resp: 168182

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.7	18.2	27.2
108	20.0	15.8	23.6





#41
Hexachlorocyclopentadiene
Concen: 50.004 ng
RT: 9.027 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

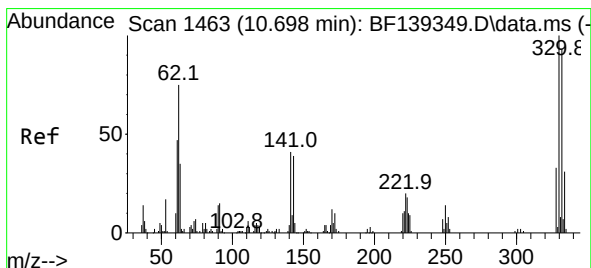
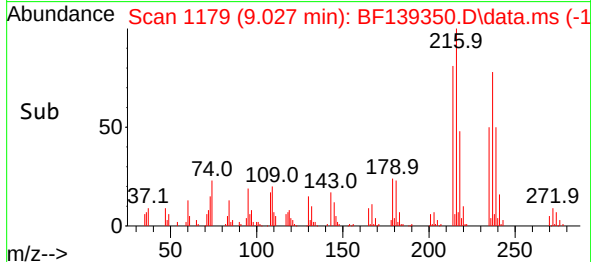
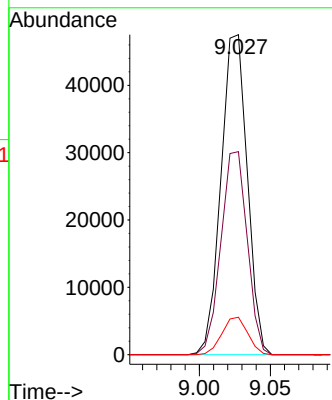
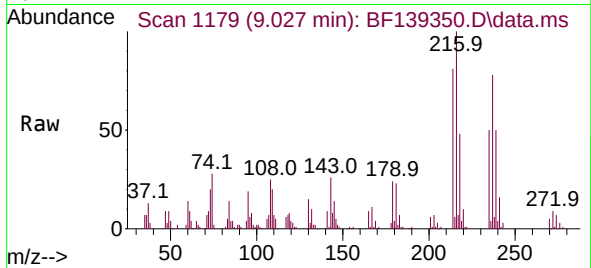
SSTDICC050

Tgt Ion: 237 Resp: 61220
Ion Ratio Lower Upper
237 100
235 63.5 42.7 82.7
272 11.7 0.0 32.5

Manual Integrations

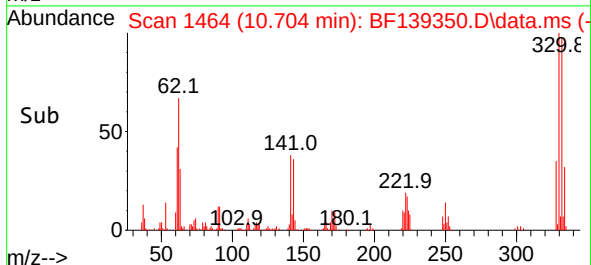
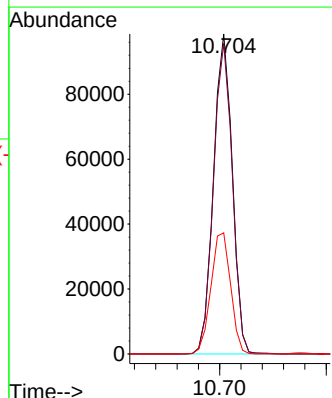
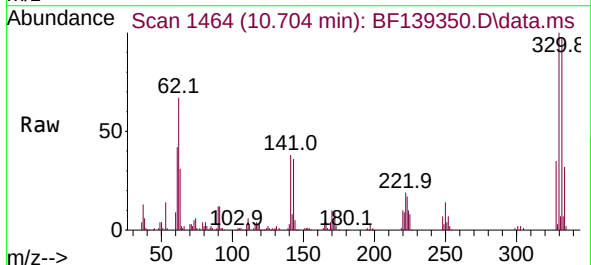
APPROVED

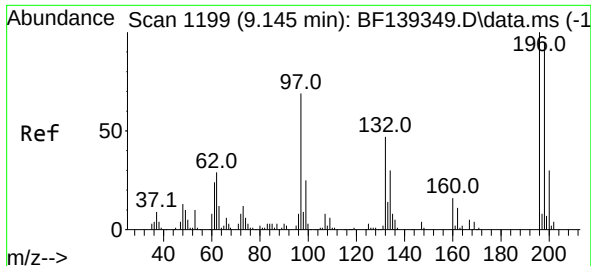
Reviewed By : Yogesh Patel 09/16/2024
Supervised By : mohammad ahmed 09/16/2024



#42
2,4,6-Tribromophenol
Concen: 95.604 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion: 330 Resp: 120422
Ion Ratio Lower Upper
330 100
332 97.4 75.2 112.8
141 39.7 31.2 46.8





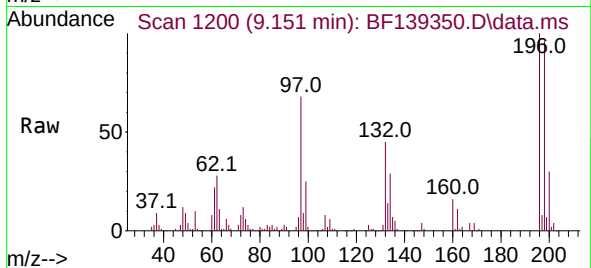
#43
2,4,6-Trichlorophenol
Concen: 47.923 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

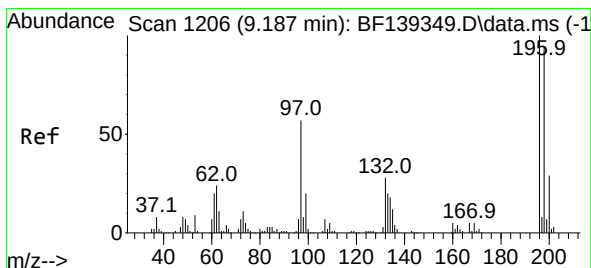
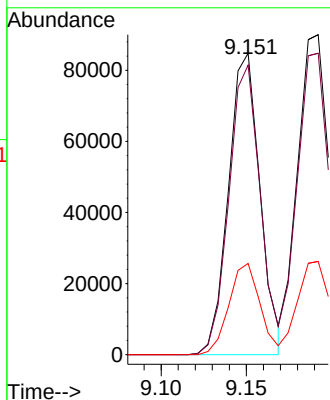
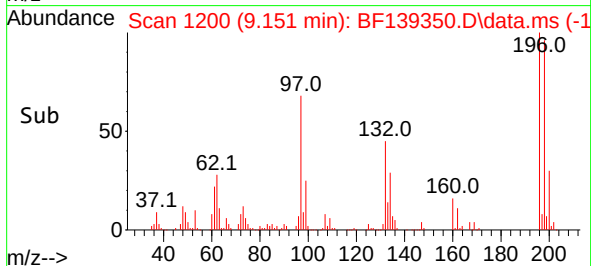


Tgt Ion:196 Resp: 10932
Ion Ratio Lower Upper
196 100
198 96.1 75.8 113.6
200 30.2 24.1 36.1

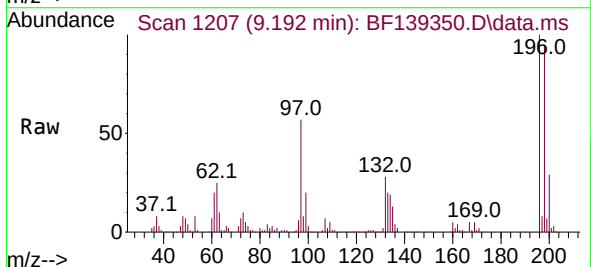
Manual Integrations

APPROVED

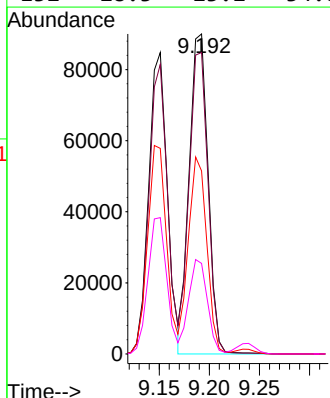
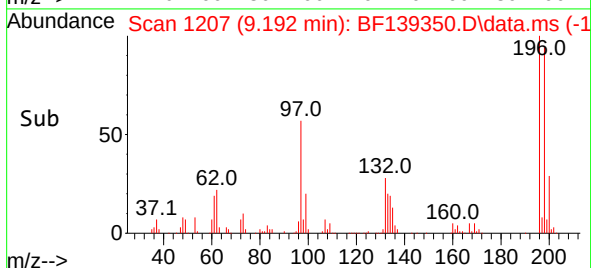
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

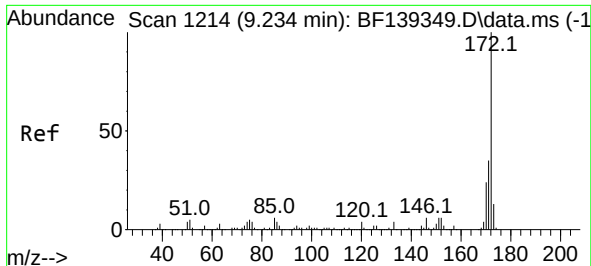


#44
2,4,5-Trichlorophenol
Concen: 49.117 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:196 Resp: 118193
Ion Ratio Lower Upper
196 100
198 94.2 74.8 112.2
97 57.2 47.3 70.9
132 28.3 23.2 34.8





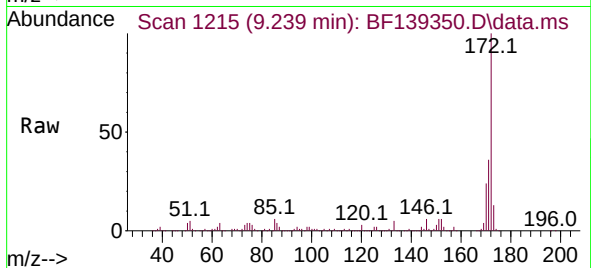
#45
2-Fluorobiphenyl
Concen: 95.192 ng
RT: 9.239 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



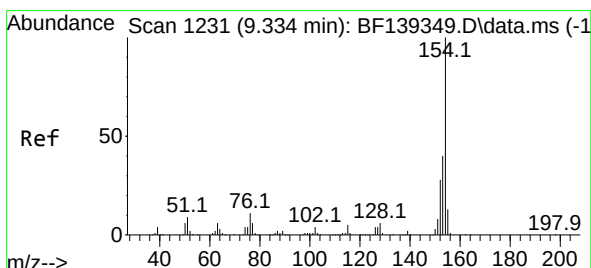
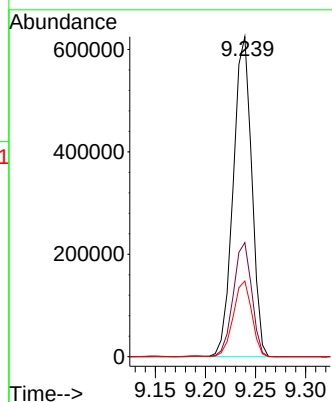
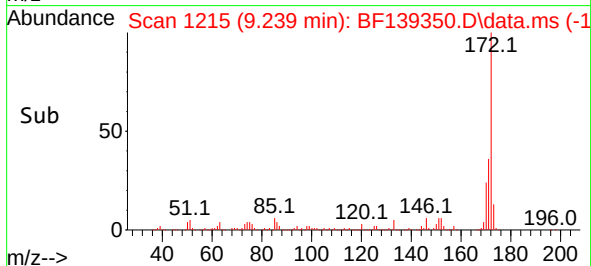
Tgt Ion:172 Resp: 80302
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 19.0 28.6

Manual Integrations

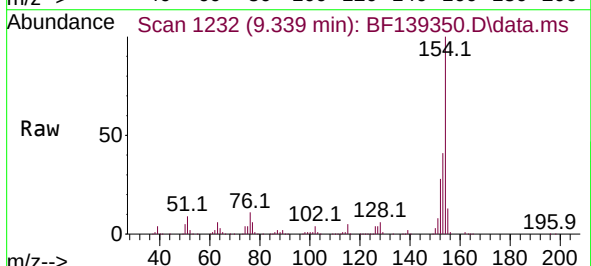
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

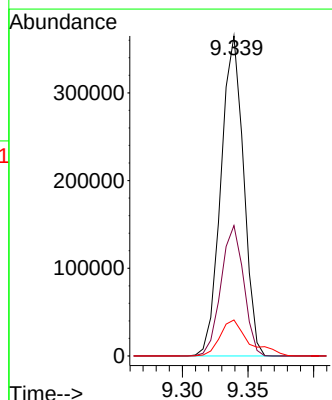
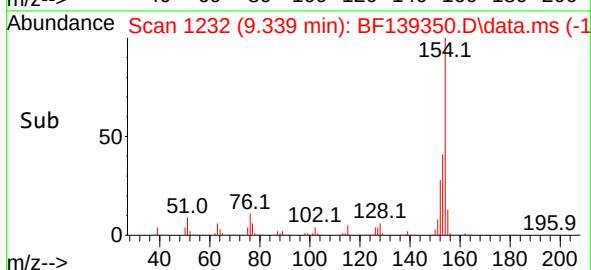
Supervised By :mohammad ahmed 09/16/2024

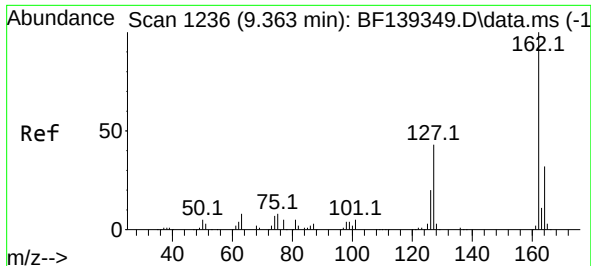


#46
1,1'-Biphenyl
Concen: 48.070 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:154 Resp: 437548
Ion Ratio Lower Upper
154 100
153 40.8 20.1 60.1
76 11.2 0.0 31.1





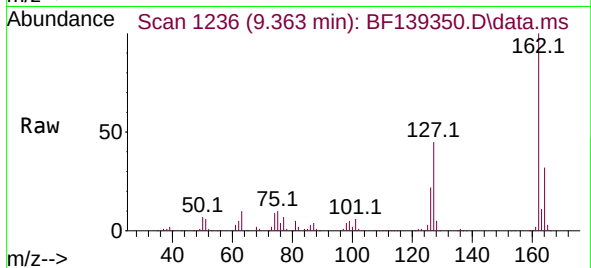
#47
2-Chloronaphthalene
Concen: 48.505 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



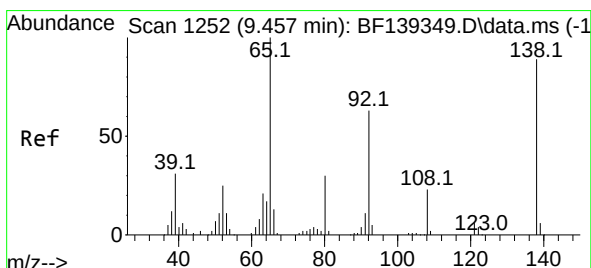
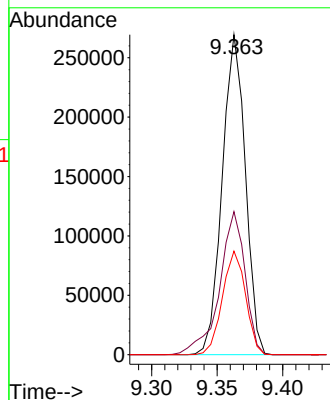
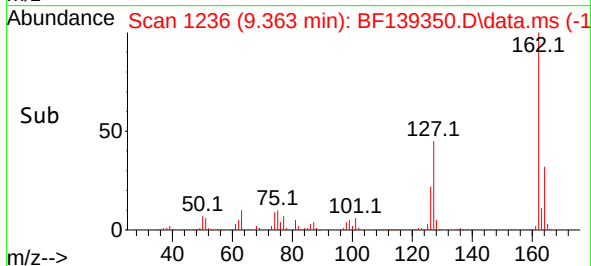
Tgt Ion:162 Resp: 330109
Ion Ratio Lower Upper
162 100
127 44.7 35.0 52.4
164 32.4 25.8 38.6

Manual Integrations

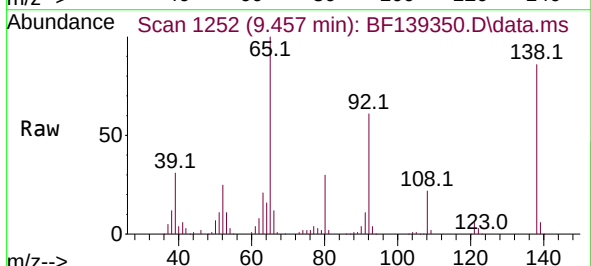
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

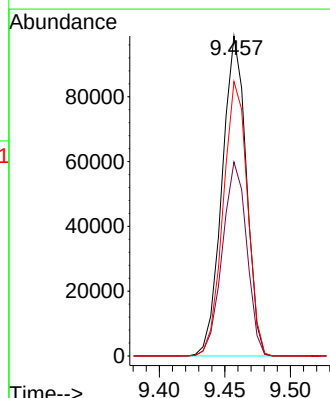
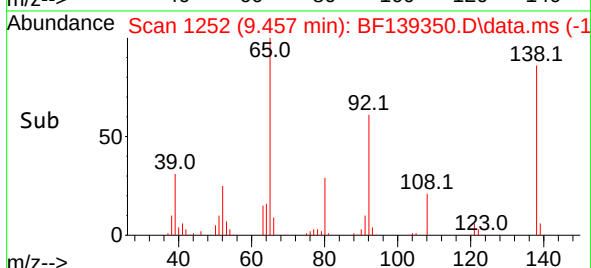
Supervised By :mohammad ahmed 09/16/2024

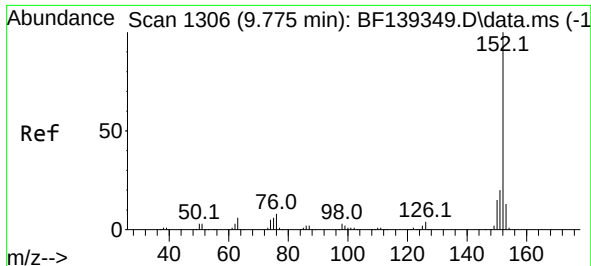


#48
2-Nitroaniline
Concen: 49.987 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion: 65 Resp: 126535
Ion Ratio Lower Upper
65 100
92 60.6 50.3 75.5
138 85.7 71.3 106.9





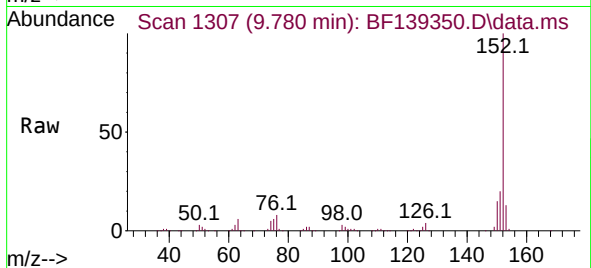
#49
Acenaphthylene
Concen: 48.531 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNF_F

ClientSampleId :

SSTDICC050



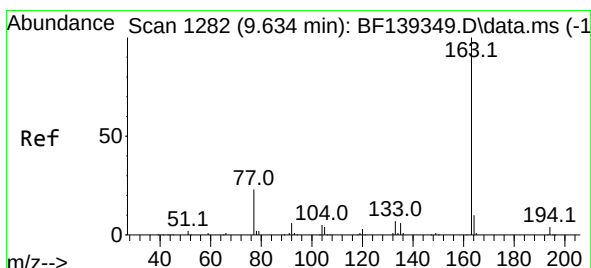
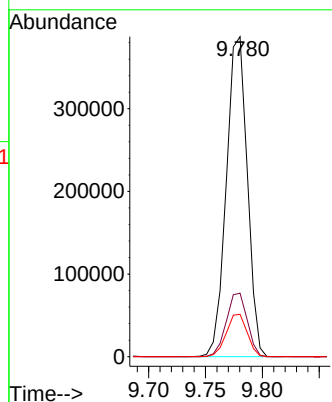
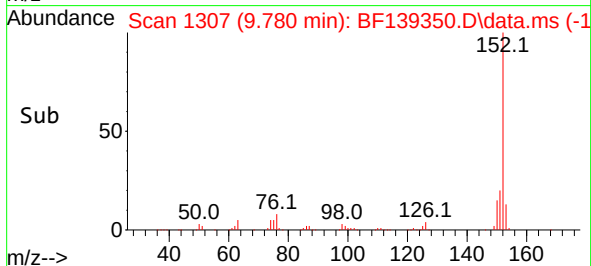
Tgt Ion:152 Resp: 497184
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.3 15.5

Manual Integrations

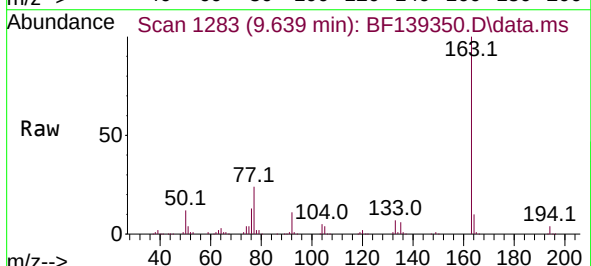
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

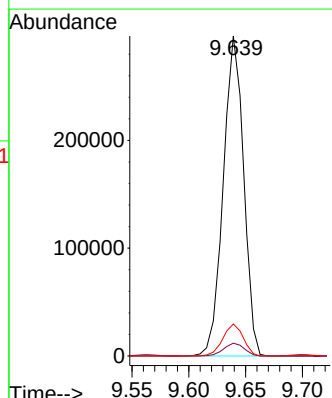
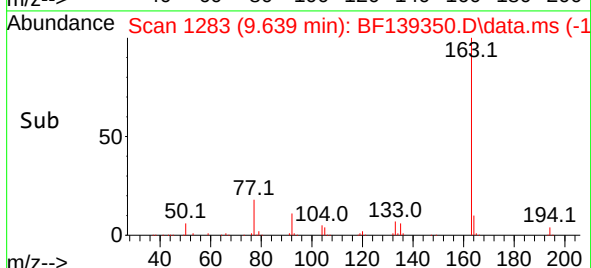
Supervised By :mohammad ahmed 09/16/2024

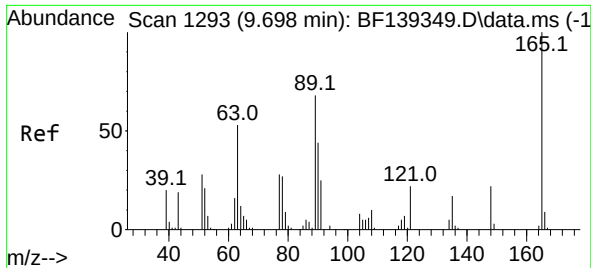


#50
Dimethylphthalate
Concen: 47.723 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:163 Resp: 370588
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.939 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

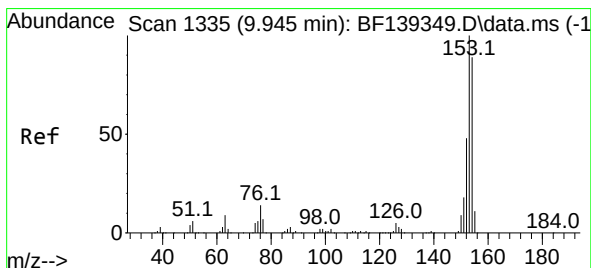
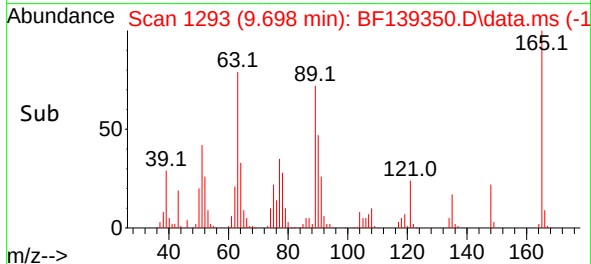
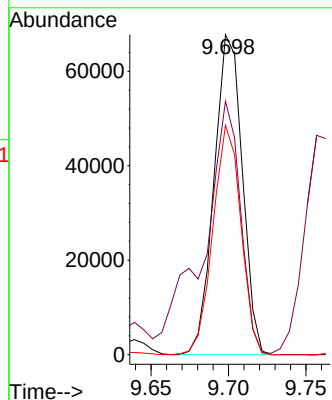
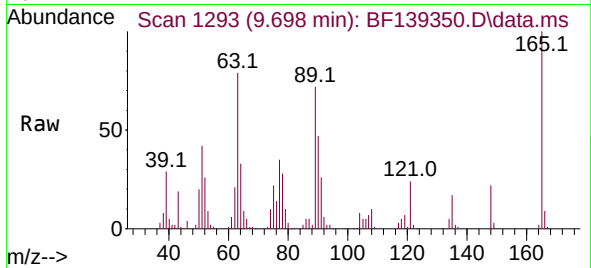
SSTDICC050

Tgt Ion:165 Resp: 85910
Ion Ratio Lower Upper
165 100
63 79.2 60.9 91.3
89 71.7 54.7 82.1

Manual Integrations

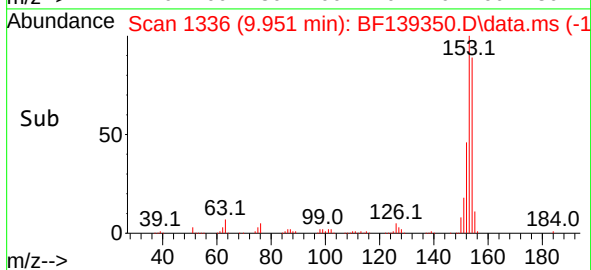
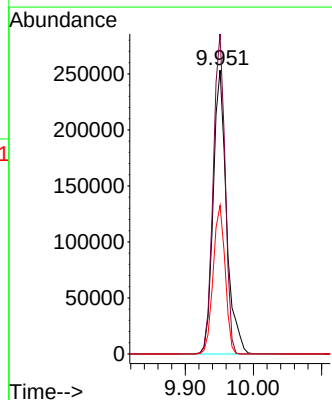
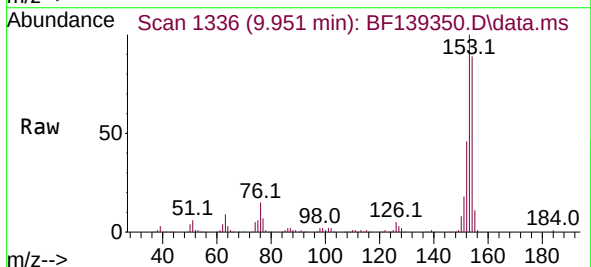
APPROVED

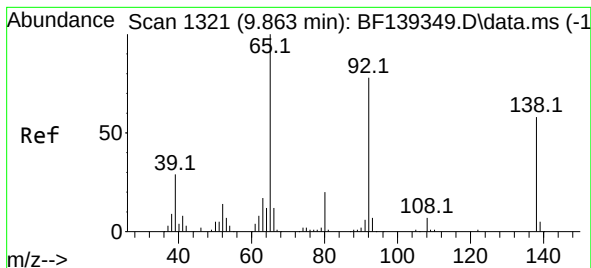
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#52
Acenaphthene
Concen: 48.356 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:154 Resp: 345749
Ion Ratio Lower Upper
154 100
153 112.8 89.5 134.3
152 52.3 42.6 64.0





#53
3-Nitroaniline
Concen: 48.815 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

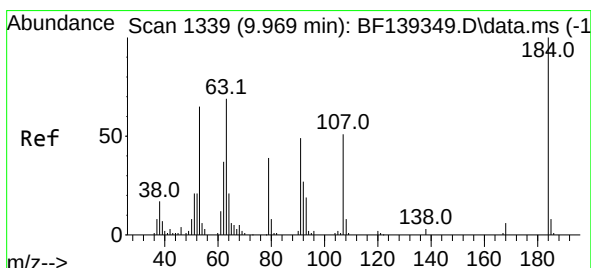
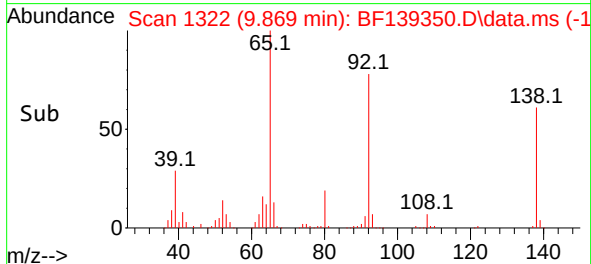
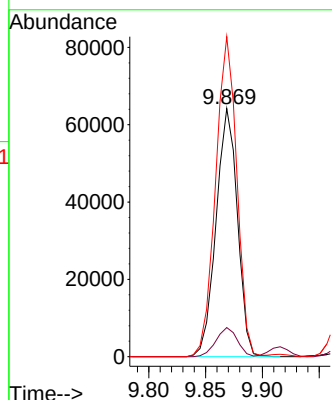
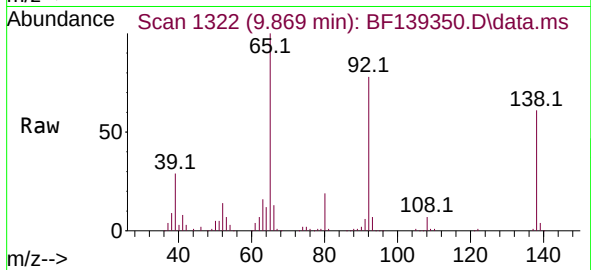
SSTDICC050

Tgt Ion:138 Resp: 83924
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.8
92 128.9 107.4 161.2

Manual Integrations

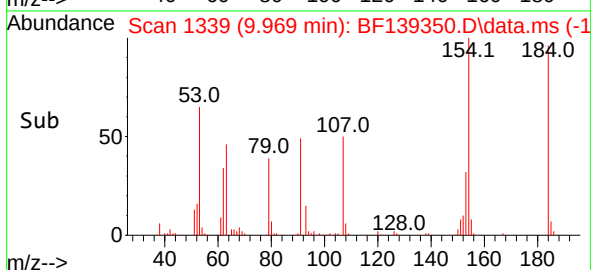
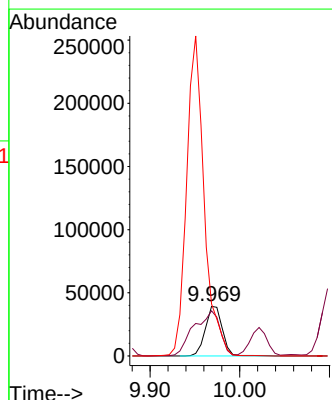
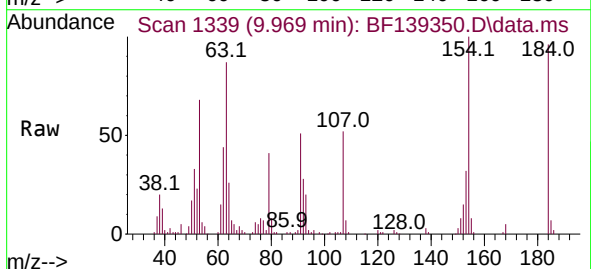
APPROVED

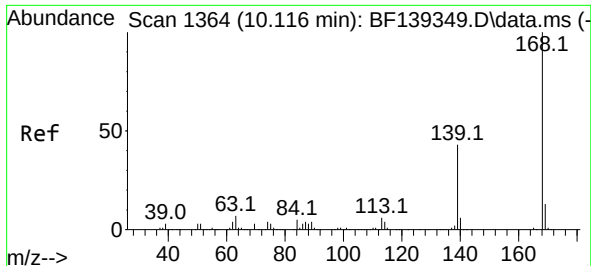
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#54
2,4-Dinitrophenol
Concen: 57.104 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

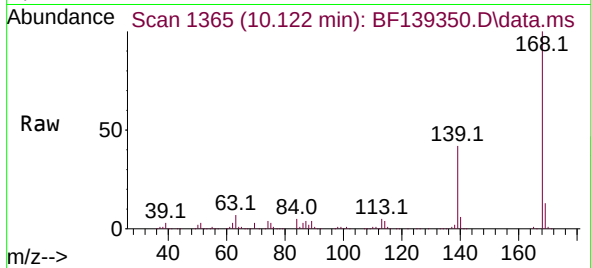
Tgt Ion:184 Resp: 51497
Ion Ratio Lower Upper
184 100
63 90.8 69.3 103.9
154 104.7 67.5 101.3#





#55
Dibenzenofuran
Concen: 47.477 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

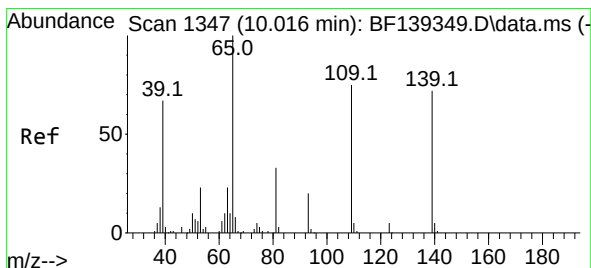
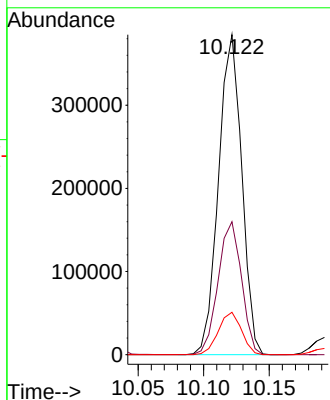
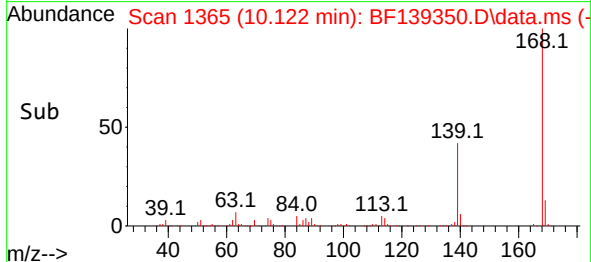
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 47314
Ion Ratio Lower Upper
168 100
139 41.5 34.1 51.1
169 13.2 10.5 15.7

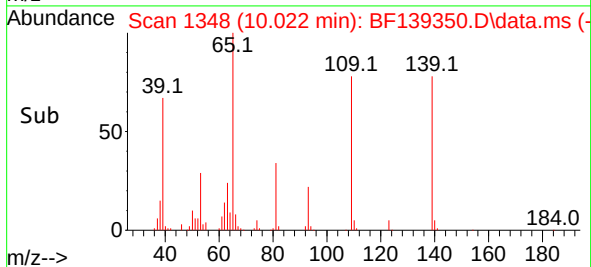
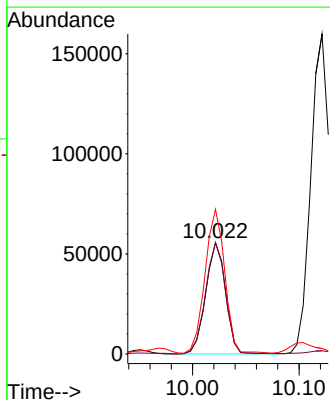
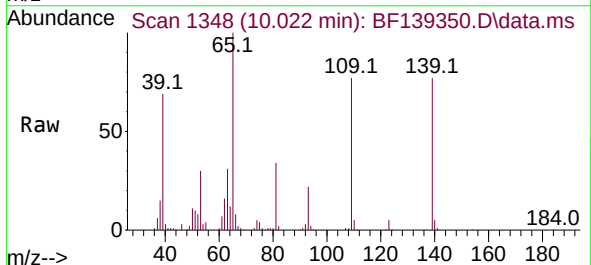
Manual Integrations
APPROVED

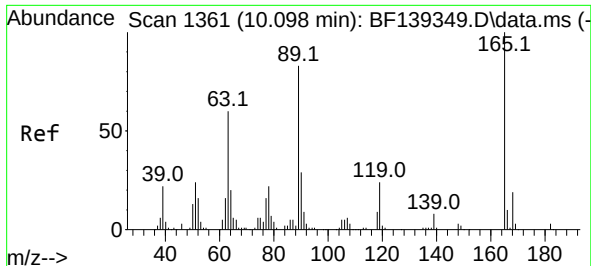
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#56
4-Nitrophenol
Concen: 50.685 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:139 Resp: 72103
Ion Ratio Lower Upper
139 100
109 100.3 84.1 124.1
65 130.1 120.0 160.0





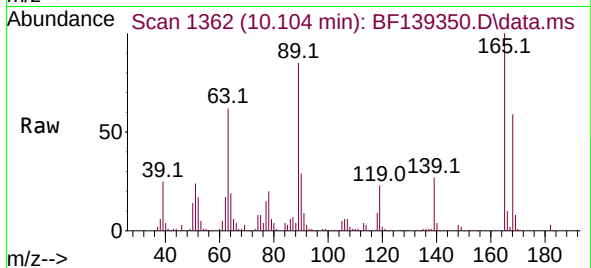
#57
2,4-Dinitrotoluene
Concen: 49.465 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



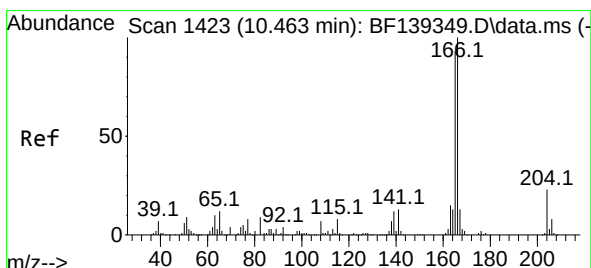
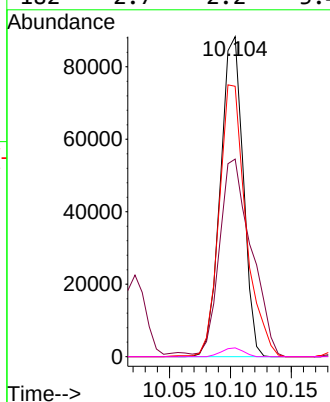
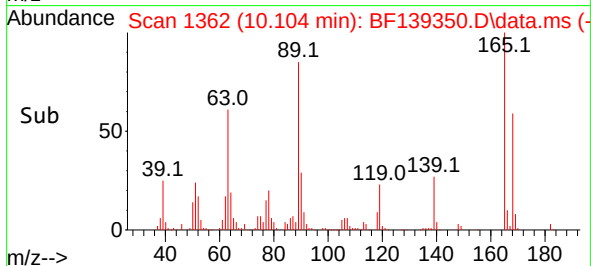
Tgt Ion:165 Resp: 114884
Ion Ratio Lower Upper
165 100
63 61.8 47.8 71.6
89 84.5 66.7 100.1
182 2.7 2.2 3.4

Manual Integrations

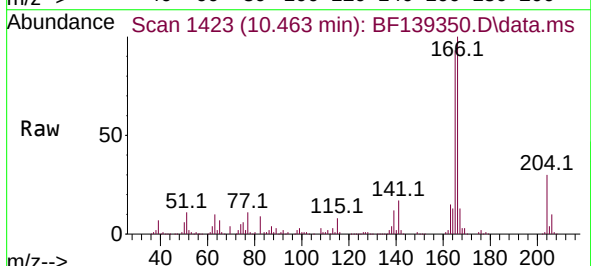
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

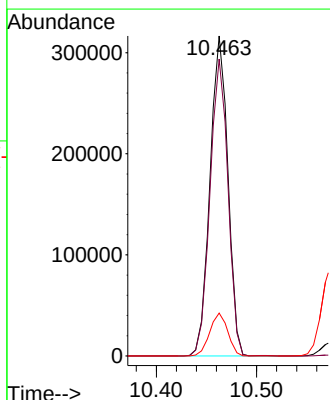
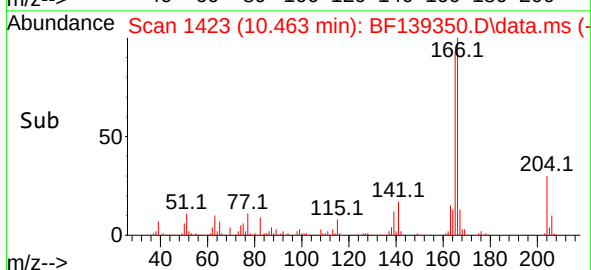
Supervised By :mohammad ahmed 09/16/2024

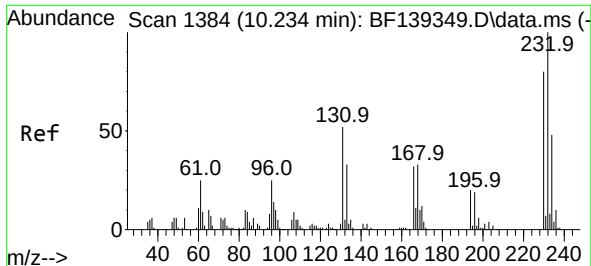


#58
Fluorene
Concen: 48.191 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:166 Resp: 391850
Ion Ratio Lower Upper
166 100
165 92.8 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.219 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

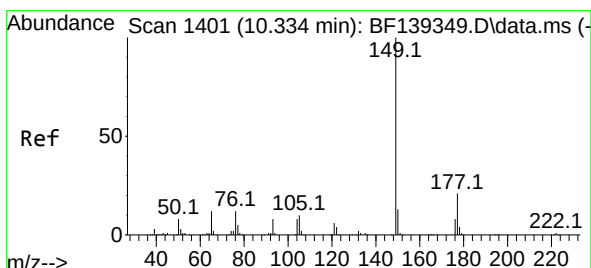
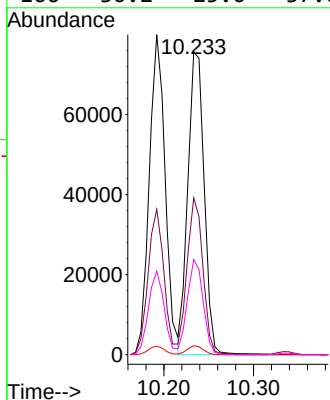
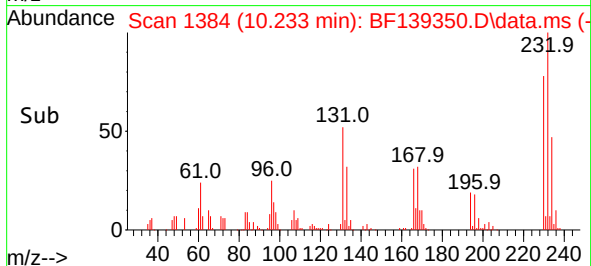
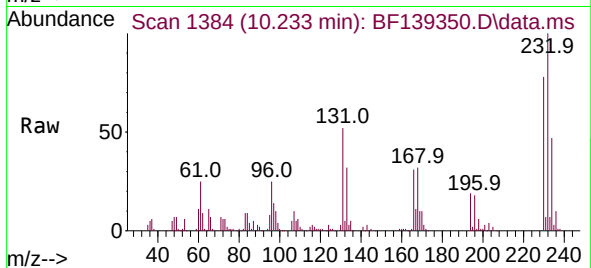
Tgt Ion:232 Resp: 95980
Ion Ratio Lower Upper
232 100
131 49.7 40.7 61.1
130 2.8 2.2 3.2
166 30.2 25.0 37.6

Manual Integrations

APPROVED

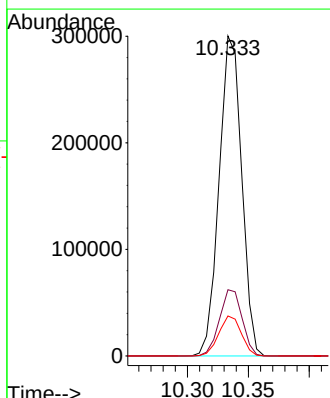
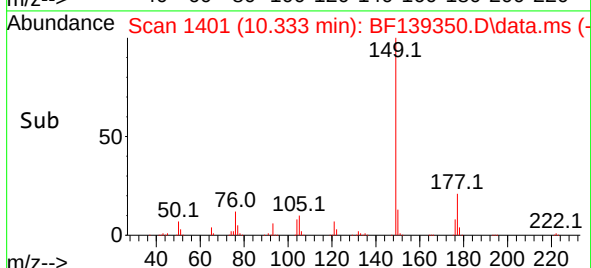
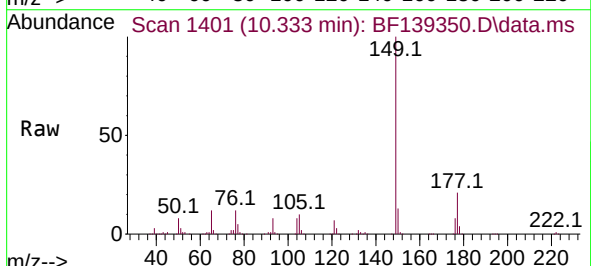
Reviewed By :Yogesh Patel 09/16/2024

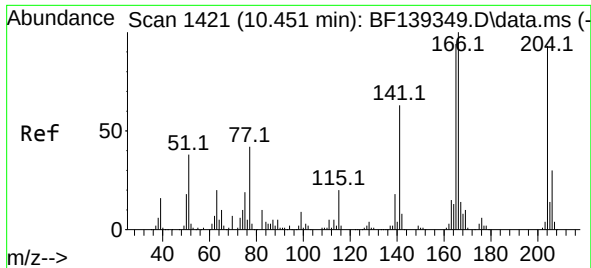
Supervised By :mohammad ahmed 09/16/2024



#60
Diethylphthalate
Concen: 48.314 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

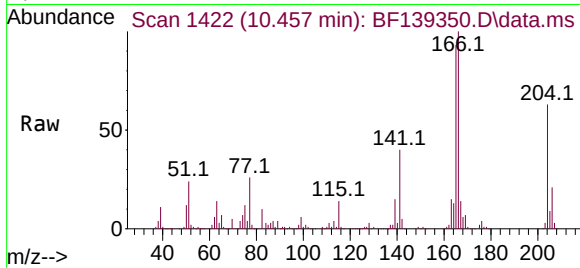
Tgt Ion:149 Resp: 387175
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 12.5 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 48.061 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

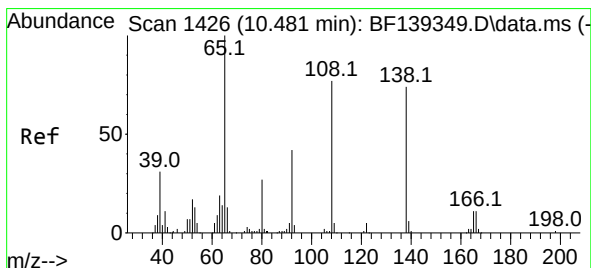
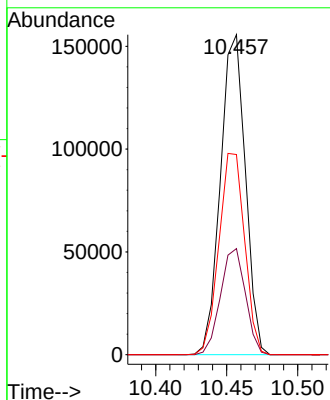
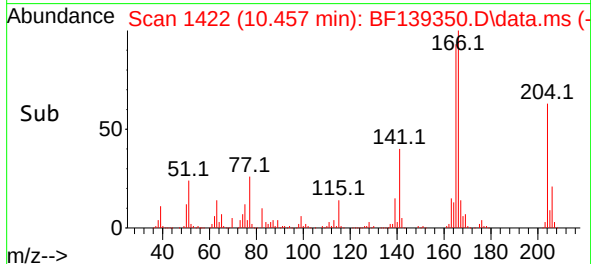
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 189920
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 62.5 53.9 80.9

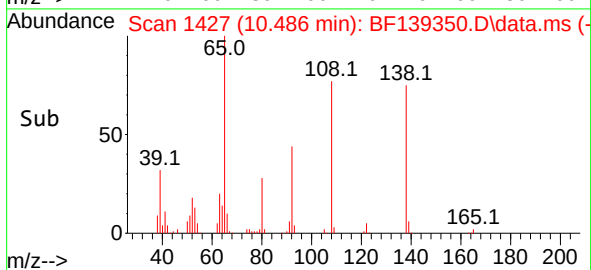
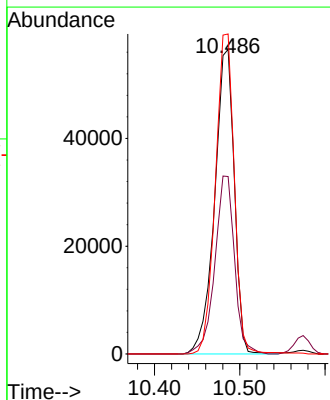
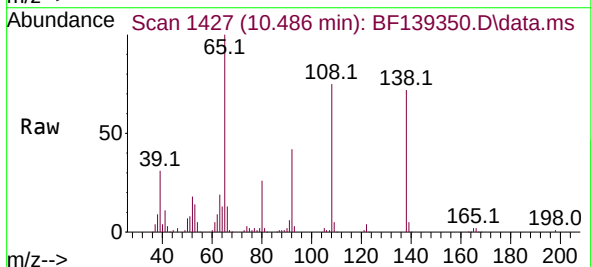
Manual Integrations
APPROVED

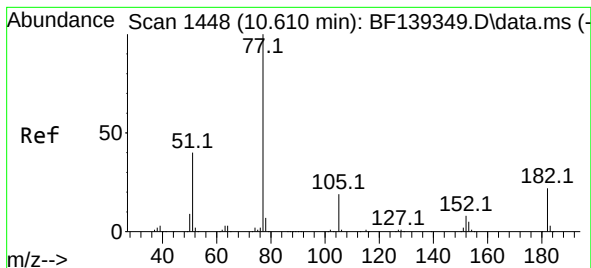
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#62
4-Nitroaniline
Concen: 48.340 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:138 Resp: 90703
Ion Ratio Lower Upper
138 100
92 58.3 37.0 77.0
108 105.0 84.4 124.4





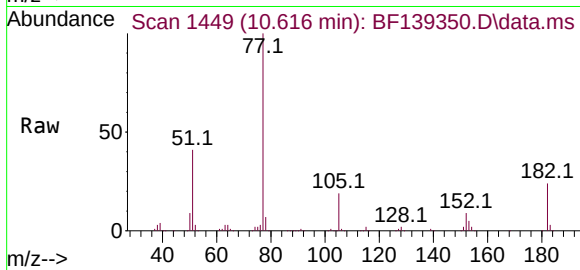
#63
Azobenzene
Concen: 48.019 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



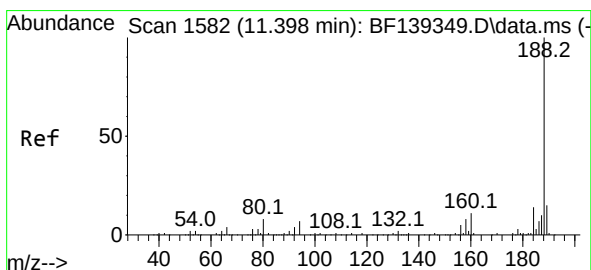
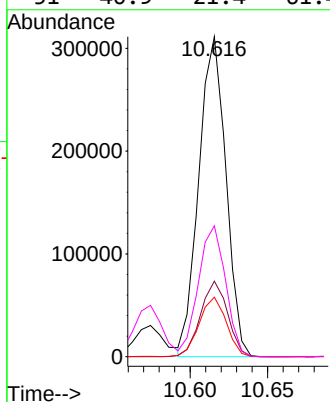
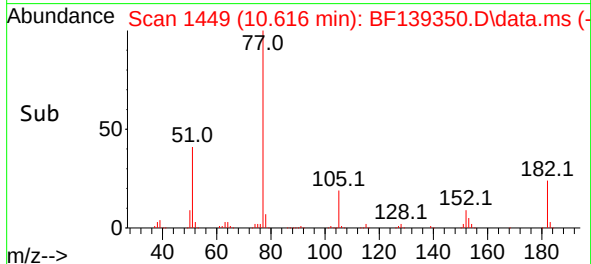
Tgt Ion: 77 Resp: 37848
Ion Ratio Lower Upper
77 100
182 23.6 1.8 41.8
105 18.6 0.0 38.6
51 40.9 21.4 61.4

Manual Integrations

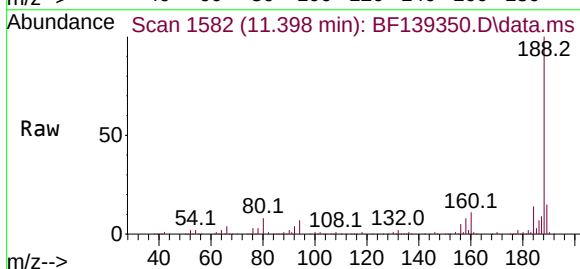
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

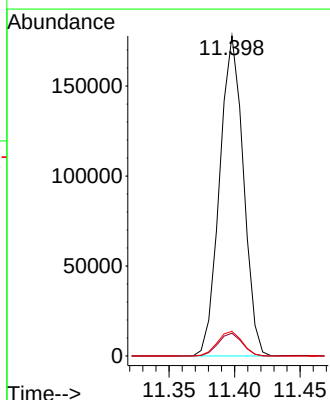
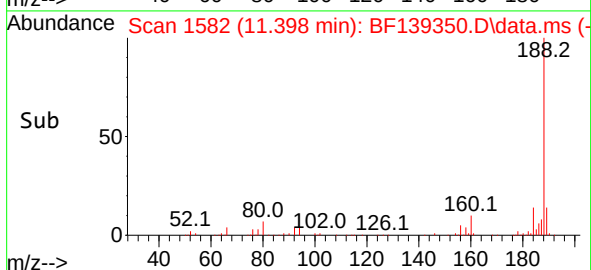
Supervised By :mohammad ahmed 09/16/2024

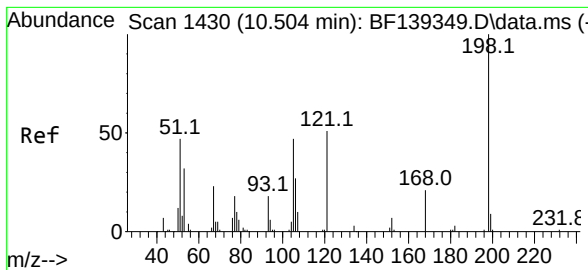


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



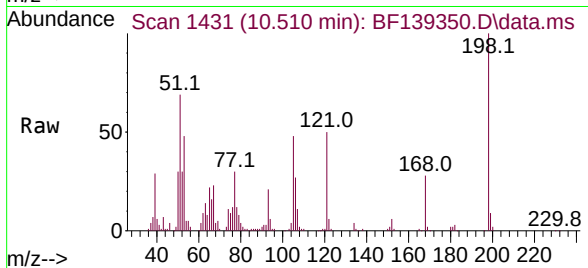
Tgt Ion:188 Resp: 224385
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.7 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.312 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

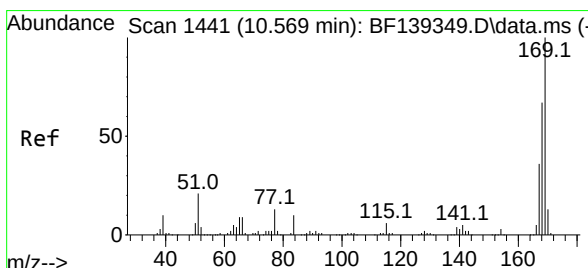
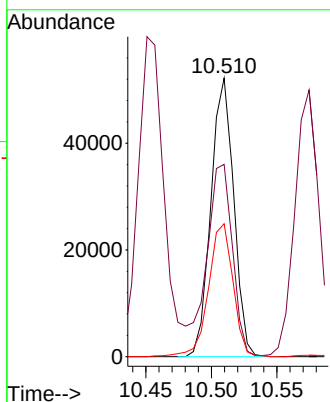
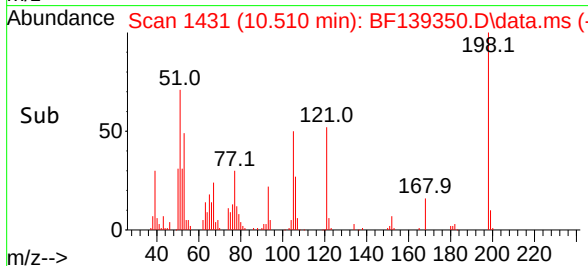
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



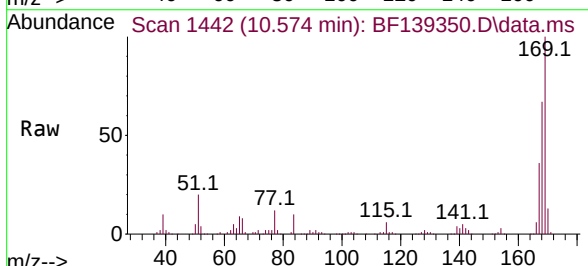
Tgt Ion:198 Resp: 63130
Ion Ratio Lower Upper
198 100
51 69.1 50.4 90.4
105 47.7 28.3 68.3

Manual Integrations
APPROVED

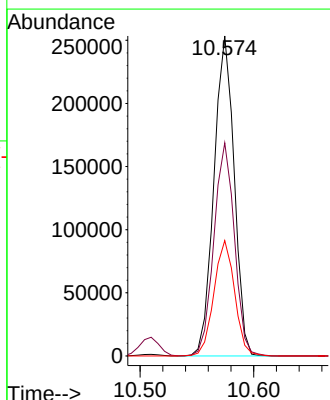
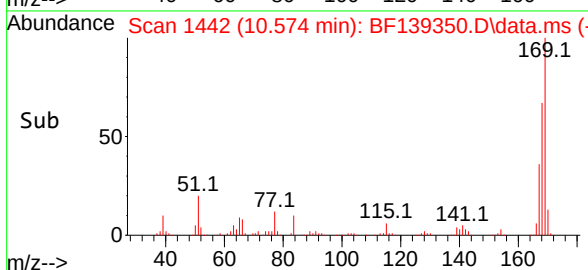
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

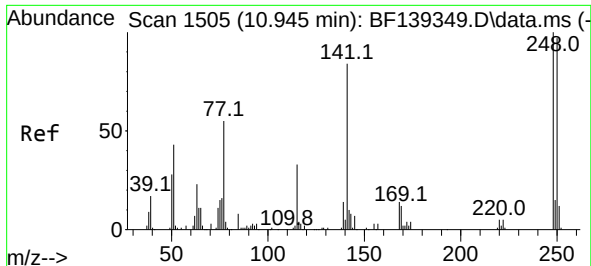


#66
n-Nitrosodiphenylamine
Concen: 47.849 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



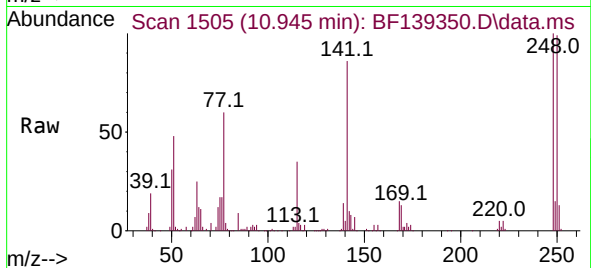
Tgt Ion:169 Resp: 313904
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.254 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

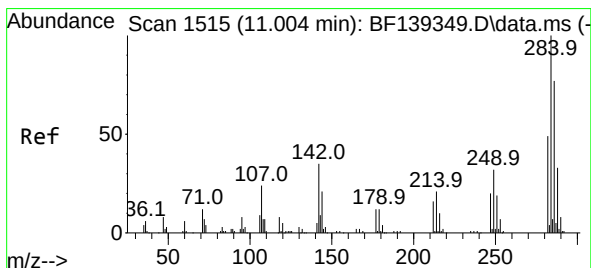
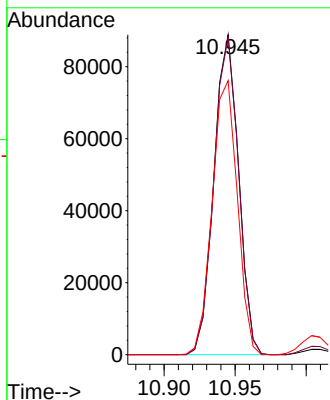
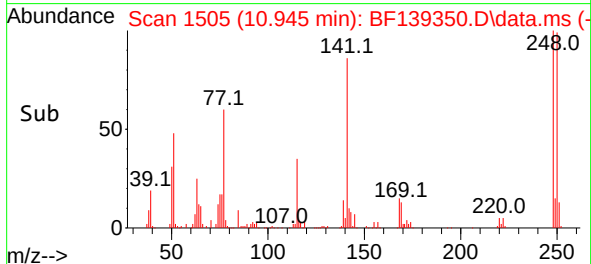
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



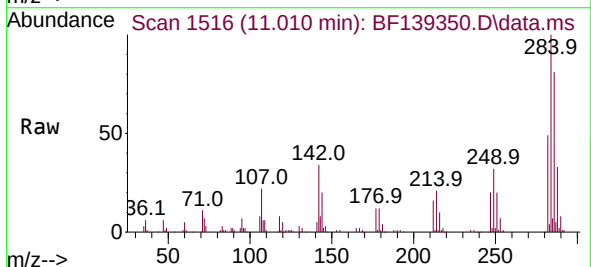
Tgt Ion:248 Resp: 107298
Ion Ratio Lower Upper
248 100
250 99.2 77.6 116.4
141 85.7 66.9 100.3

Manual Integrations
APPROVED

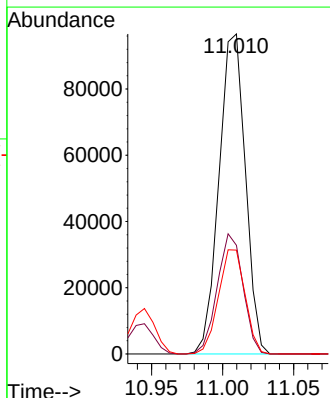
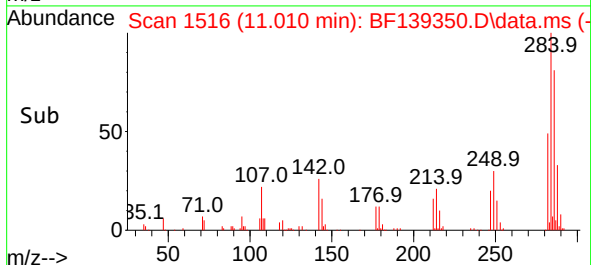
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

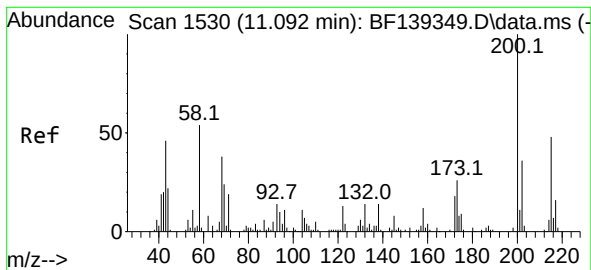


#68
Hexachlorobenzene
Concen: 47.865 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:284 Resp: 124911
Ion Ratio Lower Upper
284 100
142 34.0 28.0 42.0
249 32.5 25.3 37.9





#69

Atrazine

Concen: 50.583 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

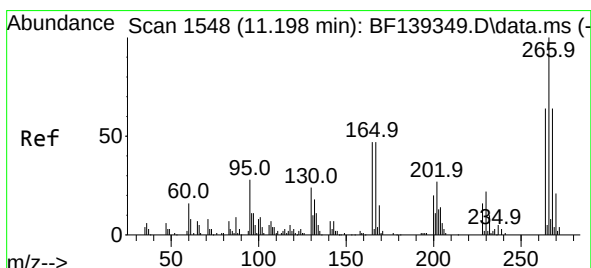
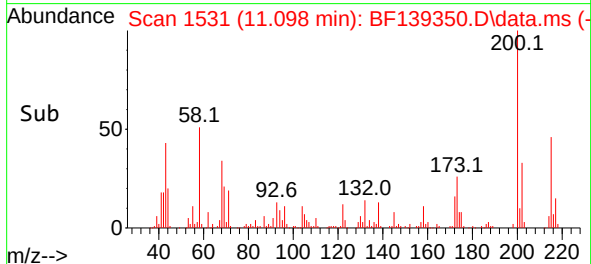
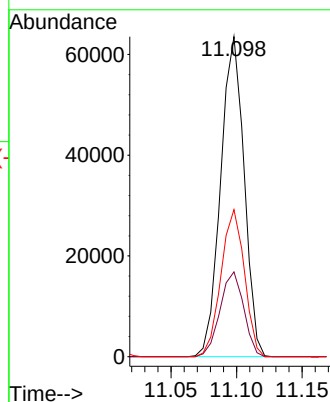
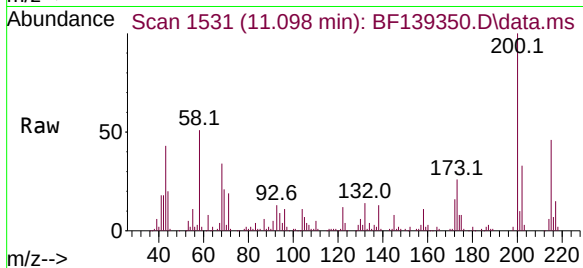
Tgt Ion:200 Resp: 79000
Ion Ratio Lower Upper
200 100
173 26.5 6.1 46.1
215 45.9 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#70

Pentachlorophenol

Concen: 49.215 ng

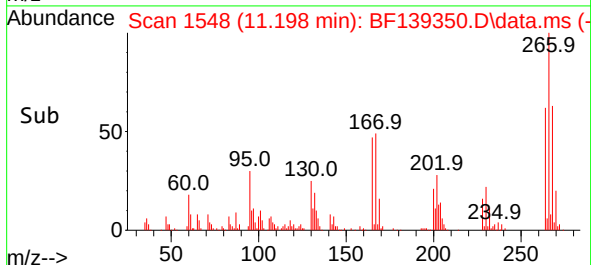
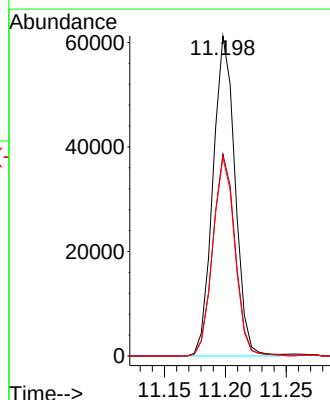
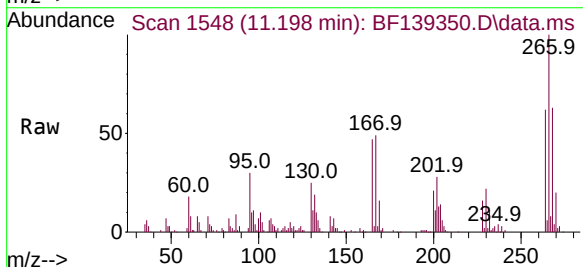
RT: 11.198 min Scan# 1548

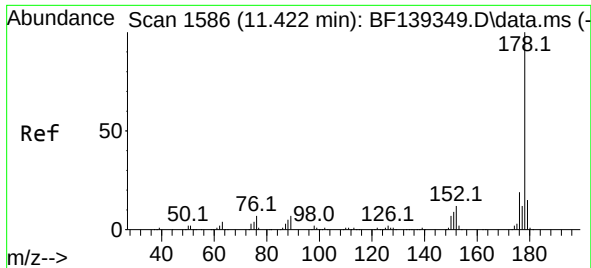
Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

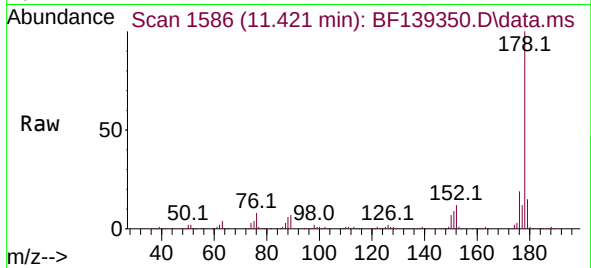
Tgt Ion:266 Resp: 77067
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 62.1 51.4 77.0





#71
Phenanthrene
Concen: 48.623 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

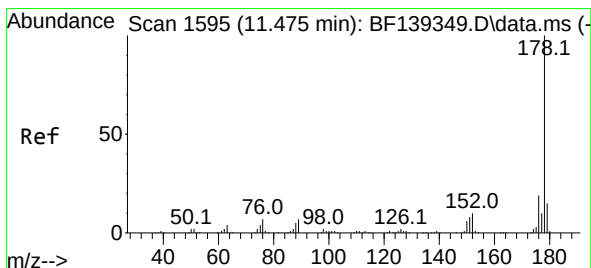
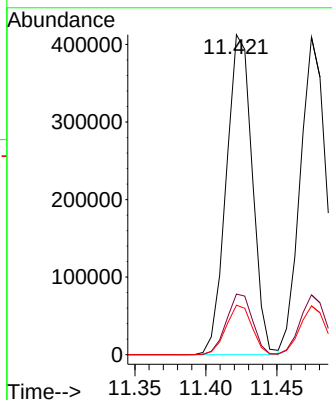
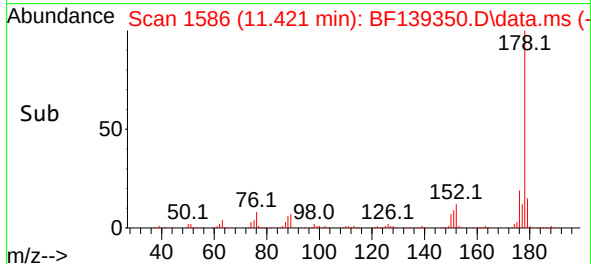
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 526370
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.4 12.2 18.4

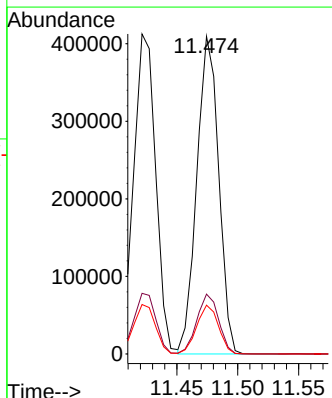
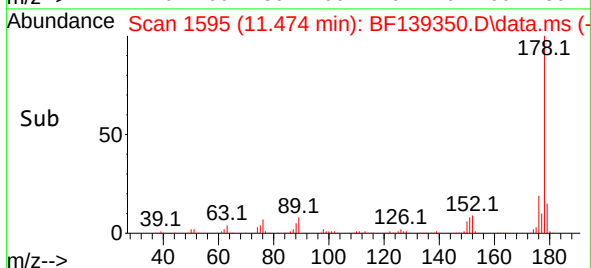
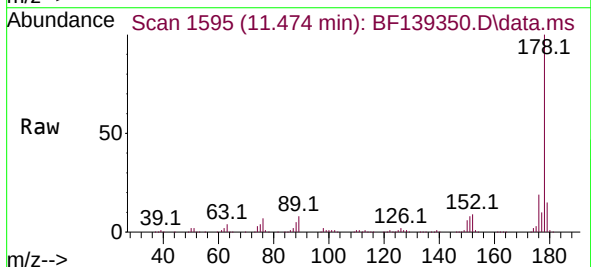
Manual Integrations
APPROVED

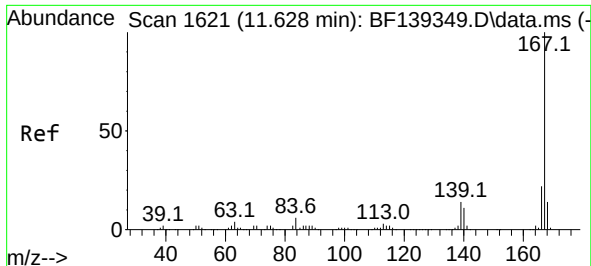
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 48.370 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Tgt Ion:178 Resp: 511970
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.0 18.0





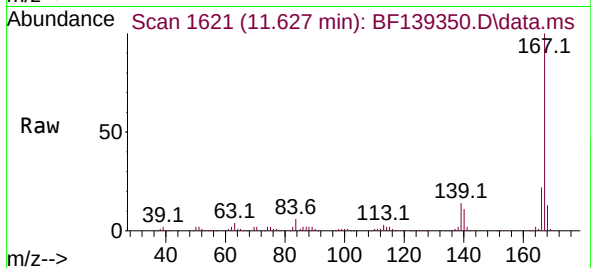
#73
 Carbazole
 Concen: 48.799 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139350.D
 Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

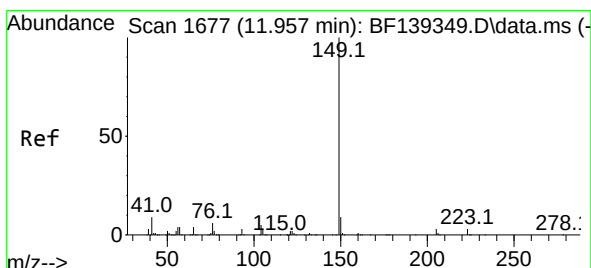
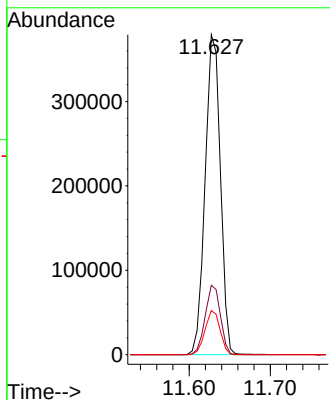
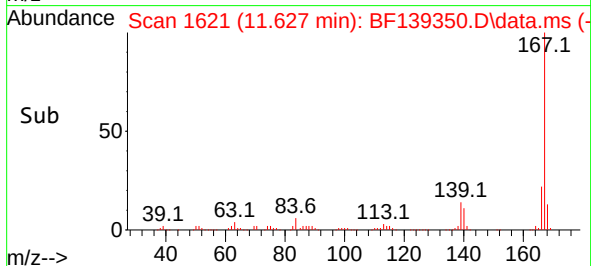


Tgt Ion:167 Resp: 494354
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.8 10.9 16.3

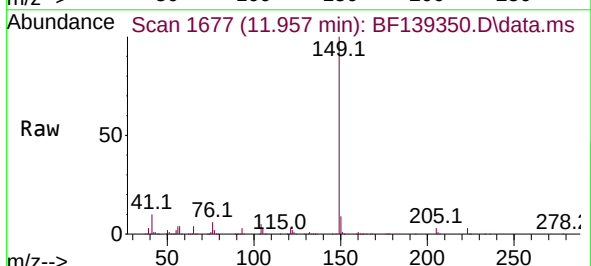
Manual Integrations

APPROVED

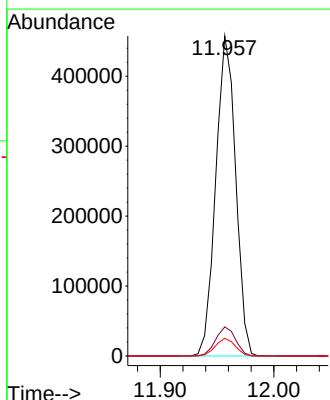
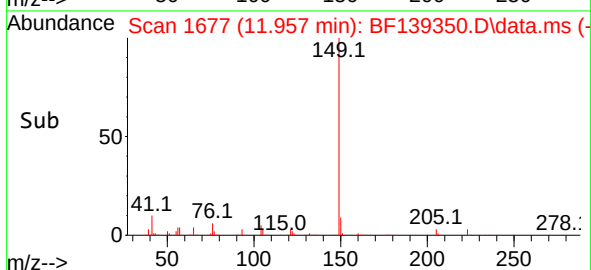
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

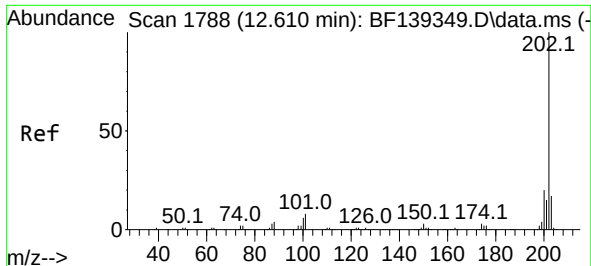


#74
 Di-n-butylphthalate
 Concen: 49.283 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139350.D
 Acq: 13 Sep 2024 17:51



Tgt Ion:149 Resp: 556151
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 46.457 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

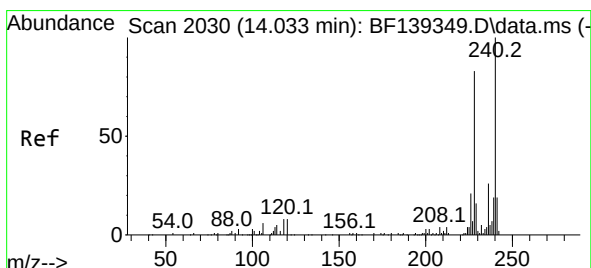
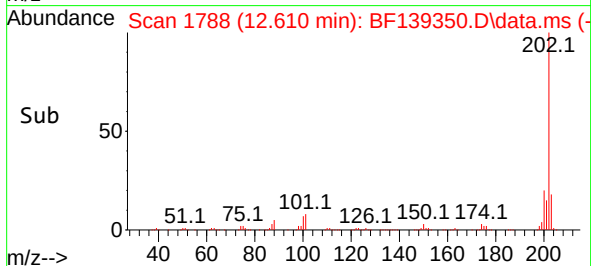
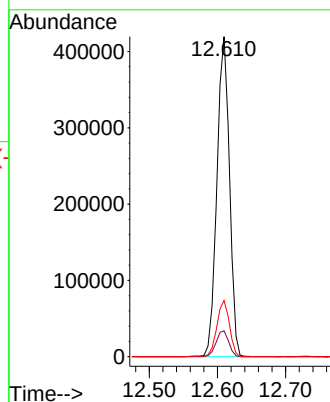
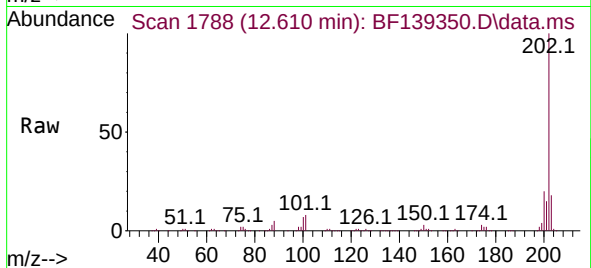
SSTDICC050

Tgt Ion:202 Resp: 537080
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.7
203 17.5 0.0 37.4

Manual Integrations

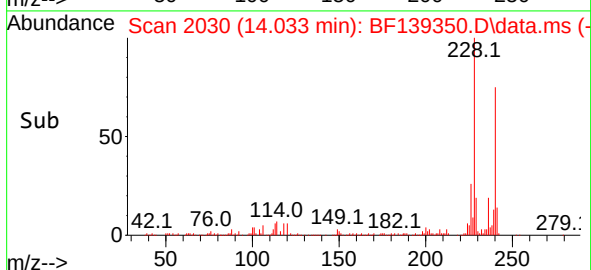
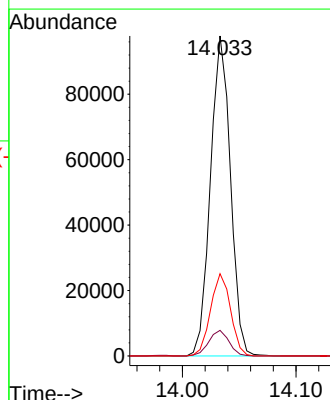
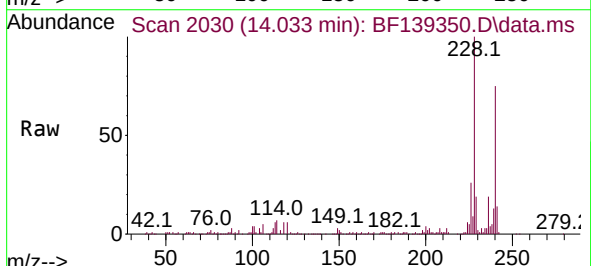
APPROVED

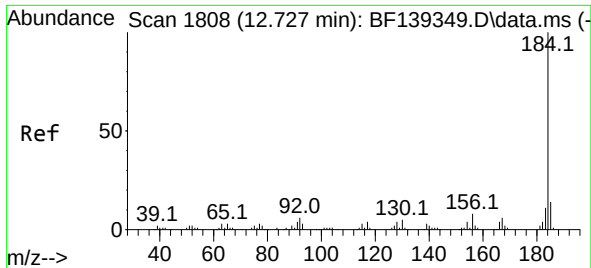
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

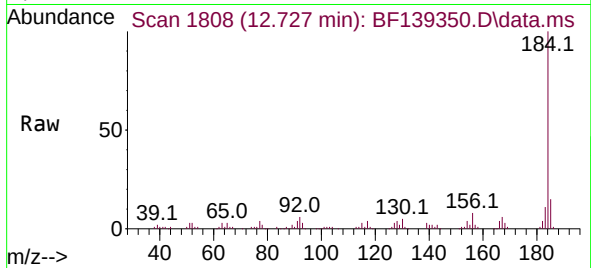
Tgt Ion:240 Resp: 119656
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 25.7 20.9 31.3





#77
Benzidine
Concen: 46.936 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

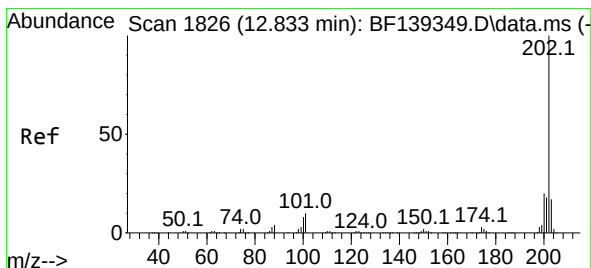
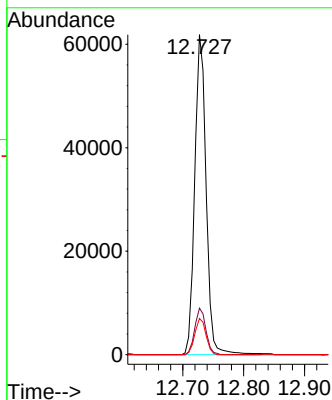
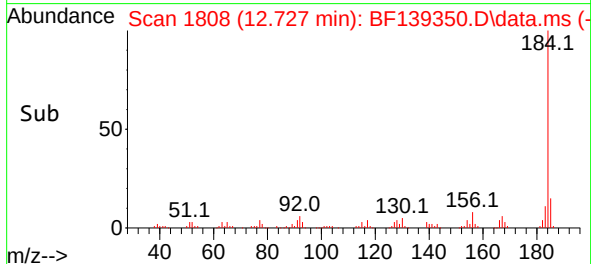
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



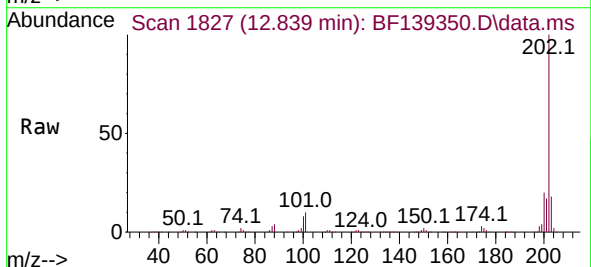
Tgt Ion:184 Resp: 8046
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.3 8.9 13.3

Manual Integrations
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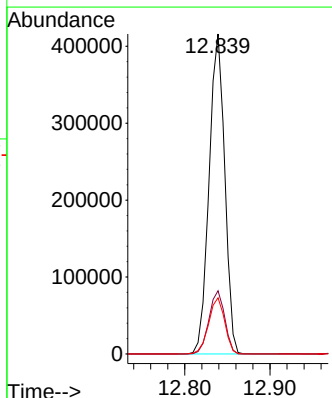
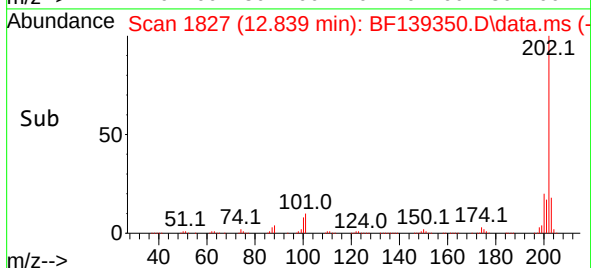
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

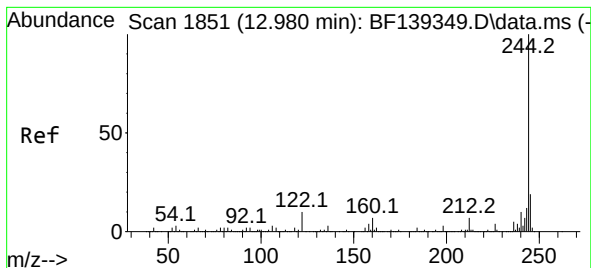


#78
Pyrene
Concen: 51.662 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:202 Resp: 530780
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 101.657 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139350.D

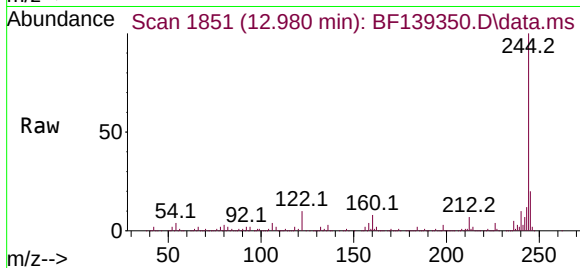
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



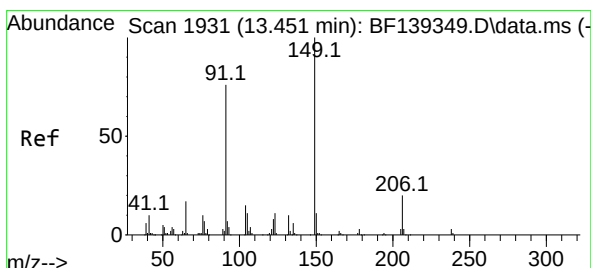
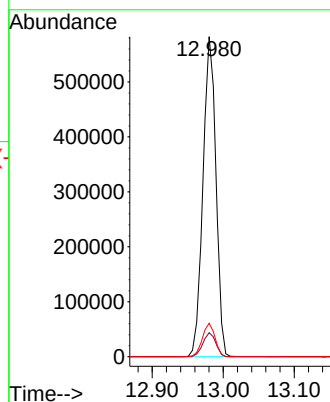
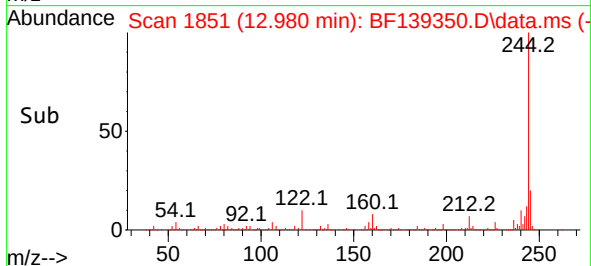
Tgt Ion:	244	Resp:	741072
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	10.4	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#80

Butylbenzylphthalate

Concen: 50.037 ng

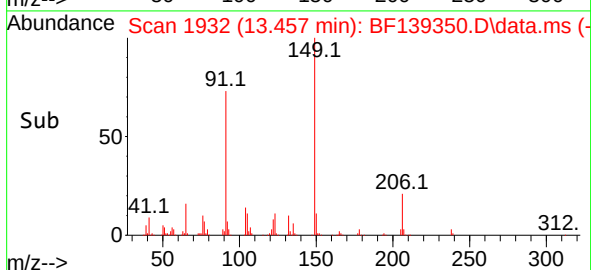
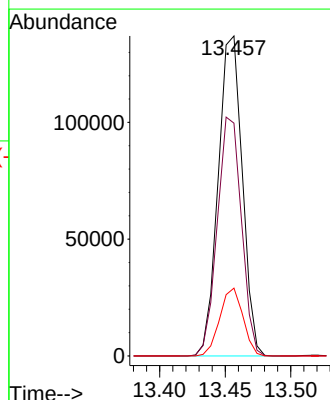
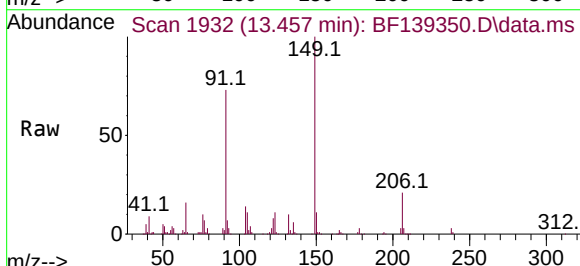
RT: 13.457 min Scan# 1932

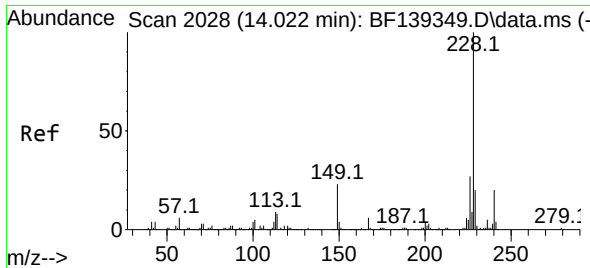
Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Tgt Ion:	149	Resp:	174982
Ion Ratio	Lower	Upper	
149	100		
91	72.8	60.9	91.3
206	21.2	15.8	23.8





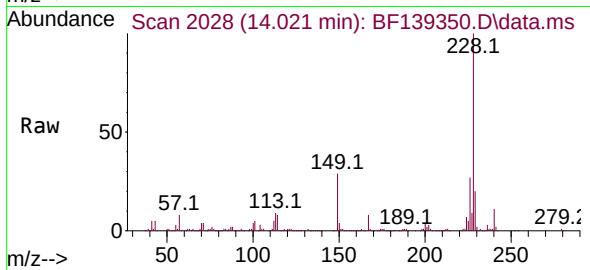
#81
Benzo(a)anthracene
Concen: 47.639 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

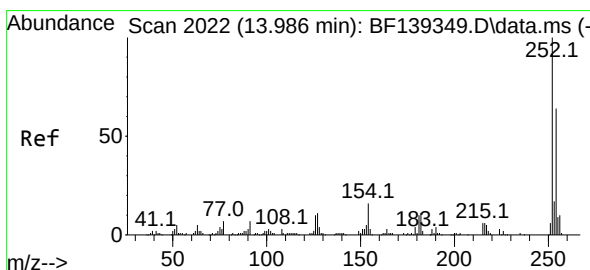
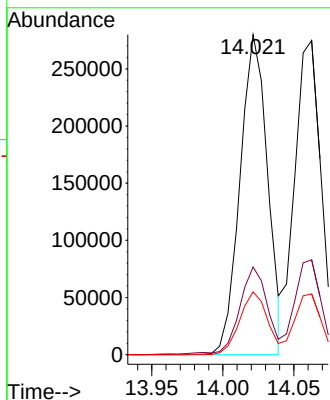
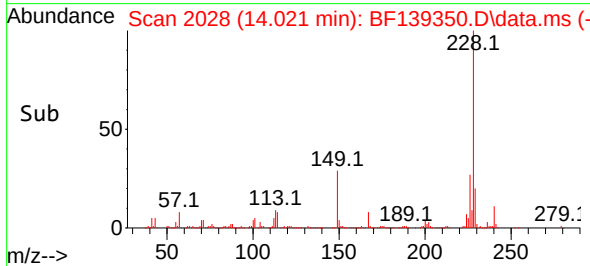
SSTDICC050



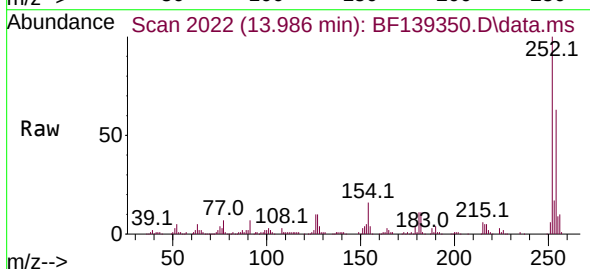
Tgt Ion:228 Resp: 377584
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations
APPROVED

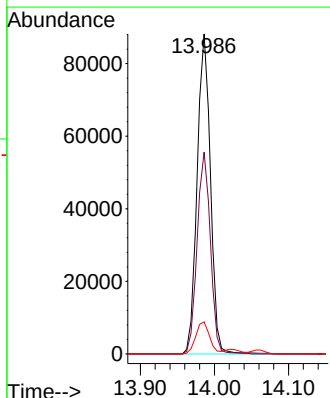
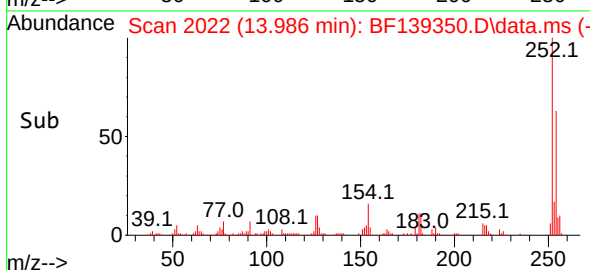
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

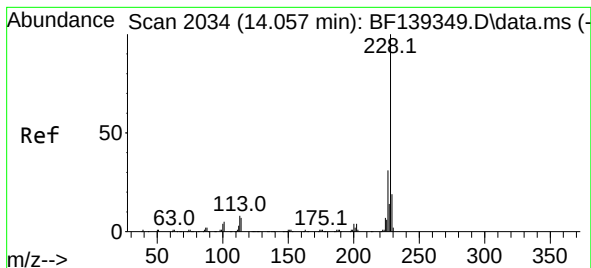


#82
3,3'-Dichlorobenzidine
Concen: 47.356 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:252 Resp: 109919
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.2
126 10.1 7.7 11.5





#83

Chrysene

Concen: 48.617 ng

RT: 14.062 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

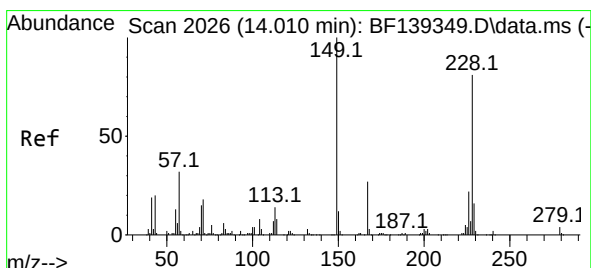
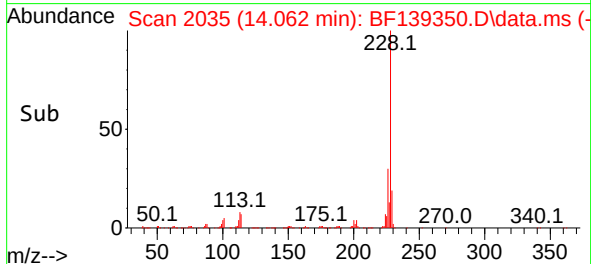
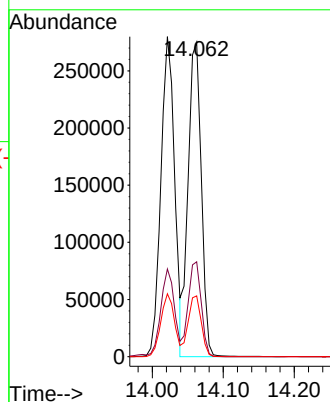
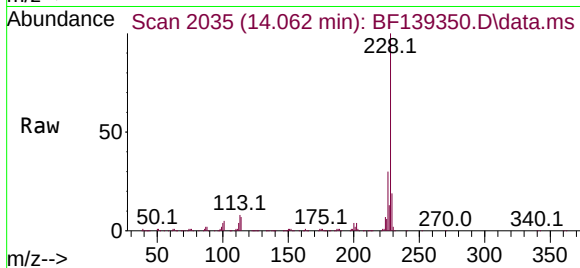
Tgt Ion:	228	Resp:	35451
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	19.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.889 ng

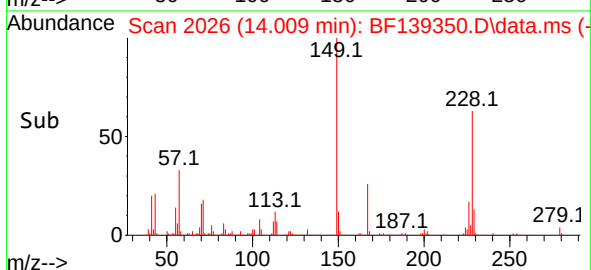
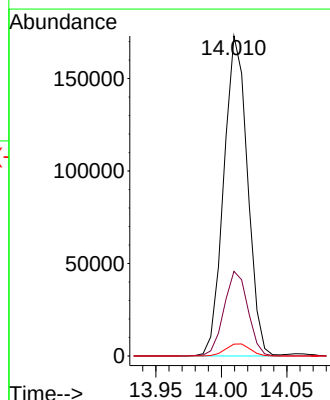
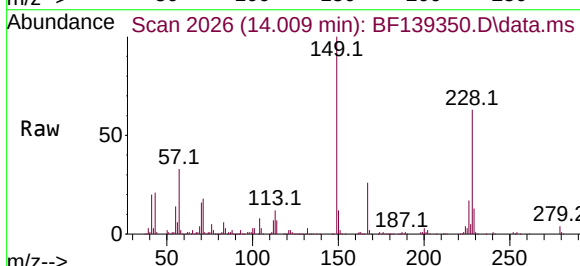
RT: 14.009 min Scan# 2026

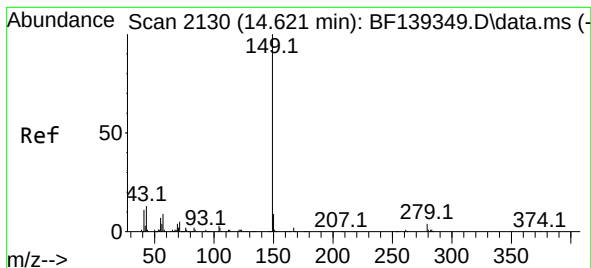
Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

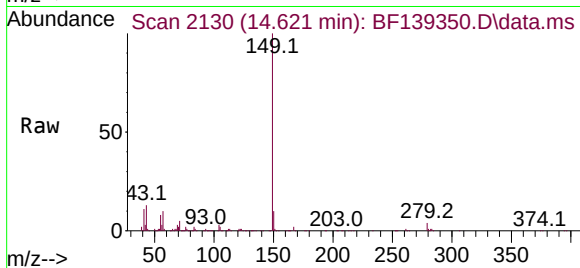
Tgt Ion:	149	Resp:	217495
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.6	32.4
279	3.7	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 50.382 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51

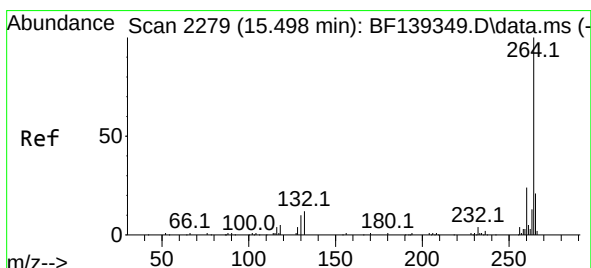
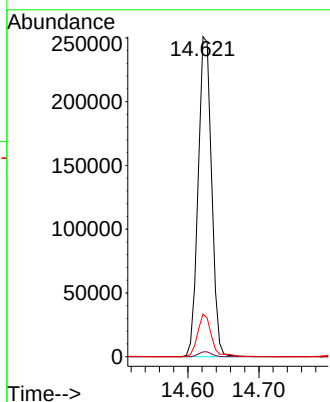
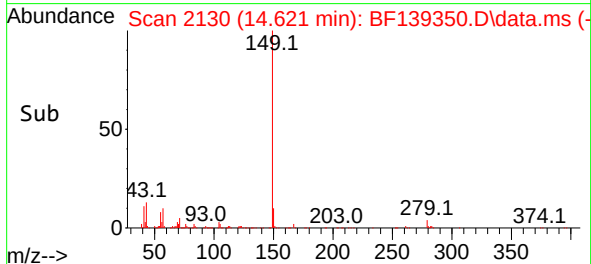
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



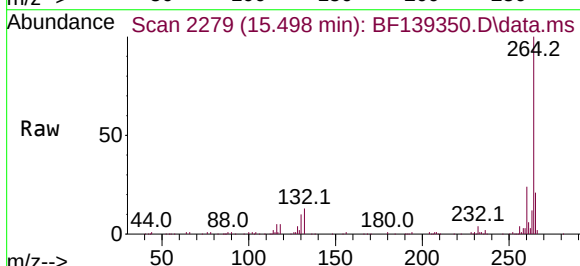
Tgt Ion:149 Resp: 330088
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.7 10.6 16.0

Manual Integrations
APPROVED

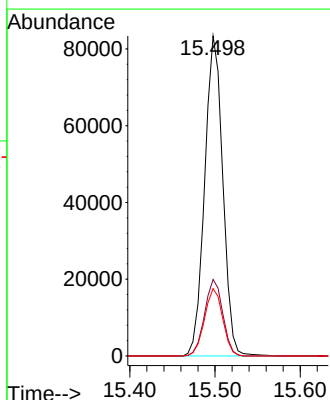
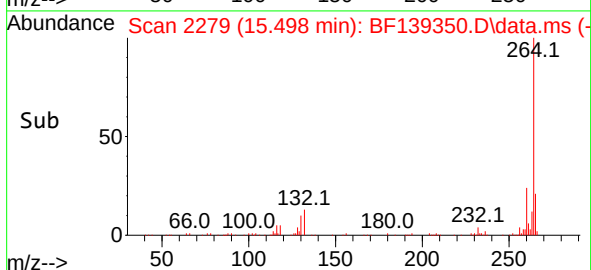
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

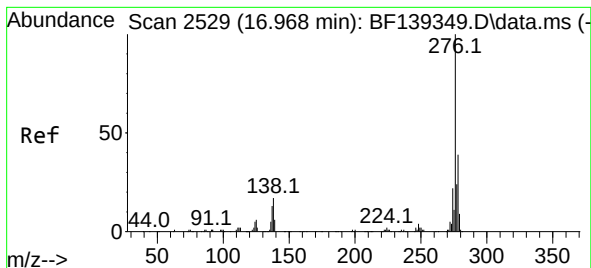


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF139350.D
Acq: 13 Sep 2024 17:51



Tgt Ion:264 Resp: 123129
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.023 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 388214

Ion Ratio Lower Upper

276 100

138 19.6 15.4 23.2

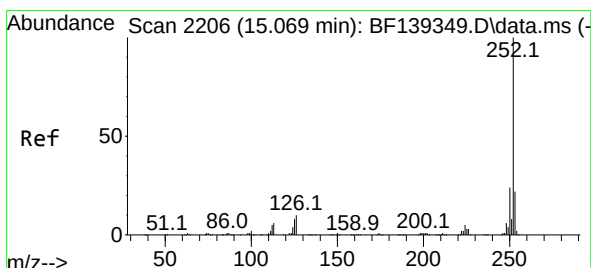
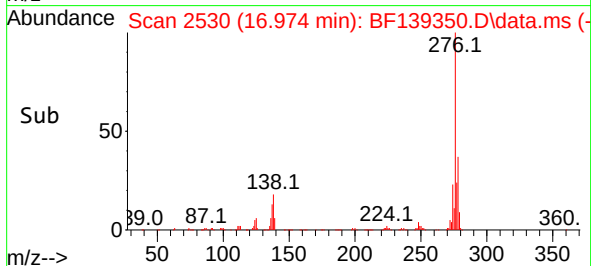
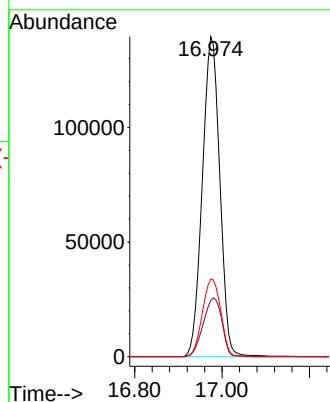
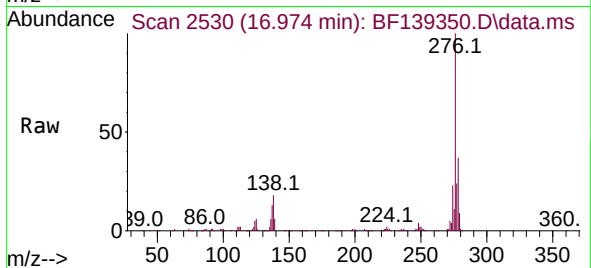
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#88

Benzo(b)fluoranthene

Concen: 48.087 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

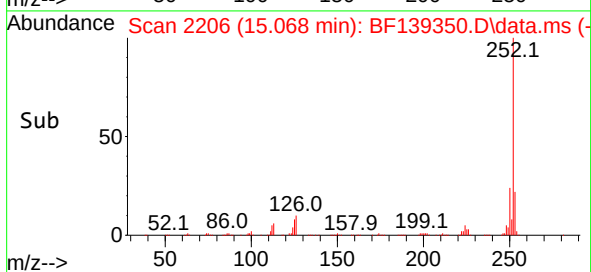
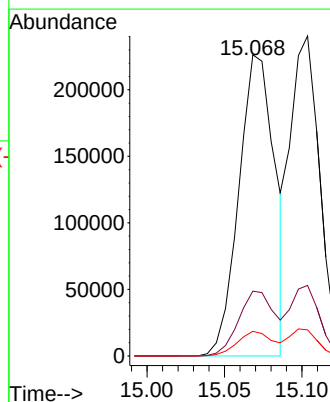
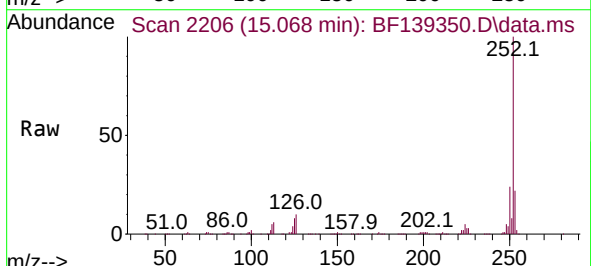
Tgt Ion:252 Resp: 365162

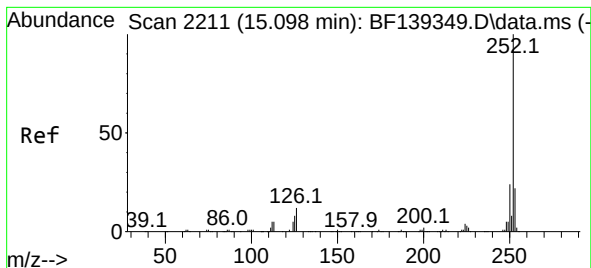
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 8.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 45.203 ng

RT: 15.104 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 316490

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

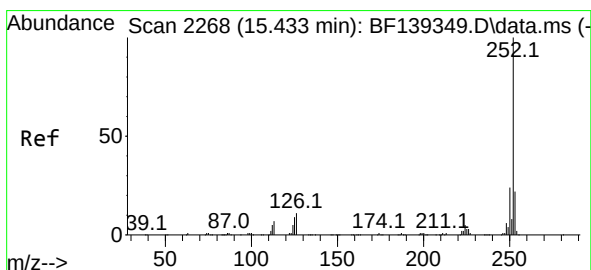
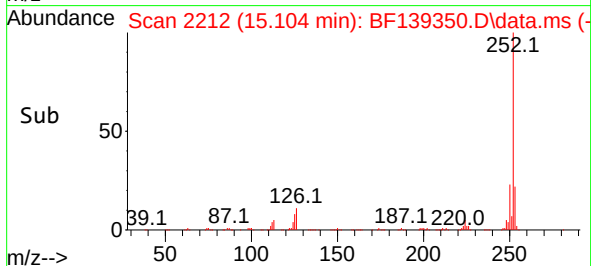
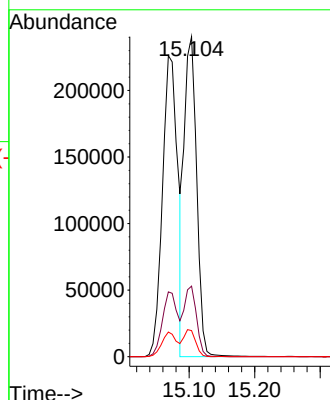
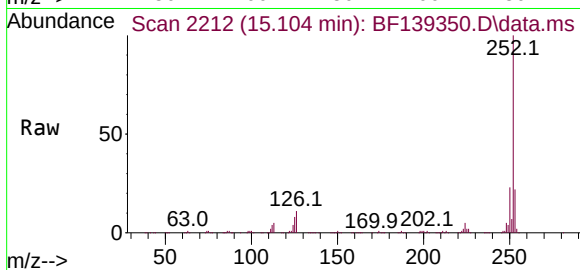
125 8.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#90

Benzo(a)pyrene

Concen: 48.503 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

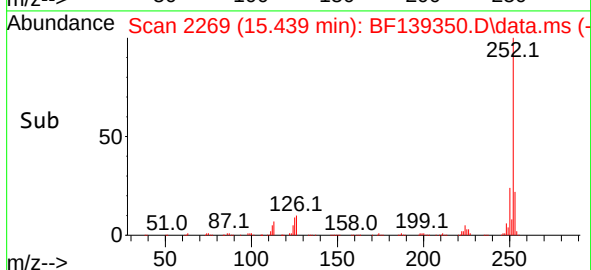
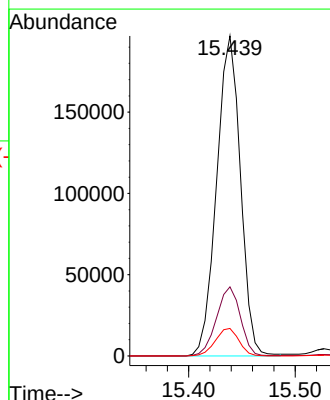
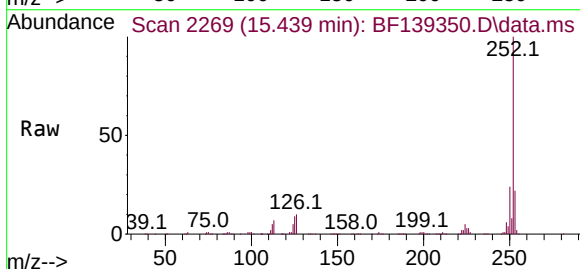
Tgt Ion:252 Resp: 305466

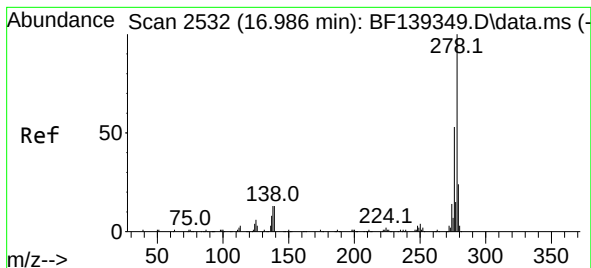
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.6 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 53.114 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 32134

Ion Ratio Lower Upper

278 100

139 12.9 10.2 15.2

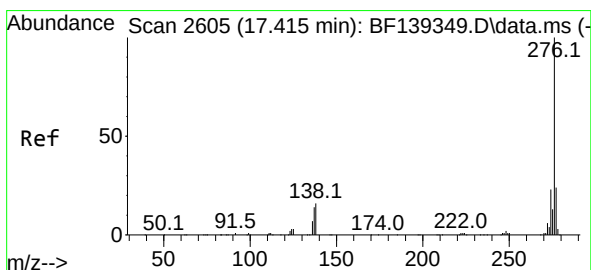
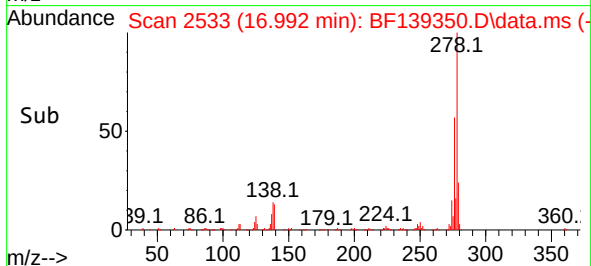
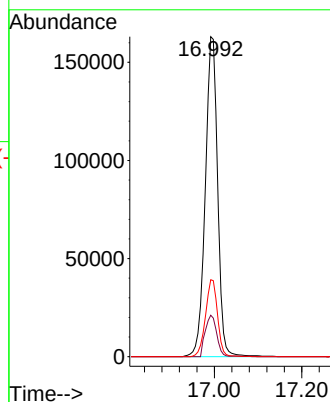
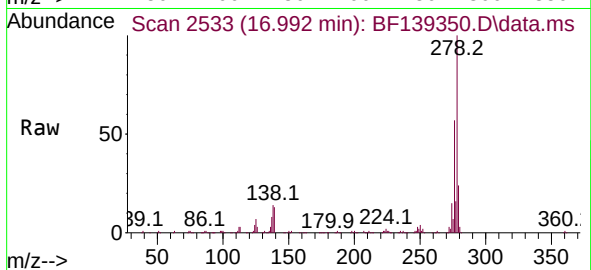
279 24.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#92

Benzo(g,h,i)perylene

Concen: 53.000 ng

RT: 17.421 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF139350.D

Acq: 13 Sep 2024 17:51

Tgt Ion:276 Resp: 317487

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 17.4 13.0 19.6

