

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135807.D
 Acq On : 17 Oct 2023 12:29
 Operator : CG\JU
 Sample : PB156372BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156372BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 18 01:35:08 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	123647	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	494613	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	260971	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	484766	20.000	ng	0.00
76) Chrysene-d12	13.945	240	312801	20.000	ng	0.00
86) Perylene-d12	15.415	264	258668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	921822	119.862	ng	0.01
7) Phenol-d6	6.398	99	1082504	112.809	ng	0.00
23) Nitrobenzene-d5	7.316	82	714056	79.401	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	316453	126.368	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1272320	76.226	ng	0.00
79) Terphenyl-d14	12.874	244	1435381	84.980	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	123452	33.279	ng	99
3) Pyridine	3.328	79	277190	30.455	ng	96
4) n-Nitrosodimethylamine	3.287	42	211496	43.210	ng	94
6) Aniline	6.410	93	349512	28.943	ng	# 52
8) 2-Chlorophenol	6.534	128	360776	43.502	ng	98
9) Benzaldehyde	6.298	77	68685	12.576	ng	98
10) Phenol	6.410	94	414546	41.229	ng	97
11) bis(2-Chloroethyl)ether	6.481	93	338320	41.760	ng	96
12) 1,3-Dichlorobenzene	6.675	146	358198	42.603	ng	98
13) 1,4-Dichlorobenzene	6.757	146	361952	42.496	ng	99
14) 1,2-Dichlorobenzene	6.904	146	330768	43.130	ng	99
15) Benzyl Alcohol	6.898	79	285994	44.824	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	602982	41.153	ng	72
17) 2-Methylphenol	7.010	107	279117	38.877	ng	97
18) Hexachloroethane	7.239	117	135697	43.941	ng	93
19) n-Nitroso-di-n-propyla...	7.163	70	232025	39.106	ng	99
20) 3+4-Methylphenols	7.169	107	353687	39.517	ng	98
22) Acetophenone	7.157	105	478056	42.144	ng	98
24) Nitrobenzene	7.334	77	374929	41.540	ng	98
25) Isophorone	7.569	82	693898	40.899	ng	98
26) 2-Nitrophenol	7.645	139	193725	43.982	ng	99
27) 2,4-Dimethylphenol	7.686	122	298721	41.196	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	422885	41.854	ng	99
29) 2,4-Dichlorophenol	7.892	162	299117	44.019	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	303788	43.710	ng	98
31) Naphthalene	8.039	128	986226	40.880	ng	98
32) Benzoic acid	7.863	122	223752	45.587	ng	96
33) 4-Chloroaniline	8.104	127	229484	21.776	ng	96
34) Hexachlorobutadiene	8.151	225	178728	43.446	ng	97
35) Caprolactam	8.492	113	101911m	43.870	ng	
36) 4-Chloro-3-methylphenol	8.604	107	334572	44.398	ng	98
37) 2-Methylnaphthalene	8.733	142	630855	39.689	ng	99
38) 1-Methylnaphthalene	8.833	142	609144	41.550	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	311361	41.476	ng	100
41) Hexachlorocyclopentadiene	8.881	237	127730	81.178	ng	95
43) 2,4,6-Trichlorophenol	9.028	196	210237	43.459	ng	99

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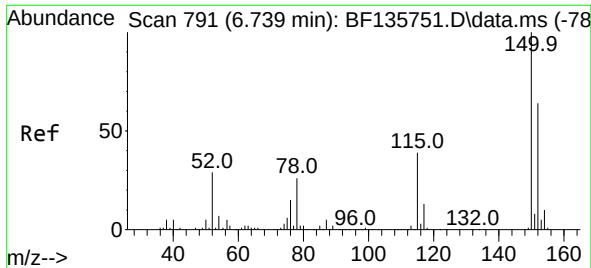
Manual Integrations
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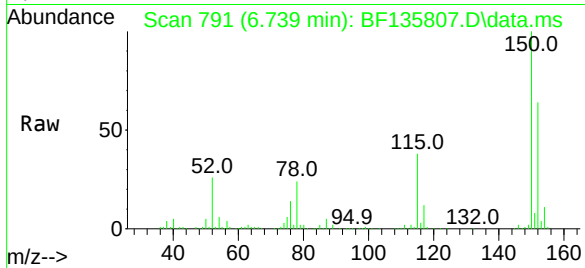
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	223707	39.759	ng	96
46) 1,1'-Biphenyl	9.204	154	828840	41.461	ng	98
47) 2-Chloronaphthalene	9.228	162	622221	43.188	ng	99
48) 2-Nitroaniline	9.339	65	245489	43.168	ng	97
49) Acenaphthylene	9.645	152	993317	41.662	ng	100
50) Dimethylphthalate	9.510	163	747245	42.416	ng	99
51) 2,6-Dinitrotoluene	9.586	165	165204	43.607	ng	# 82
52) Acenaphthene	9.816	154	588722	41.196	ng	98
53) 3-Nitroaniline	9.757	138	145866	31.408	ng	100
54) 2,4-Dinitrophenol	9.880	184	166240	105.120	ng	98
55) Dibenzofuran	9.986	168	900490	41.761	ng	99
56) 4-Nitrophenol	9.945	139	187525	87.570	ng	97
57) 2,4-Dinitrotoluene	9.998	165	213972	44.395	ng	94
58) Fluorene	10.333	166	717135	42.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	191714	45.087	ng	98
60) Diethylphthalate	10.216	149	752933	41.864	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	340673	41.756	ng	96
62) 4-Nitroaniline	10.380	138	172086	40.273	ng	98
63) Azobenzene	10.486	77	734421	42.030	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	114750	47.036	ng	89
66) n-Nitrosodiphenylamine	10.451	169	645311	43.674	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	208923	42.933	ng	98
68) Hexachlorobenzene	10.886	284	222215	44.853	ng	96
69) Atrazine	10.986	200	196005	48.770	ng	96
70) Pentachlorophenol	11.092	266	154840	79.242	ng	98
71) Phenanthrene	11.304	178	980567	42.225	ng	100
72) Anthracene	11.357	178	993202	41.273	ng	100
73) Carbazole	11.516	167	949344	42.300	ng	99
74) Di-n-butylphthalate	11.839	149	1177686	42.740	ng	100
75) Fluoranthene	12.498	202	1096051	42.525	ng	98
77) Benzidine	12.627	184	246493	36.113	ng	98
78) Pyrene	12.727	202	1106801	44.527	ng	99
80) Butylbenzylphthalate	13.351	149	502697	46.022	ng	95
81) Benzo(a)anthracene	13.933	228	903198	43.960	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	247439	36.313	ng	98
83) Chrysene	13.968	228	822049	41.308	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	667134	45.064	ng	# 98
85) Di-n-octyl phthalate	14.527	149	1014073	43.197	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	686580	48.714	ng	98
88) Benzo(b)fluoranthene	14.986	252	716050	49.462	ng	98
89) Benzo(k)fluoranthene	15.015	252	706217	50.247	ng	99
90) Benzo(a)pyrene	15.357	252	575469	42.273	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	571005	49.420	ng	99
92) Benzo(g,h,i)perylene	17.374	276	573315	48.306	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

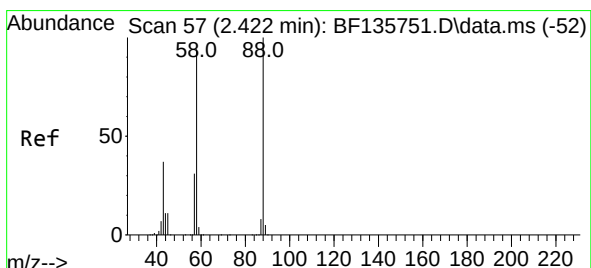
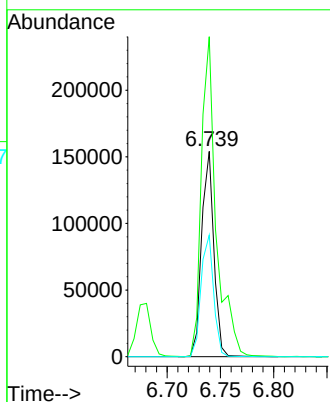
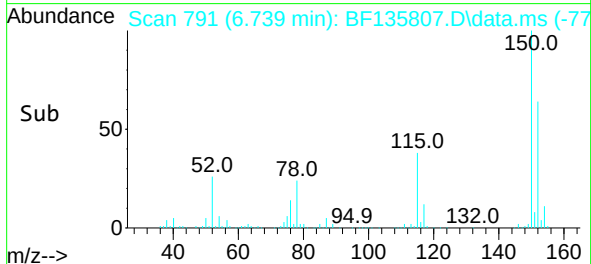
Instrument :
 BNA_F
 ClientSampleId :
 PB156372BS



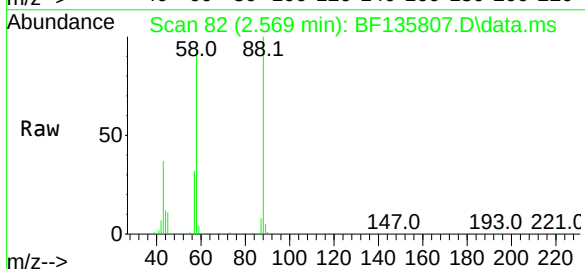
Tgt Ion:152 Resp: 12364
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.5 186.7
 115 59.2 49.0 73.4

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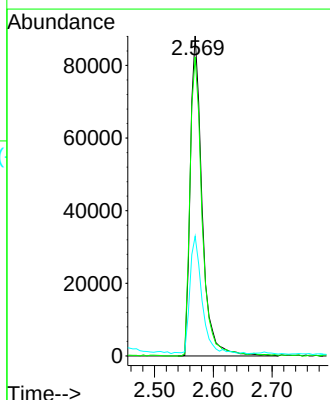
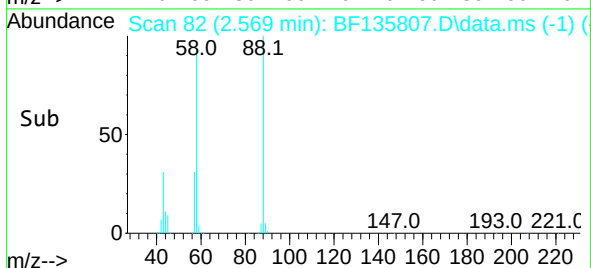
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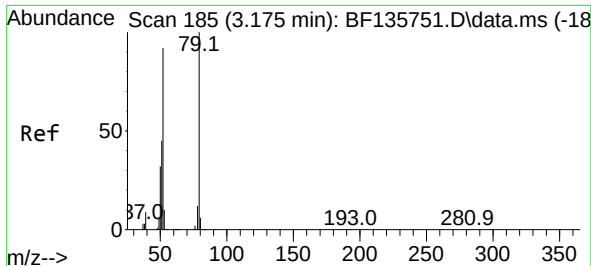


#2
 1,4-Dioxane
 Concen: 33.279 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.129 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29



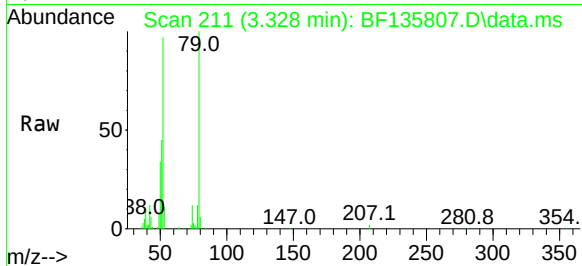
Tgt Ion: 88 Resp: 123452
 Ion Ratio Lower Upper
 88 100
 58 95.6 76.1 114.1
 43 36.8 29.8 44.8





#3
Pyridine
Concen: 30.455 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.141 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

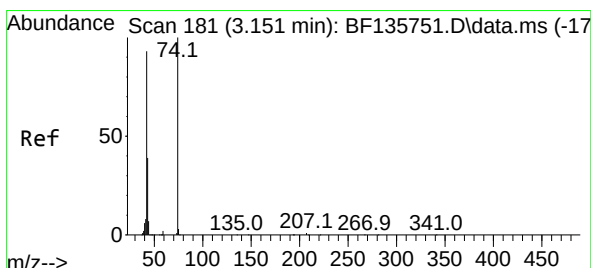
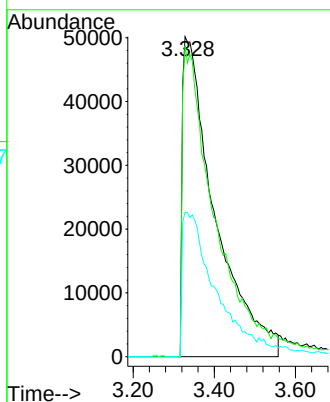
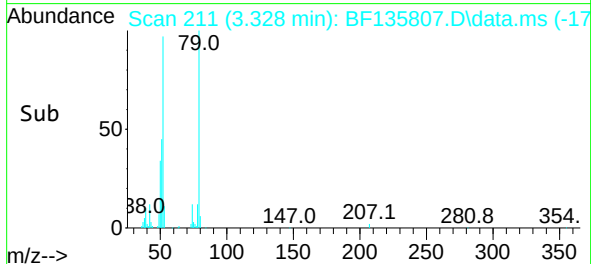
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ClientSampleId :
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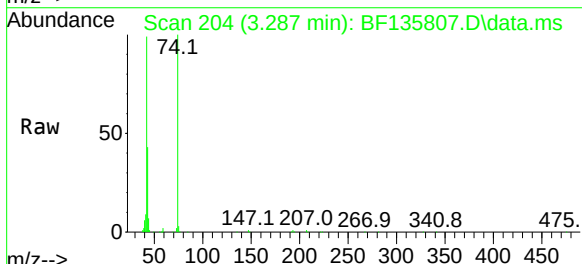
Tgt Ion: 79 Resp: 277190
Ion Ratio Lower Upper
79 100
52 97.1 73.4 110.2
51 45.2 36.5 54.7

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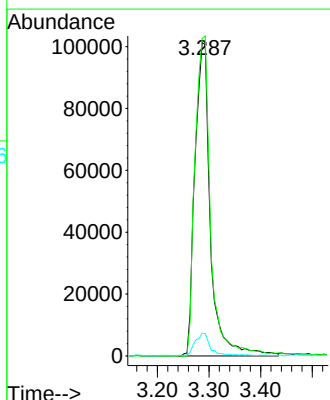
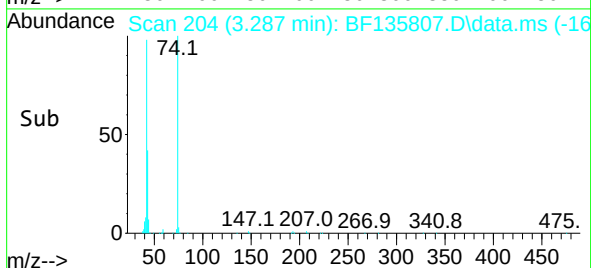
Reviewed By :Yogesh Patel 10/18/2023
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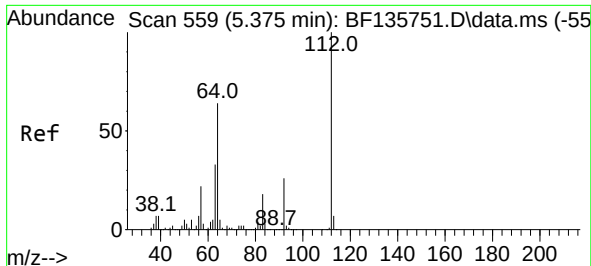


#4
n-Nitrosodimethylamine
Concen: 43.210 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.117 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



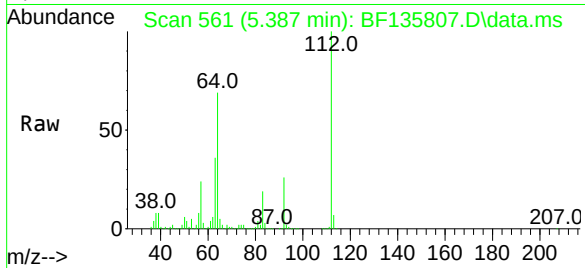
Tgt Ion: 42 Resp: 211496
Ion Ratio Lower Upper
42 100
74 101.4 86.5 129.7
44 7.3 5.9 8.9





#5
2-Fluorophenol
Concen: 119.862 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

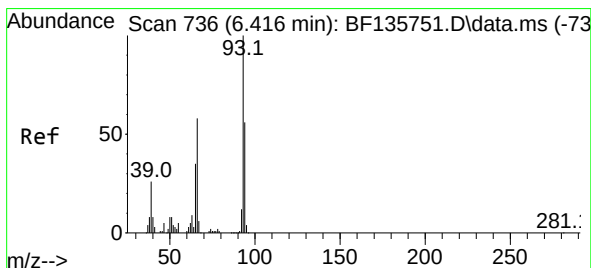
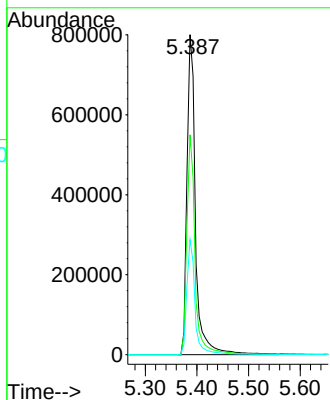
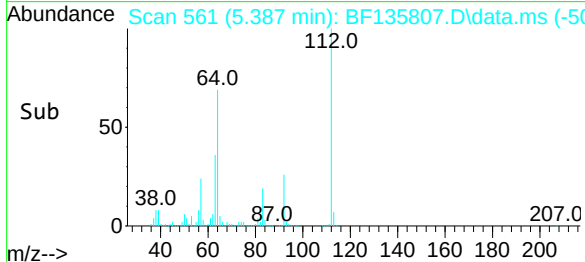
Instrument :
BNA_F
ClientSampleId :
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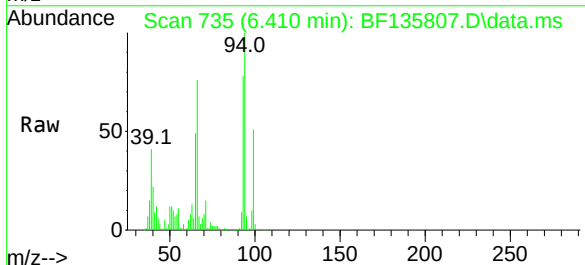
Tgt Ion:112 Resp: 92182
Ion Ratio Lower Upper
112 100
64 68.7 51.2 76.8
63 36.0 26.1 39.1

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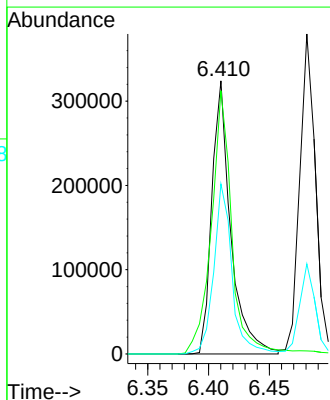
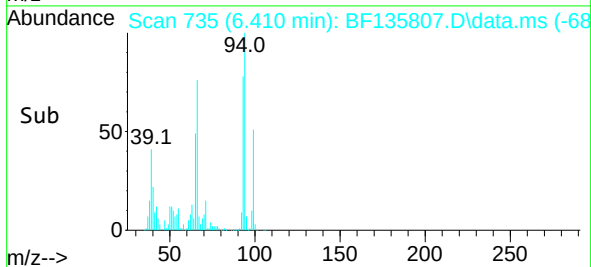
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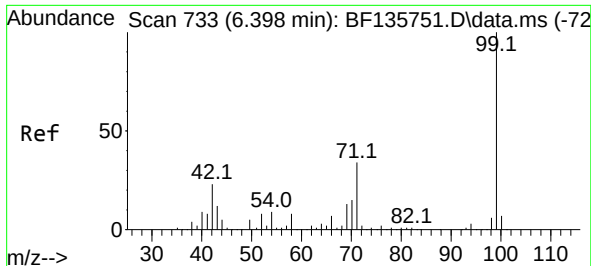


#6
Aniline
Concen: 28.943 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion: 93 Resp: 349512
Ion Ratio Lower Upper
93 100
66 96.4 47.6 71.4#
65 62.3 28.5 42.7#





#7

Phenol-d6

Concen: 112.809 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

Tgt Ion: 99 Resp: 1082504

Ion Ratio Lower Upper

99 100

42 24.1 18.4 27.6

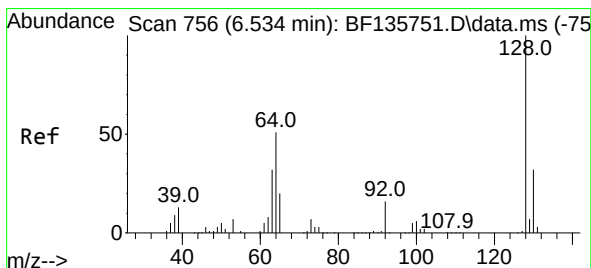
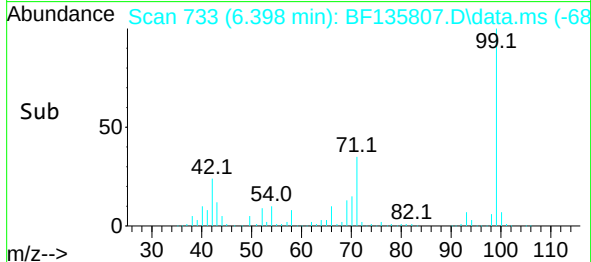
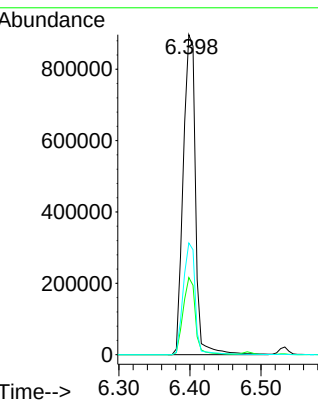
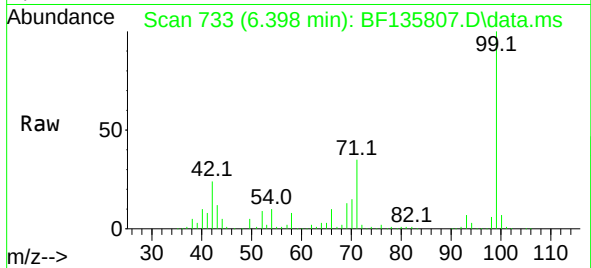
71 34.9 27.2 40.8

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2023



#8

2-Chlorophenol

Concen: 43.502 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

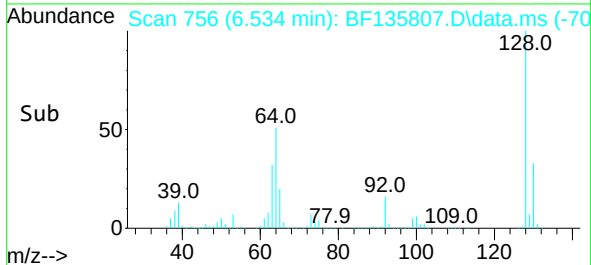
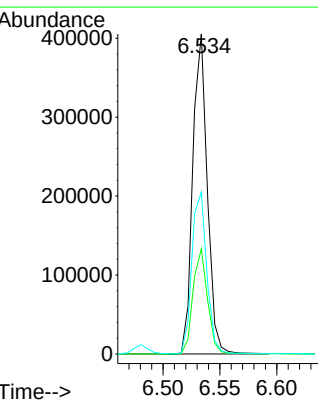
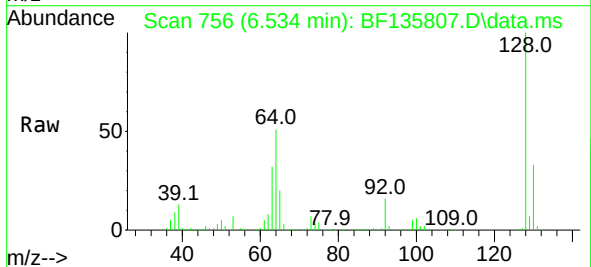
Tgt Ion:128 Resp: 360776

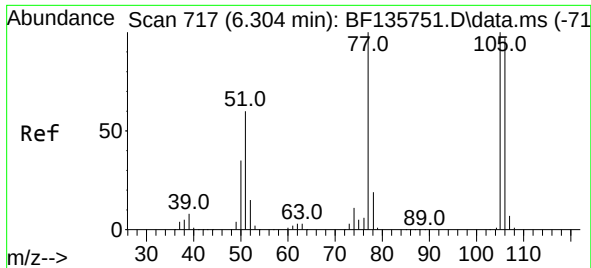
Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

64 50.6 32.3 72.3





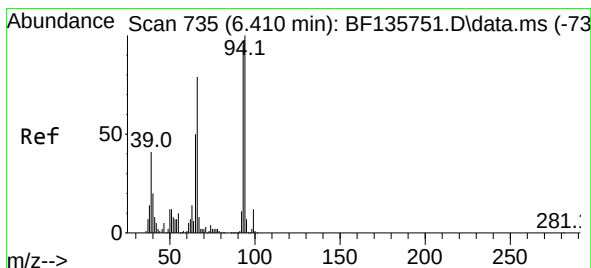
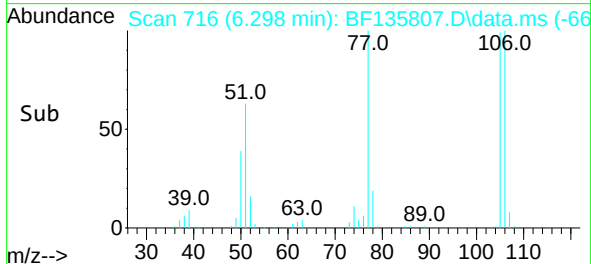
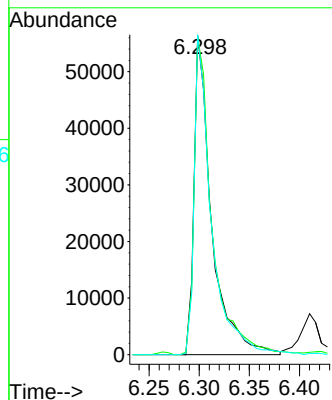
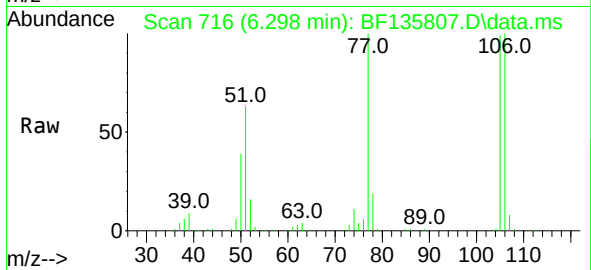
#9
Benzaldehyde
Concen: 12.576 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :
BNA_F
ClientSampleId :
PB156372BS

Tgt Ion: 77 Resp: 6868
Ion Ratio Lower Upper
77 100
105 99.7 79.9 119.9
106 100.4 77.1 117.1

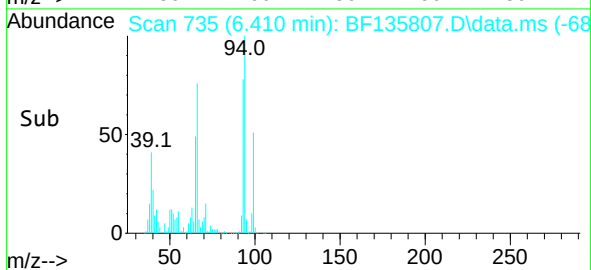
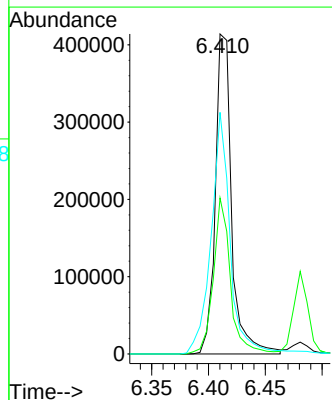
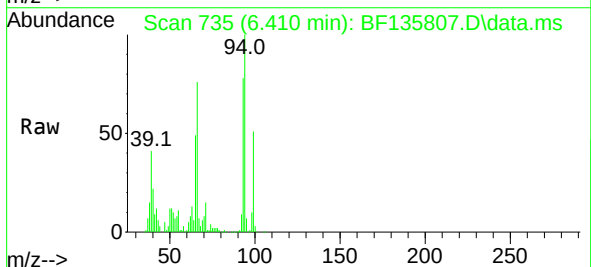
Manual Integrations
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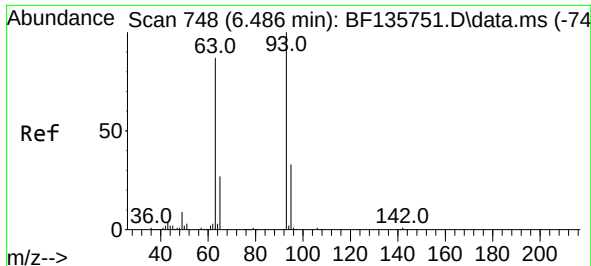
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#10
Phenol
Concen: 41.229 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion: 94 Resp: 414546
Ion Ratio Lower Upper
94 100
65 48.8 30.3 70.3
66 75.5 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 41.760 ng

RT: 6.481 min Scan# 748

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

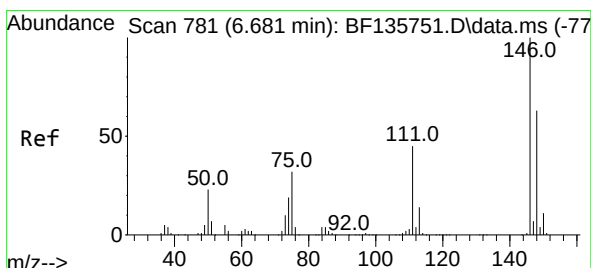
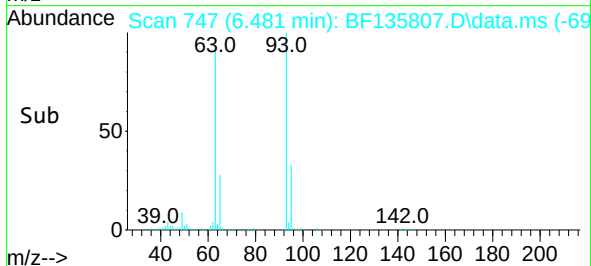
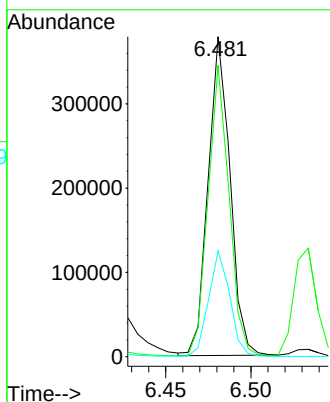
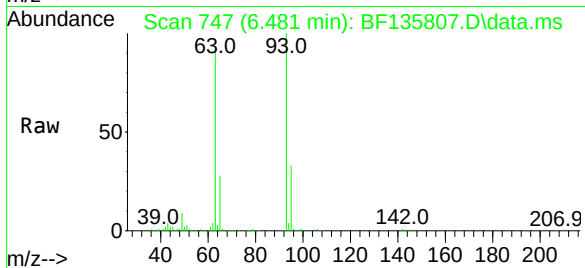
Tgt Ion: 93 Resp: 338320
 Ion Ratio Lower Upper
 93 100
 63 91.0 66.3 106.3
 95 33.0 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#12

1,3-Dichlorobenzene

Concen: 42.603 ng

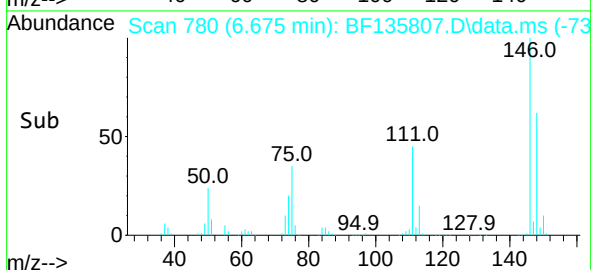
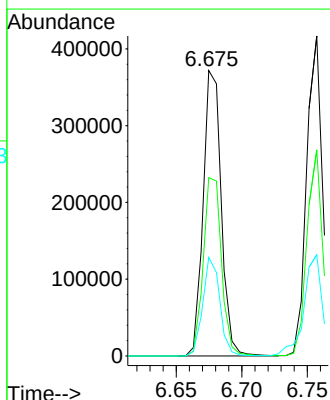
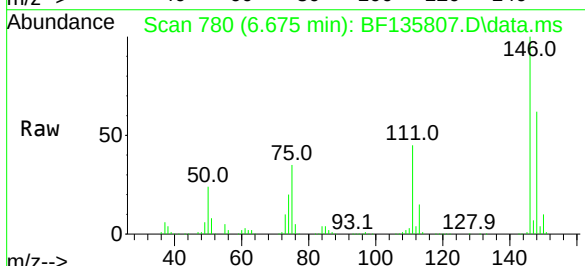
RT: 6.675 min Scan# 780

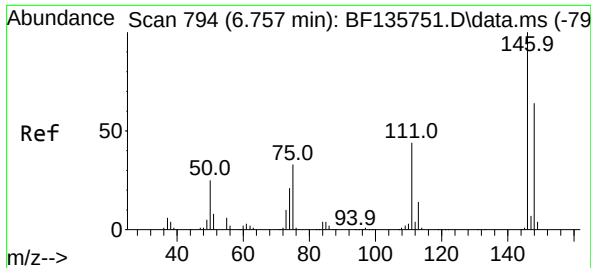
Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

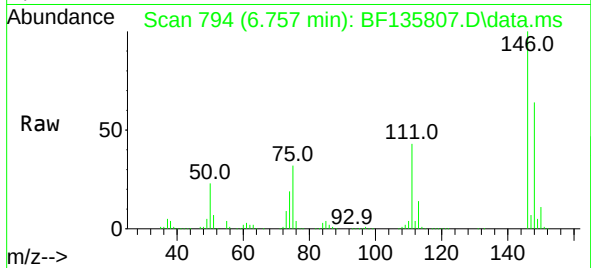
Tgt Ion:146 Resp: 358198
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.2 75.4
 75 34.5 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 42.496 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

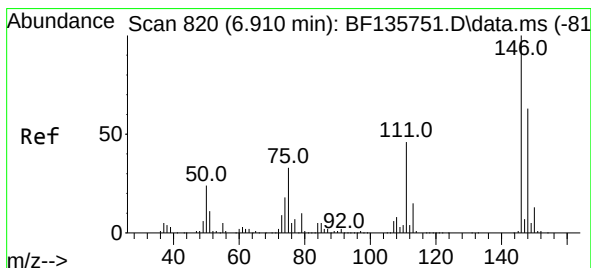
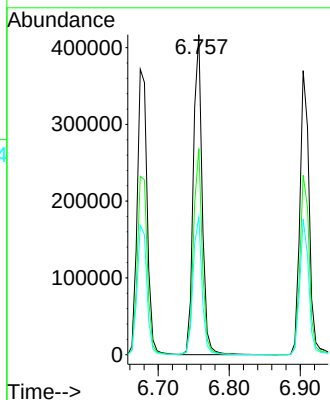
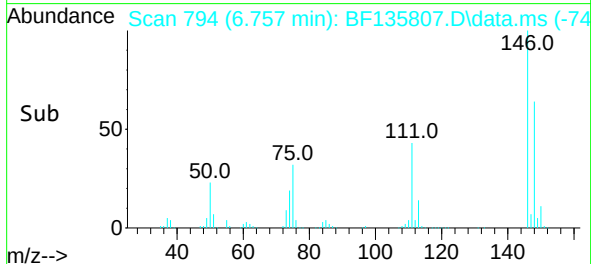
Instrument :
BNA_F
ClientSampleId :
PB156372BS



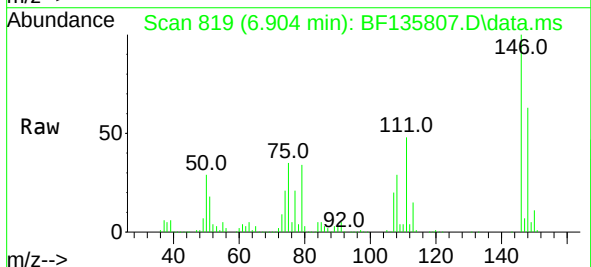
Tgt Ion:146 Resp: 361952
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.0 35.2 52.8

Manual Integrations
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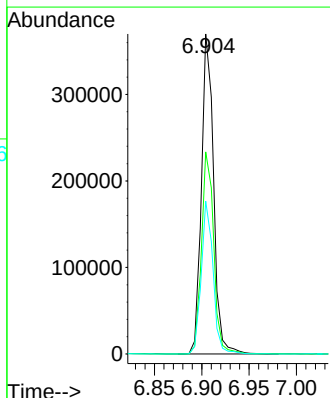
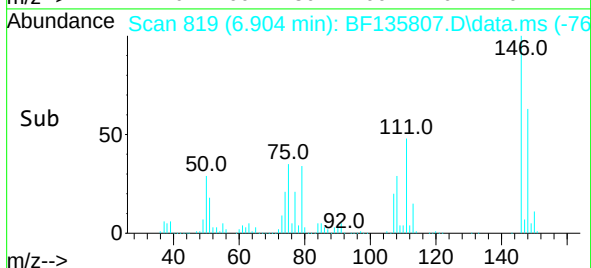
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

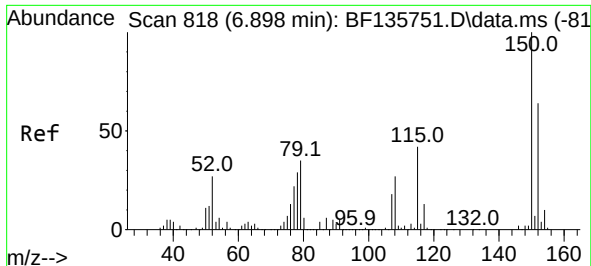


#14
1,2-Dichlorobenzene
Concen: 43.130 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



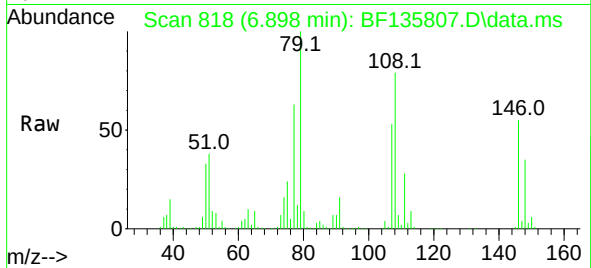
Tgt Ion:146 Resp: 330768
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 47.8 37.1 55.7





#15
Benzyl Alcohol
Concen: 44.824 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

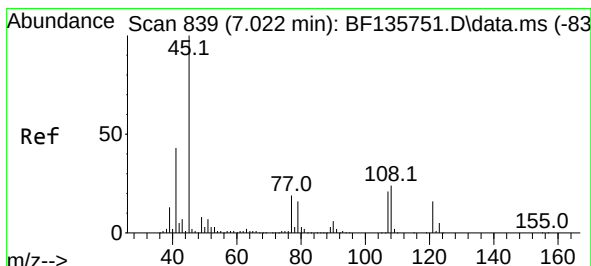
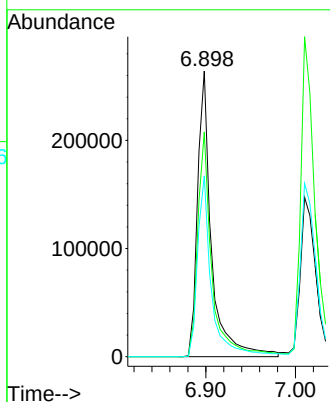
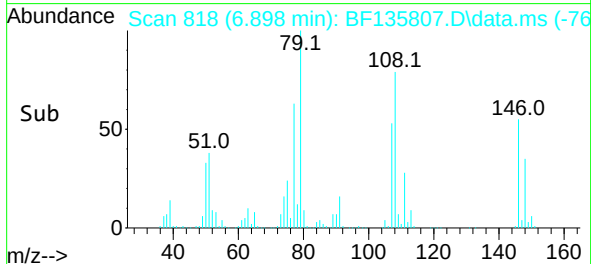
Instrument :
BNA_F
ClientSampleId :
PB156372BS



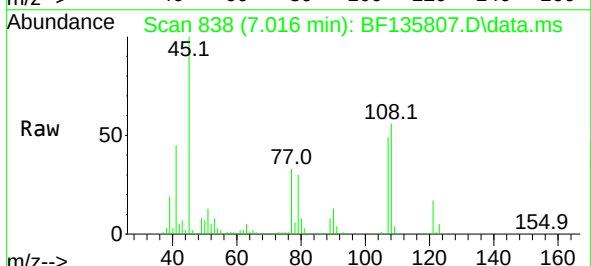
Tgt Ion: 79 Resp: 285994
Ion Ratio Lower Upper
79 100
108 78.7 62.0 93.0
77 63.3 50.5 75.7

Manual Integrations
APPROVED

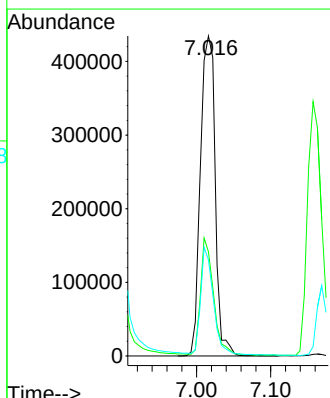
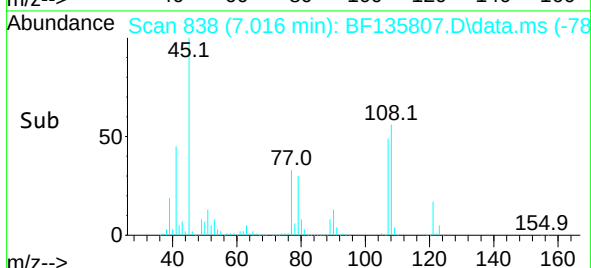
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

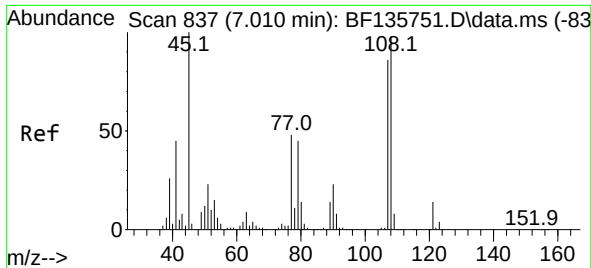


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.153 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion: 45 Resp: 602982
Ion Ratio Lower Upper
45 100
77 32.6 0.0 39.8
79 30.0 0.0 37.6





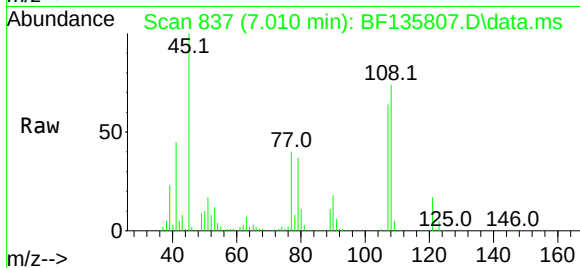
#17
2-Methylphenol
Concen: 38.877 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

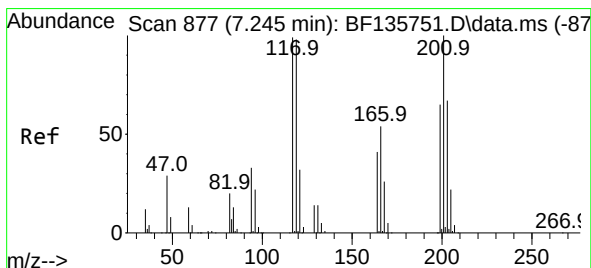
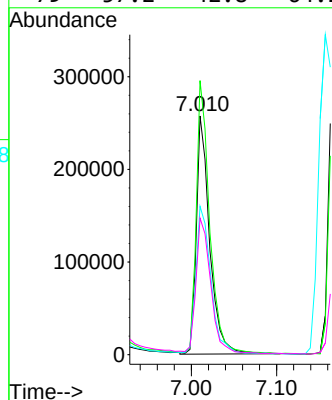


Tgt Ion:107 Resp: 27911
Ion Ratio Lower Upper
107 100
108 114.9 91.8 137.6
77 62.2 45.4 68.0
79 57.2 42.8 64.2

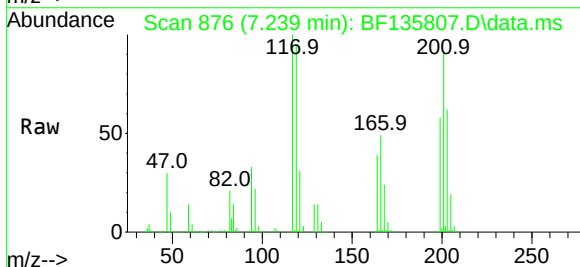
Manual Integrations

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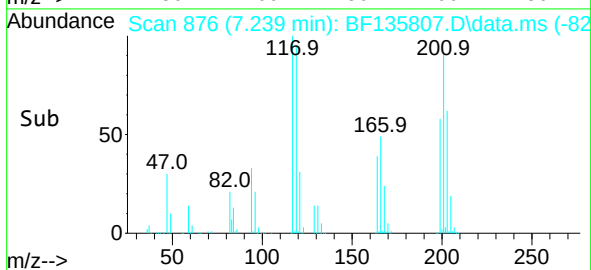
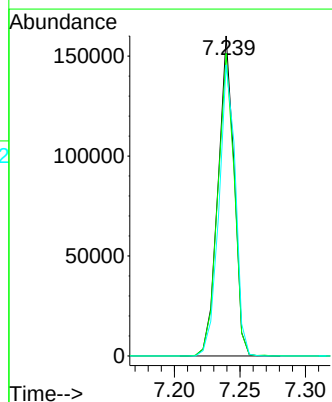
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

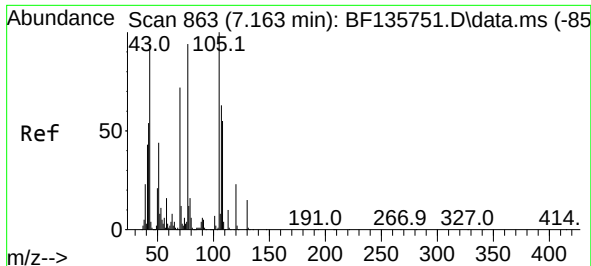


#18
Hexachloroethane
Concen: 43.941 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:117 Resp: 135697
Ion Ratio Lower Upper
117 100
119 94.6 79.5 119.3
201 91.0 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 39.106 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF135807.D

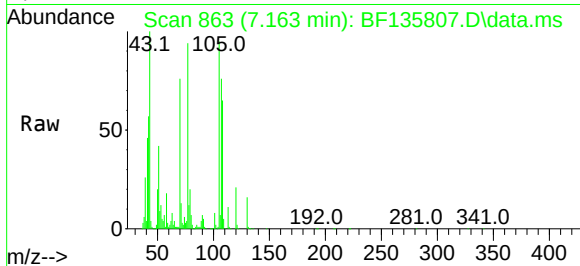
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS



Tgt Ion: 70 Resp: 232029

Ion Ratio Lower Upper

70 100

42 75.0 59.8 89.6

101 10.0 7.4 11.2

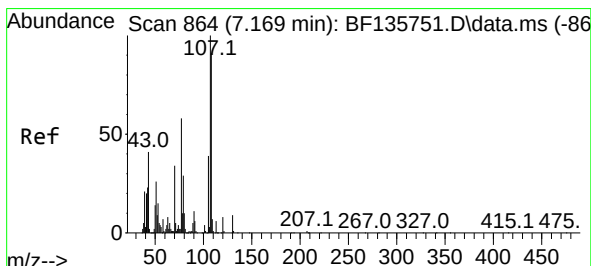
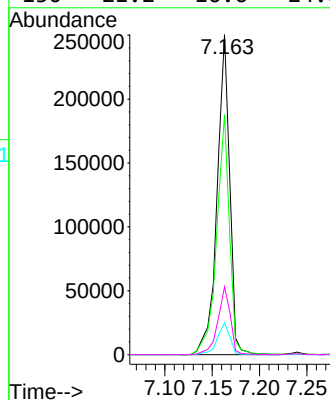
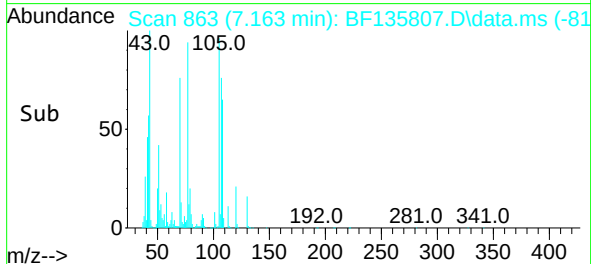
130 21.2 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#20

3+4-Methylphenols

Concen: 39.517 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Tgt Ion:107 Resp: 353687

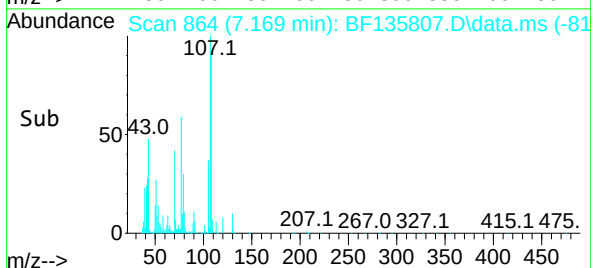
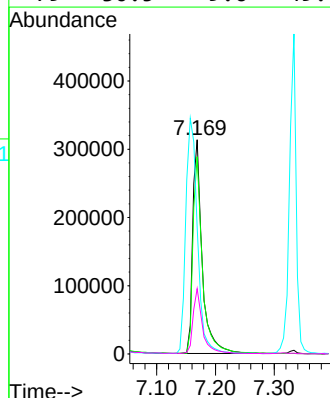
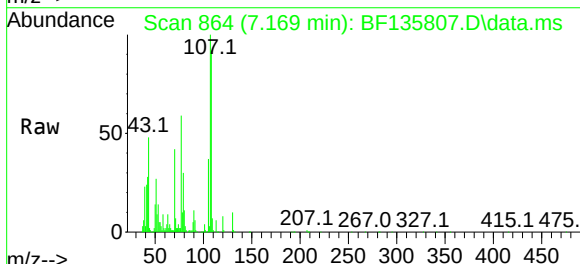
Ion Ratio Lower Upper

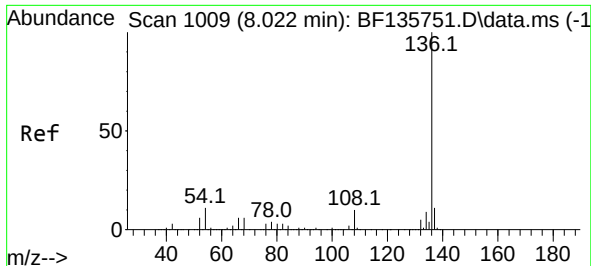
107 100

108 92.1 71.1 111.1

77 59.1 42.0 82.0

79 30.5 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: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

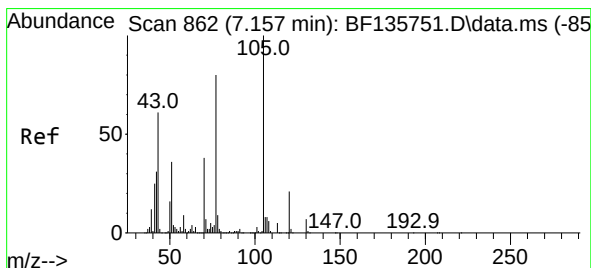
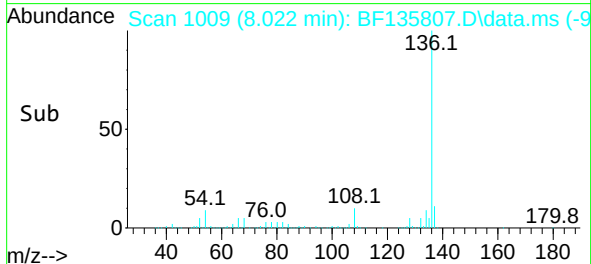
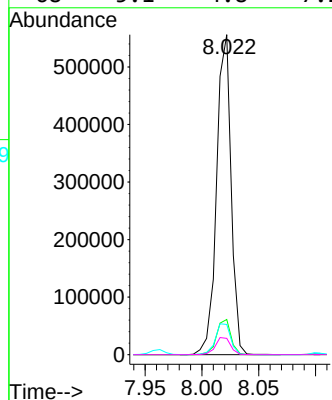
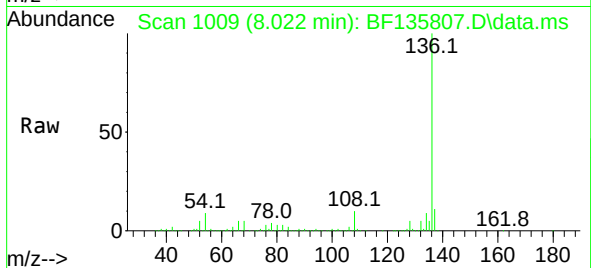
PB156372BS

Tgt Ion:136 Resp: 494611
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.4 8.5 12.7
68 5.1 4.8 7.2

Manual Integrations

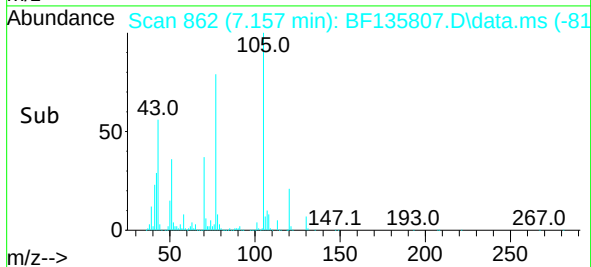
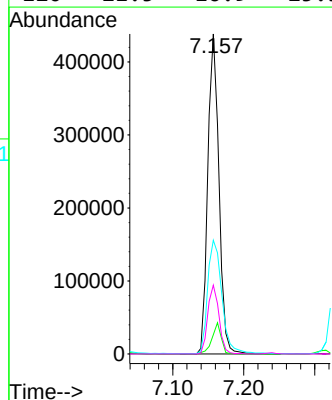
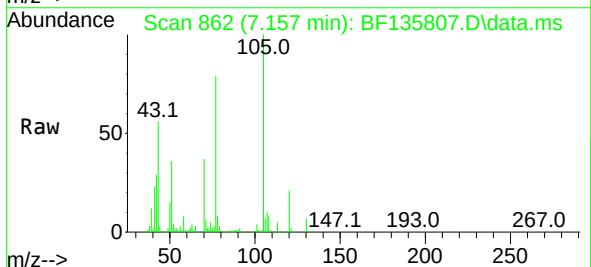
APPROVED

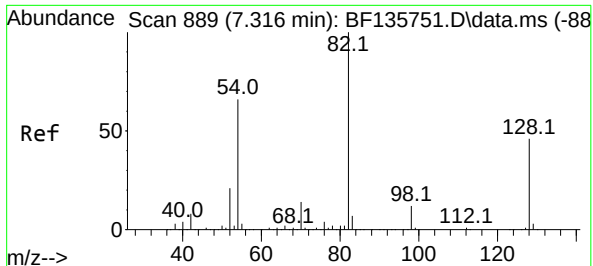
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#22
Acetophenone
Concen: 42.144 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:105 Resp: 478056
Ion Ratio Lower Upper
105 100
71 6.0 5.4 8.0
51 35.6 29.4 44.0
120 21.5 16.9 25.3





#23

Nitrobenzene-d5

Concen: 79.401 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

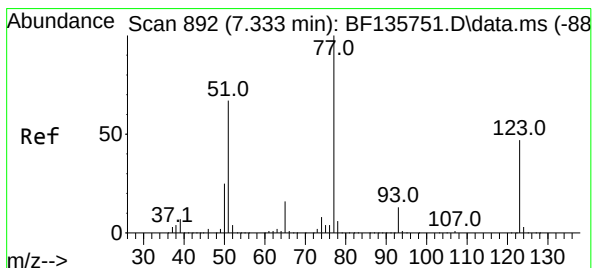
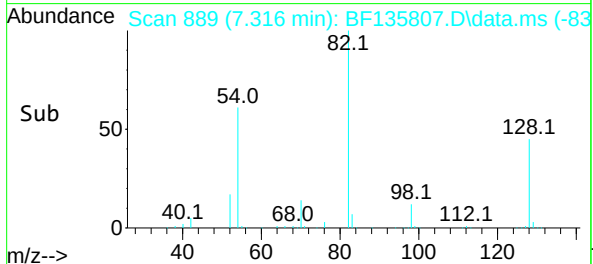
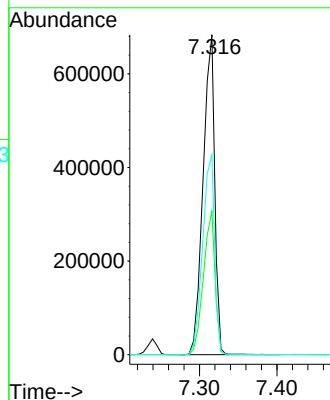
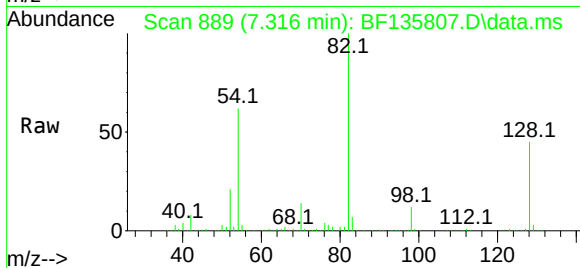
PB156372BS

Tgt Ion: 82 Resp: 714050
 Ion Ratio Lower Upper
 82 100
 128 44.9 37.0 55.6
 54 62.4 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023



#24

Nitrobenzene

Concen: 41.540 ng

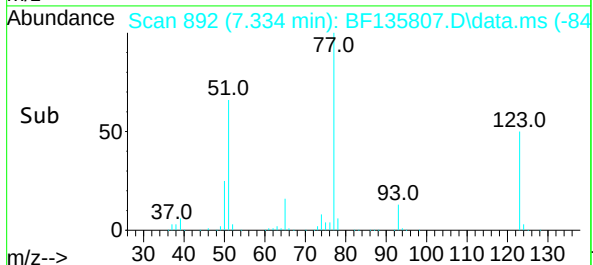
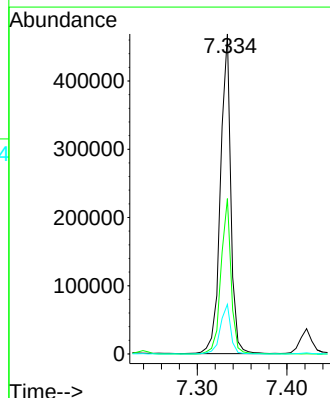
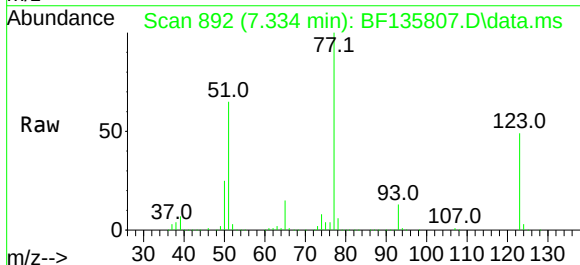
RT: 7.334 min Scan# 892

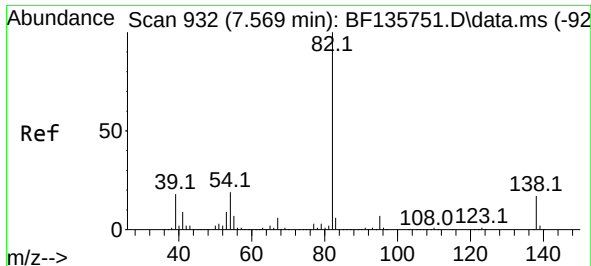
Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

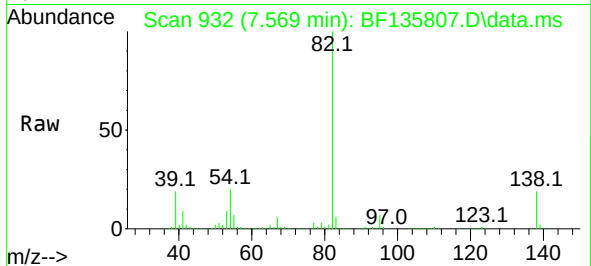
Tgt Ion: 77 Resp: 374929
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.3 55.9
 65 15.5 12.6 18.8





#25
Isophorone
Concen: 40.899 ng
RT: 7.569 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

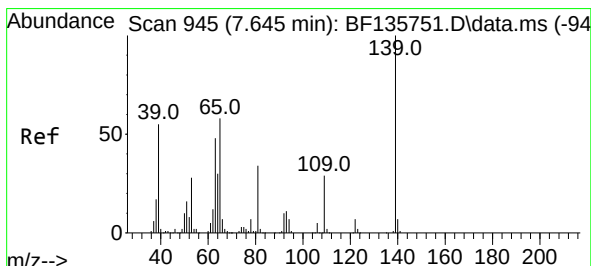
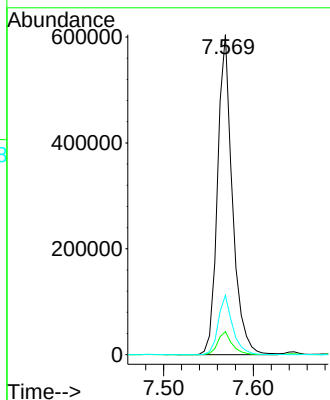
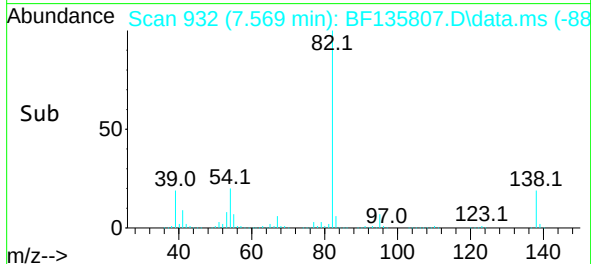
Instrument :
BNA_F
ClientSampleId :
PB156372BS



Tgt Ion: 82 Resp: 693898
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.5 13.9 20.9

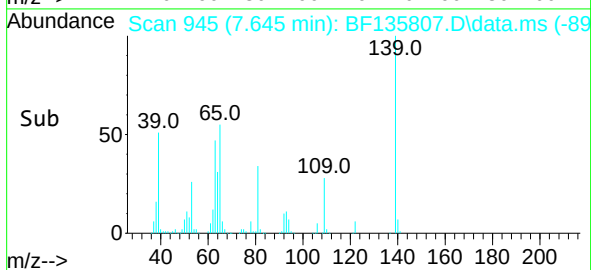
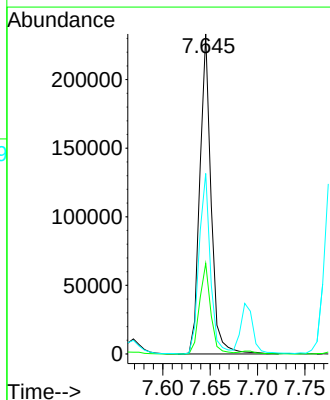
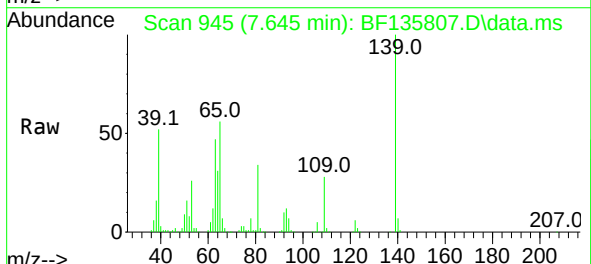
Manual Integrations
APPROVED

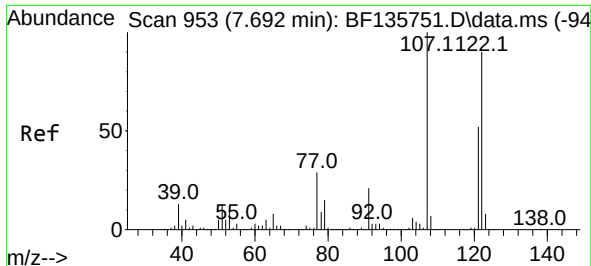
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2-Nitrophenol
Concen: 43.982 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:139 Resp: 193725
Ion Ratio Lower Upper
139 100
109 28.3 23.0 34.4
65 56.4 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 41.196 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

Tgt Ion:122 Resp: 29872

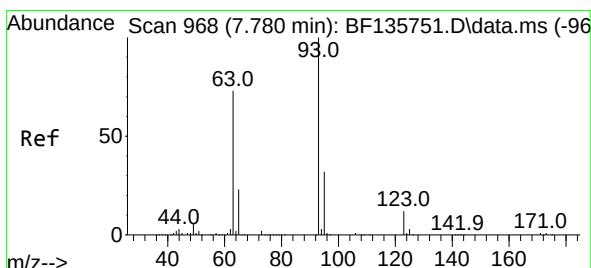
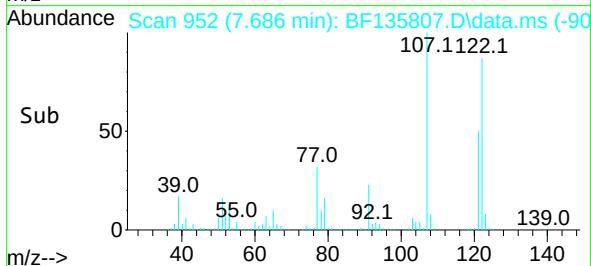
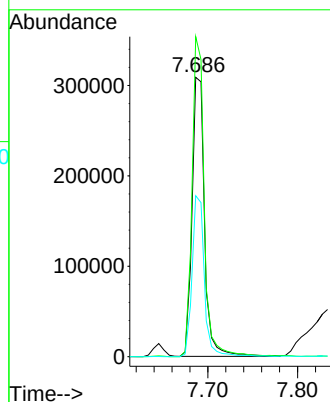
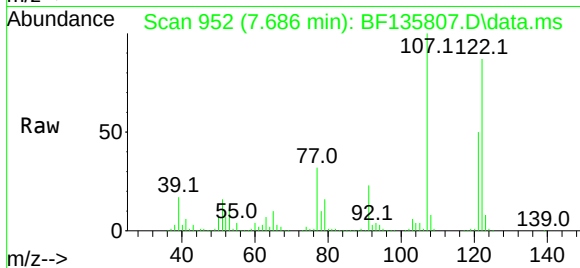
Ion	Ratio	Lower	Upper
122	100		
107	114.5	88.2	132.4
121	57.6	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.854 ng

RT: 7.775 min Scan# 967

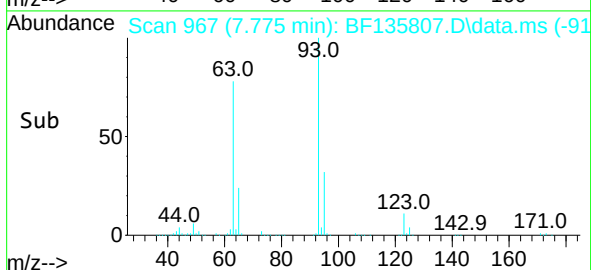
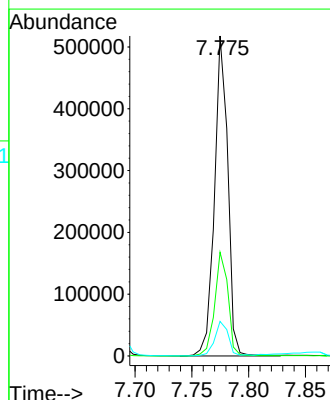
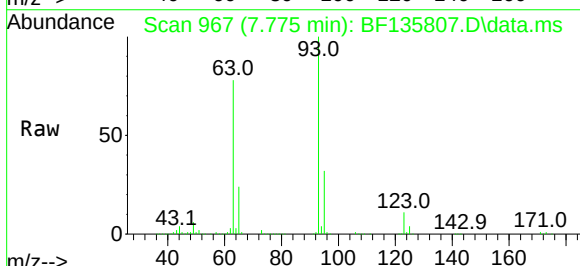
Delta R.T. -0.006 min

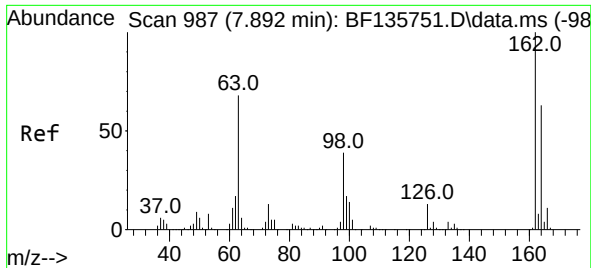
Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Tgt Ion: 93 Resp: 422885

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.7	38.5
123	10.8	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 44.019 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

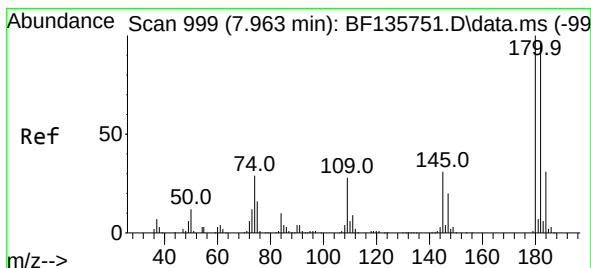
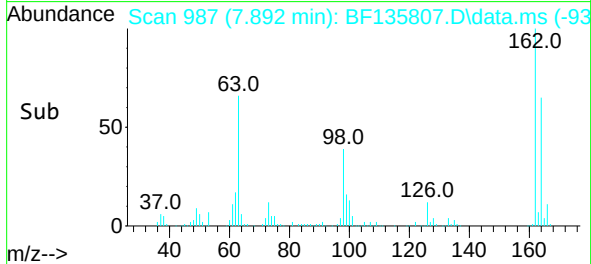
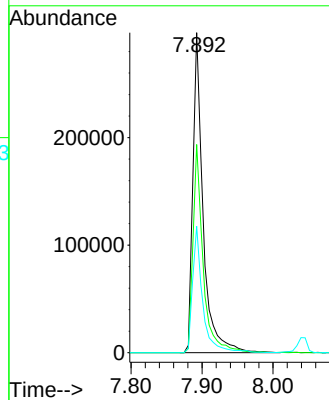
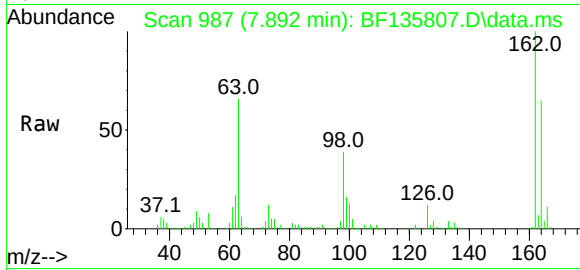
Tgt Ion:	162	Resp:	29911
Ion Ratio	Lower	Upper	
162	100		
164	65.0	43.4	83.4
98	39.5	19.0	59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.710 ng

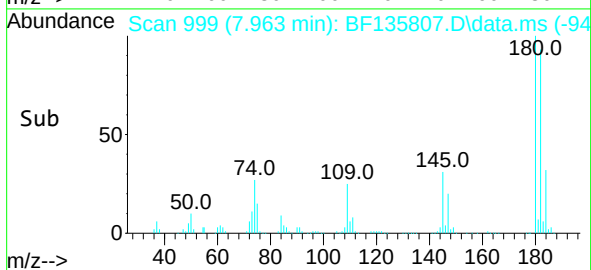
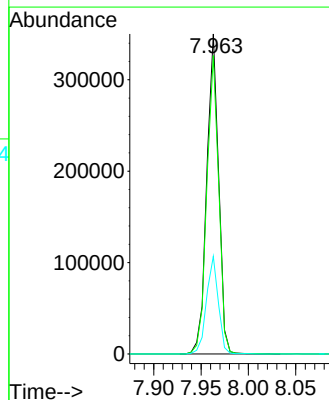
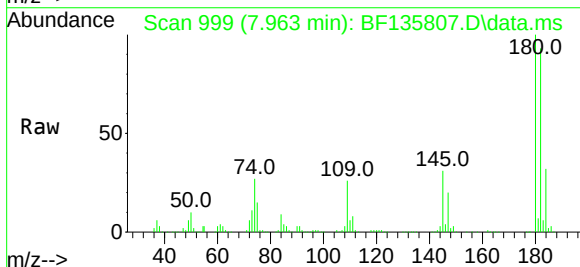
RT: 7.963 min Scan# 999

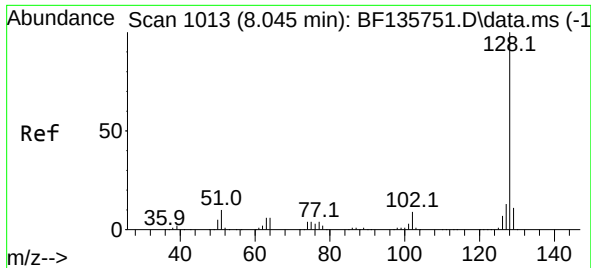
Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Tgt Ion:	180	Resp:	303788
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.4	114.6
145	30.5	25.0	37.6





#31
Naphthalene
Concen: 40.880 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

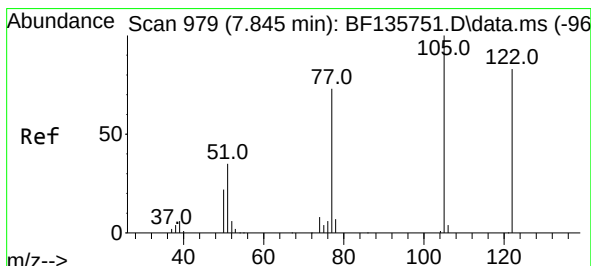
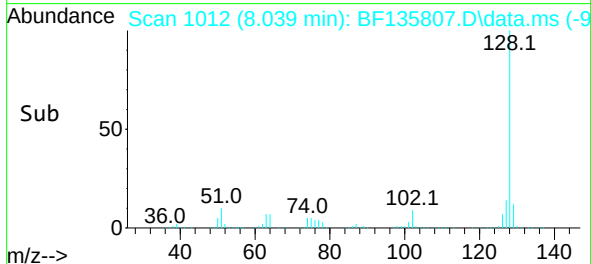
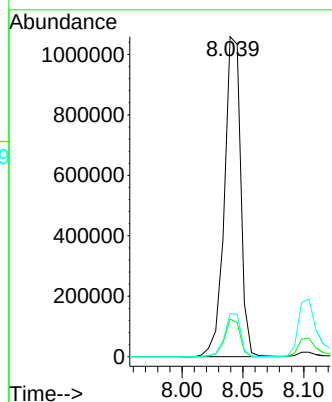
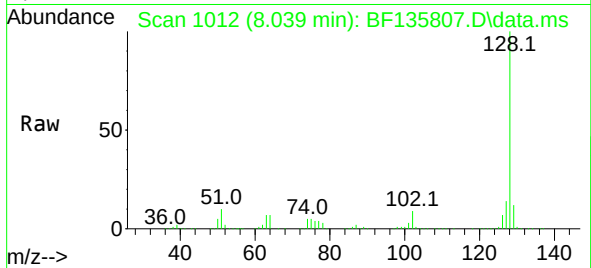
PB156372BS

Tgt Ion:128 Resp: 986220
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.5 10.2 15.4

Manual Integrations

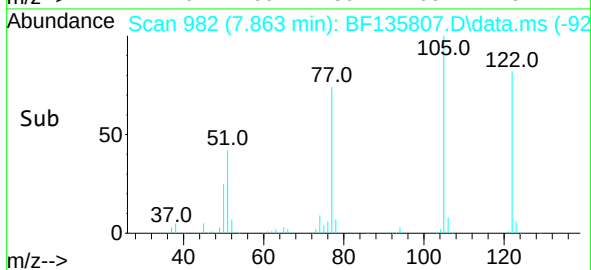
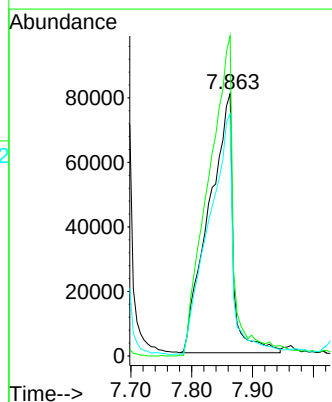
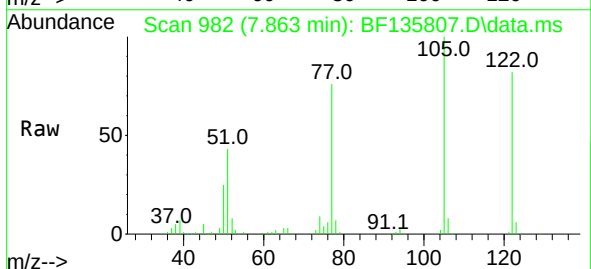
APPROVED

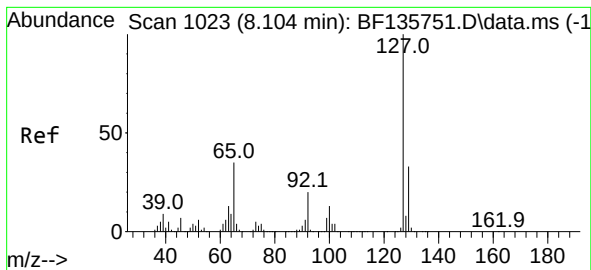
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#32
Benzoic acid
Concen: 45.587 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:122 Resp: 223752
Ion Ratio Lower Upper
122 100
105 122.0 98.7 138.7
77 92.3 67.8 107.8





#33
4-Chloroaniline
Concen: 21.776 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

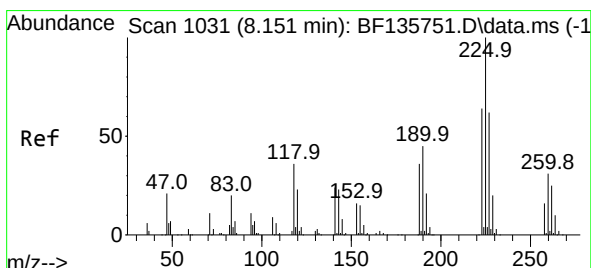
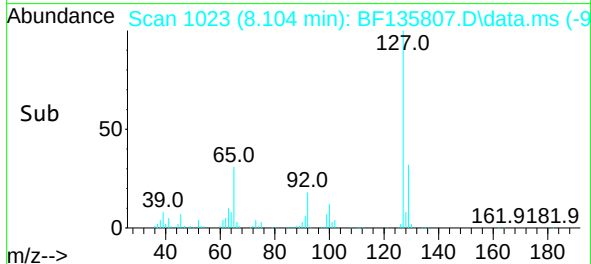
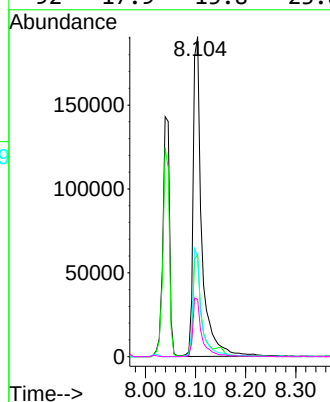
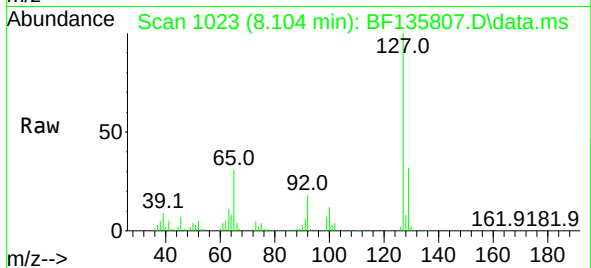
ClientSampleId :

PB156372BS

Tgt Ion:127 Resp: 229484
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 31.3 27.9 41.9
92 17.9 15.8 23.8

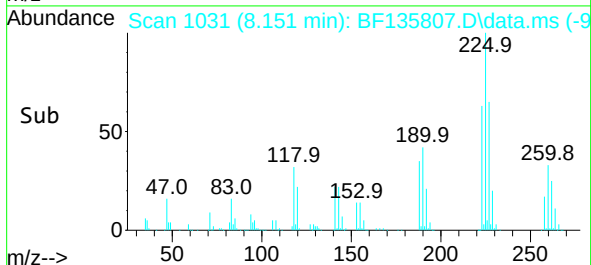
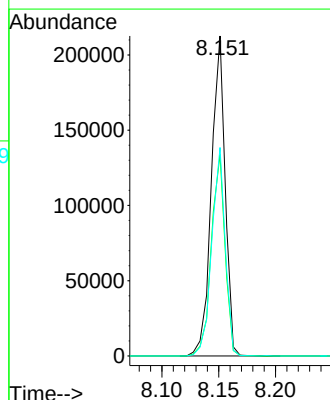
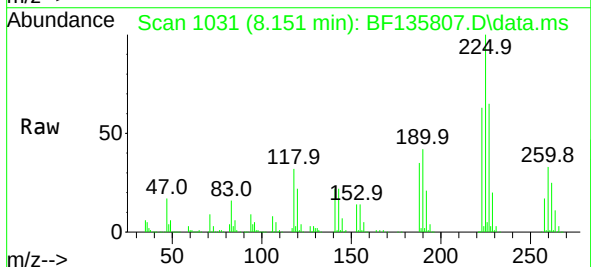
Manual Integrations
APPROVED

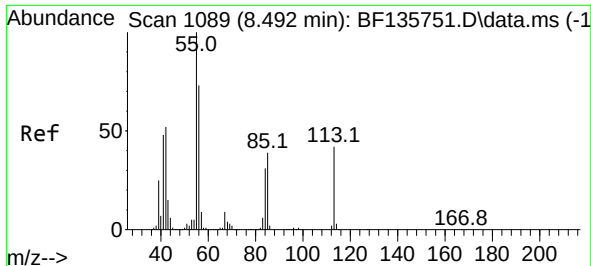
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Hexachlorobutadiene
Concen: 43.446 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

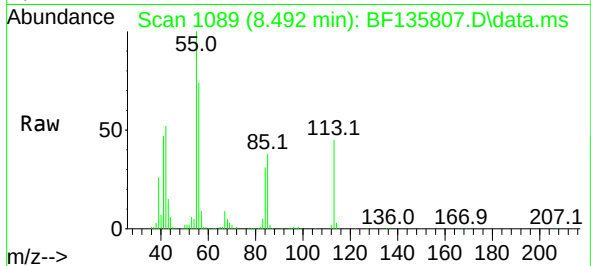
Tgt Ion:225 Resp: 178728
Ion Ratio Lower Upper
225 100
223 62.9 51.1 76.7
227 65.1 49.7 74.5





#35
Caprolactam
Concen: 43.870 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

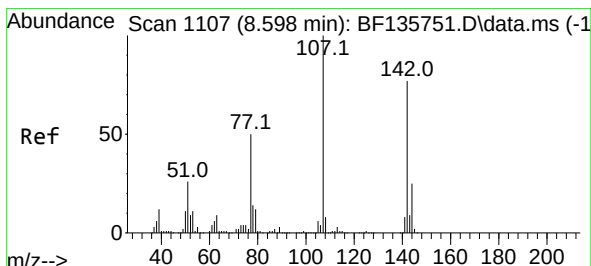
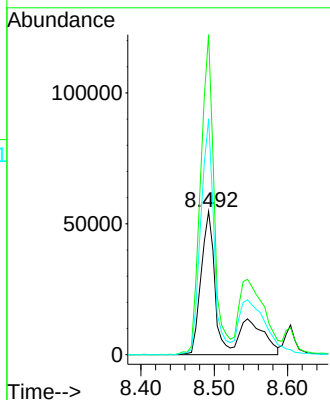
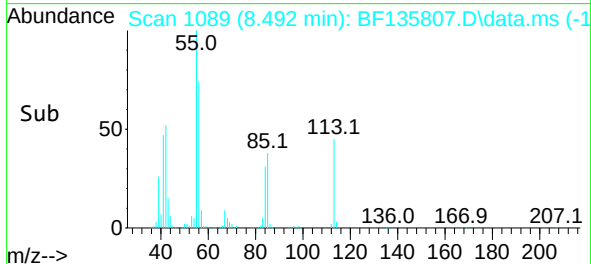
Instrument :
BNA_F
ClientSampleId :
PB156372BS



Tgt Ion:113 Resp: 10191
Ion Ratio Lower Upper
113 100
55 223.5 217.4 257.4
56 164.8 153.1 193.1

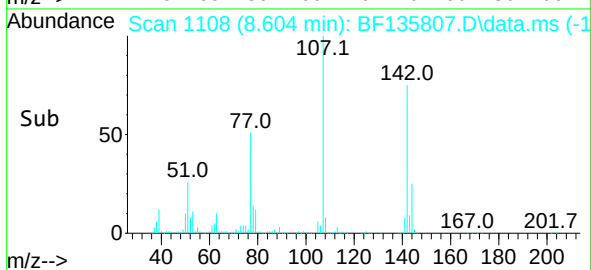
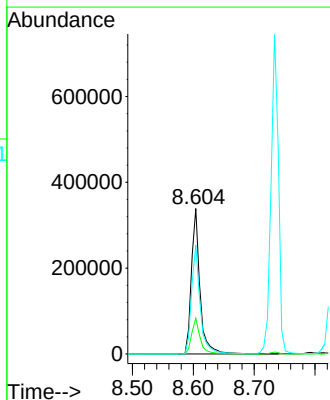
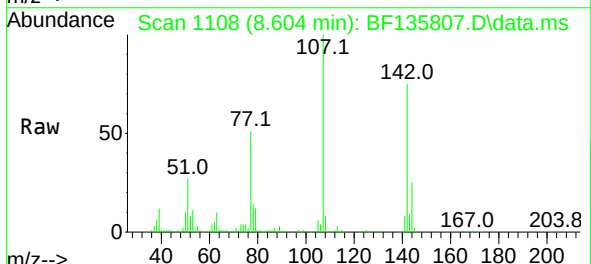
Manual Integrations
APPROVED

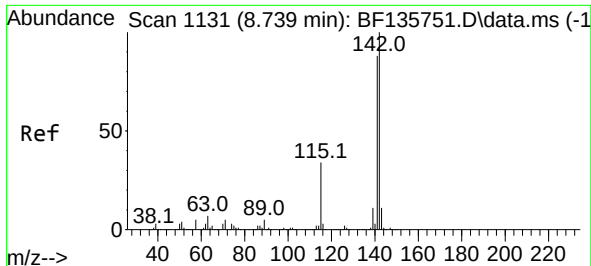
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#36
4-Chloro-3-methylphenol
Concen: 44.398 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:107 Resp: 334572
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.8
142 74.9 61.3 91.9





#37
2-Methylnaphthalene
Concen: 39.689 ng
RT: 8.733 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

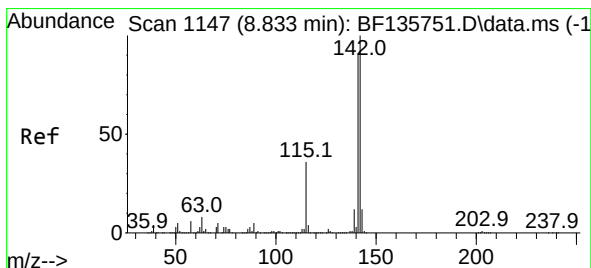
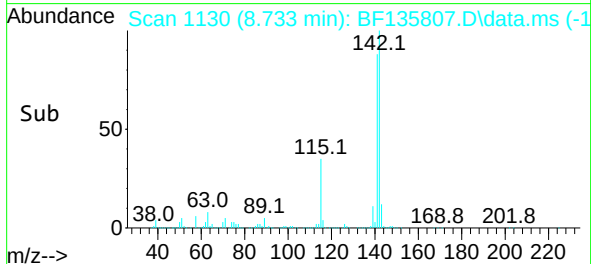
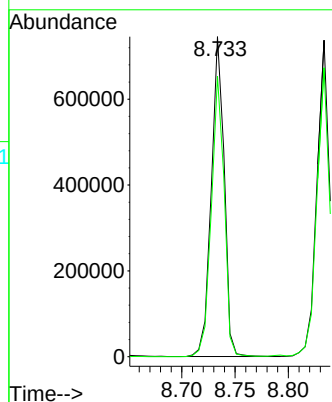
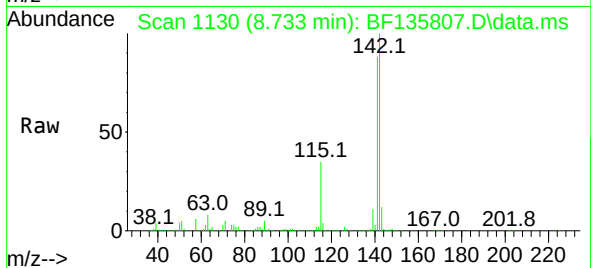
PB156372BS

Tgt Ion:142 Resp: 63085
Ion Ratio Lower Upper
142 100
141 87.7 70.6 105.8

Manual Integrations

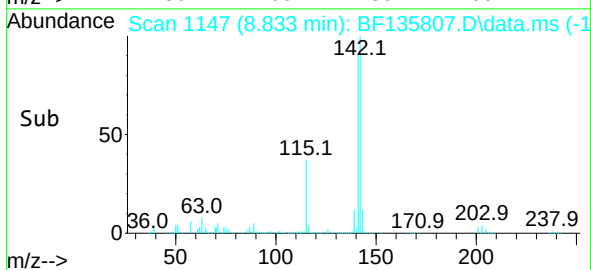
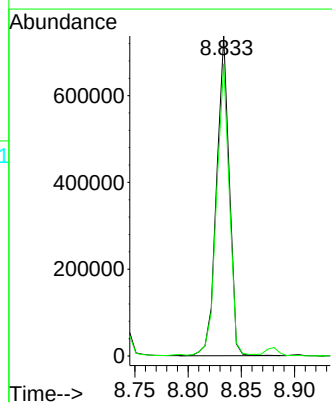
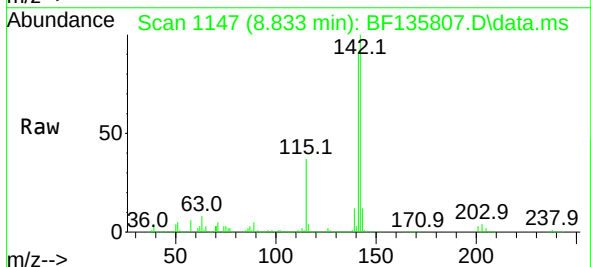
APPROVED

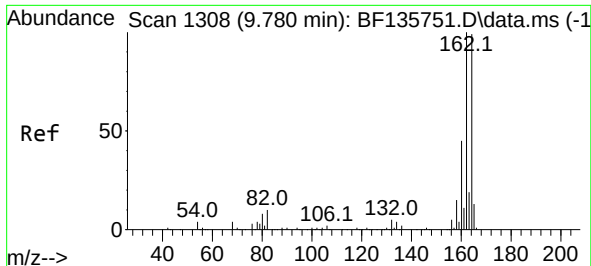
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#38
1-Methylnaphthalene
Concen: 41.550 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:142 Resp: 609144
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1





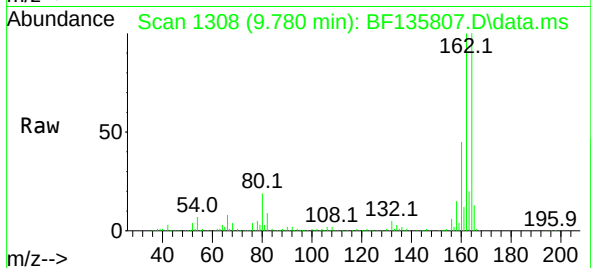
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS



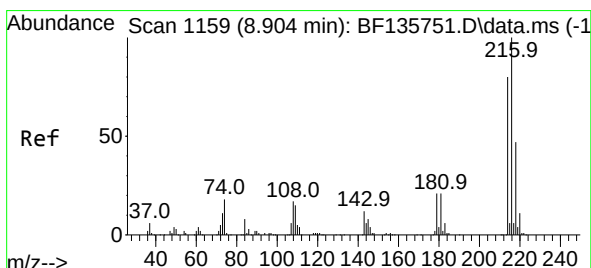
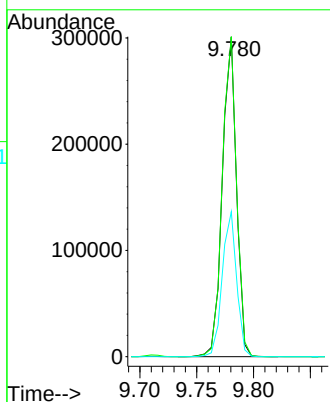
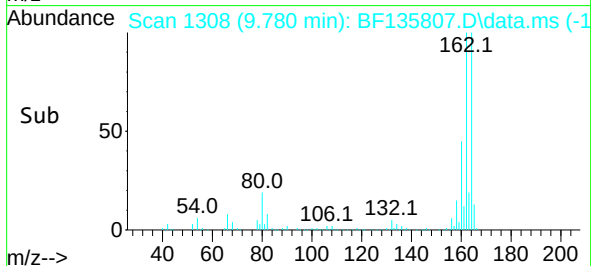
Tgt Ion:164 Resp: 26097
Ion Ratio Lower Upper
164 100
162 100.0 80.8 121.2
160 45.3 36.6 54.8

Manual Integrations

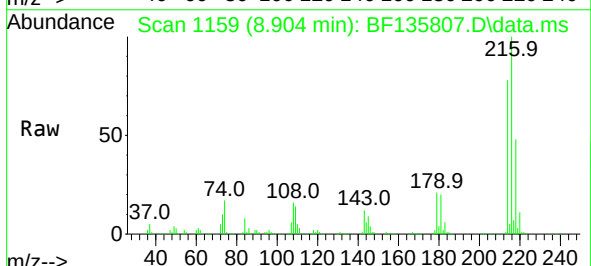
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

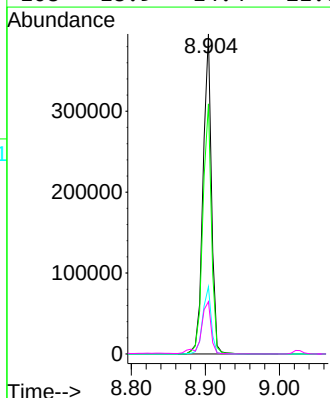
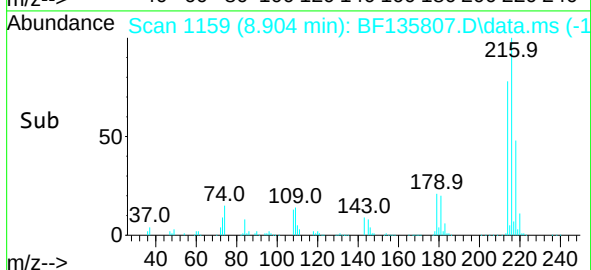
Supervised By :mohammad ahmed 10/18/2023

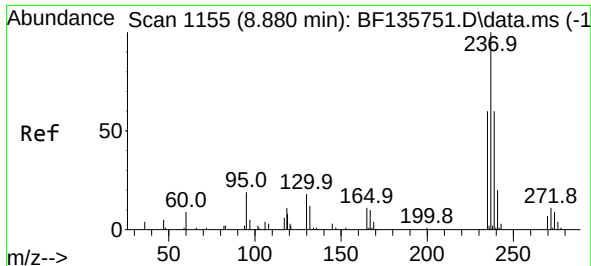


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.476 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:216 Resp: 311361
Ion Ratio Lower Upper
216 100
214 80.1 64.0 96.0
179 21.3 16.9 25.3
108 18.9 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 81.178 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

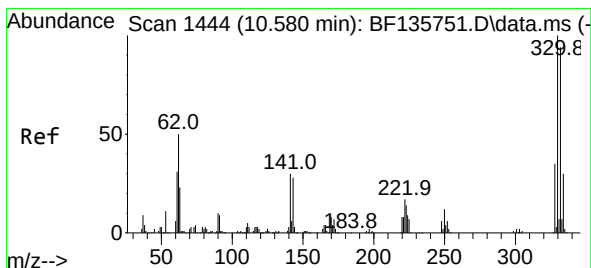
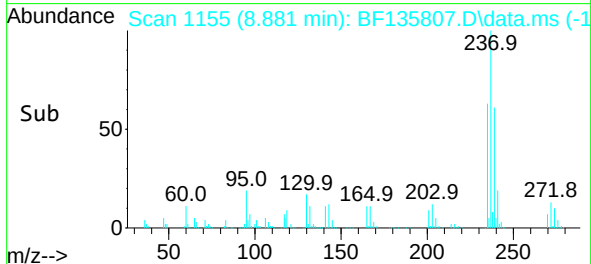
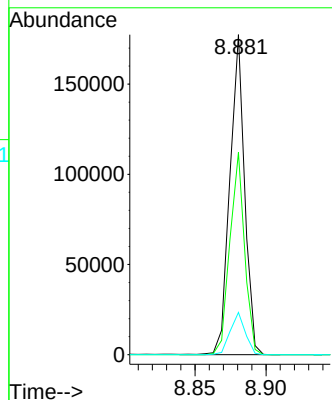
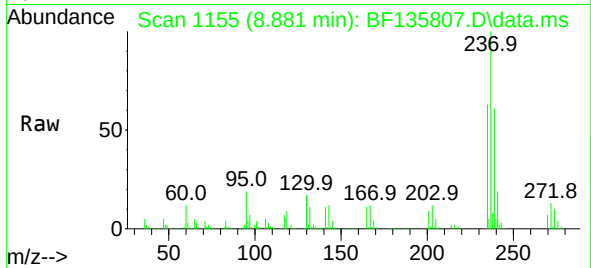
PB156372BS

Tgt Ion:237 Resp: 127730
Ion Ratio Lower Upper
237 100
235 63.2 40.0 80.0
272 13.2 0.0 30.9

Manual Integrations

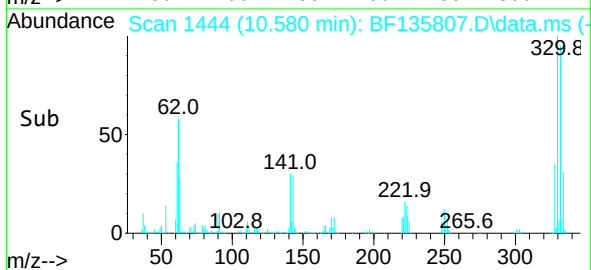
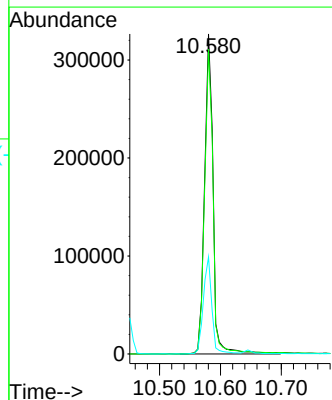
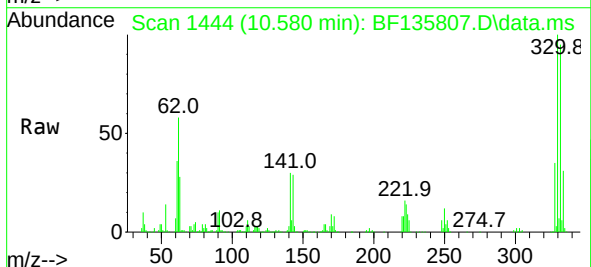
APPROVED

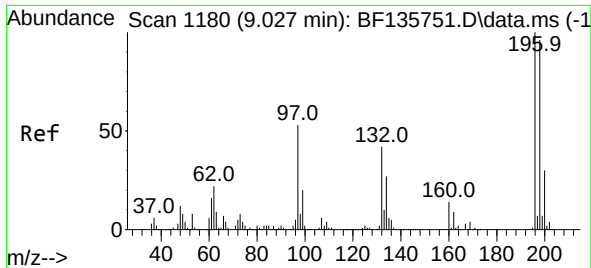
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#42
2,4,6-Tribromophenol
Concen: 126.368 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:330 Resp: 316453
Ion Ratio Lower Upper
330 100
332 95.2 75.0 112.4
141 30.5 25.8 38.6





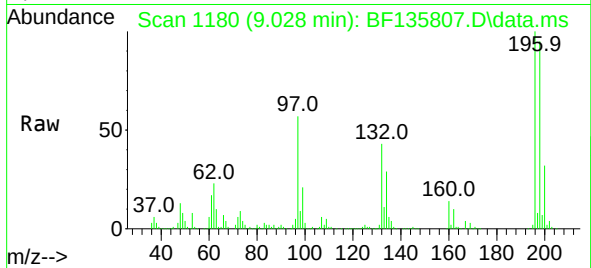
#43
2,4,6-Trichlorophenol
Concen: 43.459 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

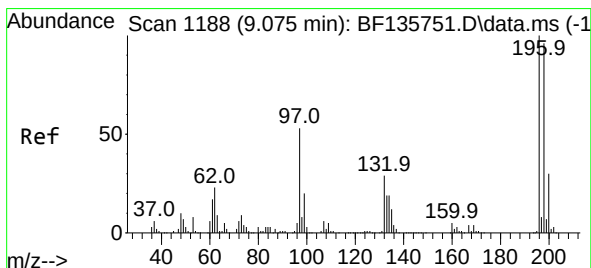
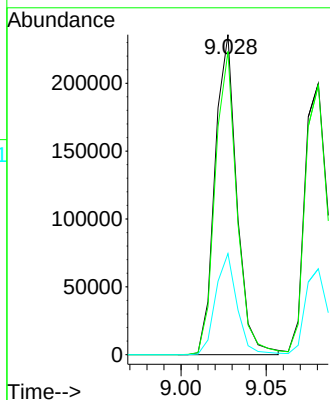
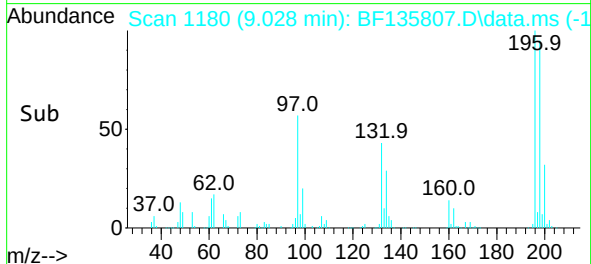


Tgt Ion:196 Resp: 21023
Ion Ratio Lower Upper
196 100
198 94.7 76.7 115.1
200 31.6 24.2 36.4

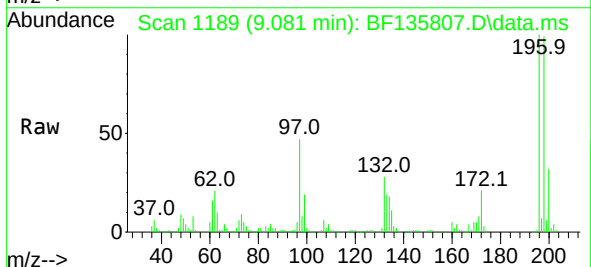
Manual Integrations

APPROVED

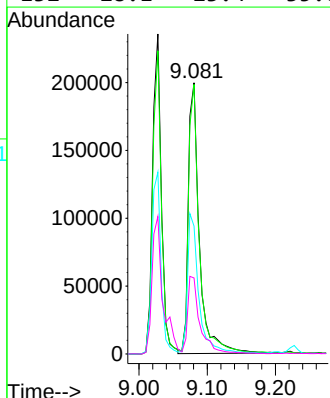
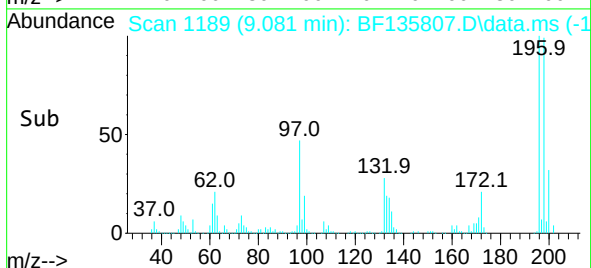
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

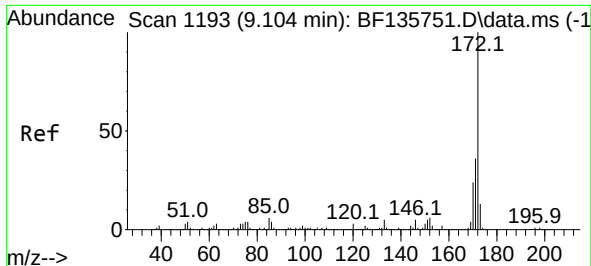


#44
2,4,5-Trichlorophenol
Concen: 39.759 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:196 Resp: 223707
Ion Ratio Lower Upper
196 100
198 99.4 77.0 115.6
97 47.2 42.2 63.2
132 28.1 23.4 35.0





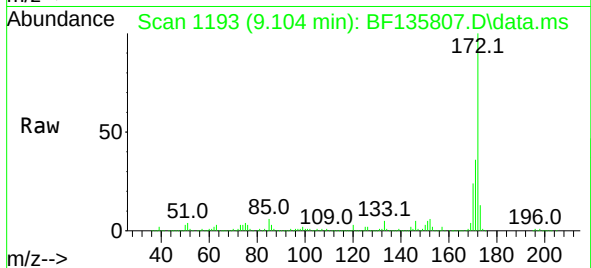
#45
2-Fluorobiphenyl
Concen: 76.226 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

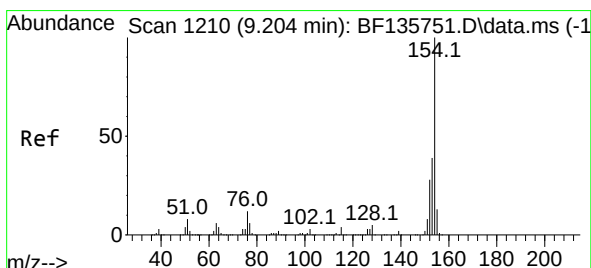
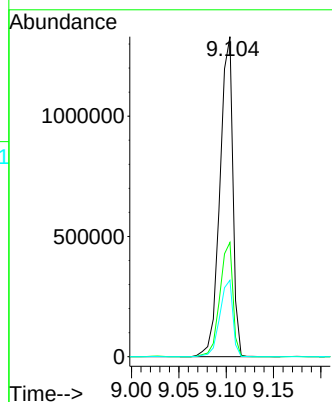
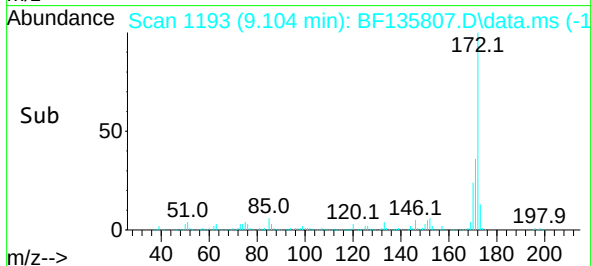


Tgt Ion:172 Resp: 1272320
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.9 18.8 28.2

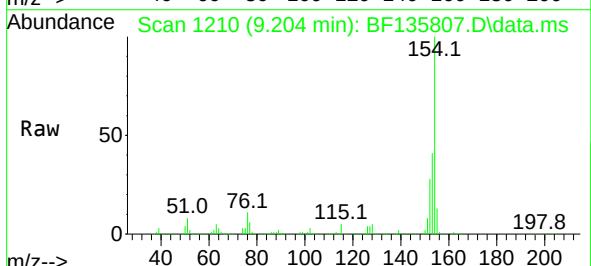
Manual Integrations

APPROVED

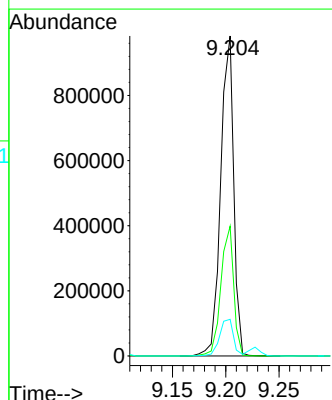
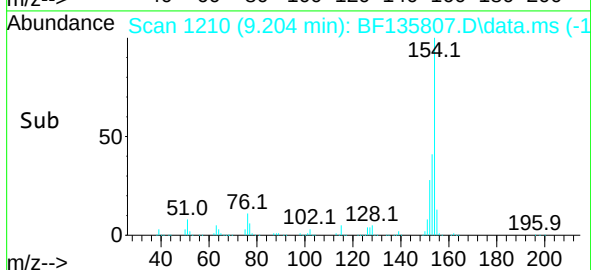
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

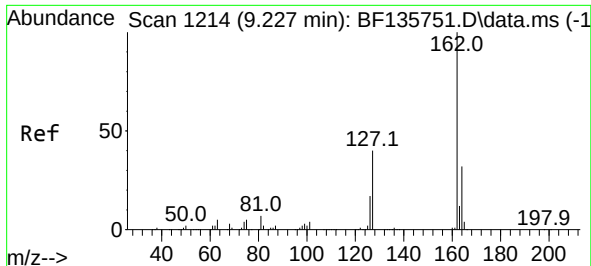


#46
1,1'-Biphenyl
Concen: 41.461 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:154 Resp: 828840
Ion Ratio Lower Upper
154 100
153 40.5 19.4 59.4
76 11.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 43.188 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

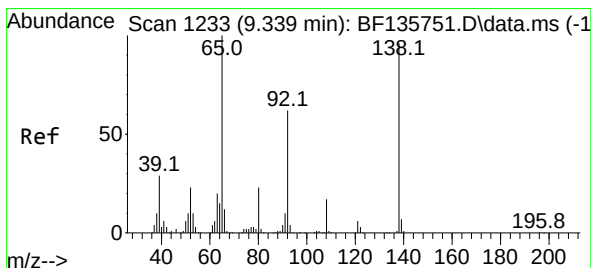
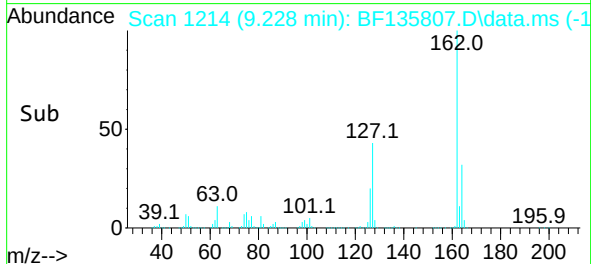
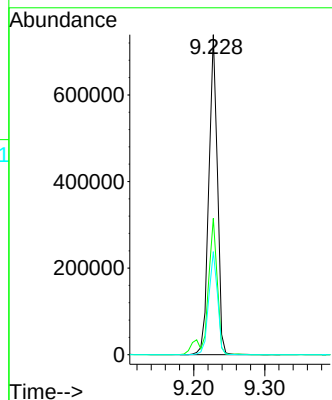
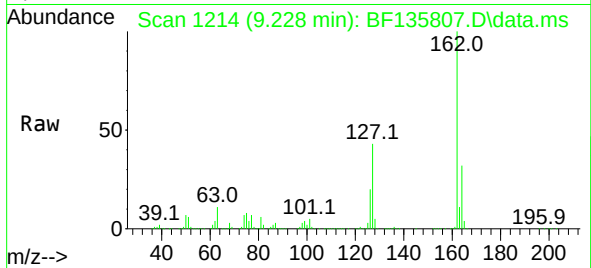
ClientSampleId :

PB156372BS

Tgt Ion:162 Resp: 62222
Ion Ratio Lower Upper
162 100
127 42.6 34.7 52.1
164 32.2 25.6 38.4

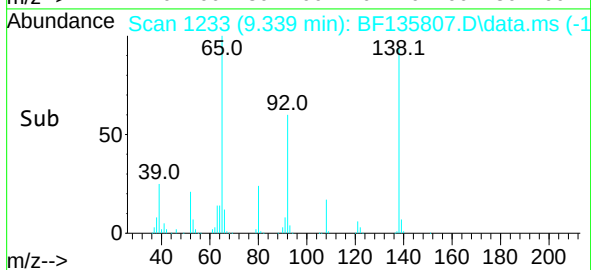
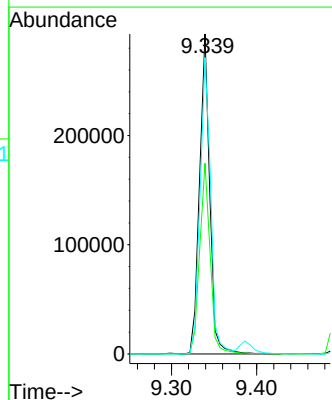
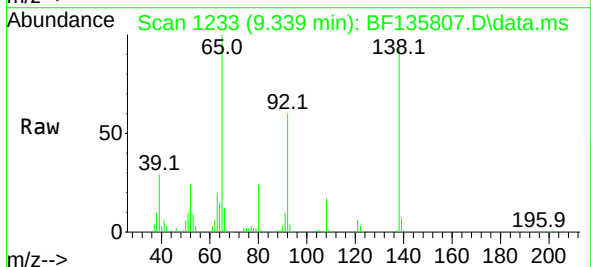
Manual Integrations
APPROVED

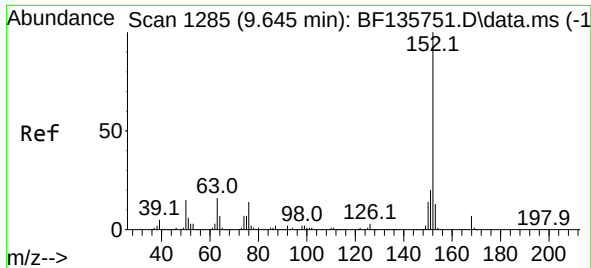
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#48
2-Nitroaniline
Concen: 43.168 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

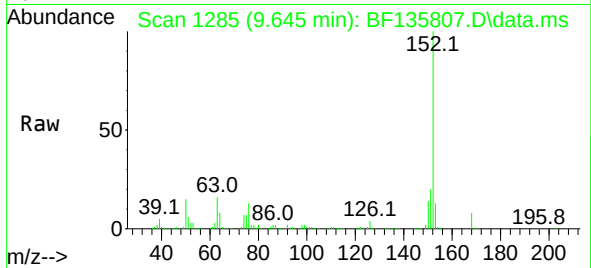
Tgt Ion: 65 Resp: 245489
Ion Ratio Lower Upper
65 100
92 59.6 49.4 74.0
138 92.6 76.6 114.8





#49
Acenaphthylene
Concen: 41.662 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

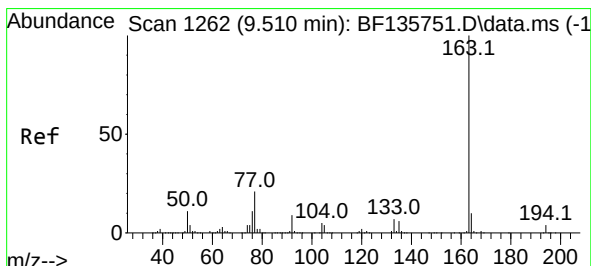
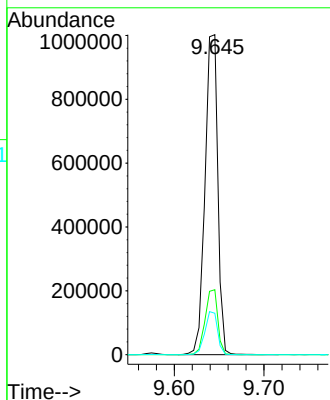
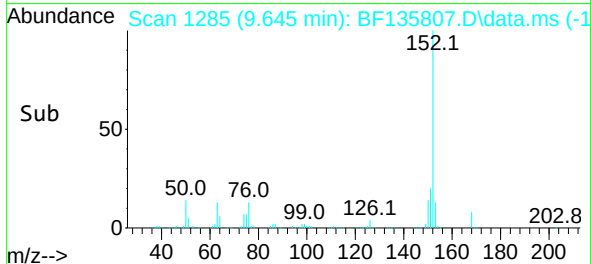
Instrument :
BNA_F
ClientSampleId :
PB156372BS



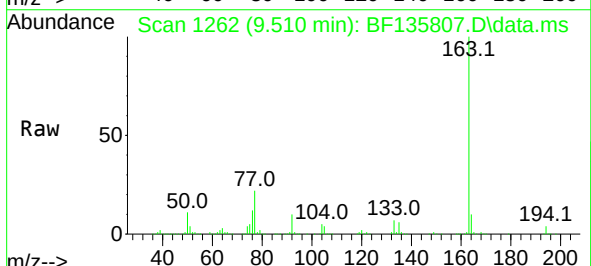
Tgt Ion:152 Resp: 99331
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.2 15.4

Manual Integrations
APPROVED

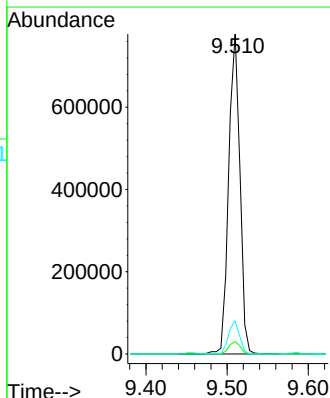
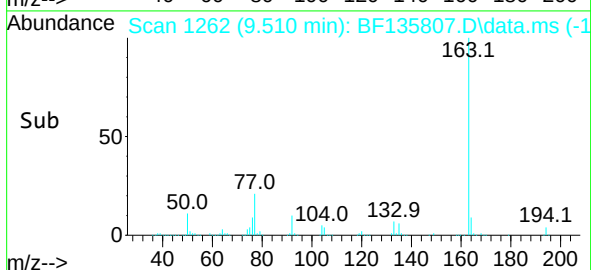
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

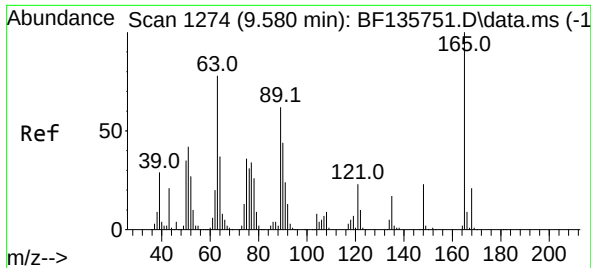


#50
Dimethylphthalate
Concen: 42.416 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:163 Resp: 747245
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 7.9 11.9





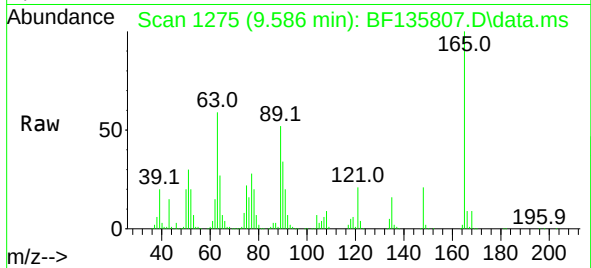
#51
2,6-Dinitrotoluene
Concen: 43.607 ng
RT: 9.586 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

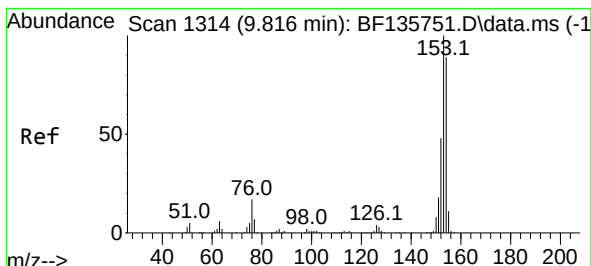
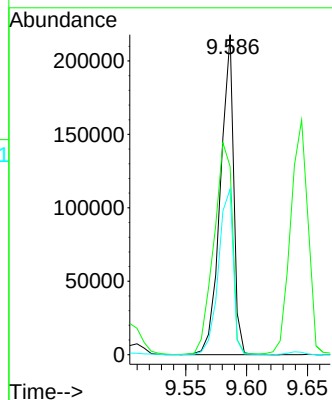
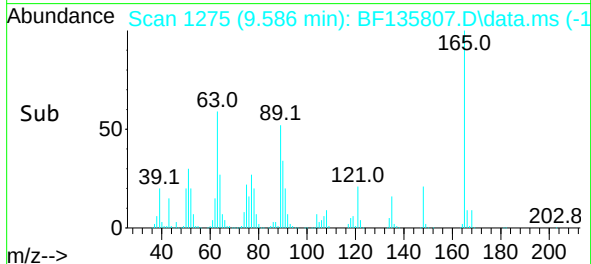


Tgt Ion:165 Resp: 165204
Ion Ratio Lower Upper
165 100
63 58.8 62.2 93.4
89 51.8 49.6 74.4

Manual Integrations

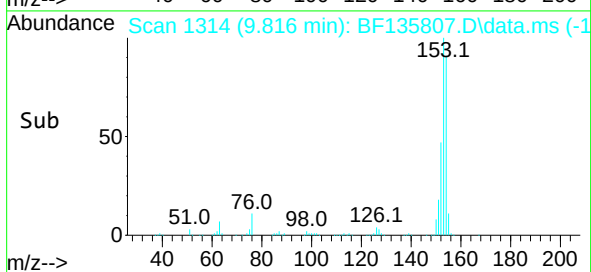
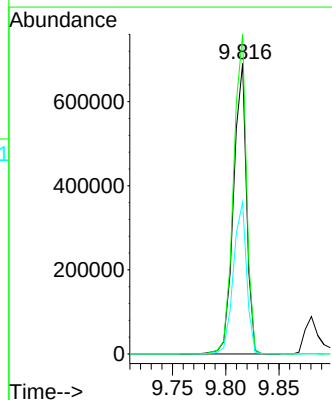
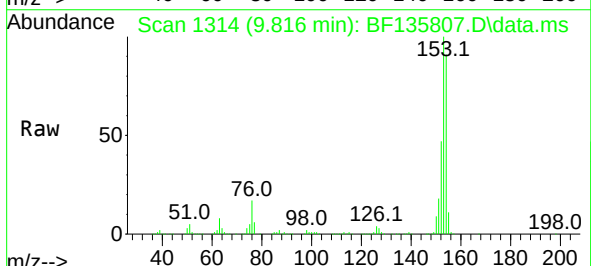
APPROVED

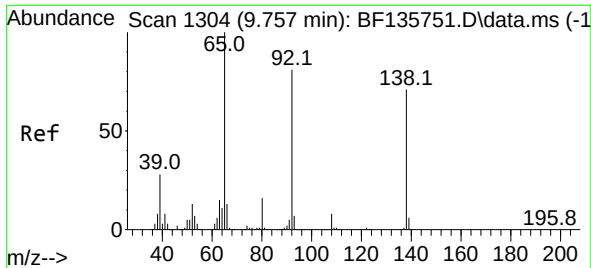
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#52
Acenaphthene
Concen: 41.196 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:154 Resp: 588722
Ion Ratio Lower Upper
154 100
153 110.2 90.1 135.1
152 52.2 43.1 64.7





#53
3-Nitroaniline
Concen: 31.408 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

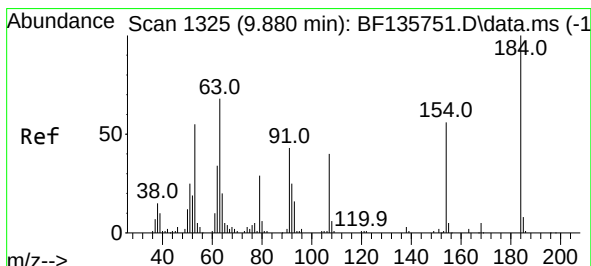
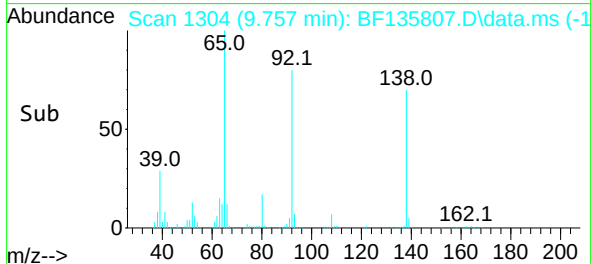
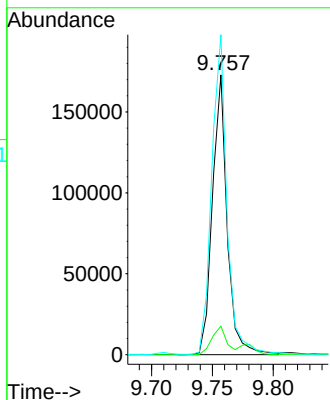
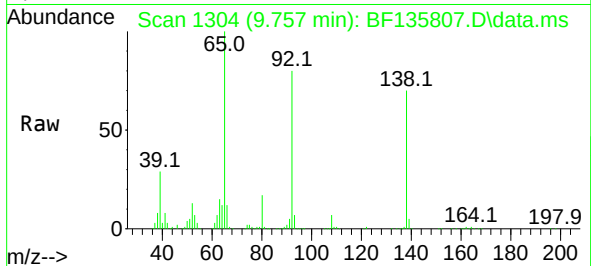
ClientSampleId :

PB156372BS

Tgt Ion:138 Resp: 145860
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 114.3 91.3 136.9

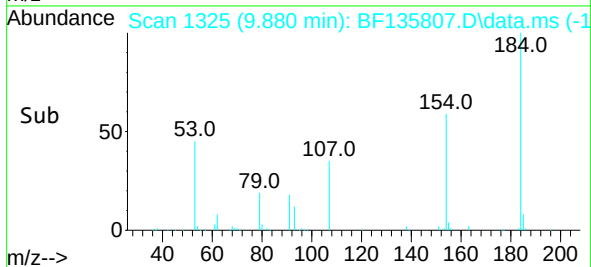
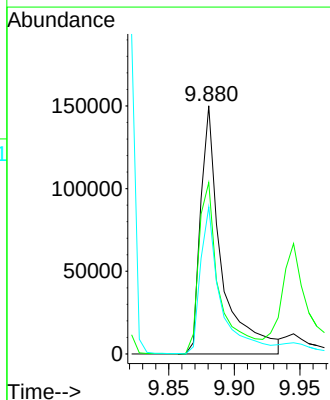
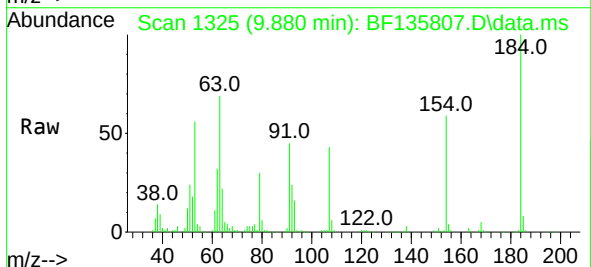
Manual Integrations
APPROVED

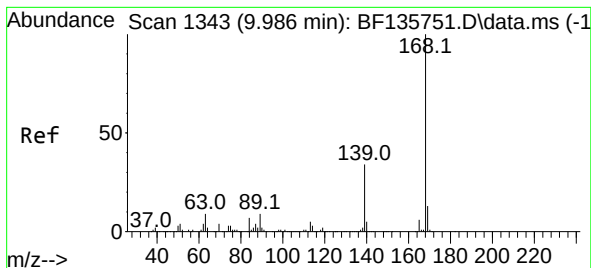
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#54
2,4-Dinitrophenol
Concen: 105.120 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:184 Resp: 166240
Ion Ratio Lower Upper
184 100
63 69.0 54.6 81.8
154 59.3 45.0 67.4





#55

Dibenzenofuran

Concen: 41.761 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

Tgt Ion:168 Resp: 900490

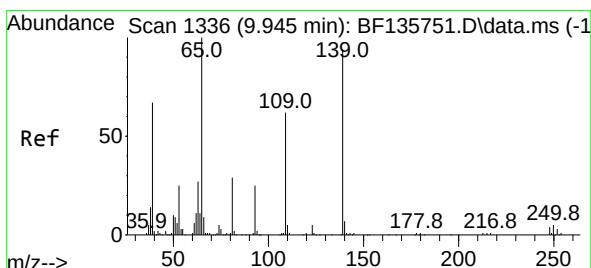
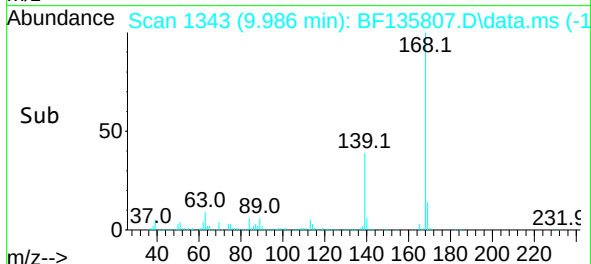
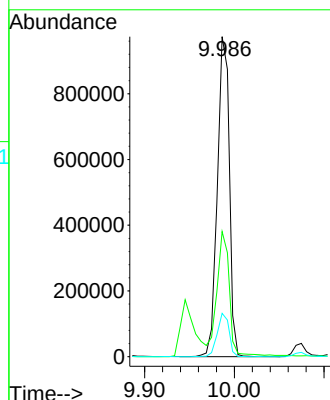
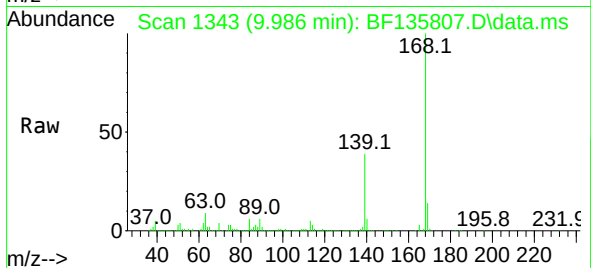
Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.0	46.4
169	13.5	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#56

4-Nitrophenol

Concen: 87.570 ng

RT: 9.945 min Scan# 1336

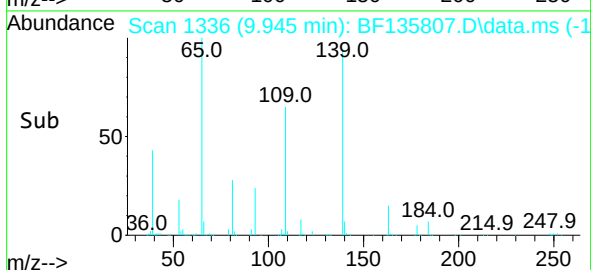
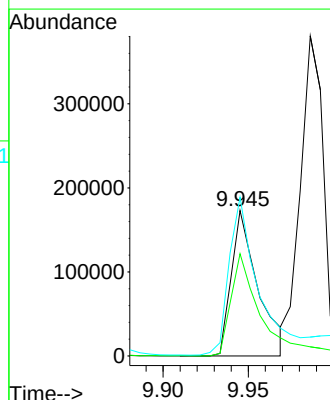
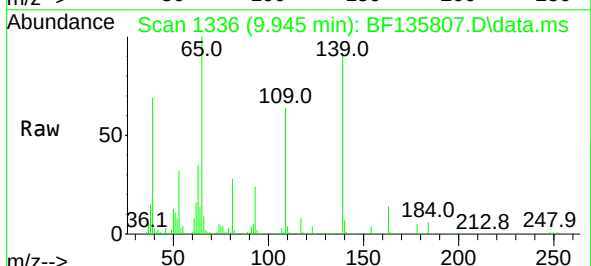
Delta R.T. -0.000 min

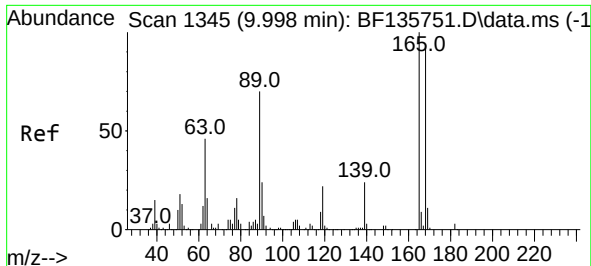
Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Tgt Ion:139 Resp: 187525

Ion	Ratio	Lower	Upper
139	100		
109	70.3	45.6	85.6
65	109.1	87.5	127.5





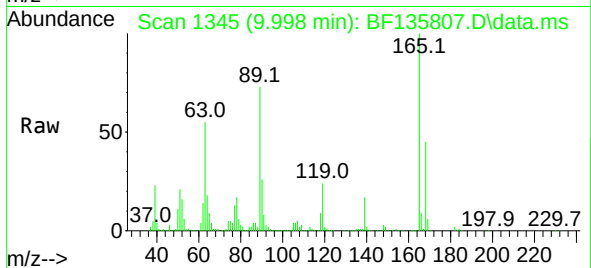
#57
2,4-Dinitrotoluene
Concen: 44.395 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS



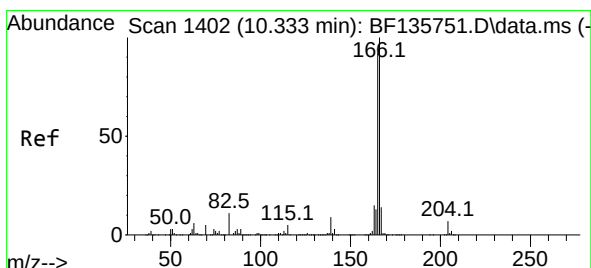
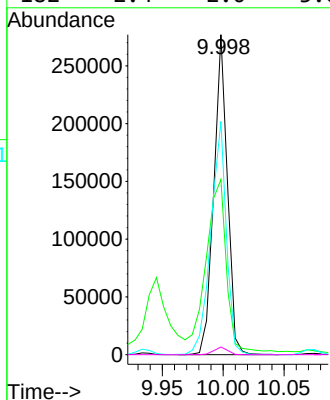
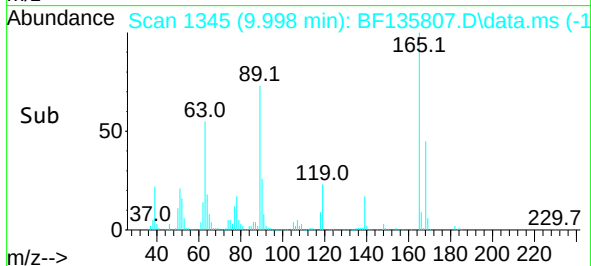
Tgt Ion:165 Resp: 213972
Ion Ratio Lower Upper
165 100
63 54.7 39.0 58.4
89 72.9 55.9 83.9
182 2.4 2.0 3.0

Manual Integrations

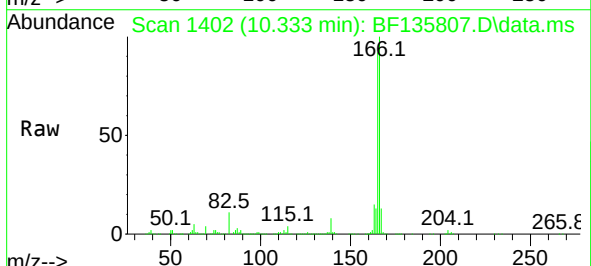
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

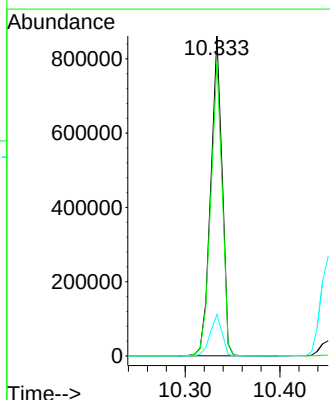
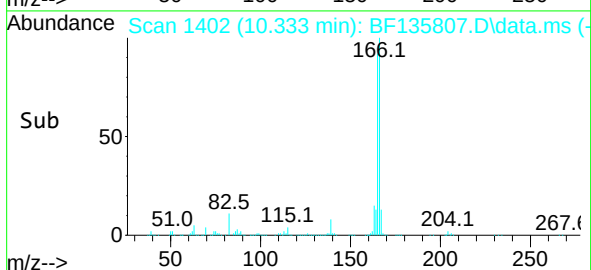
Supervised By :mohammad ahmed 10/18/2023

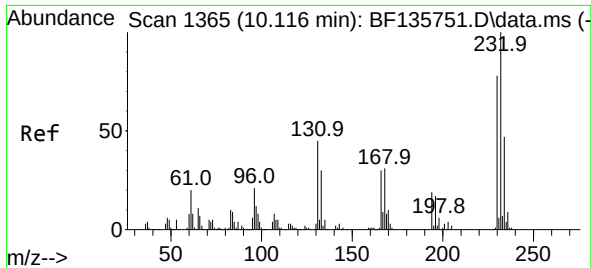


#58
Fluorene
Concen: 42.482 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:166 Resp: 717135
Ion Ratio Lower Upper
166 100
165 92.2 73.4 110.0
167 12.9 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.087 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

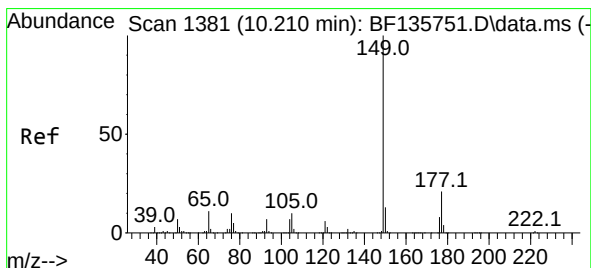
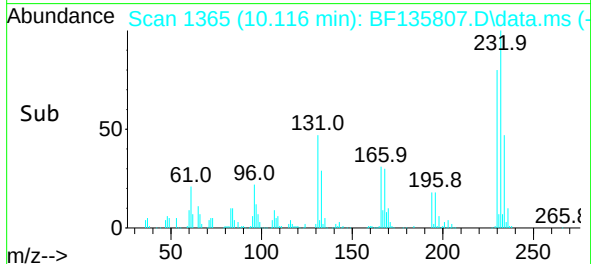
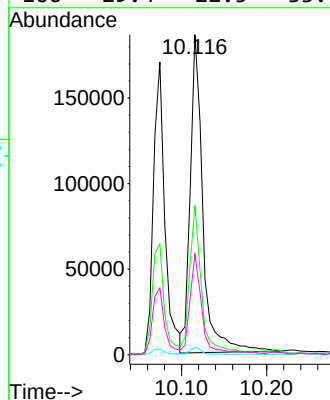
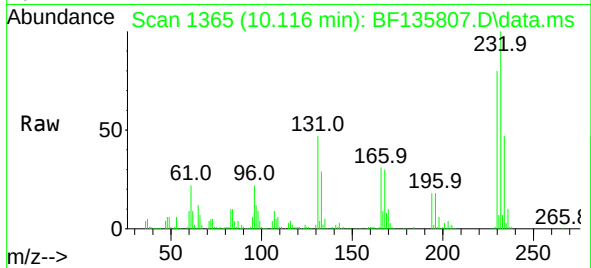
PB156372BS

Tgt Ion:232 Resp: 191714
Ion Ratio Lower Upper
232 100
131 43.0 35.8 53.6
130 2.3 1.9 2.9
166 29.4 22.5 33.7

Manual Integrations

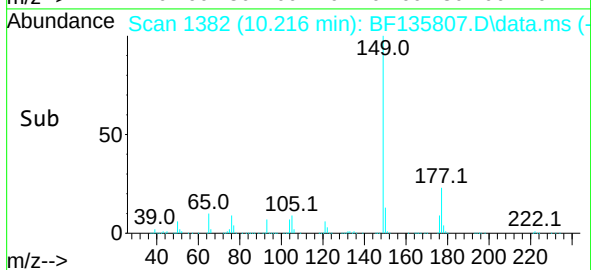
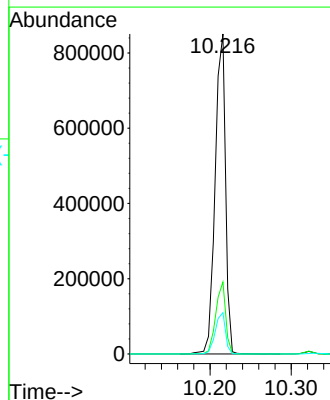
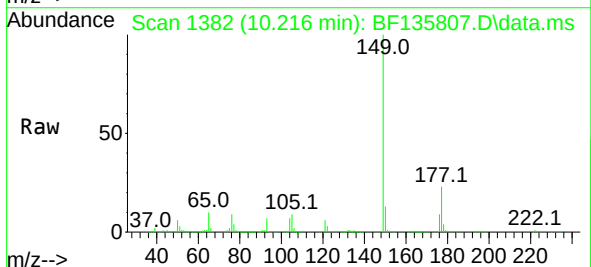
APPROVED

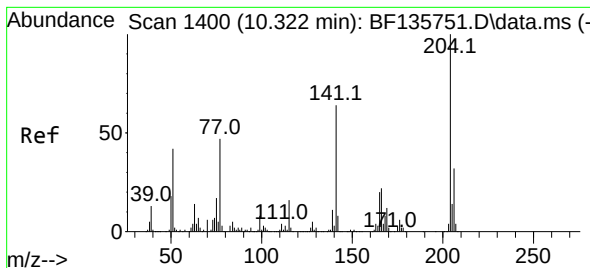
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#60
Diethylphthalate
Concen: 41.864 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

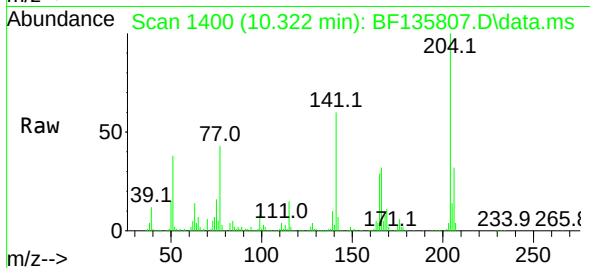
Tgt Ion:149 Resp: 752933
Ion Ratio Lower Upper
149 100
177 22.5 16.9 25.3
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.756 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

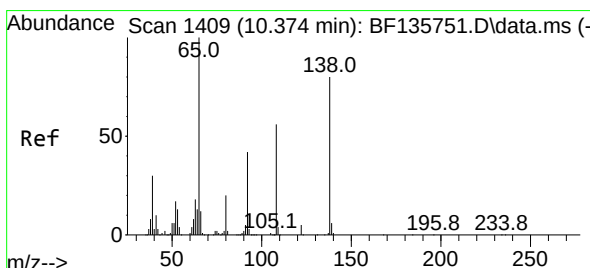
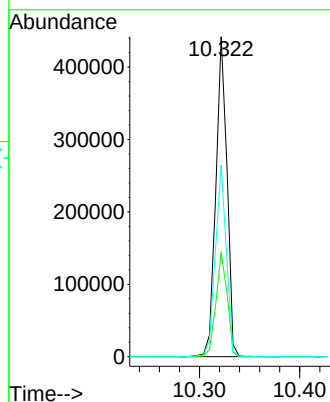
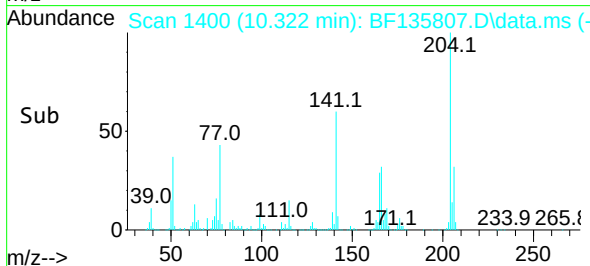
Instrument :
BNA_F
ClientSampleId :
PB156372BS



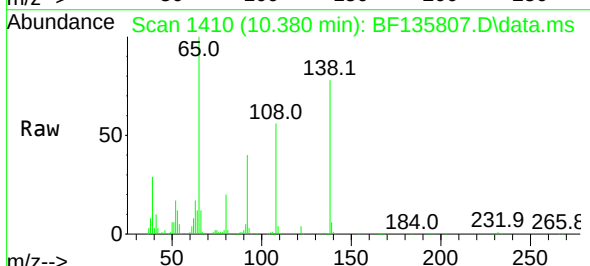
Tgt Ion:204 Resp: 34067
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 60.0 51.4 77.0

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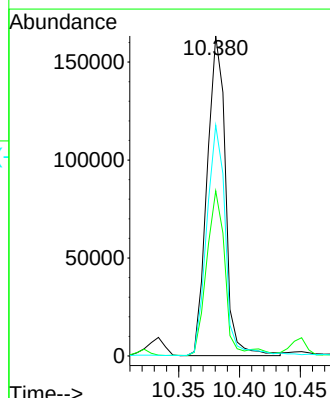
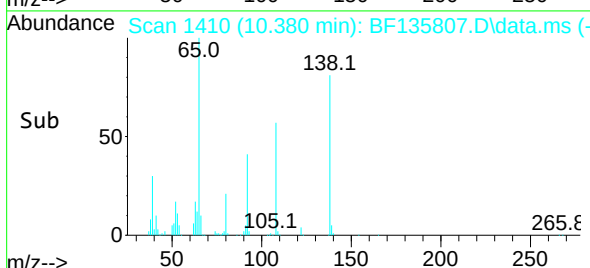
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

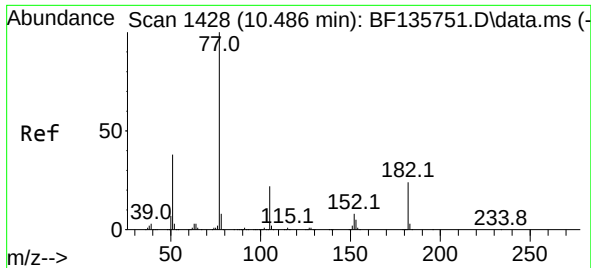


#62
4-Nitroaniline
Concen: 40.273 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



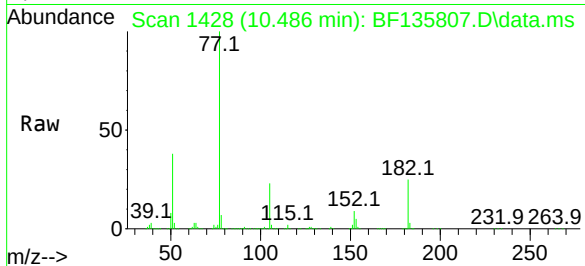
Tgt Ion:138 Resp: 172086
Ion Ratio Lower Upper
138 100
92 51.6 31.9 71.9
108 72.1 49.7 89.7





#63
Azobenzene
Concen: 42.030 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

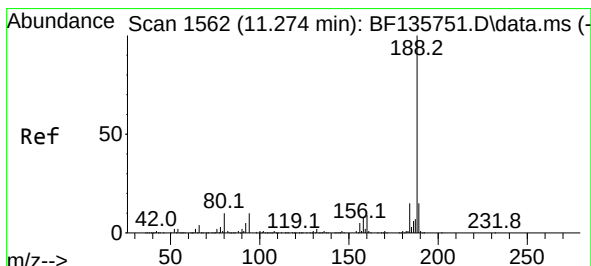
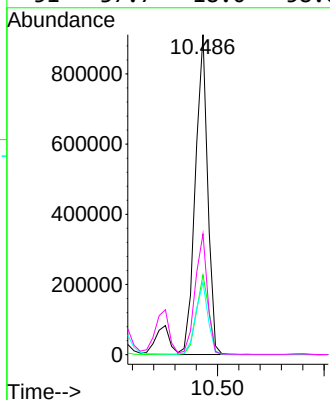
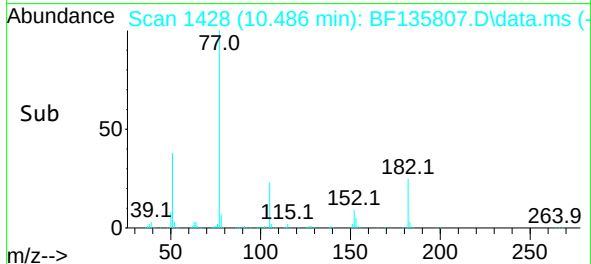
Instrument :
BNA_F
ClientSampleId :
PB156372BS



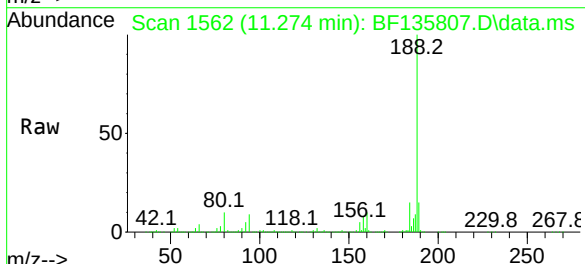
Tgt Ion: 77 Resp: 73442
Ion Ratio Lower Upper
77 100
182 25.0 3.5 43.5
105 22.6 2.2 42.2
51 37.7 18.0 58.0

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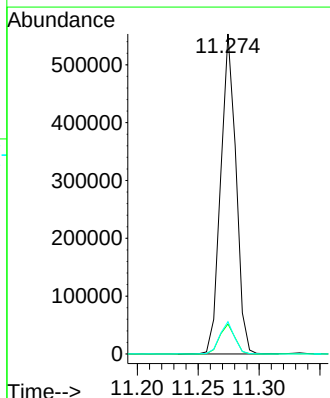
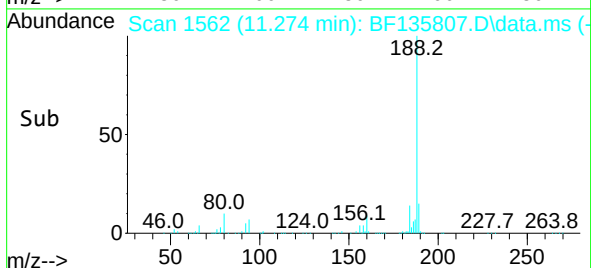
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

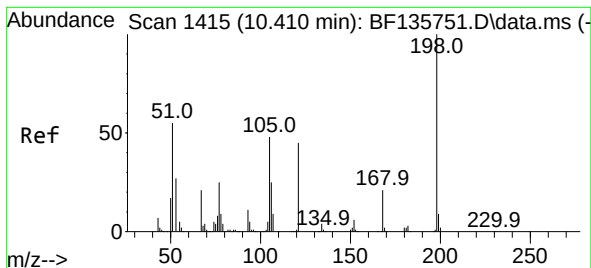


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:188 Resp: 484766
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.1 8.3 12.5





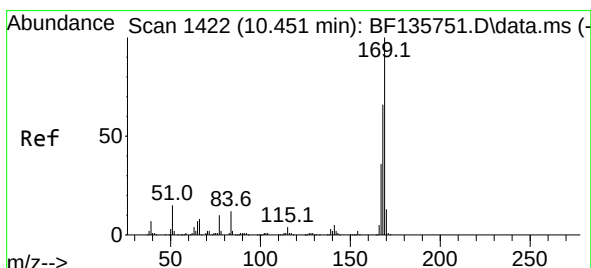
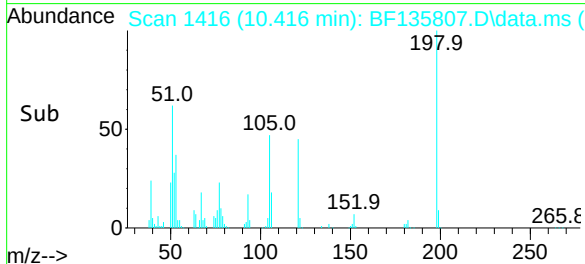
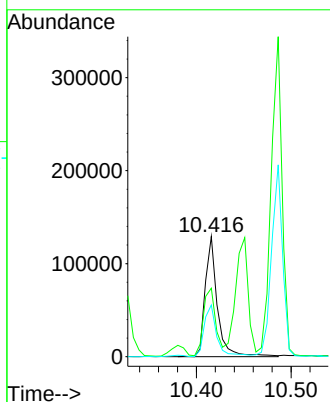
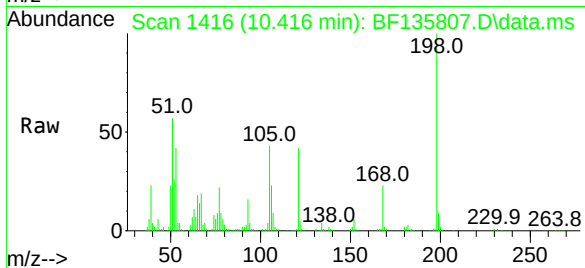
#65
4,6-Dinitro-2-methylphenol
Concen: 47.036 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :
BNA_F
ClientSampleId :
PB156372BS

Tgt Ion:198 Resp: 114750
Ion Ratio Lower Upper
198 100
51 57.0 47.6 87.6
105 43.0 29.2 69.2

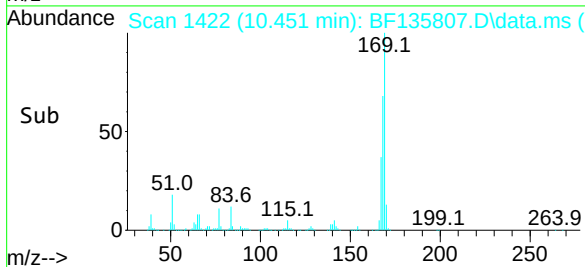
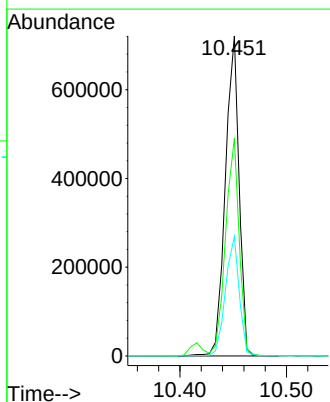
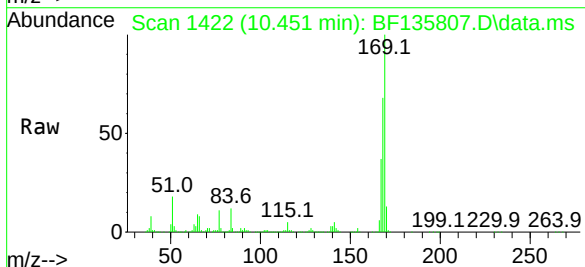
Manual Integrations
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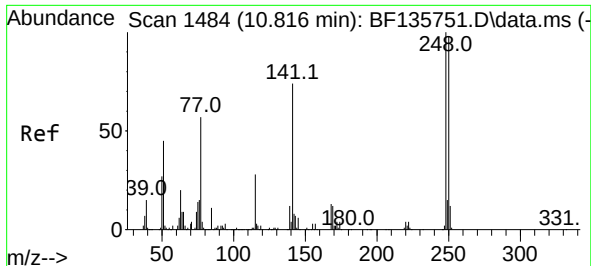
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#66
n-Nitrosodiphenylamine
Concen: 43.674 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:169 Resp: 645311
Ion Ratio Lower Upper
169 100
168 68.0 53.4 80.2
167 37.3 29.2 43.8





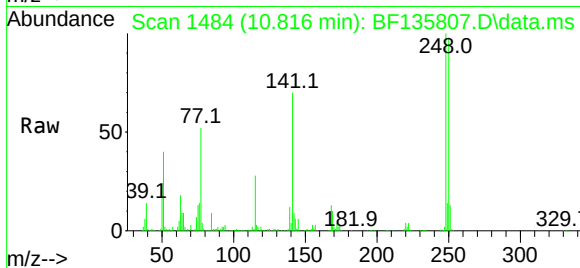
#67
4-Bromophenyl-phenylether
Concen: 42.933 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

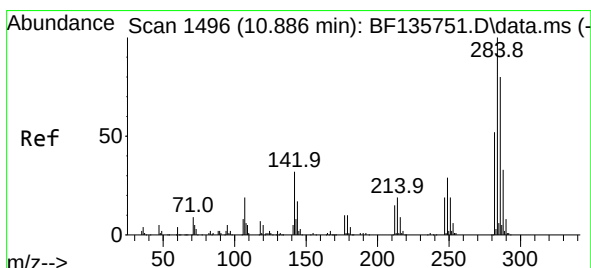
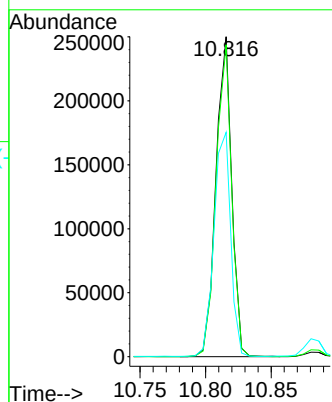
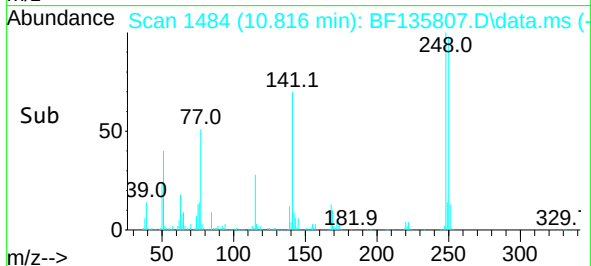


Tgt Ion:248 Resp: 208923
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 70.1 59.0 88.6

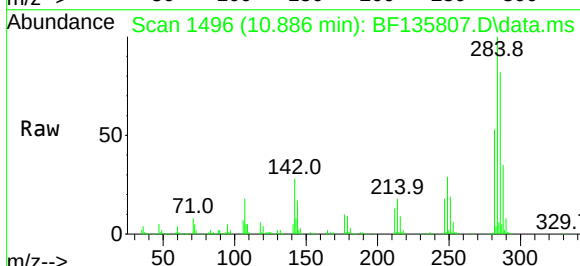
Manual Integrations

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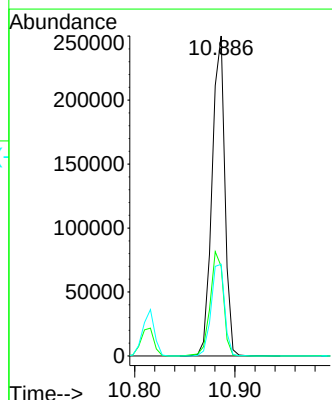
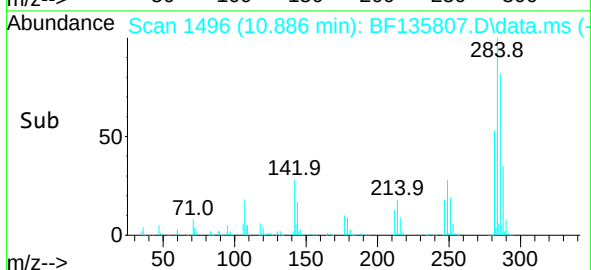
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

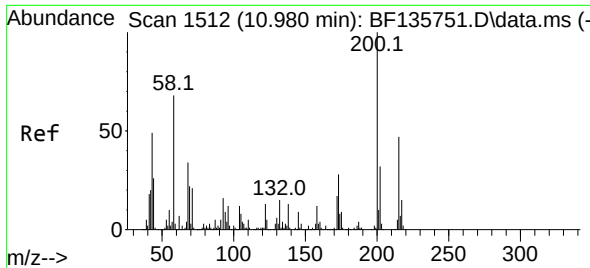


#68
Hexachlorobenzene
Concen: 44.853 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:284 Resp: 222215
Ion Ratio Lower Upper
284 100
142 28.0 25.3 37.9
249 28.6 23.5 35.3





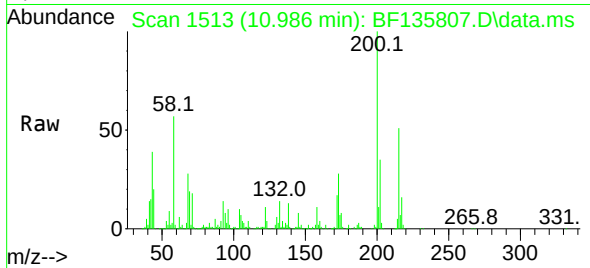
#69
 Atrazine
 Concen: 48.770 ng
 RT: 10.986 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

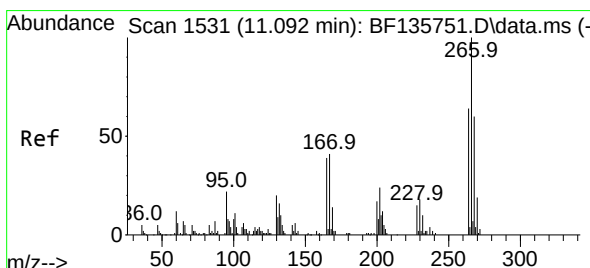
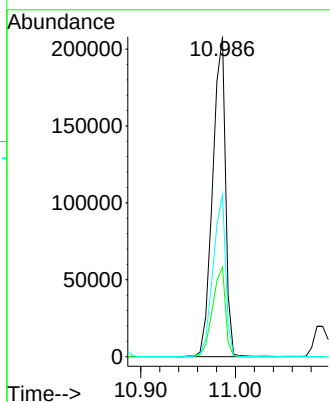
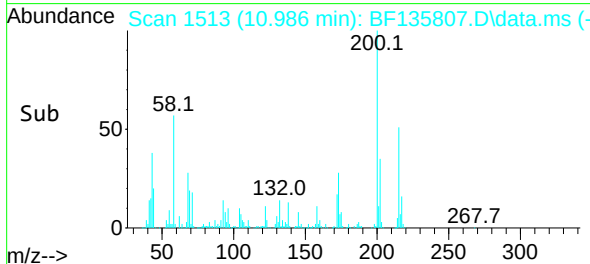


Tgt Ion:200 Resp: 196000
 Ion Ratio Lower Upper
 200 100
 173 27.9 7.6 47.6
 215 50.7 27.1 67.1

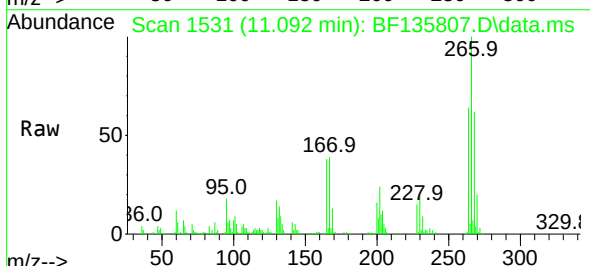
Manual Integrations

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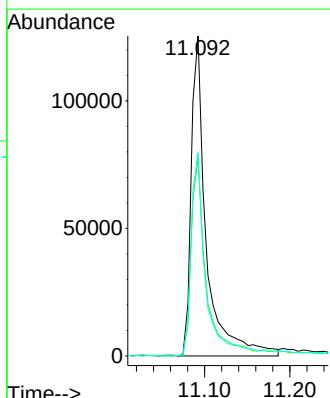
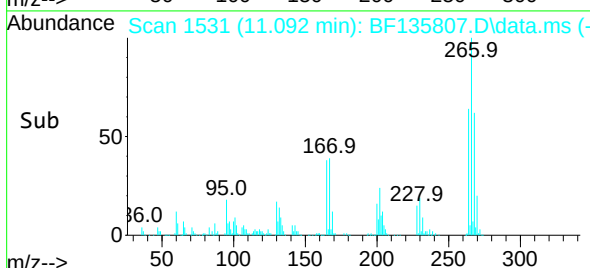
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

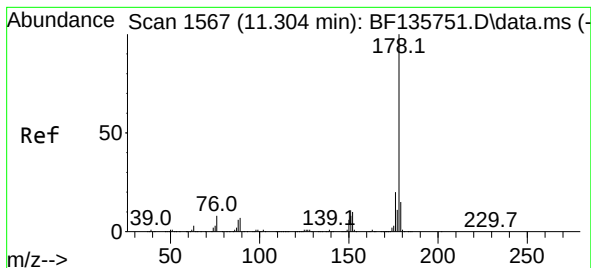


#70
 Pentachlorophenol
 Concen: 79.242 ng
 RT: 11.092 min Scan# 1531
 Delta R.T. -0.000 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29



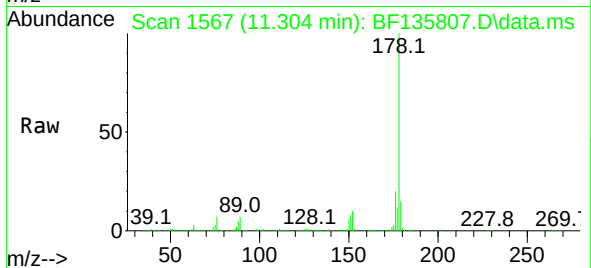
Tgt Ion:266 Resp: 154840
 Ion Ratio Lower Upper
 266 100
 268 62.0 47.7 71.5
 264 63.6 51.4 77.2





#71
Phenanthrene
Concen: 42.225 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

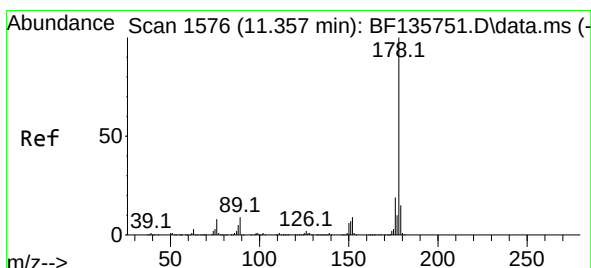
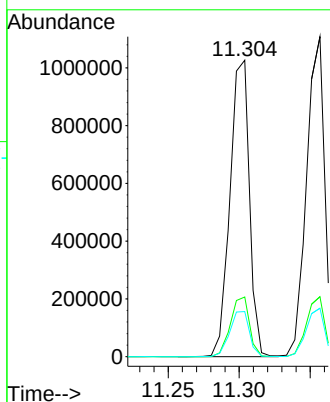
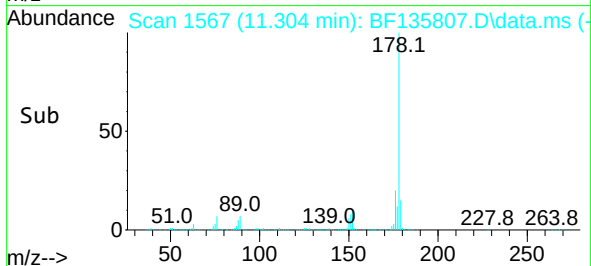
Instrument :
BNA_F
ClientSampleId :
PB156372BS



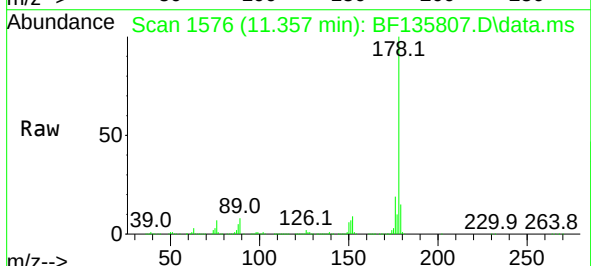
Tgt Ion:178 Resp: 98056
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.2 12.2 18.4

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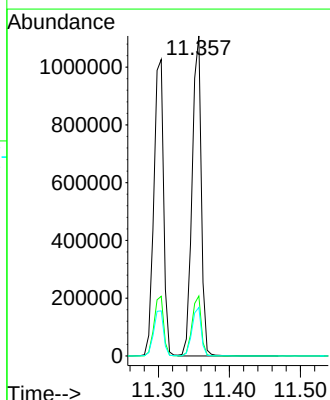
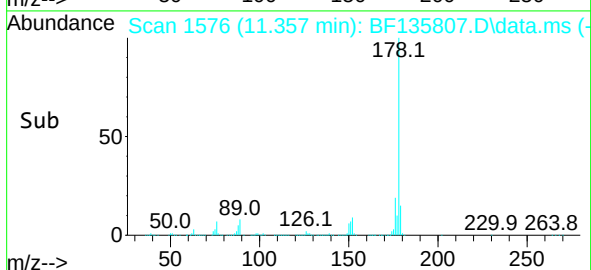
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

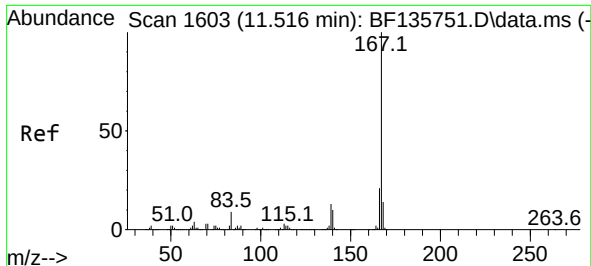


#72
Anthracene
Concen: 41.273 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



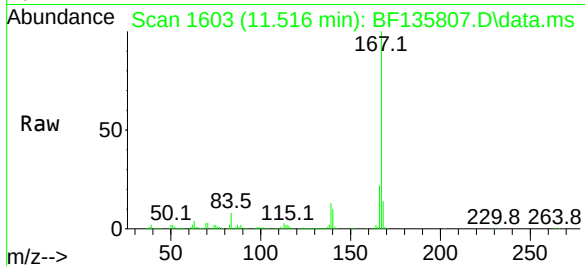
Tgt Ion:178 Resp: 993202
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.1 12.3 18.5





#73
 Carbazole
 Concen: 42.300 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29

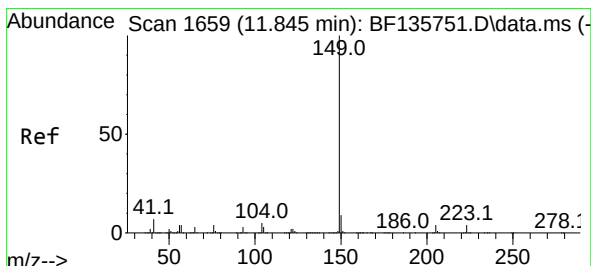
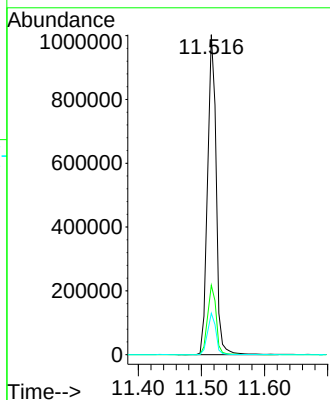
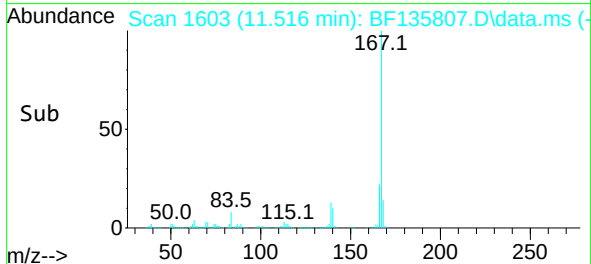
Instrument :
 BNA_F
 ClientSampleId :
 PB156372BS



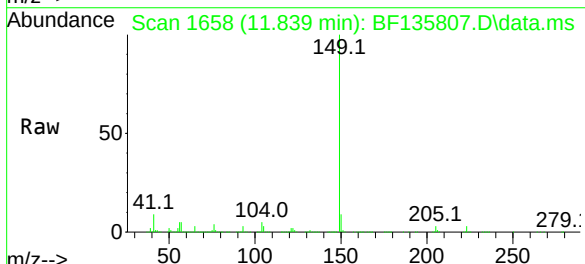
Tgt Ion:167 Resp: 949344
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.9 10.2 15.4

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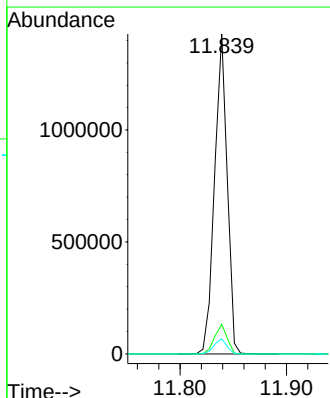
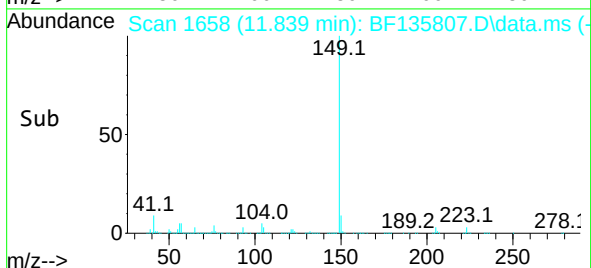
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

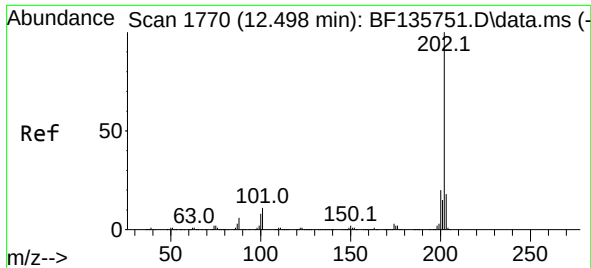


#74
 Di-n-butylphthalate
 Concen: 42.740 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135807.D
 Acq: 17 Oct 2023 12:29



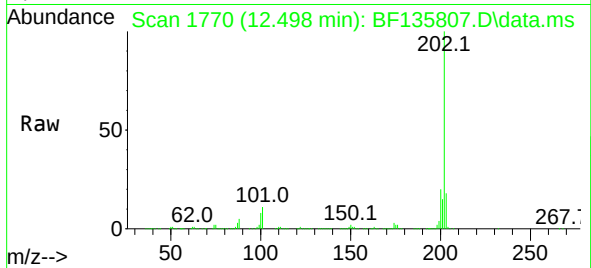
Tgt Ion:149 Resp: 1177686
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.7 5.5





#75
Fluoranthene
Concen: 42.525 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

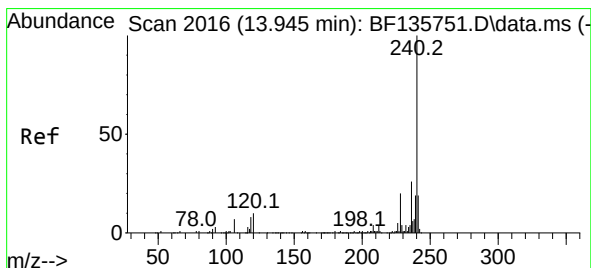
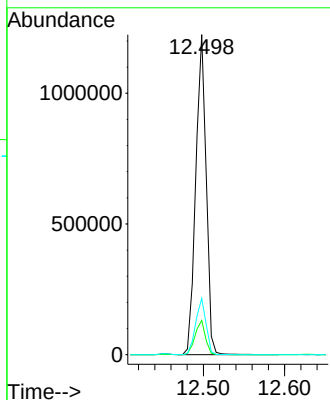
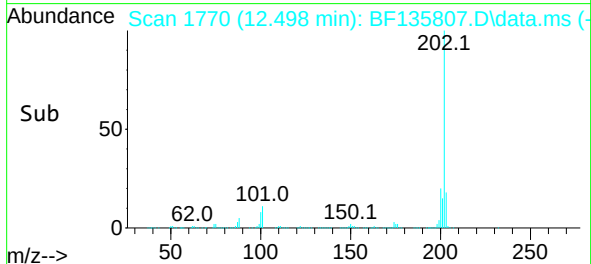
Instrument :
BNA_F
ClientSampleId :
PB156372BS



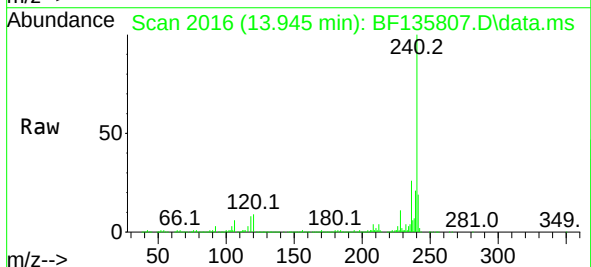
Tgt Ion:202 Resp: 109605
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.5
203 17.6 0.0 38.3

Manual Integrations
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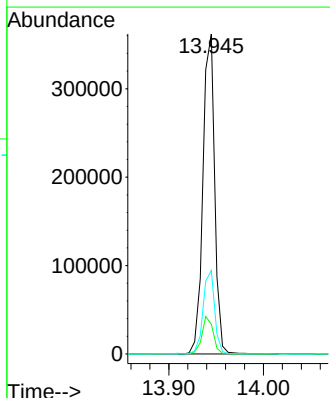
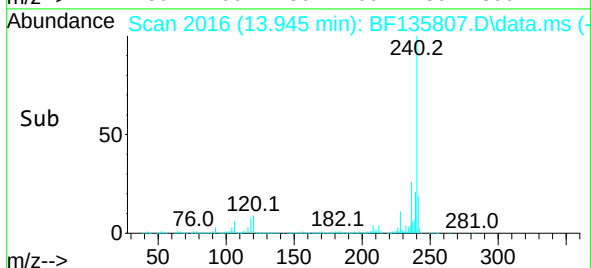
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

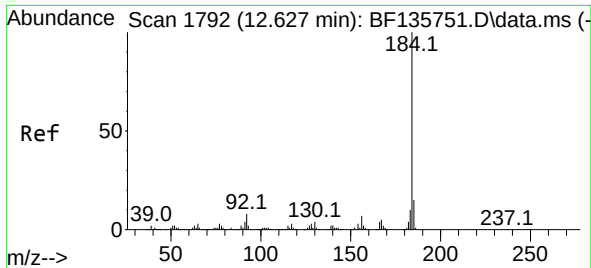


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



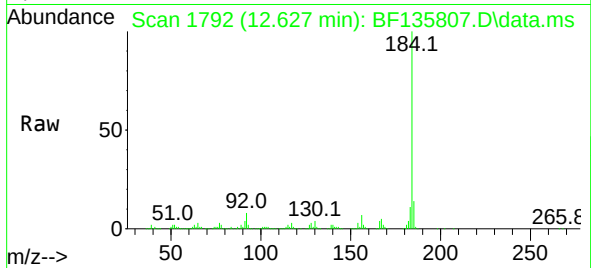
Tgt Ion:240 Resp: 312801
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 26.1 21.2 31.8





#77
Benzidine
Concen: 36.113 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

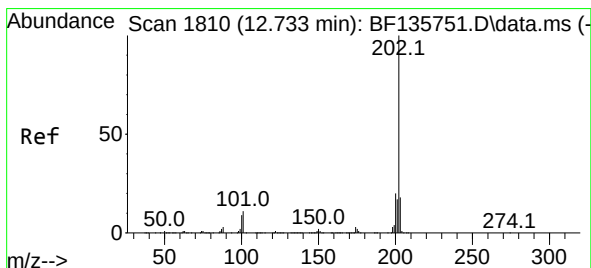
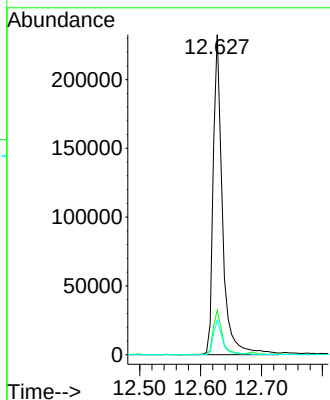
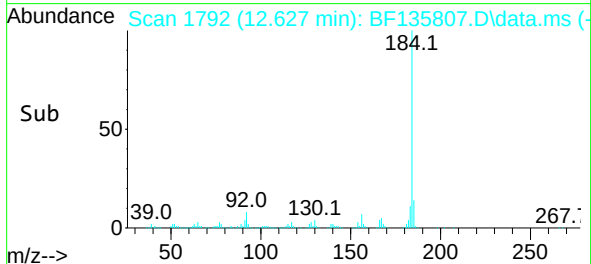
Instrument :
BNA_F
ClientSampleId :
PB156372BS



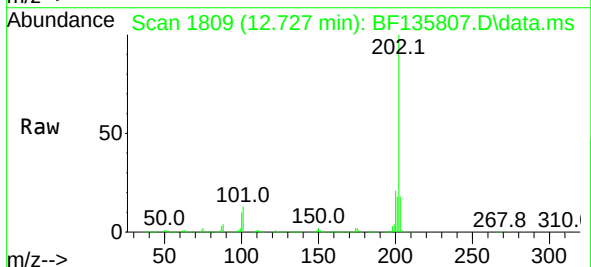
Tgt Ion:184 Resp: 24649
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 10.7 8.2 12.2

Manual Integrations
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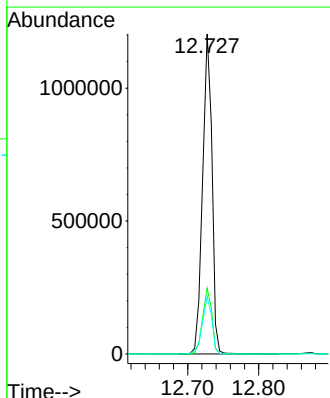
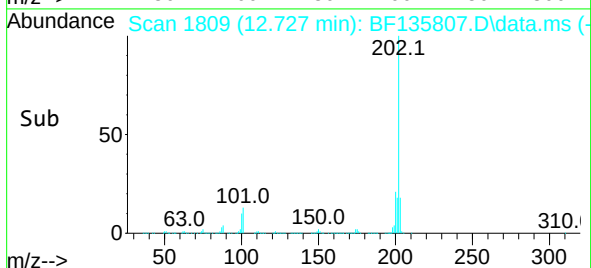
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

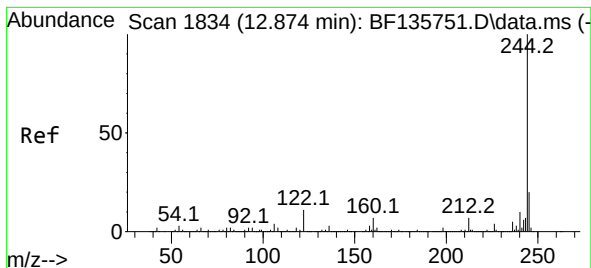


#78
Pyrene
Concen: 44.527 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:202 Resp: 1106801
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 84.980 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135807.D

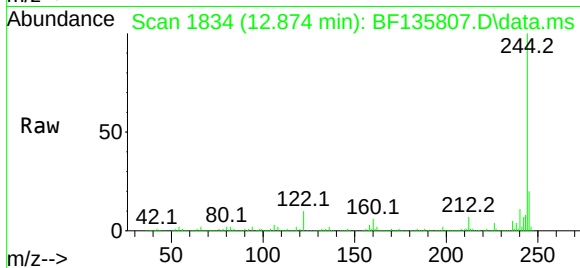
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS



Tgt Ion:244 Resp: 143538

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

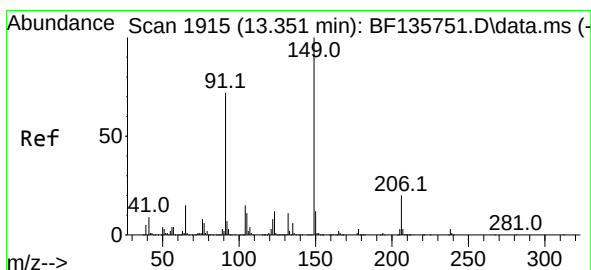
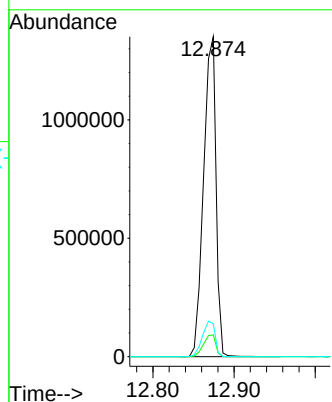
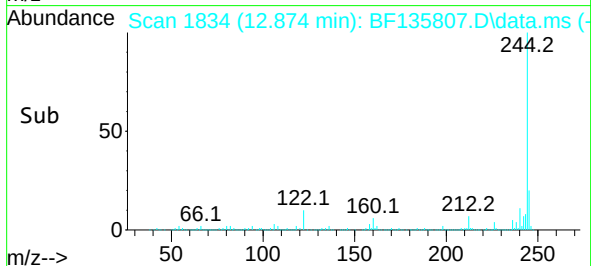
122 10.2 9.0 13.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#80

Butylbenzylphthalate

Concen: 46.022 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

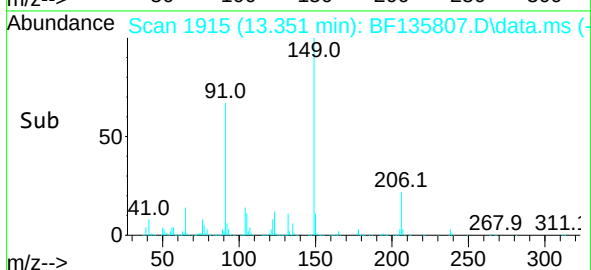
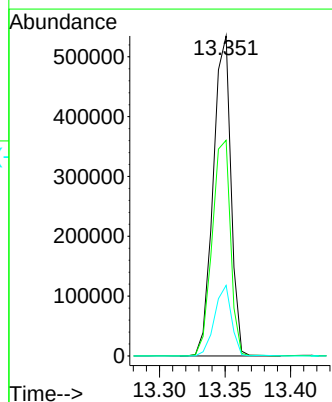
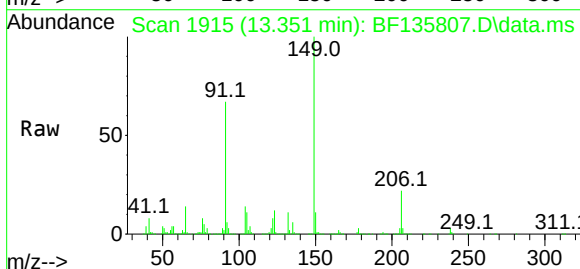
Tgt Ion:149 Resp: 502697

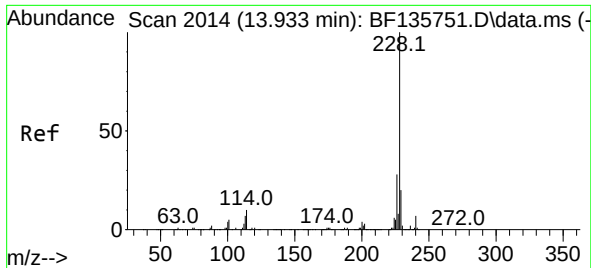
Ion Ratio Lower Upper

149 100

91 67.4 57.4 86.0

206 22.1 16.2 24.4





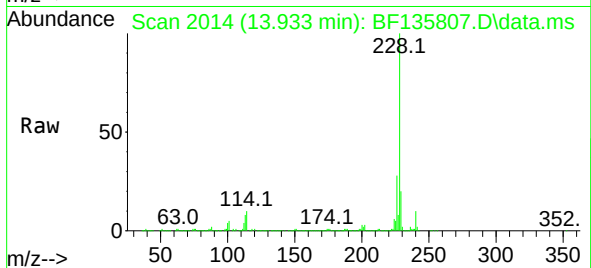
#81
Benzo(a)anthracene
Concen: 43.960 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS



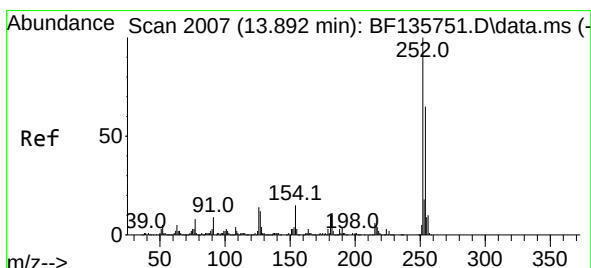
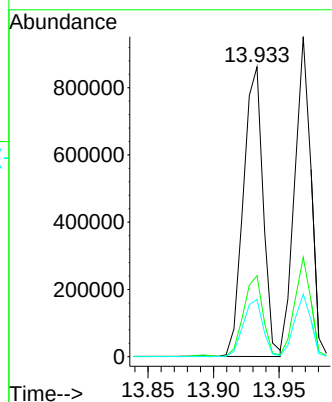
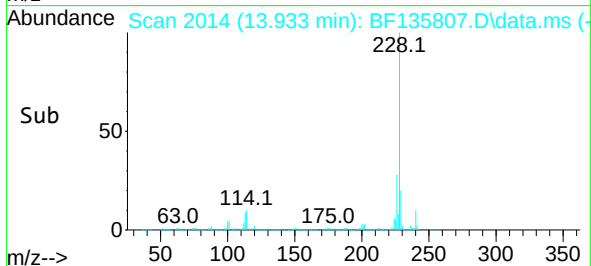
Tgt Ion:228 Resp: 903198
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.2
229 19.8 16.1 24.1

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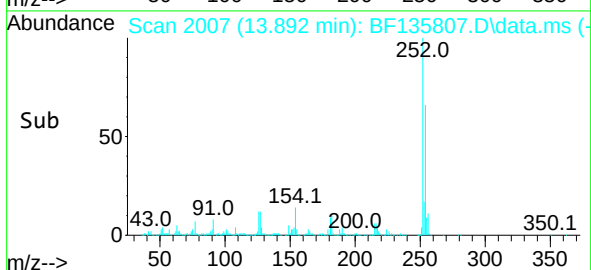
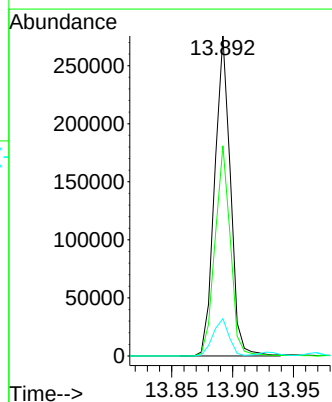
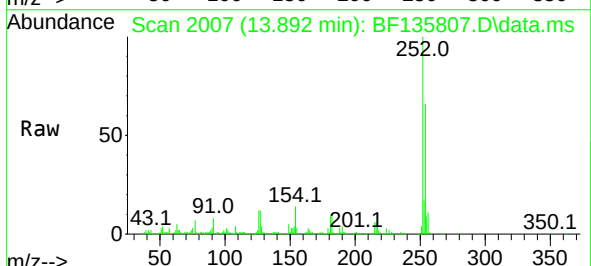
Reviewed By :Yogesh Patel 10/18/2023

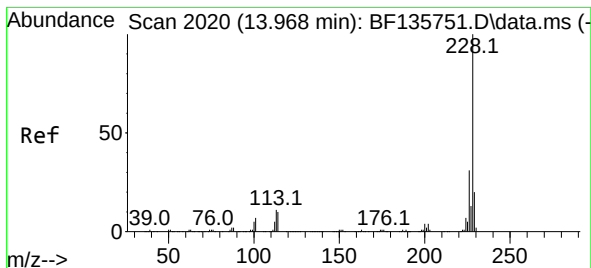
Supervised By :mohammad ahmed 10/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.313 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:252 Resp: 247439
Ion Ratio Lower Upper
252 100
254 65.7 51.8 77.6
126 11.7 11.0 16.4





#83

Chrysene

Concen: 41.308 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF135807.D

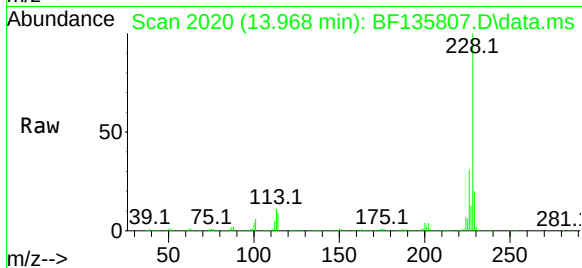
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS



Tgt Ion:228 Resp: 822049

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

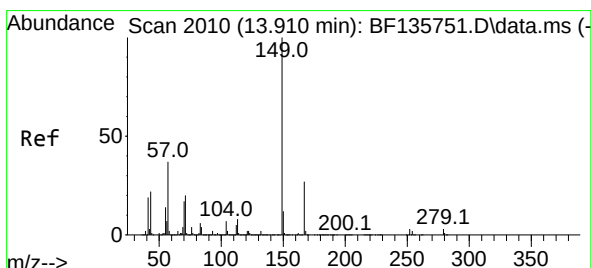
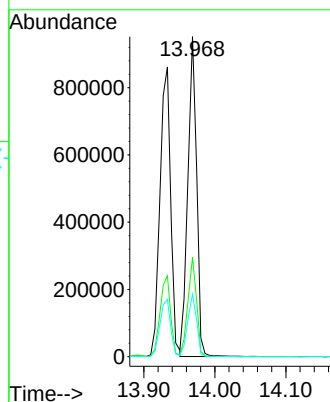
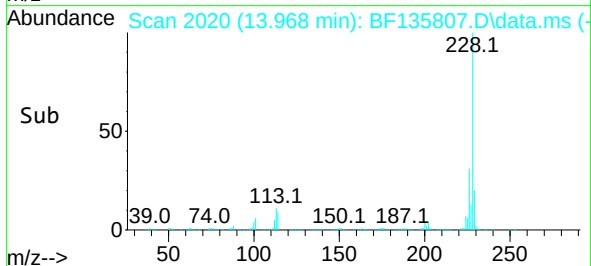
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.064 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

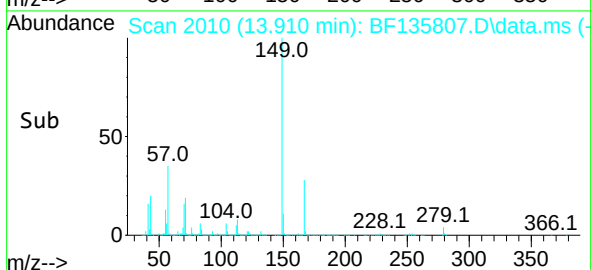
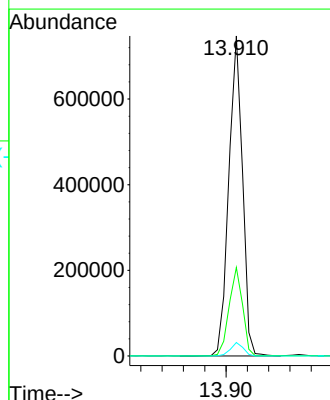
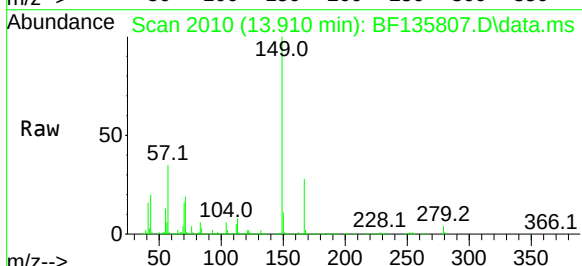
Tgt Ion:149 Resp: 667134

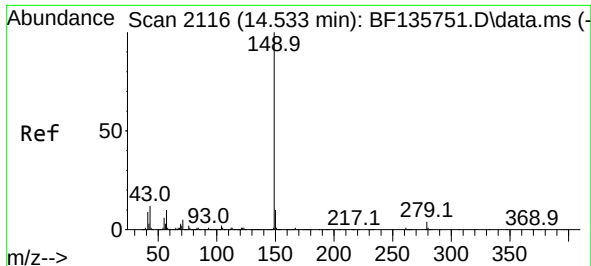
Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

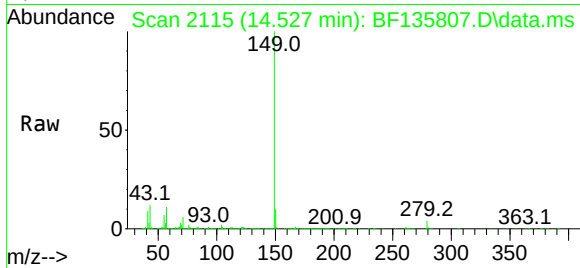
279 4.2 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 43.197 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

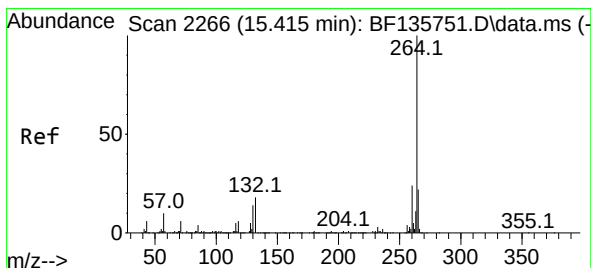
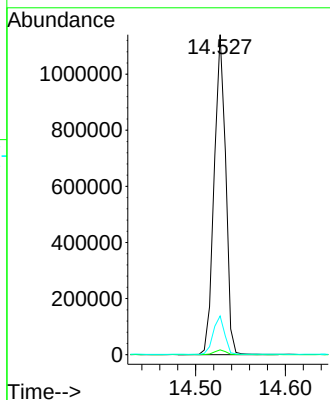
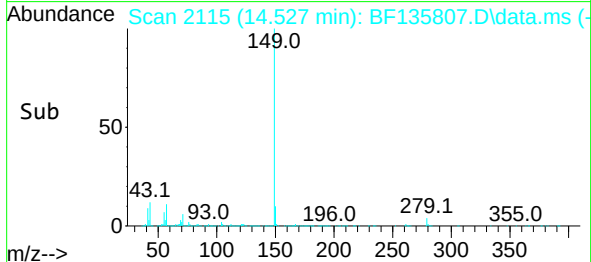
Instrument :
BNA_F
ClientSampleId :
PB156372BS



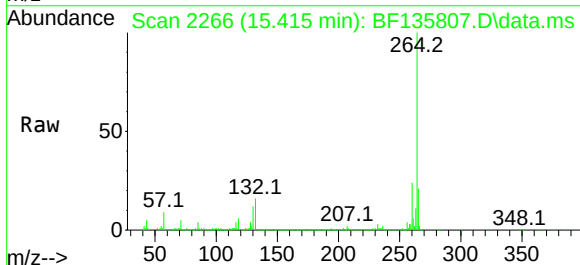
Tgt Ion:149 Resp: 101407
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 10.1 15.1

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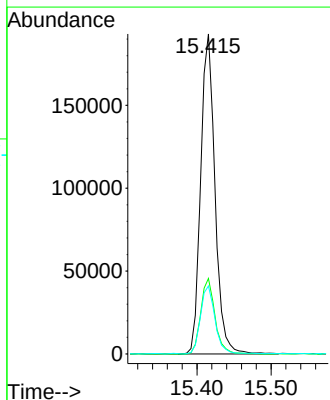
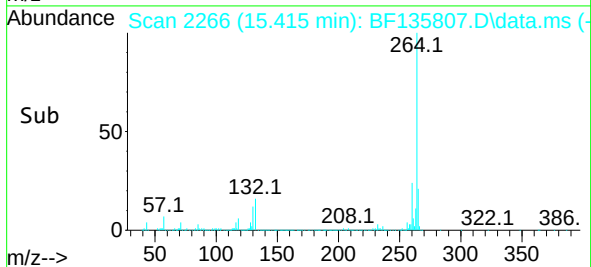
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

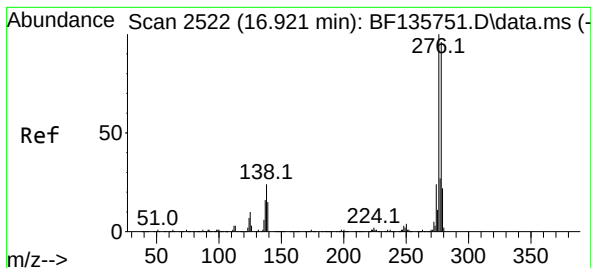


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29



Tgt Ion:264 Resp: 258668
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.714 ng

RT: 16.927 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

Tgt Ion:276 Resp: 686580

Ion Ratio Lower Upper

276 100

138 23.1 19.8 29.6

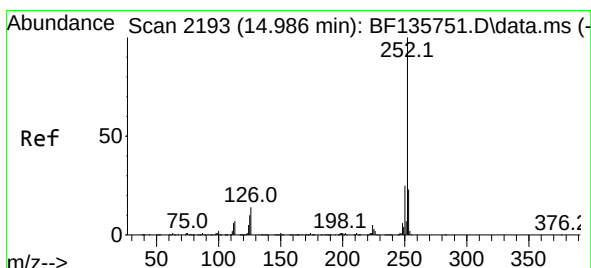
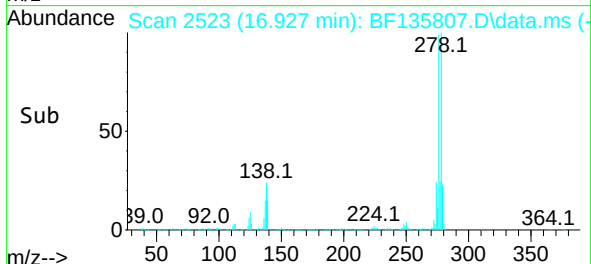
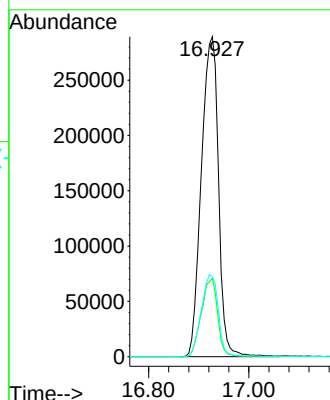
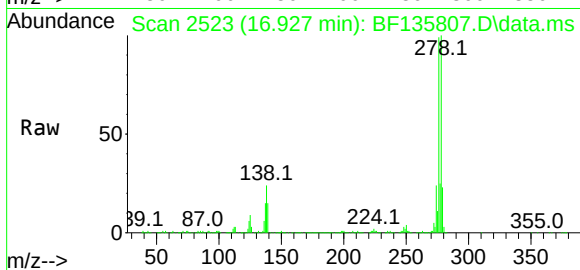
277 25.5 20.2 30.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#88

Benzo(b)fluoranthene

Concen: 49.462 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

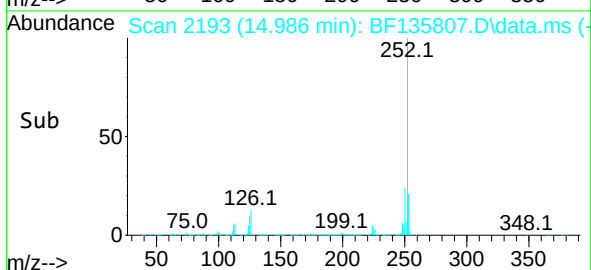
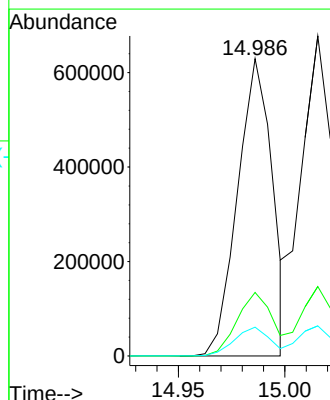
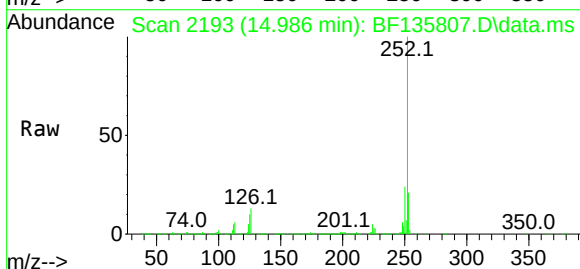
Tgt Ion:252 Resp: 716050

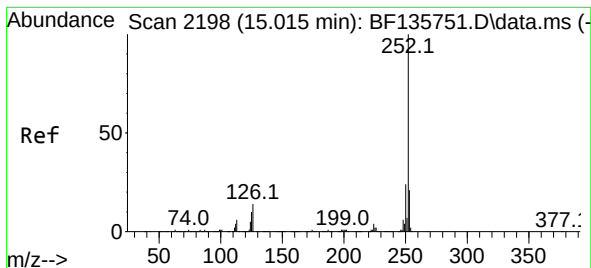
Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

125 9.7 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 50.247 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

ClientSampleId :

PB156372BS

Tgt Ion:252 Resp: 70621

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

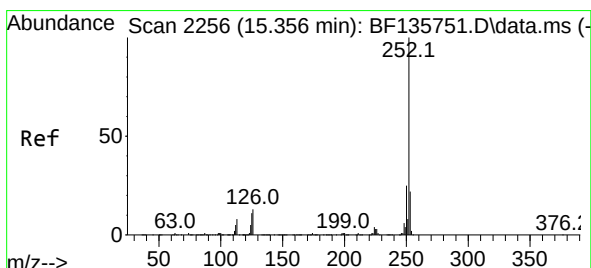
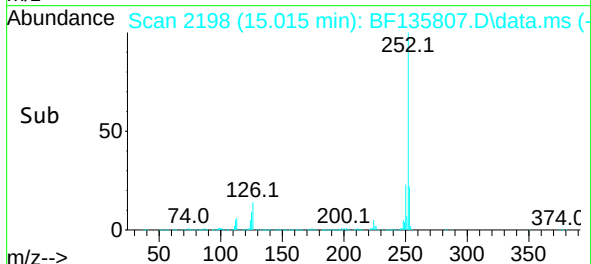
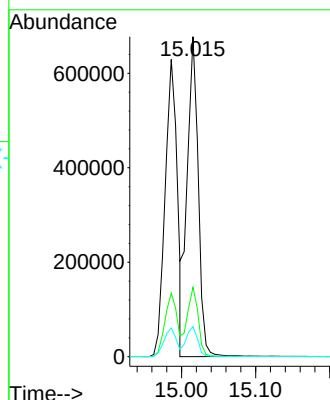
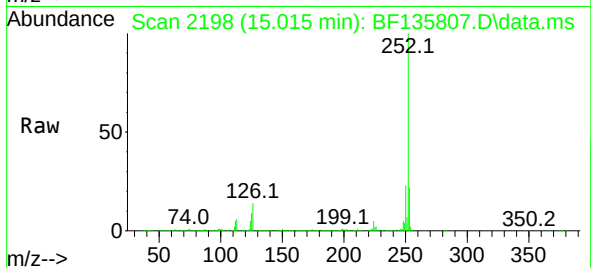
125 9.4 8.3 12.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#90

Benzo(a)pyrene

Concen: 42.273 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF135807.D

Acq: 17 Oct 2023 12:29

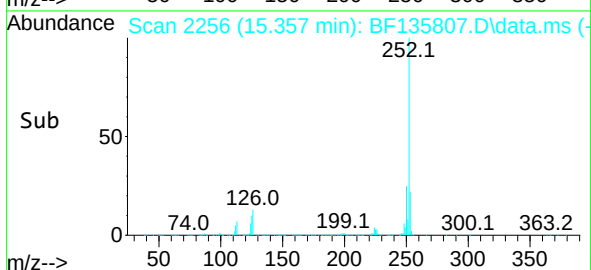
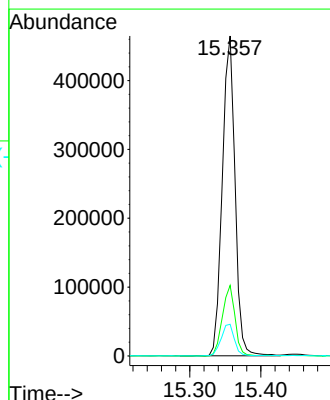
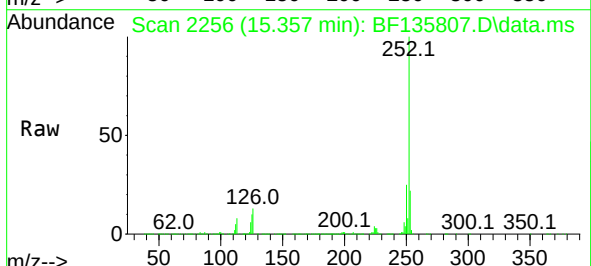
Tgt Ion:252 Resp: 575469

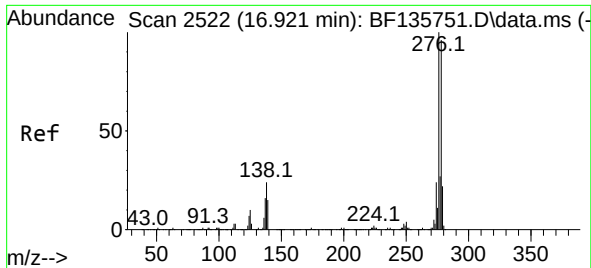
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 49.420 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Instrument :

BNA_F

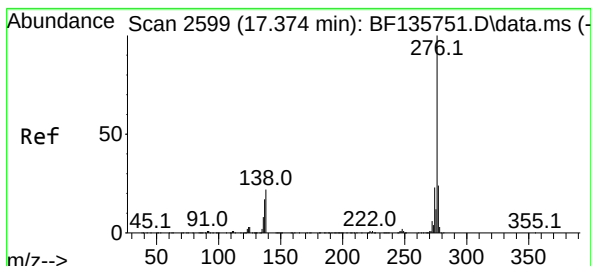
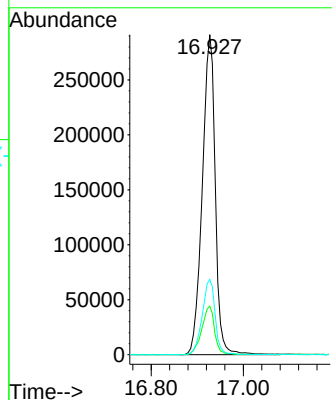
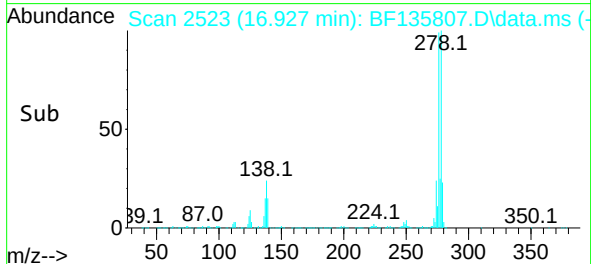
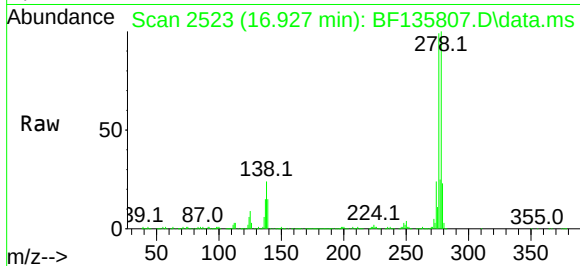
ClientSampleId :

PB156372BS

Tgt Ion:278 Resp: 57100
Ion Ratio Lower Upper
278 100
139 15.2 12.5 18.7
279 23.5 18.6 27.8

Manual Integrations
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Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#92
Benzo(g,h,i)perylene
Concen: 48.306 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135807.D
Acq: 17 Oct 2023 12:29

Tgt Ion:276 Resp: 573315
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 19.3 17.3 25.9

