

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135545.D
 Acq On : 03 Oct 2023 16:37
 Operator : CG\JU
 Sample : PB155919BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 07:02:58 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 04 06:58:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	147981	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	582201	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	291148	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	549617	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	282135	20.000	ng	0.00
86) Perylene-d12	15.386	264	271873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1242395	136.551	ng	0.02
7) Phenol-d6	6.398	99	1542624	133.339	ng	0.00
23) Nitrobenzene-d5	7.310	82	1014776	94.696	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	347789	120.205	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1694527	87.810	ng	0.00
79) Terphenyl-d14	12.863	244	1619117	88.962	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	194963	48.881	ng	93
3) Pyridine	3.281	79	506282	47.163	ng	95
4) n-Nitrosodimethylamine	3.240	42	315287	55.348	ng	93
6) Aniline	6.410	93	465544	30.686	ng	# 11
8) 2-Chlorophenol	6.528	128	529700	54.537	ng	99
9) Benzaldehyde	6.298	77	115771	17.566	ng	99
10) Phenol	6.410	94	597595	47.106	ng	86
11) bis(2-Chloroethyl)ether	6.487	93	511571	53.759	ng	97
12) 1,3-Dichlorobenzene	6.681	146	506453	51.308	ng	97
13) 1,4-Dichlorobenzene	6.757	146	512253	51.008	ng	99
14) 1,2-Dichlorobenzene	6.904	146	476998	51.146	ng	99
15) Benzyl Alcohol	6.893	79	435800	52.494	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	915794	51.057	ng	70
17) 2-Methylphenol	7.010	107	409789	47.811	ng	# 93
18) Hexachloroethane	7.240	117	196276	52.895	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	335427	46.809	ng	94
20) 3+4-Methylphenols	7.163	107	502071	48.715	ng	# 74
22) Acetophenone	7.151	105	663837	49.873	ng	92
24) Nitrobenzene	7.328	77	550121	51.938	ng	100
25) Isophorone	7.563	82	1038923	52.797	ng	97
26) 2-Nitrophenol	7.640	139	283485	55.766	ng	98
27) 2,4-Dimethylphenol	7.687	122	417862	48.903	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	641735	54.487	ng	99
29) 2,4-Dichlorophenol	7.887	162	414339	52.331	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	428863	51.821	ng	99
31) Naphthalene	8.039	128	1420907	50.231	ng	99
32) Benzoic acid	7.840	122	354438	55.086	ng	97
33) 4-Chloroaniline	8.098	127	389351	31.372	ng	99
34) Hexachlorobutadiene	8.151	225	238533	47.801	ng	99
35) Caprolactam	8.481	113	135722m	51.075	ng	
36) 4-Chloro-3-methylphenol	8.598	107	464350	52.768	ng	96
37) 2-Methylnaphthalene	8.734	142	902552	47.466	ng	99
38) 1-Methylnaphthalene	8.834	142	868604	48.792	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	419182	49.697	ng	99
41) Hexachlorocyclopentadiene	8.881	237	202324	56.797	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	283079	51.258	ng	99

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Quant Time: Oct 04 07:02:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	297859	46.834	ng	98
46) 1,1'-Biphenyl	9.198	154	1131669	50.579	ng	98
47) 2-Chloronaphthalene	9.228	162	856336	52.750	ng	100
48) 2-Nitroaniline	9.334	65	340592	54.004	ng	100
49) Acenaphthylene	9.639	152	1356416	50.276	ng	98
50) Dimethylphthalate	9.510	163	1001230	50.864	ng	100
51) 2,6-Dinitrotoluene	9.575	165	224149	51.980	ng	98
52) Acenaphthene	9.810	154	808854	50.750	ng	98
53) 3-Nitroaniline	9.745	138	196607	38.841	ng	99
54) 2,4-Dinitrophenol	9.869	184	233281	94.099	ng	94
55) Dibenzofuran	9.986	168	1143787	47.029	ng	99
56) 4-Nitrophenol	9.933	139	281321	87.447	ng	97
57) 2,4-Dinitrotoluene	9.986	165	258044	47.799	ng	# 78
58) Fluorene	10.333	166	906840	48.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	238766	48.804	ng	99
60) Diethylphthalate	10.210	149	981095	49.663	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	415936	46.310	ng	95
62) 4-Nitroaniline	10.369	138	253722	52.145	ng	97
63) Azobenzene	10.486	77	1008162	52.144	ng	100
65) 4,6-Dinitro-2-methylph...	10.404	198	157994	54.123	ng	88
66) n-Nitrosodiphenylamine	10.445	169	853616	51.301	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	268769	49.168	ng	97
68) Hexachlorobenzene	10.880	284	285861	51.331	ng	# 93
69) Atrazine	10.980	200	255505	57.068	ng	98
70) Pentachlorophenol	11.080	266	261362	78.442	ng	99
71) Phenanthrene	11.298	178	1323228	50.904	ng	99
72) Anthracene	11.351	178	1329942	49.774	ng	100
73) Carbazole	11.510	167	1305719	53.682	ng	99
74) Di-n-butylphthalate	11.839	149	1489325	51.963	ng	100
75) Fluoranthene	12.492	202	1424046	52.575	ng	100
77) Benzidine	12.616	184	492373	85.185	ng	99
78) Pyrene	12.722	202	1437448	53.514	ng	100
80) Butylbenzylphthalate	13.339	149	585063	61.863	ng	95
81) Benzo(a)anthracene	13.916	228	983948	54.009	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	253292	44.511	ng	# 98
83) Chrysene	13.957	228	937782	51.774	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	664619	68.482	ng	99
85) Di-n-octyl phthalate	14.516	149	904601	58.652	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	985646	55.293	ng	97
88) Benzo(b)fluoranthene	14.963	252	758466	51.535	ng	# 97
89) Benzo(k)fluoranthene	14.992	252	737381	50.720	ng	# 98
90) Benzo(a)pyrene	15.327	252	708860	50.506	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	792911	54.364	ng	98
92) Benzo(g,h,i)perylene	17.315	276	849598	55.775	ng	96

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

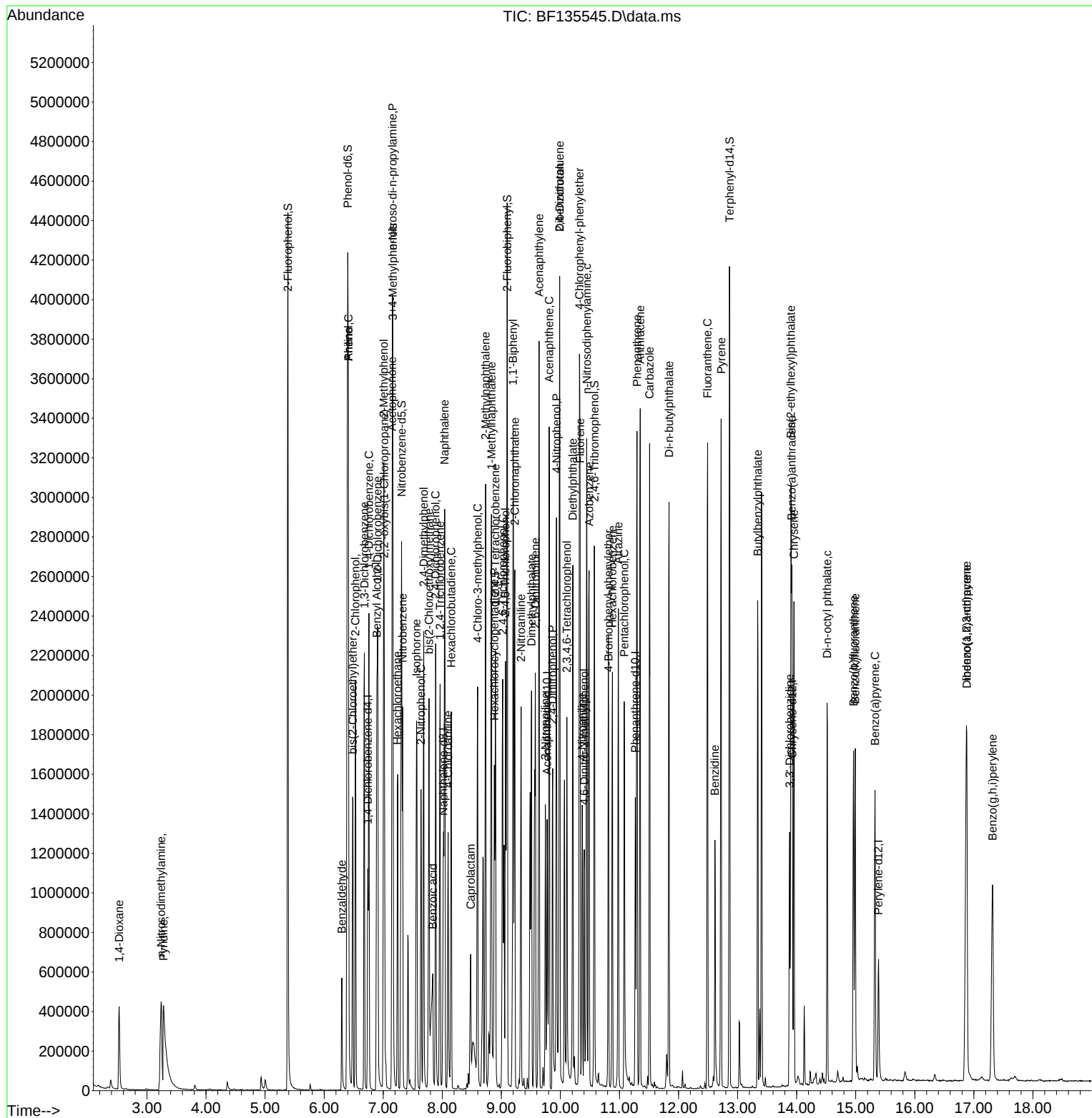
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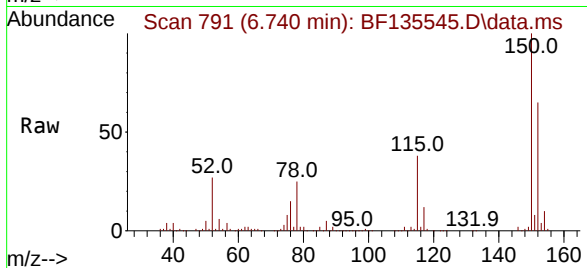
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

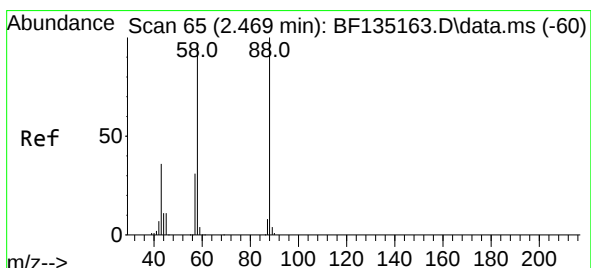
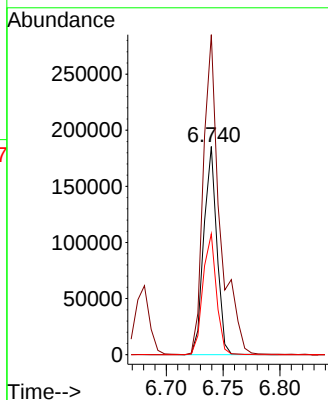
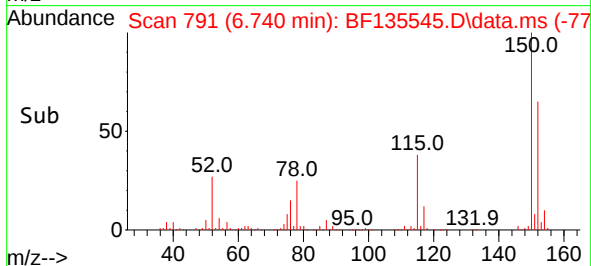
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BNA_F
ClientSampleId :
PB155919BS



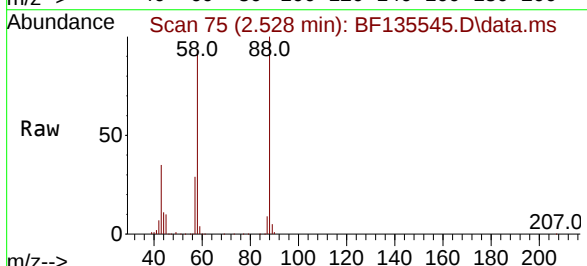
Tgt Ion:152 Resp: 14798
Ion Ratio Lower Upper
152 100
150 153.8 127.8 191.6
115 58.0 49.8 74.8

Manual Integrations
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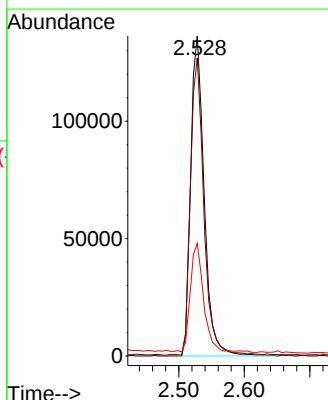
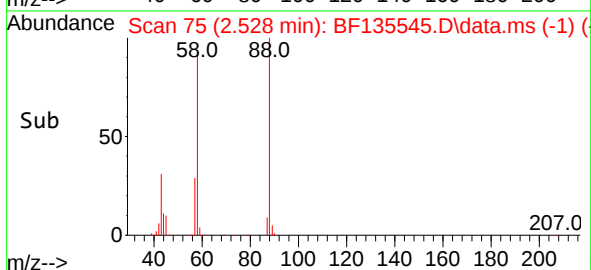
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#2
1,4-Dioxane
Concen: 48.881 ng
RT: 2.528 min Scan# 75
Delta R.T. 0.106 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



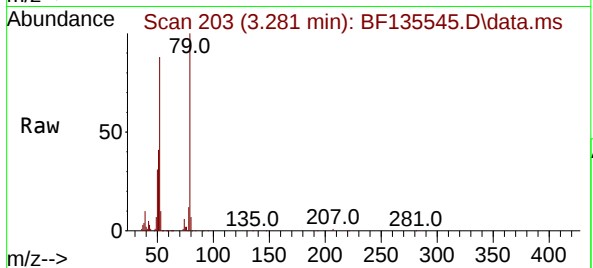
Tgt Ion: 88 Resp: 194963
Ion Ratio Lower Upper
88 100
58 91.6 78.3 117.5
43 32.4 29.4 44.0





#3
Pyridine
Concen: 47.163 ng
RT: 3.281 min Scan# 20
Delta R.T. 0.112 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

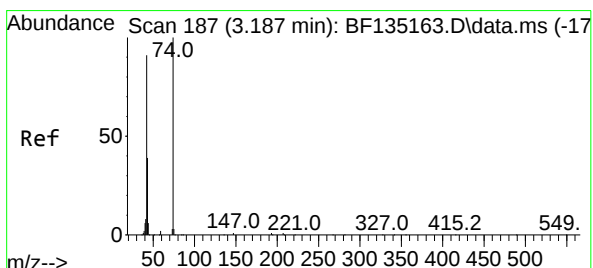
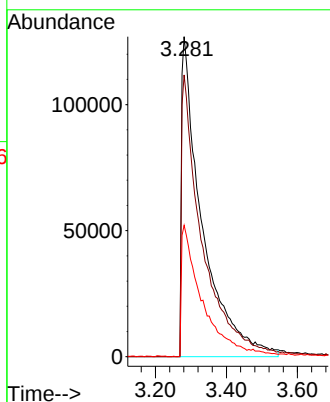
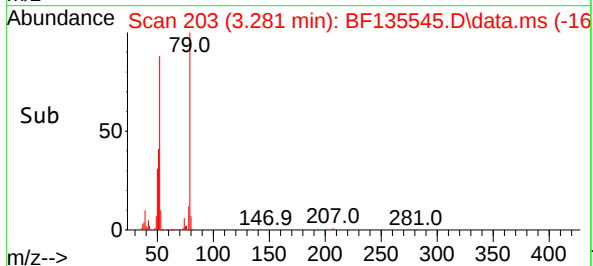
Instrument :
BNA_F
ClientSampleId :
PB155919BS



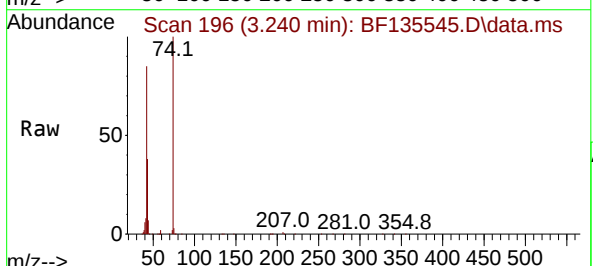
Tgt Ion: 79 Resp: 50628
Ion Ratio Lower Upper
79 100
52 88.0 74.1 111.1
51 41.0 35.8 53.8

Manual Integrations
APPROVED

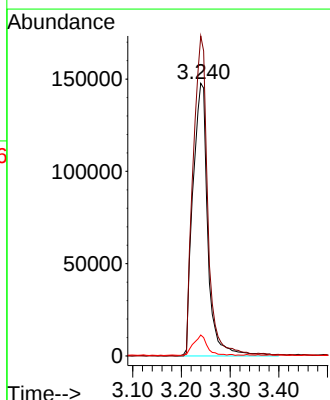
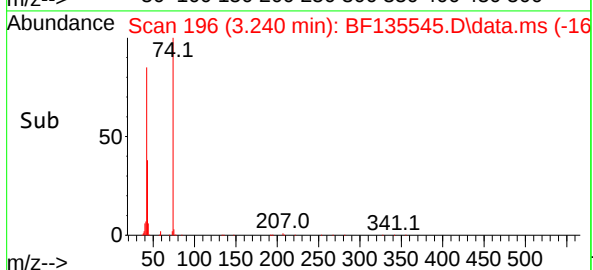
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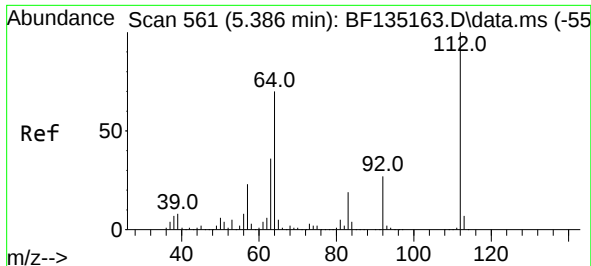


#4
n-Nitrosodimethylamine
Concen: 55.348 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.106 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



Tgt Ion: 42 Resp: 315287
Ion Ratio Lower Upper
42 100
74 117.4 87.7 131.5
44 7.7 5.6 8.4





#5
2-Fluorophenol
Concen: 136.551 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

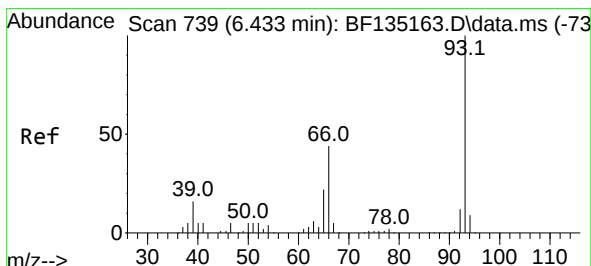
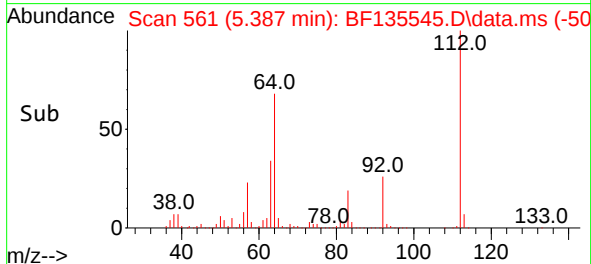
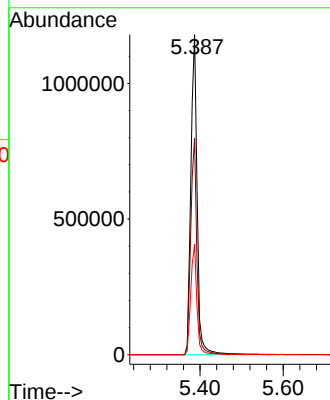
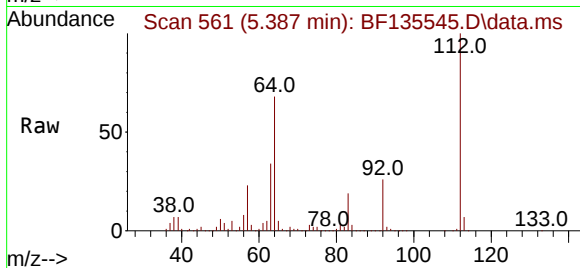
ClientSampleId :

PB155919BS

Tgt Ion:112 Resp: 124239
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 34.4 29.0 43.6

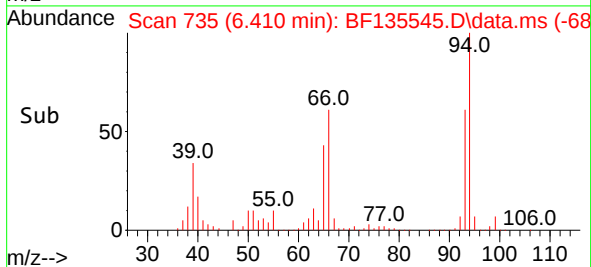
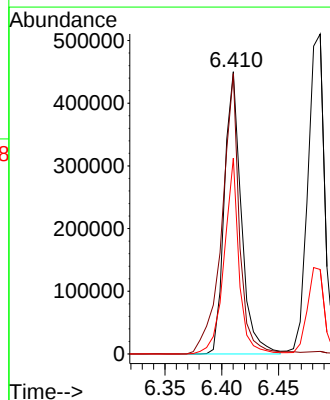
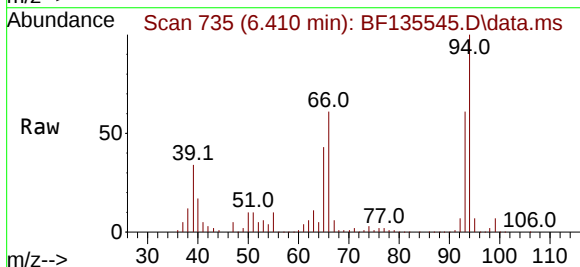
Manual Integrations
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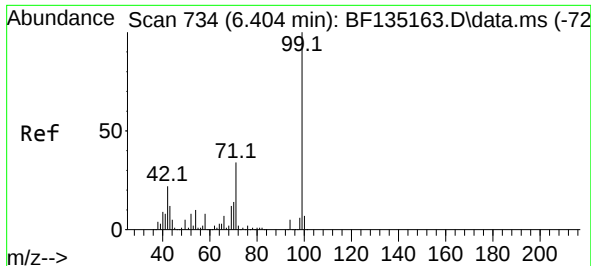
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#6
Aniline
Concen: 30.686 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion: 93 Resp: 465544
Ion Ratio Lower Upper
93 100
66 99.3 35.4 53.0#
65 69.4 17.8 26.8#





#7

Phenol-d6

Concen: 133.339 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Tgt Ion: 99 Resp: 1542624

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

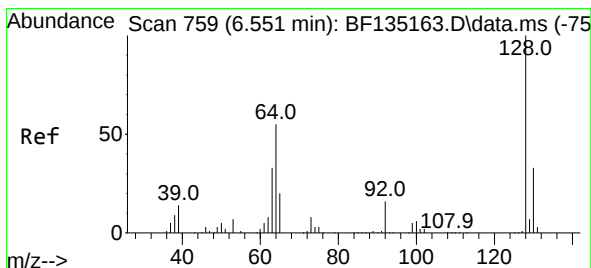
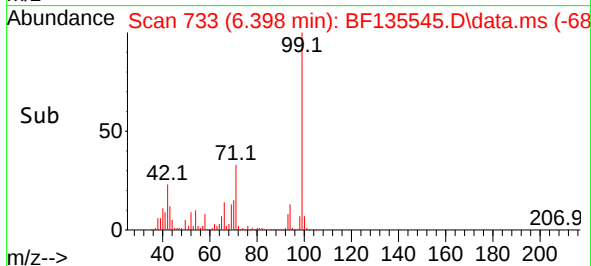
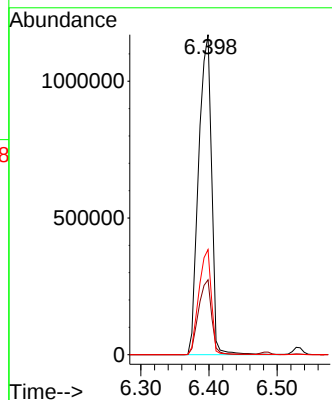
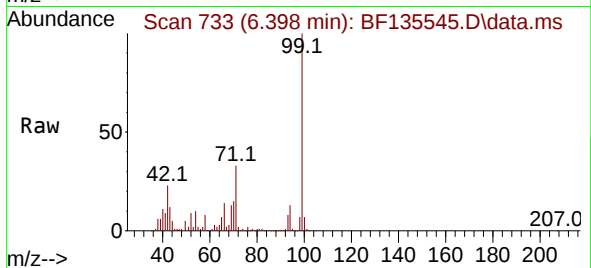
71 32.8 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#8

2-Chlorophenol

Concen: 54.537 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

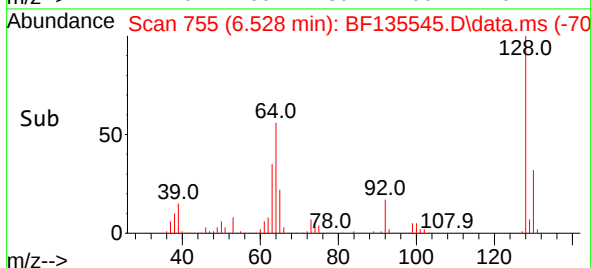
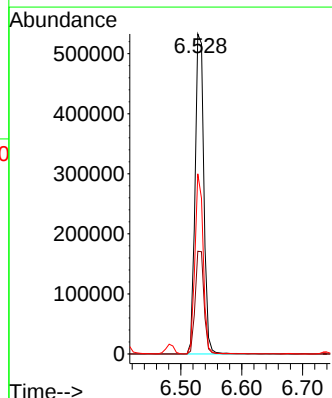
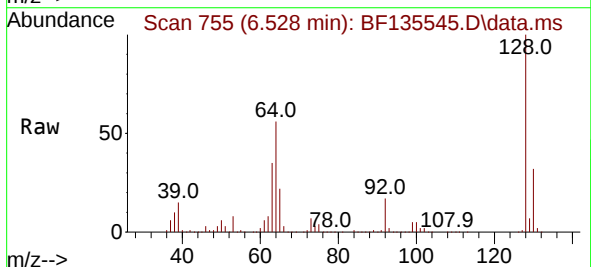
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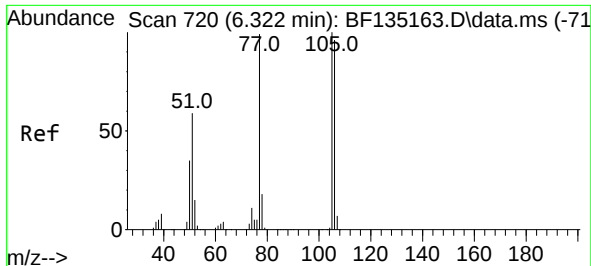
Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

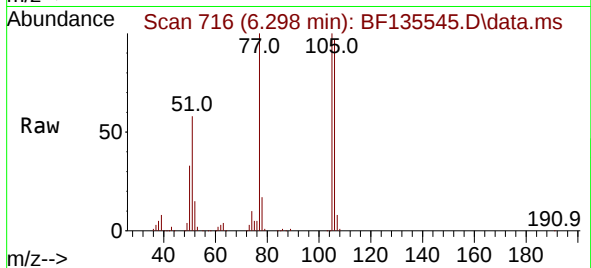
64 56.3 35.9 75.9





#9
Benzaldehyde
Concen: 17.566 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

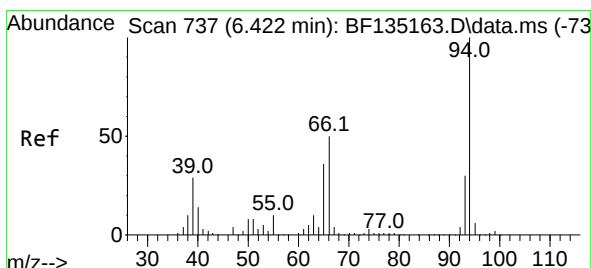
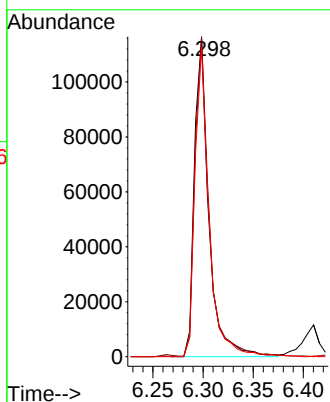
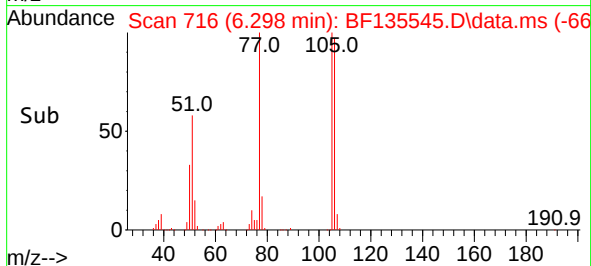
Instrument :
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Tgt Ion: 77 Resp: 11577
Ion Ratio Lower Upper
77 100
105 100.2 81.4 121.4
106 96.9 76.9 116.9

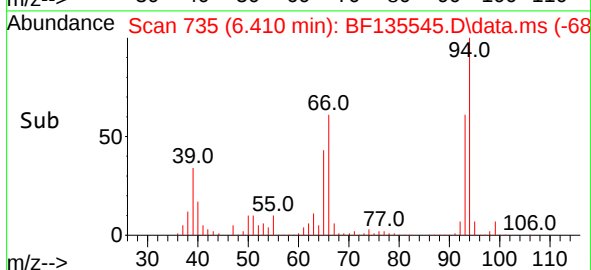
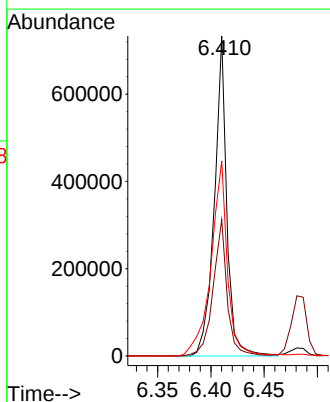
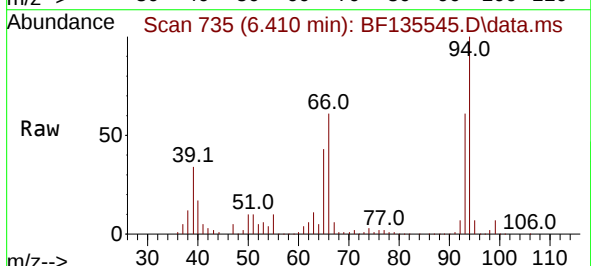
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#10
Phenol
Concen: 47.106 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion: 94 Resp: 597595
Ion Ratio Lower Upper
94 100
65 42.6 15.9 55.9
66 61.0 29.8 69.8





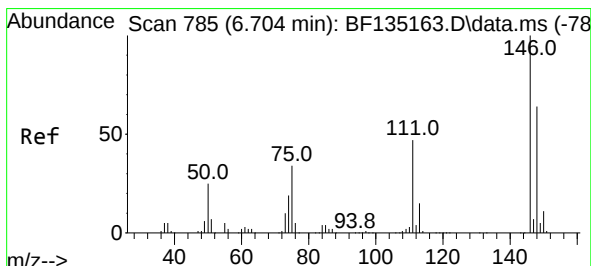
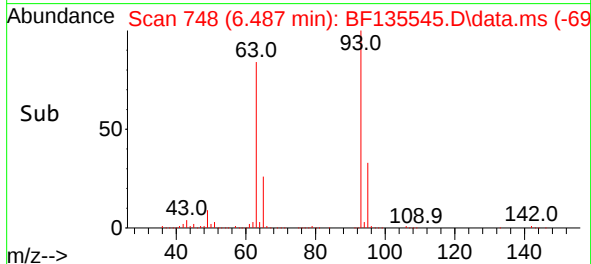
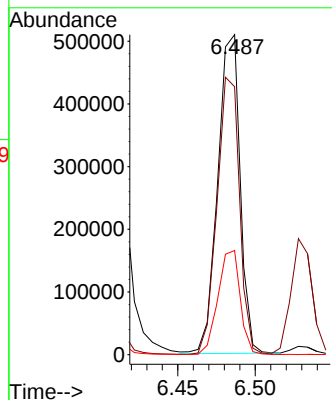
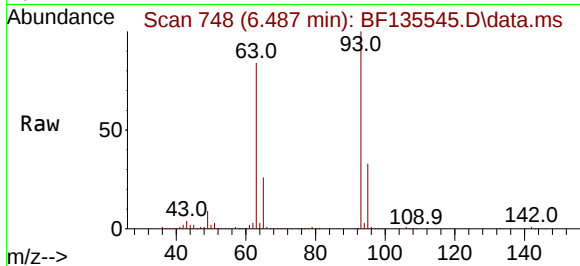
#11
bis(2-Chloroethyl)ether
Concen: 53.759 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :
BNA_F
ClientSampleId :
PB155919BS

Tgt Ion: 93 Resp: 51157
Ion Ratio Lower Upper
93 100
63 83.8 67.3 107.3
95 32.6 12.7 52.7

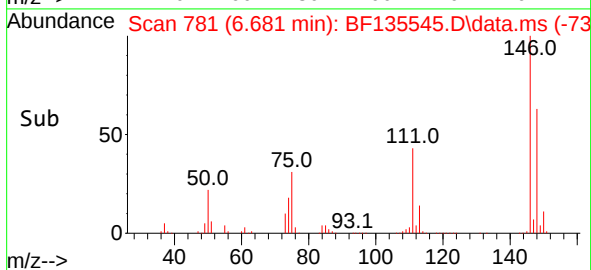
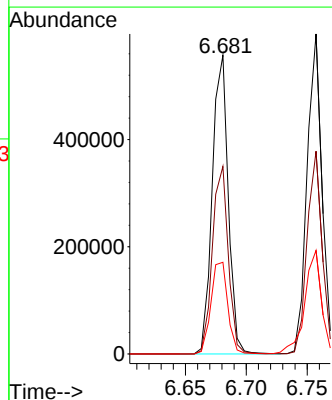
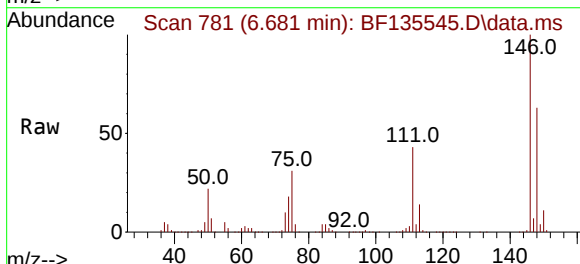
Manual Integrations
APPROVED

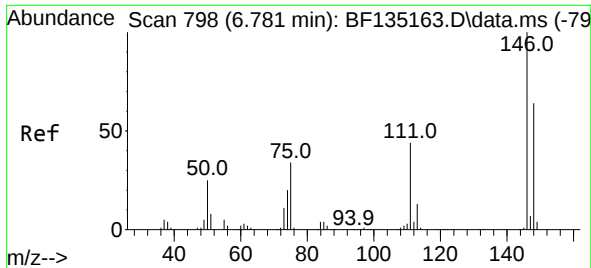
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#12
1,3-Dichlorobenzene
Concen: 51.308 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:146 Resp: 506453
Ion Ratio Lower Upper
146 100
148 62.8 51.3 76.9
75 30.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 51.008 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Tgt Ion:146 Resp: 51225

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

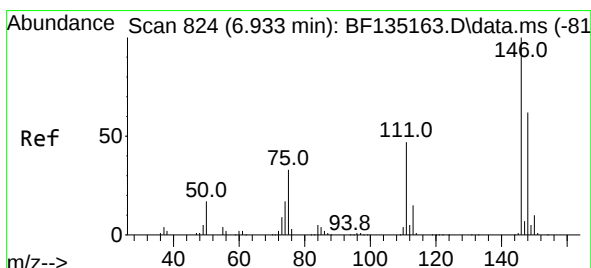
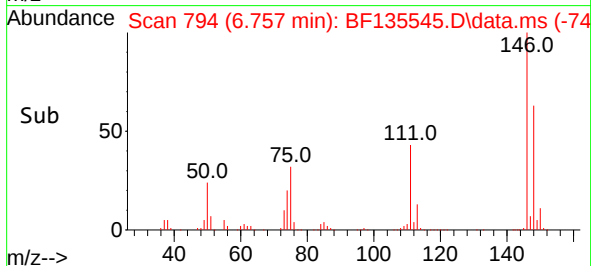
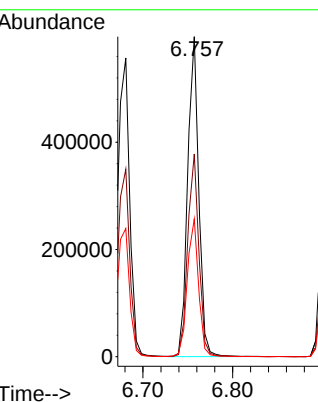
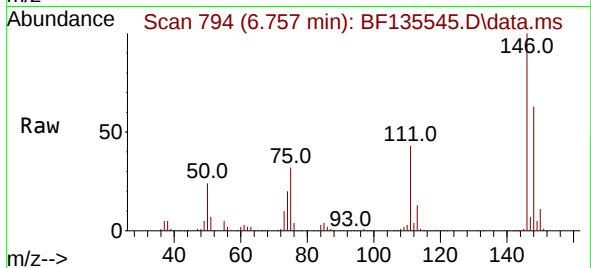
111 43.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#14

1,2-Dichlorobenzene

Concen: 51.146 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

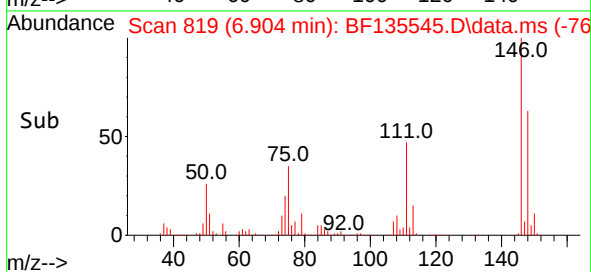
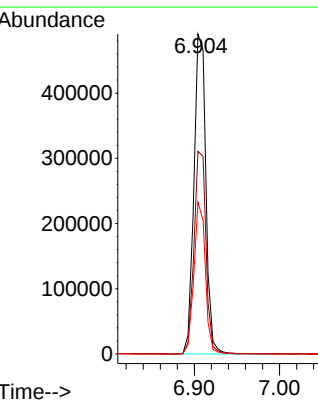
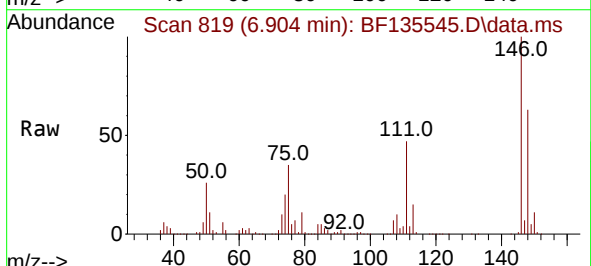
Tgt Ion:146 Resp: 476998

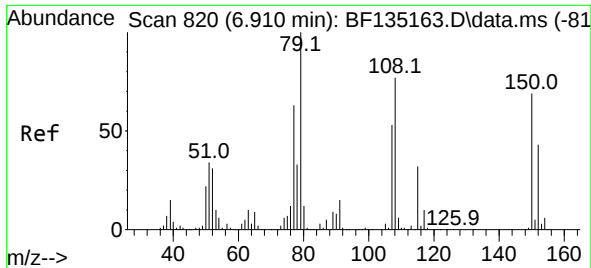
Ion Ratio Lower Upper

146 100

148 63.3 49.7 74.5

111 47.4 37.4 56.2





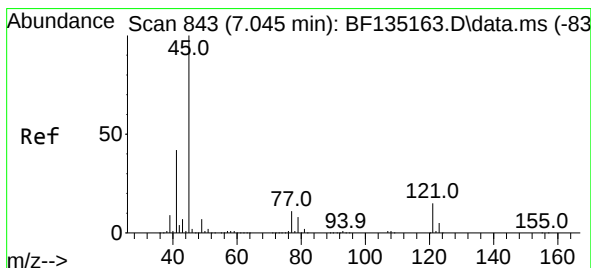
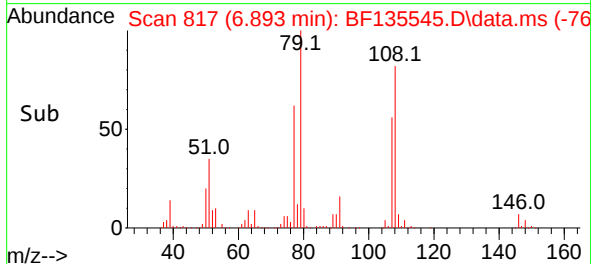
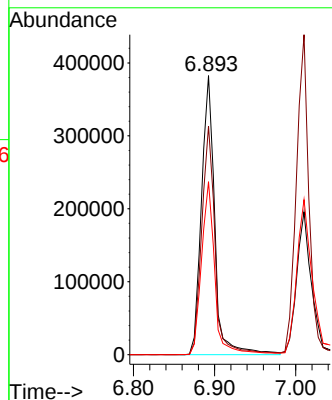
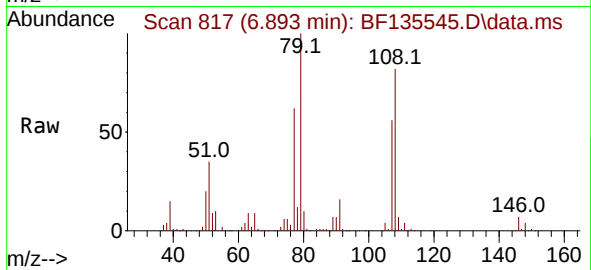
#15
Benzyl Alcohol
Concen: 52.494 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :
BNA_F
ClientSampleId :
PB155919BS

Tgt Ion: 79 Resp: 435800
Ion Ratio Lower Upper
79 100
108 82.0 61.2 91.8
77 62.0 50.5 75.7

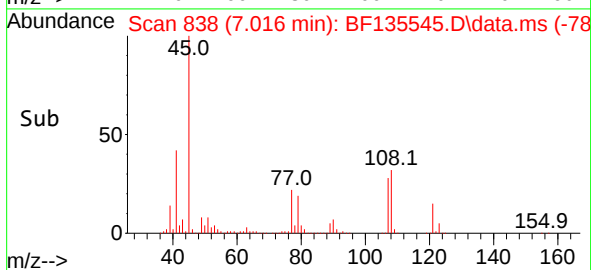
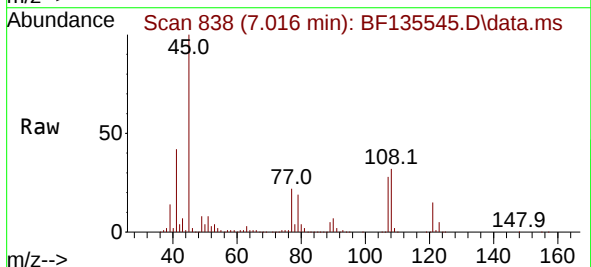
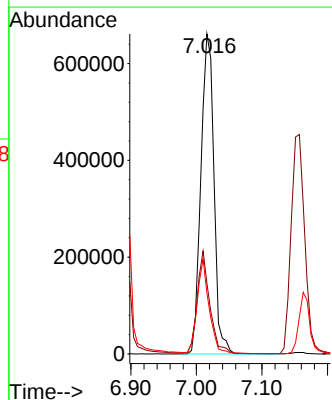
Manual Integrations
APPROVED

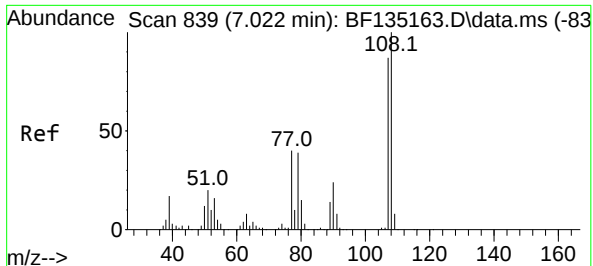
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.057 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion: 45 Resp: 915794
Ion Ratio Lower Upper
45 100
77 22.1 0.0 30.6
79 18.9 0.0 28.3





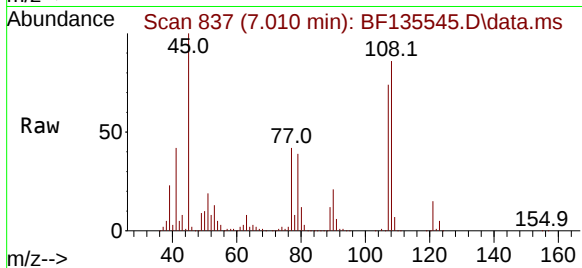
#17
2-Methylphenol
Concen: 47.811 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

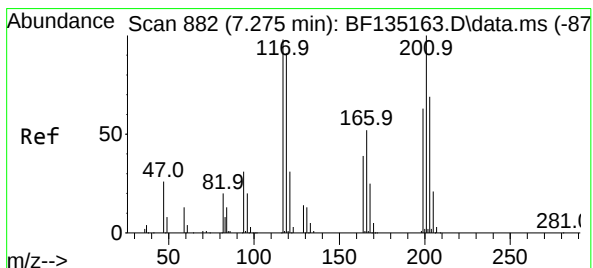
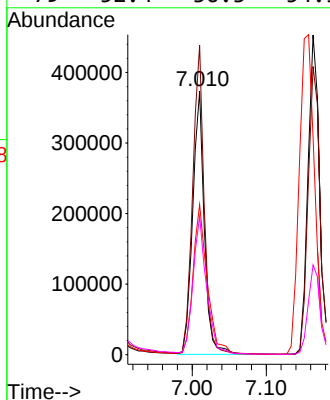
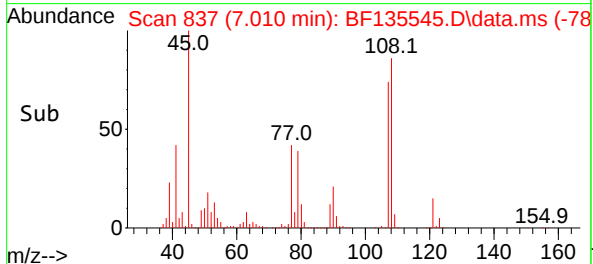


Tgt Ion:107 Resp: 409789
Ion Ratio Lower Upper
107 100
108 117.4 92.0 138.0
77 56.9 36.7 55.1
79 52.4 36.3 54.5

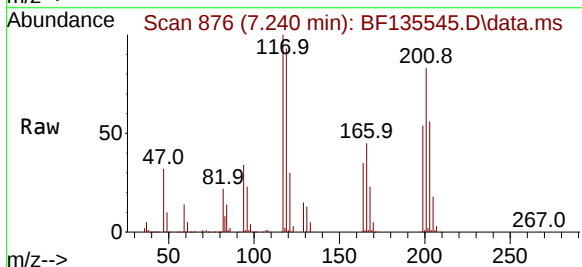
Manual Integrations

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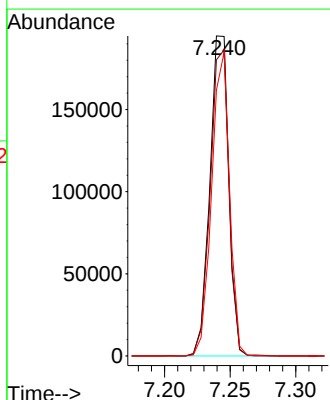
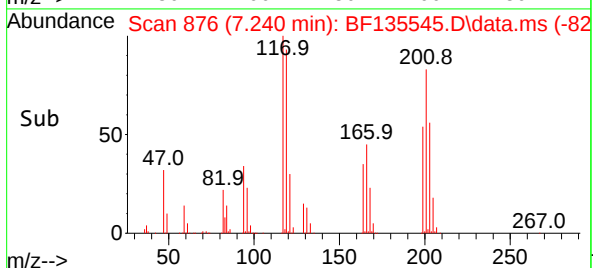
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#18
Hexachloroethane
Concen: 52.895 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



Tgt Ion:117 Resp: 196276
Ion Ratio Lower Upper
117 100
119 92.6 74.7 112.1
201 83.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.809 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135545.D

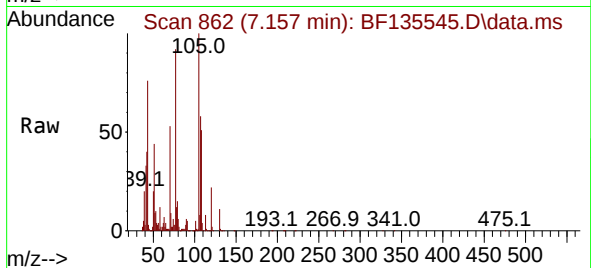
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS



Tgt Ion: 70 Resp: 33542

Ion Ratio Lower Upper

70 100

42 75.8 55.4 83.0

101 9.6 7.7 11.5

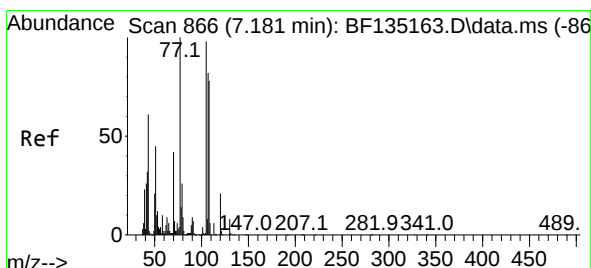
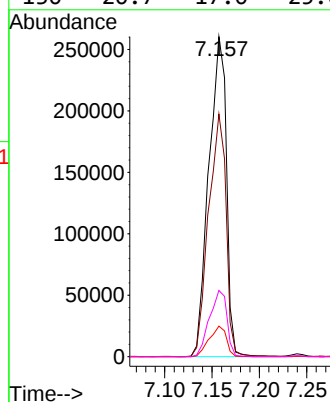
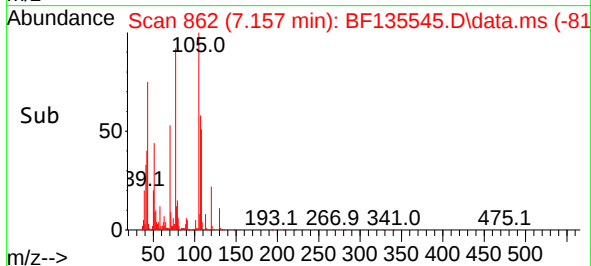
130 20.7 17.0 25.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#20

3+4-Methylphenols

Concen: 48.715 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Tgt Ion:107 Resp: 502071

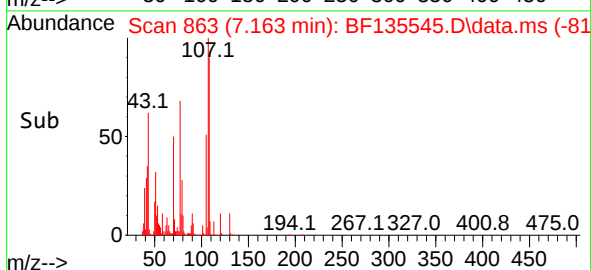
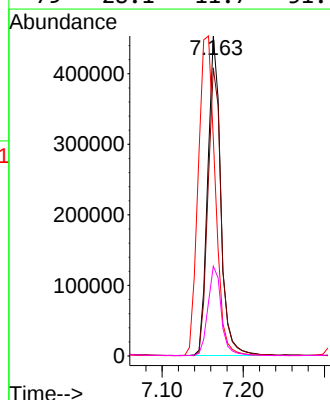
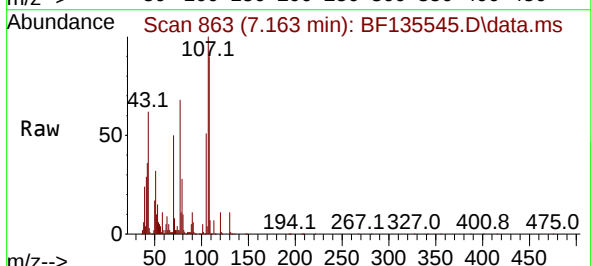
Ion Ratio Lower Upper

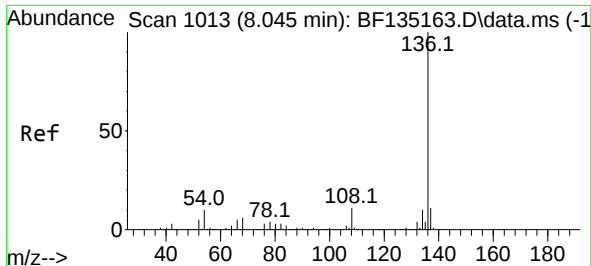
107 100

108 90.1 74.7 114.7

77 67.9 102.0 142.0#

79 28.1 11.7 51.7





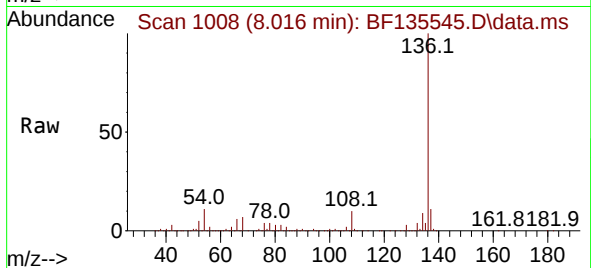
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

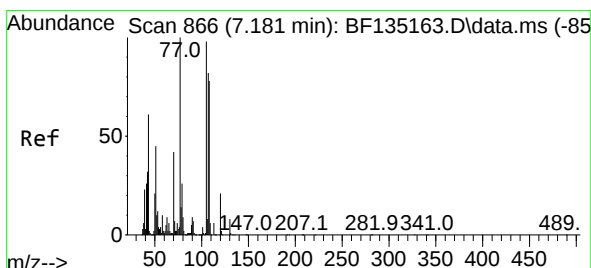
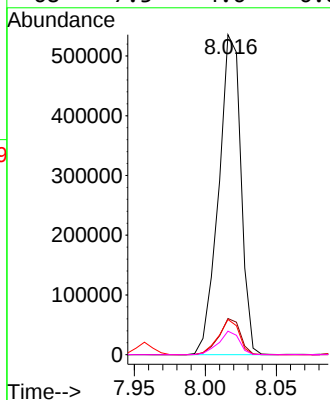
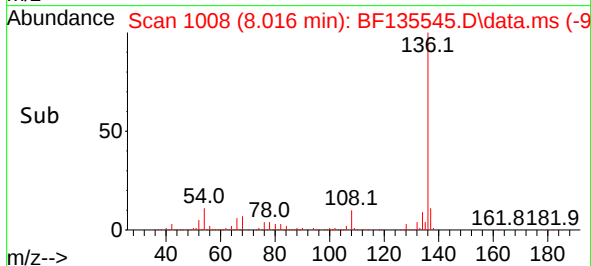


Tgt Ion:136 Resp: 58220
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.0 7.7 11.5
68 7.3 4.6 6.8#

Manual Integrations

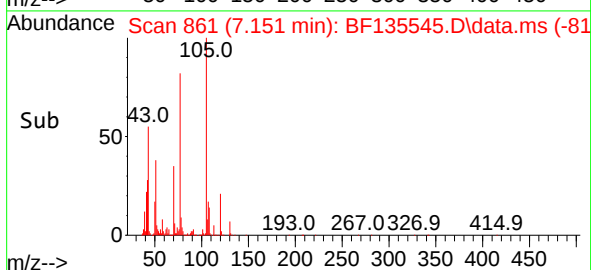
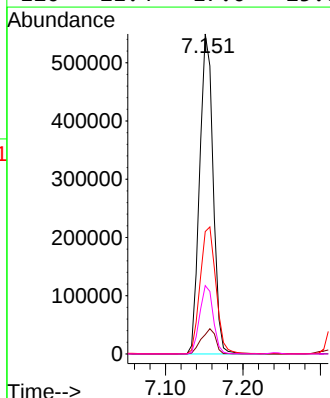
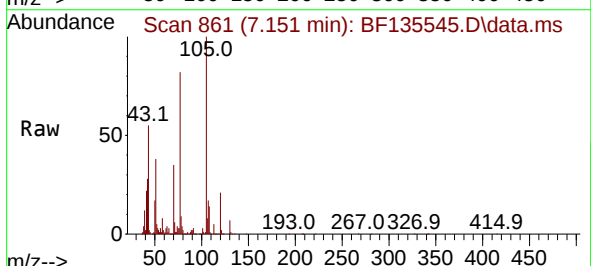
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#22
Acetophenone
Concen: 49.873 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:105 Resp: 663837
Ion Ratio Lower Upper
105 100
71 6.0 5.8 8.6
51 38.3 37.0 55.4
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 94.696 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Tgt Ion: 82 Resp: 1014770

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.6

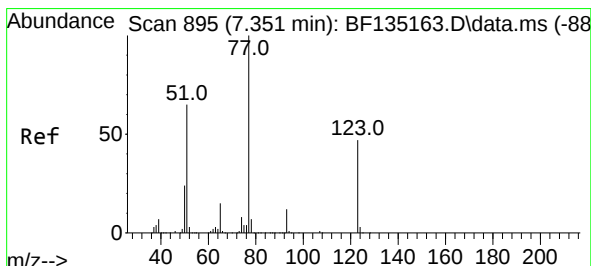
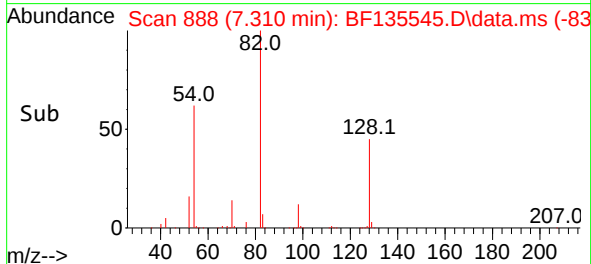
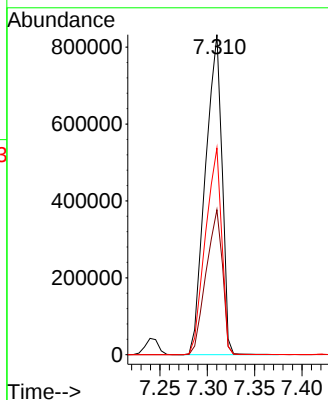
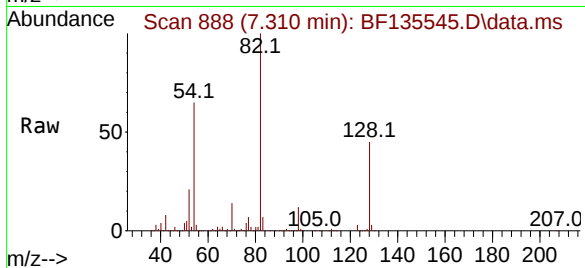
54 64.6 50.6 76.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#24

Nitrobenzene

Concen: 51.938 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

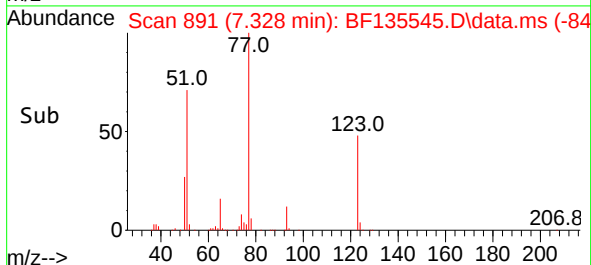
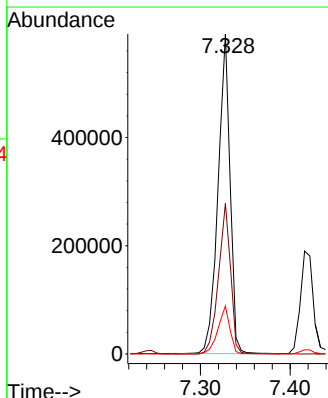
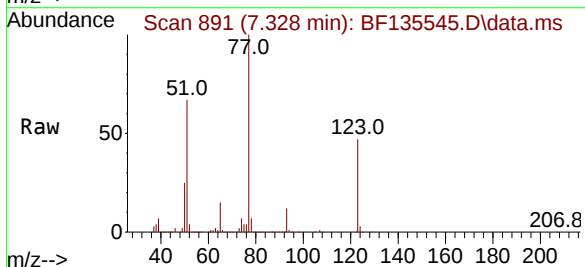
Tgt Ion: 77 Resp: 550121

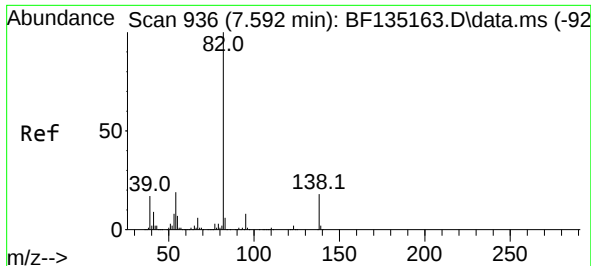
Ion Ratio Lower Upper

77 100

123 47.0 37.6 56.4

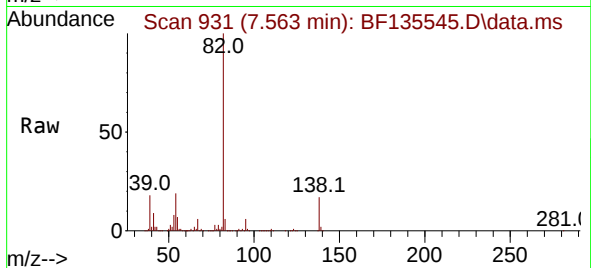
65 15.0 12.2 18.4





#25
Isophorone
Concen: 52.797 ng
RT: 7.563 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

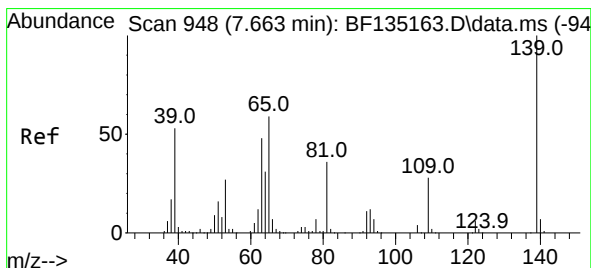
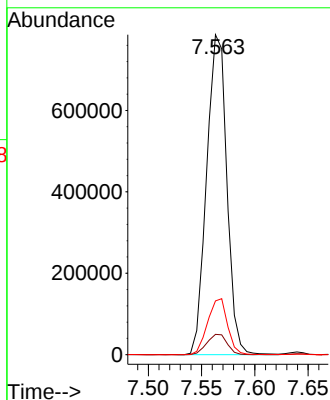
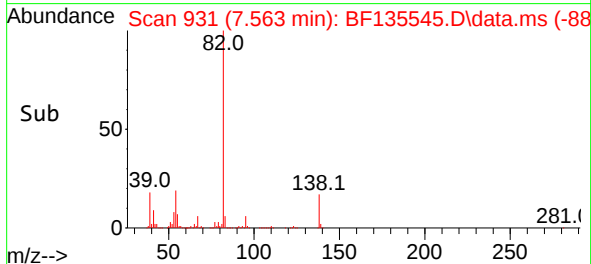
Instrument :
BNA_F
ClientSampleId :
PB155919BS



Tgt Ion: 82 Resp: 103892
Ion Ratio Lower Upper
82 100
95 6.4 6.0 9.0
138 16.8 14.5 21.7

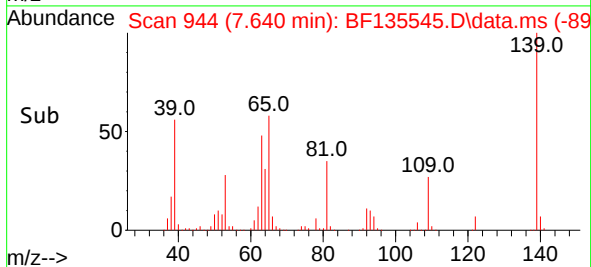
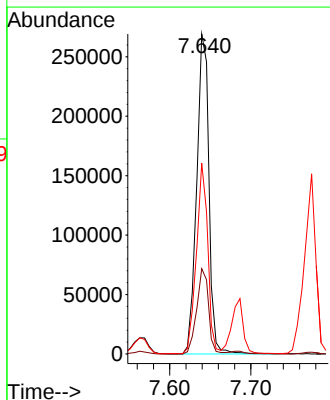
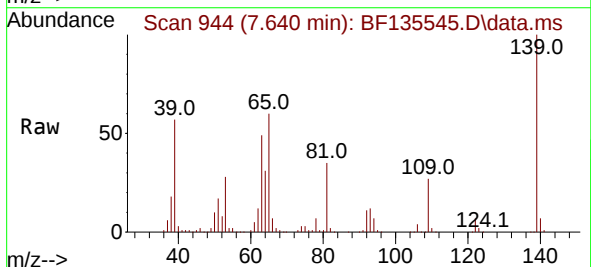
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#26
2-Nitrophenol
Concen: 55.766 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:139 Resp: 283485
Ion Ratio Lower Upper
139 100
109 26.7 22.6 33.8
65 59.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.903 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135545.D

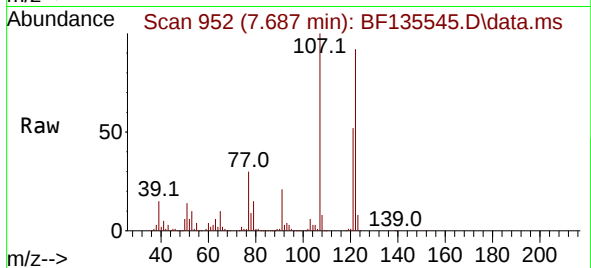
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS



Tgt Ion:122 Resp: 417862

Ion Ratio Lower Upper

122 100

107 108.3 90.2 135.4

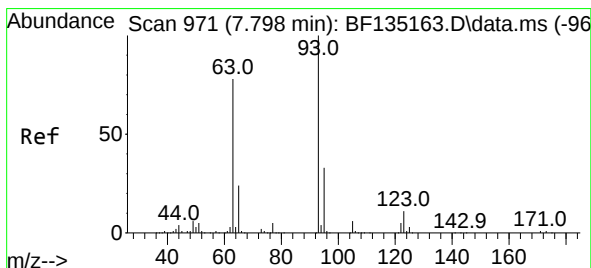
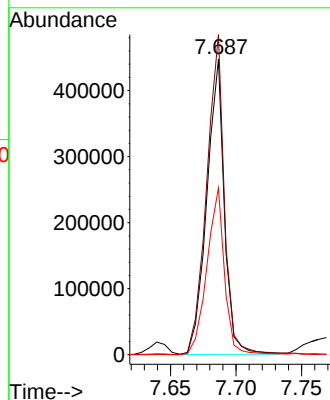
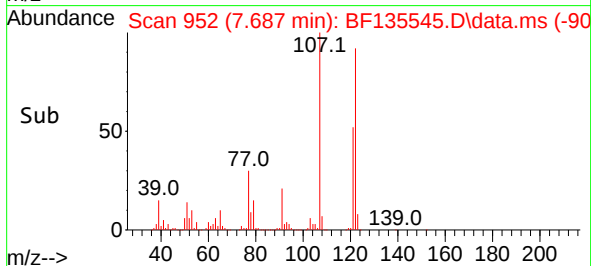
121 56.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 54.487 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

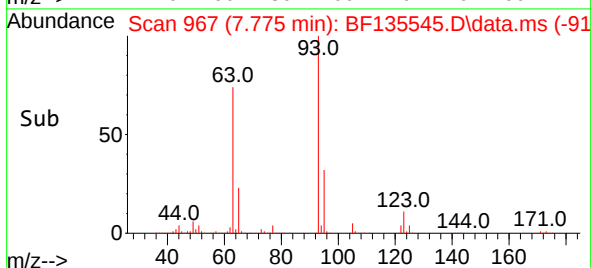
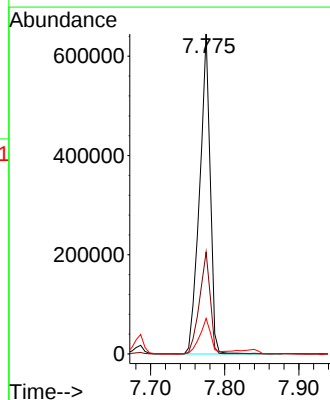
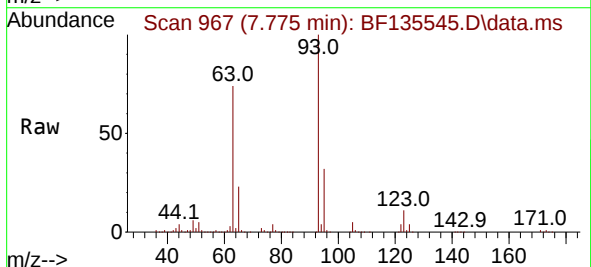
Tgt Ion: 93 Resp: 641735

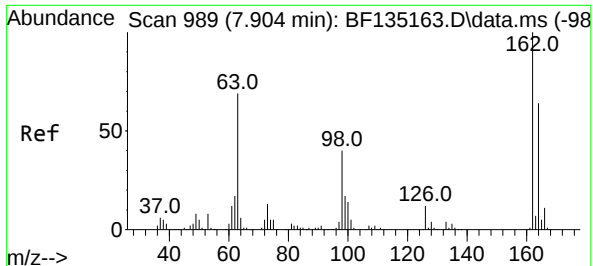
Ion Ratio Lower Upper

93 100

95 31.8 26.2 39.2

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.331 ng

RT: 7.887 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

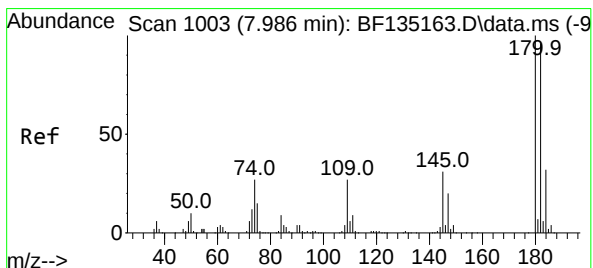
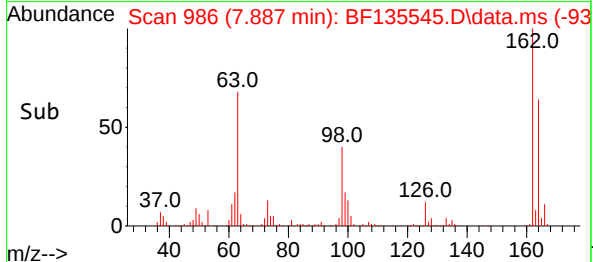
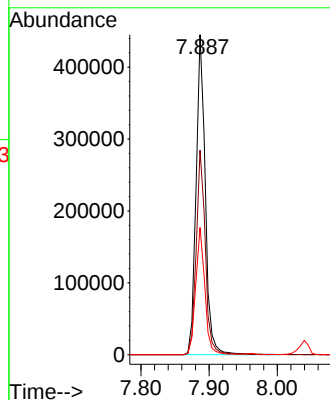
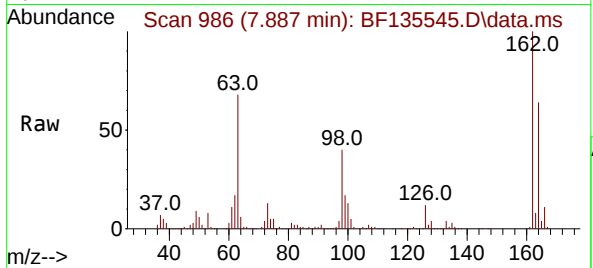
Tgt Ion:162 Resp: 414339
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.1 84.1
 98 39.8 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.821 ng

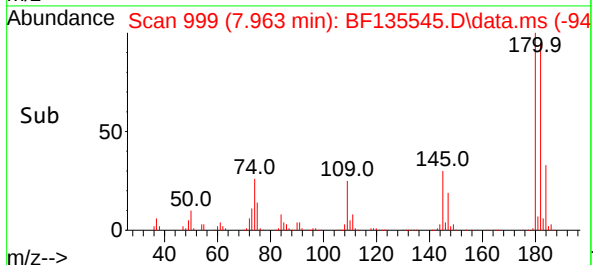
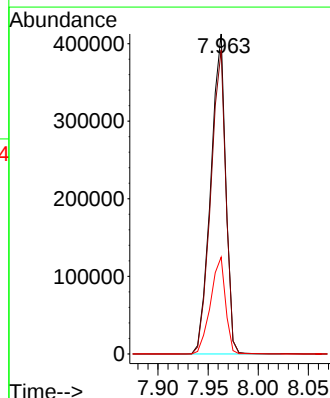
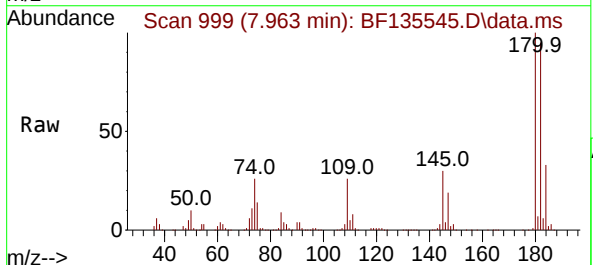
RT: 7.963 min Scan# 999

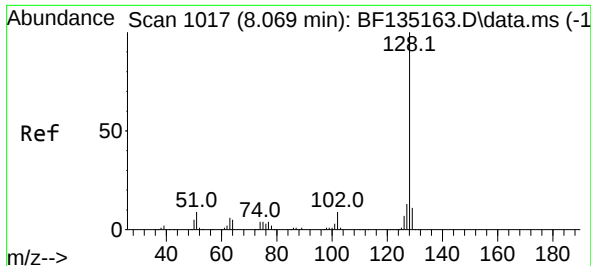
Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

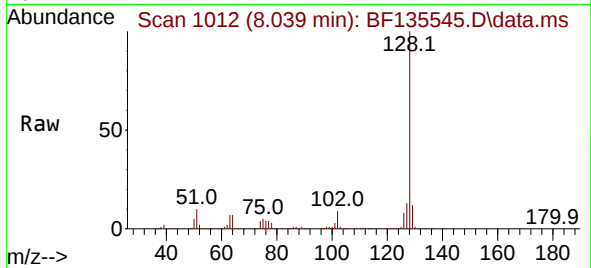
Tgt Ion:180 Resp: 428863
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.9 115.3
 145 30.2 24.5 36.7





#31
Naphthalene
Concen: 50.231 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

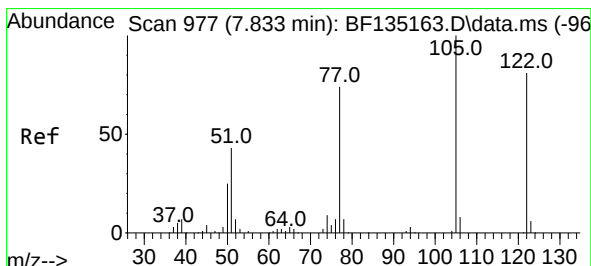
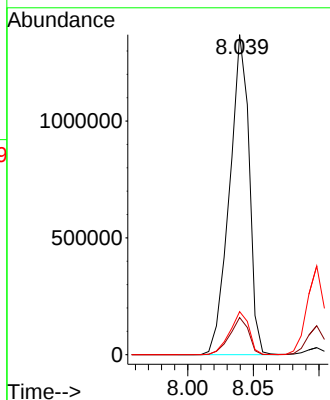
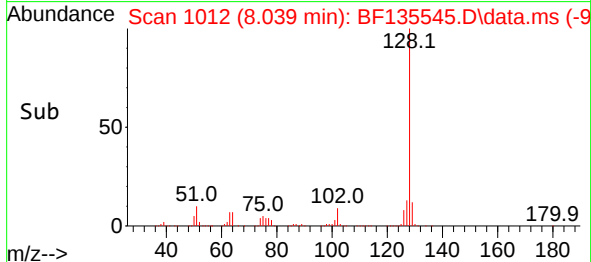
Instrument :
BNA_F
ClientSampleId :
PB155919BS



Tgt Ion:128 Resp: 142090
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.4 10.7 16.1

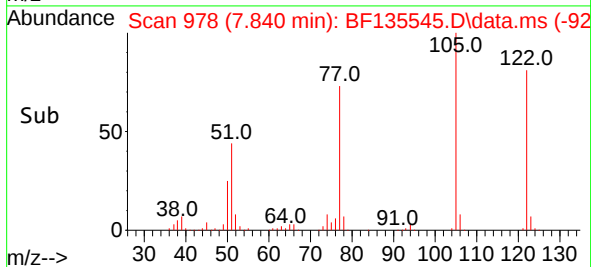
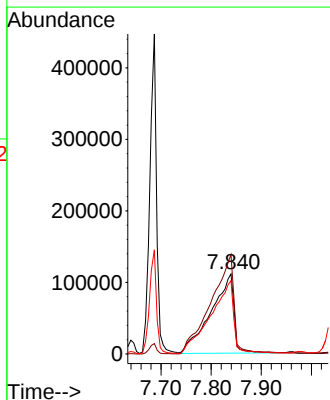
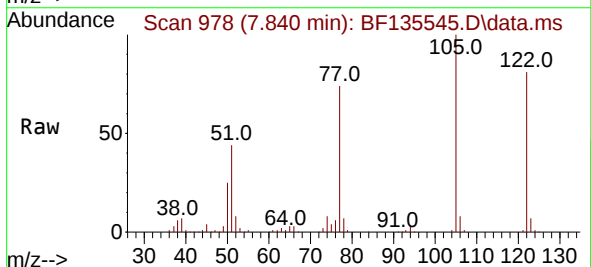
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#32
Benzoic acid
Concen: 55.086 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.018 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:122 Resp: 354438
Ion Ratio Lower Upper
122 100
105 124.0 99.9 139.9
77 91.6 70.0 110.0





#33
4-Chloroaniline
Concen: 31.372 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

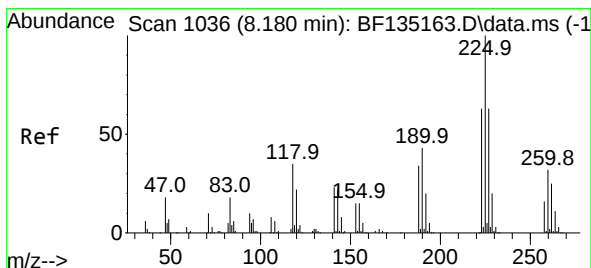
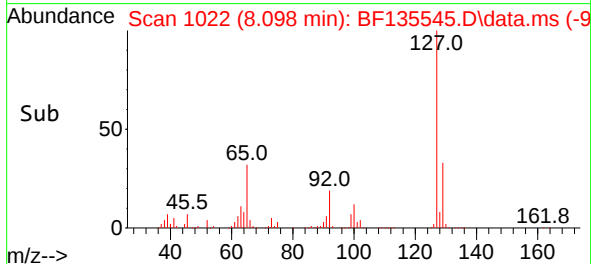
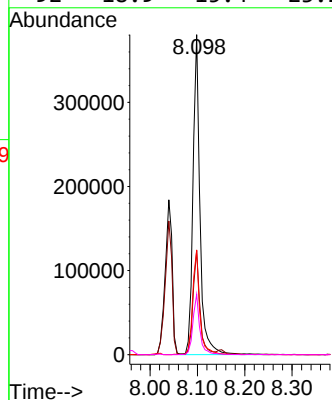
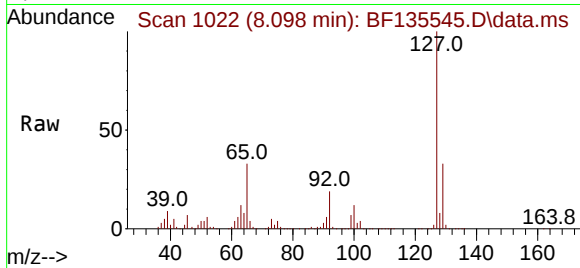
ClientSampleId :

PB155919BS

Tgt Ion:127 Resp: 38935
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 32.8 26.6 39.8
92 18.9 15.4 23.2

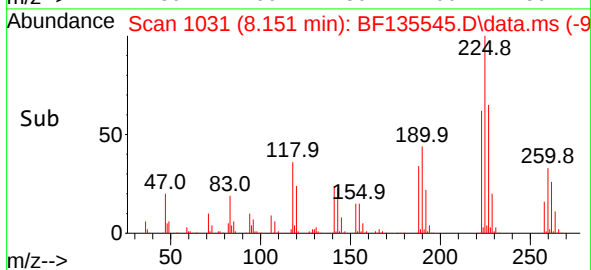
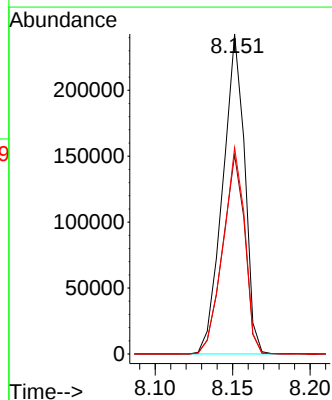
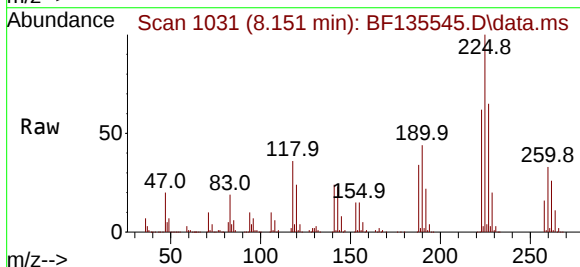
Manual Integrations
APPROVED

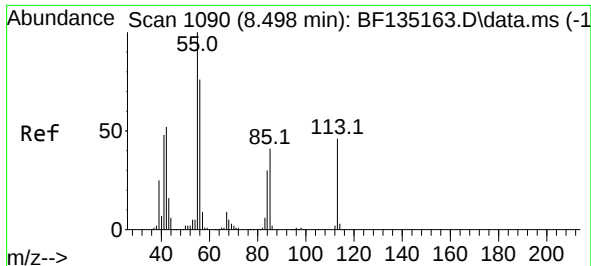
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#34
Hexachlorobutadiene
Concen: 47.801 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

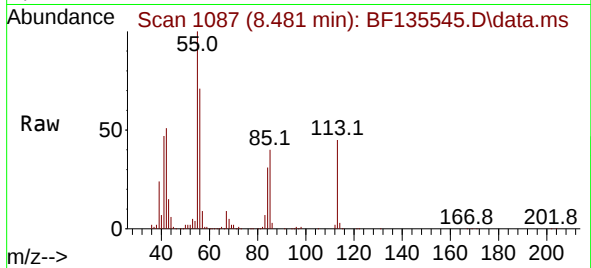
Tgt Ion:225 Resp: 238533
Ion Ratio Lower Upper
225 100
223 62.2 50.6 75.8
227 64.5 50.8 76.2





#35
 Caprolactam
 Concen: 51.075 ng m
 RT: 8.481 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135545.D
 Acq: 03 Oct 2023 16:37

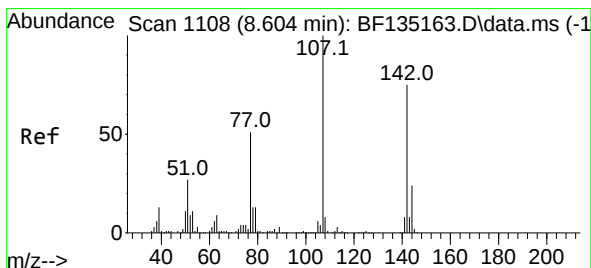
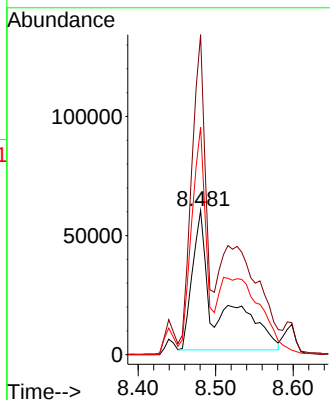
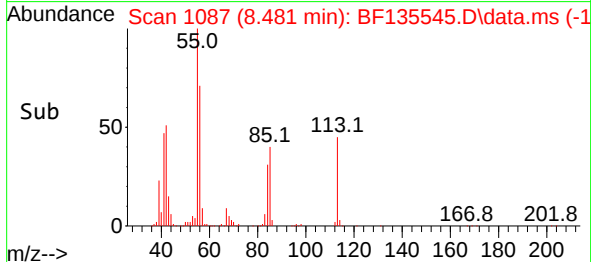
Instrument :
 BNA_F
 ClientSampleId :
 PB155919BS



Tgt Ion:113 Resp: 13572
 Ion Ratio Lower Upper
 113 100
 55 222.0 199.3 239.3
 56 158.0 146.3 186.3

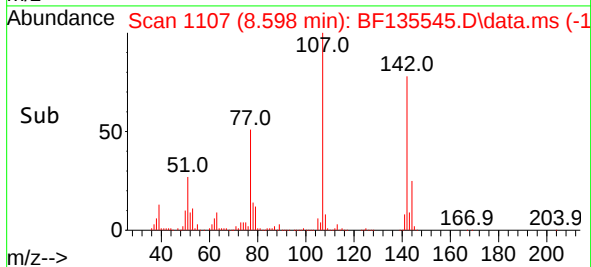
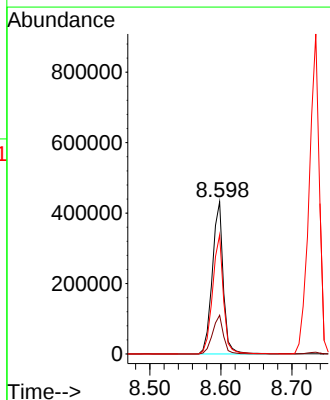
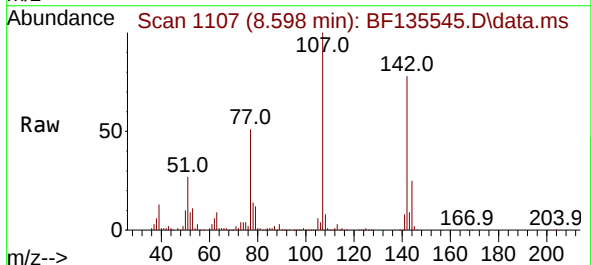
Manual Integrations
 APPROVED

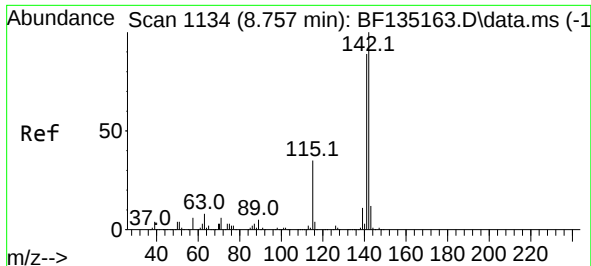
Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023



#36
 4-Chloro-3-methylphenol
 Concen: 52.768 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135545.D
 Acq: 03 Oct 2023 16:37

Tgt Ion:107 Resp: 464350
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.0 28.4
 142 78.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 47.466 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Tgt Ion:142 Resp: 90255

Ion Ratio Lower Upper

142 100

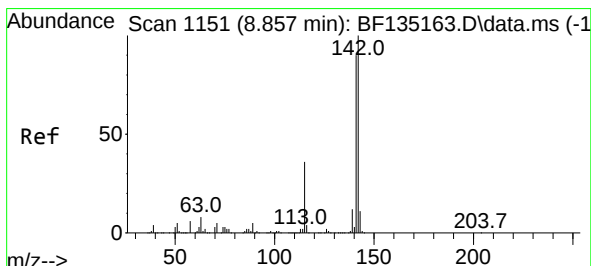
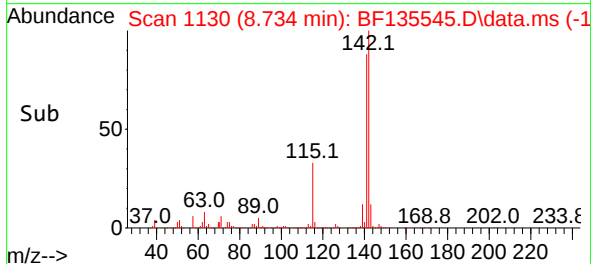
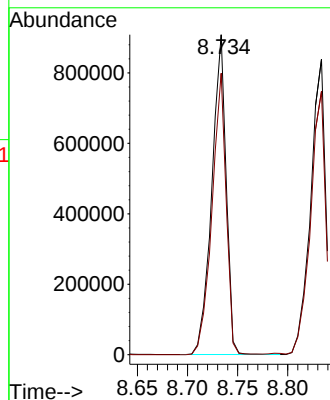
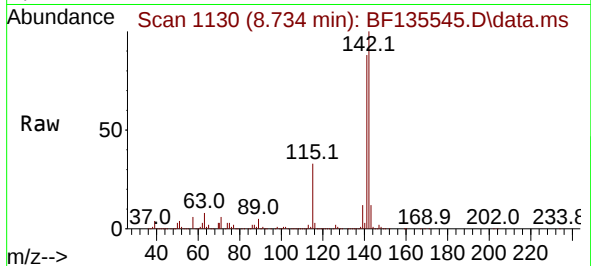
141 88.0 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#38

1-Methylnaphthalene

Concen: 48.792 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135545.D

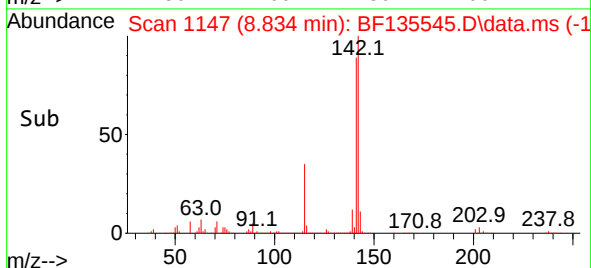
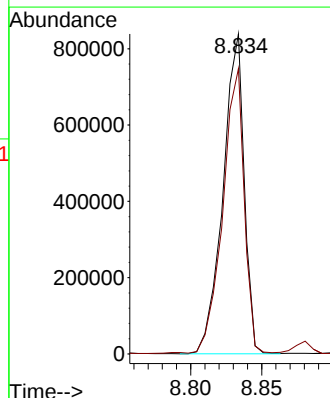
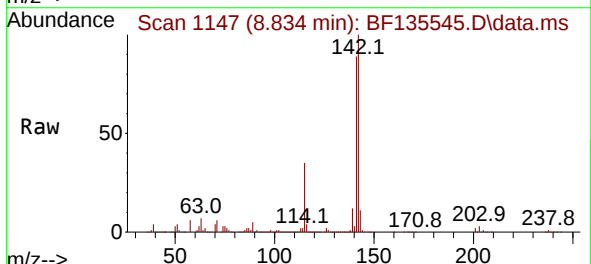
Acq: 03 Oct 2023 16:37

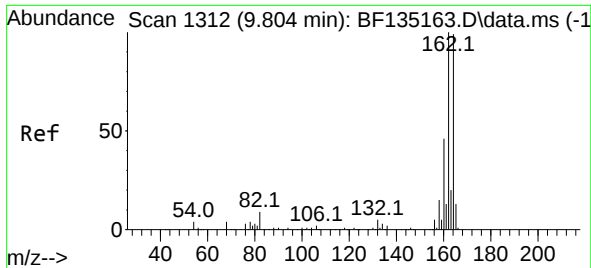
Tgt Ion:142 Resp: 868604

Ion Ratio Lower Upper

142 100

141 89.2 72.4 108.6





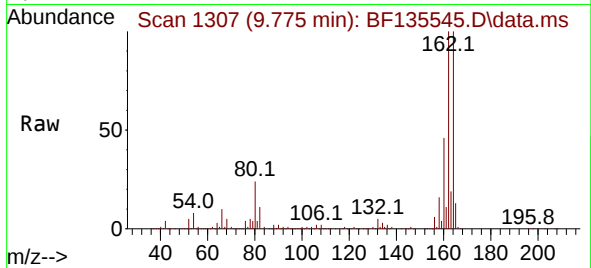
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

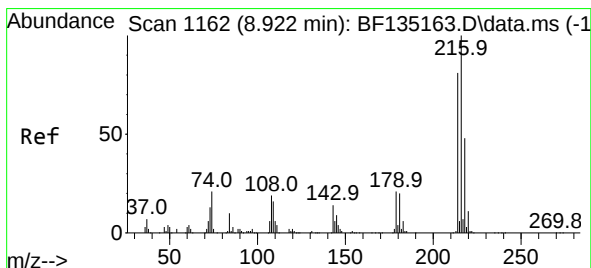
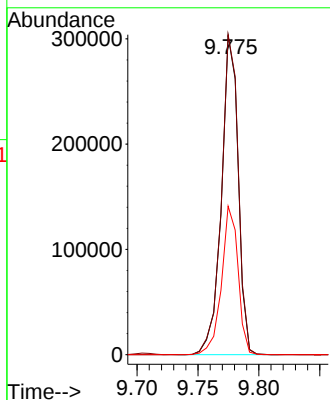
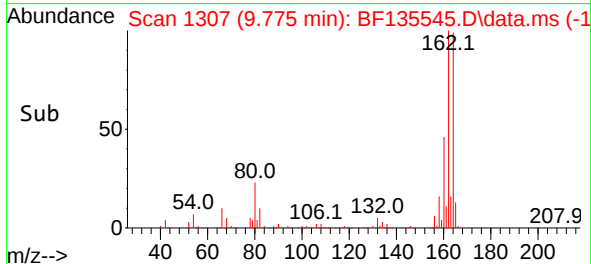


Tgt Ion:164 Resp: 29114
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 46.5 37.0 55.4

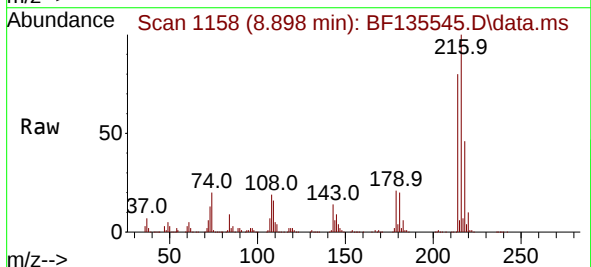
Manual Integrations

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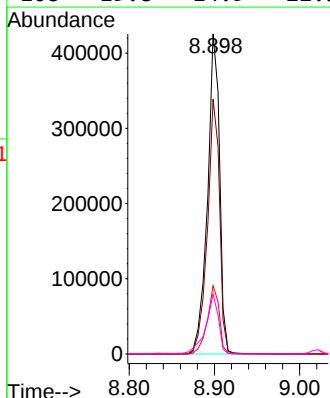
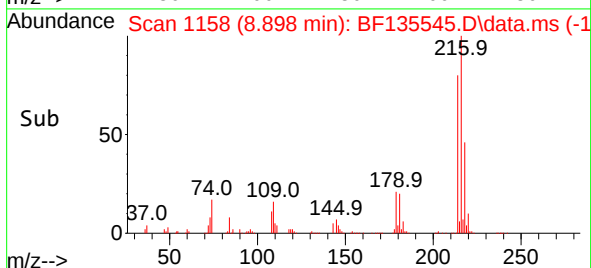
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.697 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



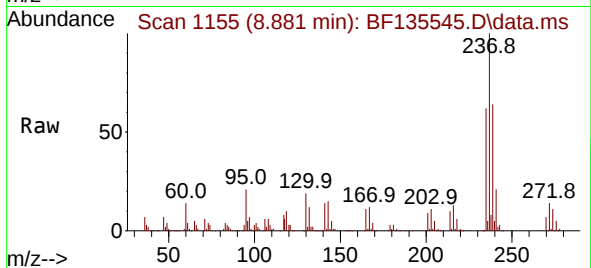
Tgt Ion:216 Resp: 419182
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.9 16.7 25.1
108 19.8 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 56.797 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

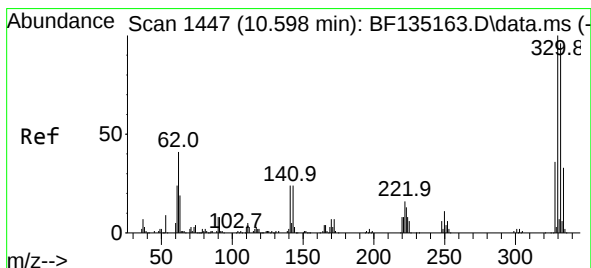
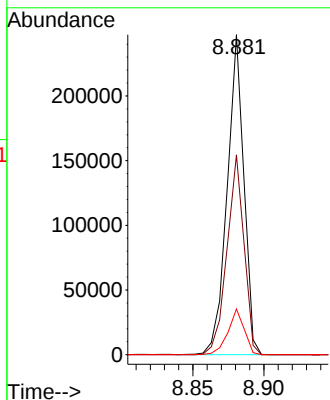
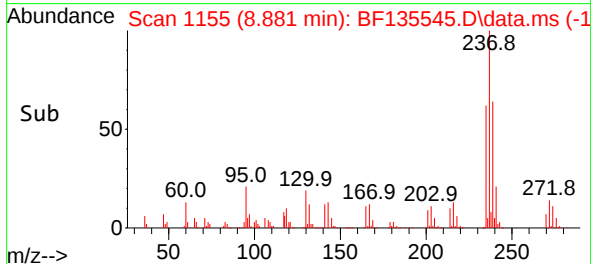
Instrument :
BNA_F
ClientSampleId :
PB155919BS



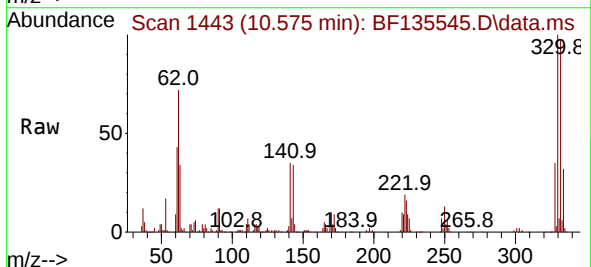
Tgt Ion: 237 Resp: 202324
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 14.3 0.0 33.6

Manual Integrations
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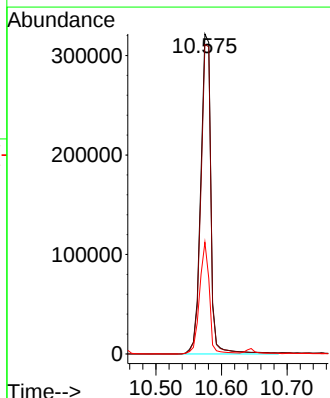
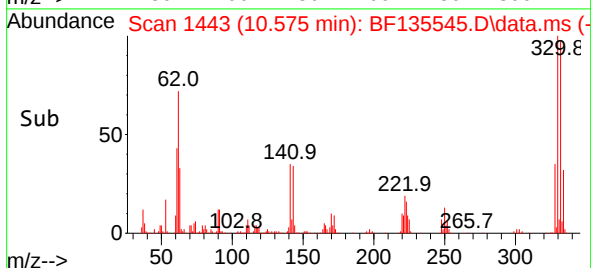
Reviewed By : Yogesh Patel 10/04/2023
Supervised By : mohammad ahmed 10/05/2023

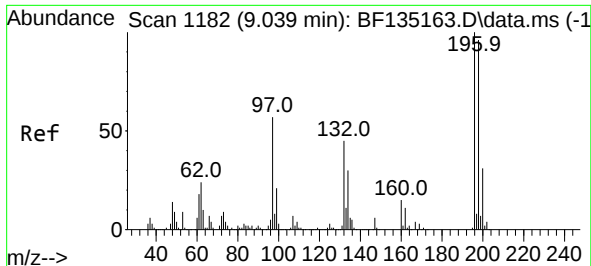


#42
2,4,6-Tribromophenol
Concen: 120.205 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



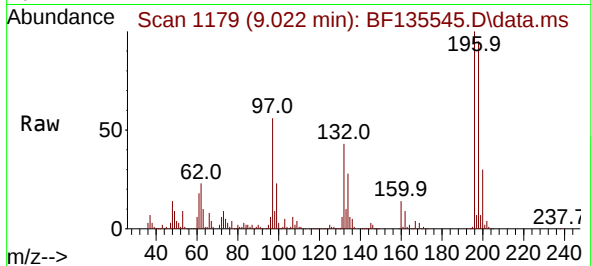
Tgt Ion: 330 Resp: 347789
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.6 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 51.258 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

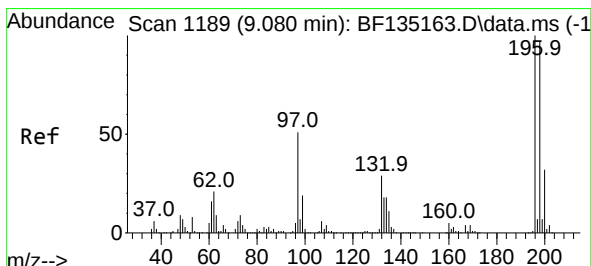
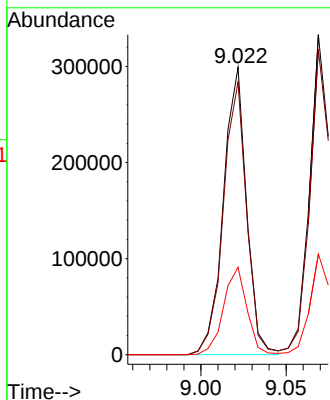
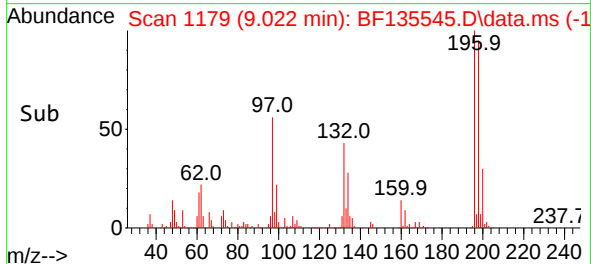
Instrument :
BNA_F
ClientSampleId :
PB155919BS



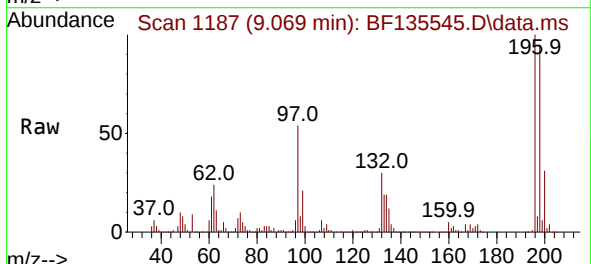
Tgt Ion:196 Resp: 283079
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.6
200 30.4 24.5 36.7

Manual Integrations
APPROVED

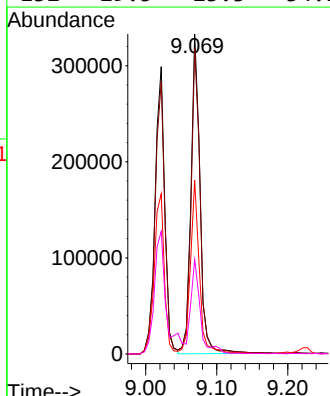
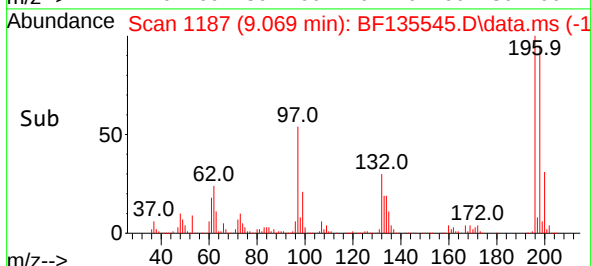
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

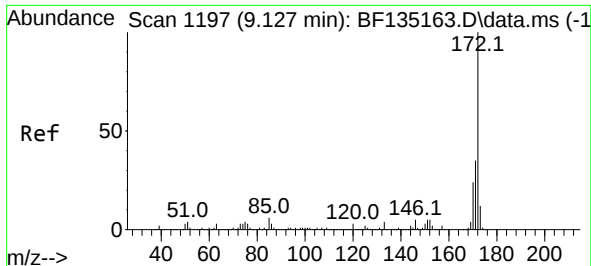


#44
2,4,5-Trichlorophenol
Concen: 46.834 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



Tgt Ion:196 Resp: 297859
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 54.2 40.5 60.7
132 29.5 23.3 34.9





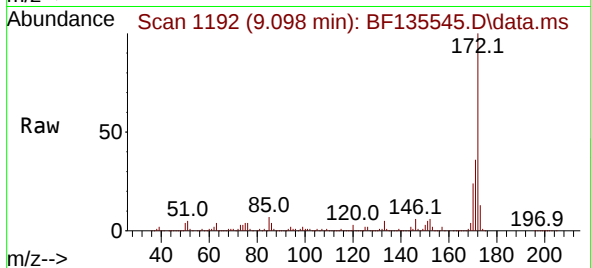
#45
2-Fluorobiphenyl
Concen: 87.810 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS



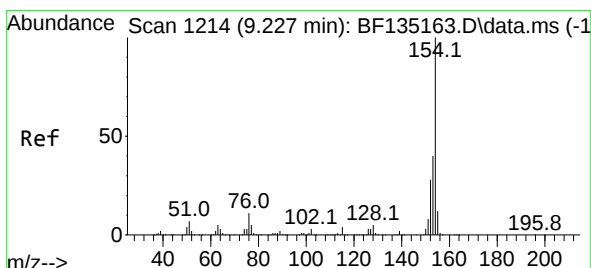
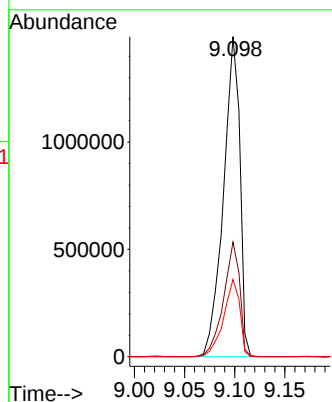
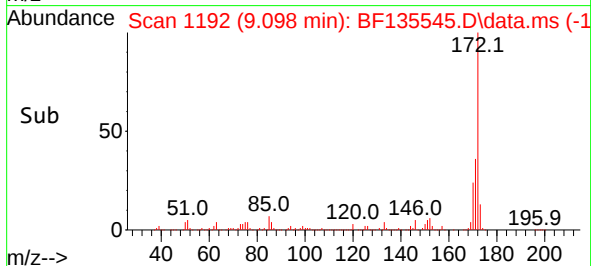
Tgt Ion:172 Resp: 169452
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.1 19.0 28.4

Manual Integrations

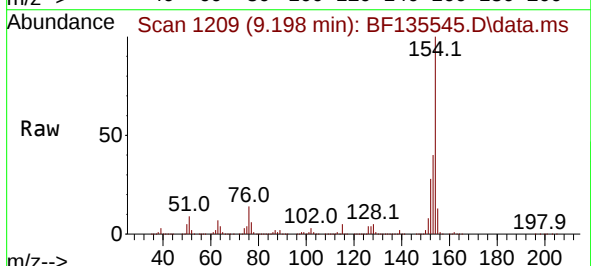
APPROVED

Reviewed By :Yogesh Patel 10/04/2023

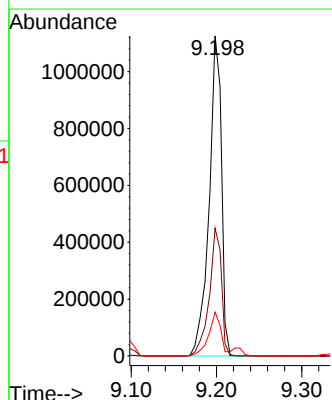
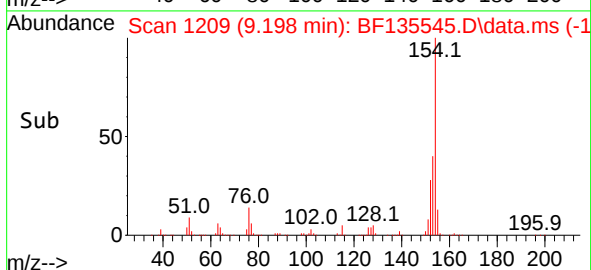
Supervised By :mohammad ahmed 10/05/2023



#46
1,1'-Biphenyl
Concen: 50.579 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



Tgt Ion:154 Resp: 1131669
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 13.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.750 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

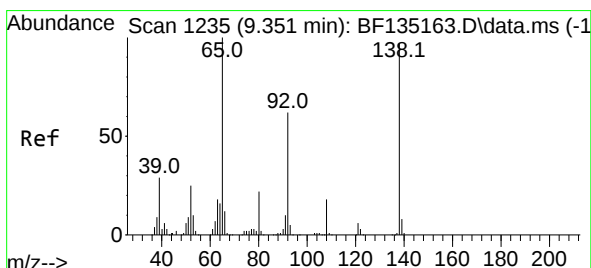
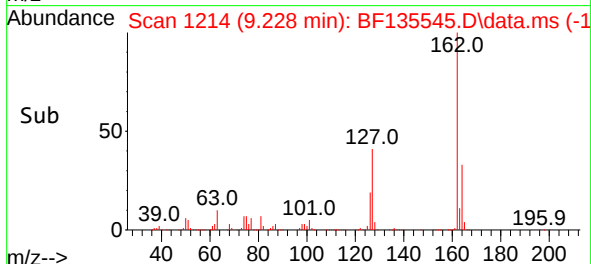
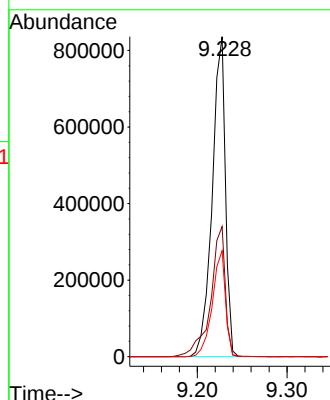
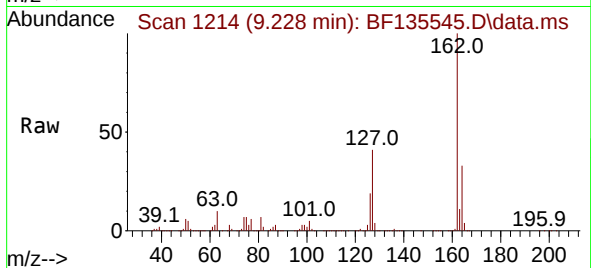
PB155919BS

Tgt Ion:162 Resp: 856330
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.6 48.8
 164 33.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023



#48

2-Nitroaniline

Concen: 54.004 ng

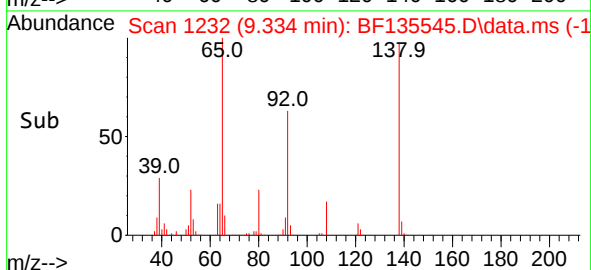
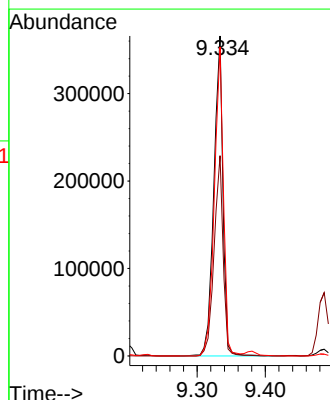
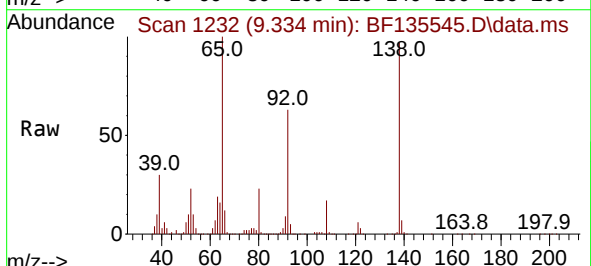
RT: 9.334 min Scan# 1232

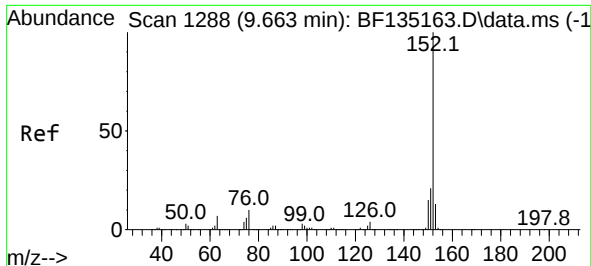
Delta R.T. 0.006 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

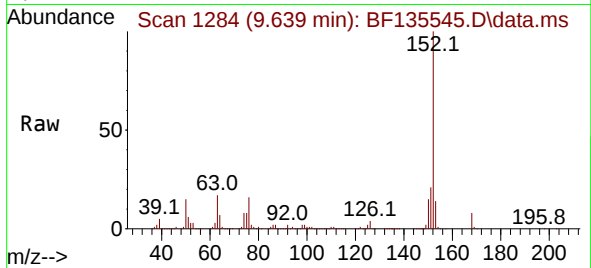
Tgt Ion: 65 Resp: 340592
 Ion Ratio Lower Upper
 65 100
 92 62.6 49.4 74.0
 138 96.6 77.4 116.0





#49
Acenaphthylene
Concen: 50.276 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

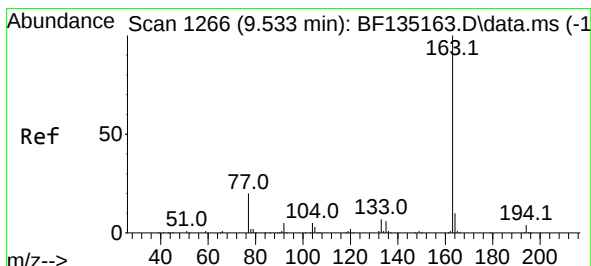
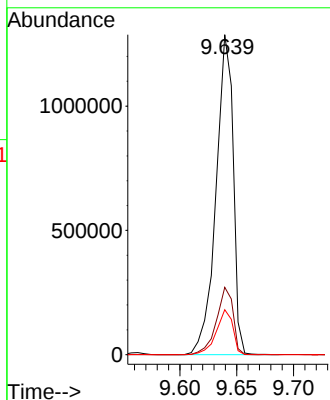
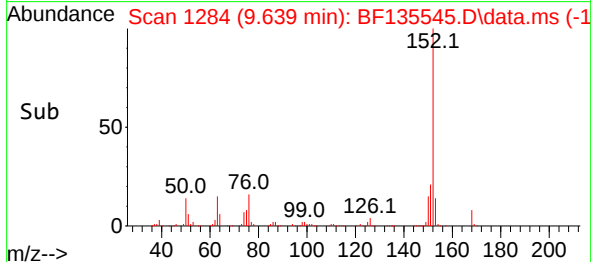
Instrument :
BNA_F
ClientSampleId :
PB155919BS



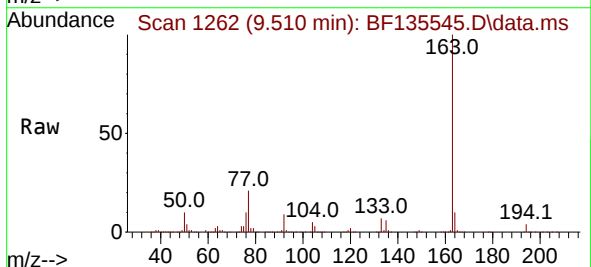
Tgt Ion:152 Resp: 1356410
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.1 10.4 15.6

Manual Integrations
APPROVED

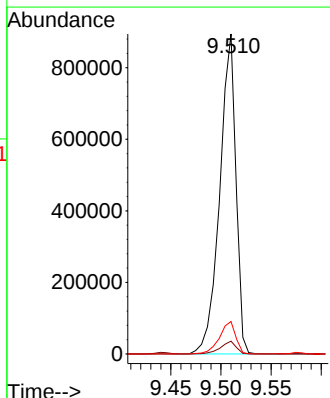
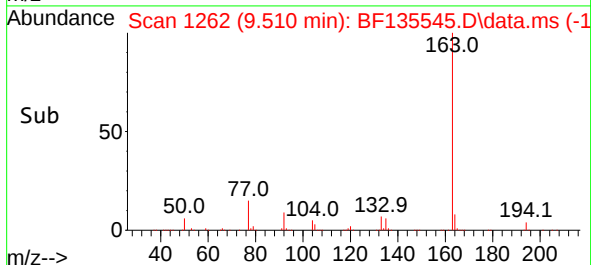
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

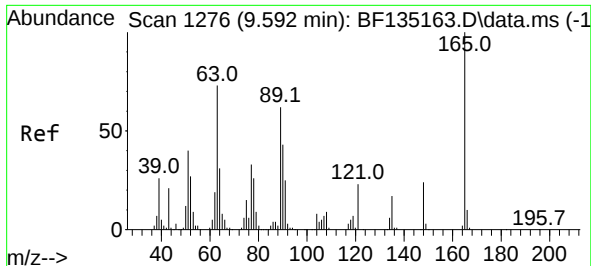


#50
Dimethylphthalate
Concen: 50.864 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



Tgt Ion:163 Resp: 1001230
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 51.980 ng

RT: 9.575 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Tgt Ion:165 Resp: 224149

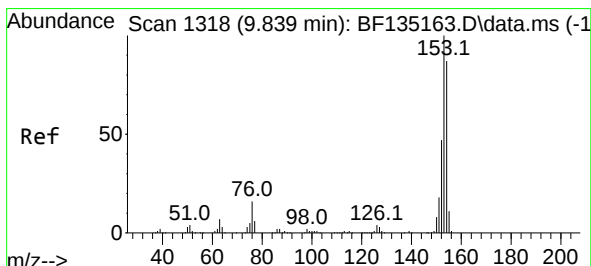
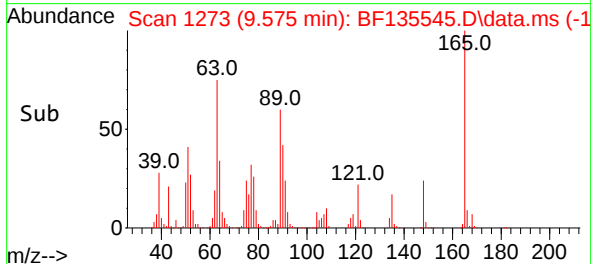
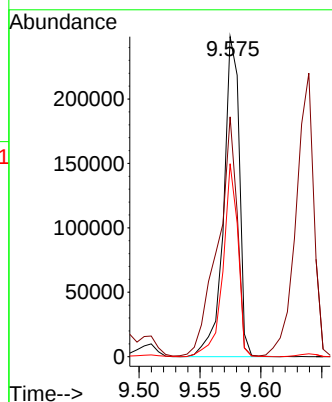
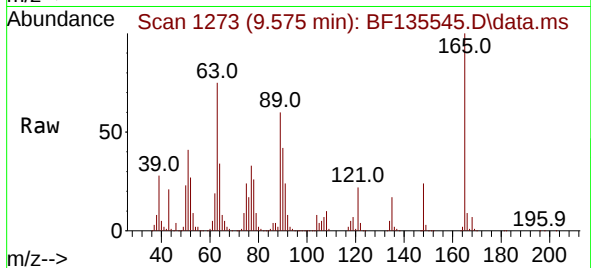
Ion	Ratio	Lower	Upper
165	100		
63	74.9	59.4	89.2
89	60.3	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#52

Acenaphthene

Concen: 50.750 ng

RT: 9.810 min Scan# 1313

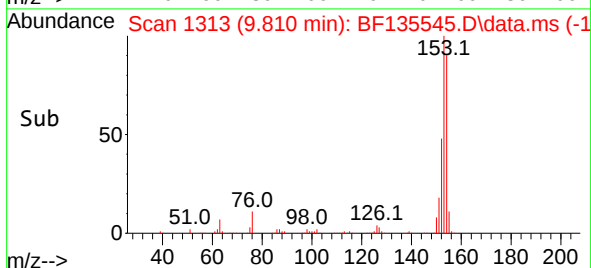
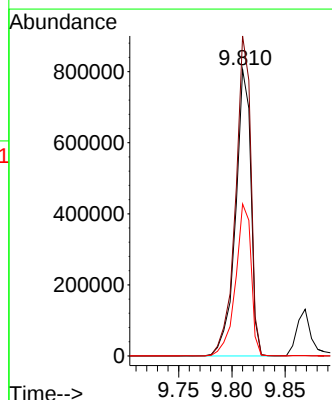
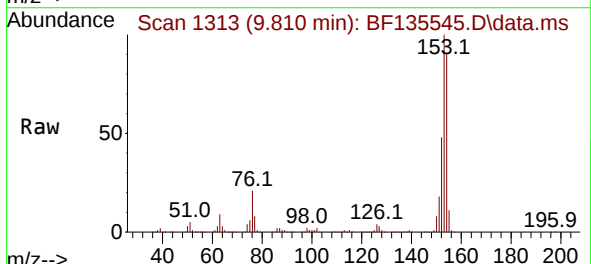
Delta R.T. 0.000 min

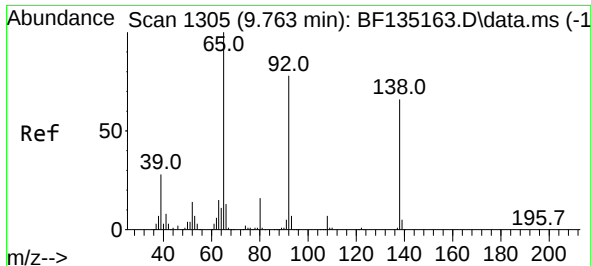
Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Tgt Ion:154 Resp: 808854

Ion	Ratio	Lower	Upper
154	100		
153	111.7	92.1	138.1
152	53.1	43.1	64.7





#53
3-Nitroaniline
Concen: 38.841 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

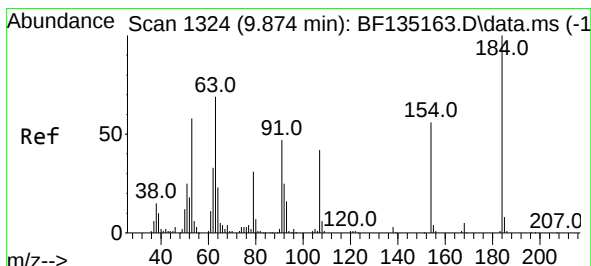
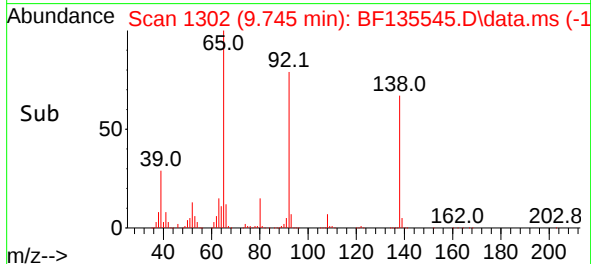
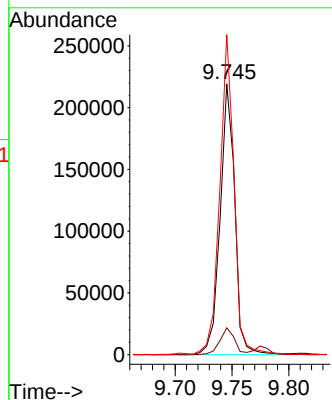
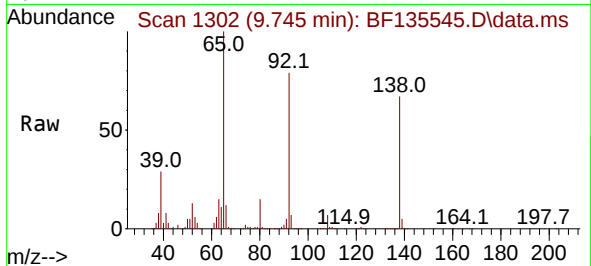
ClientSampleId :

PB155919BS

Tgt Ion:138 Resp: 19660
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 118.1 95.4 143.0

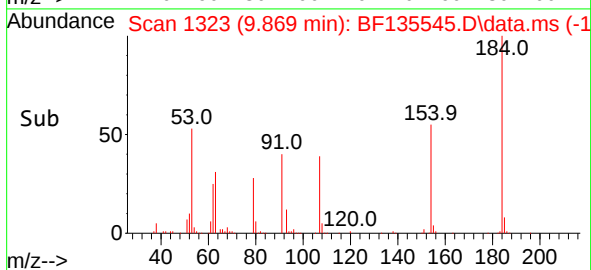
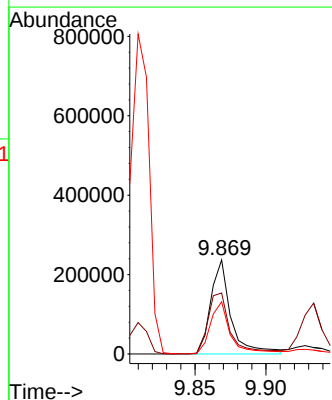
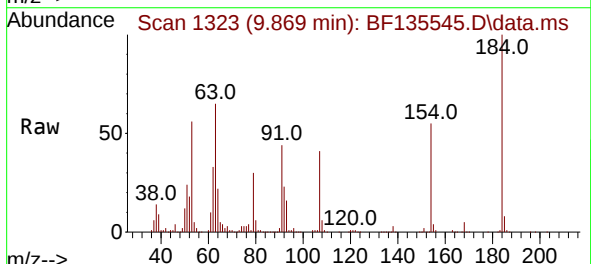
Manual Integrations
APPROVED

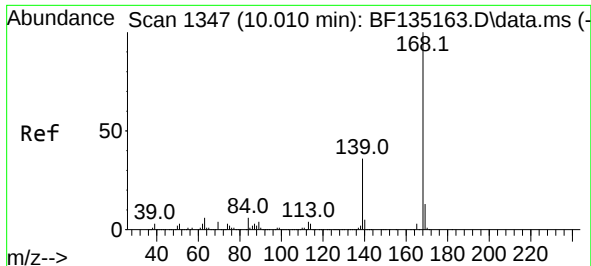
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#54
2,4-Dinitrophenol
Concen: 94.099 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:184 Resp: 233281
Ion Ratio Lower Upper
184 100
63 64.8 55.1 82.7
154 55.5 48.4 72.6





#55
Dibenzenofuran
Concen: 47.029 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

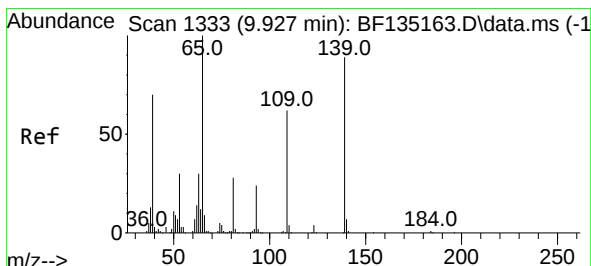
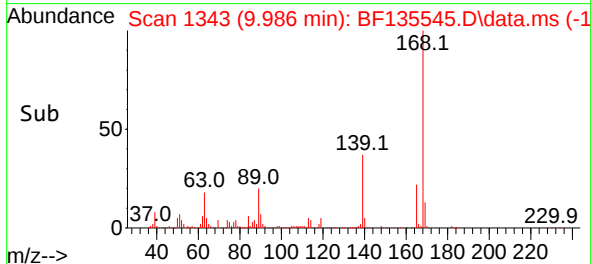
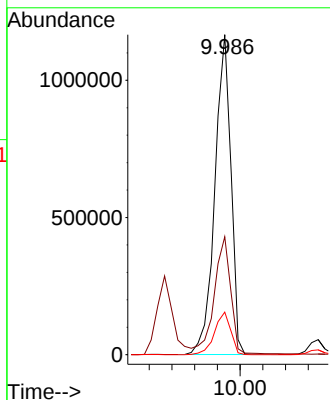
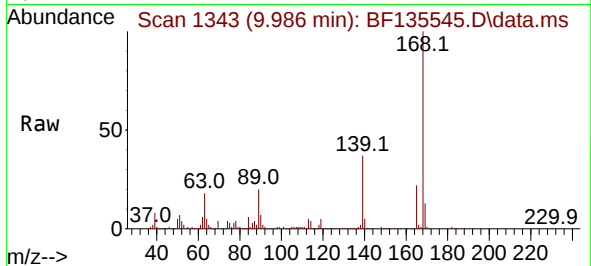
ClientSampleId :

PB155919BS

Tgt Ion:168 Resp: 114378
Ion Ratio Lower Upper
168 100
139 36.9 29.0 43.6
169 13.3 10.4 15.6

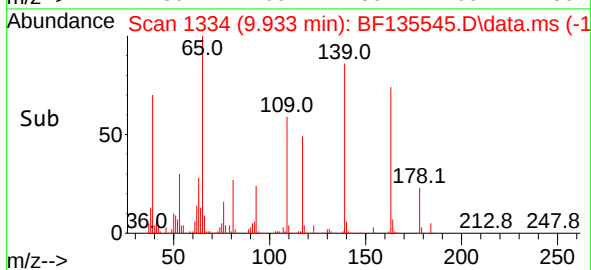
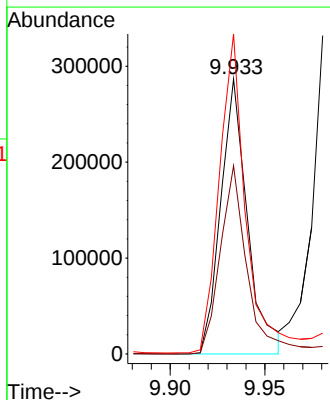
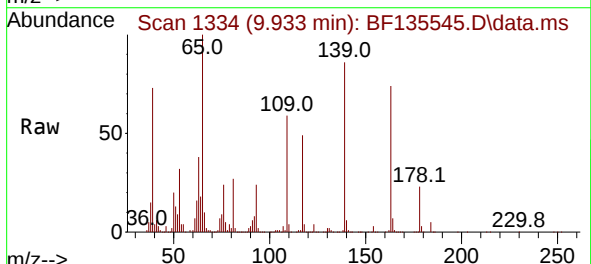
Manual Integrations
APPROVED

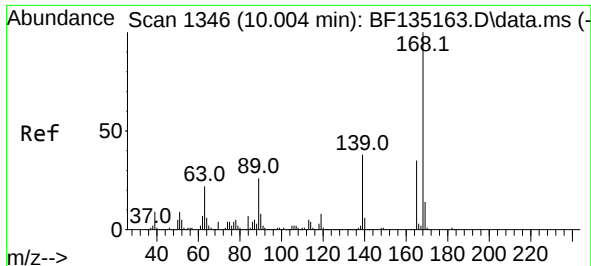
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#56
4-Nitrophenol
Concen: 87.447 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:139 Resp: 281321
Ion Ratio Lower Upper
139 100
109 68.4 49.8 89.8
65 116.4 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 47.799 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

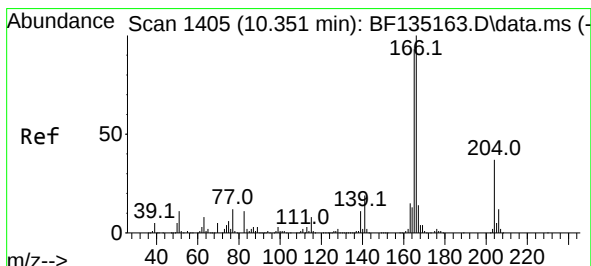
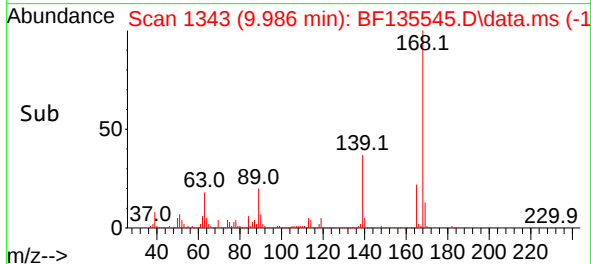
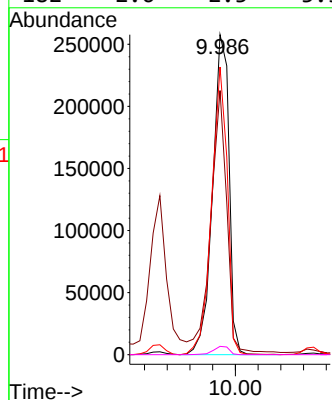
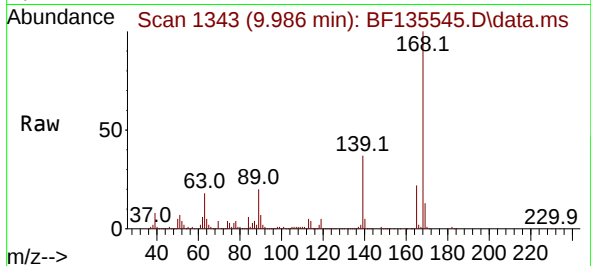
ClientSampleId :

PB155919BS

Tgt Ion:165 Resp: 25804
Ion Ratio Lower Upper
165 100
63 82.5 50.1 75.1
89 89.9 59.3 88.9
182 2.6 2.3 3.5

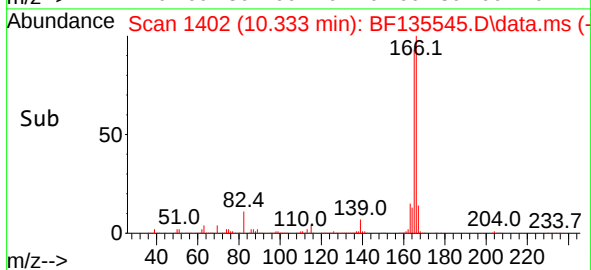
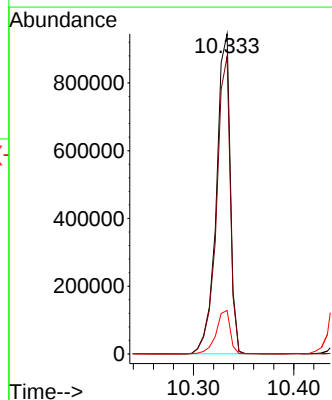
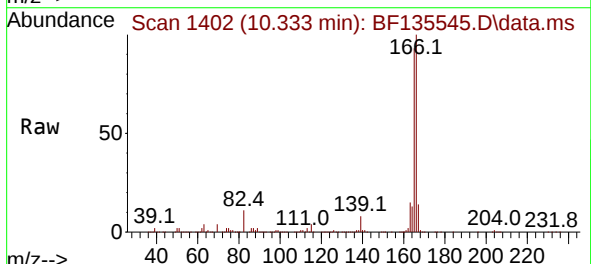
Manual Integrations
APPROVED

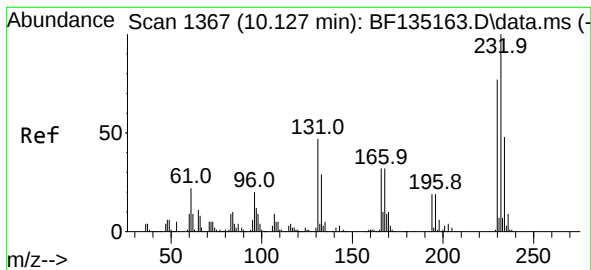
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#58
Fluorene
Concen: 48.501 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

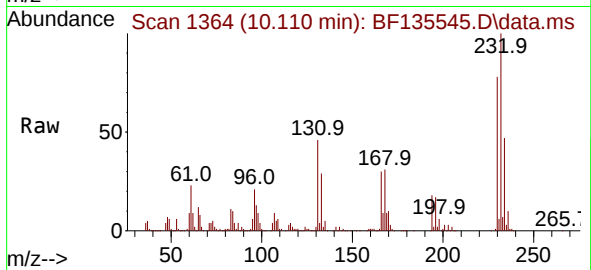
Tgt Ion:166 Resp: 906840
Ion Ratio Lower Upper
166 100
165 93.0 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.804 ng
RT: 10.110 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

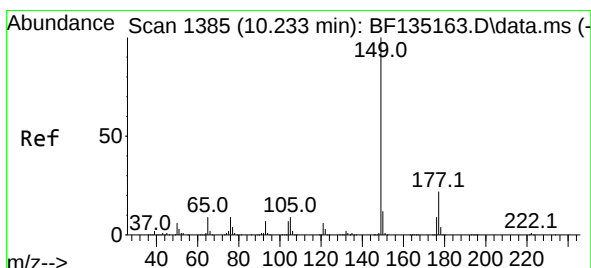
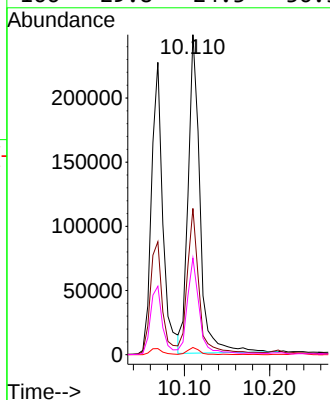
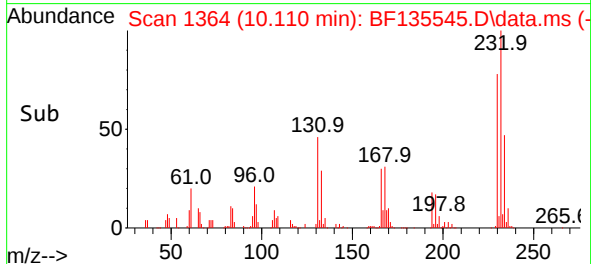
Instrument :
BNA_F
ClientSampleId :
PB155919BS



Tgt Ion:232 Resp: 238760
Ion Ratio Lower Upper
232 100
131 45.5 35.4 53.2
130 2.2 1.8 2.8
166 29.8 24.3 36.5

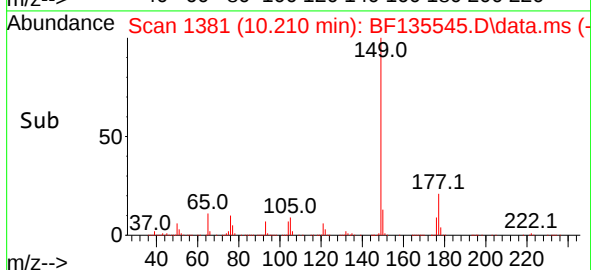
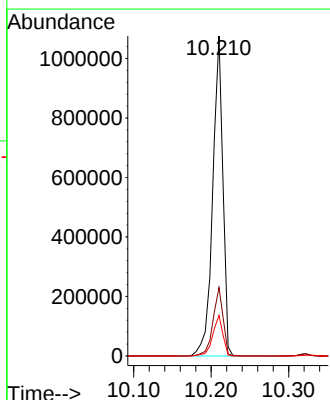
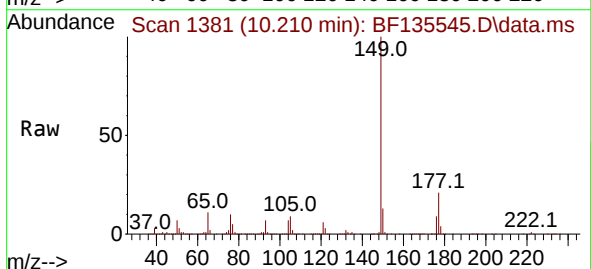
Manual Integrations
APPROVED

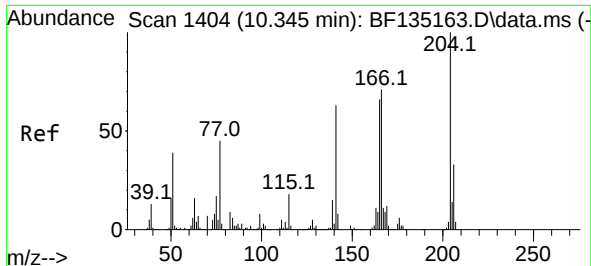
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#60
Diethylphthalate
Concen: 49.663 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

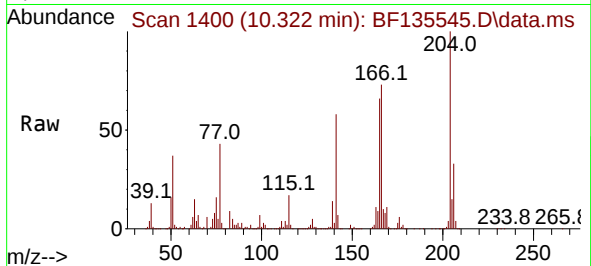
Tgt Ion:149 Resp: 981095
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.310 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

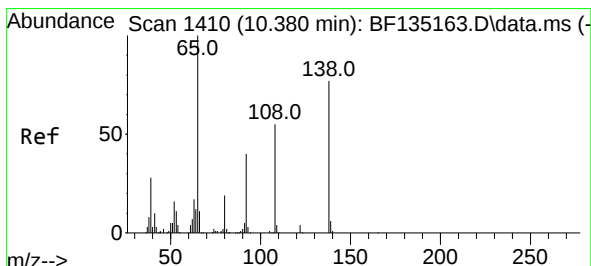
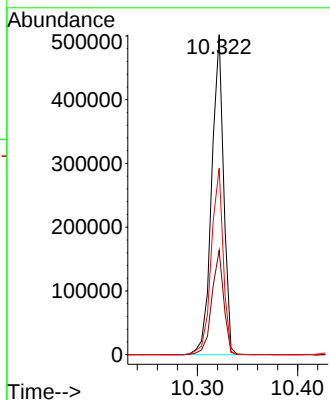
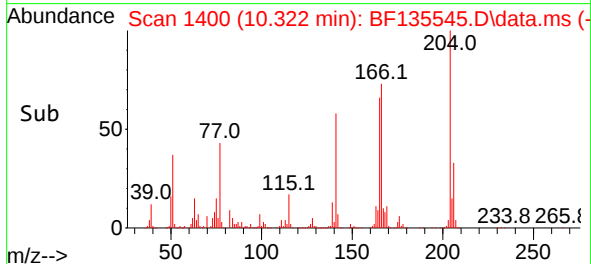
Instrument :
BNA_F
ClientSampleId :
PB155919BS



Tgt Ion:204 Resp: 415930
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 58.3 50.6 75.8

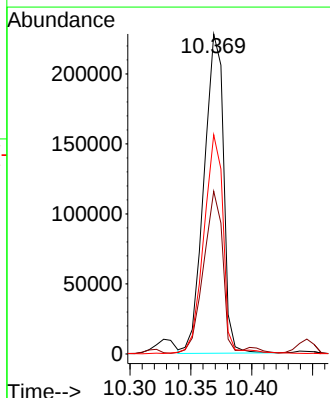
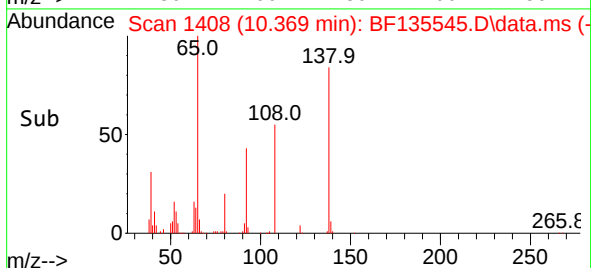
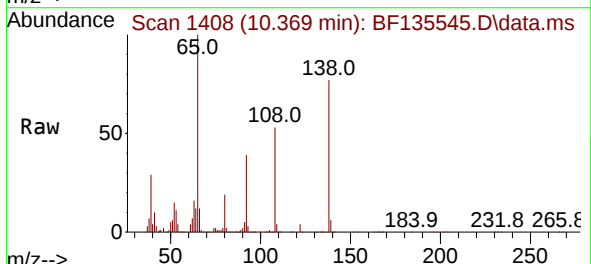
Manual Integrations
APPROVED

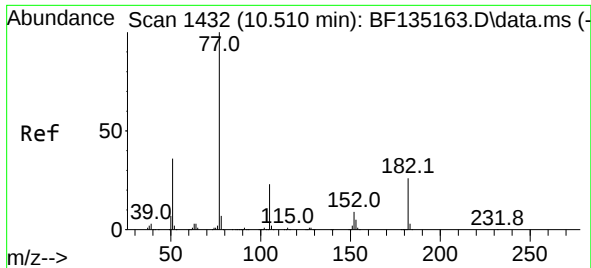
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#62
4-Nitroaniline
Concen: 52.145 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

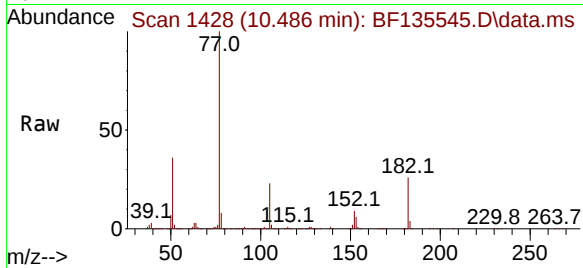
Tgt Ion:138 Resp: 253722
Ion Ratio Lower Upper
138 100
92 50.9 31.8 71.8
108 68.5 52.0 92.0





#63
Azobenzene
Concen: 52.144 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

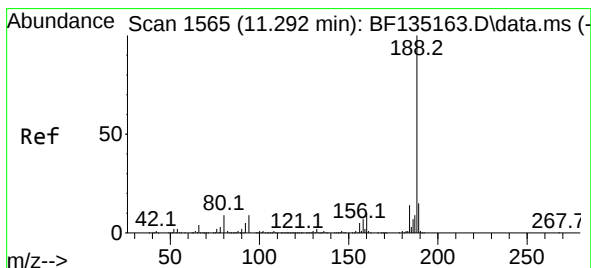
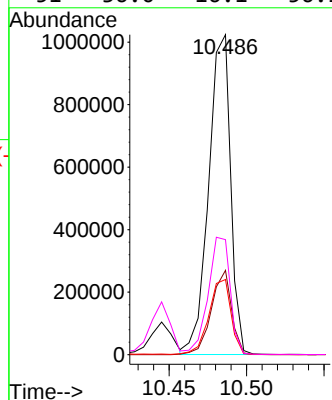
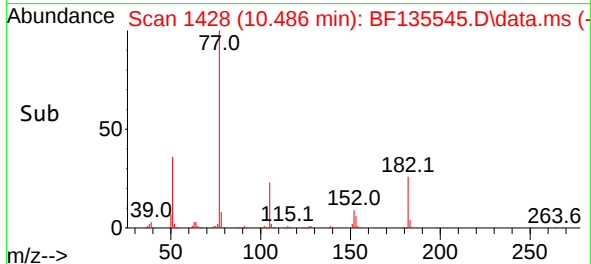
Instrument :
BNA_F
ClientSampleId :
PB155919BS



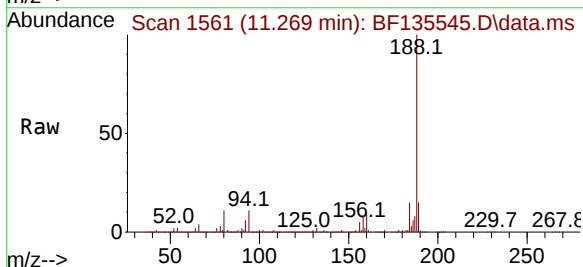
Tgt Ion: 77 Resp: 100816
Ion Ratio Lower Upper
77 100
182 26.4 6.4 46.4
105 23.5 3.1 43.1
51 36.0 16.1 56.1

Manual Integrations
APPROVED

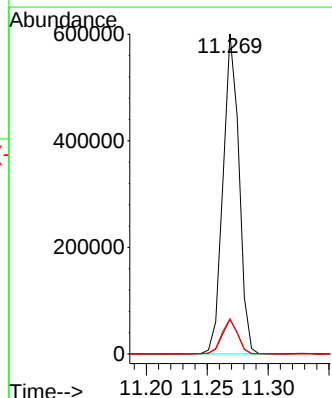
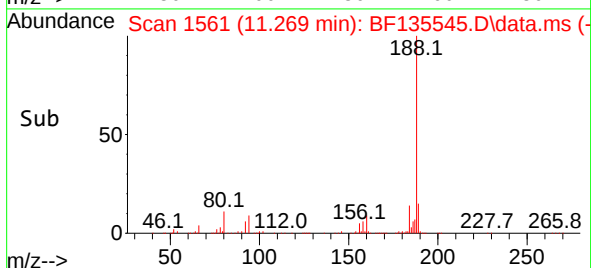
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

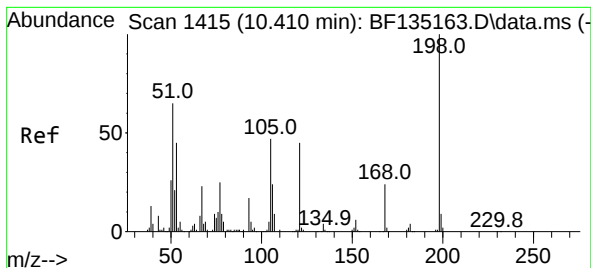


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



Tgt Ion:188 Resp: 549617
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.0 7.5 11.3





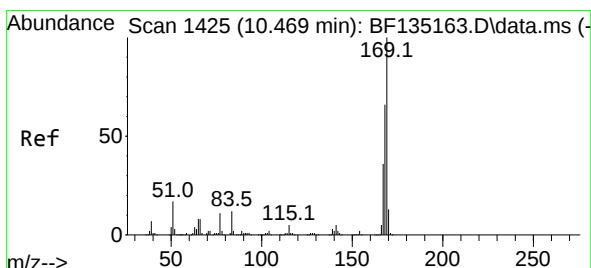
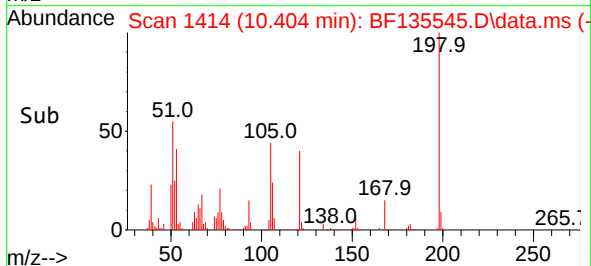
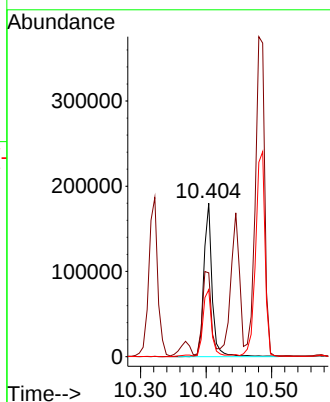
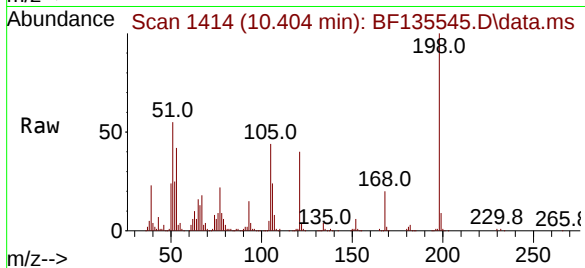
#65
4,6-Dinitro-2-methylphenol
Concen: 54.123 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :
BNA_F
ClientSampleId :
PB155919BS

Tgt Ion:198 Resp: 157994
Ion Ratio Lower Upper
198 100
51 54.6 47.7 87.7
105 43.6 27.4 67.4

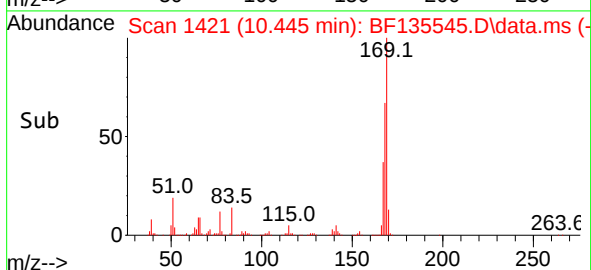
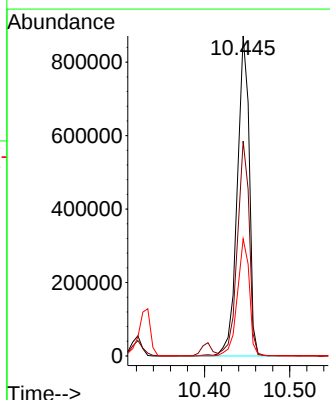
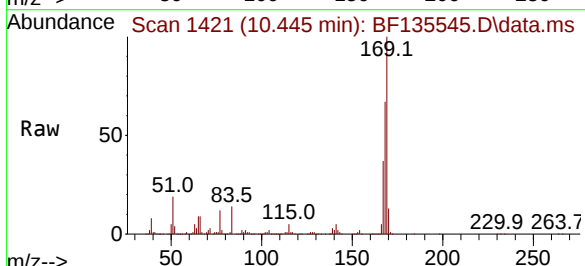
Manual Integrations
APPROVED

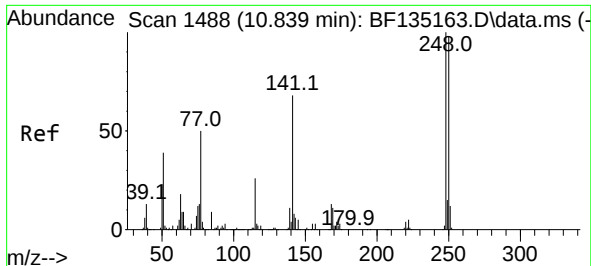
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#66
n-Nitrosodiphenylamine
Concen: 51.301 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:169 Resp: 853616
Ion Ratio Lower Upper
169 100
168 67.1 52.8 79.2
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.168 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

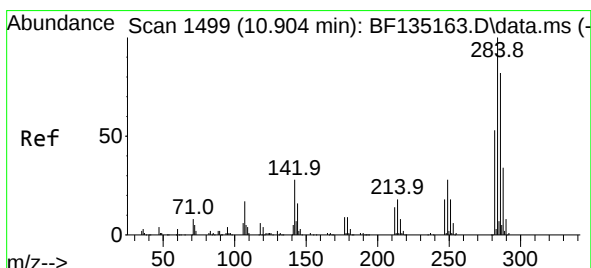
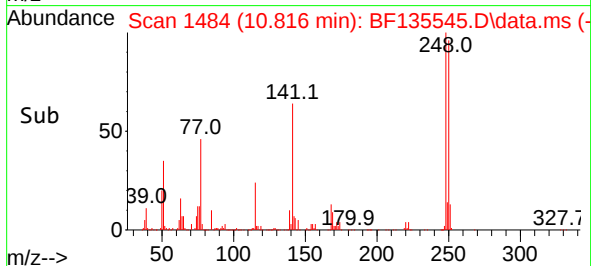
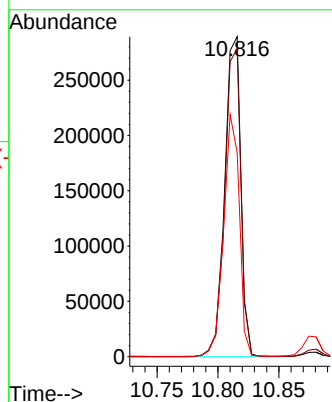
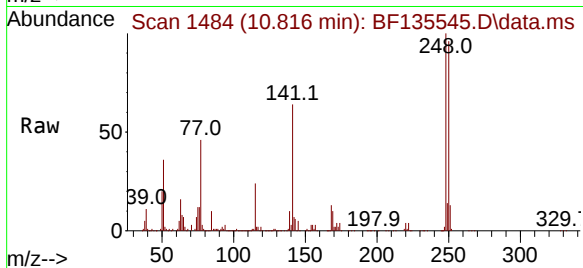
ClientSampleId :

PB155919BS

Tgt Ion:248 Resp: 268769
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 63.8 54.2 81.2

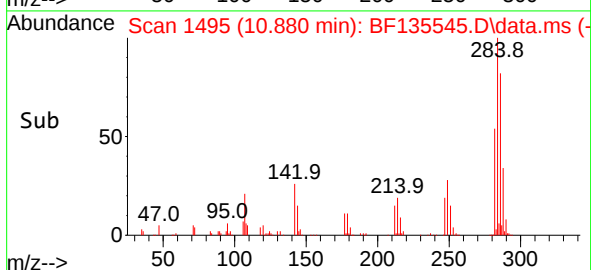
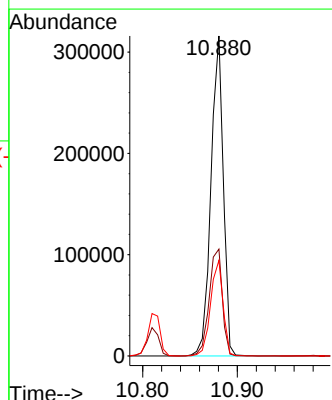
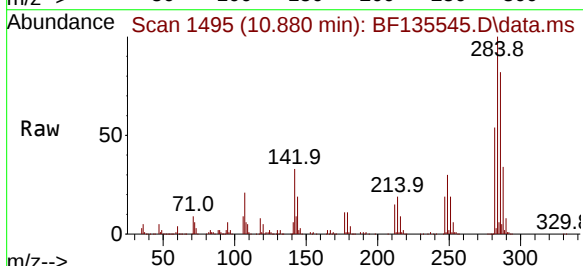
Manual Integrations
APPROVED

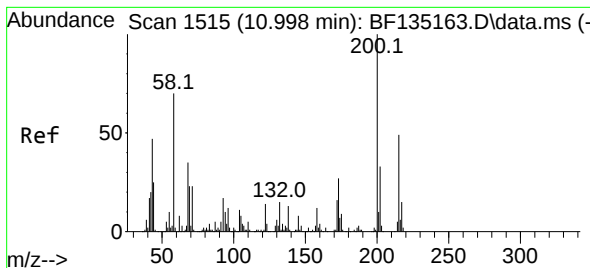
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#68
Hexachlorobenzene
Concen: 51.331 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:284 Resp: 285861
Ion Ratio Lower Upper
284 100
142 33.4 22.2 33.4#
249 29.9 22.5 33.7





#69

Atrazine

Concen: 57.068 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF135545.D

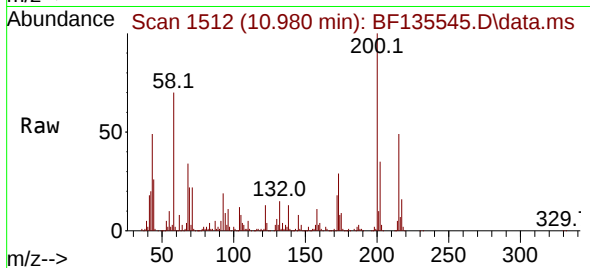
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS



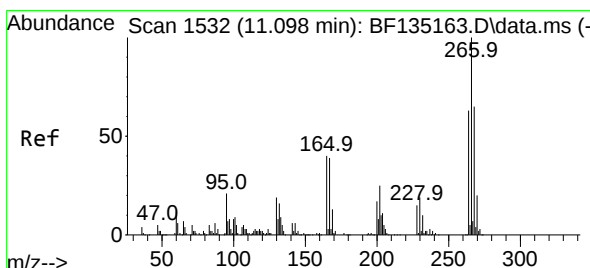
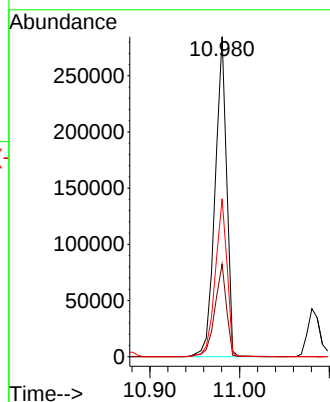
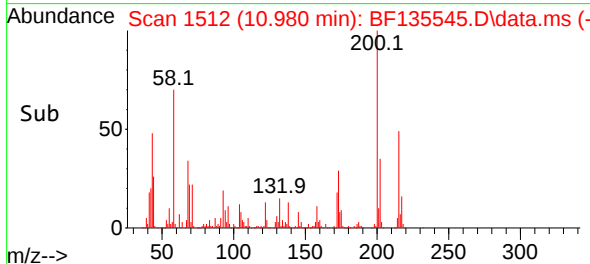
Tgt Ion:	200	Resp:	25550
Ion Ratio	Lower	Upper	
200	100		
173	28.9	7.4	47.4
215	49.3	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#70

Pentachlorophenol

Concen: 78.442 ng

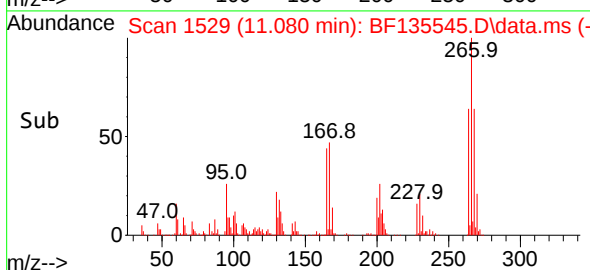
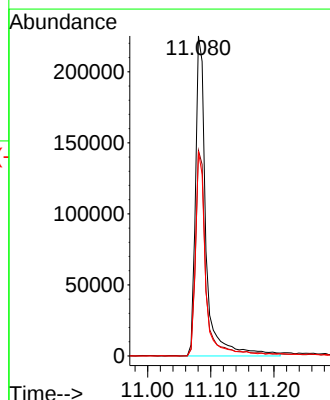
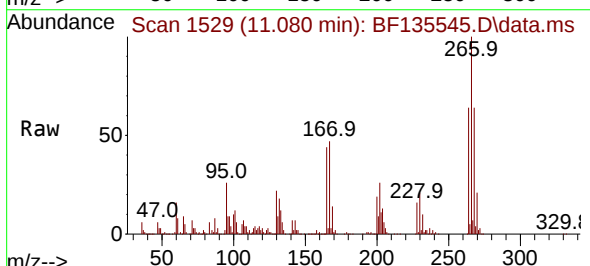
RT: 11.080 min Scan# 1529

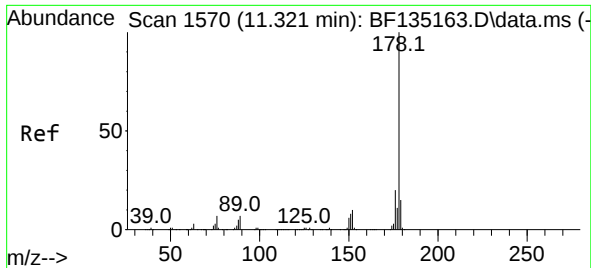
Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

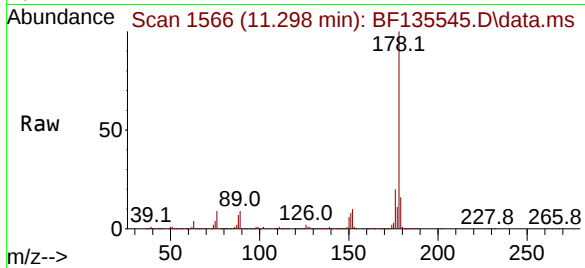
Tgt Ion:	266	Resp:	261362
Ion Ratio	Lower	Upper	
266	100		
268	64.3	52.1	78.1
264	63.9	50.8	76.2





#71
Phenanthrene
Concen: 50.904 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

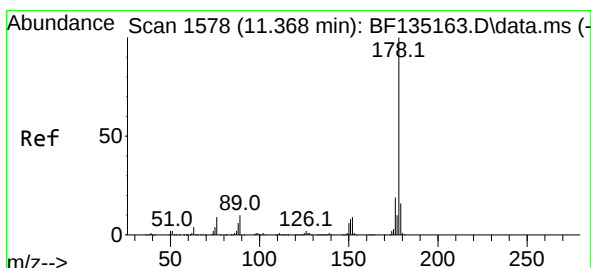
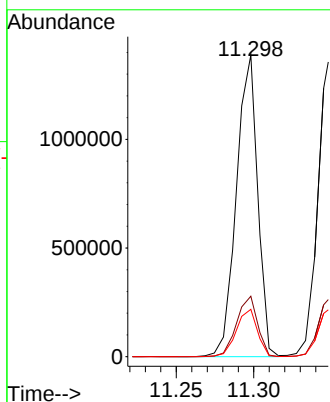
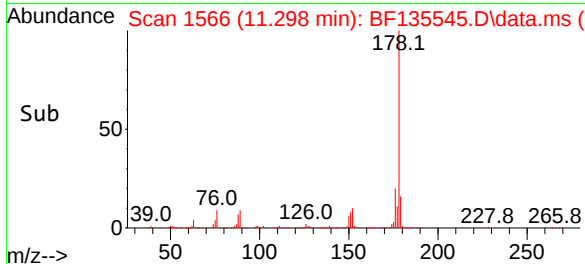
Instrument :
BNA_F
ClientSampleId :
PB155919BS



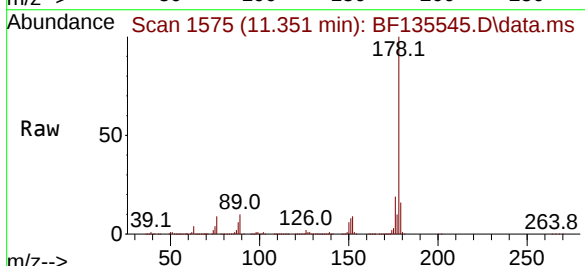
Tgt Ion:178 Resp: 1323228
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.7 12.0 18.0

Manual Integrations
APPROVED

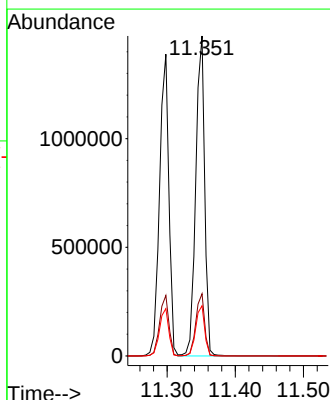
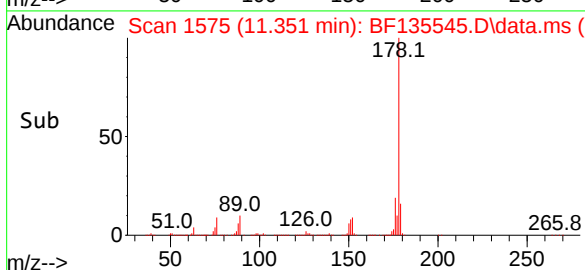
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

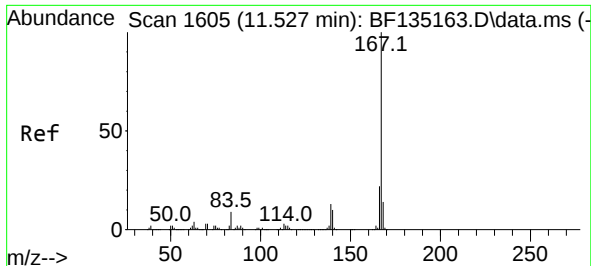


#72
Anthracene
Concen: 49.774 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



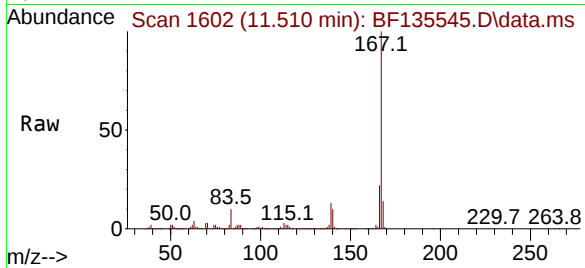
Tgt Ion:178 Resp: 1329942
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 53.682 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF135545.D
 Acq: 03 Oct 2023 16:37

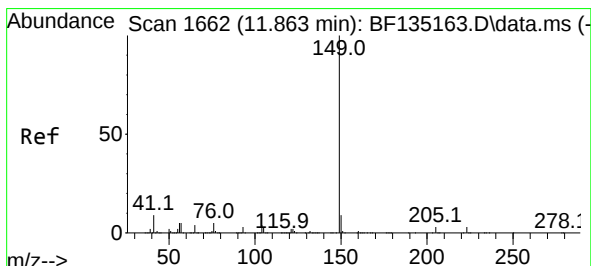
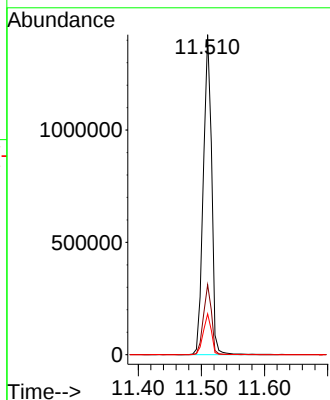
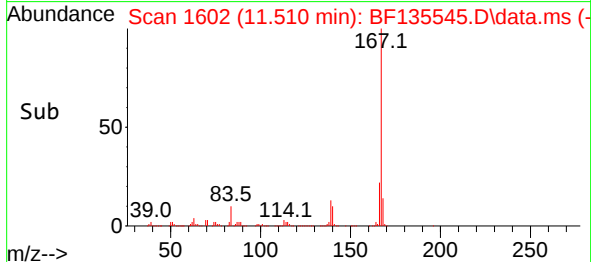
Instrument :
 BNA_F
 ClientSampleId :
 PB155919BS



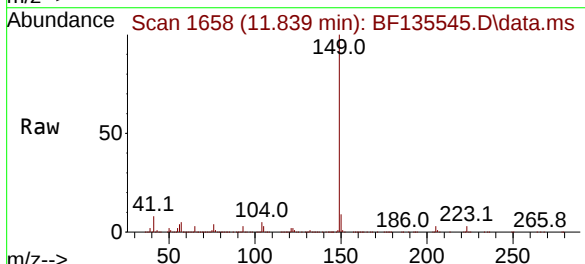
Tgt Ion:167 Resp: 1305719
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

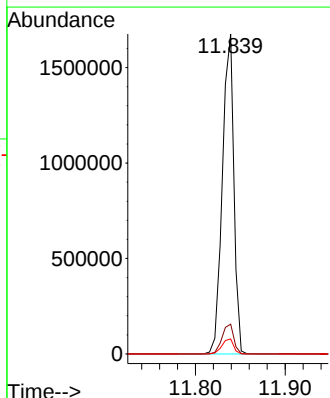
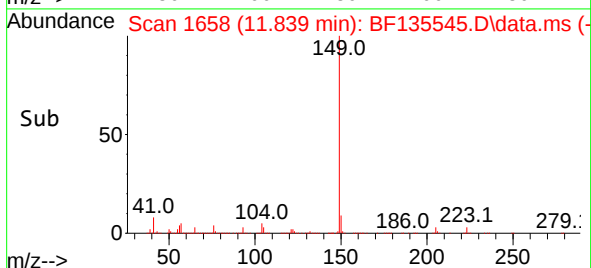
Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

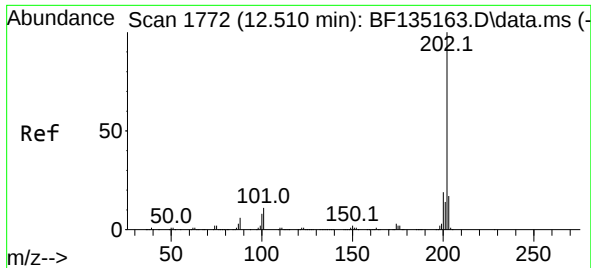


#74
 Di-n-butylphthalate
 Concen: 51.963 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.006 min
 Lab File: BF135545.D
 Acq: 03 Oct 2023 16:37



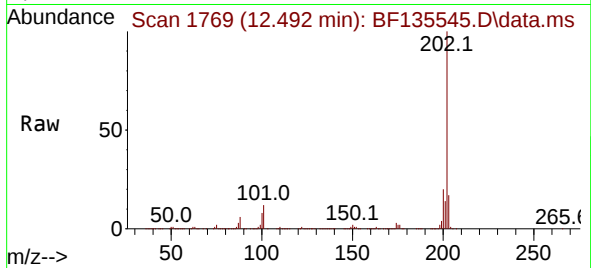
Tgt Ion:149 Resp: 1489325
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 52.575 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

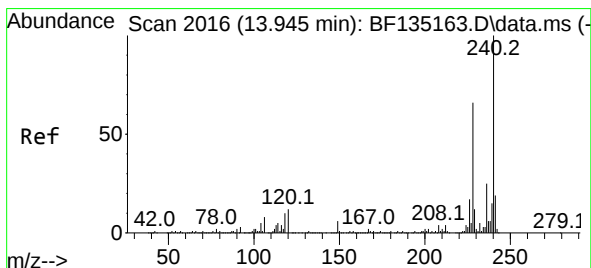
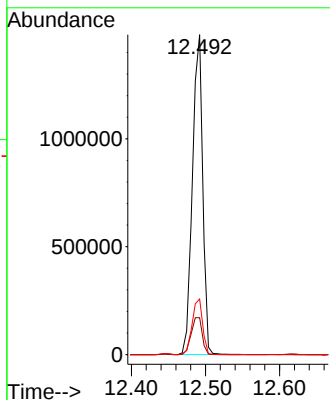
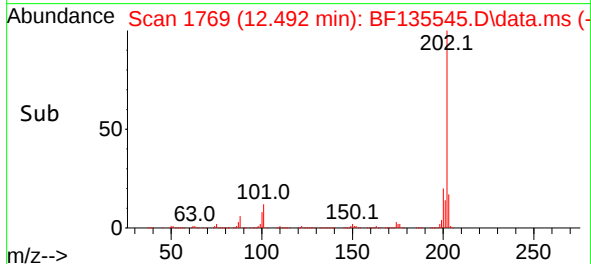
Instrument :
BNA_F
ClientSampleId :
PB155919BS



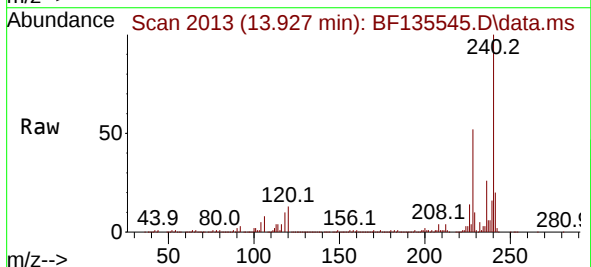
Tgt Ion:202 Resp: 142404
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.3
203 17.4 0.0 37.4

Manual Integrations
APPROVED

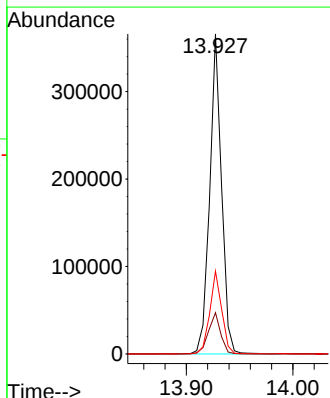
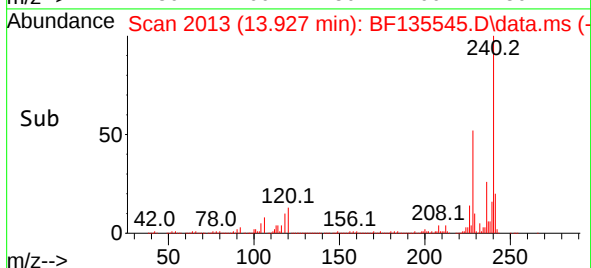
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

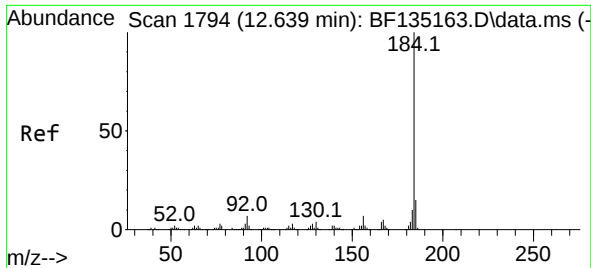


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



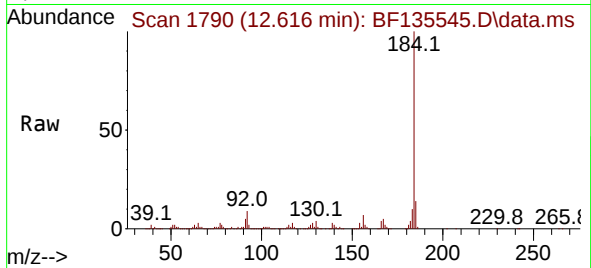
Tgt Ion:240 Resp: 282135
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 25.9 19.8 29.8





#77
Benzidine
Concen: 85.185 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

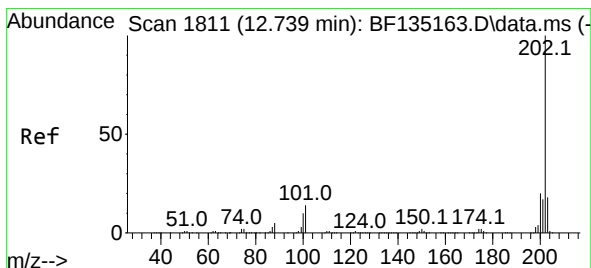
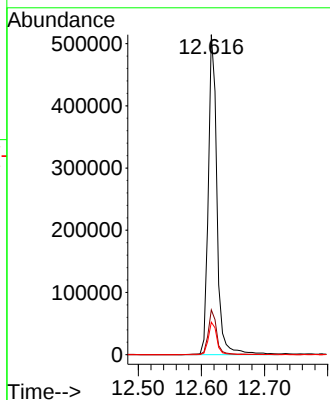
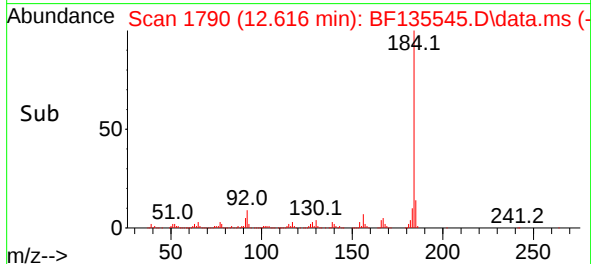
Instrument :
BNA_F
ClientSampleId :
PB155919BS



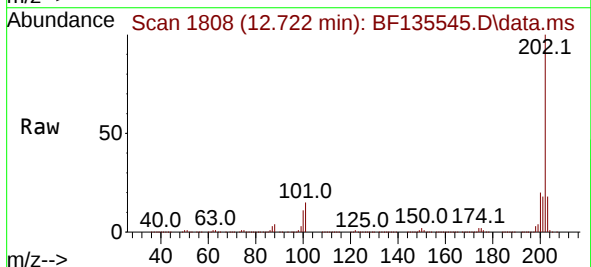
Tgt Ion:184 Resp: 49237
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.2 8.2 12.4

Manual Integrations
APPROVED

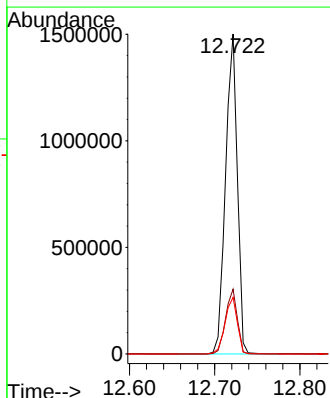
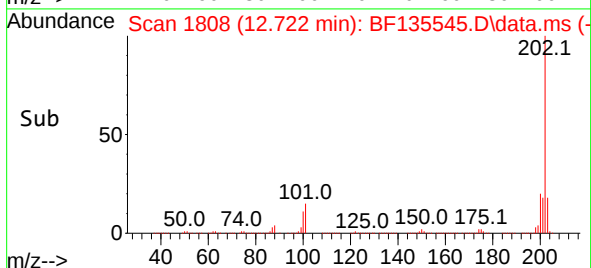
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

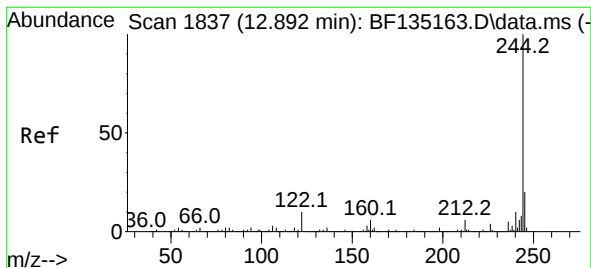


#78
Pyrene
Concen: 53.514 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37



Tgt Ion:202 Resp: 1437448
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 88.962 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135545.D

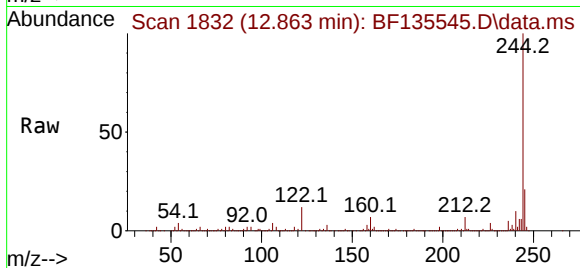
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS



Tgt Ion:244 Resp: 161911

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

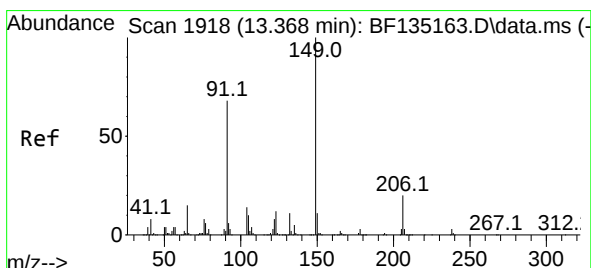
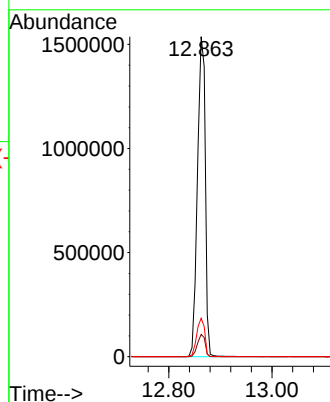
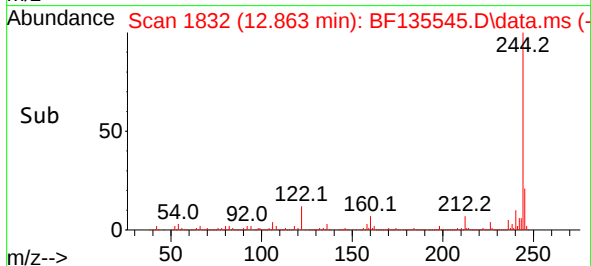
122 12.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#80

Butylbenzylphthalate

Concen: 61.863 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

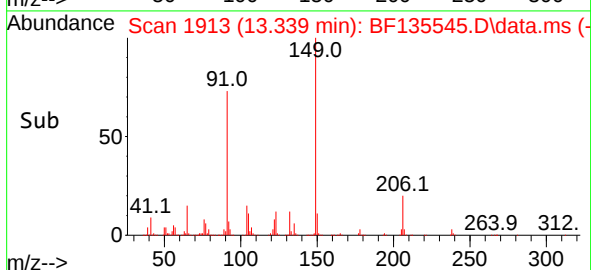
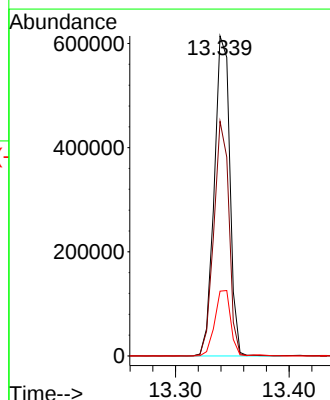
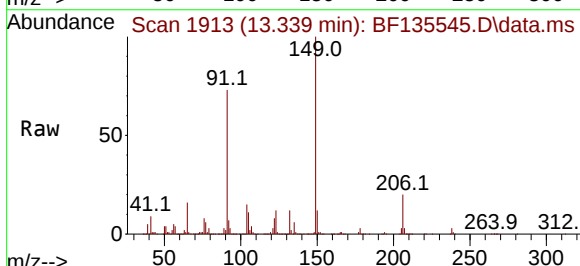
Tgt Ion:149 Resp: 585063

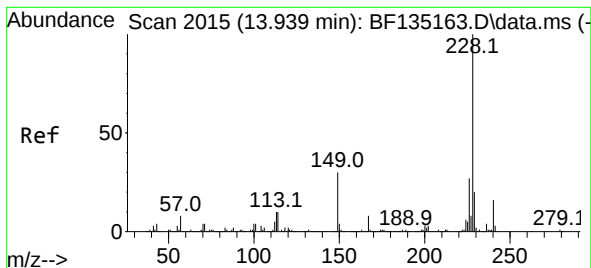
Ion Ratio Lower Upper

149 100

91 73.3 54.7 82.1

206 20.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 54.009 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF135545.D

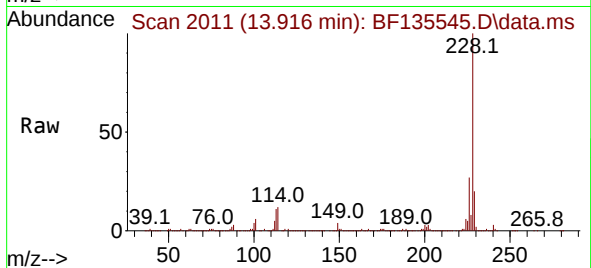
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS



Tgt Ion:228 Resp: 983948

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

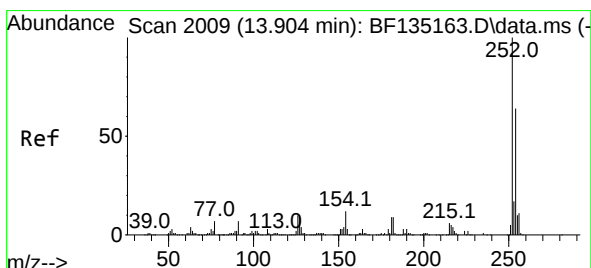
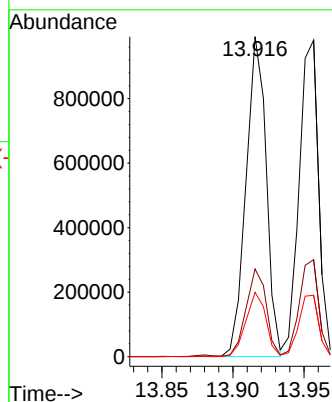
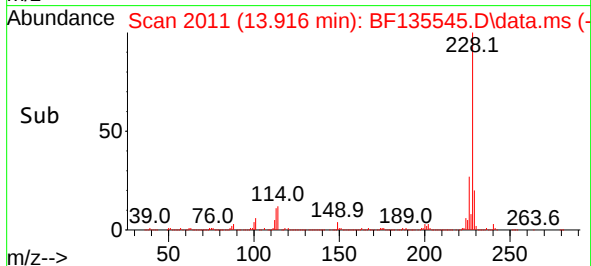
229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#82

3,3'-Dichlorobenzidine

Concen: 44.511 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

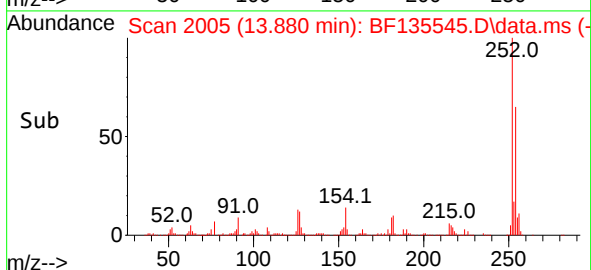
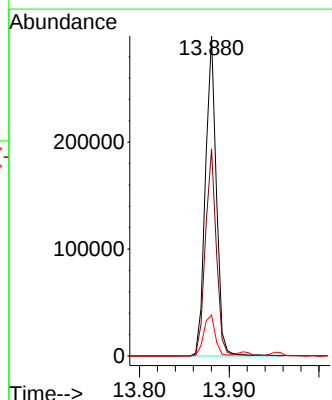
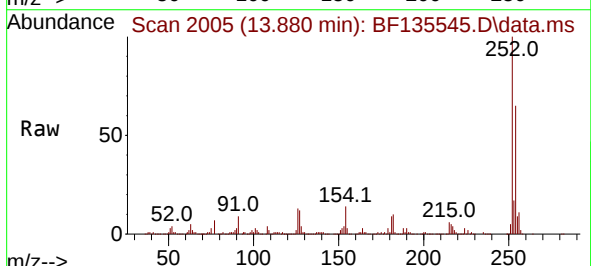
Tgt Ion:252 Resp: 253292

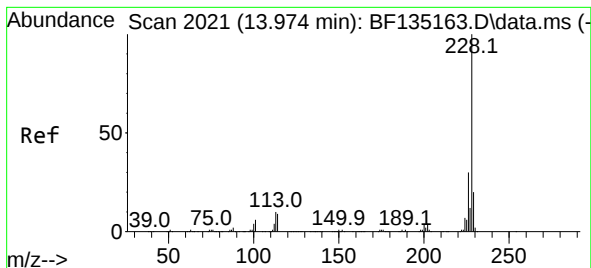
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.4

126 12.8 7.8 11.8#





#83

Chrysene

Concen: 51.774 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

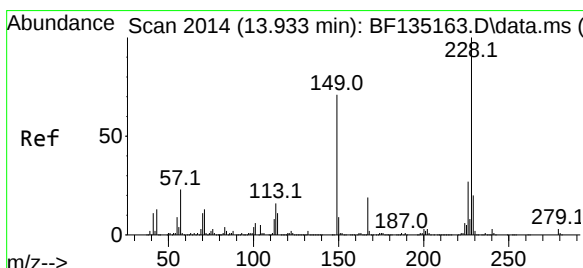
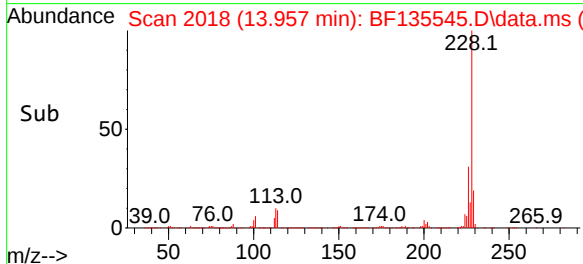
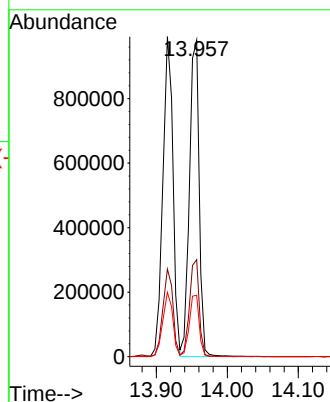
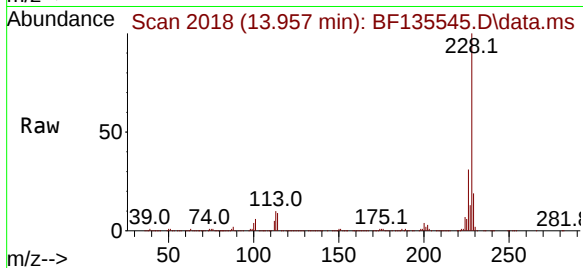
Tgt Ion:228	Resp: 93778
Ion Ratio	Lower Upper
228 100	
226 30.6	24.3 36.5
229 19.4	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.482 ng

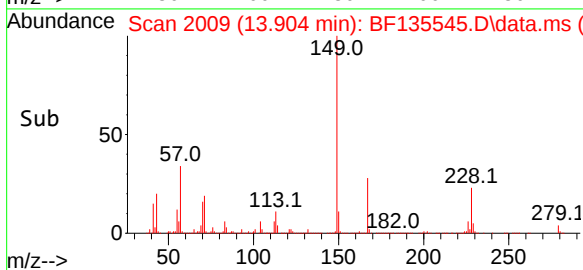
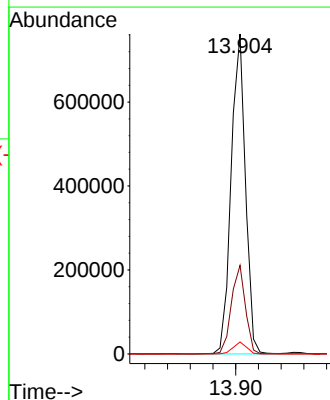
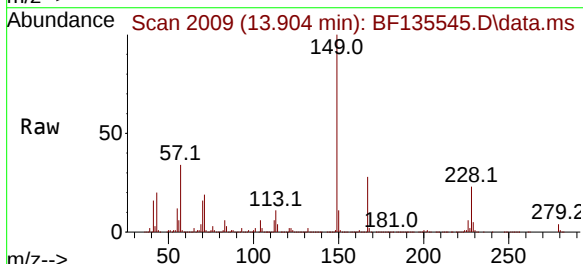
RT: 13.904 min Scan# 2009

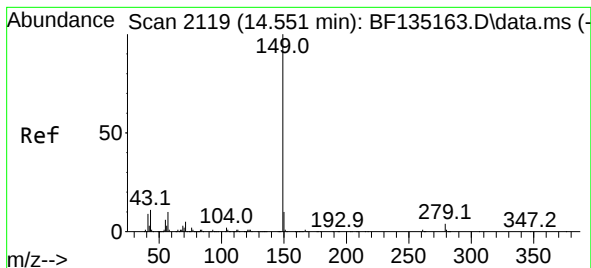
Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Tgt Ion:149	Resp: 664619
Ion Ratio	Lower Upper
149 100	
167 27.7	21.9 32.9
279 3.8	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 58.652 ng

RT: 14.516 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Tgt Ion:149 Resp: 90460

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

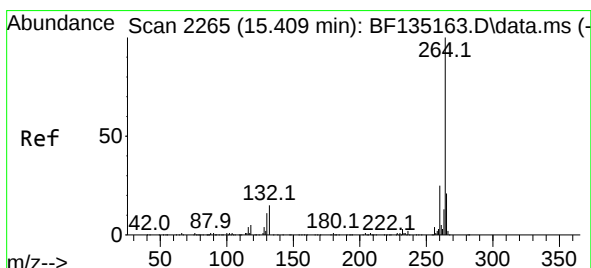
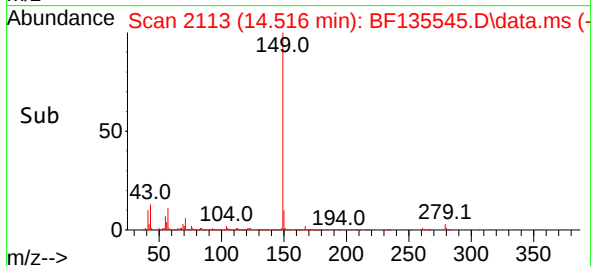
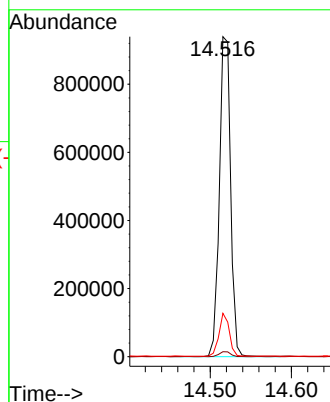
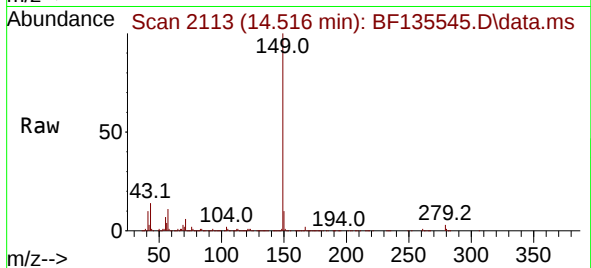
43 12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

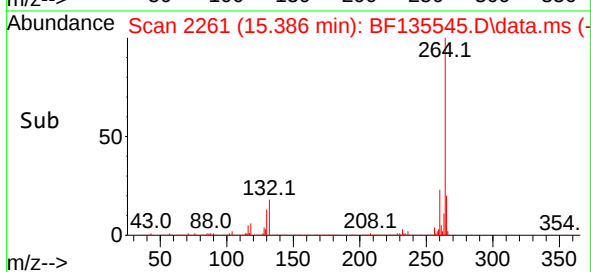
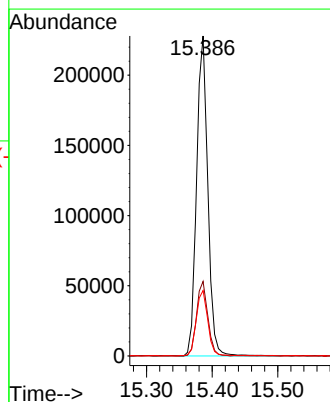
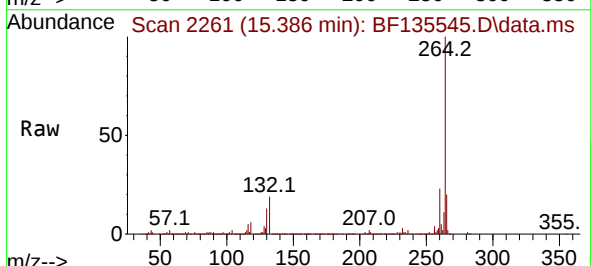
Tgt Ion:264 Resp: 271873

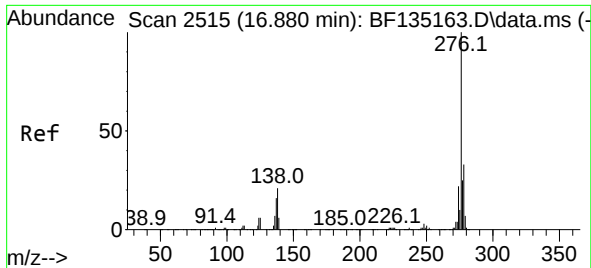
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 20.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.293 ng
RT: 16.874 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

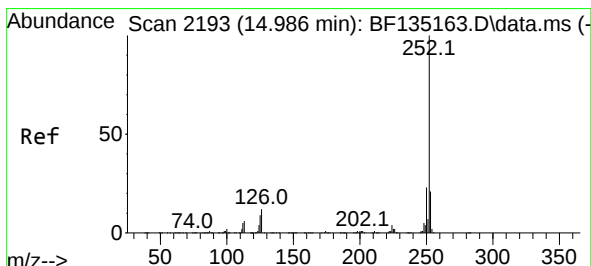
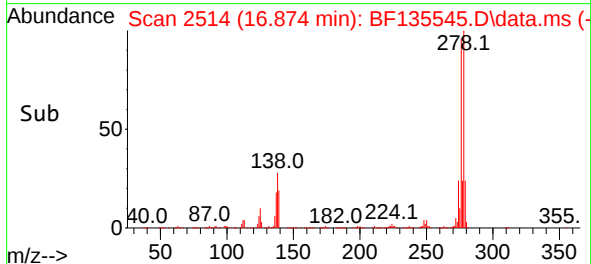
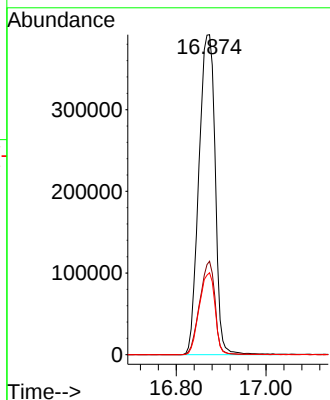
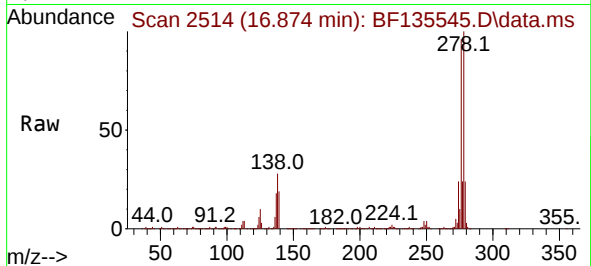
ClientSampleId :

PB155919BS

Tgt Ion:276 Resp: 985640
Ion Ratio Lower Upper
276 100
138 27.3 19.2 28.8
277 24.8 19.7 29.5

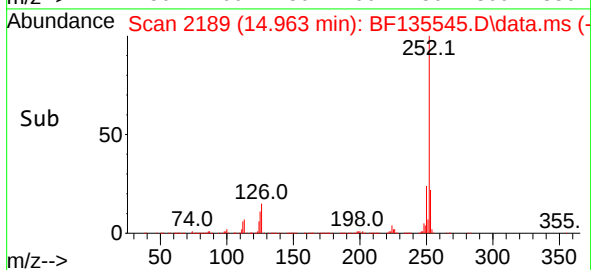
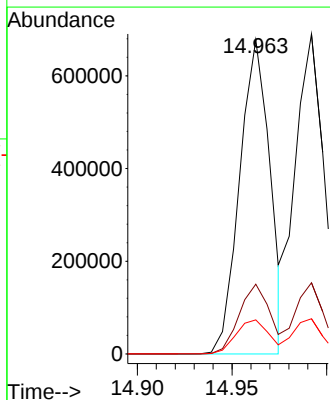
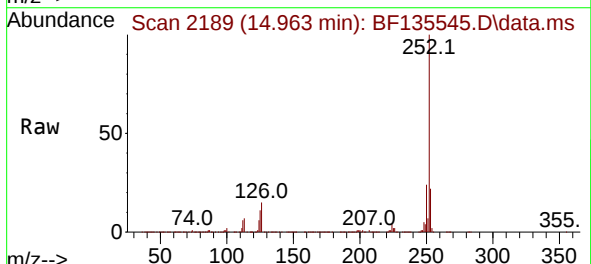
Manual Integrations
APPROVED

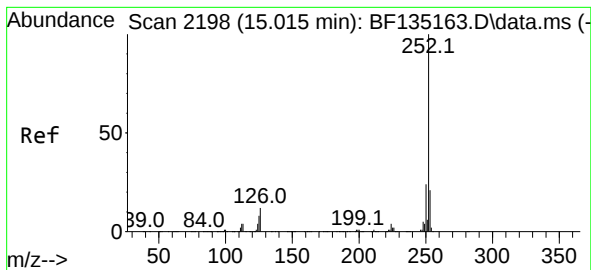
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#88
Benzo(b)fluoranthene
Concen: 51.535 ng
RT: 14.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:252 Resp: 758466
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.9 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 50.720 ng

RT: 14.992 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

PB155919BS

Tgt Ion:252 Resp: 73738

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

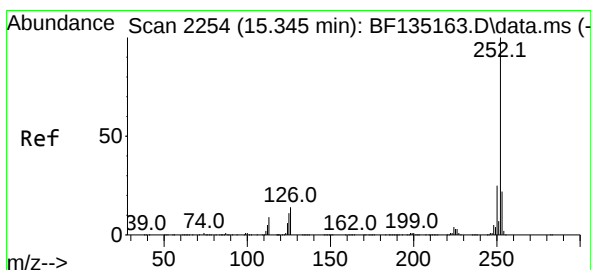
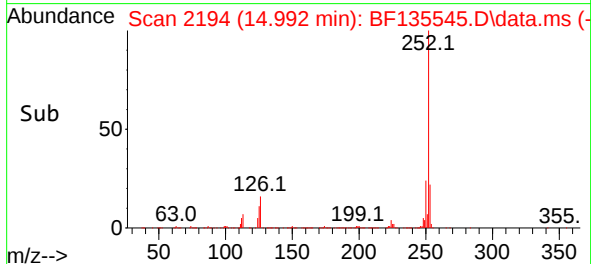
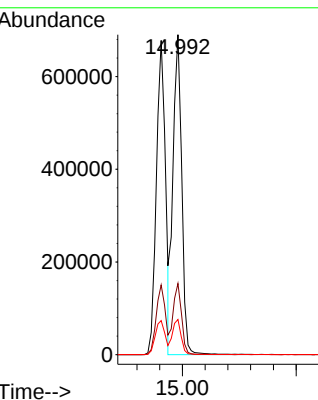
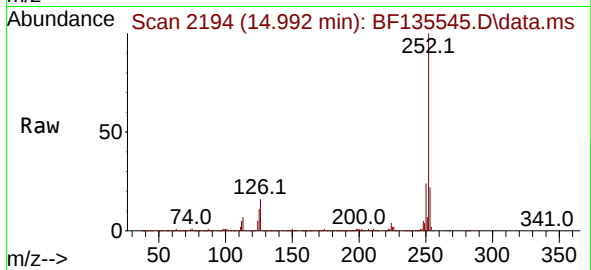
125 11.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#90

Benzo(a)pyrene

Concen: 50.506 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.006 min

Lab File: BF135545.D

Acq: 03 Oct 2023 16:37

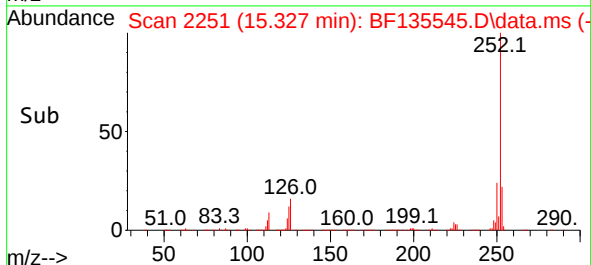
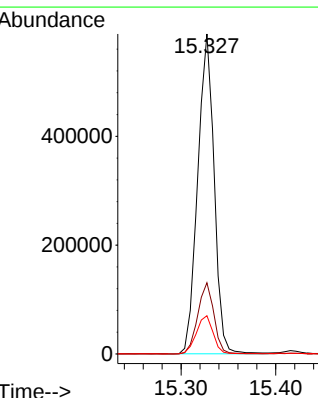
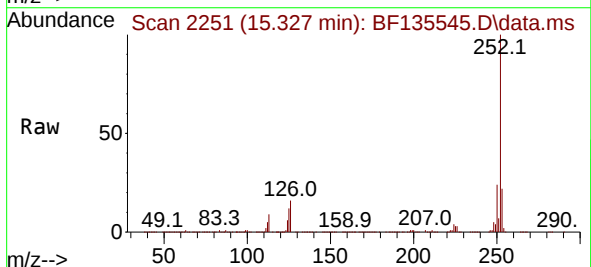
Tgt Ion:252 Resp: 708860

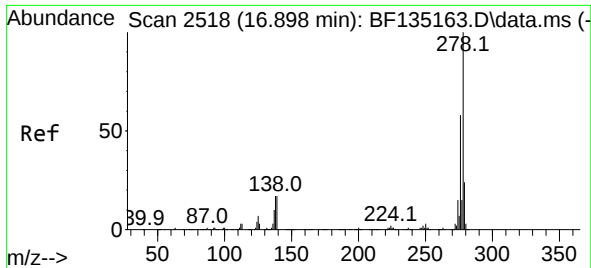
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.9 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 54.364 ng
RT: 16.880 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

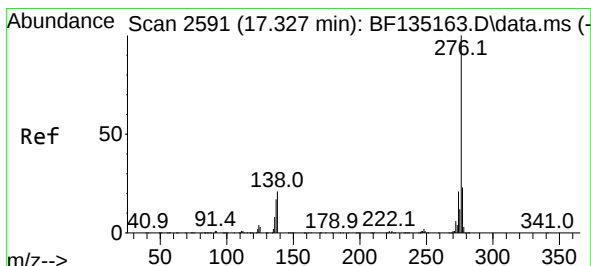
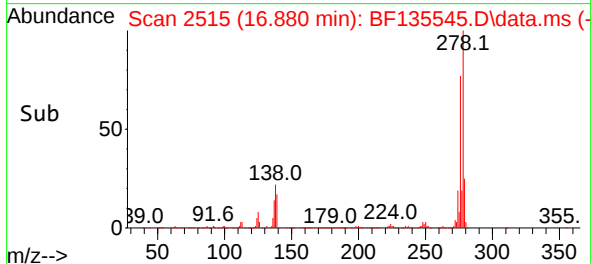
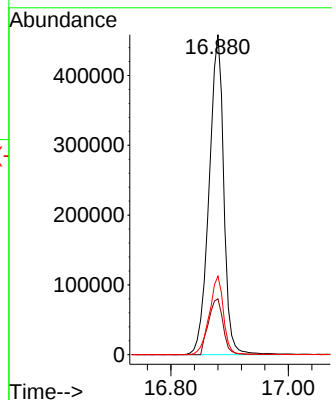
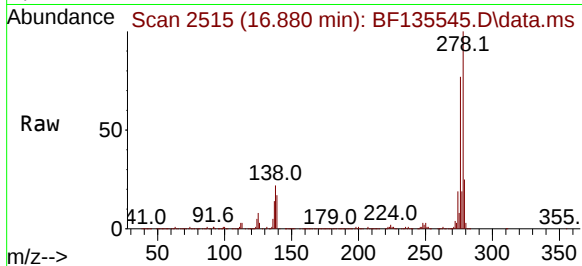
PB155919BS

Tgt Ion:278 Resp: 79291
Ion Ratio Lower Upper
278 100
139 17.5 13.4 20.0
279 24.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#92
Benzo(g,h,i)perylene
Concen: 55.775 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BF135545.D
Acq: 03 Oct 2023 16:37

Tgt Ion:276 Resp: 849598
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 24.8 16.9 25.3

