

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135770.D
 Acq On : 16 Oct 2023 11:35
 Operator : CG\JU
 Sample : PB156184BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156184BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:27:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	129976	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	525199	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	278504	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	547934	20.000	ng	0.00
76) Chrysene-d12	13.951	240	370648	20.000	ng	0.00
86) Perylene-d12	15.421	264	307105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	994644	123.034	ng	0.01
7) Phenol-d6	6.404	99	1140069	113.023	ng	0.00
23) Nitrobenzene-d5	7.316	82	757597	79.336	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	327545	122.563	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1346923	75.616	ng	0.00
79) Terphenyl-d14	12.880	244	1527649	76.328	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	133036	34.117	ng	100
3) Pyridine	3.316	79	312994	32.714	ng	98
4) n-Nitrosodimethylamine	3.269	42	234578	45.592	ng	99
6) Aniline	6.410	93	364304	28.699	ng	# 70
8) 2-Chlorophenol	6.534	128	387937	44.499	ng	98
9) Benzaldehyde	6.298	77	74008	12.891	ng	98
10) Phenol	6.416	94	446641	42.258	ng	# 78
11) bis(2-Chloroethyl)ether	6.487	93	365624	42.933	ng	100
12) 1,3-Dichlorobenzene	6.681	146	375775	42.517	ng	99
13) 1,4-Dichlorobenzene	6.757	146	381460	42.605	ng	99
14) 1,2-Dichlorobenzene	6.910	146	353363	43.833	ng	99
15) Benzyl Alcohol	6.898	79	309367	46.126	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	651359	42.290	ng	91
17) 2-Methylphenol	7.016	107	303608	40.229	ng	96
18) Hexachloroethane	7.245	117	143835	44.308	ng	96
19) n-Nitroso-di-n-propyla...	7.169	70	251813	40.375	ng	97
20) 3+4-Methylphenols	7.169	107	376900	40.060	ng	93
22) Acetophenone	7.157	105	507870	42.165	ng	# 98
24) Nitrobenzene	7.334	77	394666	41.180	ng	98
25) Isophorone	7.569	82	741671	41.169	ng	100
26) 2-Nitrophenol	7.645	139	203083	43.421	ng	95
27) 2,4-Dimethylphenol	7.692	122	315348	40.957	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	449499	41.897	ng	99
29) 2,4-Dichlorophenol	7.898	162	319643	44.300	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	321118	43.513	ng	99
31) Naphthalene	8.045	128	1050374	41.003	ng	100
32) Benzoic acid	7.863	122	248793	47.737	ng	100
33) 4-Chloroaniline	8.104	127	240816	21.520	ng	97
34) Hexachlorobutadiene	8.157	225	189040	43.276	ng	97
35) Caprolactam	8.492	113	111682m	45.277	ng	
36) 4-Chloro-3-methylphenol	8.604	107	353405	44.166	ng	98
37) 2-Methylnaphthalene	8.739	142	673904	39.928	ng	99
38) 1-Methylnaphthalene	8.839	142	631082	40.540	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	328418	40.994	ng	99
41) Hexachlorocyclopentadiene	8.886	237	146347	84.254	ng	96
43) 2,4,6-Trichlorophenol	9.028	196	217162	42.065	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	232378	38.700	ng	99
46) 1,1'-Biphenyl	9.204	154	862118	40.411	ng	98
47) 2-Chloronaphthalene	9.233	162	644254	41.902	ng	99
48) 2-Nitroaniline	9.345	65	257804	42.479	ng	94
49) Acenaphthylene	9.645	152	1033694	40.626	ng	99
50) Dimethylphthalate	9.510	163	780806	41.530	ng	99
51) 2,6-Dinitrotoluene	9.586	165	171104	42.321	ng	98
52) Acenaphthene	9.822	154	624805	40.969	ng	99
53) 3-Nitroaniline	9.757	138	156549	31.587	ng	98
54) 2,4-Dinitrophenol	9.886	184	188924	111.943	ng	95
55) Dibenzofuran	9.992	168	938043	40.764	ng	100
56) 4-Nitrophenol	9.951	139	205978	89.971	ng	97
57) 2,4-Dinitrotoluene	10.004	165	222994	43.354	ng	100
58) Fluorene	10.339	166	761636	42.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	199457	43.955	ng	99
60) Diethylphthalate	10.216	149	810488	42.227	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	364636	41.879	ng	94
62) 4-Nitroaniline	10.386	138	187780	41.179	ng	97
63) Azobenzene	10.492	77	771936	41.396	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	130593	47.358	ng	85
66) n-Nitrosodiphenylamine	10.457	169	690465	41.343	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	228620	41.565	ng	96
68) Hexachlorobenzene	10.892	284	244233	43.614	ng	95
69) Atrazine	10.992	200	218517	48.103	ng	98
70) Pentachlorophenol	11.098	266	187663	84.968	ng	95
71) Phenanthrene	11.310	178	1083004	41.259	ng	99
72) Anthracene	11.363	178	1112746	40.910	ng	99
73) Carbazole	11.522	167	1059804	41.778	ng	100
74) Di-n-butylphthalate	11.845	149	1313823	42.183	ng	100
75) Fluoranthene	12.504	202	1207943	41.464	ng	99
77) Benzidine	12.633	184	242518	29.985	ng	97
78) Pyrene	12.733	202	1232417	41.843	ng	100
80) Butylbenzylphthalate	13.357	149	546972	42.260	ng	95
81) Benzo(a)anthracene	13.939	228	1048344	43.061	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	293427	36.341	ng	98
83) Chrysene	13.974	228	976924	41.429	ng	98
84) Bis(2-ethylhexyl)phtha...	13.915	149	764889	43.603	ng	99
85) Di-n-octyl phthalate	14.533	149	1209279	43.473	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	727596	43.482	ng	99
88) Benzo(b)fluoranthene	14.992	252	866066	50.389	ng	99
89) Benzo(k)fluoranthene	15.027	252	761498	45.635	ng	97
90) Benzo(a)pyrene	15.362	252	689204	42.643	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	607116	44.258	ng	99
92) Benzo(g,h,i)perylene	17.386	276	637218	45.222	ng	98

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

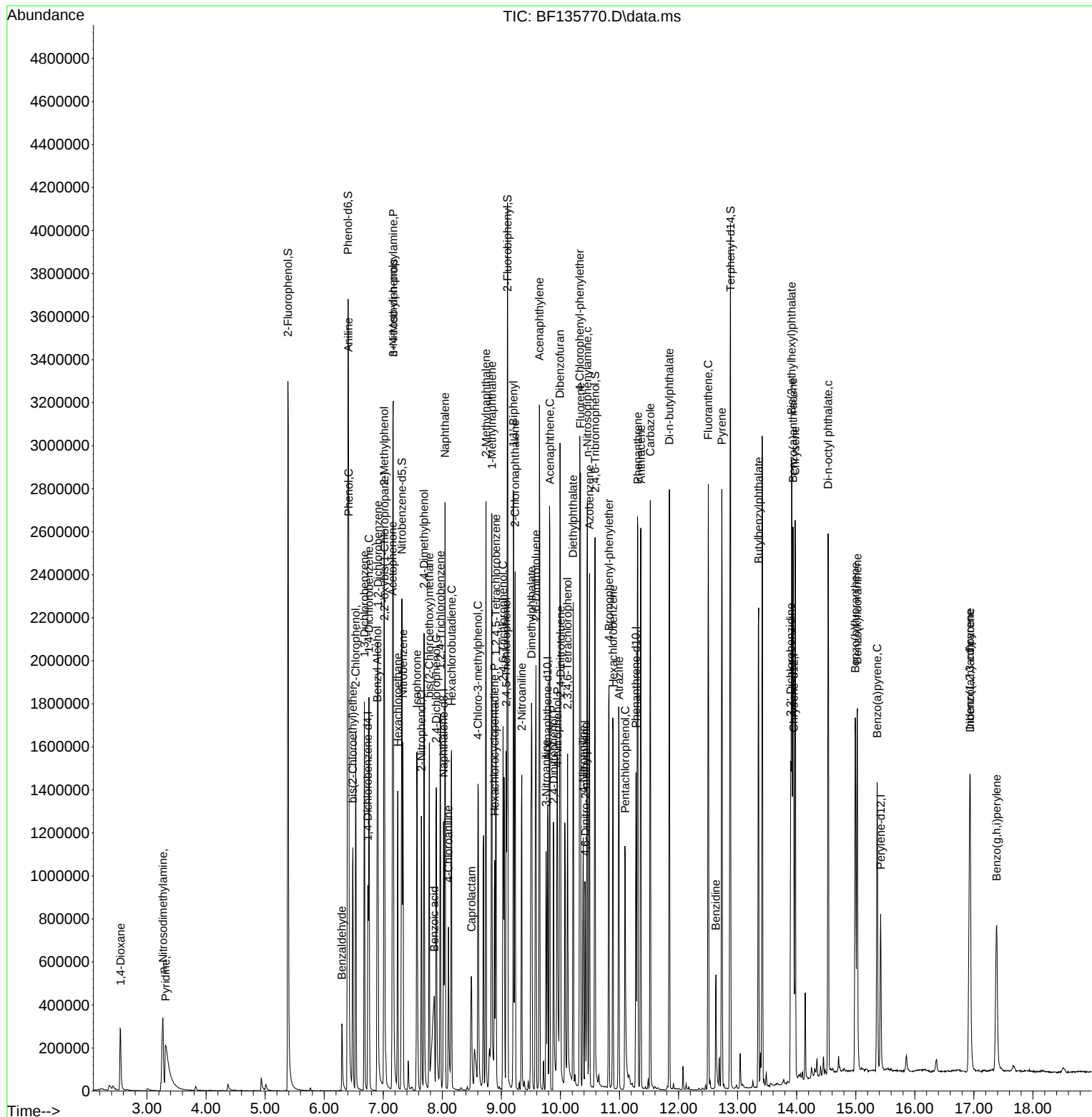
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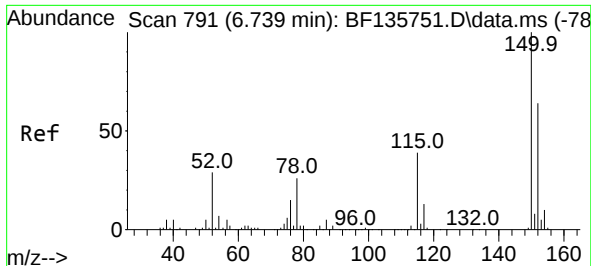
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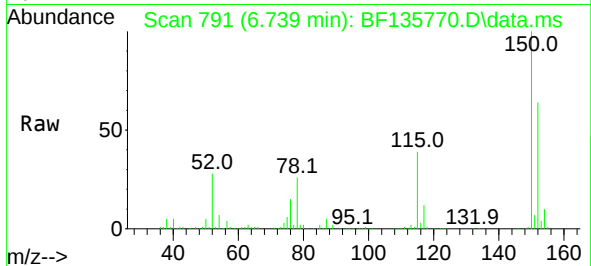
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 79
Delta R.T. -0.007 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

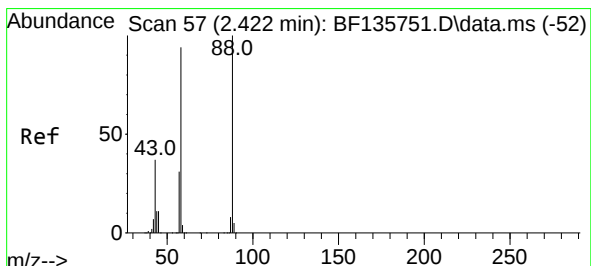
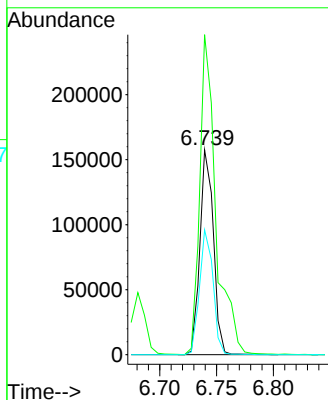
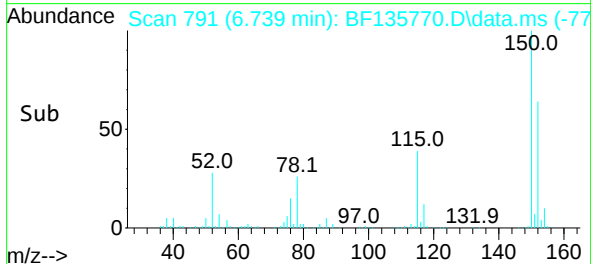
Instrument :
BNA_F
ClientSampleId :
PB156184BS



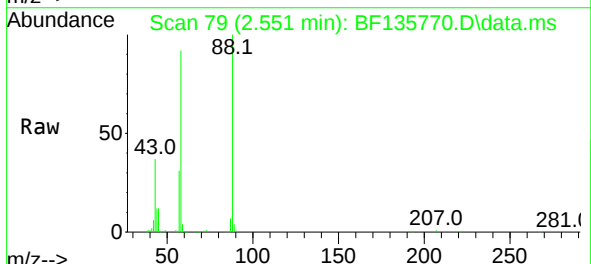
Tgt Ion:152 Resp: 129970
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 61.0 49.0 73.4

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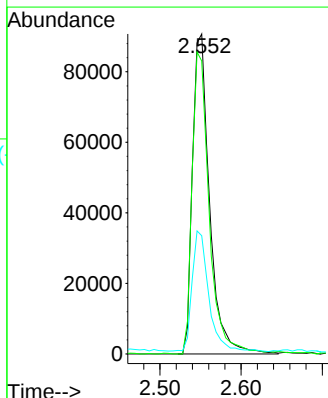
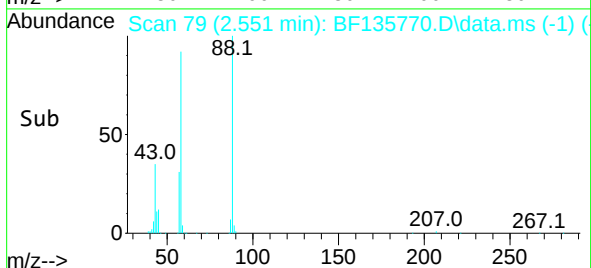
Reviewed By :Yogesh Patel 10/17/2023
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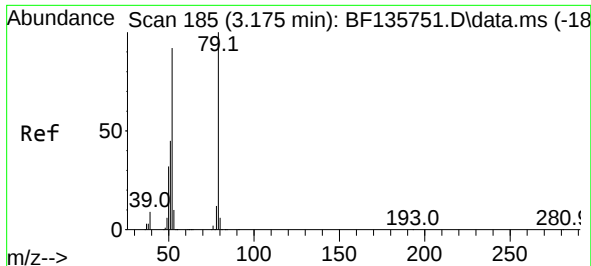


#2
1,4-Dioxane
Concen: 34.117 ng
RT: 2.551 min Scan# 79
Delta R.T. 0.112 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



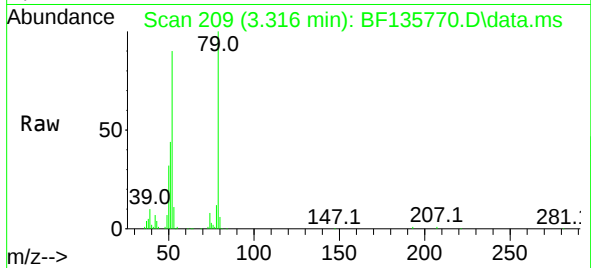
Tgt Ion: 88 Resp: 133036
Ion Ratio Lower Upper
88 100
58 95.4 76.1 114.1
43 36.8 29.8 44.8





#3
Pyridine
Concen: 32.714 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.129 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

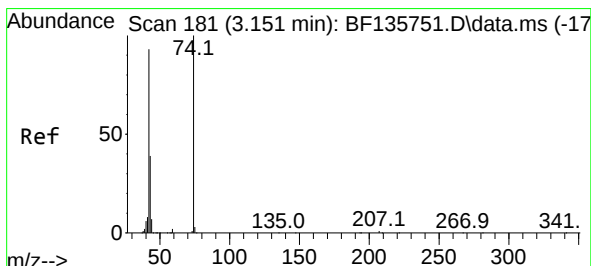
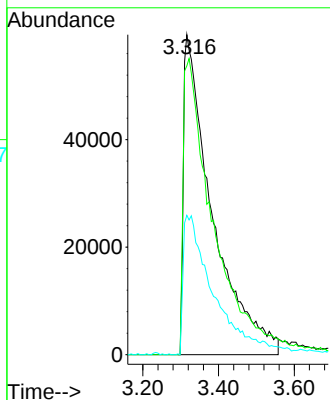
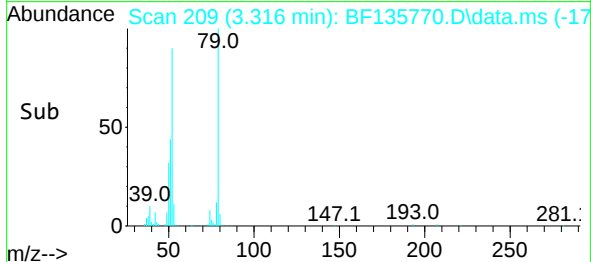
Instrument :
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ClientSampleId :
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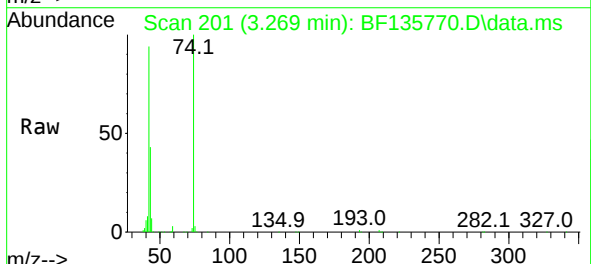
Tgt Ion: 79 Resp: 312994
Ion Ratio Lower Upper
79 100
52 90.3 73.4 110.2
51 43.6 36.5 54.7

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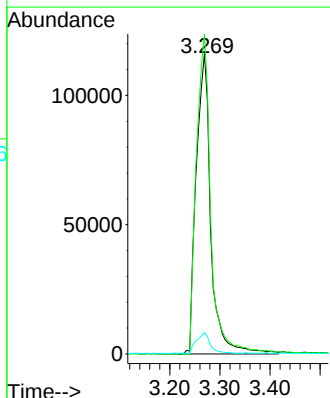
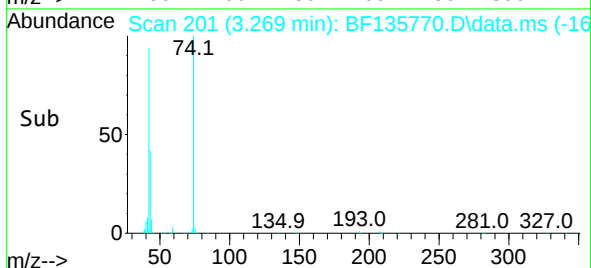
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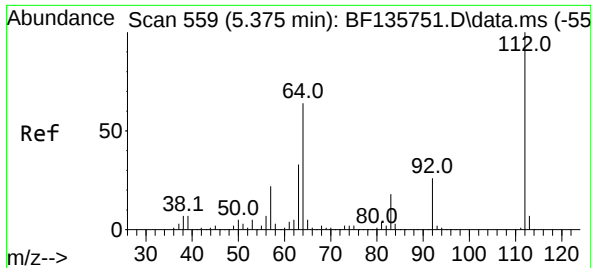


#4
n-Nitrosodimethylamine
Concen: 45.592 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.100 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



Tgt Ion: 42 Resp: 234578
Ion Ratio Lower Upper
42 100
74 106.5 86.5 129.7
44 7.2 5.9 8.9





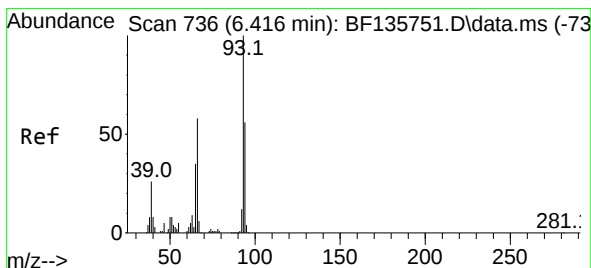
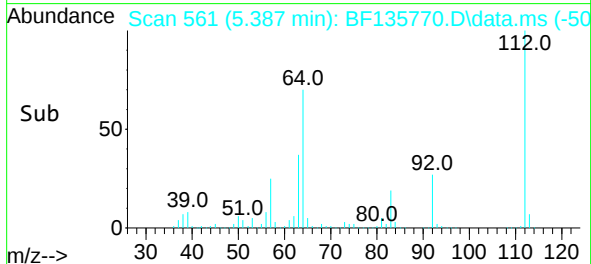
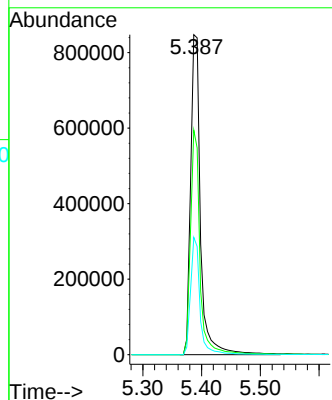
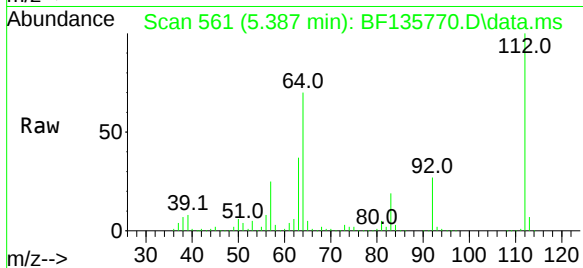
#5
2-Fluorophenol
Concen: 123.034 ng
RT: 5.387 min Scan# 509
Delta R.T. 0.012 min
Lab File: BF135770.D
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Tgt Ion:112 Resp: 994644
Ion Ratio Lower Upper
112 100
64 70.2 51.2 76.8
63 36.7 26.1 39.1

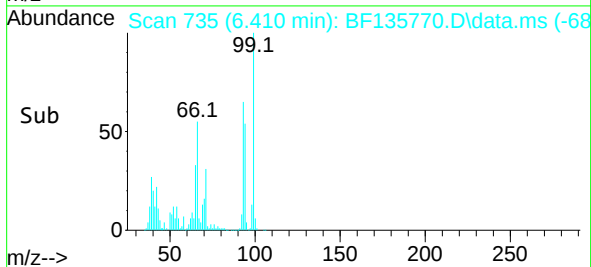
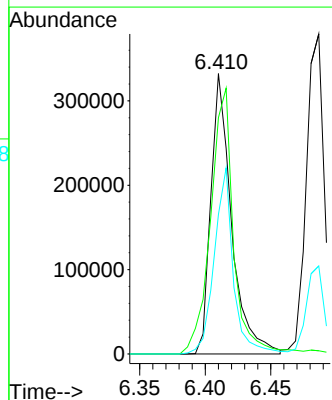
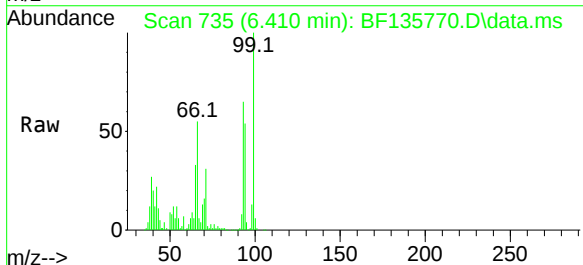
Manual Integrations
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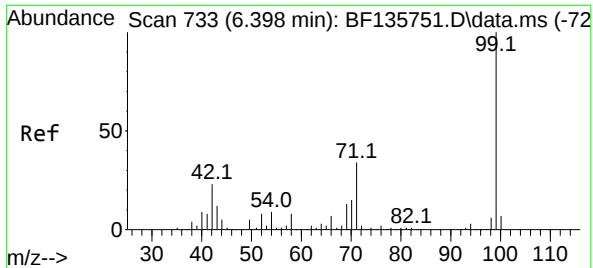
Reviewed By :Yogesh Patel 10/17/2023
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#6
Aniline
Concen: 28.699 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion: 93 Resp: 364304
Ion Ratio Lower Upper
93 100
66 84.3 47.6 71.4#
65 49.7 28.5 42.7#





#7

Phenol-d6

Concen: 113.023 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion: 99 Resp: 1140069

Ion Ratio Lower Upper

99 100

42 23.3 18.4 27.6

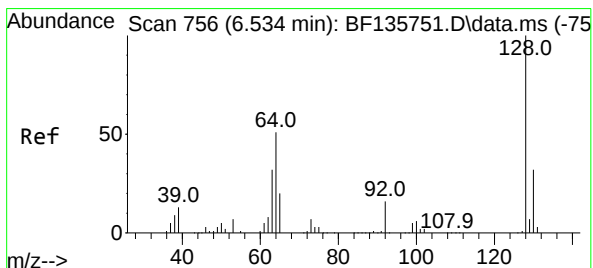
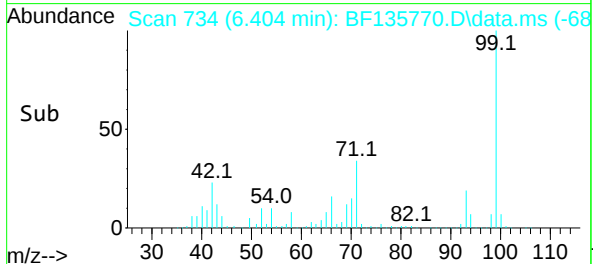
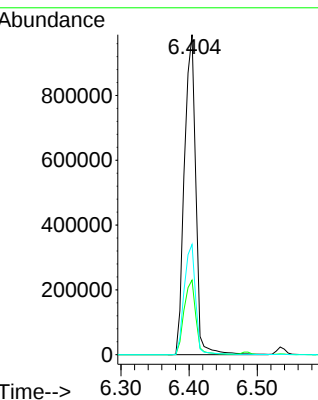
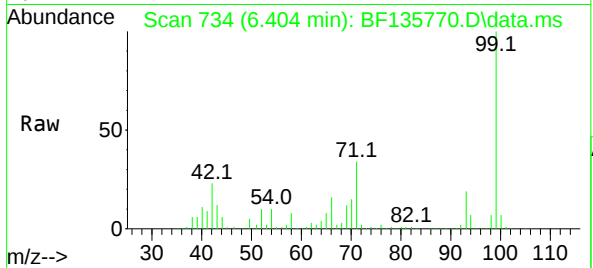
71 34.5 27.2 40.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.499 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135770.D

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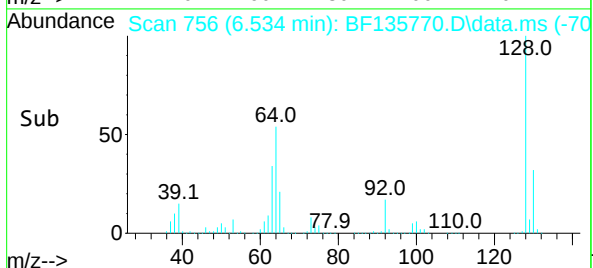
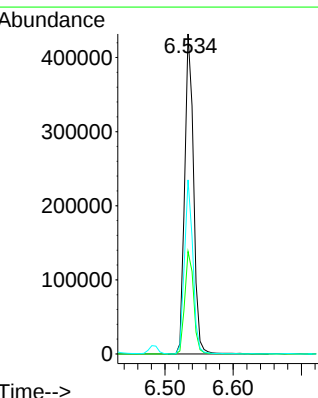
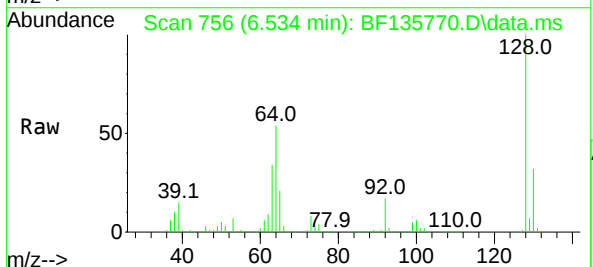
Tgt Ion:128 Resp: 387937

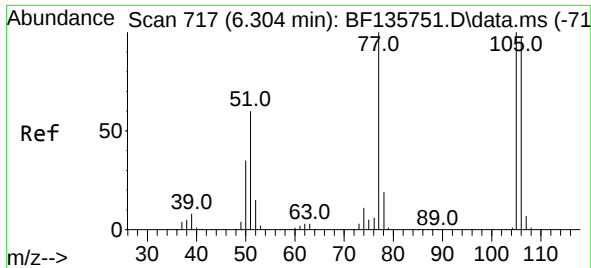
Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

64 54.4 32.3 72.3





#9
Benzaldehyde
Concen: 12.891 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
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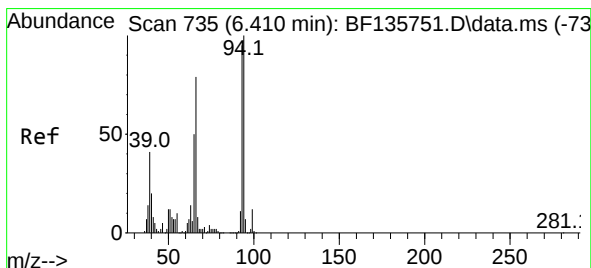
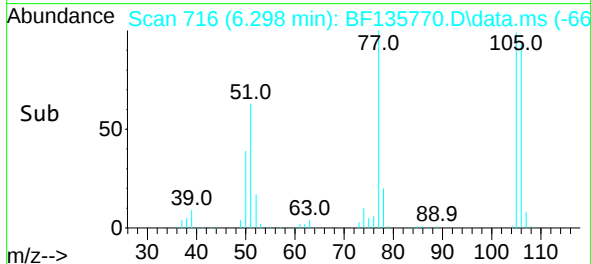
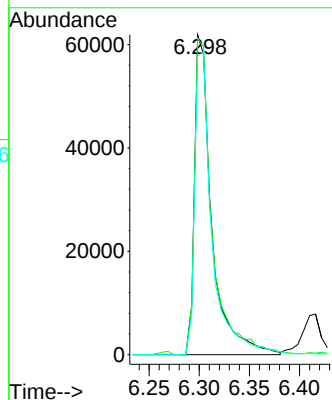
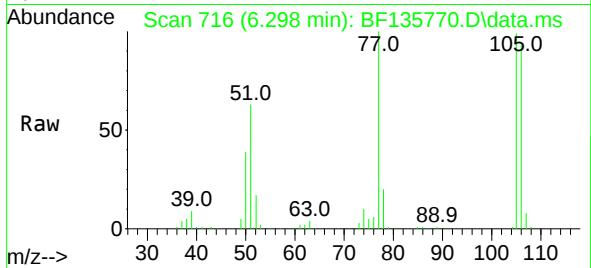
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Tgt Ion: 77 Resp: 74008
Ion Ratio Lower Upper
77 100
105 99.0 79.9 119.9
106 93.3 77.1 117.1

Manual Integrations

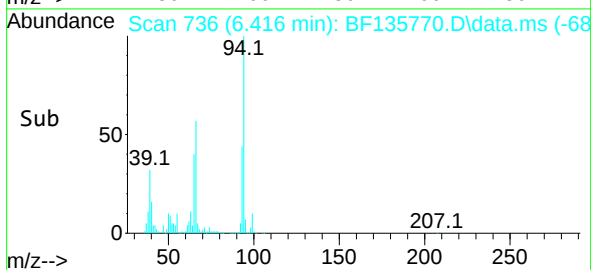
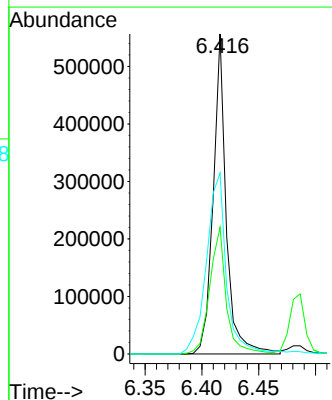
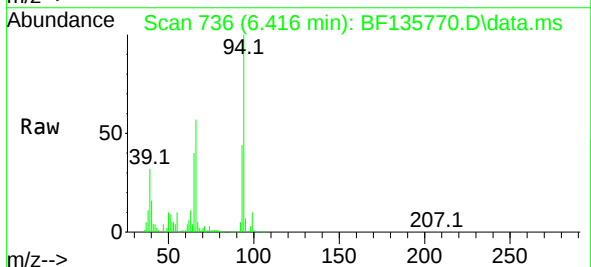
APPROVED

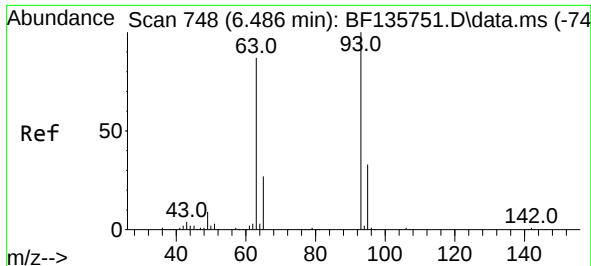
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#10
Phenol
Concen: 42.258 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion: 94 Resp: 446641
Ion Ratio Lower Upper
94 100
65 39.6 30.3 70.3
66 56.6 59.1 99.1#





#11

bis(2-Chloroethyl)ether

Concen: 42.933 ng

RT: 6.487 min Scan# 748

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion: 93 Resp: 365624

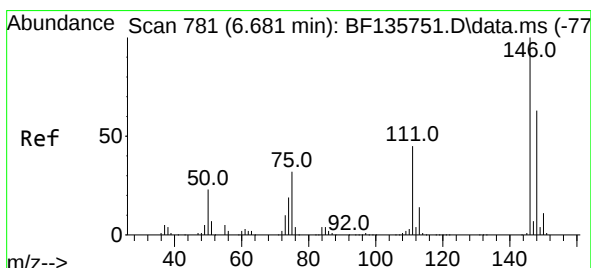
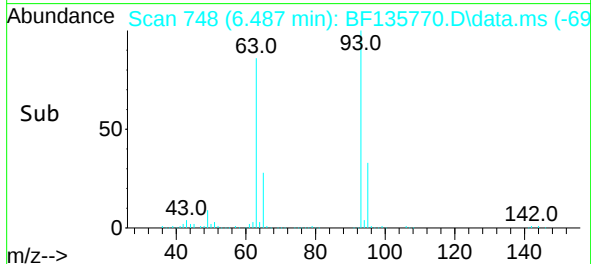
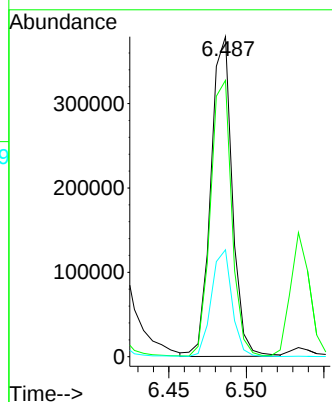
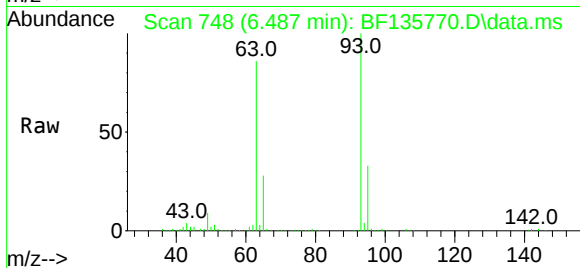
Ion	Ratio	Lower	Upper
93	100		
63	86.4	66.3	106.3
95	33.4	12.8	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#12

1,3-Dichlorobenzene

Concen: 42.517 ng

RT: 6.681 min Scan# 781

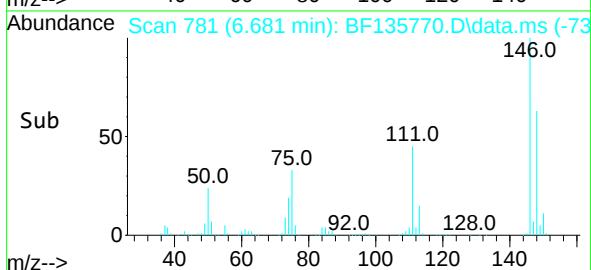
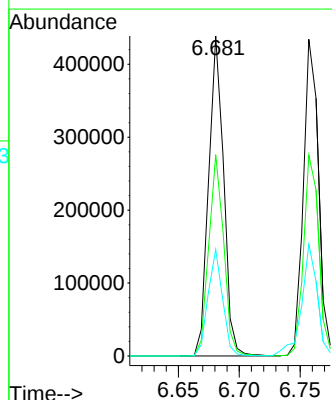
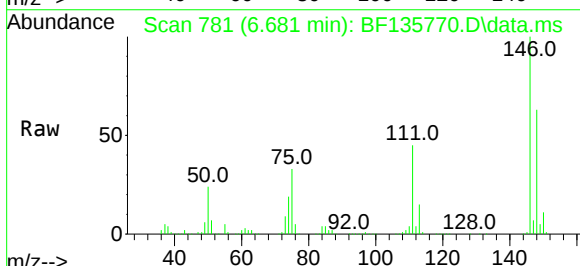
Delta R.T. -0.000 min

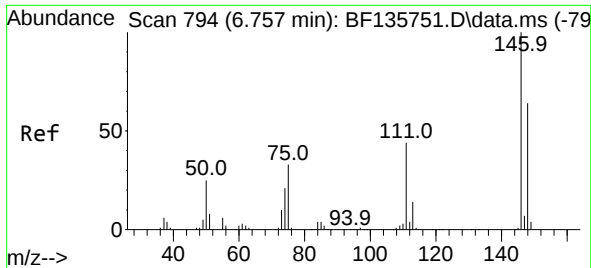
Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Tgt Ion:146 Resp: 375775

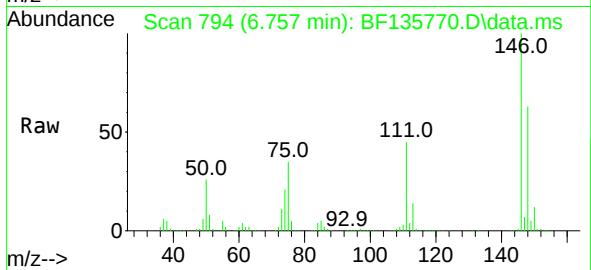
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.4
75	33.2	25.8	38.6





#13
1,4-Dichlorobenzene
Concen: 42.605 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

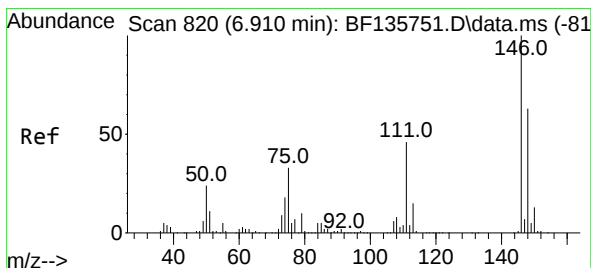
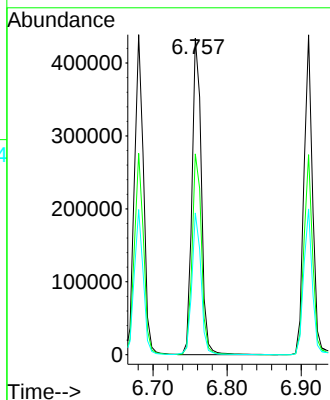
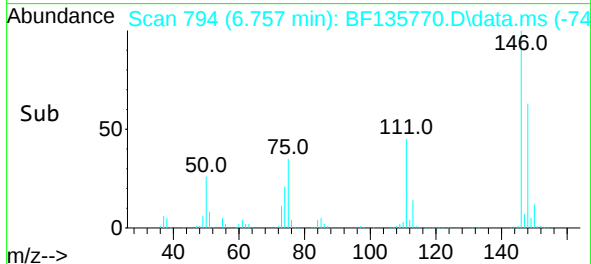
Instrument :
BNA_F
ClientSampleId :
PB156184BS



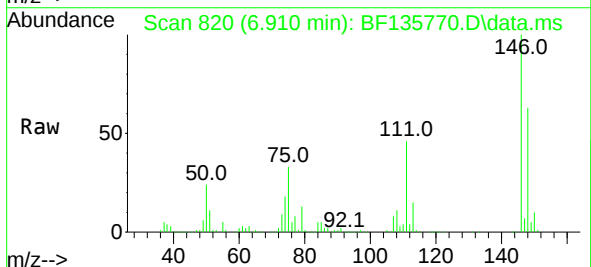
Tgt Ion:146 Resp: 381460
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.8 35.2 52.8

Manual Integrations
APPROVED

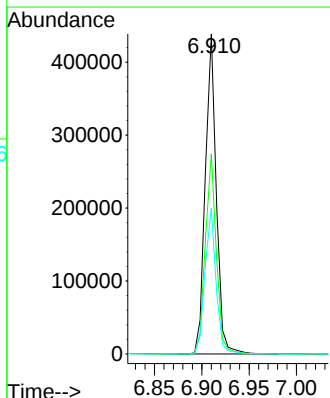
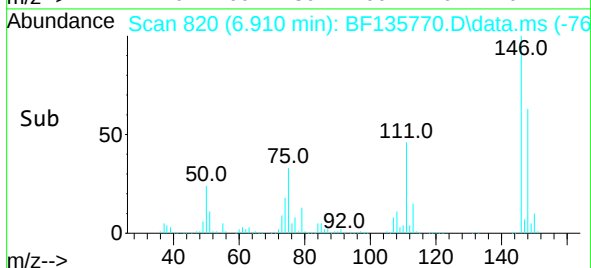
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

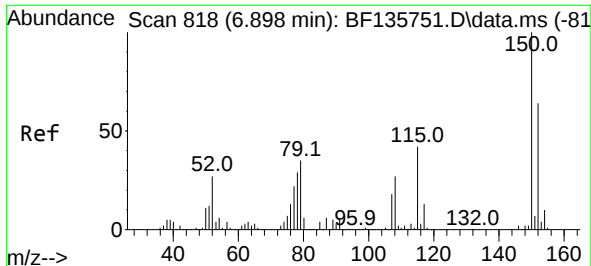


#14
1,2-Dichlorobenzene
Concen: 43.833 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



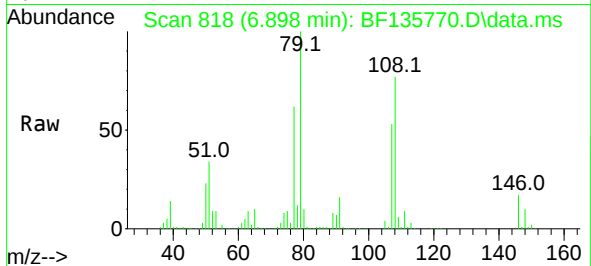
Tgt Ion:146 Resp: 353363
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 45.6 37.1 55.7





#15
Benzyl Alcohol
Concen: 46.126 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

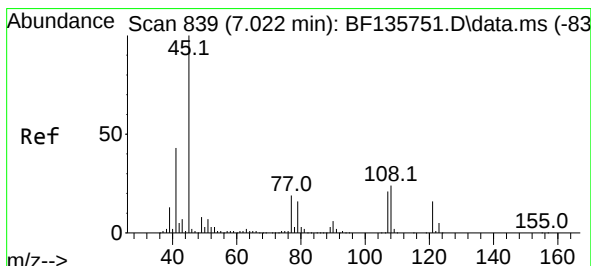
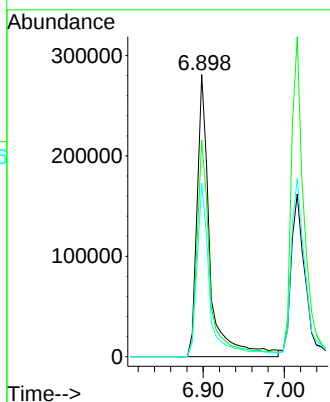
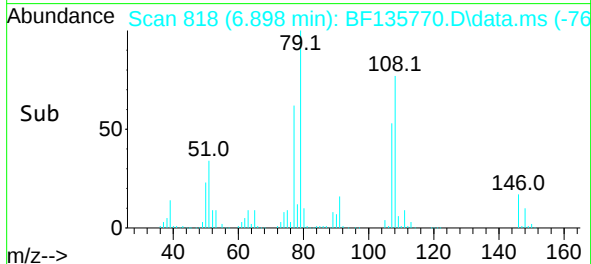
Instrument :
BNA_F
ClientSampleId :
PB156184BS



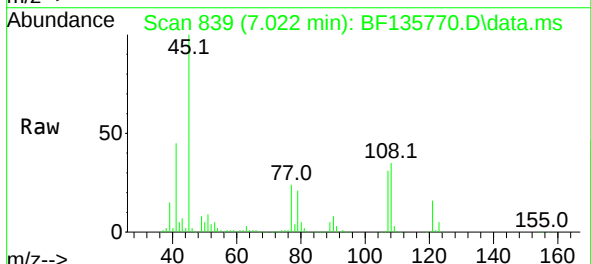
Tgt Ion: 79 Resp: 30936
Ion Ratio Lower Upper
79 100
108 76.8 62.0 93.0
77 61.5 50.5 75.7

Manual Integrations
APPROVED

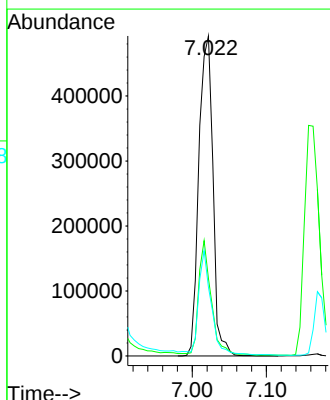
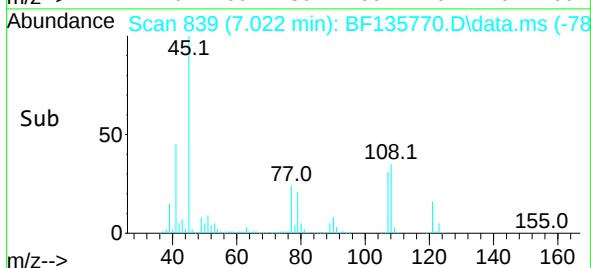
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

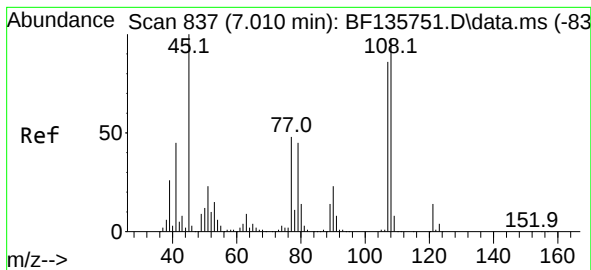


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.290 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



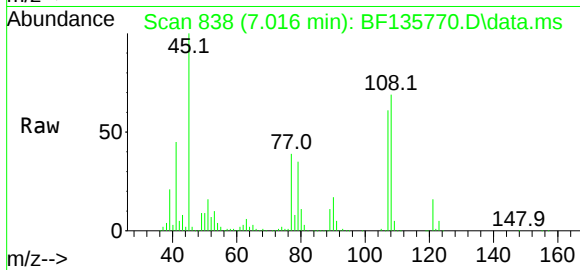
Tgt Ion: 45 Resp: 651359
Ion Ratio Lower Upper
45 100
77 24.2 0.0 39.8
79 21.5 0.0 37.6





#17
2-Methylphenol
Concen: 40.229 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

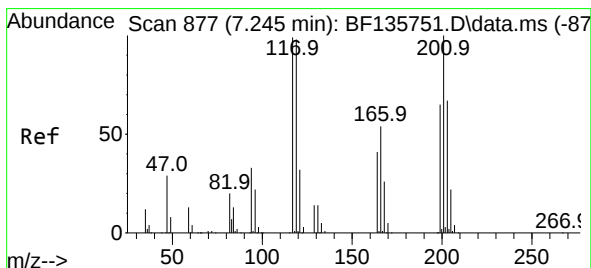
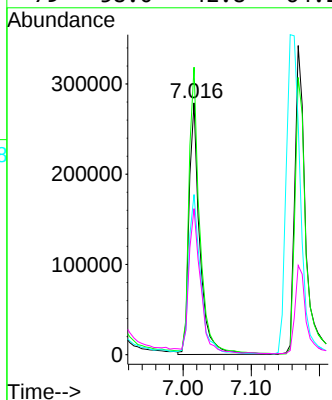
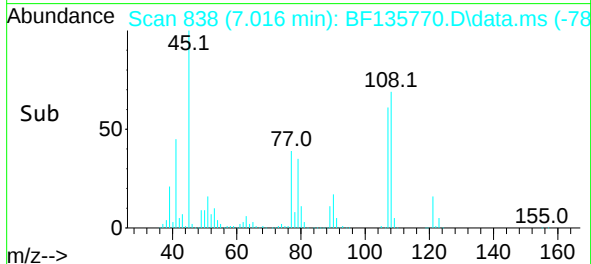
Instrument :
BNA_F
ClientSampleId :
PB156184BS



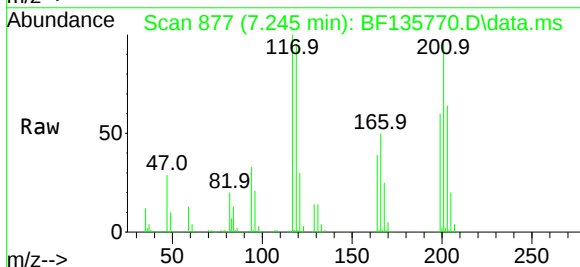
Tgt Ion:107 Resp: 303608
Ion Ratio Lower Upper
107 100
108 114.2 91.8 137.6
77 63.6 45.4 68.0
79 58.0 42.8 64.2

Manual Integrations
APPROVED

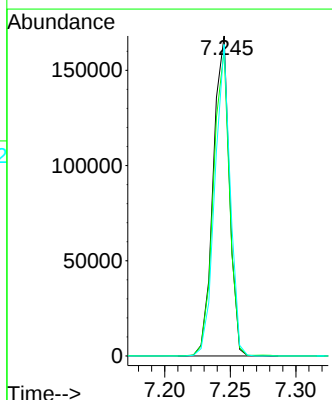
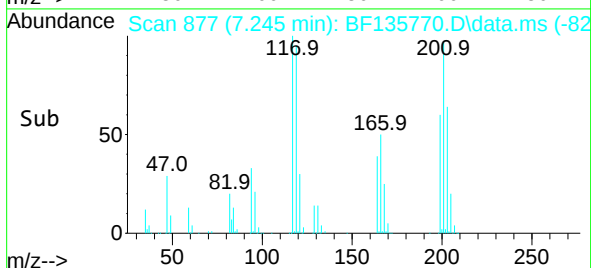
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

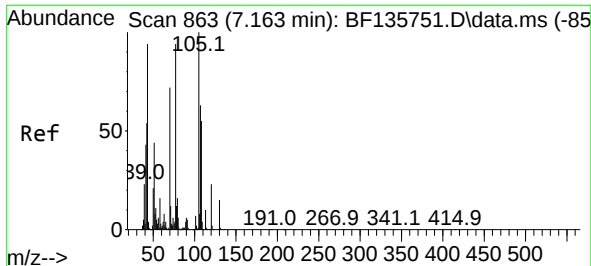


#18
Hexachloroethane
Concen: 44.308 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



Tgt Ion:117 Resp: 143835
Ion Ratio Lower Upper
117 100
119 95.4 79.5 119.3
201 97.3 80.9 121.3





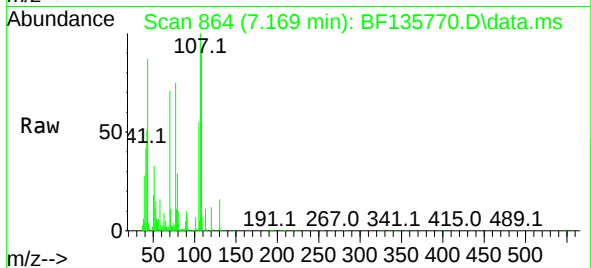
#19
n-Nitroso-di-n-propylamine
Concen: 40.375 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

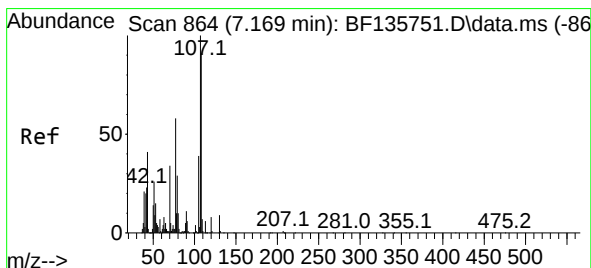
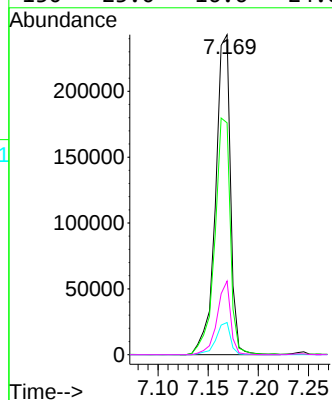
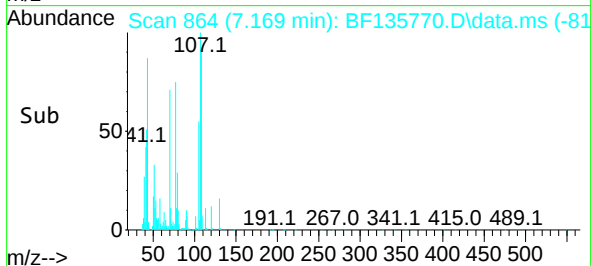


Tgt Ion: 70 Resp: 25181
Ion Ratio Lower Upper
70 100
42 72.5 59.8 89.6
101 10.0 7.4 11.2
130 23.0 16.6 24.8

Manual Integrations

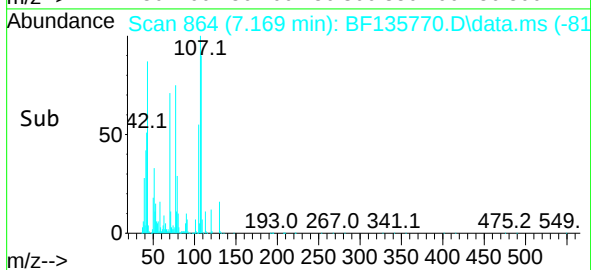
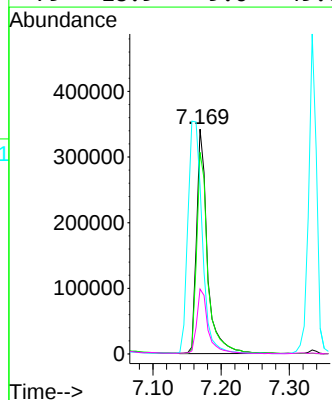
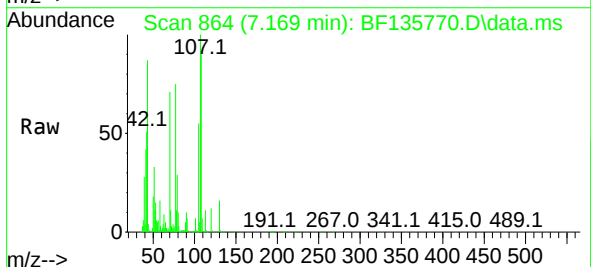
APPROVED

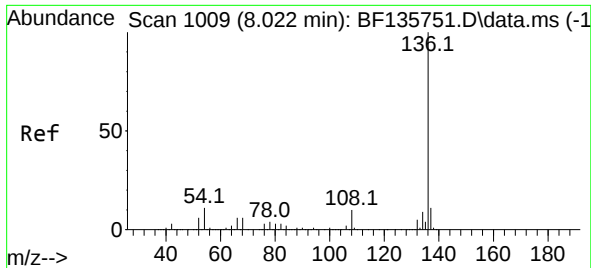
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#20
3+4-Methylphenols
Concen: 40.060 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:107 Resp: 376900
Ion Ratio Lower Upper
107 100
108 89.7 71.1 111.1
77 74.8 42.0 82.0
79 28.9 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

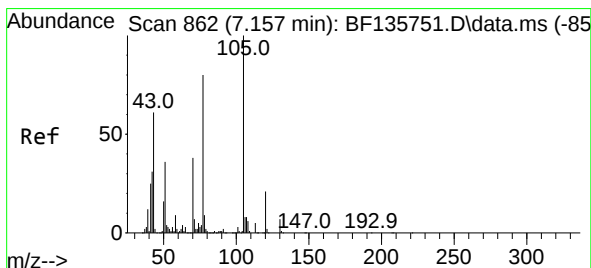
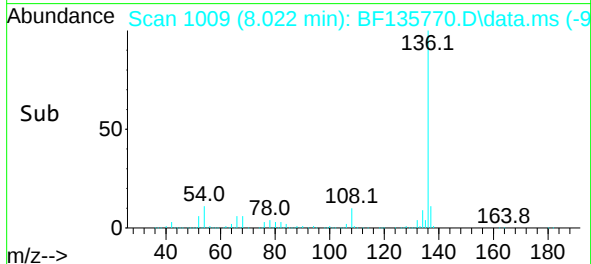
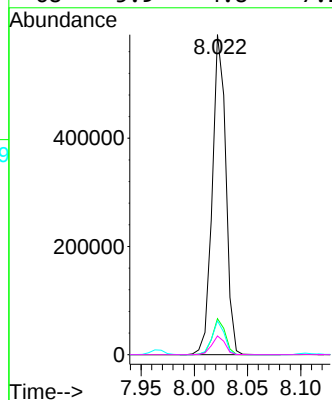
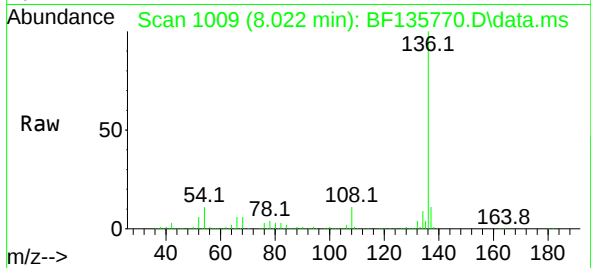
PB156184BS

Tgt Ion:136 Resp: 525199
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.5 8.5 12.7
68 5.9 4.8 7.2

Manual Integrations

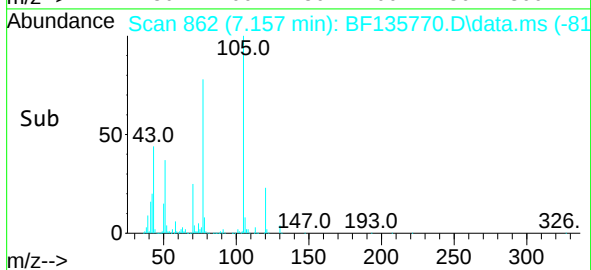
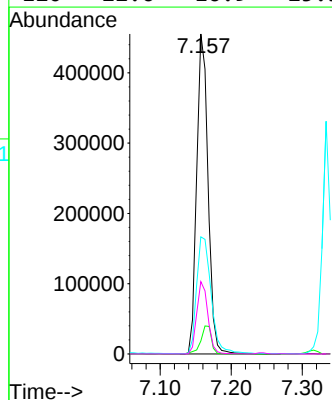
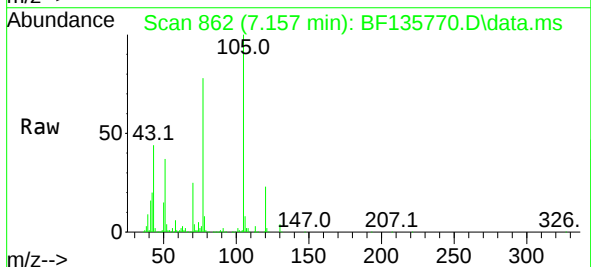
APPROVED

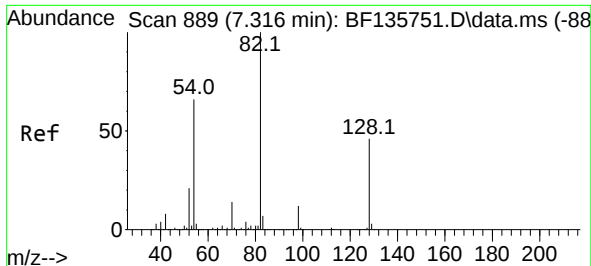
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#22
Acetophenone
Concen: 42.165 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:105 Resp: 507870
Ion Ratio Lower Upper
105 100
71 4.0 5.4 8.0#
51 36.6 29.4 44.0
120 22.6 16.9 25.3





#23

Nitrobenzene-d5

Concen: 79.336 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

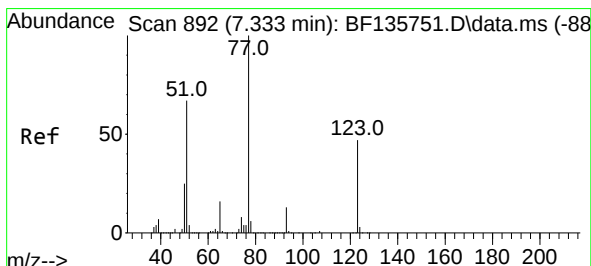
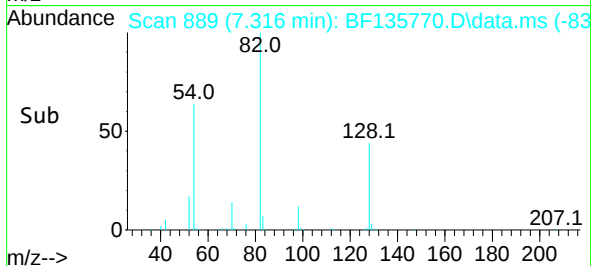
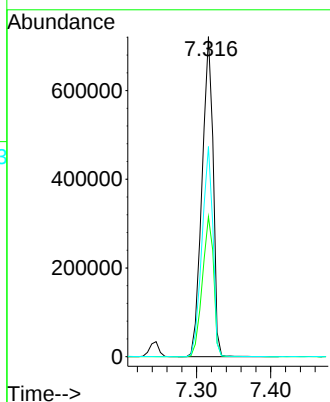
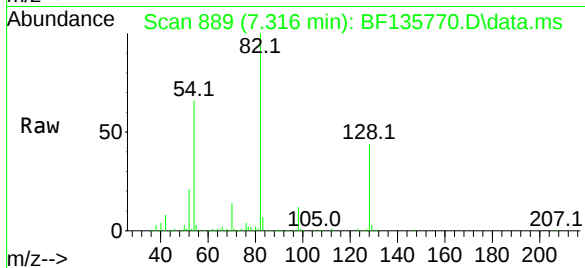
PB156184BS

Tgt Ion: 82 Resp: 75759

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	65.7	52.8	79.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#24

Nitrobenzene

Concen: 41.180 ng

RT: 7.334 min Scan# 892

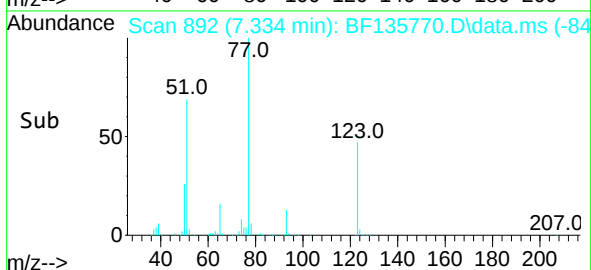
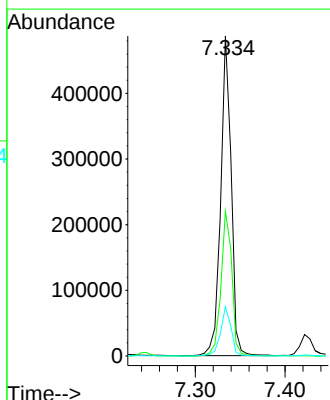
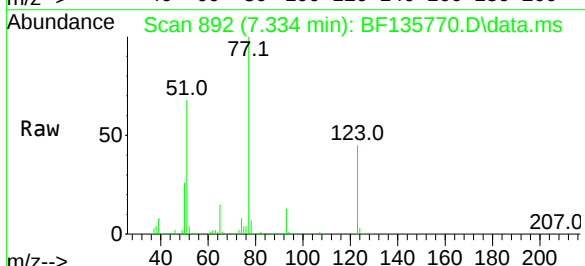
Delta R.T. -0.000 min

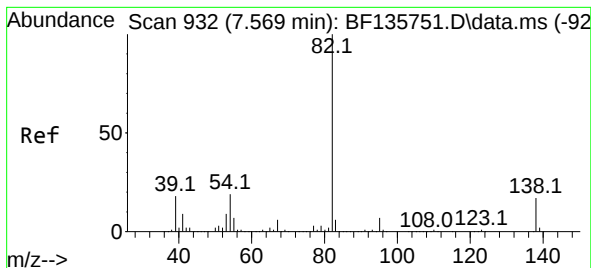
Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Tgt Ion: 77 Resp: 394666

Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.3	55.9
65	15.4	12.6	18.8





#25

Isophorone

Concen: 41.169 ng

RT: 7.569 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

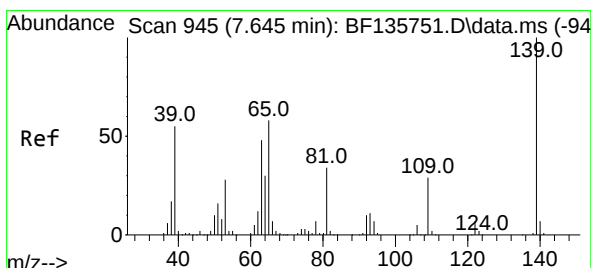
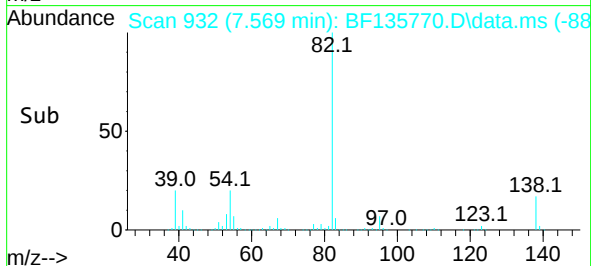
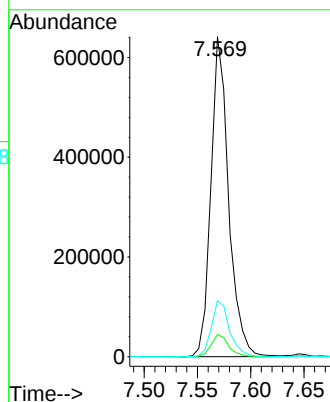
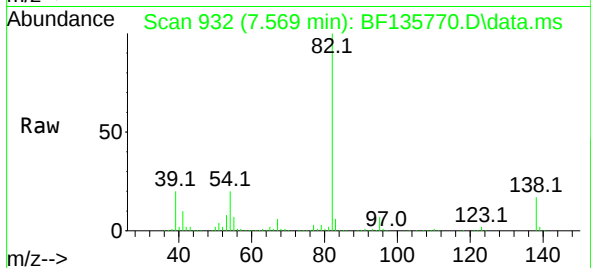
PB156184BS

Tgt Ion: 82 Resp: 74167
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.5 8.3
 138 17.5 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#26

2-Nitrophenol

Concen: 43.421 ng

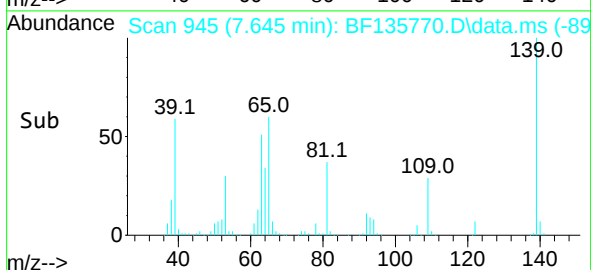
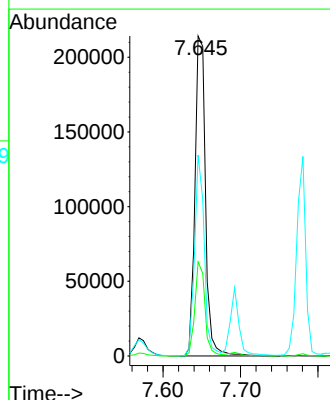
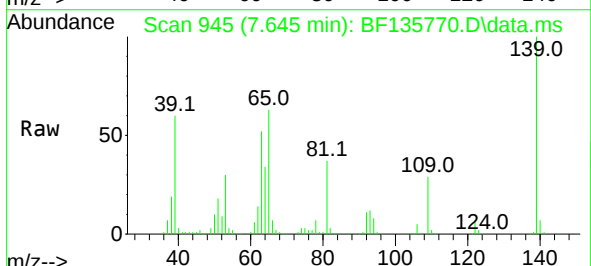
RT: 7.645 min Scan# 945

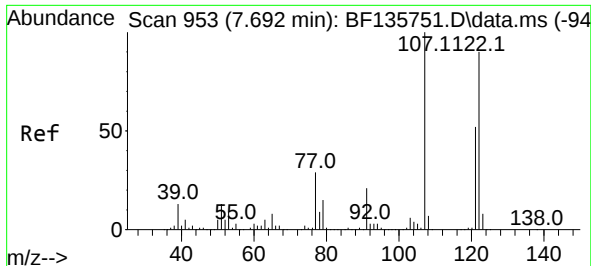
Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Tgt Ion:139 Resp: 203083
 Ion Ratio Lower Upper
 139 100
 109 29.4 23.0 34.4
 65 62.8 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 40.957 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135770.D

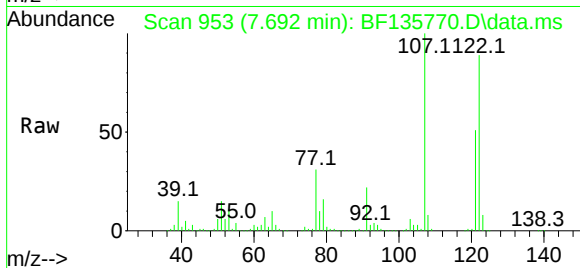
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS



Tgt Ion:122 Resp: 31534

Ion Ratio Lower Upper

122 100

107 112.3 88.2 132.4

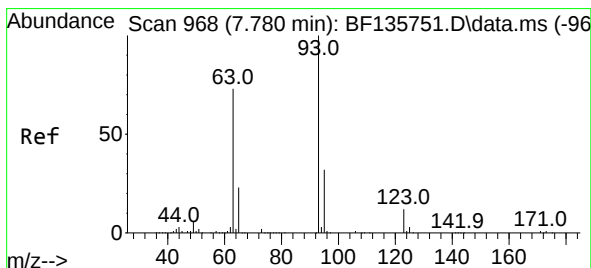
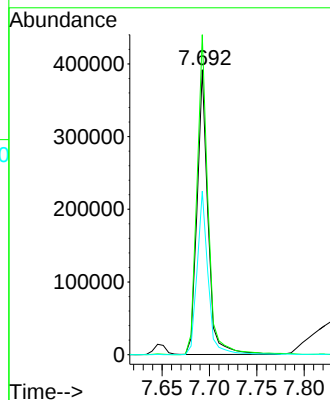
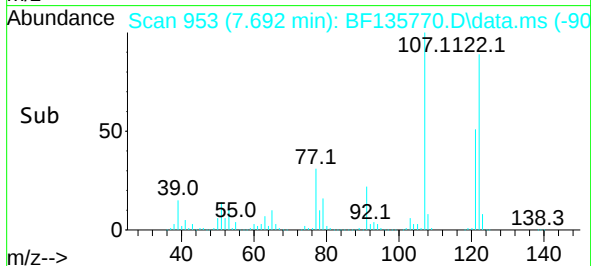
121 57.4 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.897 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

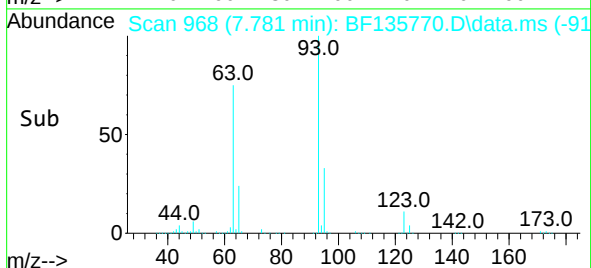
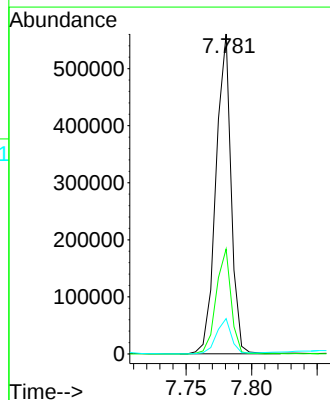
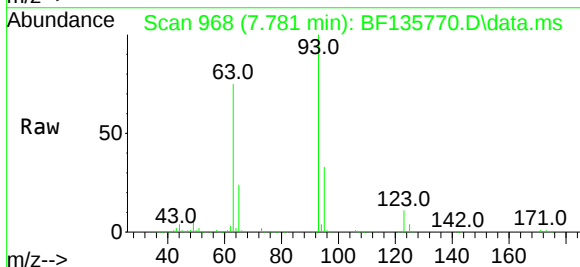
Tgt Ion: 93 Resp: 449499

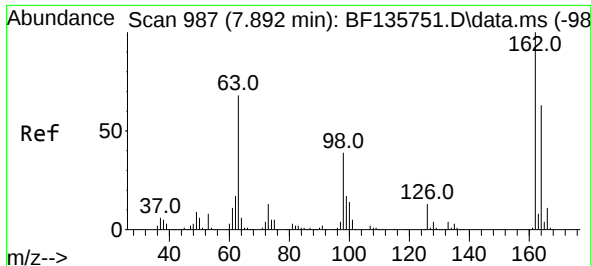
Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.300 ng

RT: 7.898 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

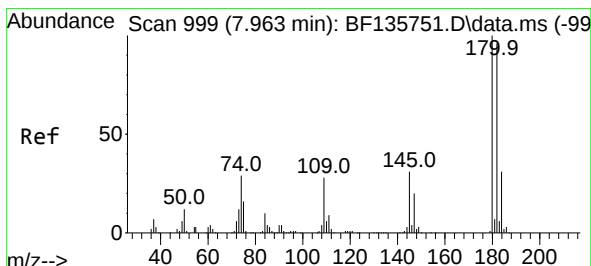
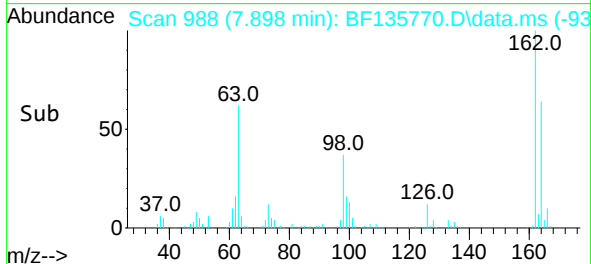
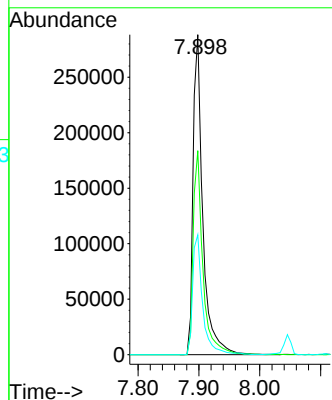
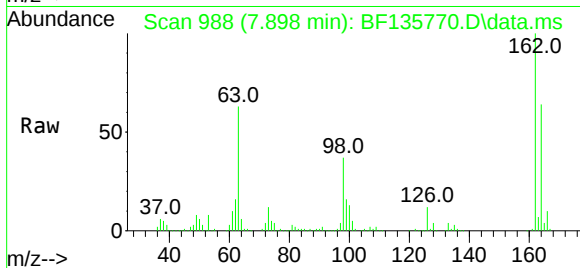
Tgt Ion:162 Resp: 31964
 Ion Ratio Lower Upper
 162 100
 164 63.8 43.4 83.4
 98 37.5 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.513 ng

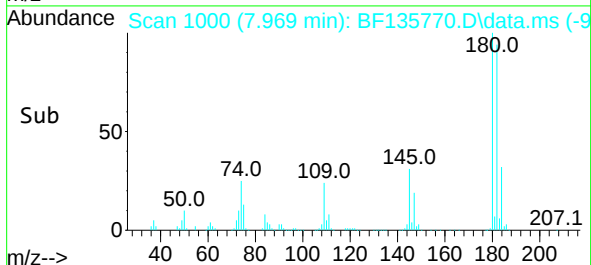
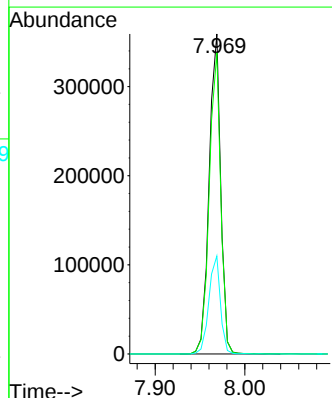
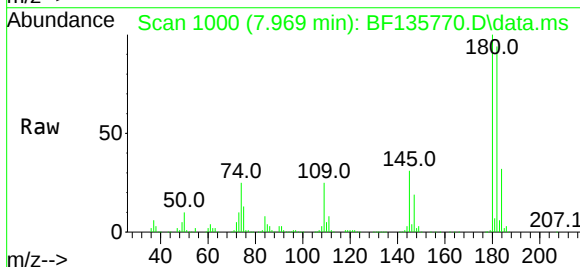
RT: 7.969 min Scan# 1000

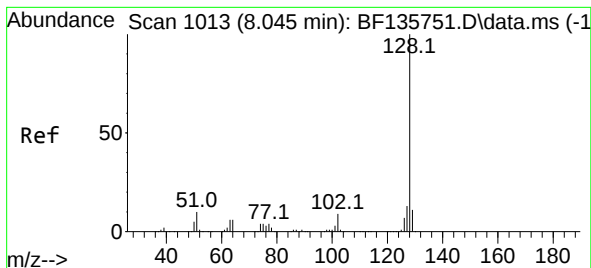
Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

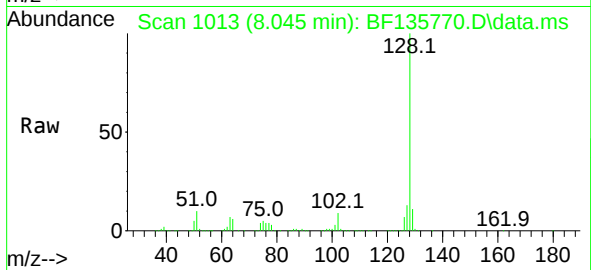
Tgt Ion:180 Resp: 321118
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.4 114.6
 145 30.6 25.0 37.6





#31
Naphthalene
Concen: 41.003 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

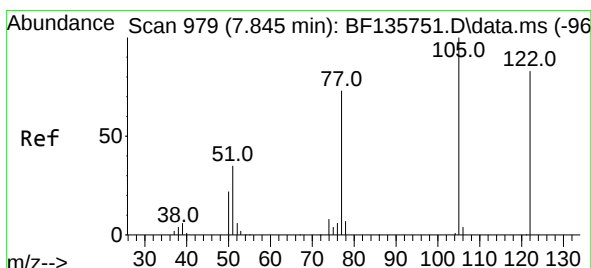
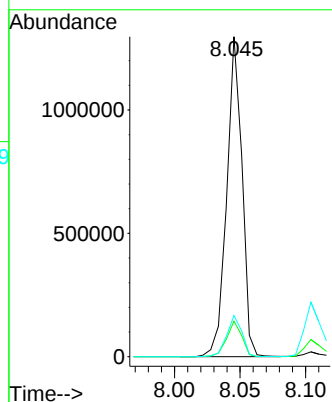
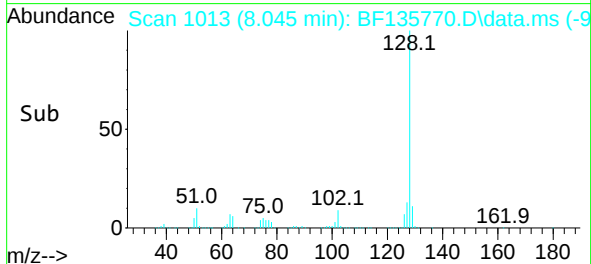
Instrument :
BNA_F
ClientSampleId :
PB156184BS



Tgt Ion:128 Resp: 1050374
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.2 15.4

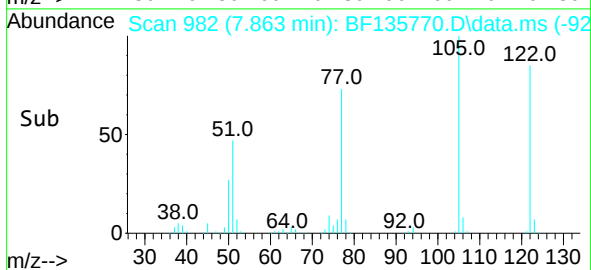
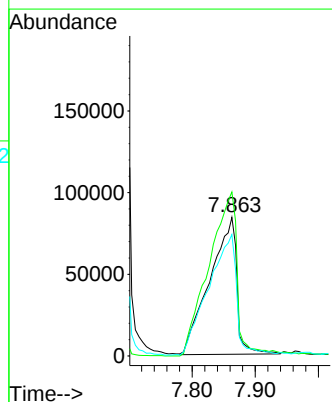
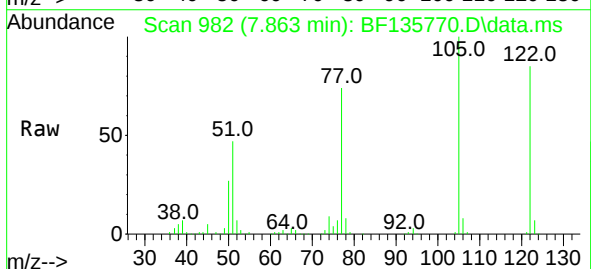
Manual Integrations
APPROVED

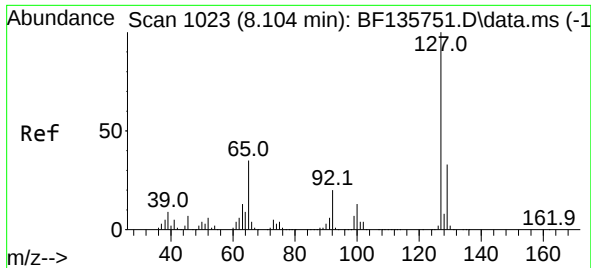
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#32
Benzoic acid
Concen: 47.737 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:122 Resp: 248793
Ion Ratio Lower Upper
122 100
105 118.3 98.7 138.7
77 87.6 67.8 107.8





#33
4-Chloroaniline
Concen: 21.520 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

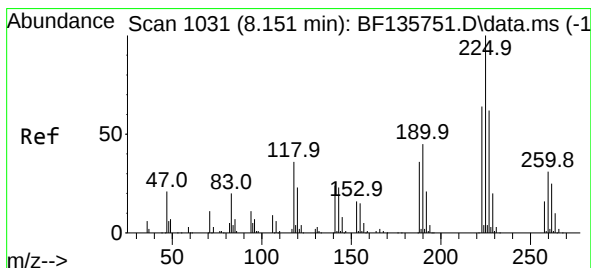
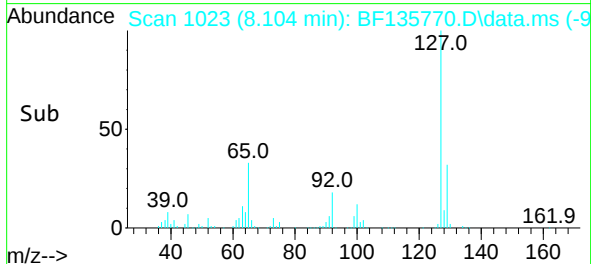
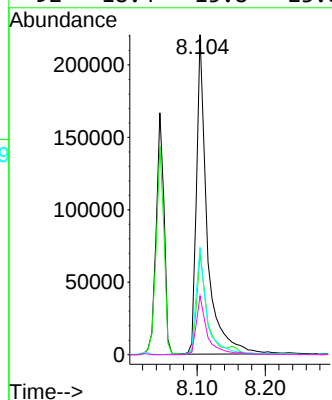
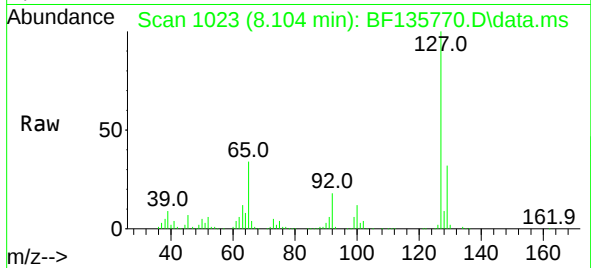
ClientSampleId :

PB156184BS

Tgt Ion:127 Resp: 240810
Ion Ratio Lower Upper
127 100
129 31.6 26.5 39.7
65 33.6 27.9 41.9
92 18.4 15.8 23.8

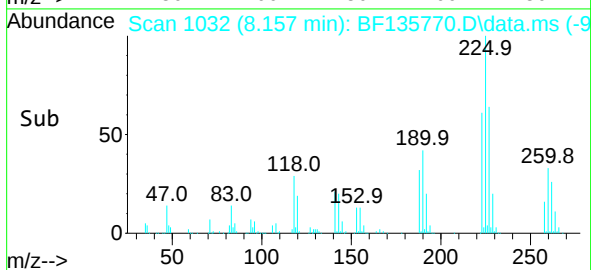
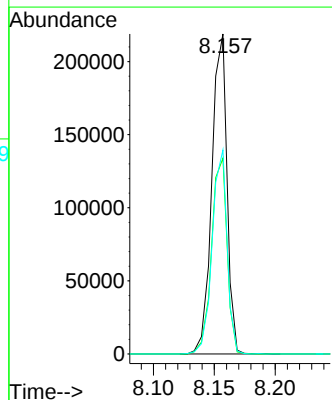
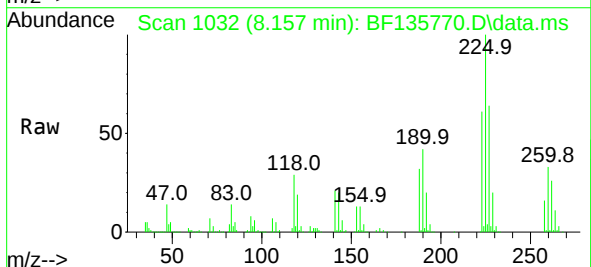
Manual Integrations
APPROVED

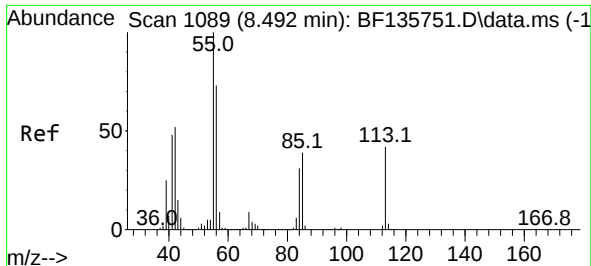
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Hexachlorobutadiene
Concen: 43.276 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

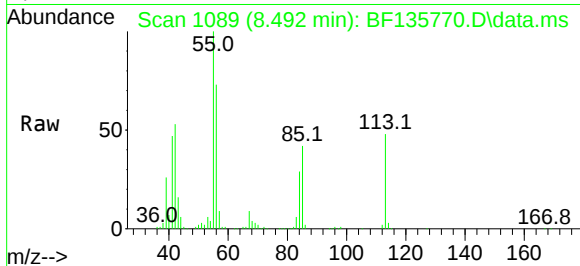
Tgt Ion:225 Resp: 189040
Ion Ratio Lower Upper
225 100
223 61.1 51.1 76.7
227 63.7 49.7 74.5





#35
Caprolactam
Concen: 45.277 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

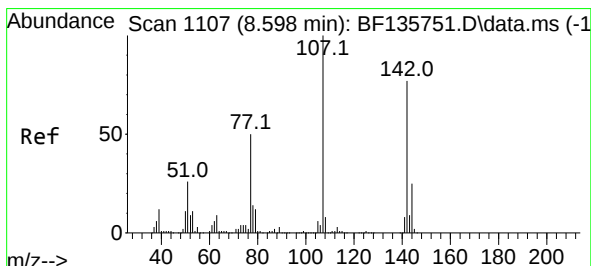
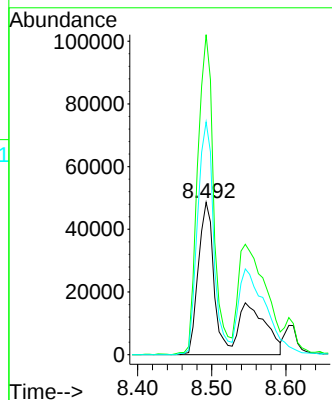
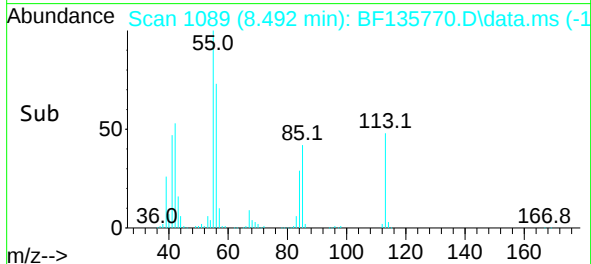
Instrument :
BNA_F
ClientSampleId :
PB156184BS



Tgt Ion:113 Resp: 111682
Ion Ratio Lower Upper
113 100
55 210.1 217.4 257.4
56 152.9 153.1 193.1

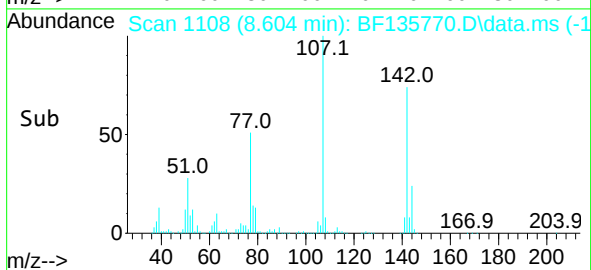
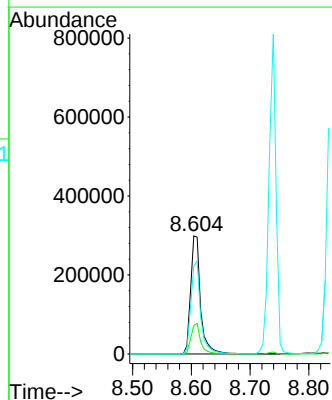
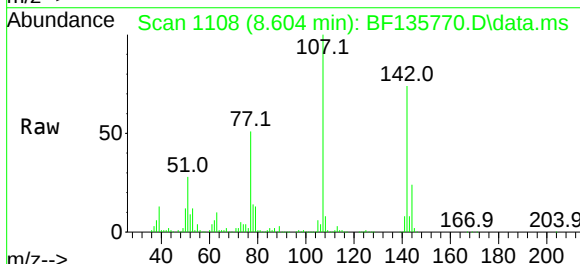
Manual Integrations
APPROVED

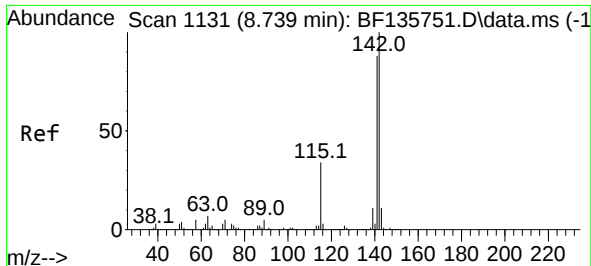
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#36
4-Chloro-3-methylphenol
Concen: 44.166 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:107 Resp: 353405
Ion Ratio Lower Upper
107 100
144 24.2 19.8 29.8
142 74.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.928 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion:142 Resp: 673904

Ion Ratio Lower Upper

142 100

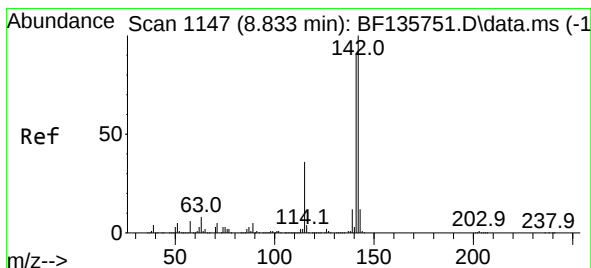
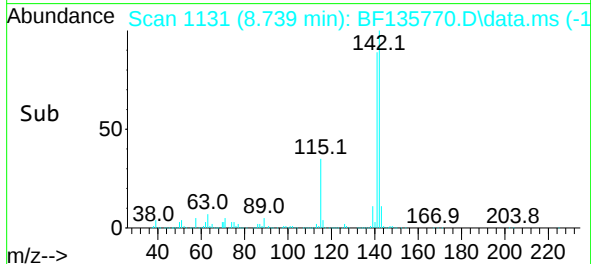
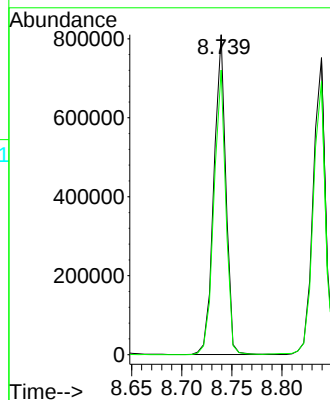
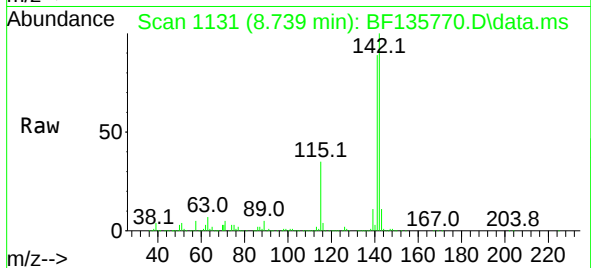
141 89.0 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#38

1-Methylnaphthalene

Concen: 40.540 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135770.D

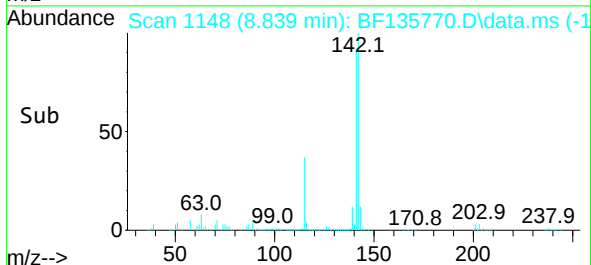
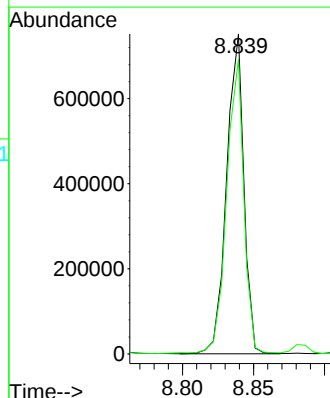
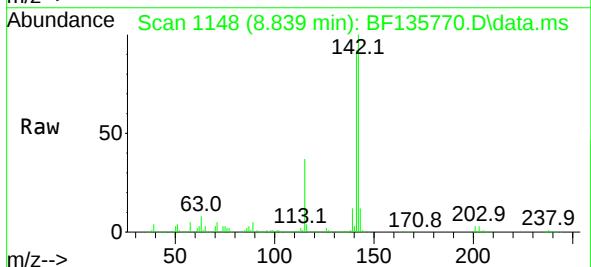
Acq: 16 Oct 2023 11:35

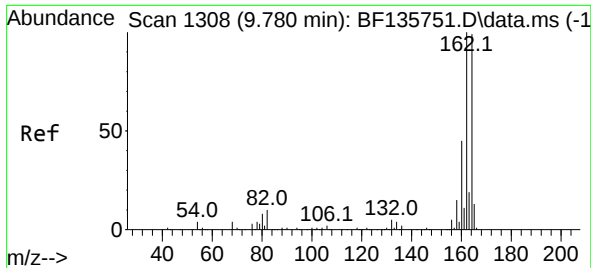
Tgt Ion:142 Resp: 631082

Ion Ratio Lower Upper

142 100

141 92.0 72.7 109.1





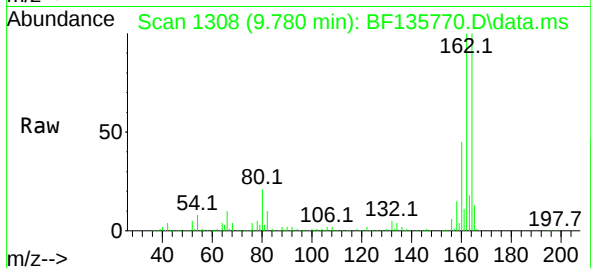
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

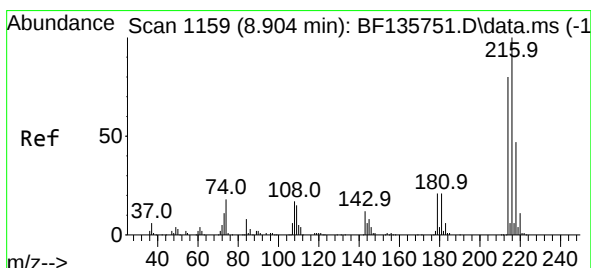
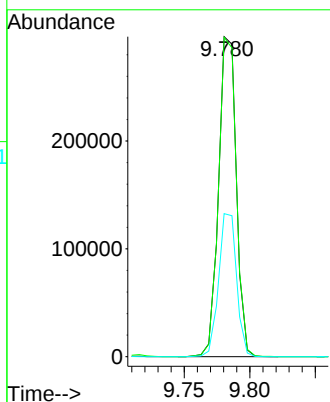
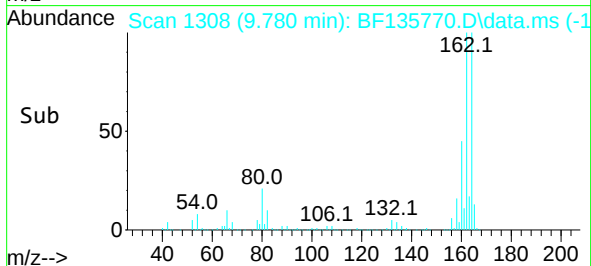
PB156184BS



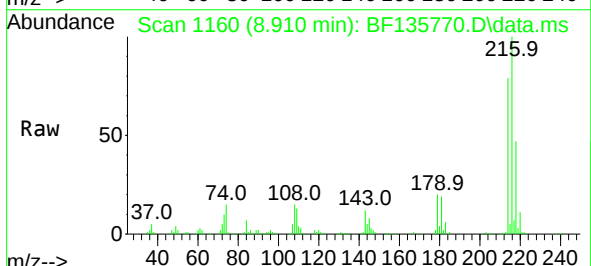
Tgt Ion:164 Resp: 278504
Ion Ratio Lower Upper
164 100
162 99.7 80.8 121.2
160 44.7 36.6 54.8

Manual Integrations
APPROVED

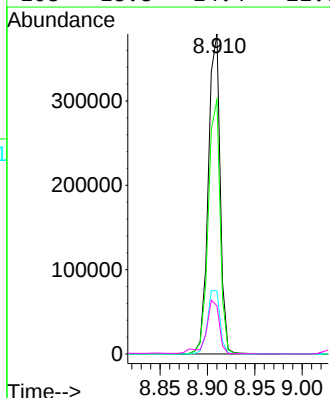
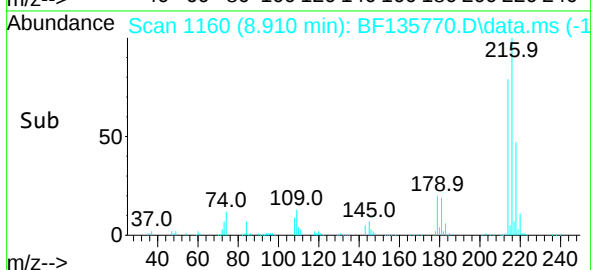
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

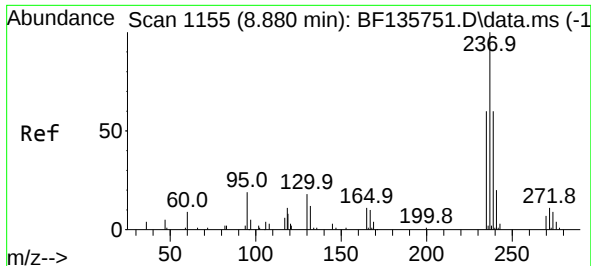


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.994 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



Tgt Ion:216 Resp: 328418
Ion Ratio Lower Upper
216 100
214 79.7 64.0 96.0
179 20.9 16.9 25.3
108 18.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 84.254 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

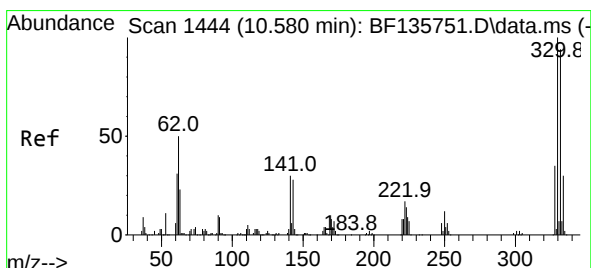
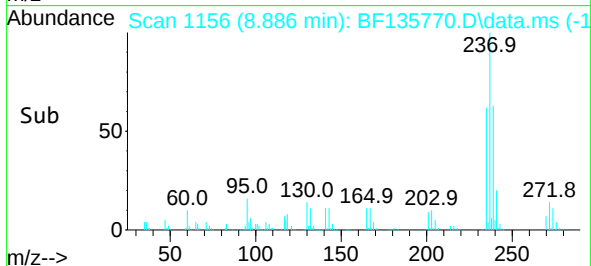
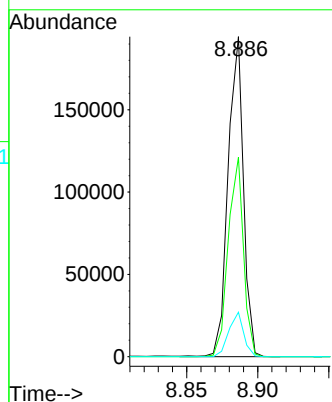
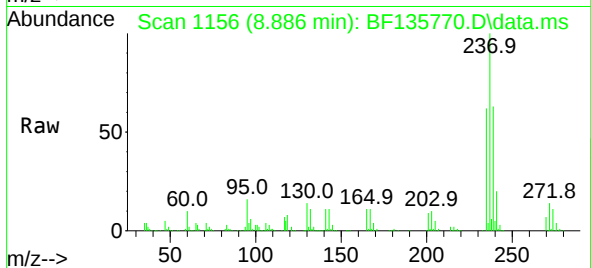
ClientSampleId :

PB156184BS

Tgt Ion:237 Resp: 14634
Ion Ratio Lower Upper
237 100
235 62.3 40.0 80.0
272 13.9 0.0 30.9

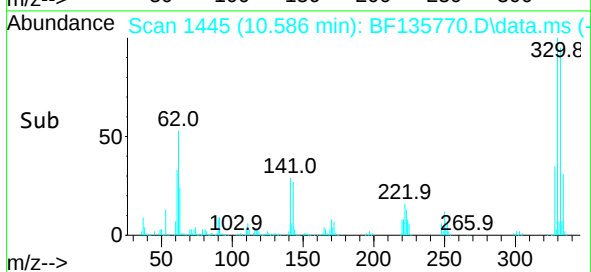
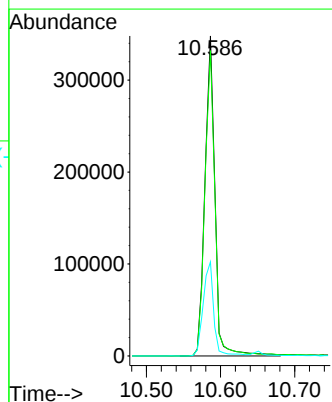
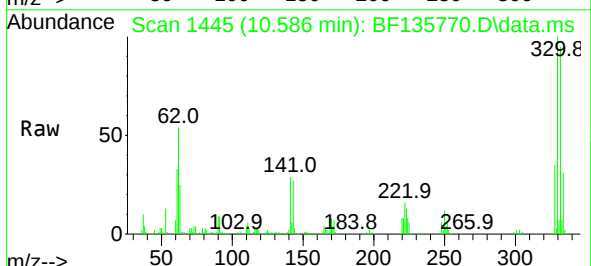
Manual Integrations
APPROVED

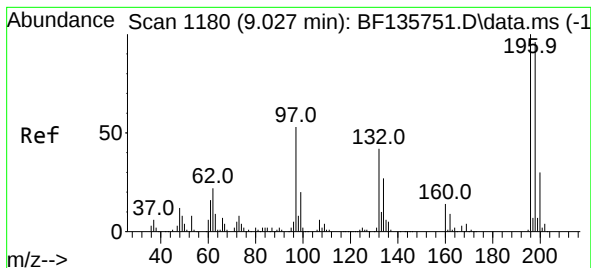
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#42
2,4,6-Tribromophenol
Concen: 122.563 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:330 Resp: 327545
Ion Ratio Lower Upper
330 100
332 95.7 75.0 112.4
141 31.0 25.8 38.6





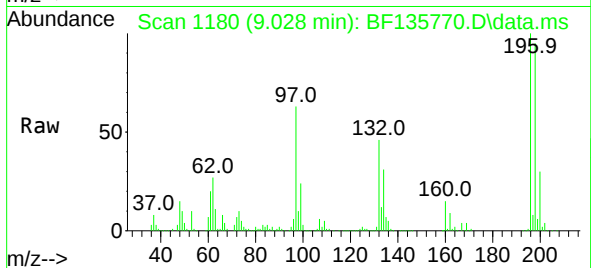
#43
2,4,6-Trichlorophenol
Concen: 42.065 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

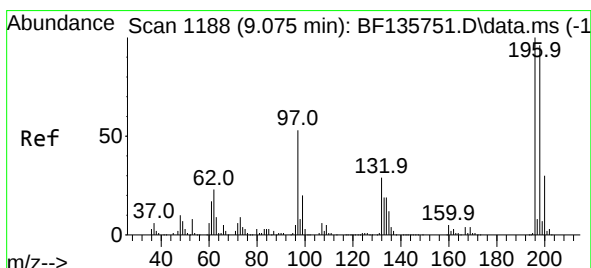
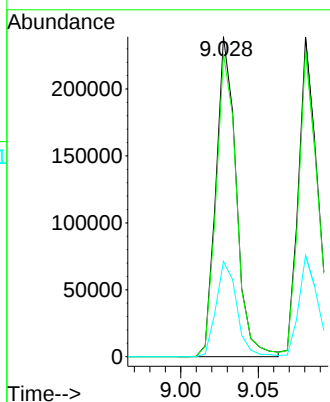
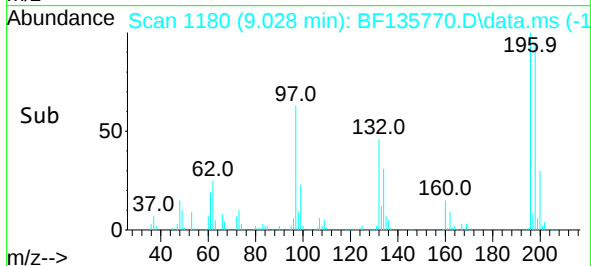


Tgt Ion:196 Resp: 217162
Ion Ratio Lower Upper
196 100
198 94.6 76.7 115.1
200 29.8 24.2 36.4

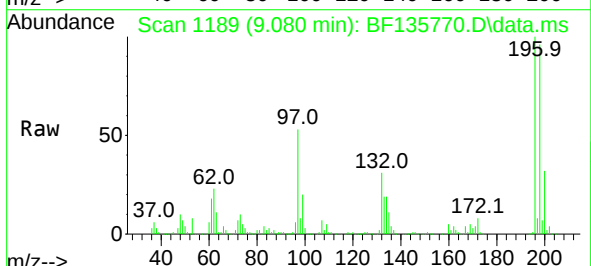
Manual Integrations

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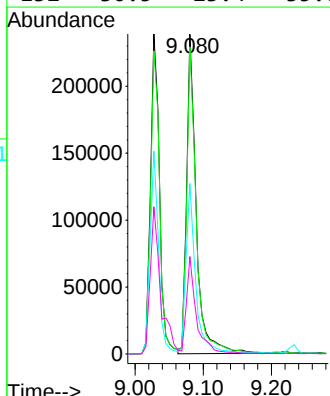
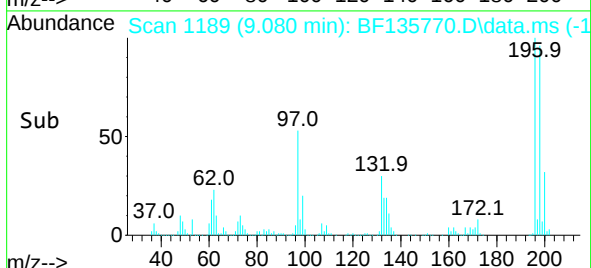
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

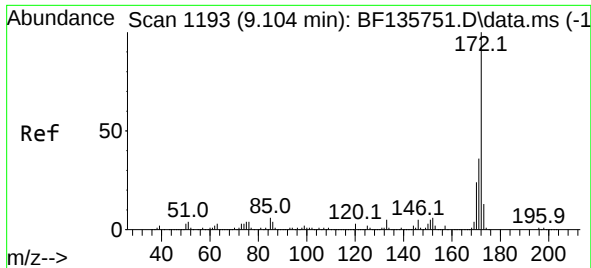


#44
2,4,5-Trichlorophenol
Concen: 38.700 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



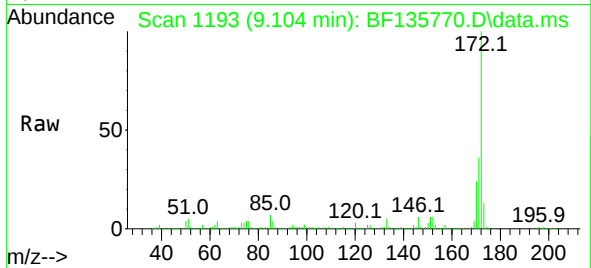
Tgt Ion:196 Resp: 232378
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.6
97 53.3 42.2 63.2
132 30.5 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 75.616 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

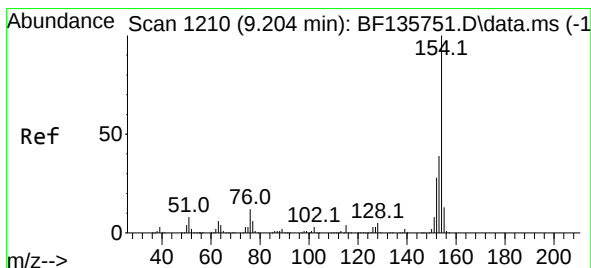
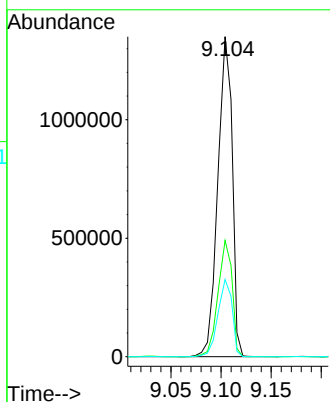
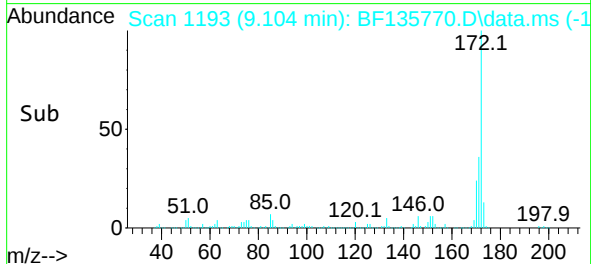
Instrument :
BNA_F
ClientSampleId :
PB156184BS



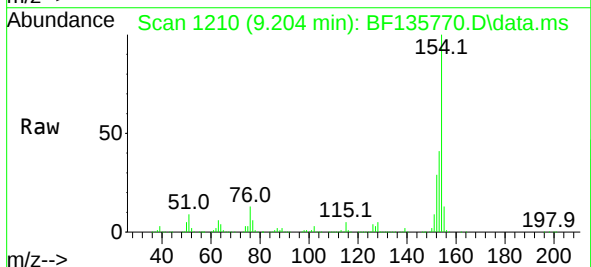
Tgt Ion:172 Resp: 134692
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.1 18.8 28.2

Manual Integrations
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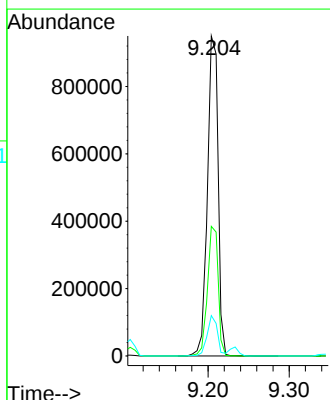
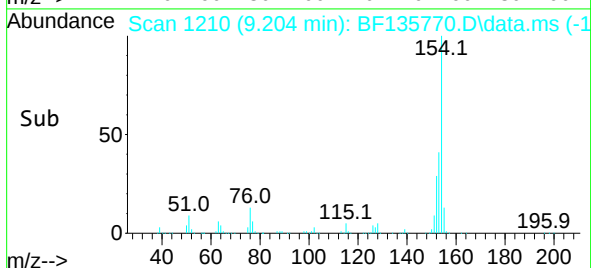
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

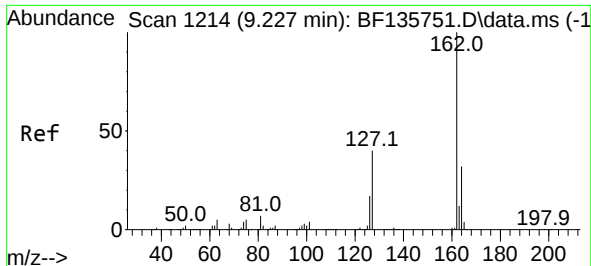


#46
1,1'-Biphenyl
Concen: 40.411 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



Tgt Ion:154 Resp: 862118
Ion Ratio Lower Upper
154 100
153 40.5 19.4 59.4
76 12.6 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.902 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

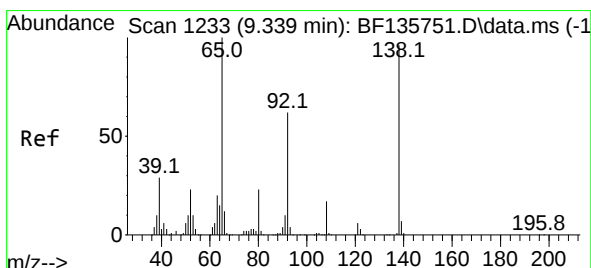
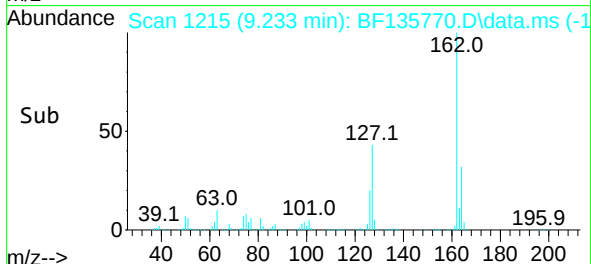
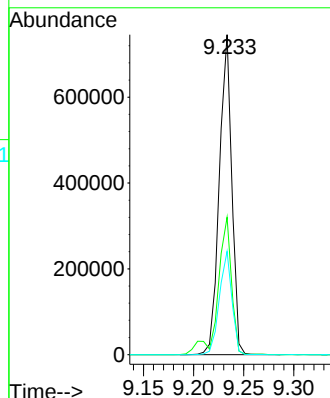
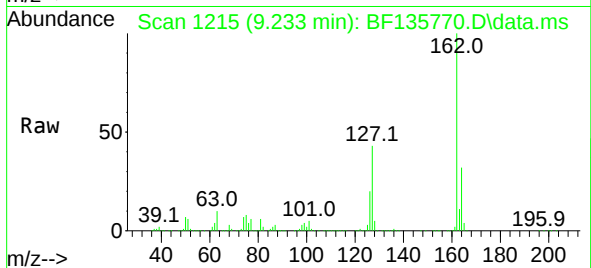
Tgt Ion:162 Resp: 644254
 Ion Ratio Lower Upper
 162 100
 127 42.9 34.7 52.1
 164 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#48

2-Nitroaniline

Concen: 42.479 ng

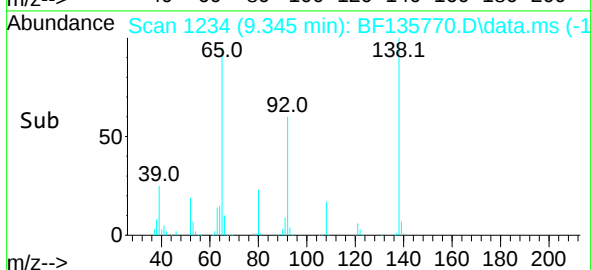
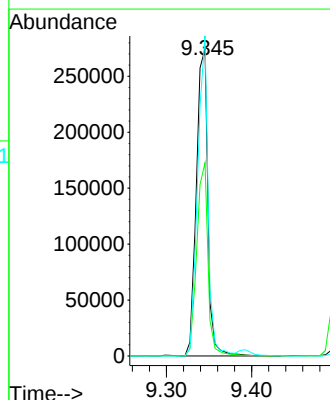
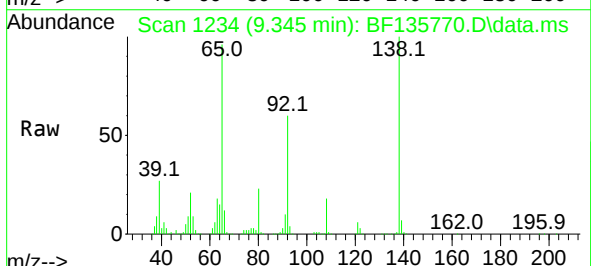
RT: 9.345 min Scan# 1234

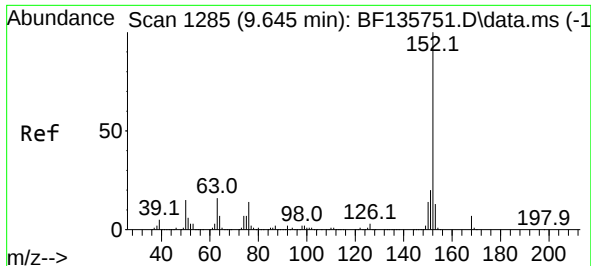
Delta R.T. 0.006 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Tgt Ion: 65 Resp: 257804
 Ion Ratio Lower Upper
 65 100
 92 62.9 49.4 74.0
 138 104.2 76.6 114.8





#49

Acenaphthylene

Concen: 40.626 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion:152 Resp: 1033694

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.2

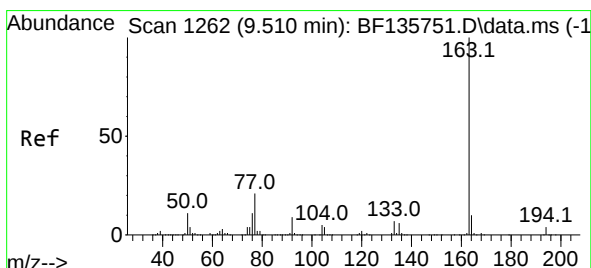
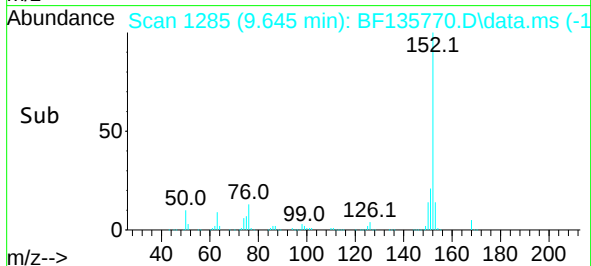
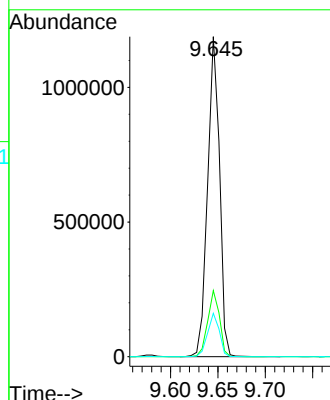
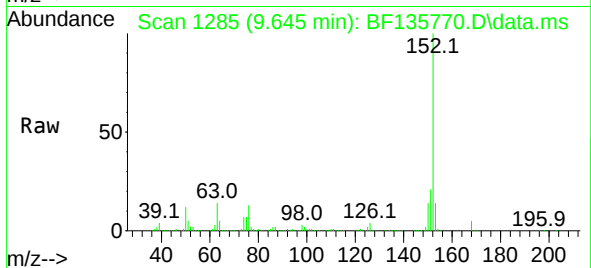
153 13.5 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#50

Dimethylphthalate

Concen: 41.530 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

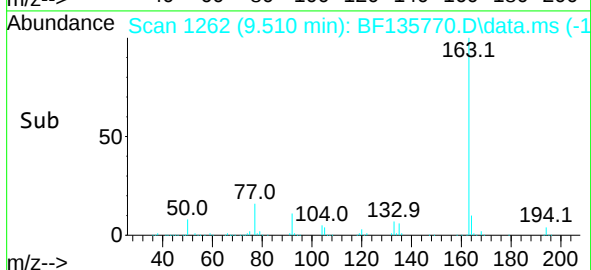
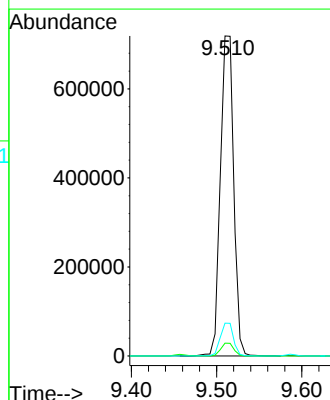
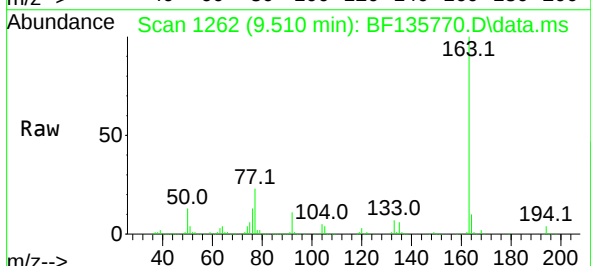
Tgt Ion:163 Resp: 780806

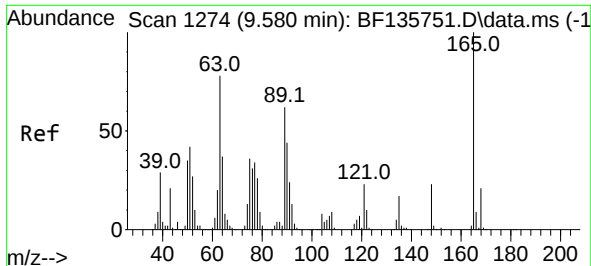
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 42.321 ng

RT: 9.586 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion:165 Resp: 171104

Ion Ratio Lower Upper

165 100

63 80.5 62.2 93.4

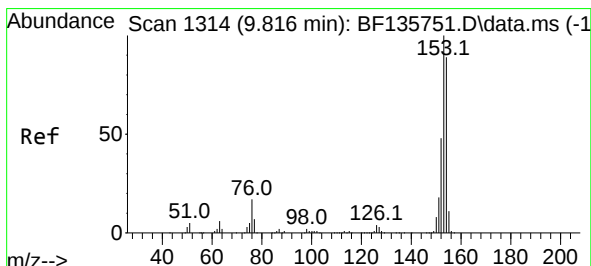
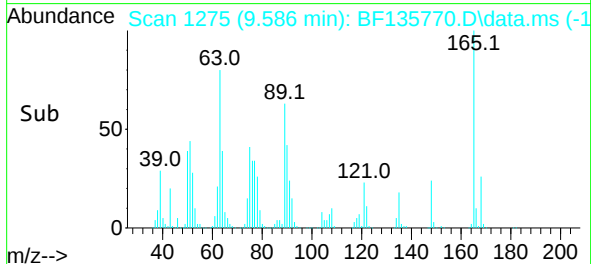
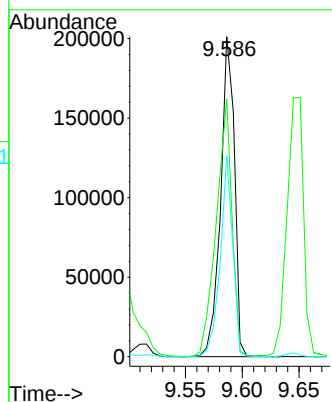
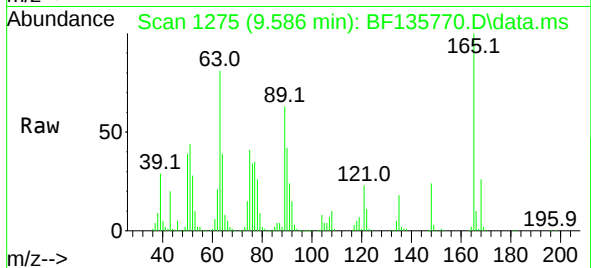
89 62.9 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#52

Acenaphthene

Concen: 40.969 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

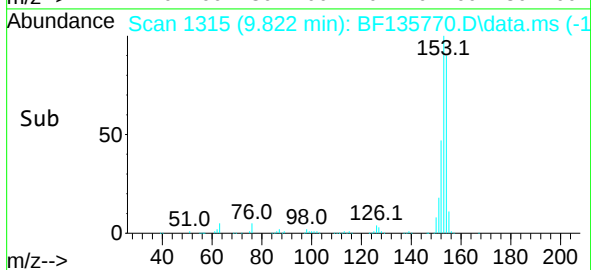
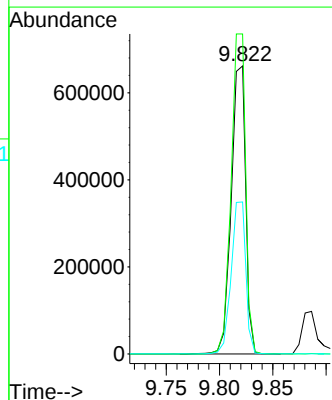
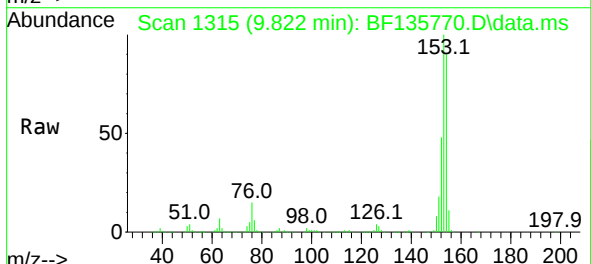
Tgt Ion:154 Resp: 624805

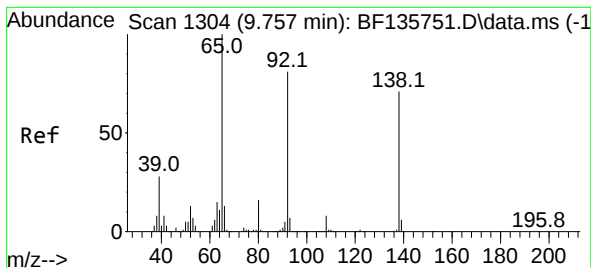
Ion Ratio Lower Upper

154 100

153 111.1 90.1 135.1

152 52.8 43.1 64.7





#53

3-Nitroaniline

Concen: 31.587 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion:138 Resp: 156549

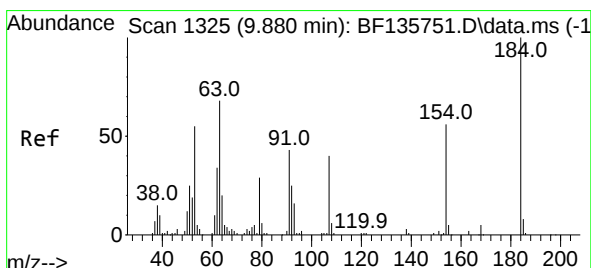
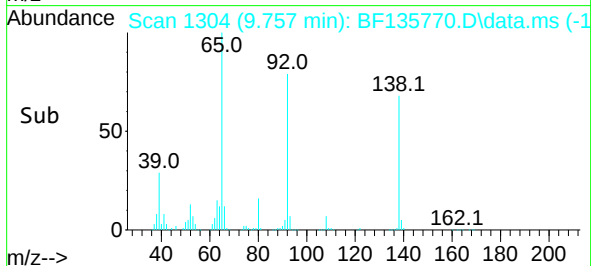
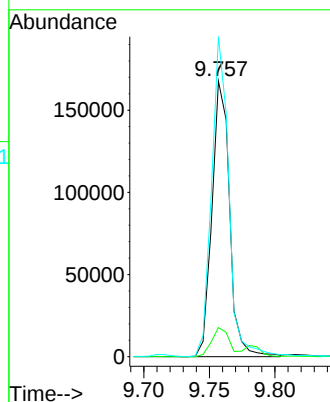
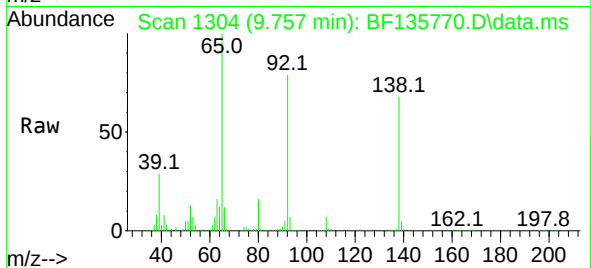
Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	13.0
92	116.1	91.3	136.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#54

2,4-Dinitrophenol

Concen: 111.943 ng

RT: 9.886 min Scan# 1326

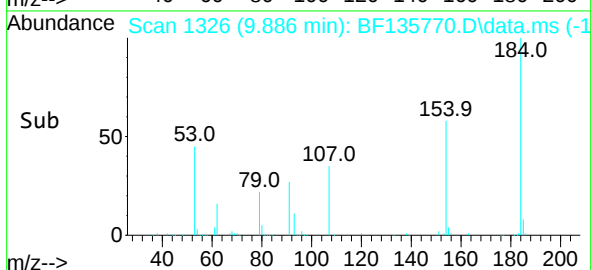
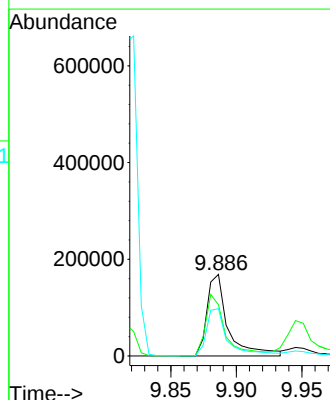
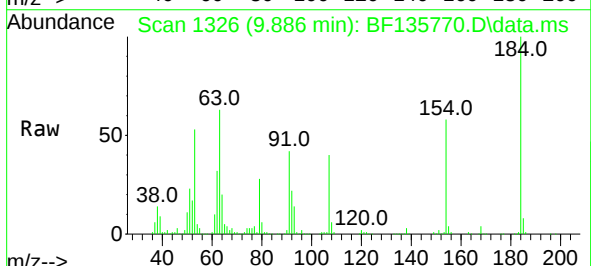
Delta R.T. 0.006 min

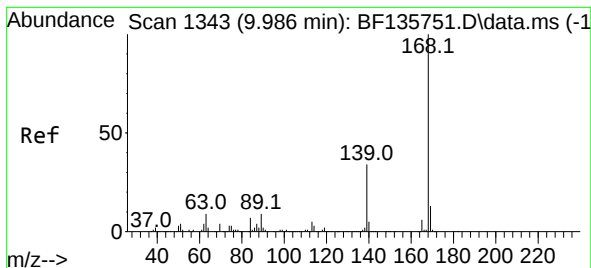
Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Tgt Ion:184 Resp: 188924

Ion	Ratio	Lower	Upper
184	100		
63	62.7	54.6	81.8
154	58.1	45.0	67.4





#55

Dibenzenofuran

Concen: 40.764 ng

RT: 9.992 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

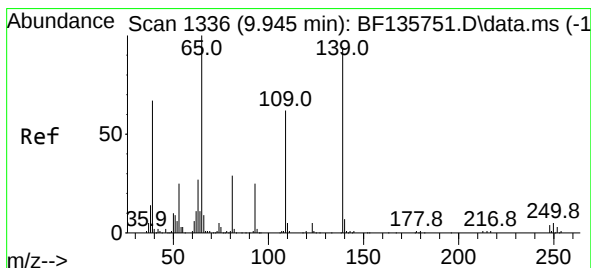
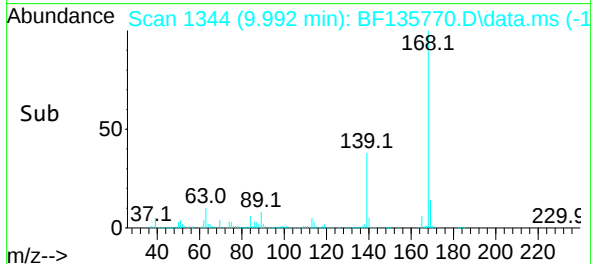
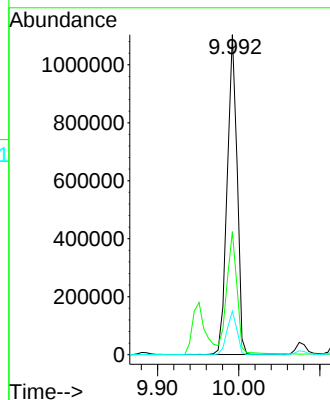
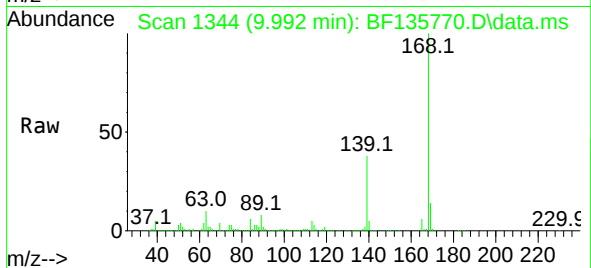
Tgt Ion:168 Resp: 93804
 Ion Ratio Lower Upper
 168 100
 139 38.4 31.0 46.4
 169 13.6 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#56

4-Nitrophenol

Concen: 89.971 ng

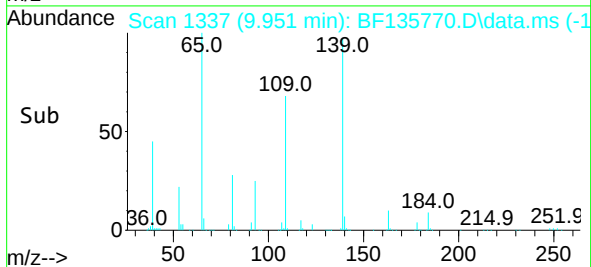
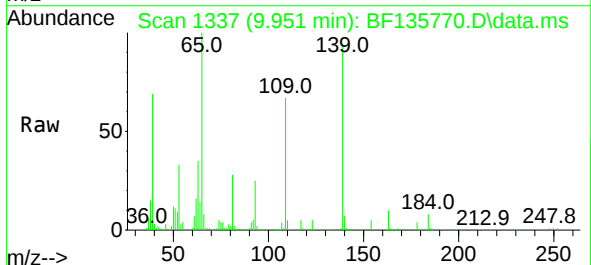
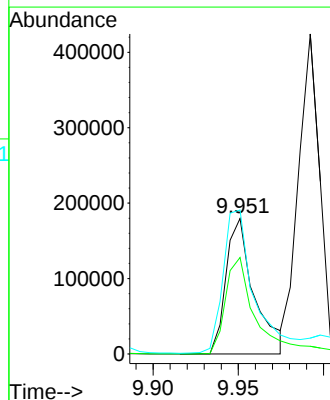
RT: 9.951 min Scan# 1337

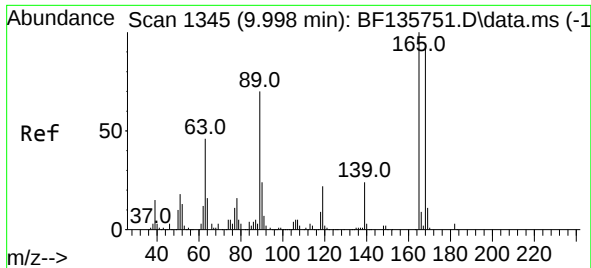
Delta R.T. 0.006 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Tgt Ion:139 Resp: 205978
 Ion Ratio Lower Upper
 139 100
 109 71.1 45.6 85.6
 65 106.3 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 43.354 ng

RT: 10.004 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion:165 Resp: 222994

Ion Ratio Lower Upper

165 100

63 48.8 39.0 58.4

89 69.9 55.9 83.9

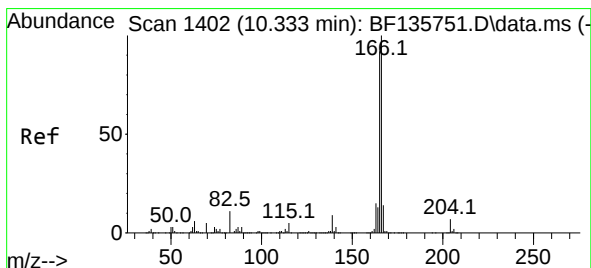
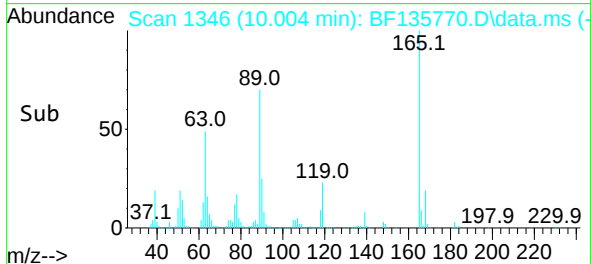
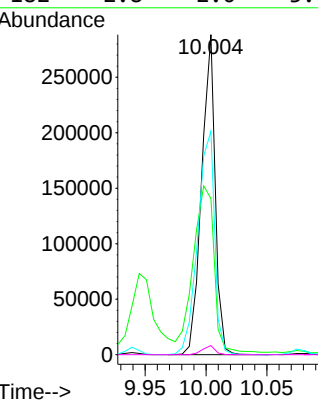
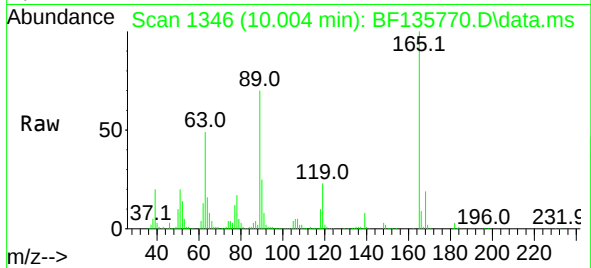
182 2.8 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#58

Fluorene

Concen: 42.278 ng

RT: 10.339 min Scan# 1403

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

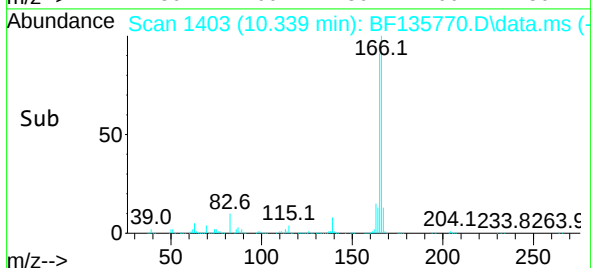
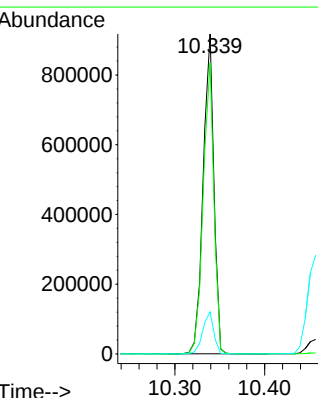
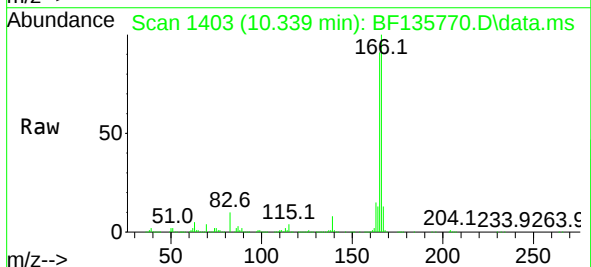
Tgt Ion:166 Resp: 761636

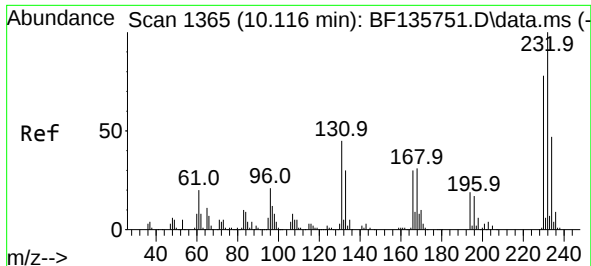
Ion Ratio Lower Upper

166 100

165 90.9 73.4 110.0

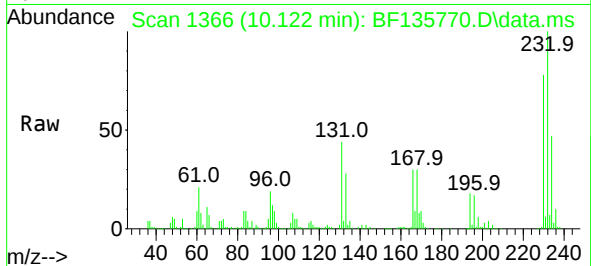
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.955 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

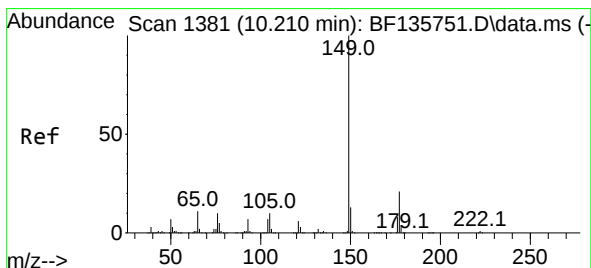
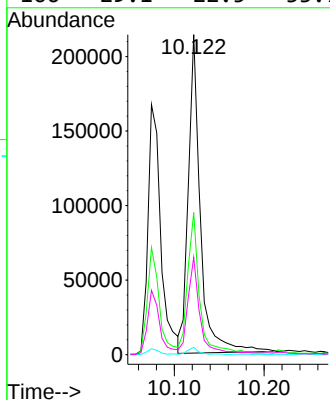
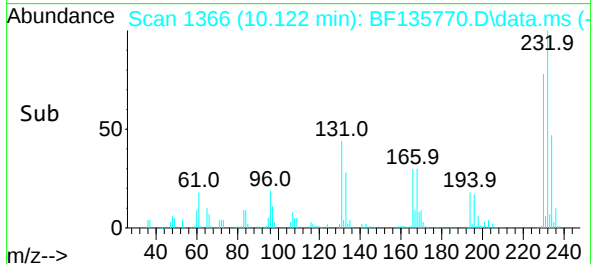
Instrument :
BNA_F
ClientSampleId :
PB156184BS



Tgt Ion:232 Resp: 19945
Ion Ratio Lower Upper
232 100
131 45.3 35.8 53.6
130 2.4 1.9 2.9
166 29.1 22.5 33.7

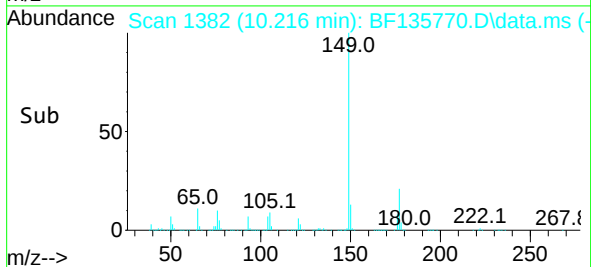
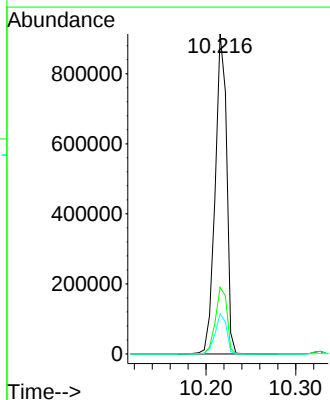
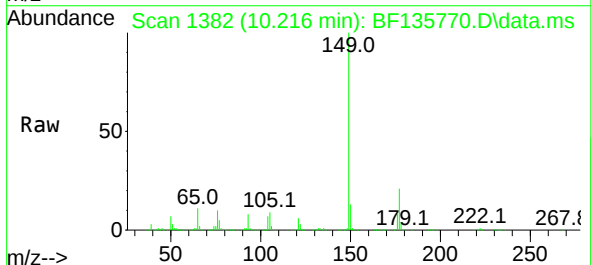
Manual Integrations
APPROVED

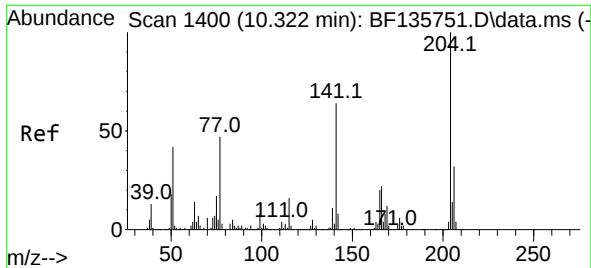
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#60
Diethylphthalate
Concen: 42.227 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

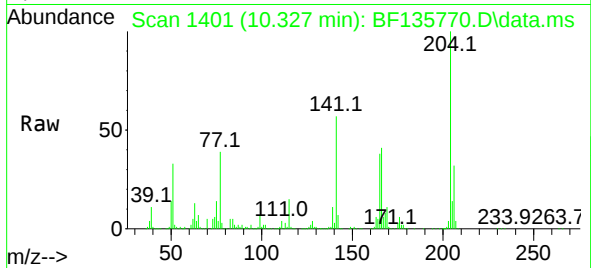
Tgt Ion:149 Resp: 810488
Ion Ratio Lower Upper
149 100
177 20.8 16.9 25.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.879 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

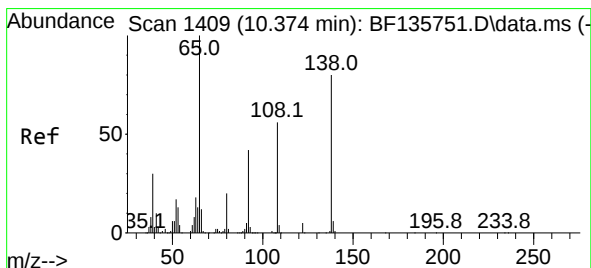
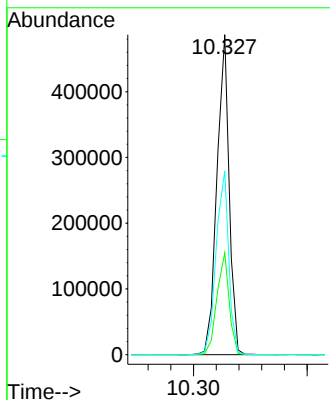
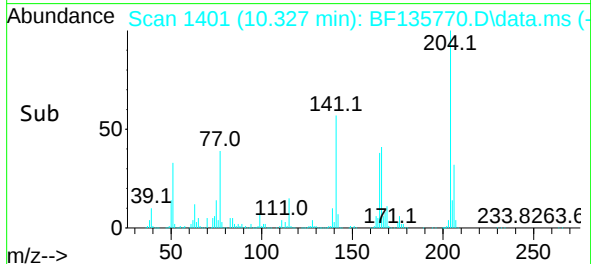
Instrument :
BNA_F
ClientSampleId :
PB156184BS



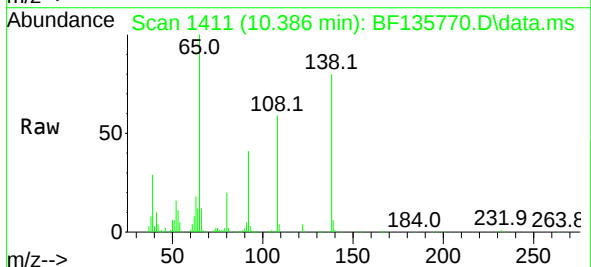
Tgt Ion:204 Resp: 364630
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.6
141 57.5 51.4 77.0

Manual Integrations
APPROVED

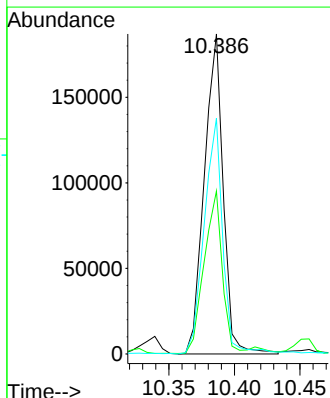
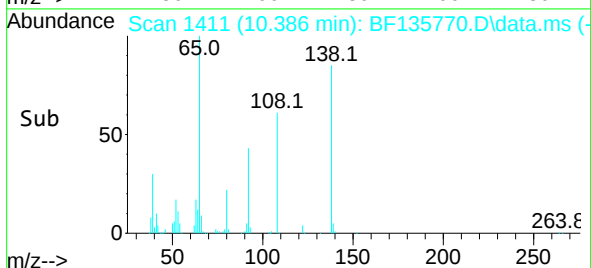
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

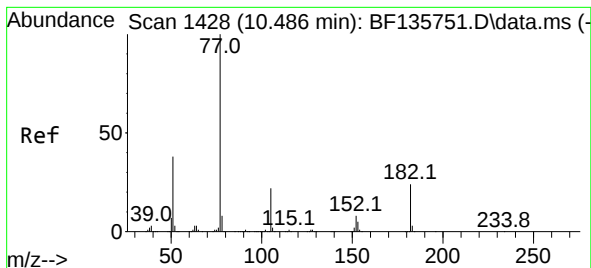


#62
4-Nitroaniline
Concen: 41.179 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



Tgt Ion:138 Resp: 187780
Ion Ratio Lower Upper
138 100
92 50.9 31.9 71.9
108 73.6 49.7 89.7





#63

Azobenzene

Concen: 41.396 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

Tgt Ion: 77 Resp: 771930

Ion Ratio Lower Upper

77 100

182 26.2 3.5 43.5

105 22.8 2.2 42.2

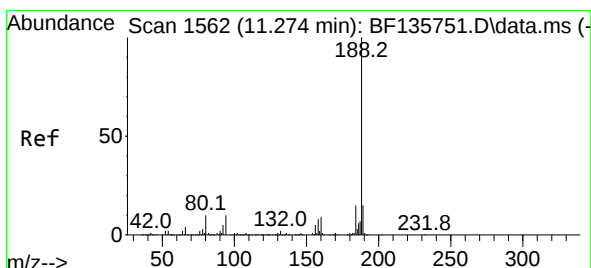
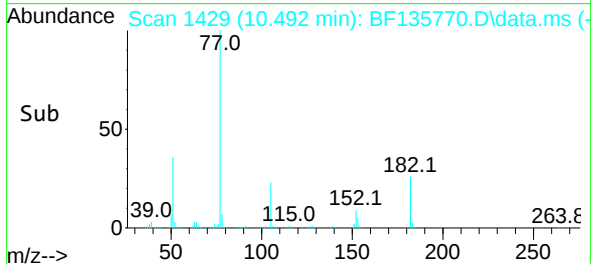
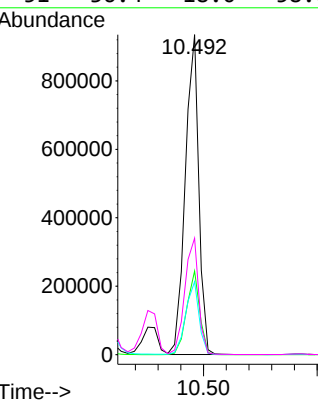
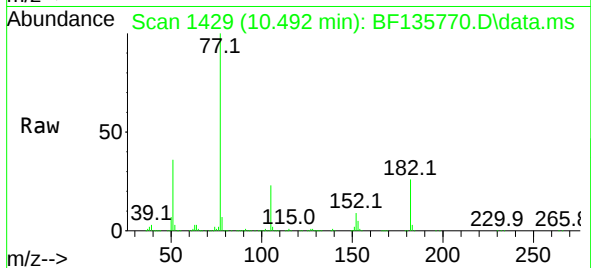
51 36.4 18.0 58.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.000 min

Lab File: BF135770.D

Acq: 16 Oct 2023 11:35

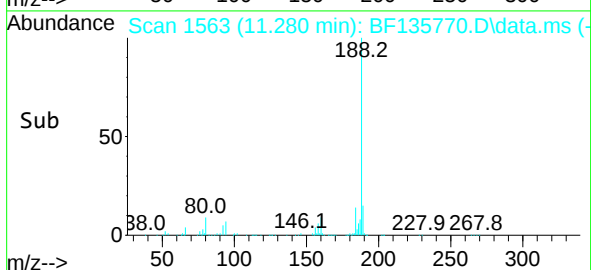
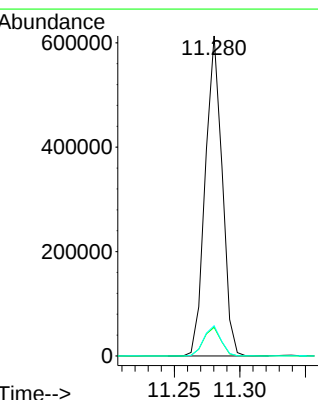
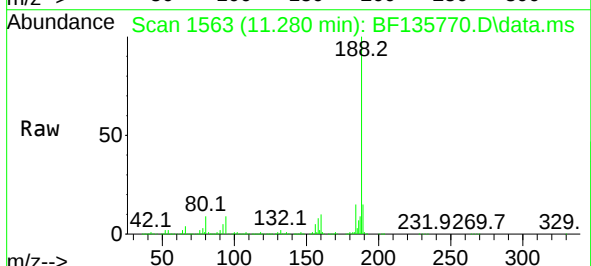
Tgt Ion:188 Resp: 547934

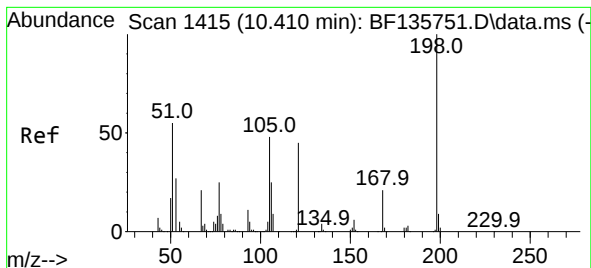
Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

80 9.4 8.3 12.5





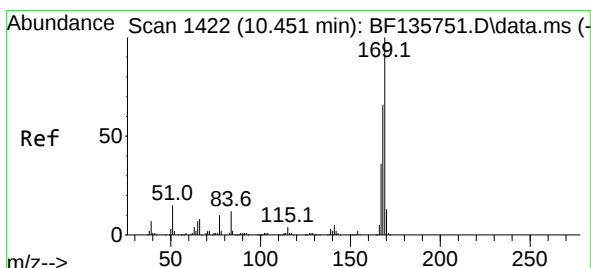
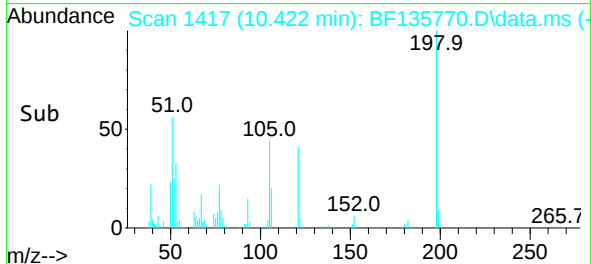
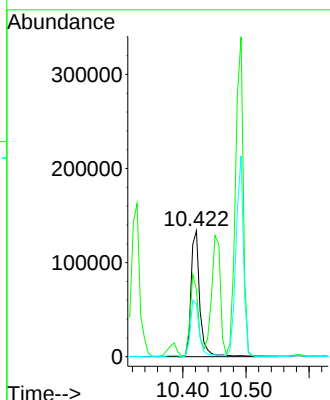
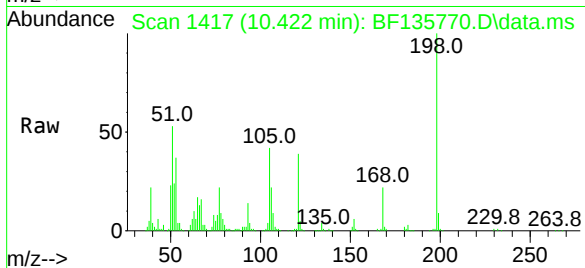
#65
4,6-Dinitro-2-methylphenol
Concen: 47.358 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :
BNA_F
ClientSampleId :
PB156184BS

Tgt Ion:198 Resp: 13059
Ion Ratio Lower Upper
198 100
51 53.1 47.6 87.6
105 41.7 29.2 69.2

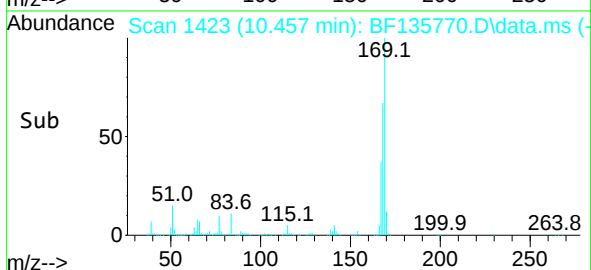
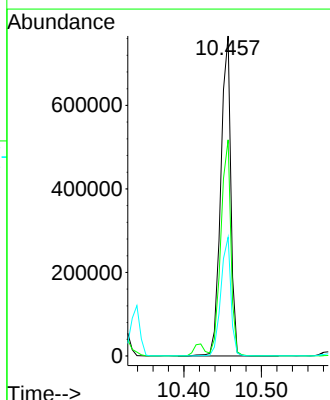
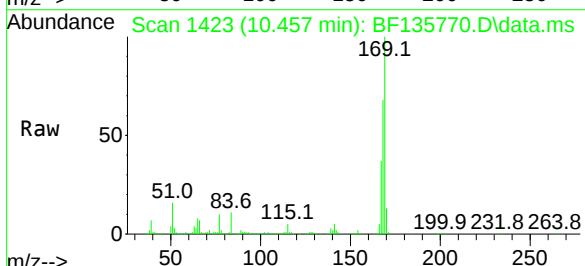
Manual Integrations
APPROVED

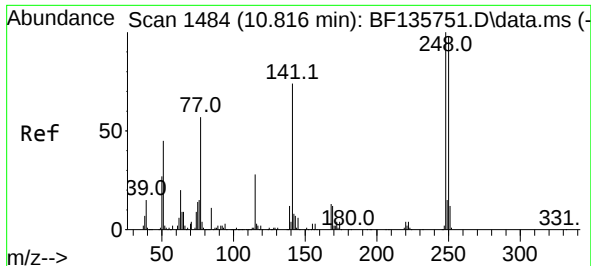
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#66
n-Nitrosodiphenylamine
Concen: 41.343 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:169 Resp: 690465
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.2
167 37.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.565 ng
RT: 10.822 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

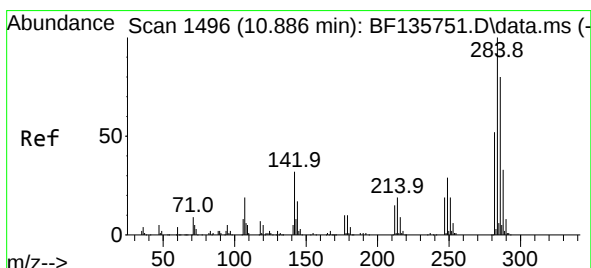
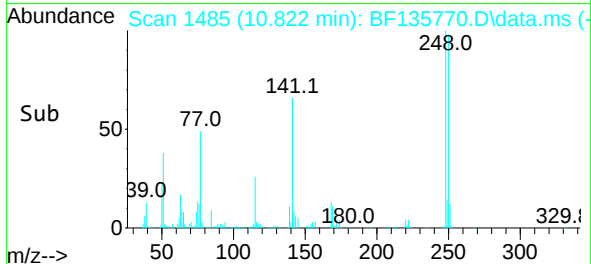
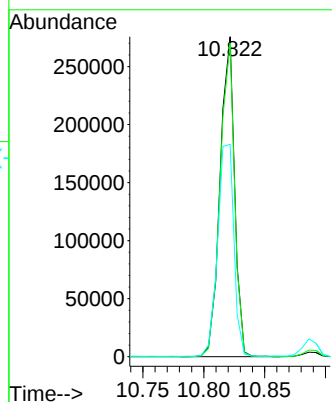
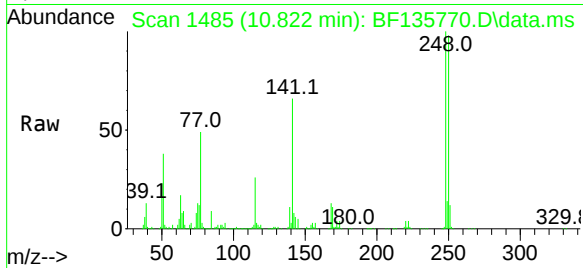
ClientSampleId :

PB156184BS

Tgt Ion:248 Resp: 228620
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 66.3 59.0 88.6

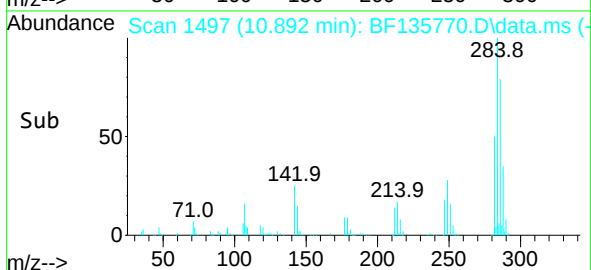
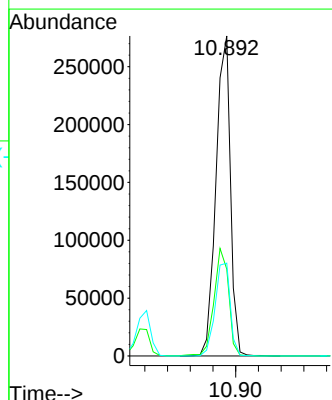
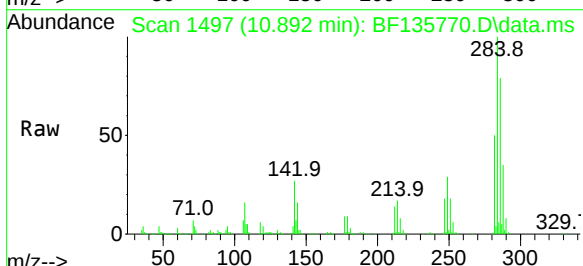
Manual Integrations
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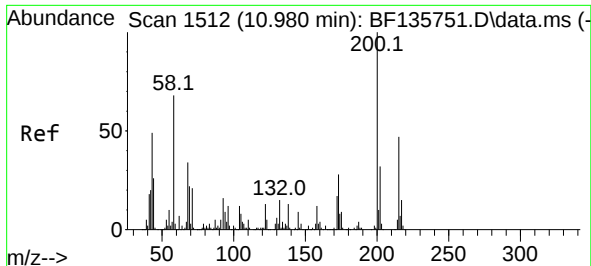
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#68
Hexachlorobenzene
Concen: 43.614 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:284 Resp: 244233
Ion Ratio Lower Upper
284 100
142 27.1 25.3 37.9
249 29.0 23.5 35.3





#69
 Atrazine
 Concen: 48.103 ng
 RT: 10.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF135770.D
 Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

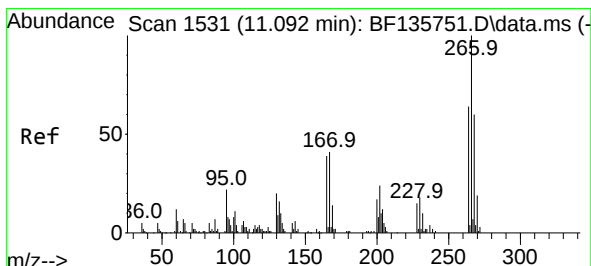
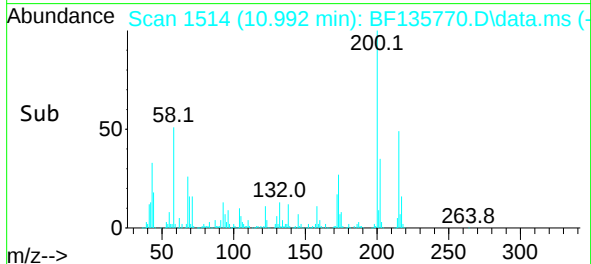
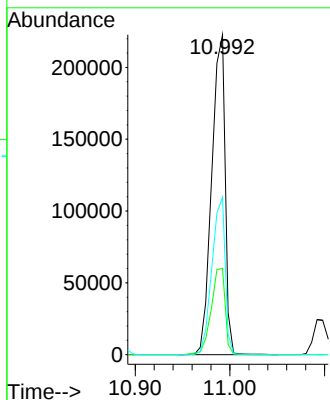
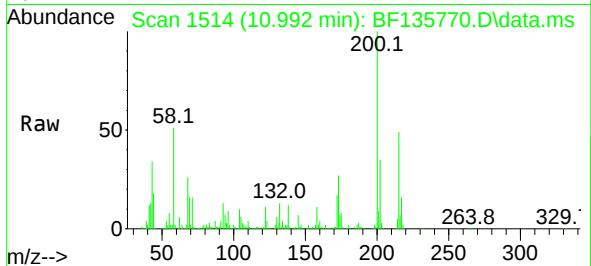
ClientSampleId :

PB156184BS

Tgt Ion:200 Resp: 21851
 Ion Ratio Lower Upper
 200 100
 173 26.9 7.6 47.6
 215 49.2 27.1 67.1

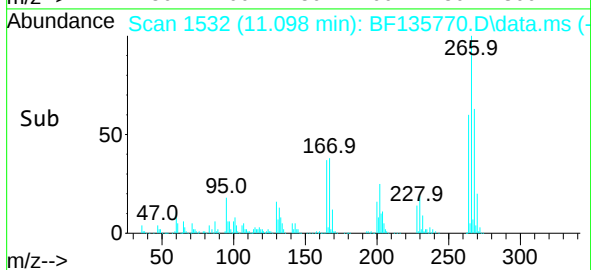
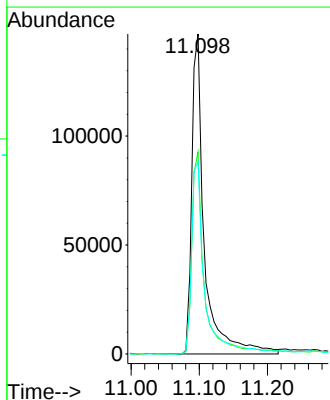
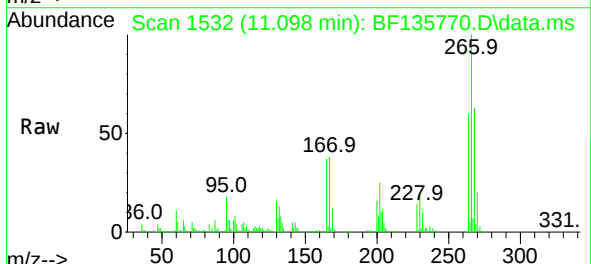
Manual Integrations
 APPROVED

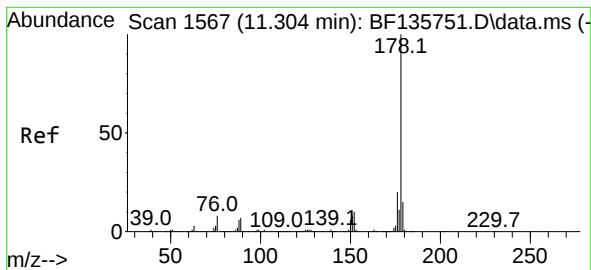
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#70
 Pentachlorophenol
 Concen: 84.968 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.006 min
 Lab File: BF135770.D
 Acq: 16 Oct 2023 11:35

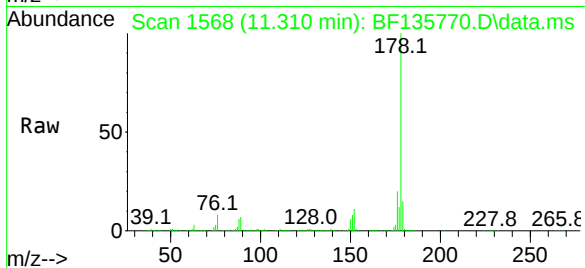
Tgt Ion:266 Resp: 187663
 Ion Ratio Lower Upper
 266 100
 268 63.1 47.7 71.5
 264 60.1 51.4 77.2





#71
Phenanthrene
Concen: 41.259 ng
RT: 11.310 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

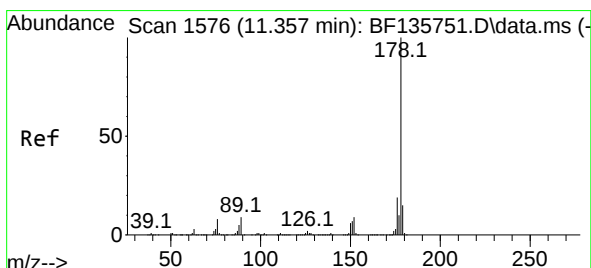
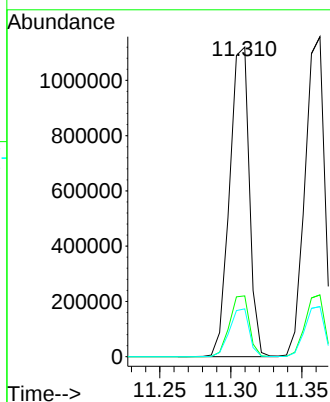
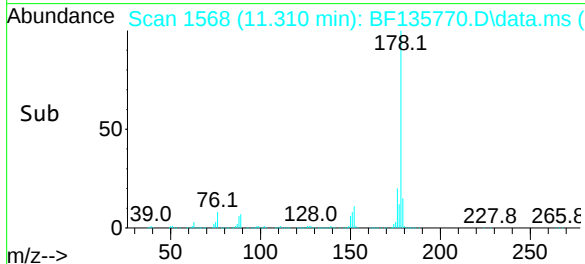
Instrument :
BNA_F
ClientSampleId :
PB156184BS



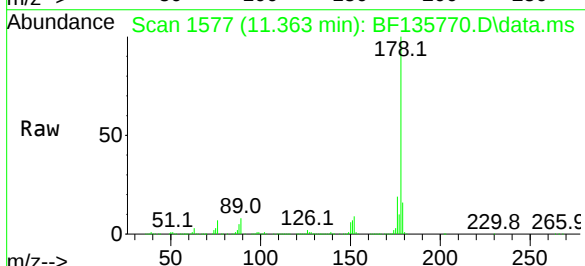
Tgt Ion:178 Resp: 1083004
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.5 12.2 18.4

Manual Integrations
APPROVED

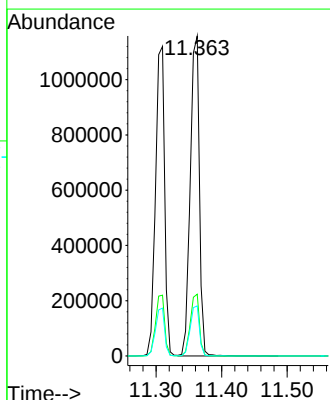
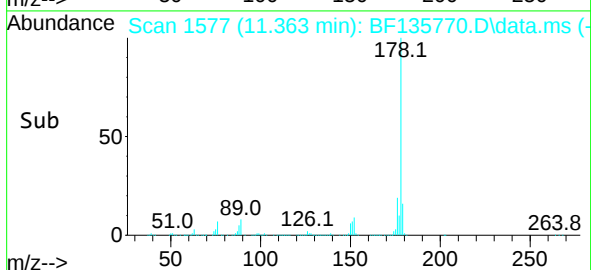
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

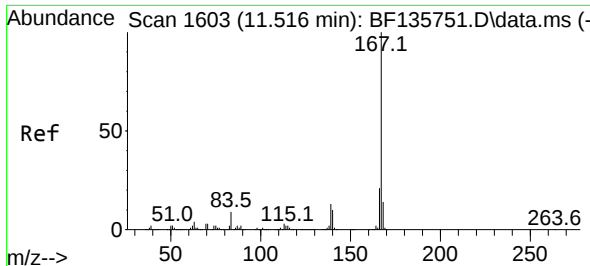


#72
Anthracene
Concen: 40.910 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



Tgt Ion:178 Resp: 1112746
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.7 12.3 18.5





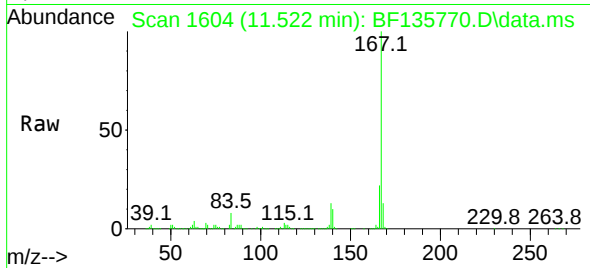
#73
 Carbazole
 Concen: 41.778 ng
 RT: 11.522 min Scan# 1604
 Delta R.T. -0.000 min
 Lab File: BF135770.D
 Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS



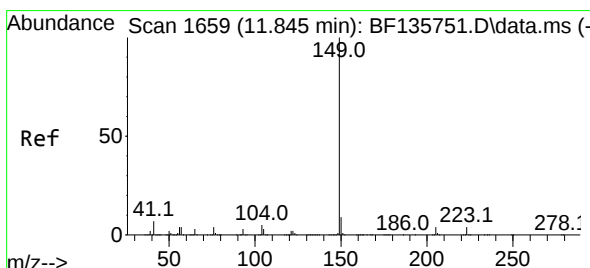
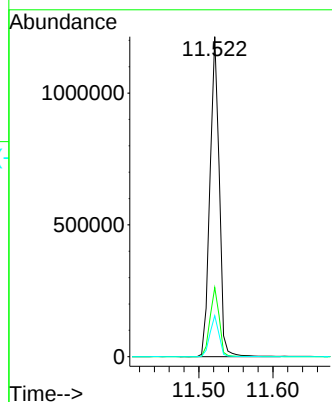
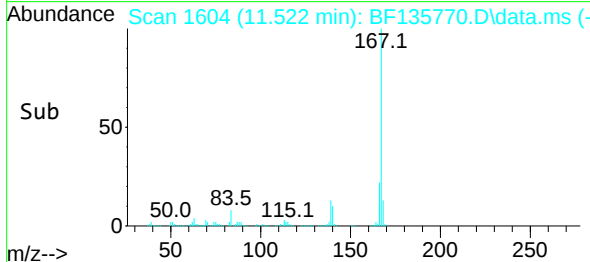
Tgt Ion:167 Resp: 1059804
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations

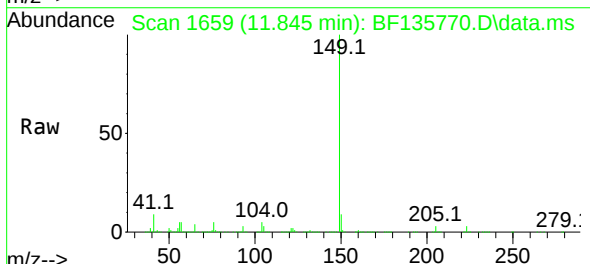
APPROVED

Reviewed By :Yogesh Patel 10/17/2023

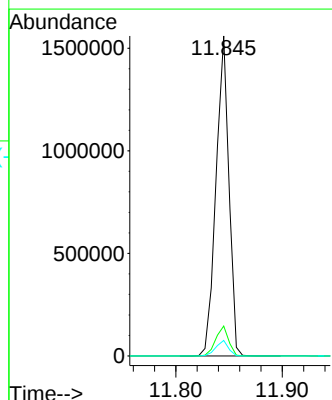
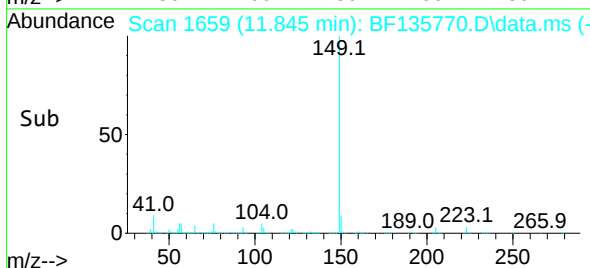
Supervised By :mohammad ahmed 10/17/2023

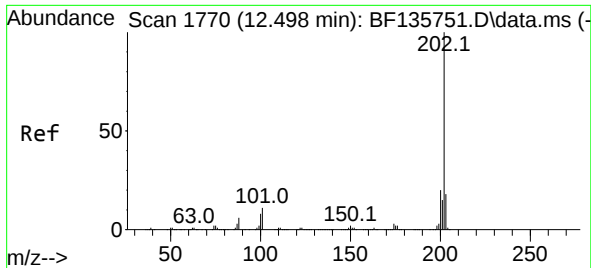


#74
 Di-n-butylphthalate
 Concen: 42.183 ng
 RT: 11.845 min Scan# 1659
 Delta R.T. -0.000 min
 Lab File: BF135770.D
 Acq: 16 Oct 2023 11:35



Tgt Ion:149 Resp: 1313823
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 3.7 5.5





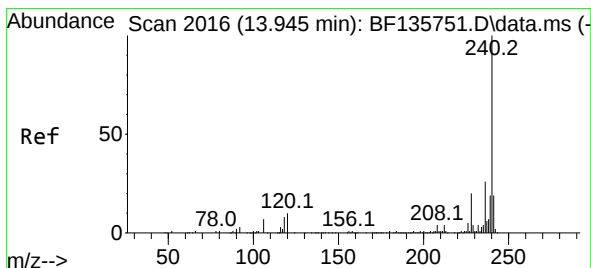
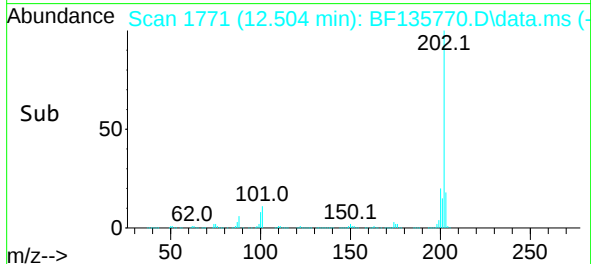
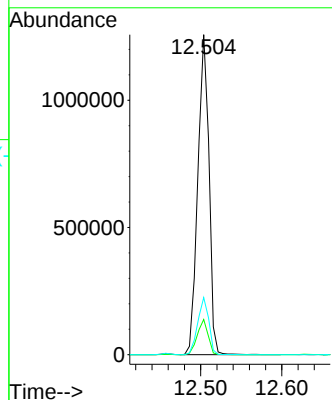
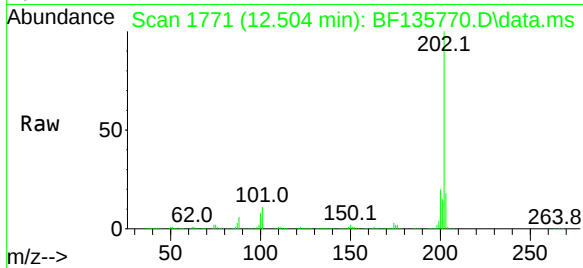
#75
Fluoranthene
Concen: 41.464 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :
BNA_F
ClientSampleId :
PB156184BS

Tgt Ion:202 Resp: 120794
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.5
203 17.9 0.0 38.3

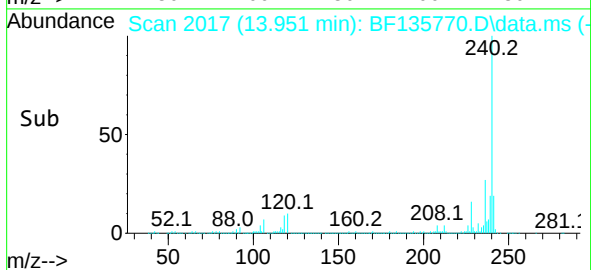
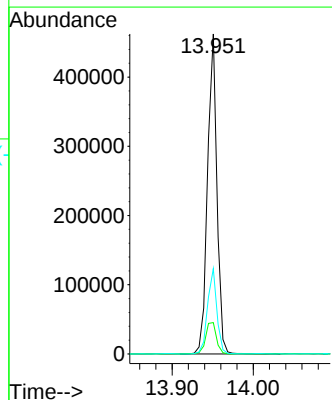
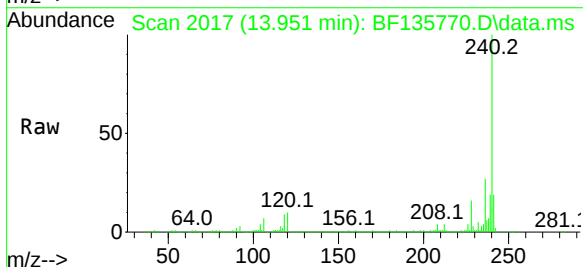
Manual Integrations
APPROVED

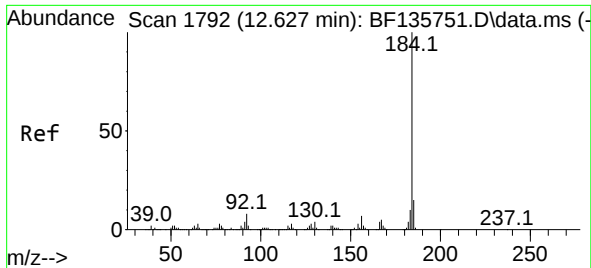
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:240 Resp: 370648
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 26.7 21.2 31.8





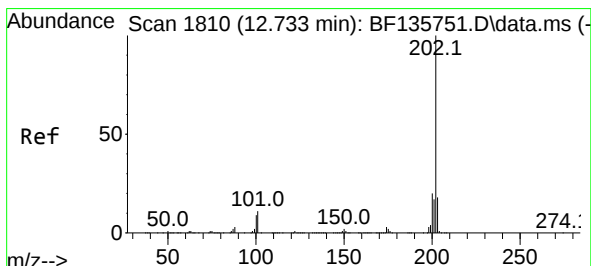
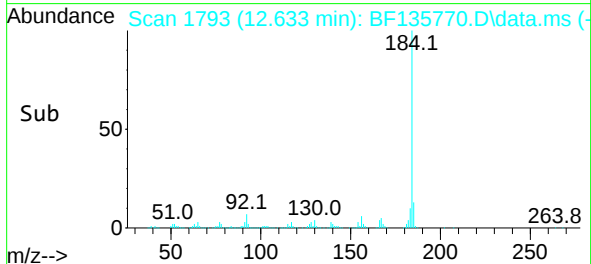
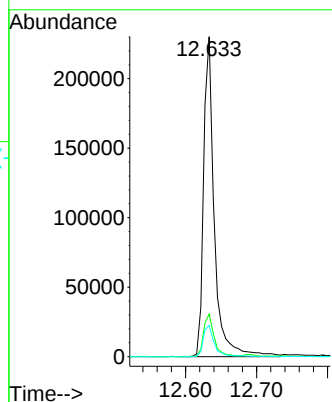
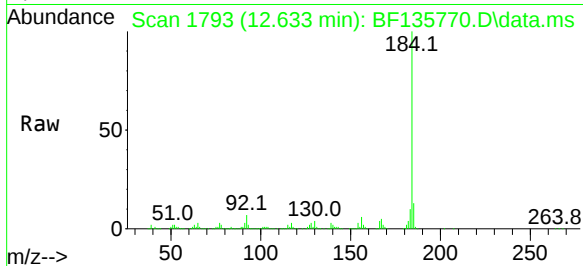
#77
Benzidine
Concen: 29.985 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :
BNA_F
ClientSampleId :
PB156184BS

Tgt Ion:184 Resp: 242518
Ion Ratio Lower Upper
184 100
185 13.3 12.0 18.0
183 9.8 8.2 12.2

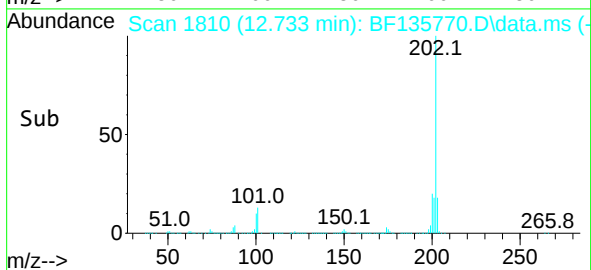
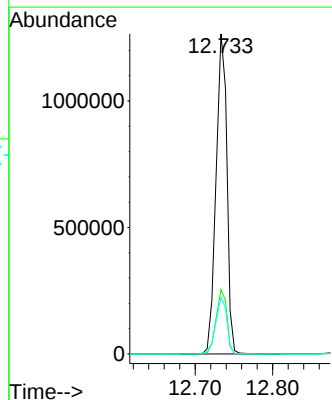
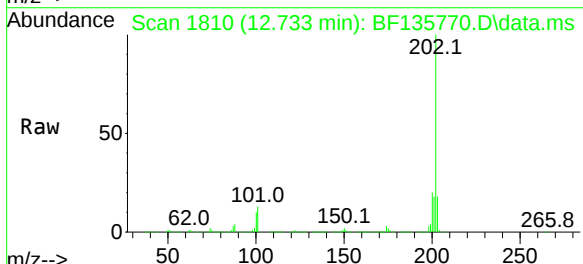
Manual Integrations
APPROVED

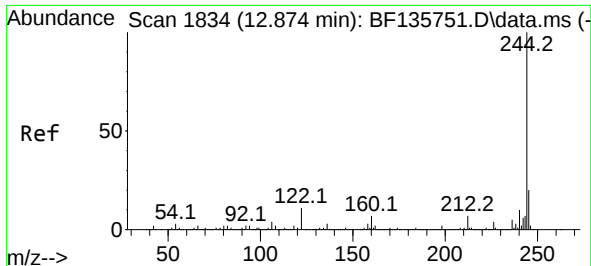
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#78
Pyrene
Concen: 41.843 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:202 Resp: 1232417
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.7 14.2 21.2





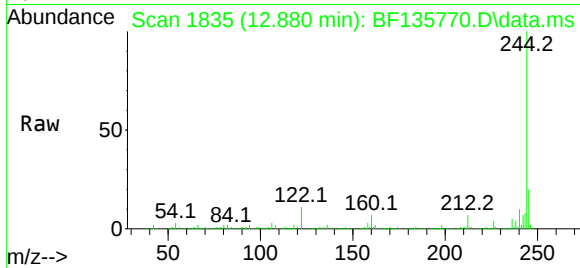
#79
 Terphenyl-d14
 Concen: 76.328 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135770.D
 Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

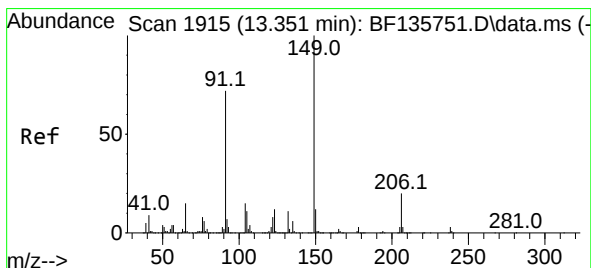
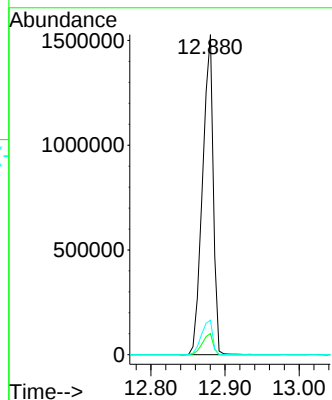
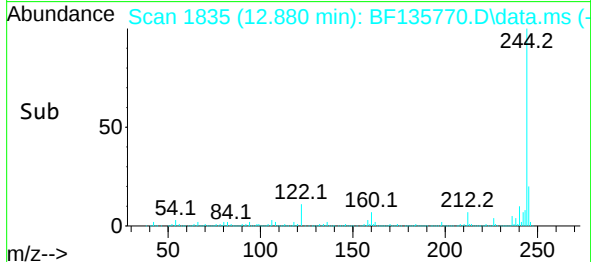


Tgt Ion:244 Resp: 1527649
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.8 9.0 13.6

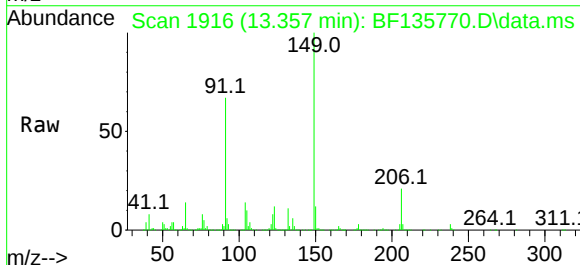
Manual Integrations

APPROVED

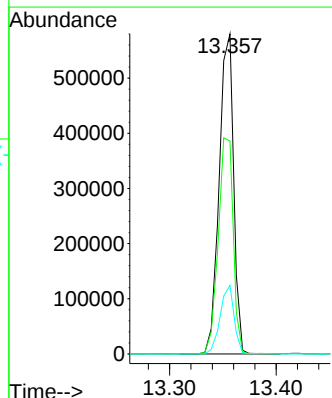
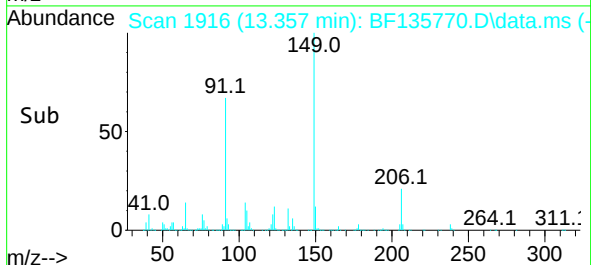
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

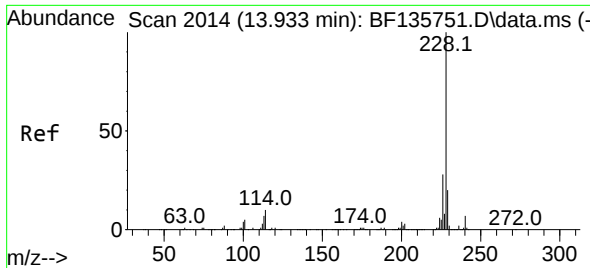


#80
 Butylbenzylphthalate
 Concen: 42.260 ng
 RT: 13.357 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF135770.D
 Acq: 16 Oct 2023 11:35



Tgt Ion:149 Resp: 546972
 Ion Ratio Lower Upper
 149 100
 91 66.6 57.4 86.0
 206 21.5 16.2 24.4





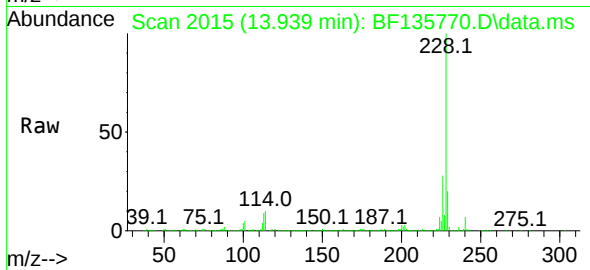
#81
Benzo(a)anthracene
Concen: 43.061 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

PB156184BS

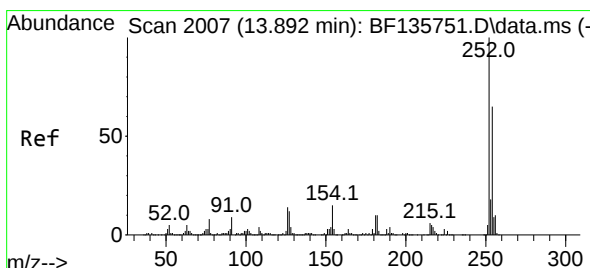
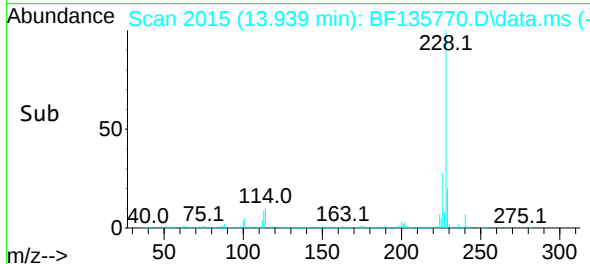
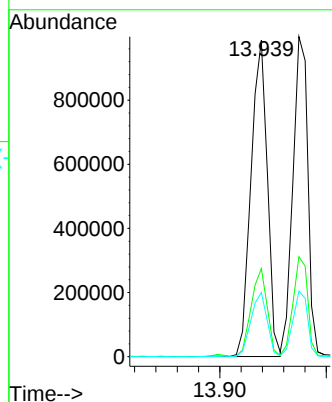


Tgt Ion:228 Resp: 104834
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.2
229 20.3 16.1 24.1

Manual Integrations

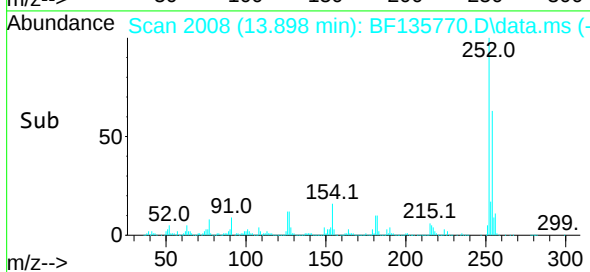
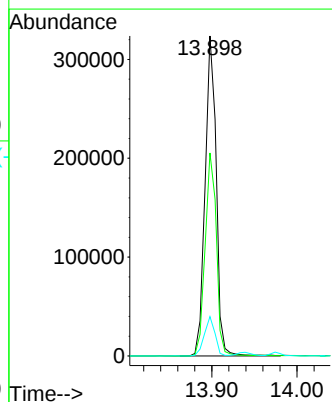
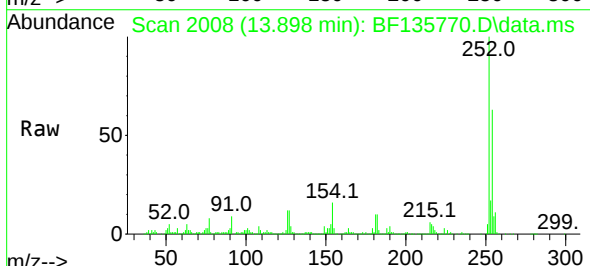
APPROVED

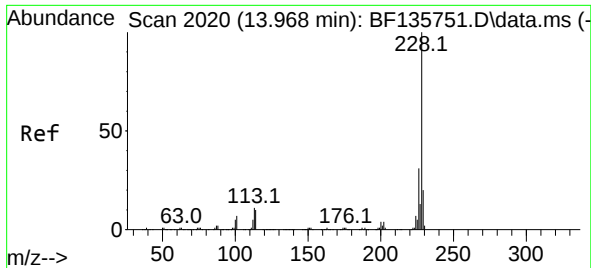
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.341 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

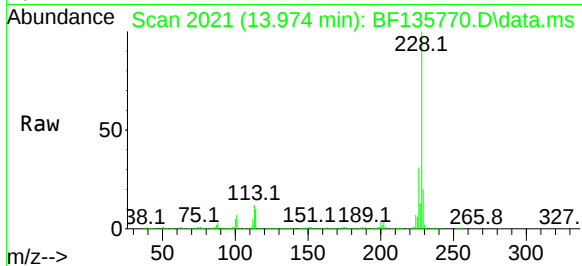
Tgt Ion:252 Resp: 293427
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.6
126 12.3 11.0 16.4





#83
Chrysene
Concen: 41.429 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

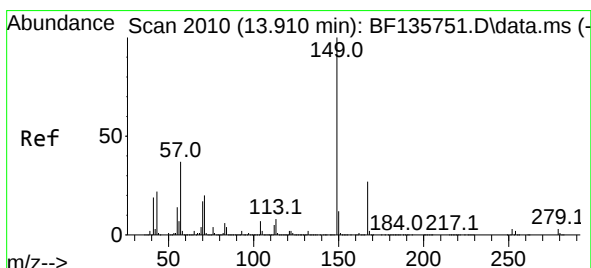
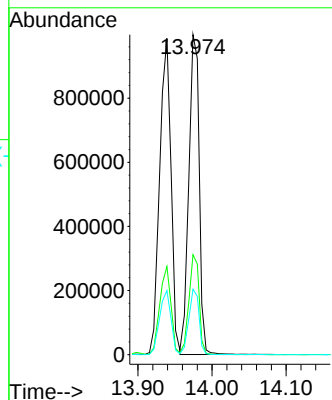
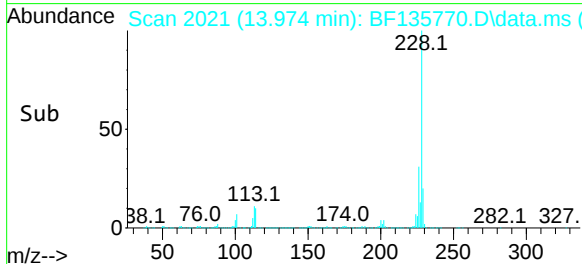
Instrument :
BNA_F
ClientSampleId :
PB156184BS



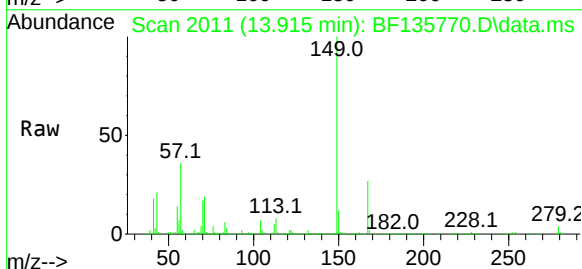
Tgt Ion:228 Resp: 976924
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 20.5 15.7 23.5

Manual Integrations
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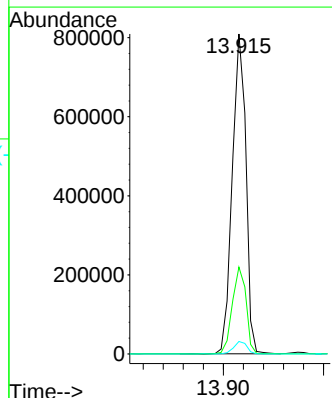
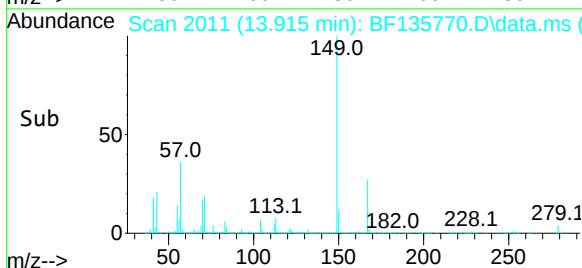
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

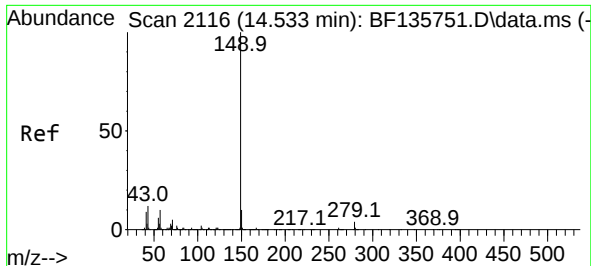


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.603 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



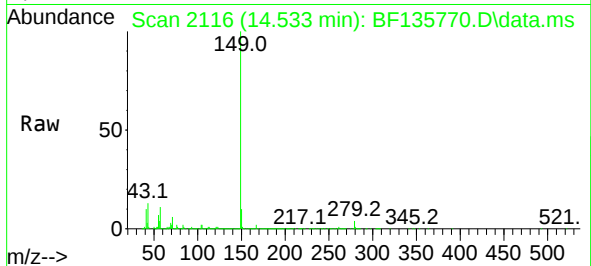
Tgt Ion:149 Resp: 764889
Ion Ratio Lower Upper
149 100
167 27.2 21.3 31.9
279 3.9 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 43.473 ng
RT: 14.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

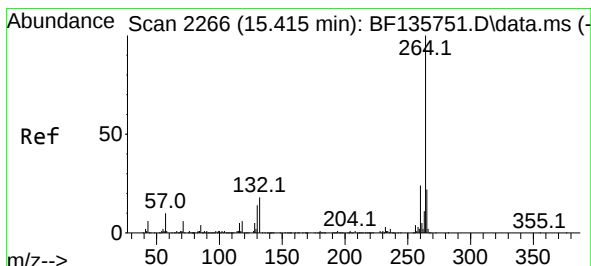
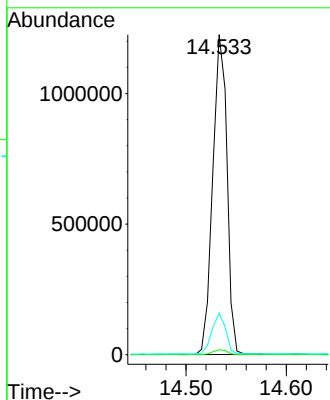
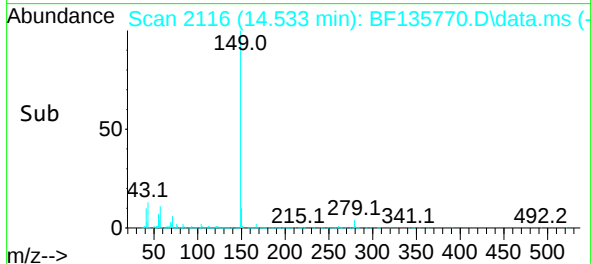
Instrument :
BNA_F
ClientSampleId :
PB156184BS



Tgt Ion:149 Resp: 1209279
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.3 10.1 15.1

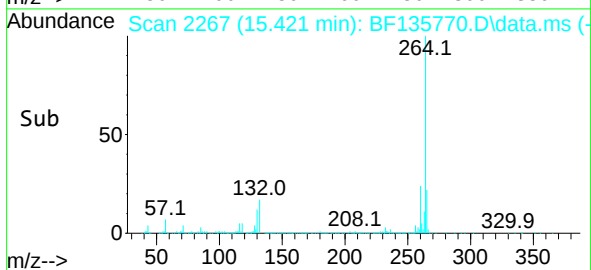
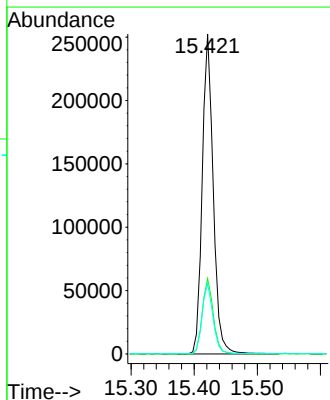
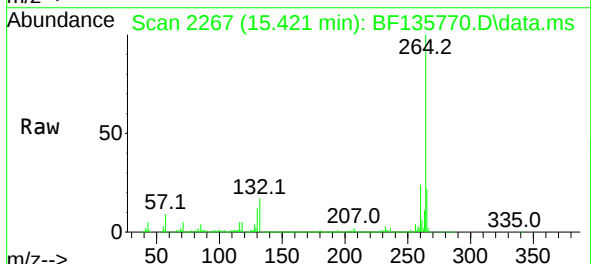
Manual Integrations
APPROVED

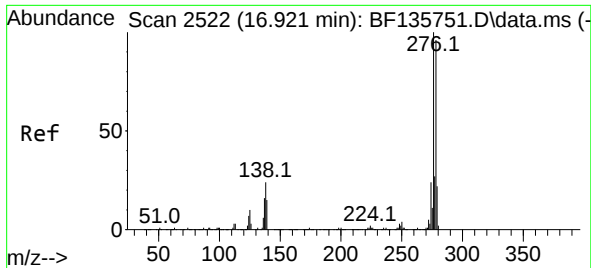
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:264 Resp: 307105
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.482 ng
RT: 16.933 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

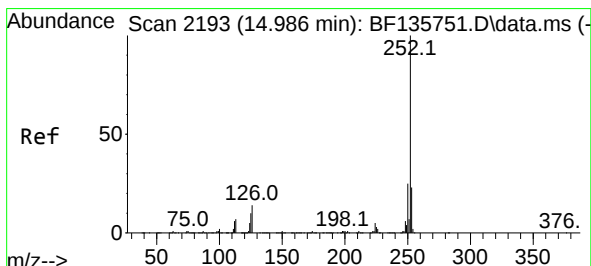
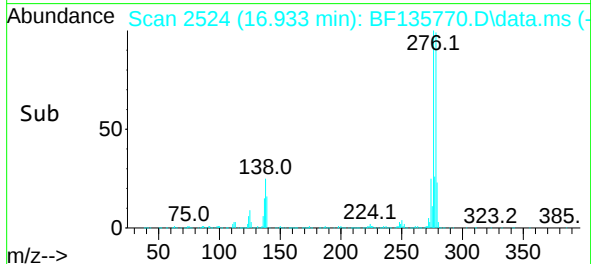
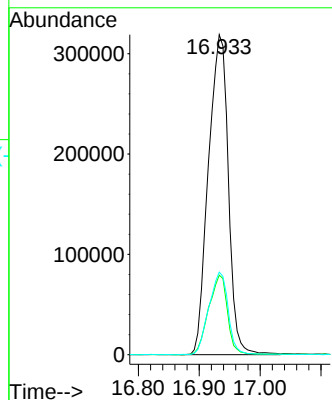
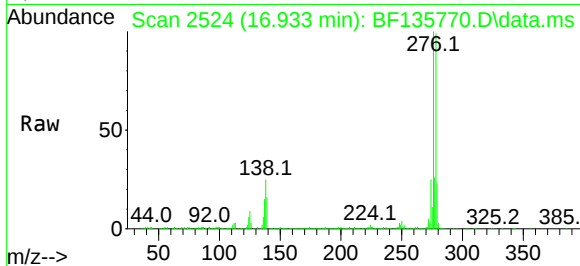
ClientSampleId :

PB156184BS

Tgt Ion:276 Resp: 727590
Ion Ratio Lower Upper
276 100
138 23.5 19.8 29.6
277 25.2 20.2 30.4

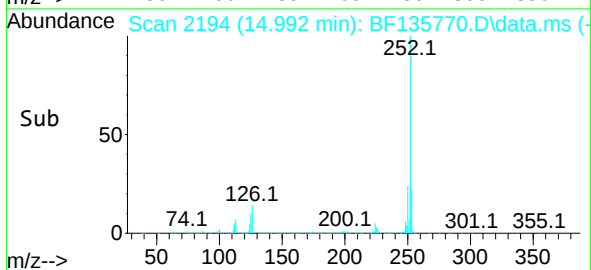
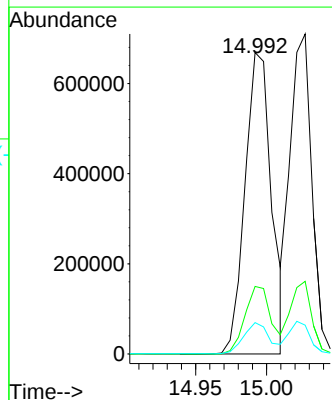
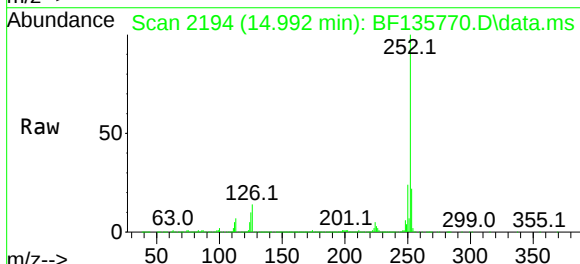
Manual Integrations
APPROVED

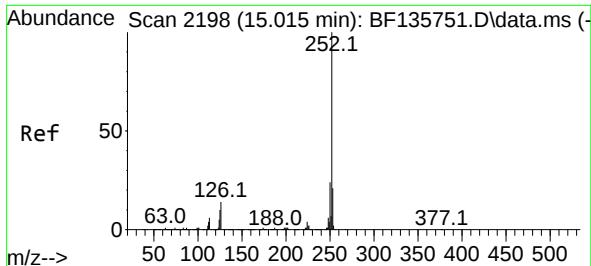
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#88
Benzo(b)fluoranthene
Concen: 50.389 ng
RT: 14.992 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

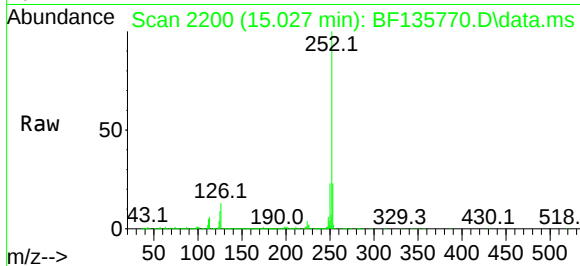
Tgt Ion:252 Resp: 866066
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.4 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 45.635 ng
RT: 15.027 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

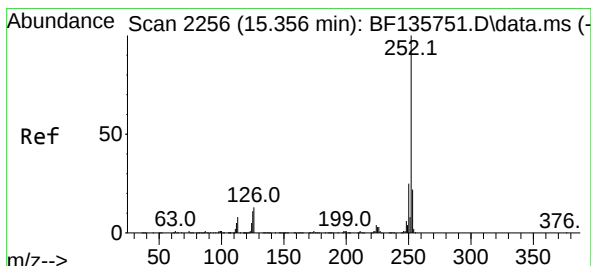
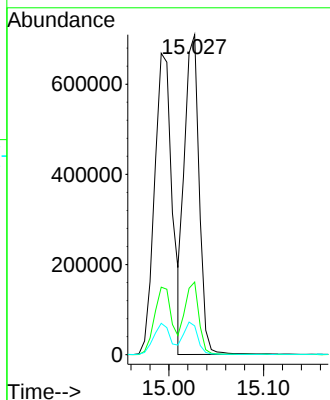
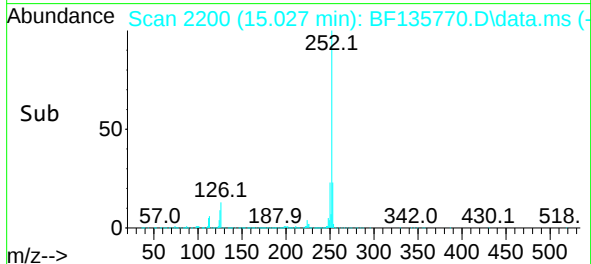
Instrument :
BNA_F
ClientSampleId :
PB156184BS



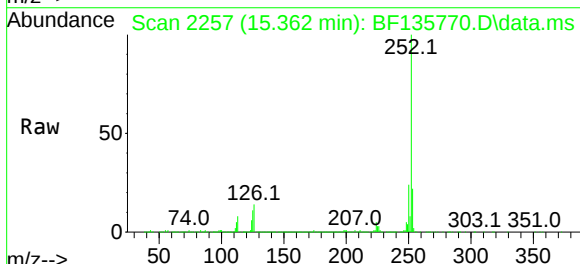
Tgt Ion:252 Resp: 761498
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.0 8.3 12.5

Manual Integrations
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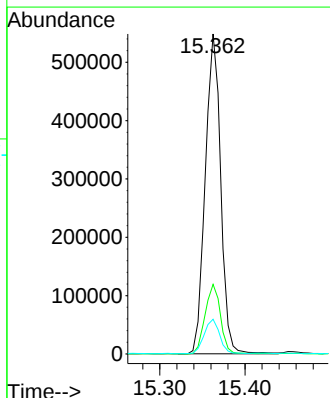
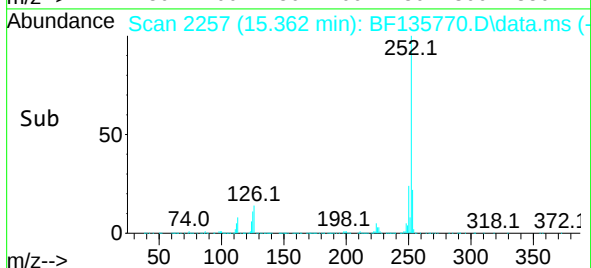
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

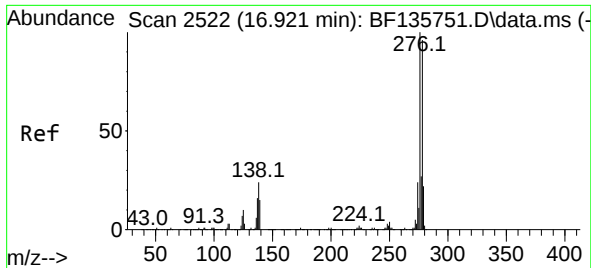


#90
Benzo(a)pyrene
Concen: 42.643 ng
RT: 15.362 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35



Tgt Ion:252 Resp: 689204
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.258 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Instrument :

BNA_F

ClientSampleId :

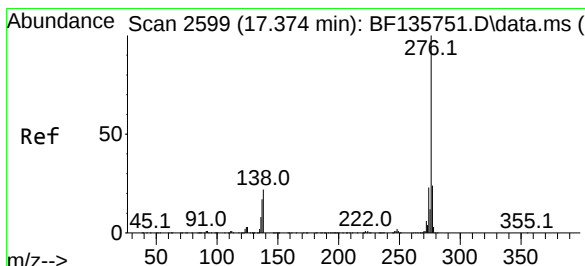
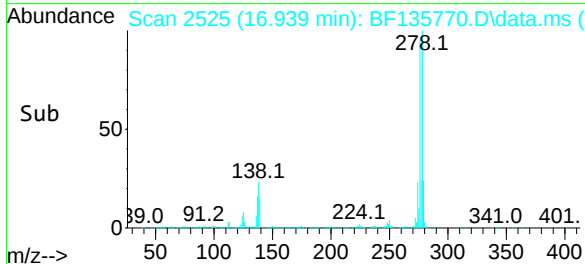
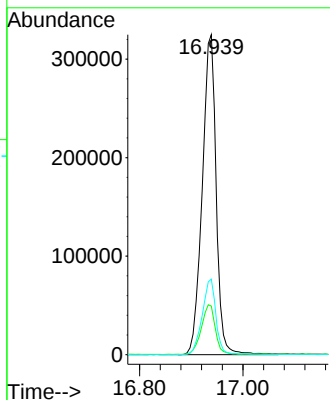
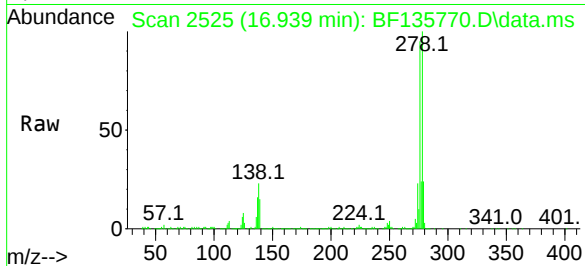
PB156184BS

Tgt Ion:278 Resp: 607110
Ion Ratio Lower Upper
278 100
139 15.2 12.5 18.7
279 23.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#92
Benzo(g,h,i)perylene
Concen: 45.222 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF135770.D
Acq: 16 Oct 2023 11:35

Tgt Ion:276 Resp: 637218
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.2
138 20.7 17.3 25.9

