

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135173.D
 Acq On : 12 Sep 2023 10:28
 Operator : CG\JU
 Sample : PB155443BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155443BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 01:58:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	105804	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	422288	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	212013	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	409868	20.000	ng	0.00
76) Chrysene-d12	13.951	240	211267	20.000	ng	0.00
86) Perylene-d12	15.409	264	205816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	850827	130.791	ng	0.02
7) Phenol-d6	6.410	99	1056510	127.725	ng	0.00
23) Nitrobenzene-d5	7.333	82	669034	86.074	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	279570	132.693	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1194381	84.994	ng	0.00
79) Terphenyl-d14	12.892	244	1189309	87.267	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	105849	37.117	ng	99
3) Pyridine	3.310	79	280497	36.546	ng	99
4) n-Nitrosodimethylamine	3.275	42	190154	46.688	ng	100
6) Aniline	6.434	93	422255	38.928	ng	99
8) 2-Chlorophenol	6.551	128	334962	48.235	ng	98
9) Benzaldehyde	6.322	77	205335	43.575	ng	99
10) Phenol	6.422	94	405862	44.746	ng	93
11) bis(2-Chloroethyl)ether	6.510	93	313667	46.102	ng	100
12) 1,3-Dichlorobenzene	6.704	146	331658	46.994	ng	99
13) 1,4-Dichlorobenzene	6.781	146	334571	46.596	ng	98
14) 1,2-Dichlorobenzene	6.934	146	319795	47.959	ng	99
15) Benzyl Alcohol	6.916	79	284111	47.865	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	590344	46.033	ng	99
17) 2-Methylphenol	7.028	107	261587	42.686	ng	99
18) Hexachloroethane	7.269	117	126326	47.615	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	222313	43.391	ng	99
20) 3+4-Methylphenols	7.181	107	308897	41.919	ng	97
22) Acetophenone	7.181	105	428848	44.419	ng	99
24) Nitrobenzene	7.351	77	343995	44.776	ng	100
25) Isophorone	7.592	82	641458	44.943	ng	100
26) 2-Nitrophenol	7.663	139	174292	47.269	ng	99
27) 2,4-Dimethylphenol	7.704	122	290199	46.823	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	392227	45.914	ng	99
29) 2,4-Dichlorophenol	7.904	162	260400	45.343	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	280102	46.663	ng	98
31) Naphthalene	8.069	128	936625	45.650	ng	99
32) Benzoic acid	7.845	122	208960	44.774	ng	96
33) 4-Chloroaniline	8.122	127	327355	36.365	ng	99
34) Hexachlorobutadiene	8.180	225	169075	46.712	ng	99
35) Caprolactam	8.492	113	90708m	47.062	ng	
36) 4-Chloro-3-methylphenol	8.610	107	294527	46.144	ng	99
37) 2-Methylnaphthalene	8.757	142	597629	43.332	ng	99
38) 1-Methylnaphthalene	8.857	142	556752	43.117	ng	100
40) 1,2,4,5-Tetrachloroben...	8.927	216	279595	45.520	ng	99
41) Hexachlorocyclopentadiene	8.910	237	273045	98.960	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	191446	47.605	ng	99

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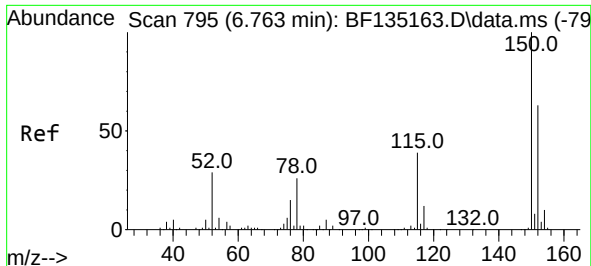
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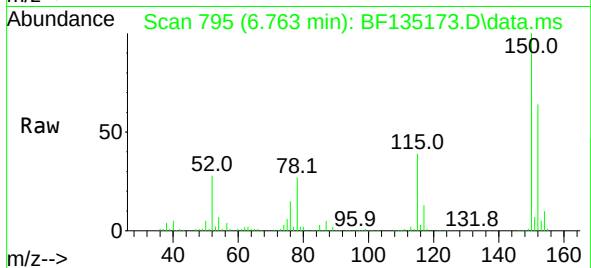
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	202847	43.799	ng	97
46) 1,1'-Biphenyl	9.227	154	734318	45.070	ng	99
47) 2-Chloronaphthalene	9.251	162	554146	46.876	ng	99
48) 2-Nitroaniline	9.351	65	212452	46.260	ng	95
49) Acenaphthylene	9.663	152	890700	45.337	ng	99
50) Dimethylphthalate	9.533	163	655482	45.728	ng	100
51) 2,6-Dinitrotoluene	9.598	165	148694	47.352	ng	88
52) Acenaphthene	9.839	154	526973	45.405	ng	100
53) 3-Nitroaniline	9.769	138	149335	40.514	ng	90
54) 2,4-Dinitrophenol	9.880	184	164536	91.338	ng	98
55) Dibenzofuran	10.010	168	789068	44.554	ng	97
56) 4-Nitrophenol	9.939	139	243407	103.902	ng	97
57) 2,4-Dinitrotoluene	10.004	165	184878	47.028	ng	95
58) Fluorene	10.357	166	611627	44.922	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	170564	47.877	ng	100
60) Diethylphthalate	10.233	149	658041	45.743	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	289527	44.268	ng	99
62) 4-Nitroaniline	10.386	138	164161	46.332	ng	99
63) Azobenzene	10.510	77	640328	45.480	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	108368	49.780	ng	88
66) n-Nitrosodiphenylamine	10.469	169	571166	46.030	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	182454	44.758	ng	93
68) Hexachlorobenzene	10.904	284	207113	49.871	ng	98
69) Atrazine	11.004	200	180601	54.091	ng	99
70) Pentachlorophenol	11.098	266	218686	88.013	ng	98
71) Phenanthrene	11.321	178	898549	46.353	ng	100
72) Anthracene	11.374	178	906321	45.485	ng	99
73) Carbazole	11.533	167	855574	47.168	ng	99
74) Di-n-butylphthalate	11.863	149	993574	46.486	ng	100
75) Fluoranthene	12.510	202	943809	46.726	ng	99
77) Benzidine	12.639	184	427690	98.815	ng	100
78) Pyrene	12.745	202	940894	46.778	ng	100
80) Butylbenzylphthalate	13.368	149	343591	48.517	ng	97
81) Benzo(a)anthracene	13.939	228	635407	46.577	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	210637	49.432	ng	99
83) Chrysene	13.974	228	616004	45.417	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	357010	49.126	ng	99
85) Di-n-octyl phthalate	14.551	149	573973	49.699	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	671361	49.750	ng	98
88) Benzo(b)fluoranthene	14.986	252	554636	49.781	ng	100
89) Benzo(k)fluoranthene	15.015	252	542052	49.251	ng	100
90) Benzo(a)pyrene	15.345	252	484941	45.642	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	546277	49.475	ng	98
92) Benzo(g,h,i)perylene	17.333	276	567785	49.238	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

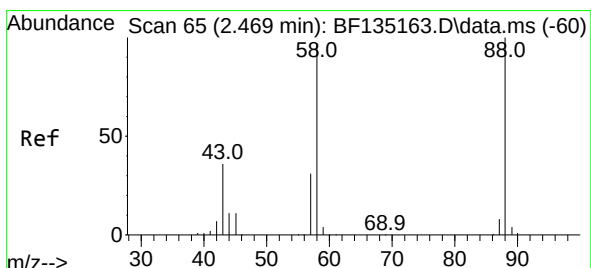
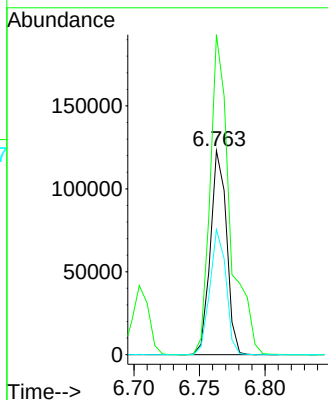
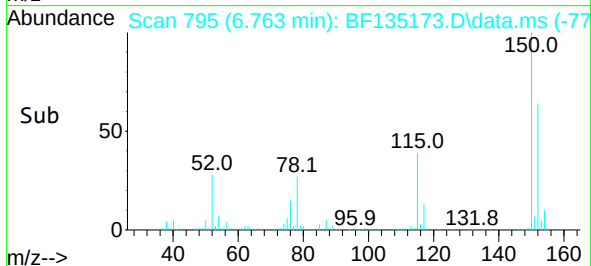
Instrument :
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PB155443BS



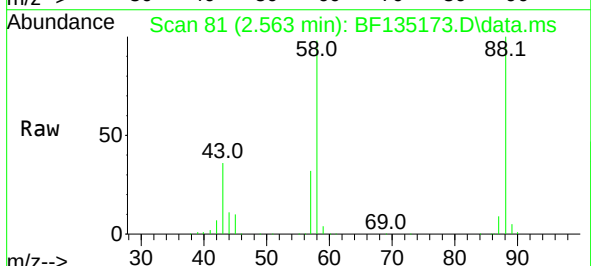
Tgt Ion:152 Resp: 105804
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 61.3 49.8 74.8

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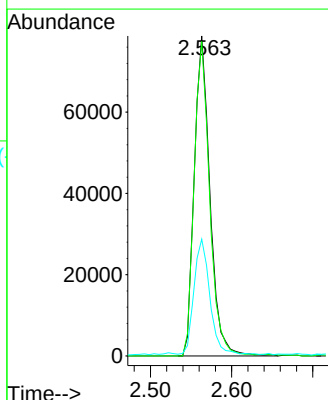
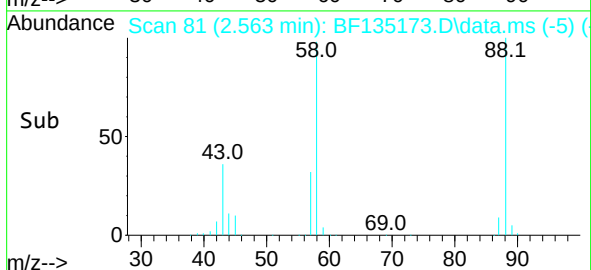
Reviewed By :Yogesh Patel 09/13/2023
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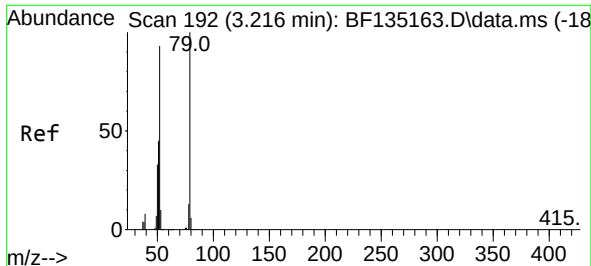


#2
1,4-Dioxane
Concen: 37.117 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.094 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



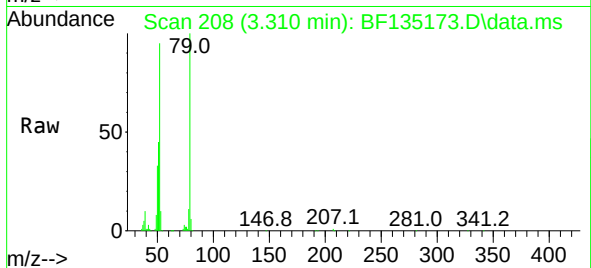
Tgt Ion: 88 Resp: 105849
Ion Ratio Lower Upper
88 100
58 97.1 78.3 117.5
43 36.3 29.4 44.0





#3
Pyridine
Concen: 36.546 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

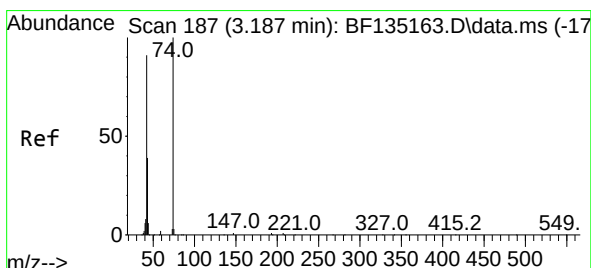
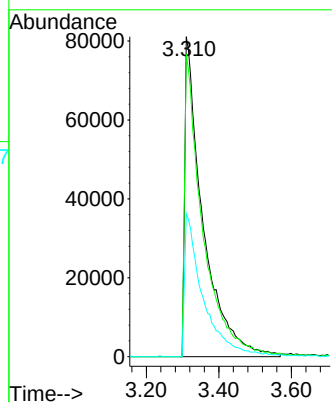
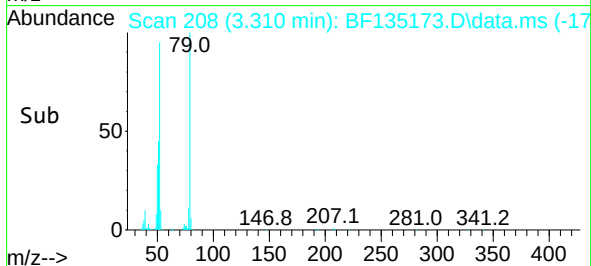
Instrument :
BNA_F
ClientSampleId :
PB155443BS



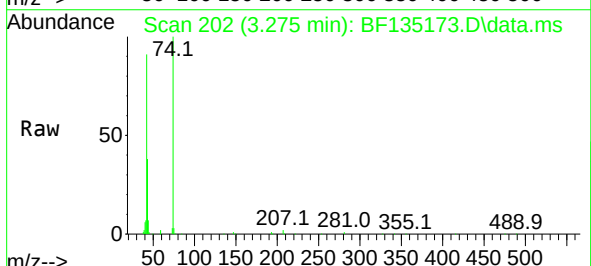
Tgt Ion: 79 Resp: 28049
Ion Ratio Lower Upper
79 100
52 94.5 74.1 111.1
51 44.7 35.8 53.8

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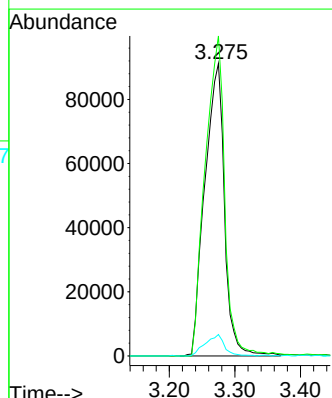
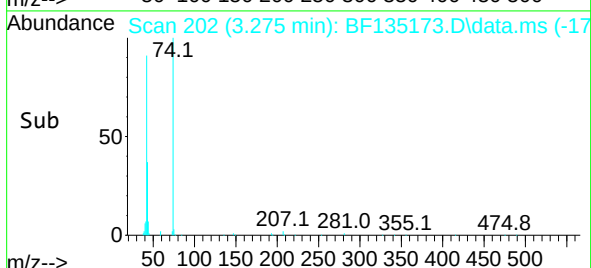
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

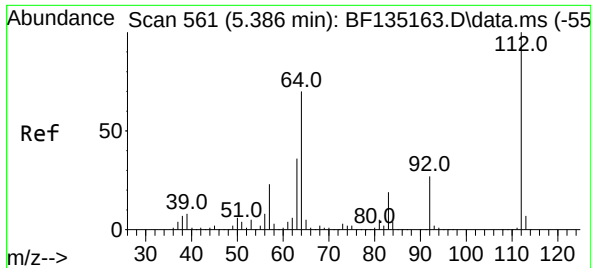


#4
n-Nitrosodimethylamine
Concen: 46.688 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion: 42 Resp: 190154
Ion Ratio Lower Upper
42 100
74 109.4 87.7 131.5
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 130.791 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

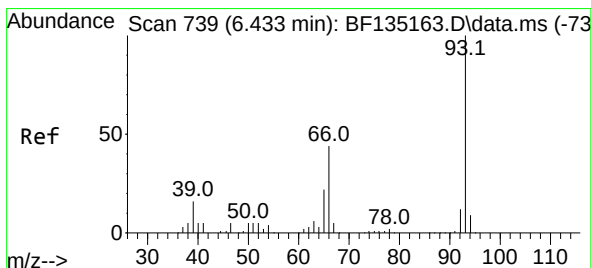
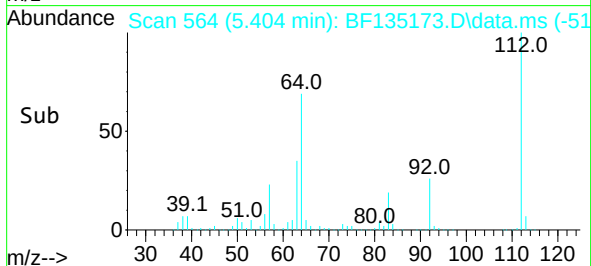
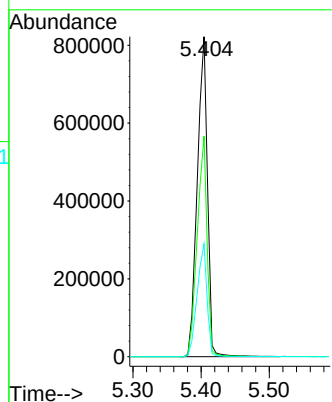
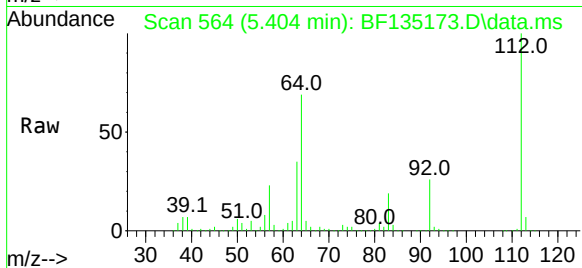
ClientSampleId :

PB155443BS

Tgt Ion:112 Resp: 850827
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 35.2 29.0 43.6

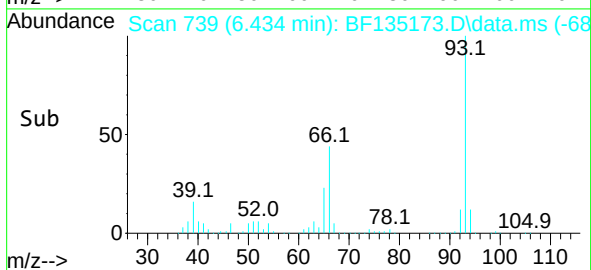
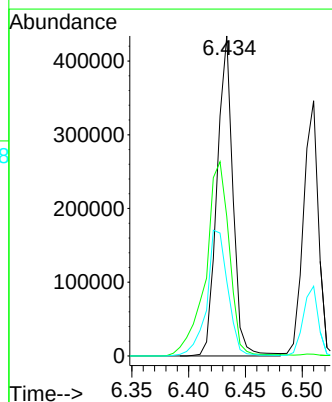
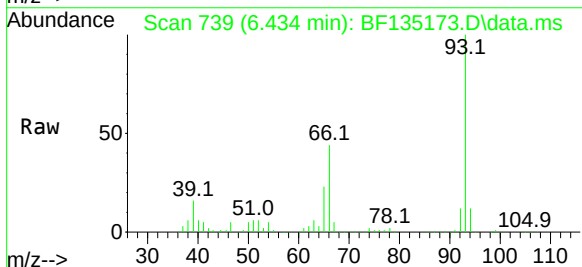
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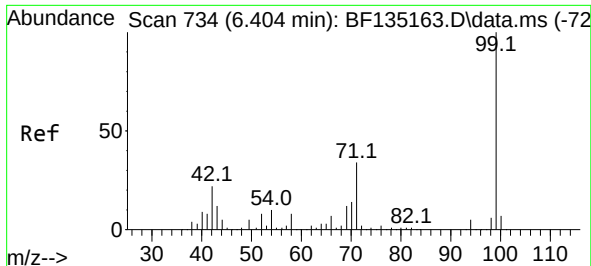
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 38.928 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Tgt Ion: 93 Resp: 422255
Ion Ratio Lower Upper
93 100
66 43.6 35.4 53.0
65 23.4 17.8 26.8





#7

Phenol-d6

Concen: 127.725 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

Tgt Ion: 99 Resp: 1056510

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

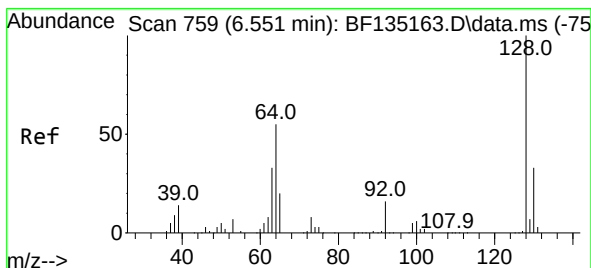
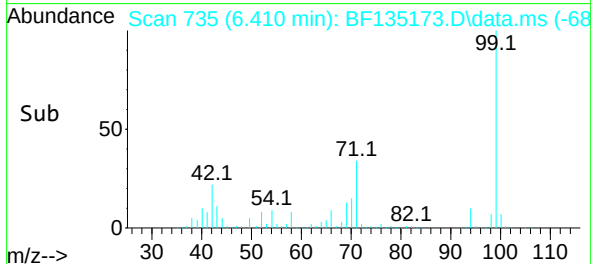
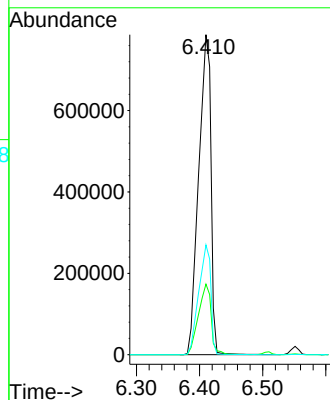
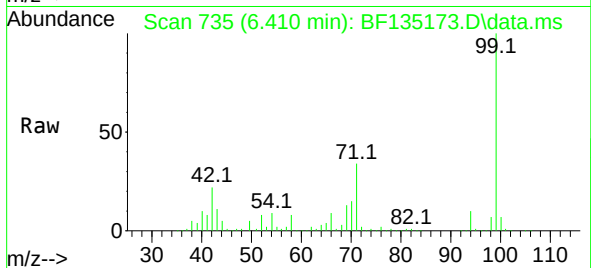
71 34.3 27.0 40.6

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#8

2-Chlorophenol

Concen: 48.235 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135173.D

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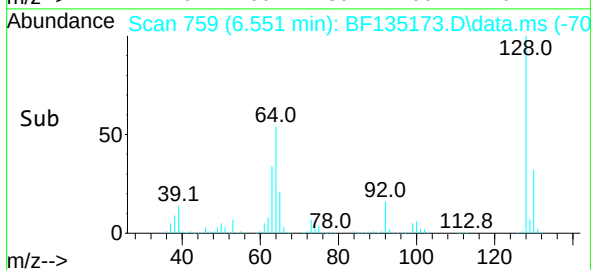
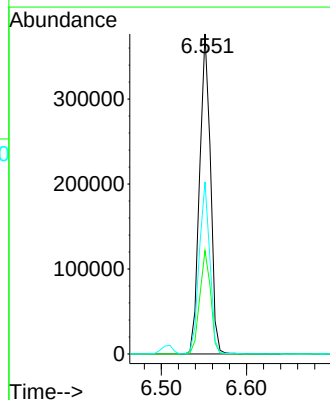
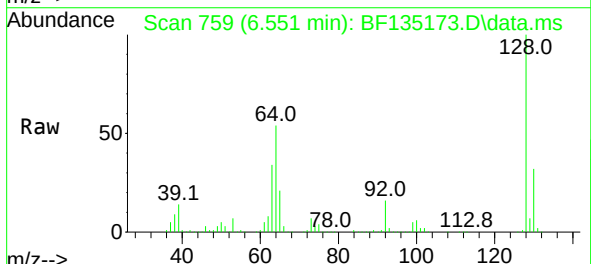
Tgt Ion:128 Resp: 334962

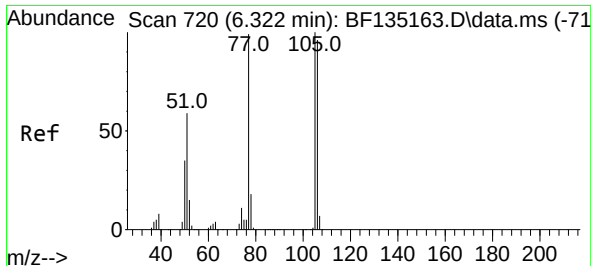
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 53.7 35.9 75.9





#9

Benzaldehyde

Concen: 43.575 ng

RT: 6.322 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135173.D

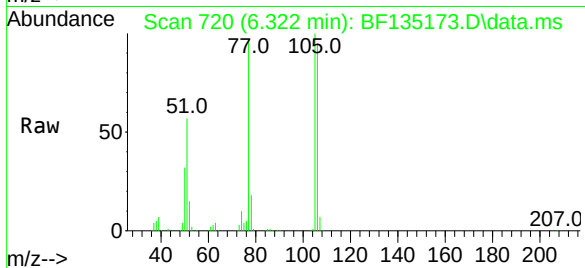
Acq: 12 Sep 2023 10:28

Instrument :

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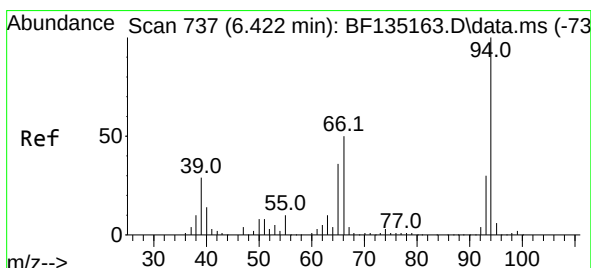
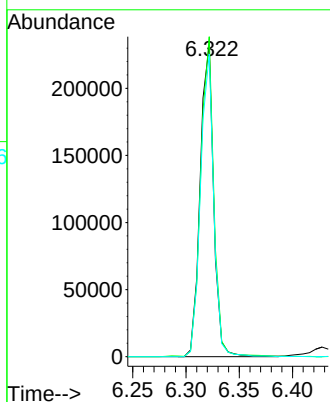
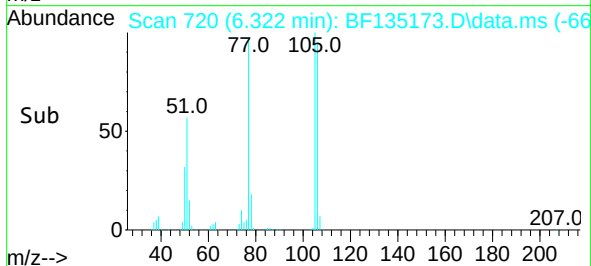
Tgt Ion:	77	Resp:	20533
Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.4	121.4
106	97.1	76.9	116.9

Manual Integrations

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#10

Phenol

Concen: 44.746 ng

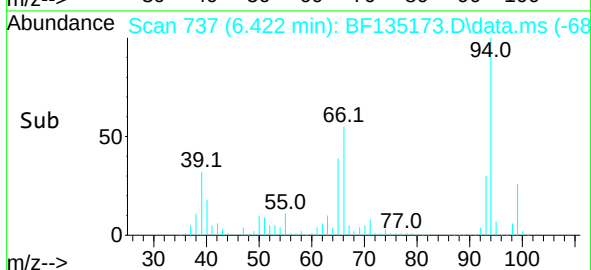
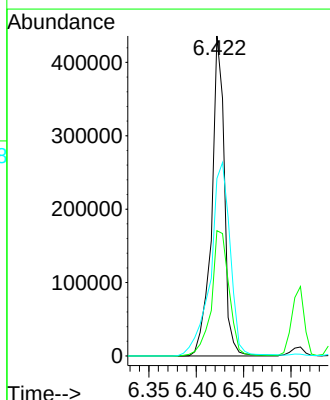
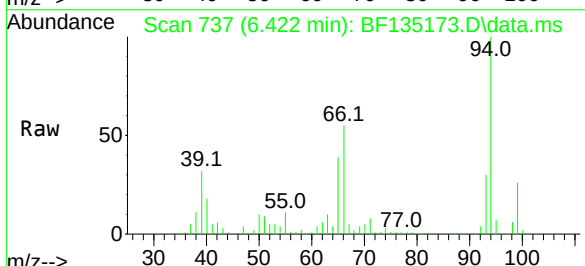
RT: 6.422 min Scan# 737

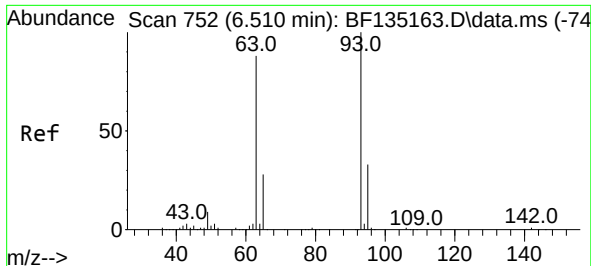
Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Tgt Ion:	94	Resp:	405862
Ion	Ratio	Lower	Upper
94	100		
65	39.1	15.9	55.9
66	55.4	29.8	69.8





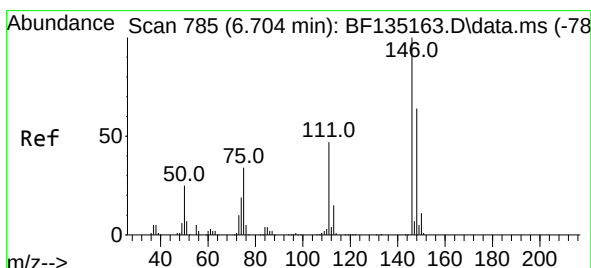
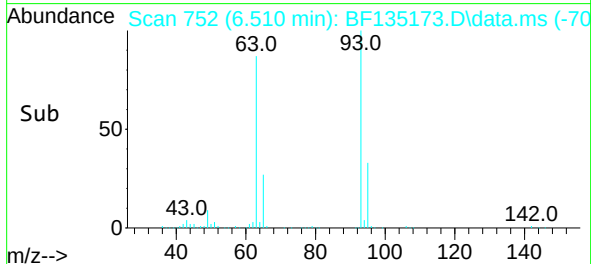
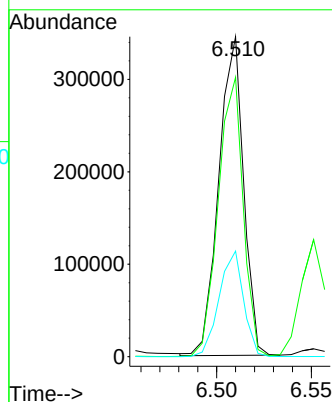
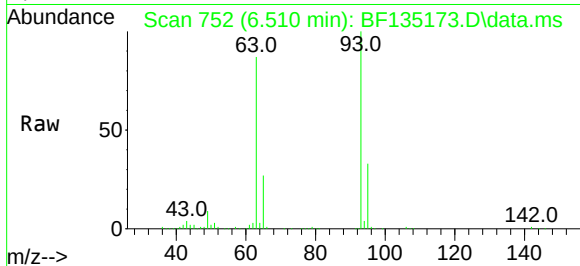
#11
bis(2-Chloroethyl)ether
Concen: 46.102 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :
BNA_F
ClientSampleId :
PB155443BS

Tgt Ion: 93 Resp: 31366
Ion Ratio Lower Upper
93 100
63 87.3 67.3 107.3
95 33.0 12.7 52.7

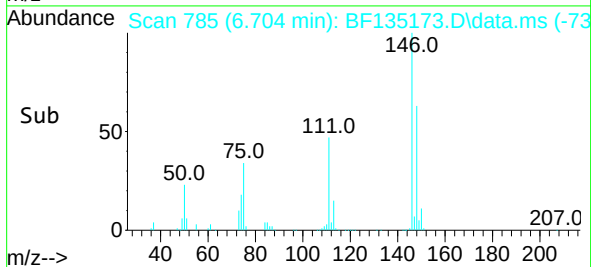
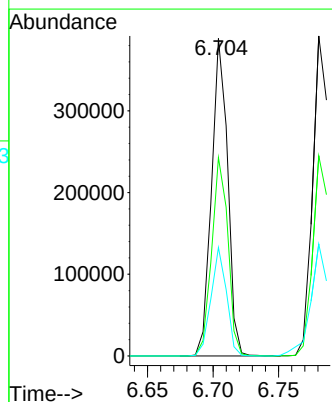
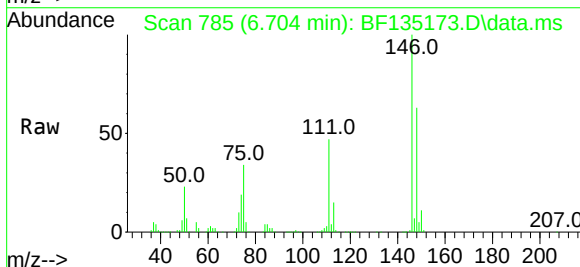
Manual Integrations
APPROVED

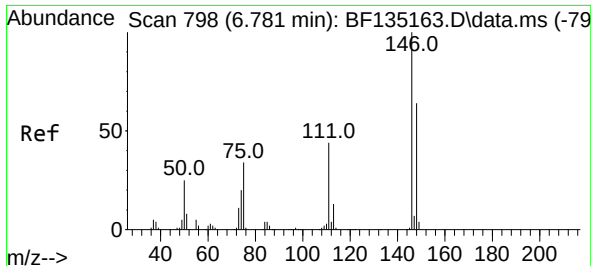
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 46.994 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Tgt Ion:146 Resp: 331658
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
75 34.2 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 46.596 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

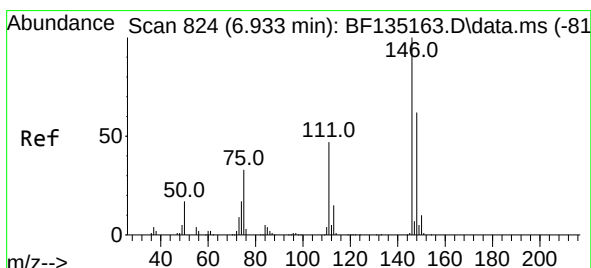
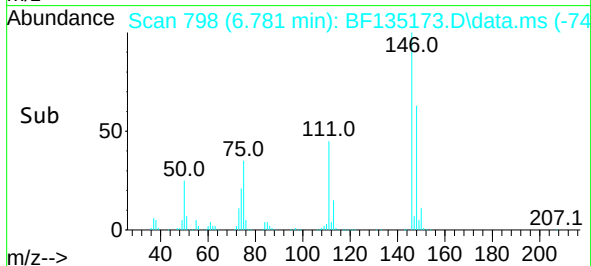
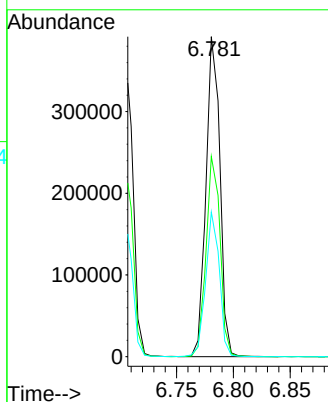
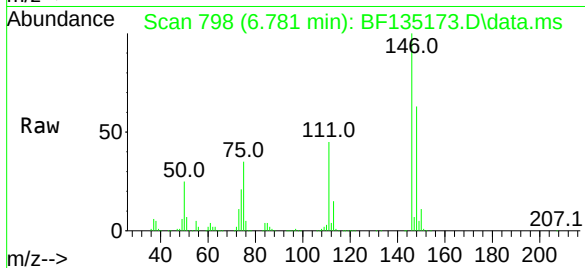
ClientSampleId :

PB155443BS

Tgt Ion:146 Resp: 33457
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
111 45.2 35.1 52.7

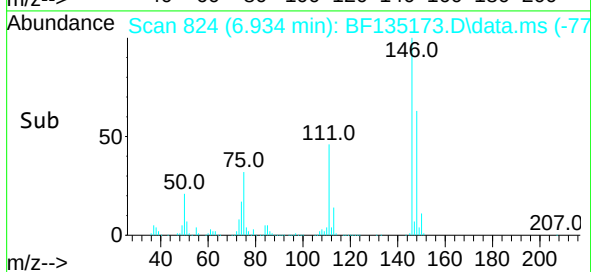
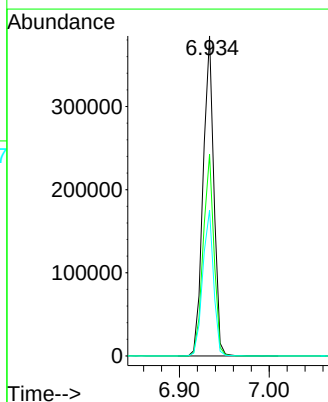
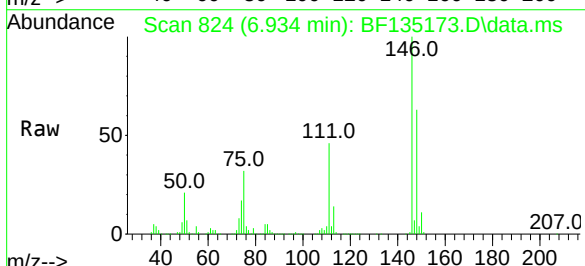
Manual Integrations
APPROVED

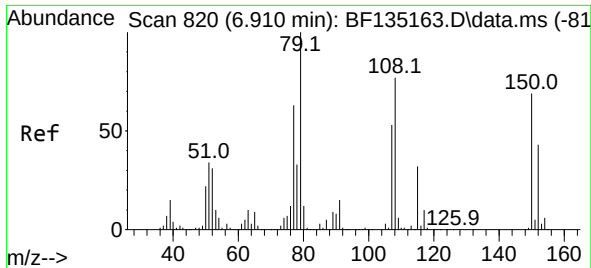
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#14
1,2-Dichlorobenzene
Concen: 47.959 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

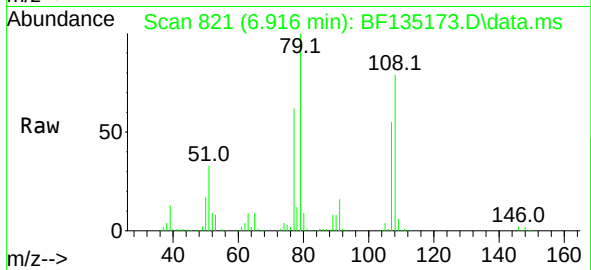
Tgt Ion:146 Resp: 319795
Ion Ratio Lower Upper
146 100
148 63.0 49.7 74.5
111 45.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.865 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

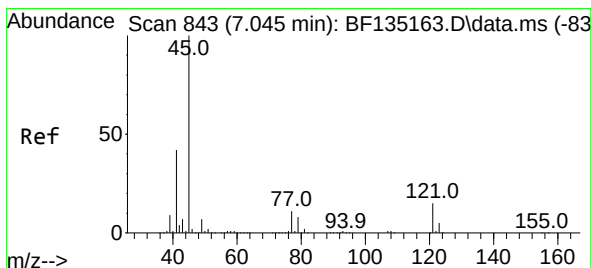
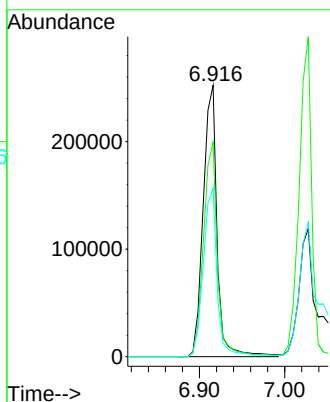
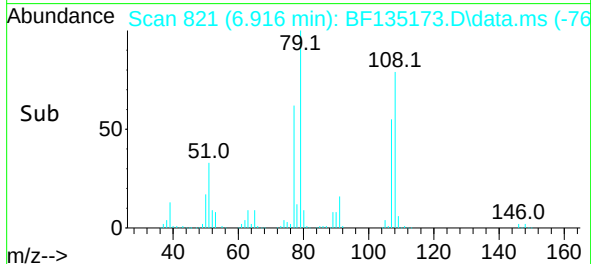
Instrument :
BNA_F
ClientSampleId :
PB155443BS



Tgt Ion: 79 Resp: 28411
Ion Ratio Lower Upper
79 100
108 79.1 61.2 91.8
77 62.2 50.5 75.7

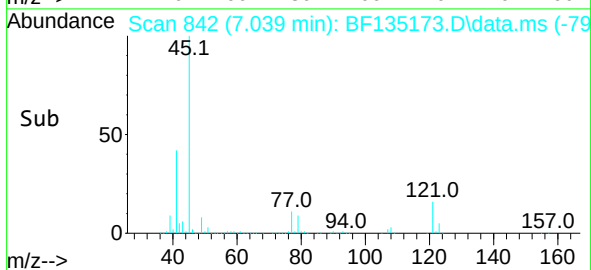
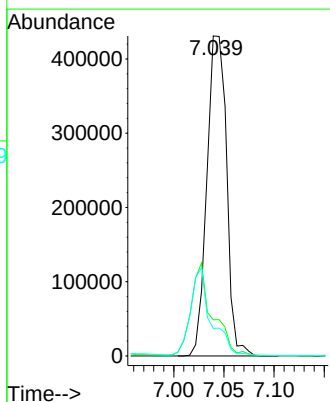
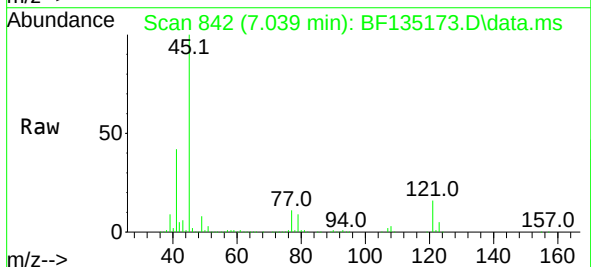
Manual Integrations
APPROVED

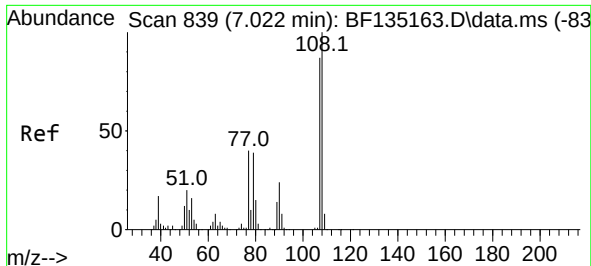
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.033 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

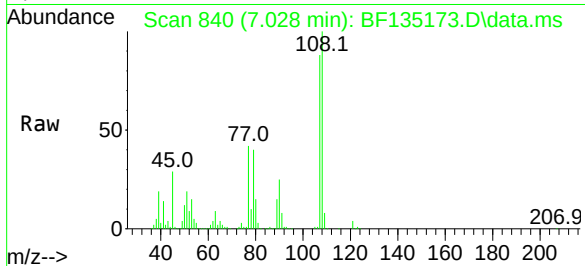
Tgt Ion: 45 Resp: 590344
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.6
79 8.6 0.0 28.3





#17
2-Methylphenol
Concen: 42.686 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

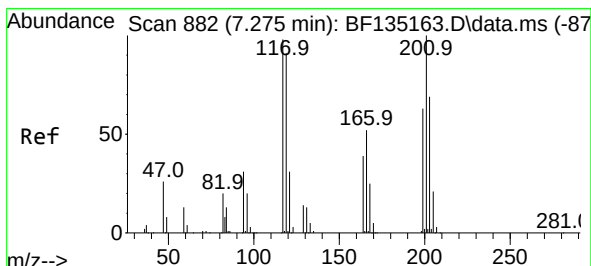
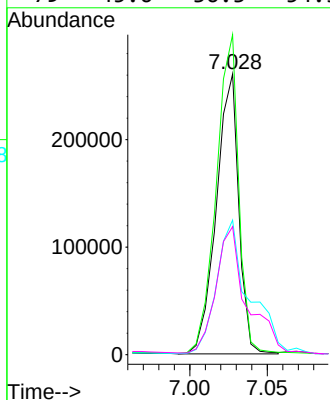
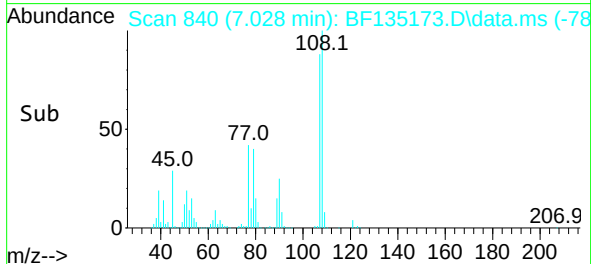
Instrument :
BNA_F
ClientSampleId :
PB155443BS



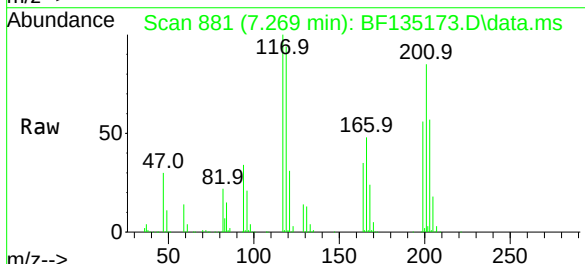
Tgt Ion:107 Resp: 26158
Ion Ratio Lower Upper
107 100
108 114.0 92.0 138.0
77 48.0 36.7 55.1
79 45.6 36.3 54.5

Manual Integrations
APPROVED

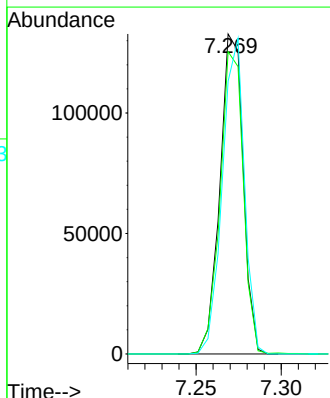
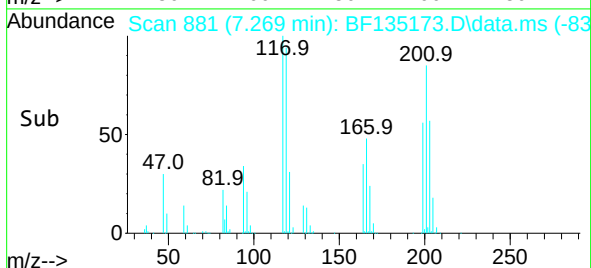
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

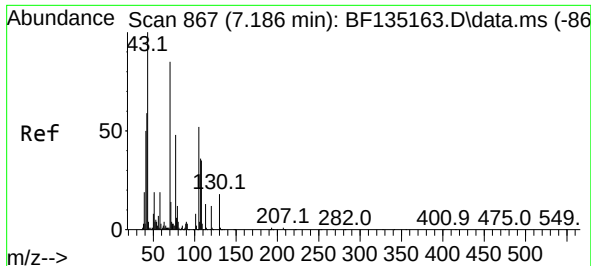


#18
Hexachloroethane
Concen: 47.615 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:117 Resp: 126326
Ion Ratio Lower Upper
117 100
119 94.4 74.7 112.1
201 85.3 81.8 122.8





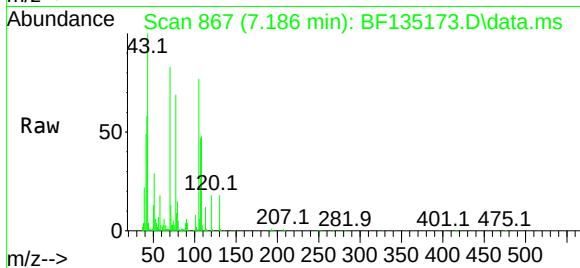
#19
n-Nitroso-di-n-propylamine
Concen: 43.391 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

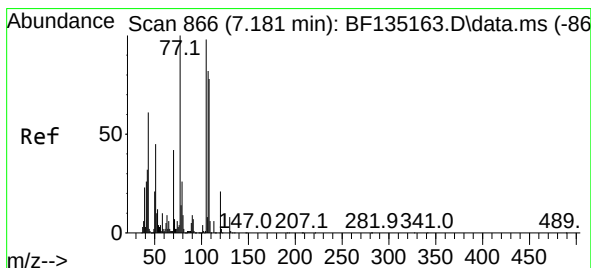
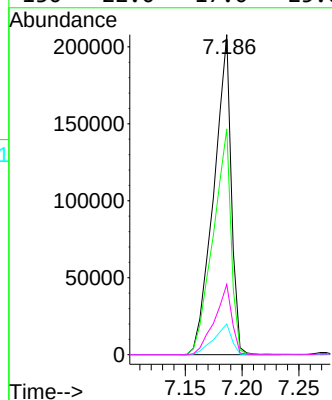
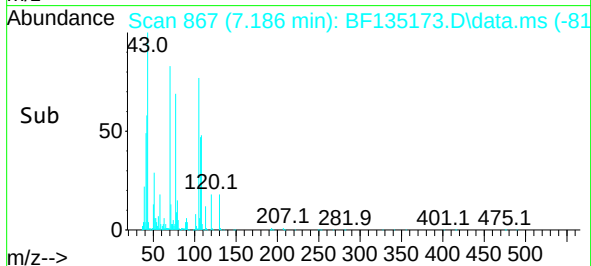


Tgt Ion: 70 Resp: 22231
Ion Ratio Lower Upper
70 100
42 70.5 55.4 83.0
101 9.6 7.7 11.5
130 22.0 17.0 25.6

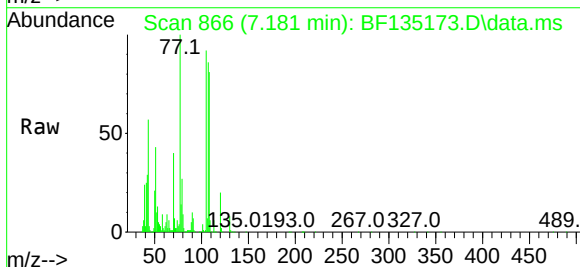
Manual Integrations

APPROVED

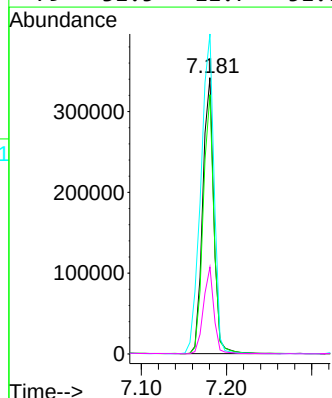
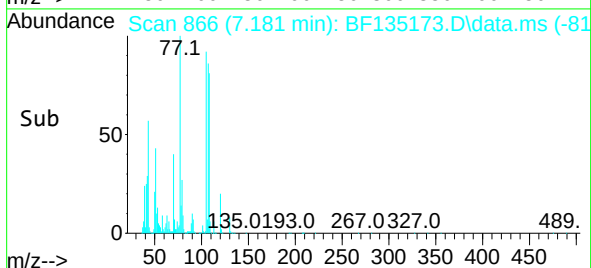
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

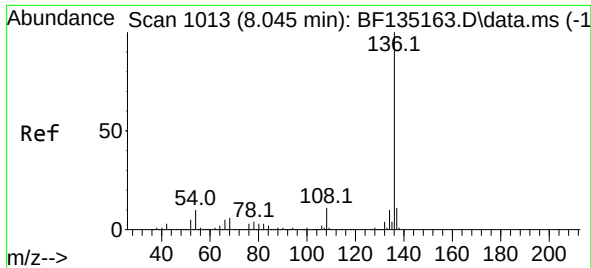


#20
3+4-Methylphenols
Concen: 41.919 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:107 Resp: 308897
Ion Ratio Lower Upper
107 100
108 93.9 74.7 114.7
77 115.8 102.0 142.0
79 31.5 11.7 51.7





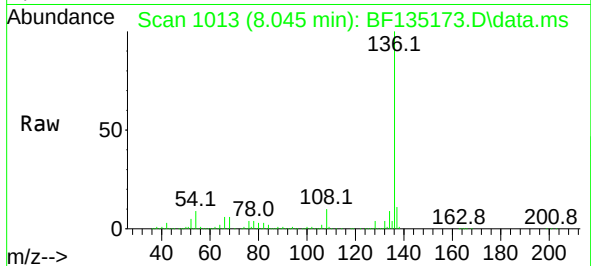
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

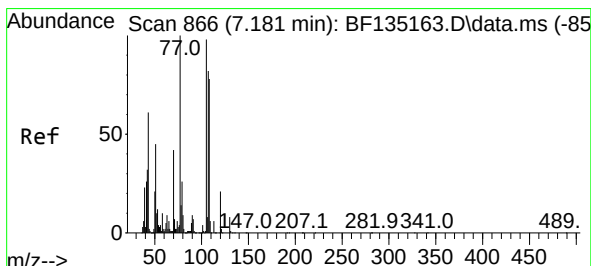
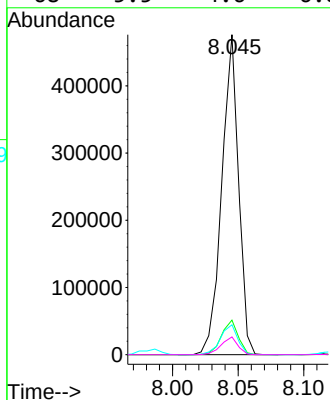
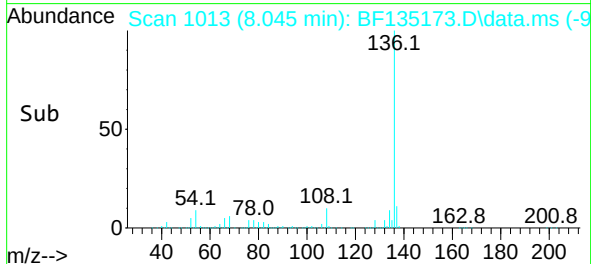


Tgt Ion:136 Resp: 422288
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.4 7.7 11.5
68 5.5 4.6 6.8

Manual Integrations

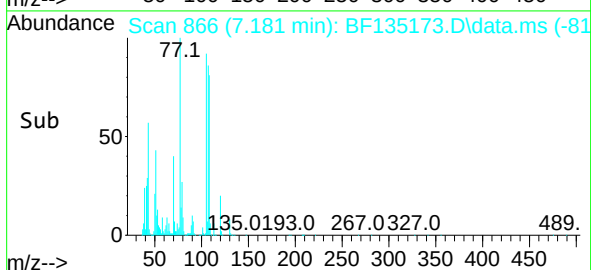
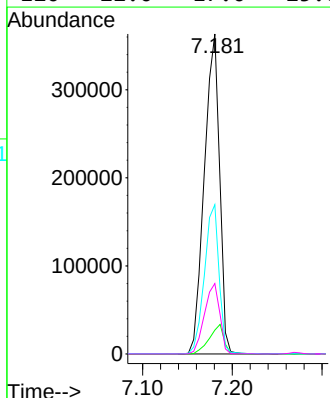
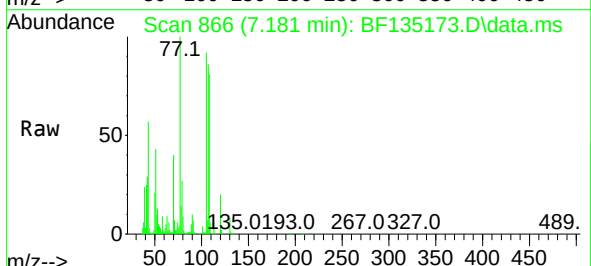
APPROVED

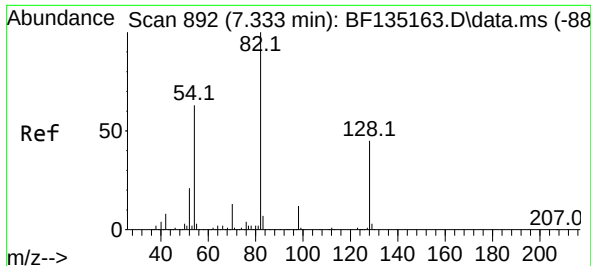
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 44.419 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Tgt Ion:105 Resp: 428848
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.6
51 46.7 37.0 55.4
120 22.0 17.0 25.6





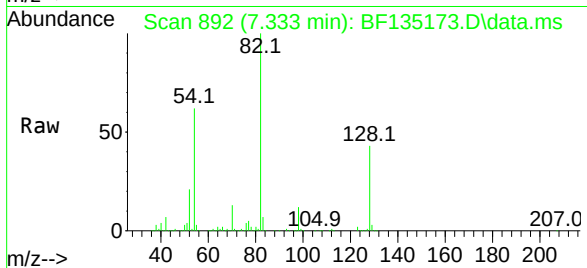
#23
Nitrobenzene-d5
Concen: 86.074 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

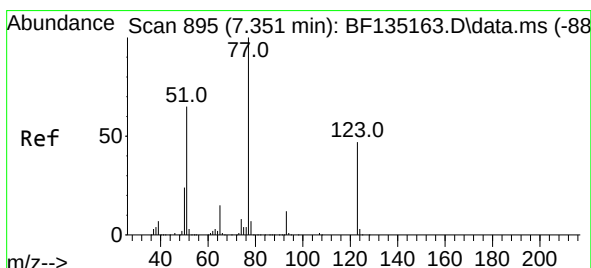
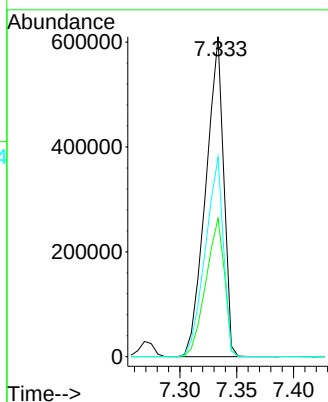
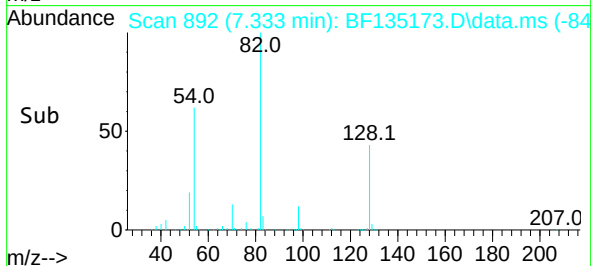
PB155443BS



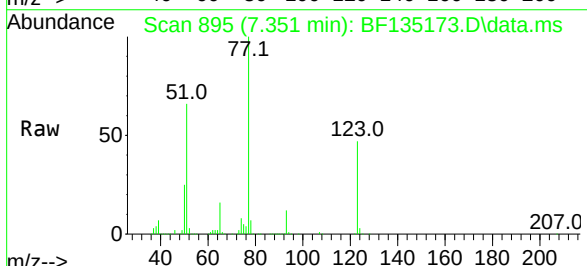
Tgt Ion: 82 Resp: 669034
Ion Ratio Lower Upper
82 100
128 43.2 35.8 53.6
54 62.4 50.6 76.0

Manual Integrations
APPROVED

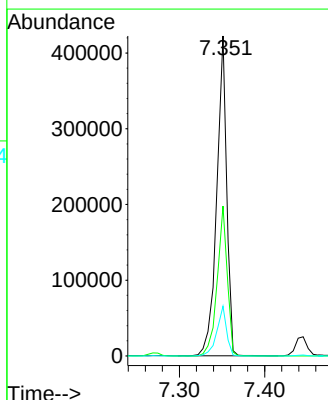
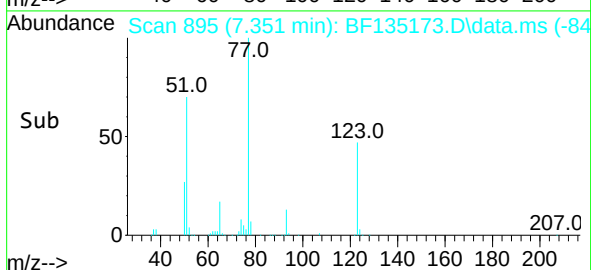
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

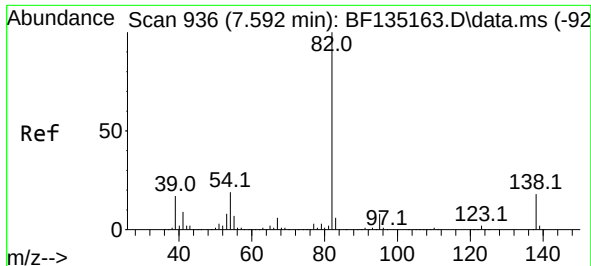


#24
Nitrobenzene
Concen: 44.776 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion: 77 Resp: 343995
Ion Ratio Lower Upper
77 100
123 46.9 37.6 56.4
65 15.6 12.2 18.4





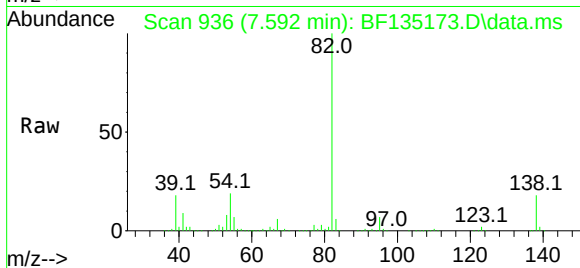
#25
Isophorone
Concen: 44.943 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

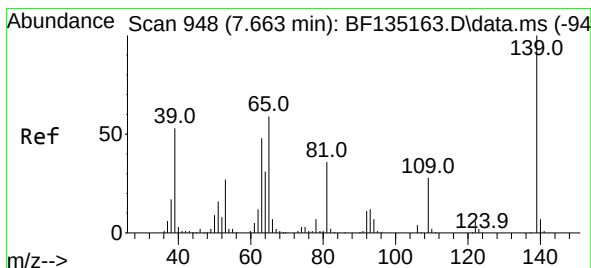
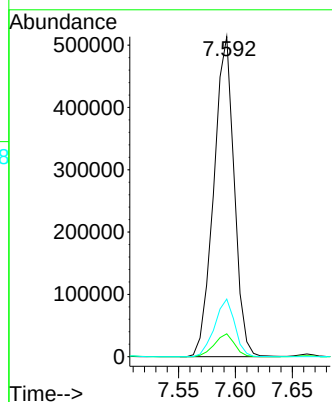


Tgt Ion: 82 Resp: 641458
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.0 14.5 21.7

Manual Integrations

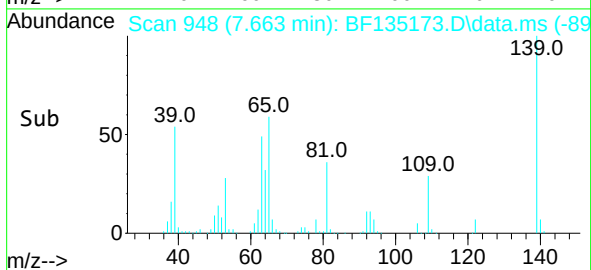
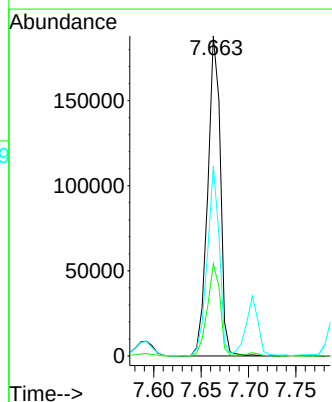
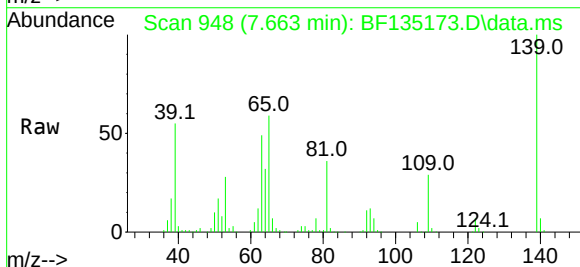
APPROVED

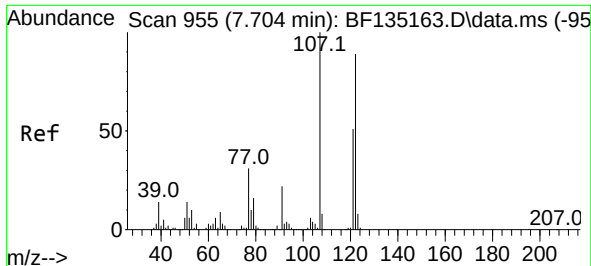
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 47.269 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Tgt Ion:139 Resp: 174292
Ion Ratio Lower Upper
139 100
109 28.8 22.6 33.8
65 59.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.823 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135173.D

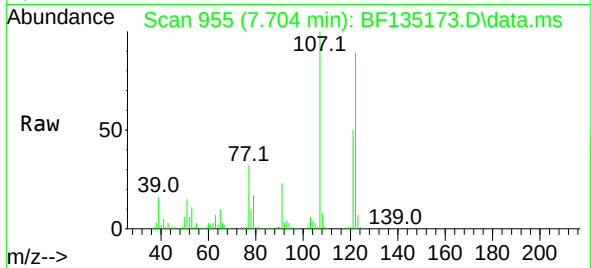
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS



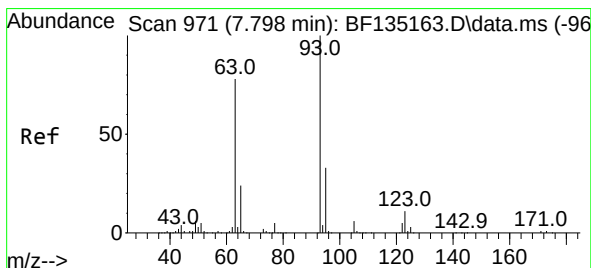
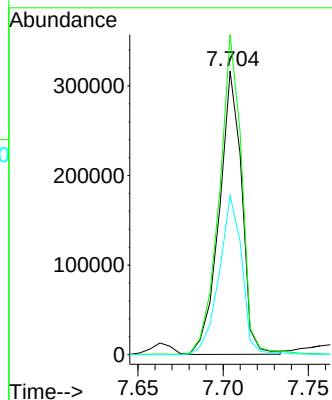
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.9	90.2	135.4
121	56.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.914 ng

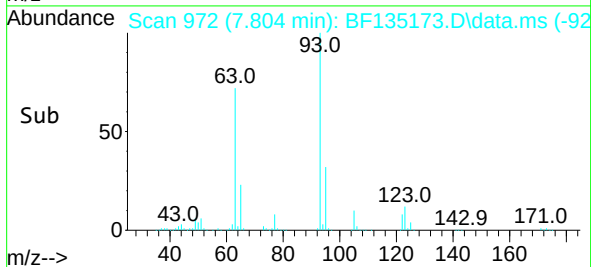
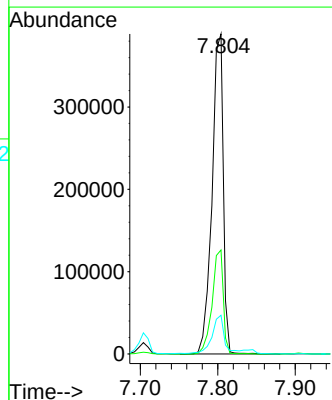
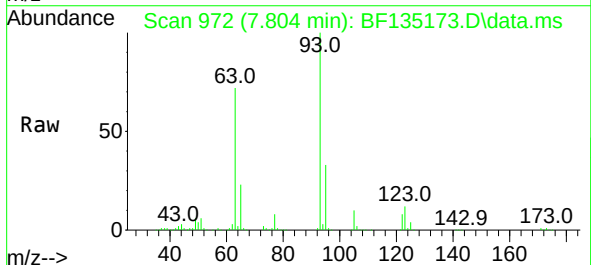
RT: 7.804 min Scan# 972

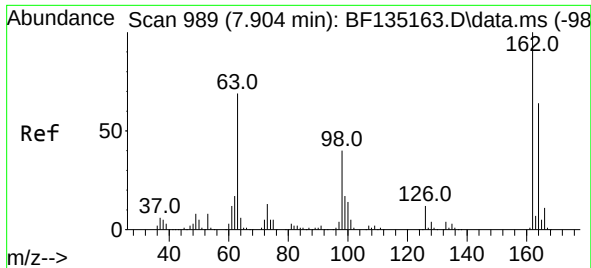
Delta R.T. 0.006 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.1	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 45.343 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

Tgt Ion:162 Resp: 260400

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

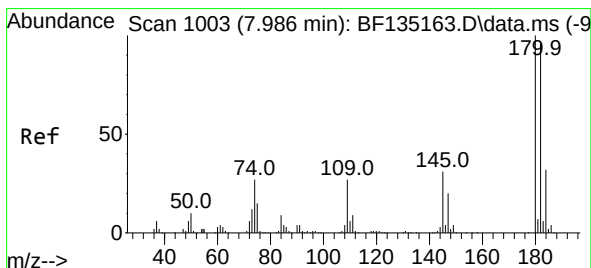
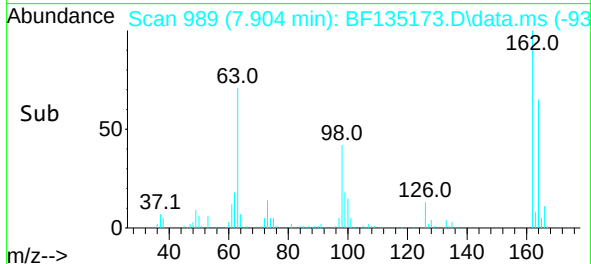
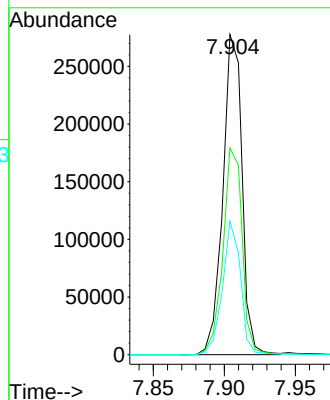
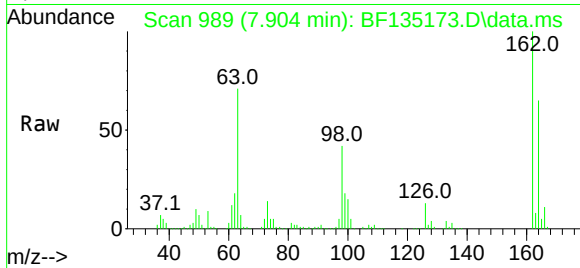
98 41.7 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.663 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

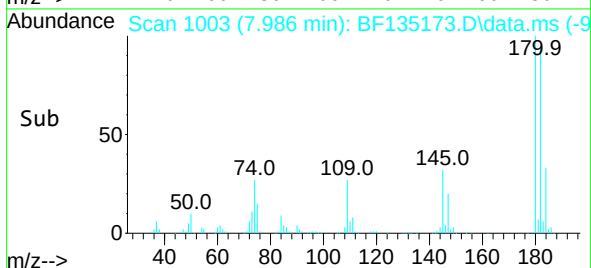
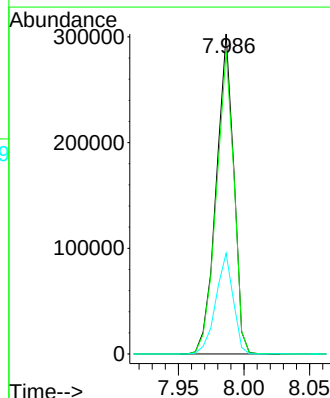
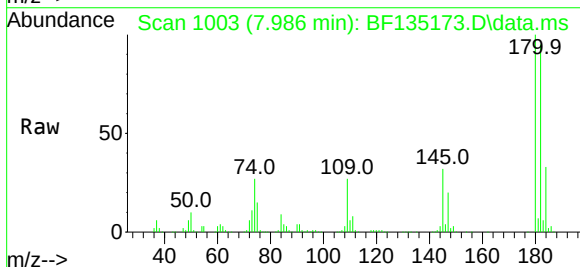
Tgt Ion:180 Resp: 280102

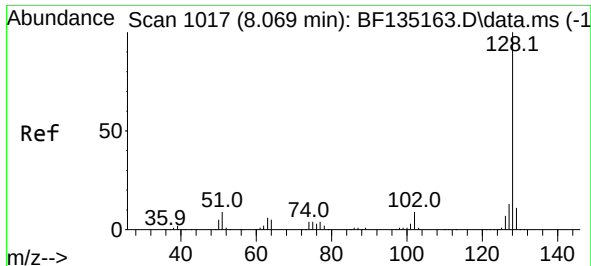
Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

145 31.5 24.5 36.7





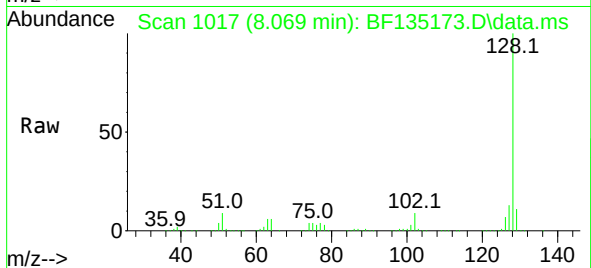
#31
Naphthalene
Concen: 45.650 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS



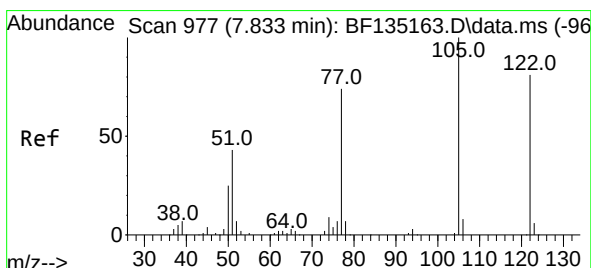
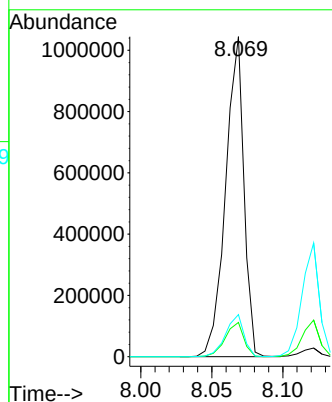
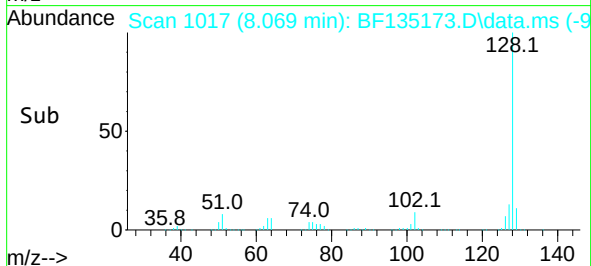
Tgt Ion:128 Resp: 936625
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.7 16.1

Manual Integrations

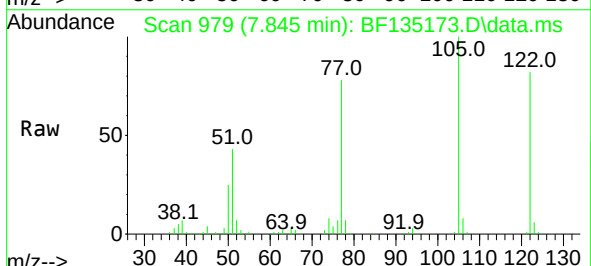
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

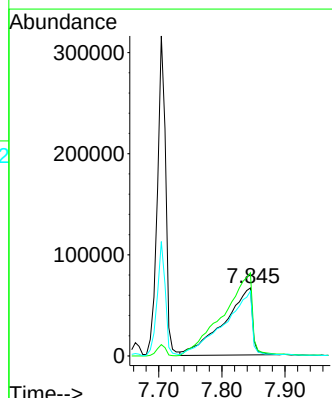
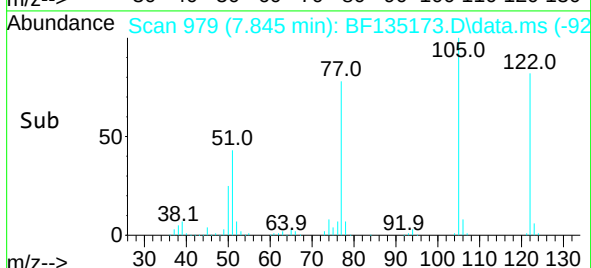
Supervised By :mohammad ahmed 09/13/2023

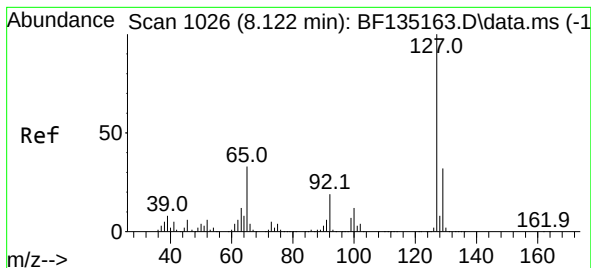


#32
Benzoic acid
Concen: 44.774 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:122 Resp: 208960
Ion Ratio Lower Upper
122 100
105 122.2 99.9 139.9
77 95.4 70.0 110.0





#33

4-Chloroaniline

Concen: 36.365 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

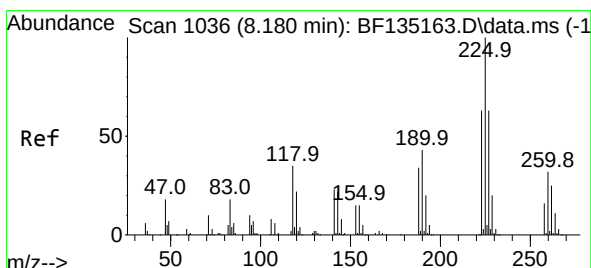
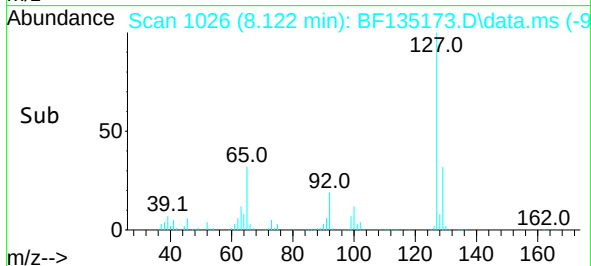
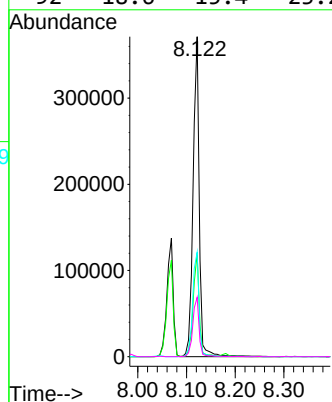
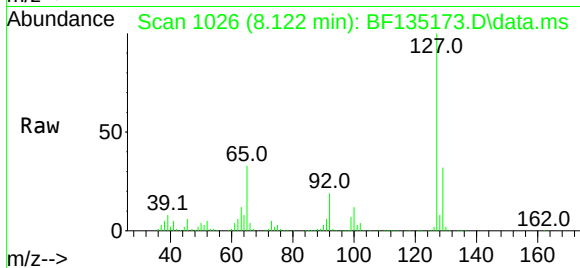
Tgt Ion:	127	Resp:	32735
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.8	38.8
65	32.6	26.6	39.8
92	18.6	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#34

Hexachlorobutadiene

Concen: 46.712 ng

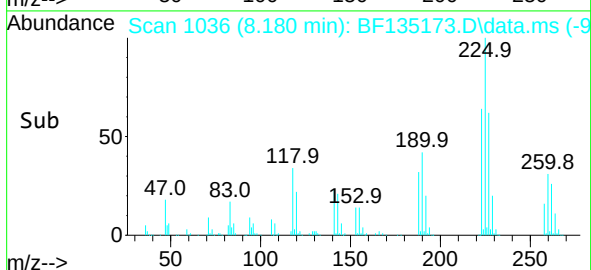
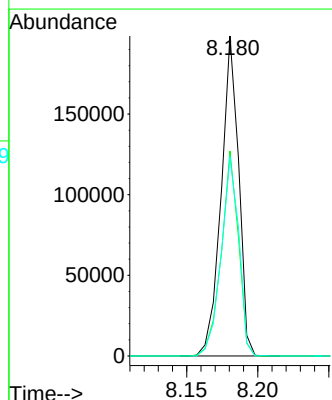
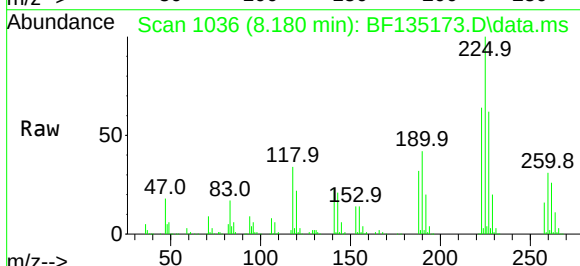
RT: 8.180 min Scan# 1036

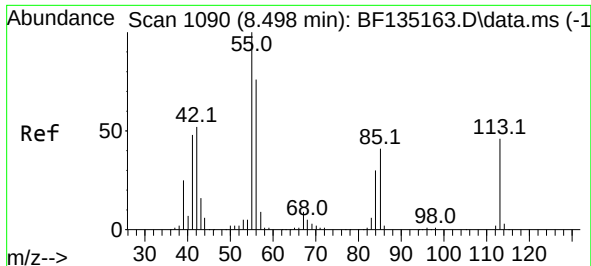
Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Tgt Ion:	225	Resp:	169075
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.6	75.8
227	62.0	50.8	76.2





#35
 Caprolactam
 Concen: 47.062 ng m
 RT: 8.492 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF135173.D
 Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

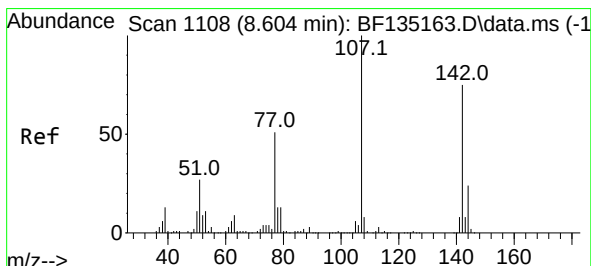
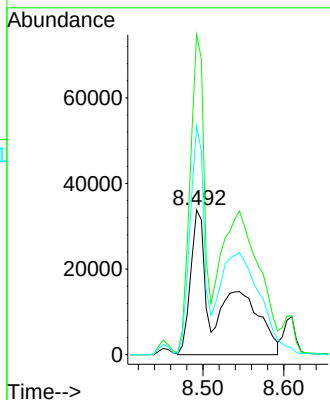
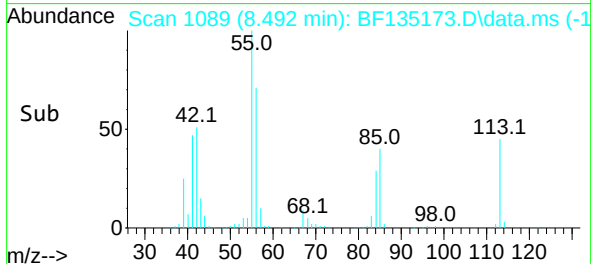
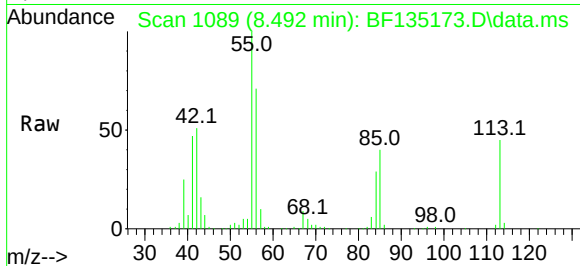
ClientSampleId :

PB155443BS

Tgt Ion:113 Resp: 90708
 Ion Ratio Lower Upper
 113 100
 55 220.9 199.3 239.3
 56 157.9 146.3 186.3

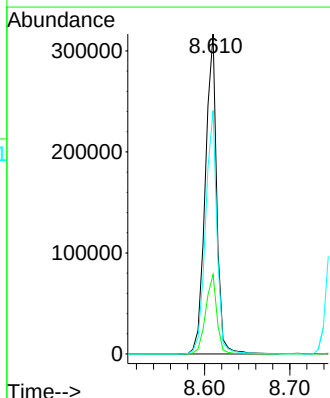
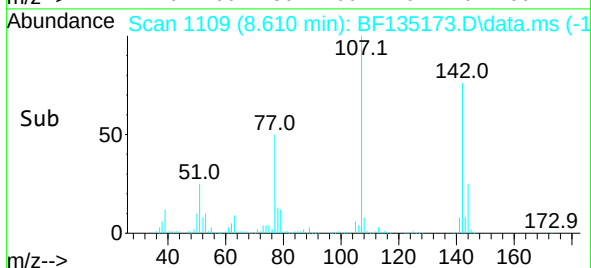
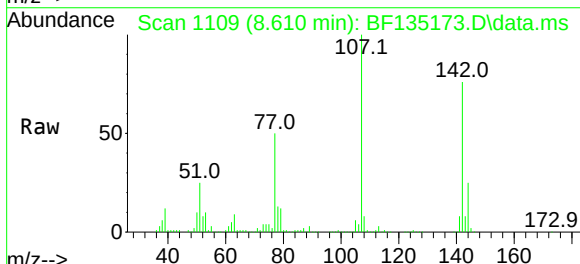
Manual Integrations
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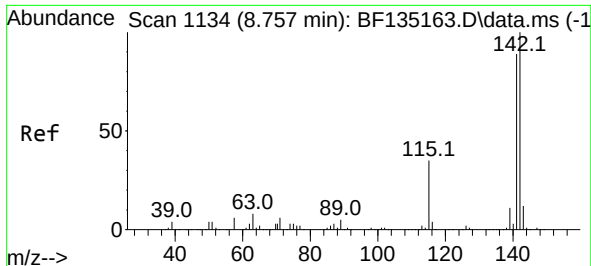
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.144 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135173.D
 Acq: 12 Sep 2023 10:28

Tgt Ion:107 Resp: 294527
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.4
 142 76.1 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.332 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

Tgt Ion:142 Resp: 597629

Ion Ratio Lower Upper

142 100

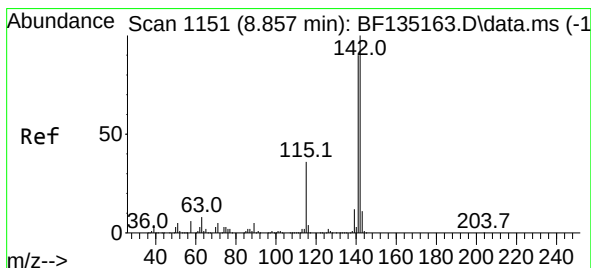
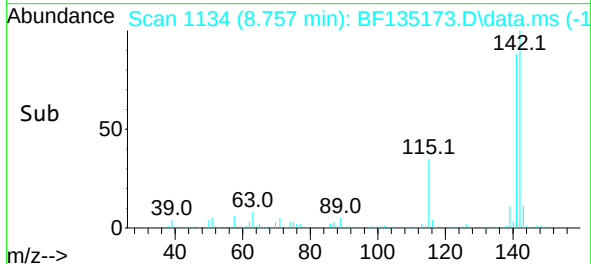
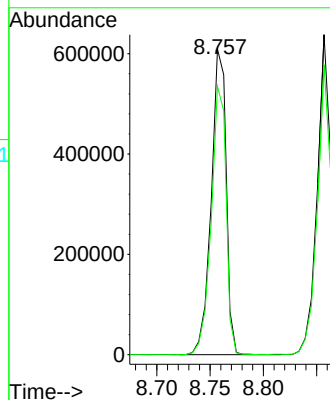
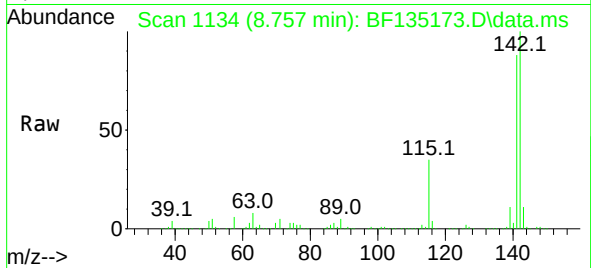
141 87.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 43.117 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135173.D

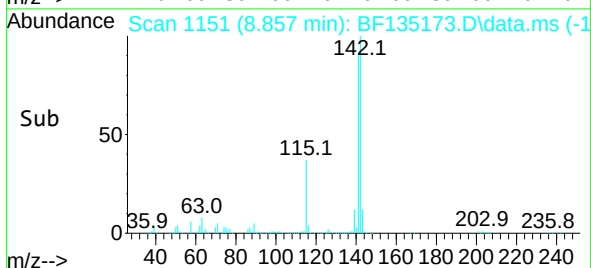
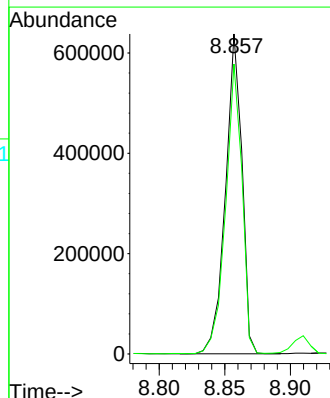
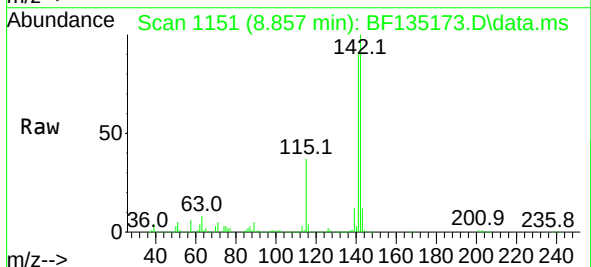
Acq: 12 Sep 2023 10:28

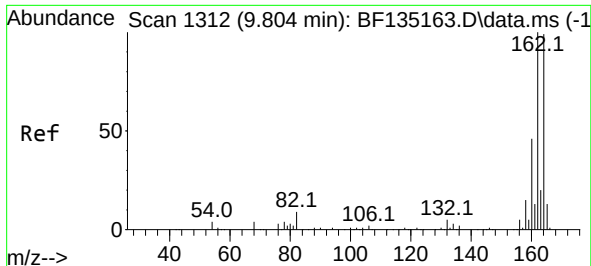
Tgt Ion:142 Resp: 556752

Ion Ratio Lower Upper

142 100

141 90.6 72.4 108.6





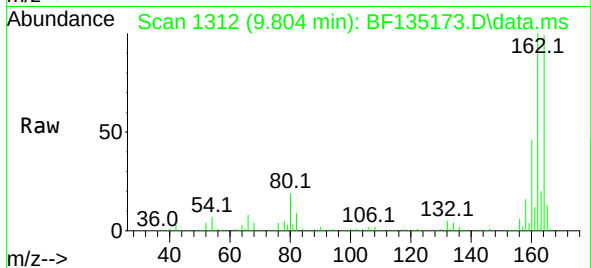
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

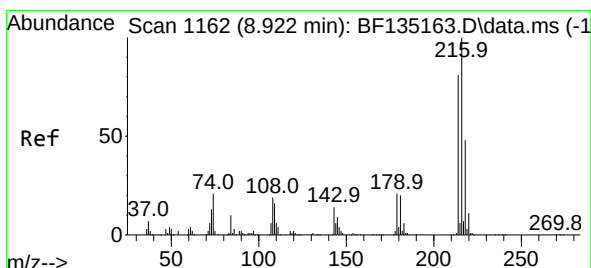
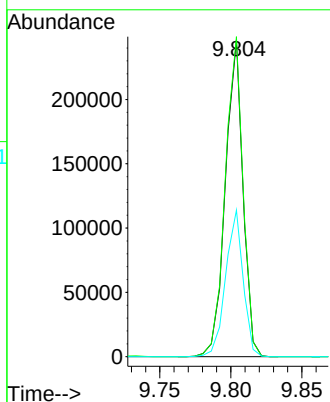
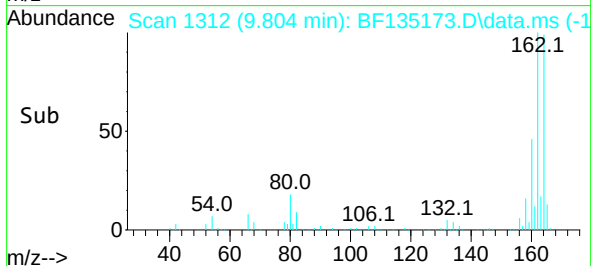


Tgt Ion:164 Resp: 21201
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 46.3 37.0 55.4

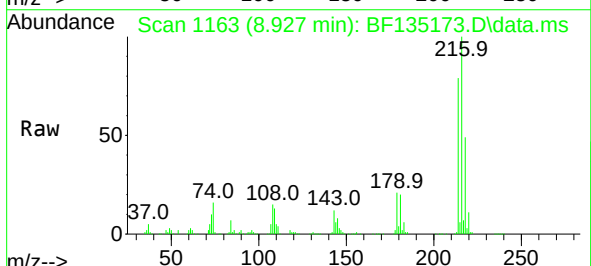
Manual Integrations

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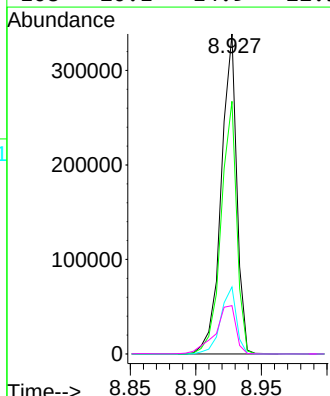
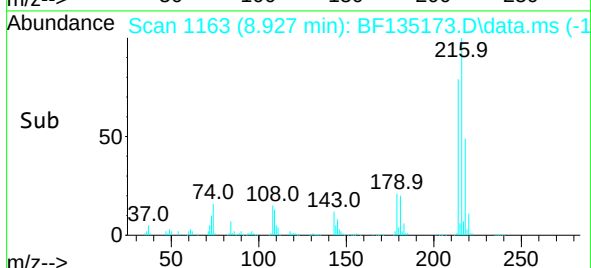
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

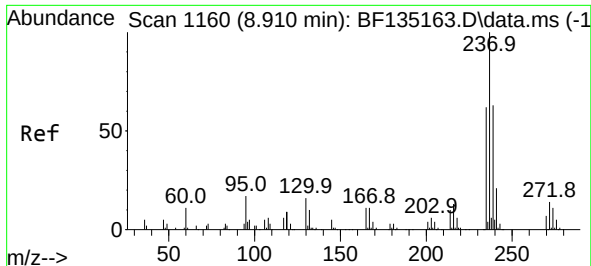


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.520 ng
RT: 8.927 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



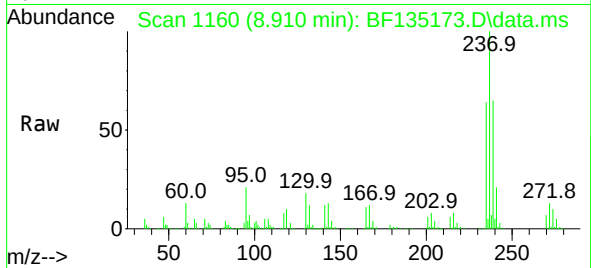
Tgt Ion:216 Resp: 279595
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 21.1 16.7 25.1
108 20.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 98.960 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

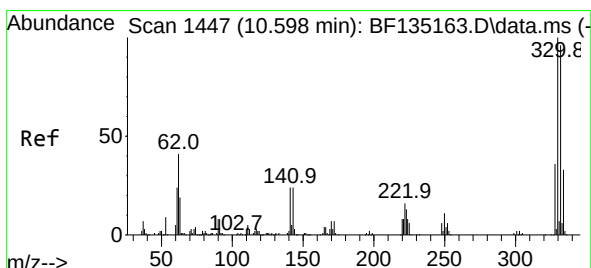
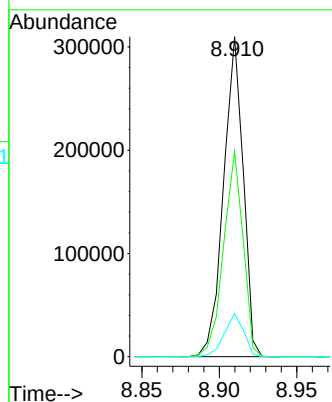
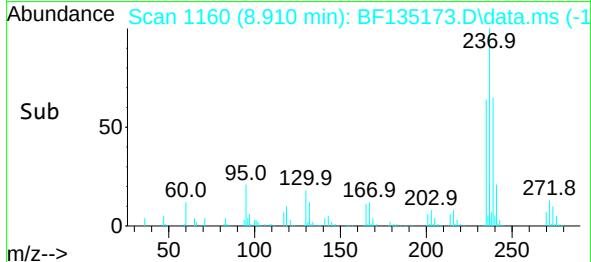
Instrument :
BNA_F
ClientSampleId :
PB155443BS



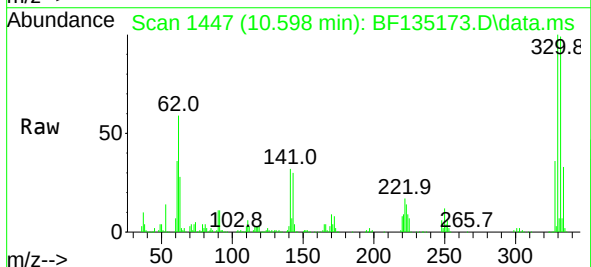
Tgt Ion: 237 Resp: 273045
Ion Ratio Lower Upper
237 100
235 64.2 41.8 81.8
272 13.4 0.0 33.6

Manual Integrations
APPROVED

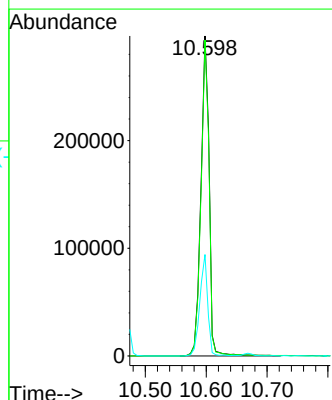
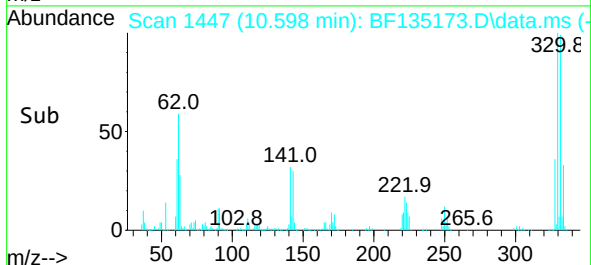
Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/13/2023

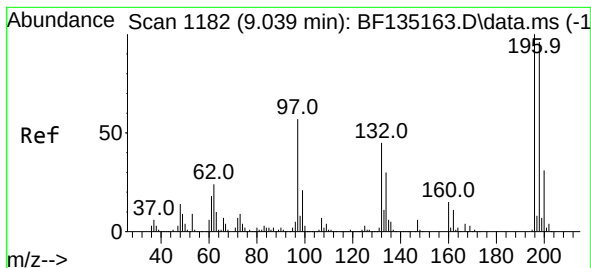


#42
2,4,6-Tribromophenol
Concen: 132.693 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion: 330 Resp: 279570
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.6 25.8 38.8





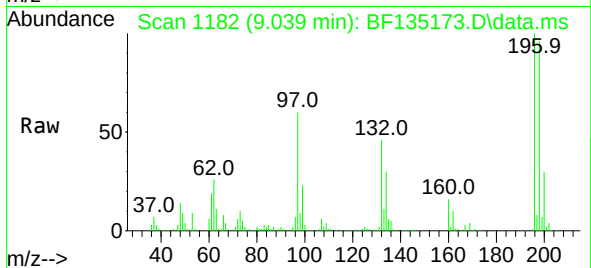
#43
2,4,6-Trichlorophenol
Concen: 47.605 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

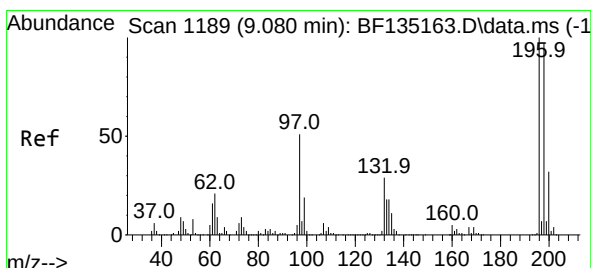
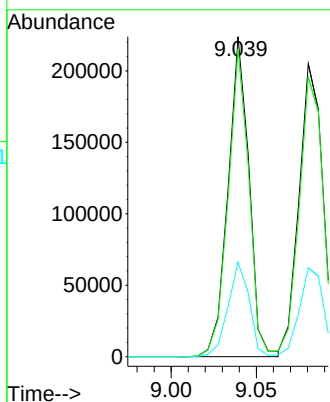
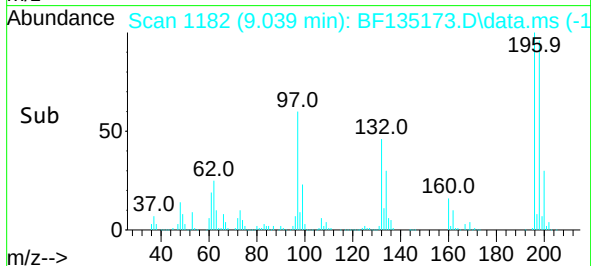


Tgt Ion:196 Resp: 191440
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.6
200 29.6 24.5 36.7

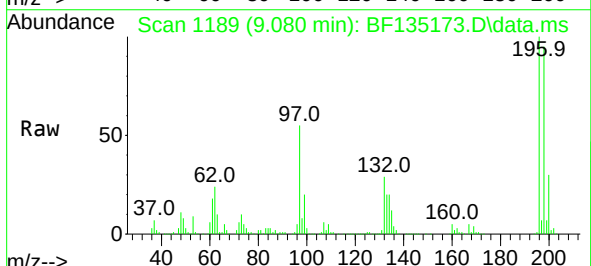
Manual Integrations

APPROVED

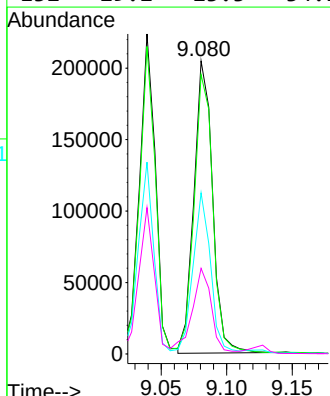
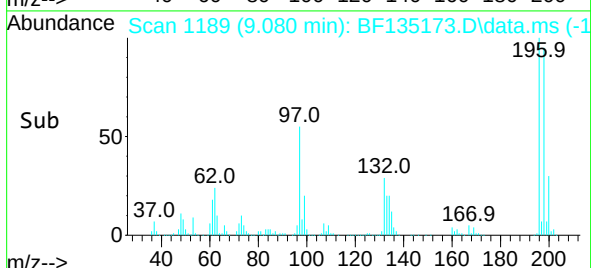
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

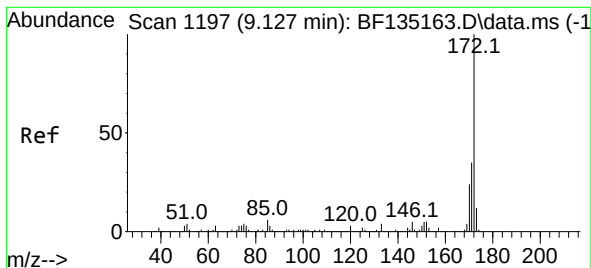


#44
2,4,5-Trichlorophenol
Concen: 43.799 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:196 Resp: 202847
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
97 55.0 40.5 60.7
132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 84.994 ng

RT: 9.127 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

Tgt Ion:172 Resp: 119438

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

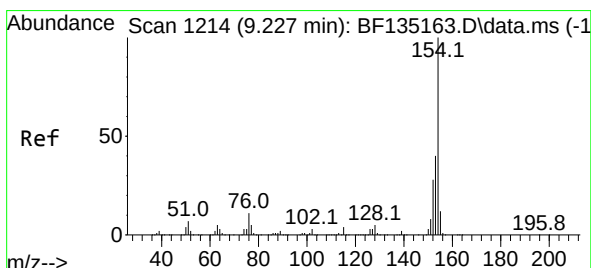
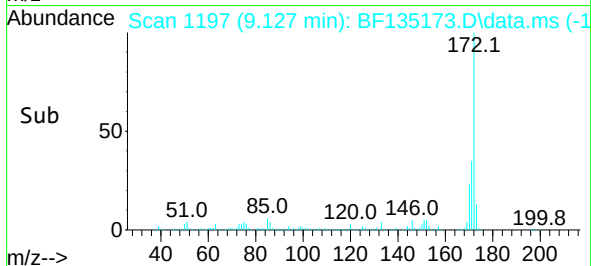
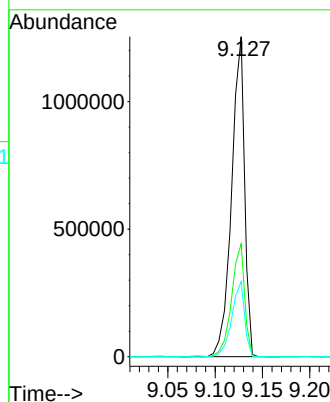
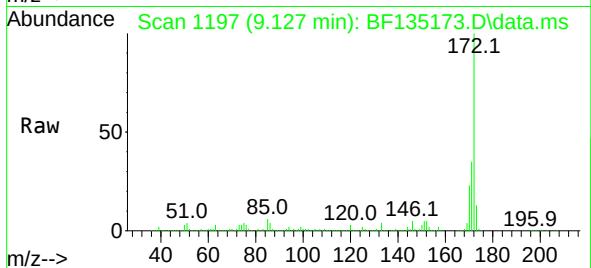
170 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#46

1,1'-Biphenyl

Concen: 45.070 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

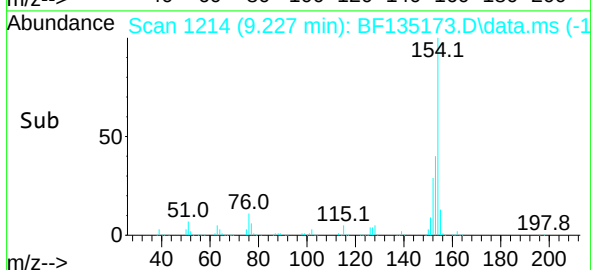
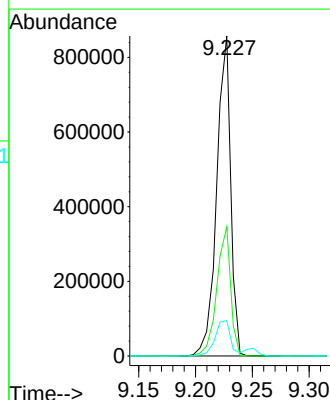
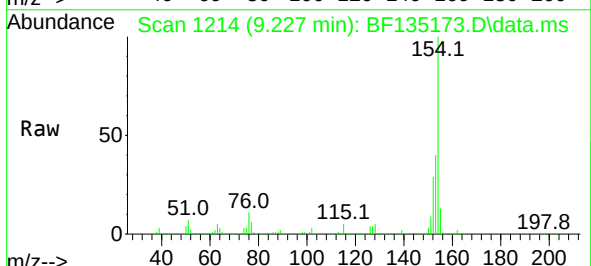
Tgt Ion:154 Resp: 734318

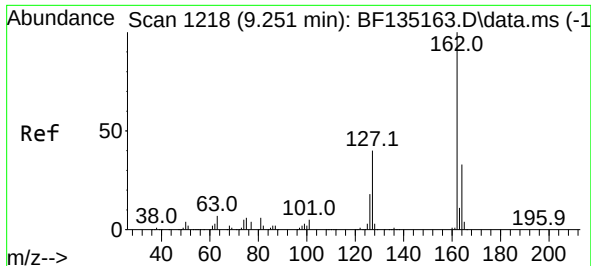
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 11.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.876 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

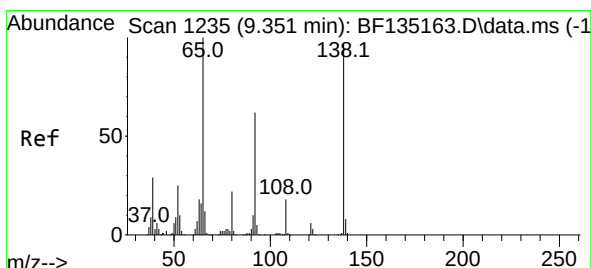
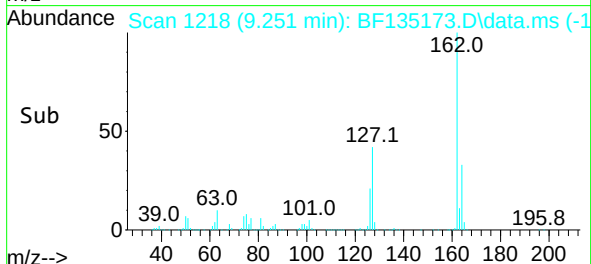
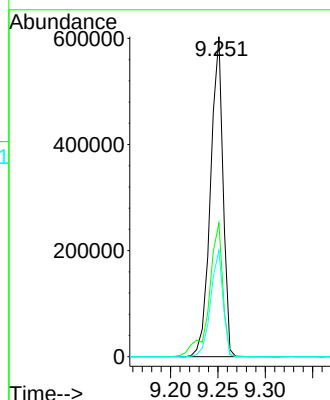
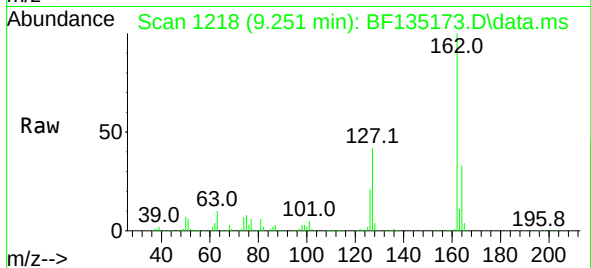
PB155443BS

Tgt Ion:162 Resp: 554140
 Ion Ratio Lower Upper
 162 100
 127 41.8 32.6 48.8
 164 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023



#48

2-Nitroaniline

Concen: 46.260 ng

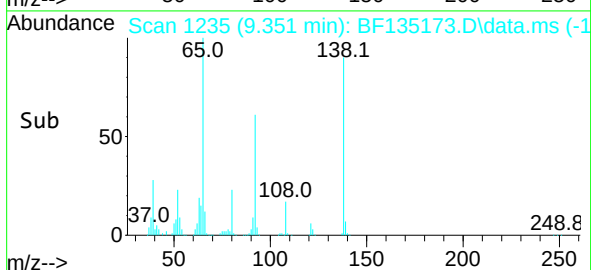
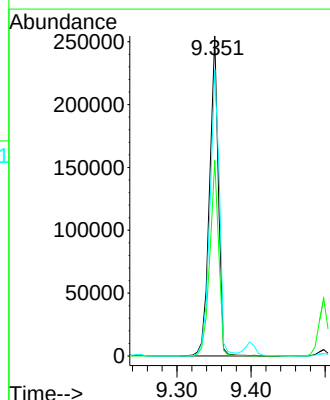
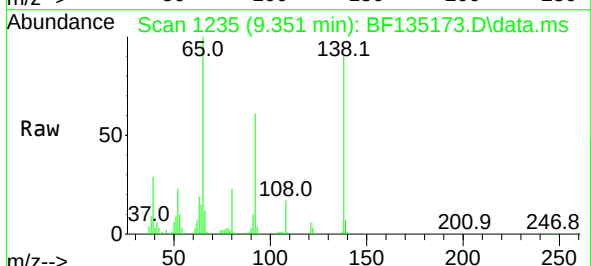
RT: 9.351 min Scan# 1235

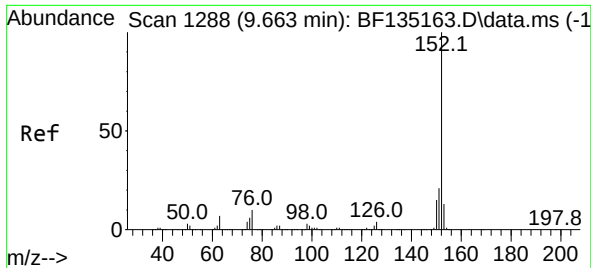
Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

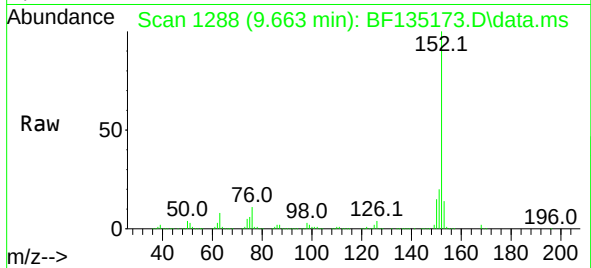
Tgt Ion: 65 Resp: 212452
 Ion Ratio Lower Upper
 65 100
 92 61.1 49.4 74.0
 138 89.6 77.4 116.0





#49
Acenaphthylene
Concen: 45.337 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

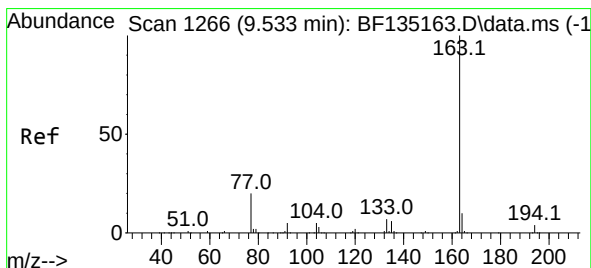
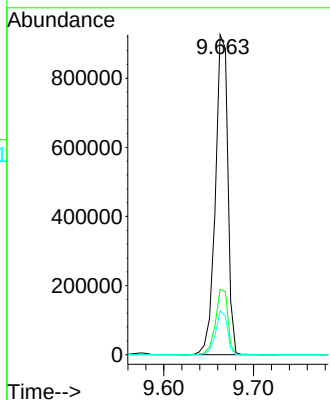
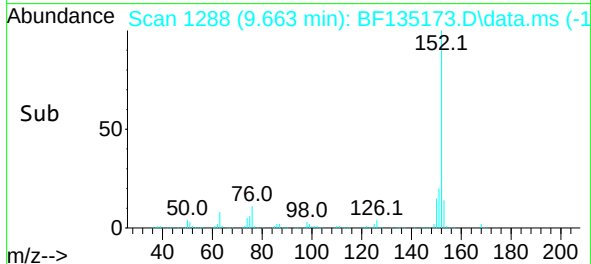
Instrument :
BNA_F
ClientSampleId :
PB155443BS



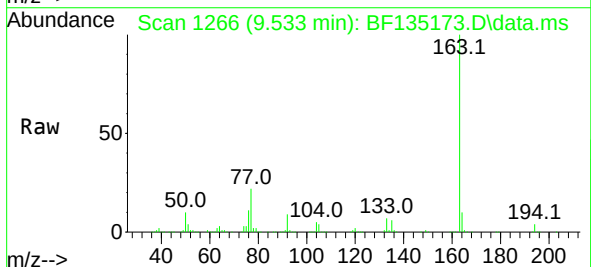
Tgt Ion:152 Resp: 890700
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.7 10.4 15.6

Manual Integrations
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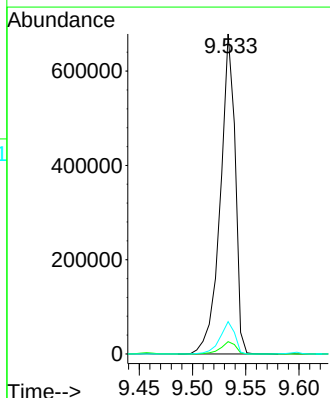
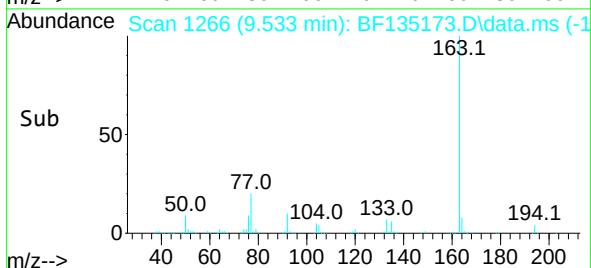
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

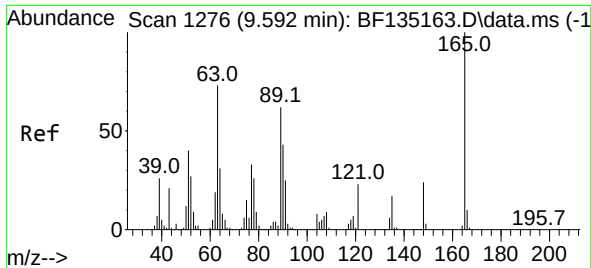


#50
Dimethylphthalate
Concen: 45.728 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:163 Resp: 655482
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.1 12.1





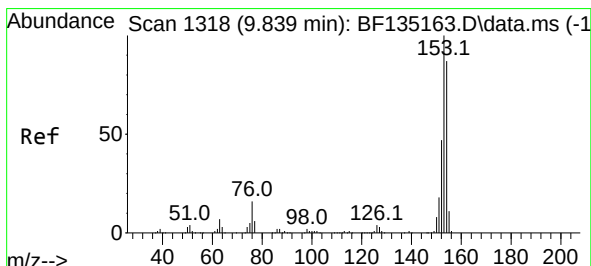
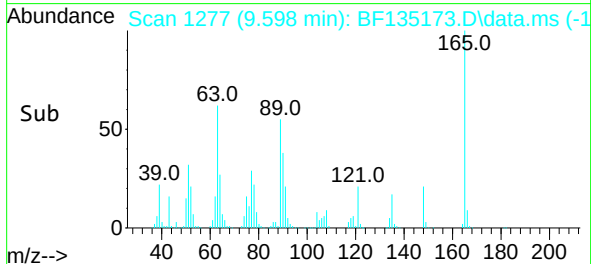
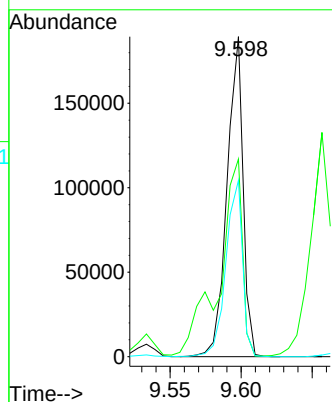
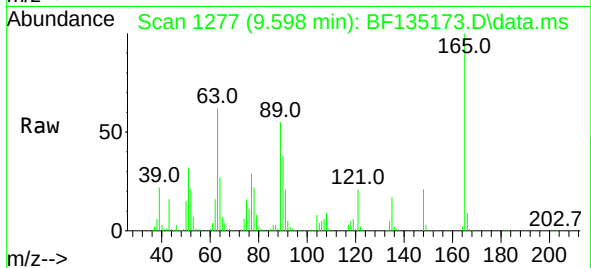
#51
2,6-Dinitrotoluene
Concen: 47.352 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :
BNA_F
ClientSampleId :
PB155443BS

Tgt Ion:165 Resp: 148694
Ion Ratio Lower Upper
165 100
63 61.8 59.4 89.2
89 55.1 49.8 74.8

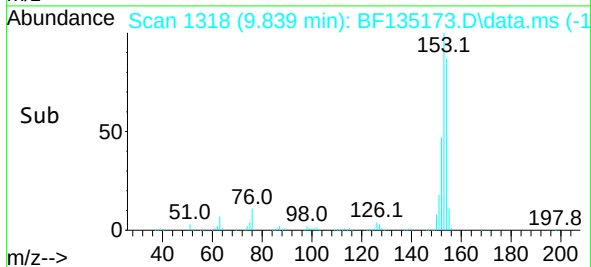
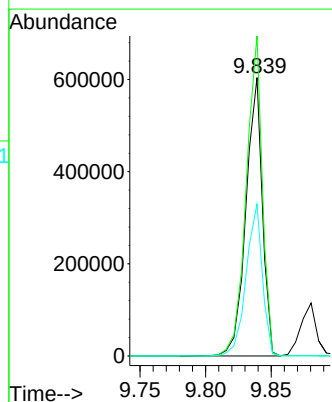
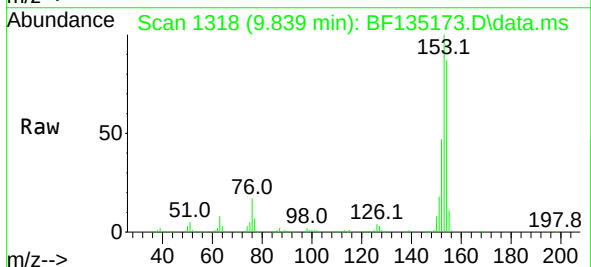
Manual Integrations
APPROVED

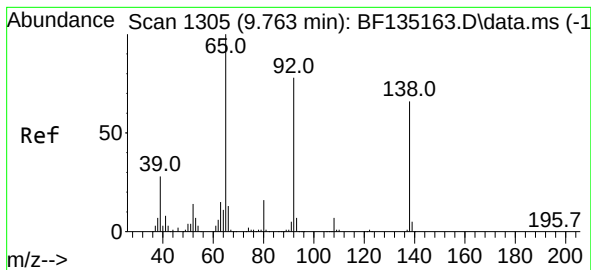
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#52
Acenaphthene
Concen: 45.405 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Tgt Ion:154 Resp: 526973
Ion Ratio Lower Upper
154 100
153 114.9 92.1 138.1
152 54.6 43.1 64.7





#53
3-Nitroaniline
Concen: 40.514 ng
RT: 9.769 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

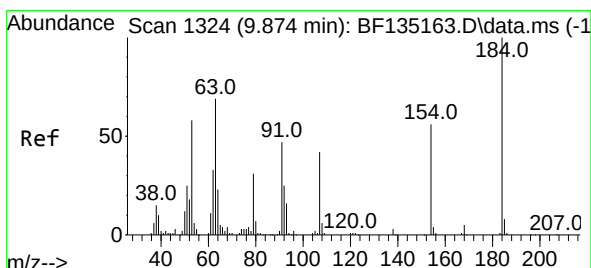
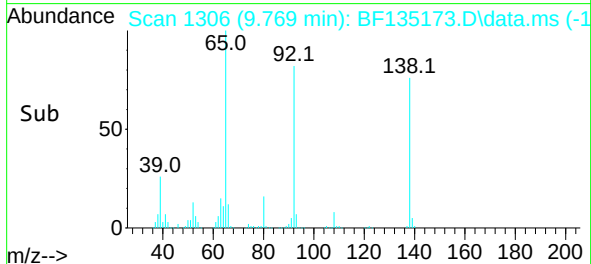
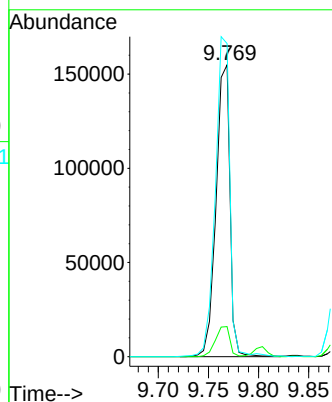
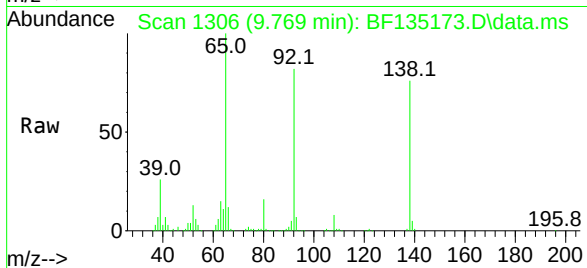
PB155443BS

Tgt Ion:138 Resp: 149335
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 107.3 95.4 143.0

Manual Integrations

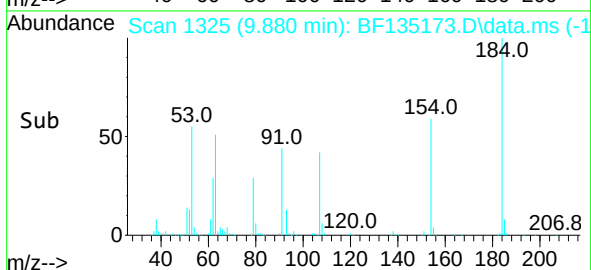
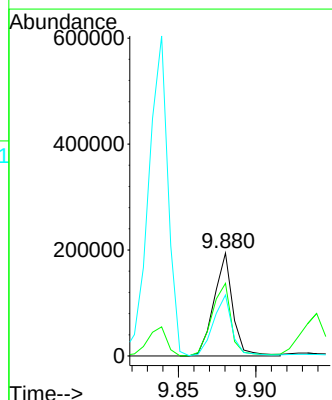
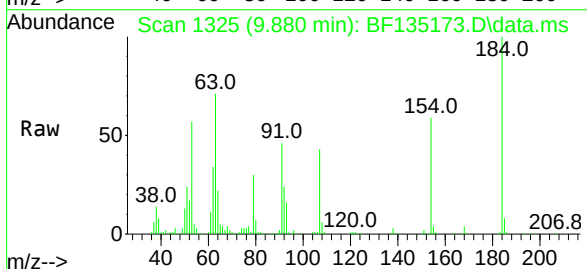
APPROVED

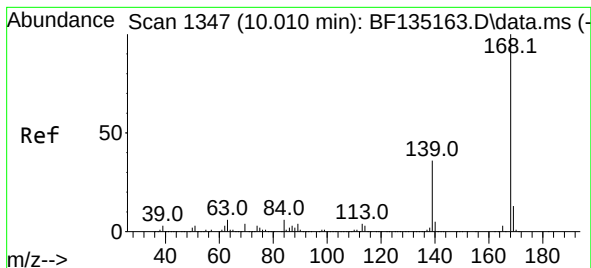
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#54
2,4-Dinitrophenol
Concen: 91.338 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Tgt Ion:184 Resp: 164536
Ion Ratio Lower Upper
184 100
63 70.6 55.1 82.7
154 59.3 48.4 72.6





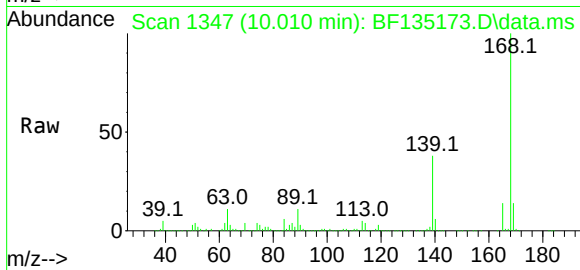
#55
Dibenzenofuran
Concen: 44.554 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

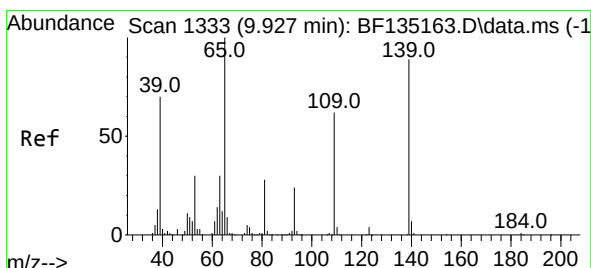
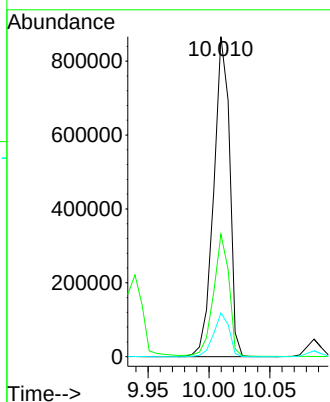
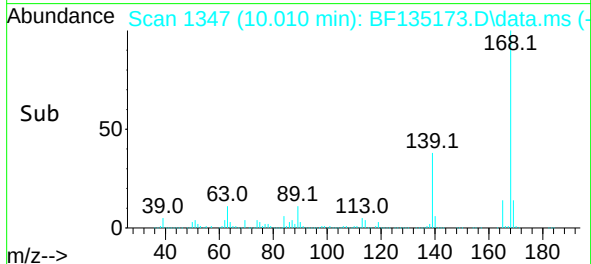


Tgt Ion:168 Resp: 78906
Ion Ratio Lower Upper
168 100
139 38.3 29.0 43.6
169 13.7 10.4 15.6

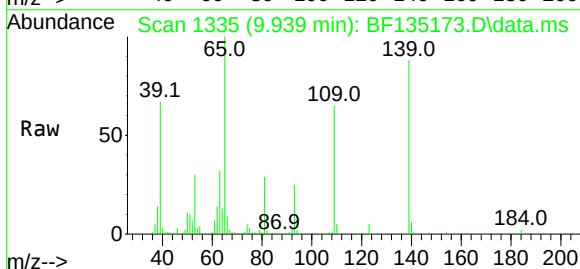
Manual Integrations

APPROVED

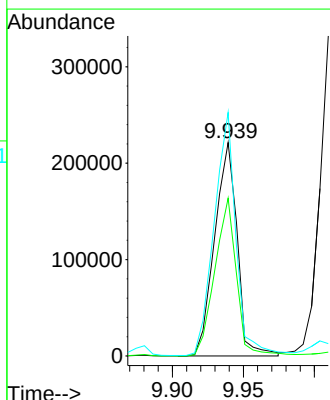
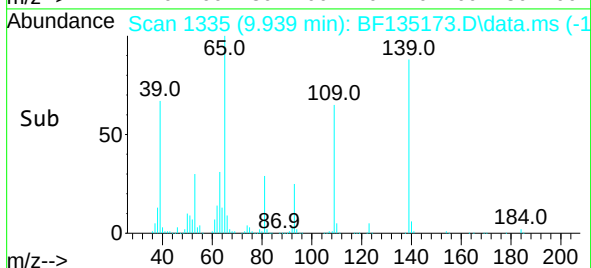
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

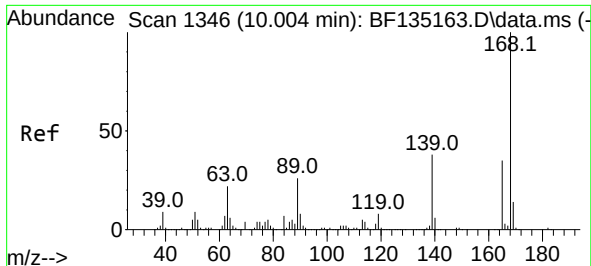


#56
4-Nitrophenol
Concen: 103.902 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:139 Resp: 243407
Ion Ratio Lower Upper
139 100
109 73.9 49.8 89.8
65 114.1 92.7 132.7





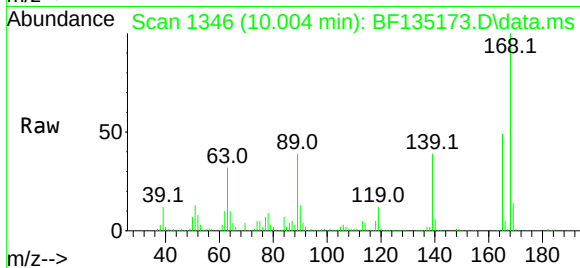
#57
2,4-Dinitrotoluene
Concen: 47.028 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

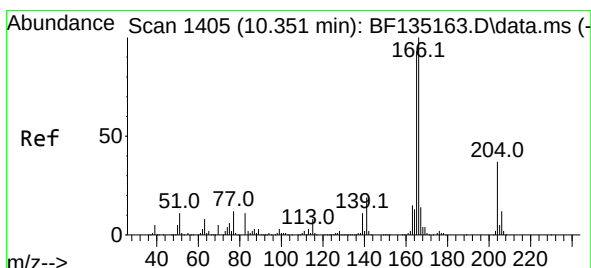
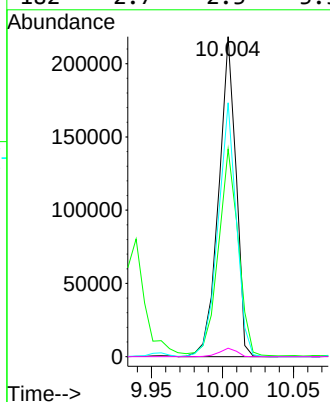
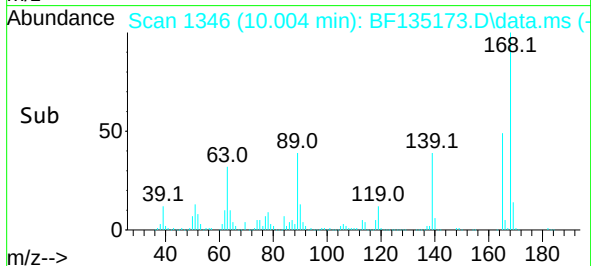


Tgt Ion:165 Resp: 184878
Ion Ratio Lower Upper
165 100
63 64.9 50.1 75.1
89 79.3 59.3 88.9
182 2.7 2.3 3.5

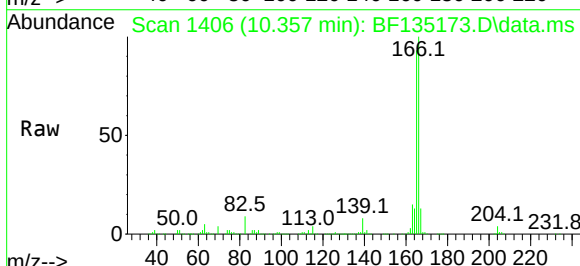
Manual Integrations

APPROVED

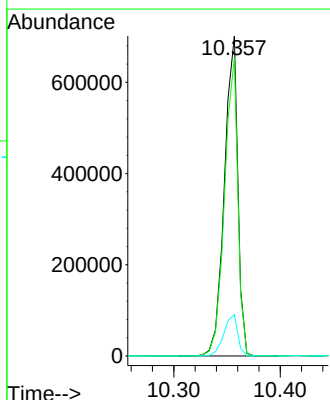
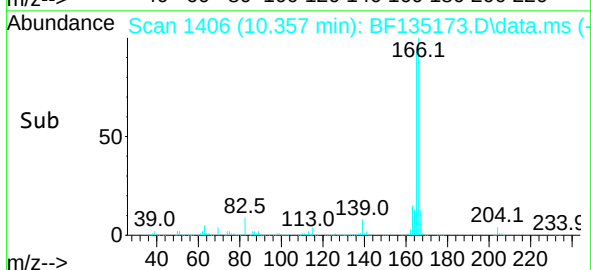
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

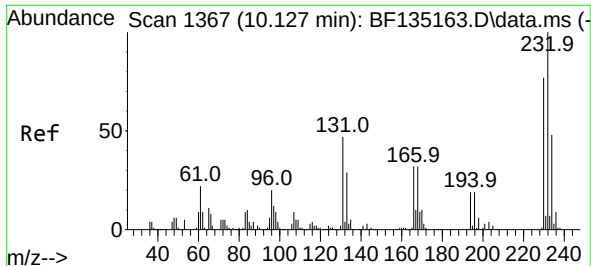


#58
Fluorene
Concen: 44.922 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



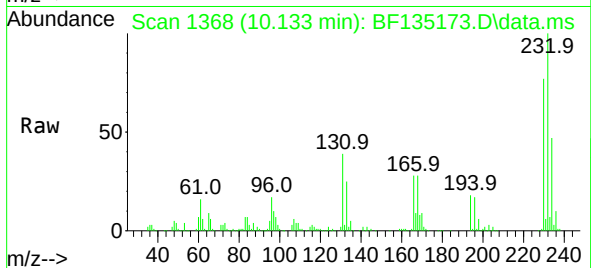
Tgt Ion:166 Resp: 611627
Ion Ratio Lower Upper
166 100
165 93.2 74.3 111.5
167 13.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.877 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

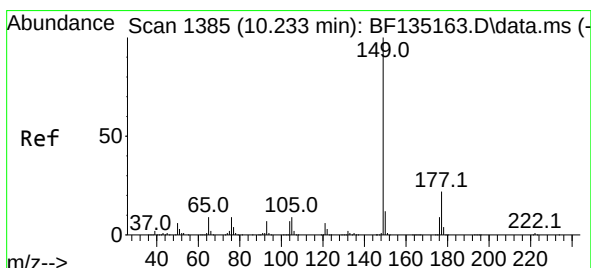
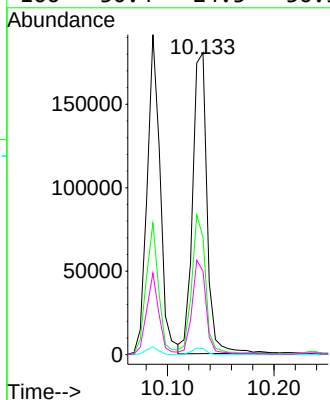
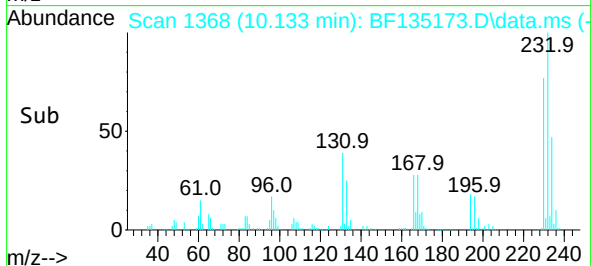
Instrument :
BNA_F
ClientSampleId :
PB155443BS



Tgt Ion:232 Resp: 170564
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.2 1.8 2.8
166 30.4 24.3 36.5

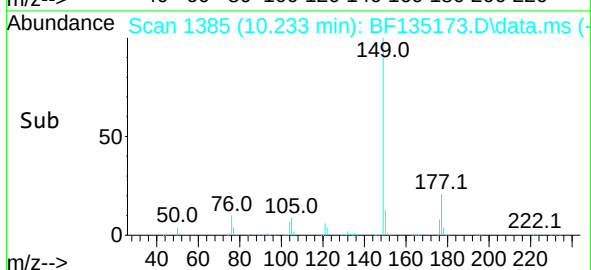
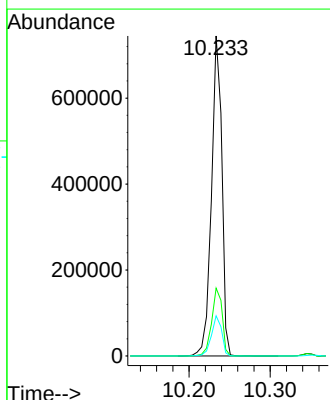
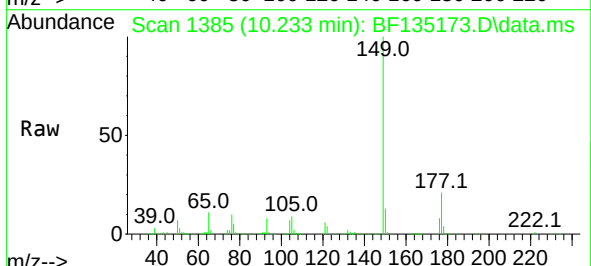
Manual Integrations
APPROVED

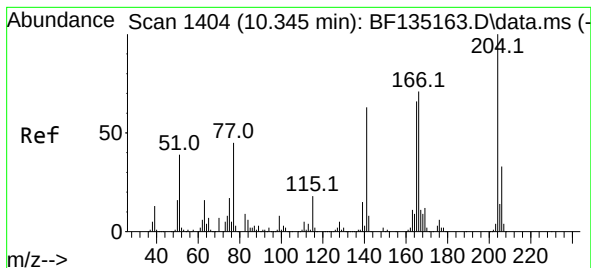
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#60
Diethylphthalate
Concen: 45.743 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

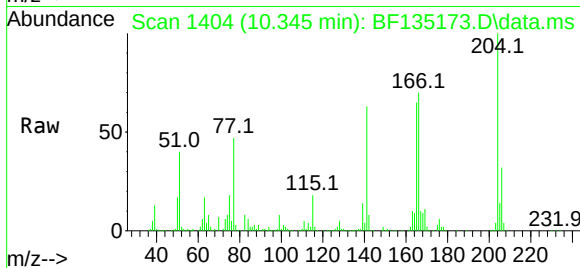
Tgt Ion:149 Resp: 658041
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.268 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

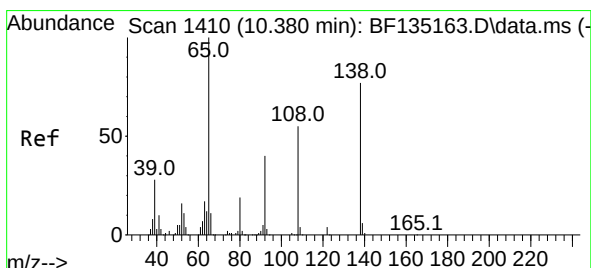
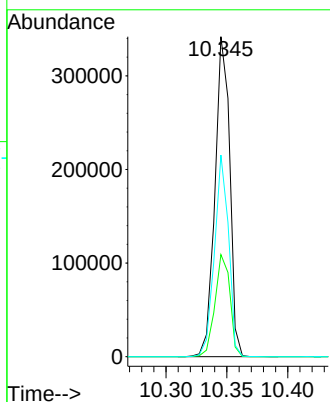
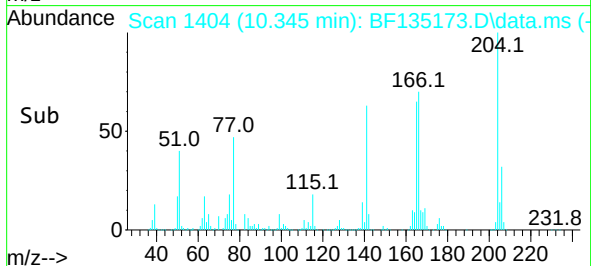
Instrument :
BNA_F
ClientSampleId :
PB155443BS



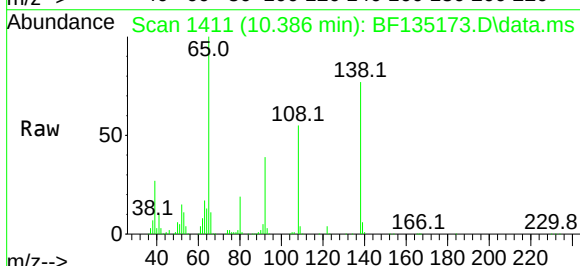
Tgt Ion:204 Resp: 28952
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 63.0 50.6 75.8

Manual Integrations
APPROVED

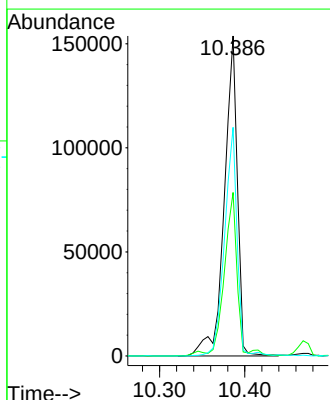
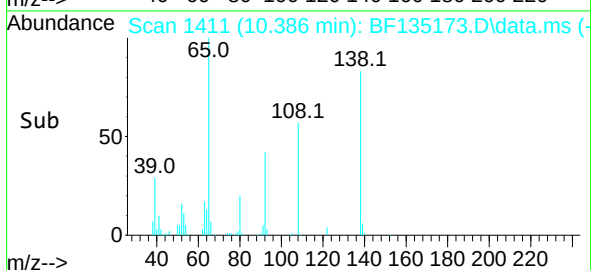
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

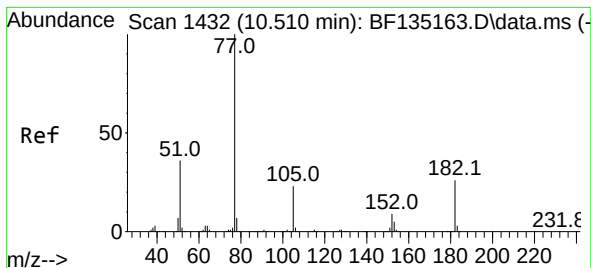


#62
4-Nitroaniline
Concen: 46.332 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:138 Resp: 164161
Ion Ratio Lower Upper
138 100
92 51.1 31.8 71.8
108 71.5 52.0 92.0





#63

Azobenzene

Concen: 45.480 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135173.D

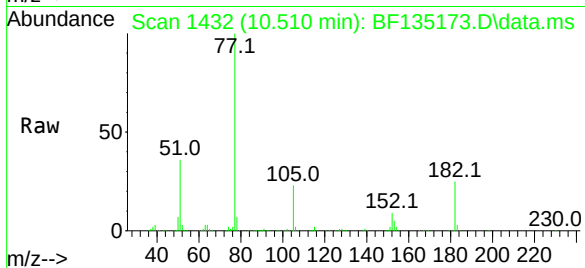
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS



Tgt Ion: 77 Resp: 640328

Ion Ratio Lower Upper

77 100

182 25.4 6.4 46.4

105 22.6 3.1 43.1

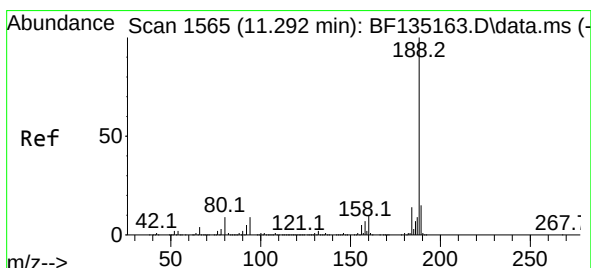
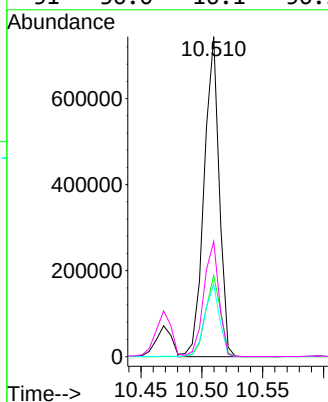
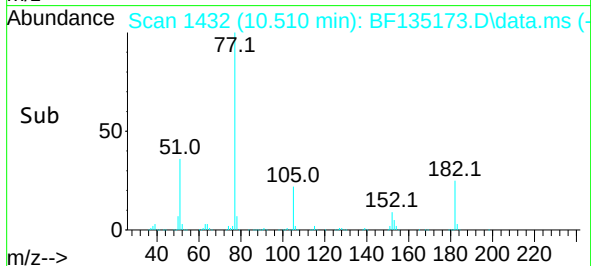
51 36.0 16.1 56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

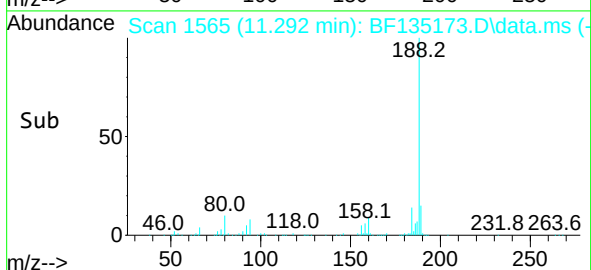
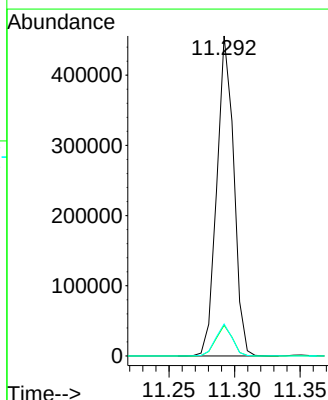
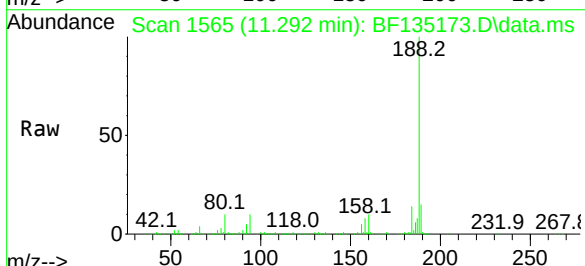
Tgt Ion:188 Resp: 409868

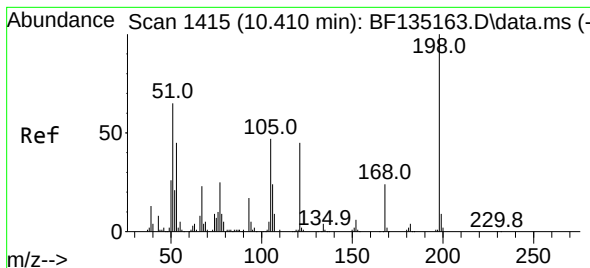
Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

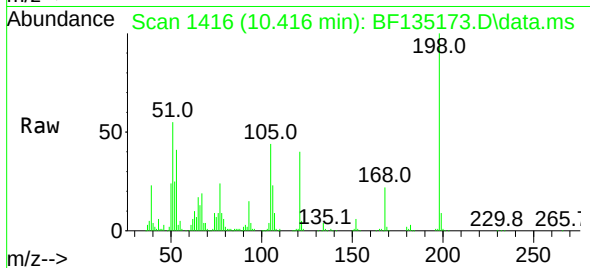
80 10.0 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 49.780 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

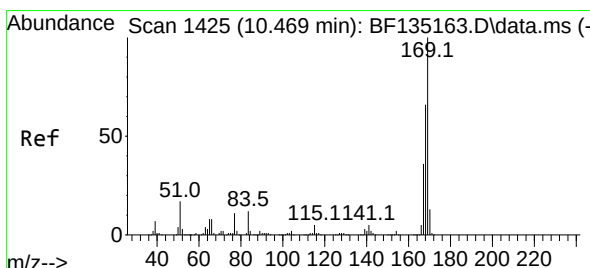
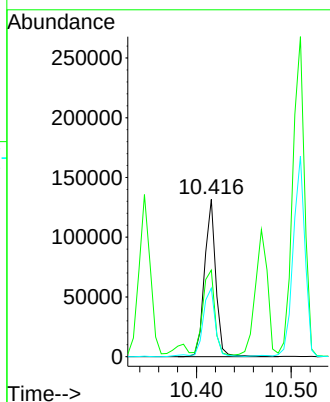
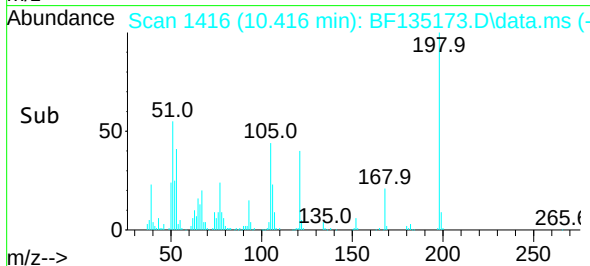
Instrument :
BNA_F
ClientSampleId :
PB155443BS



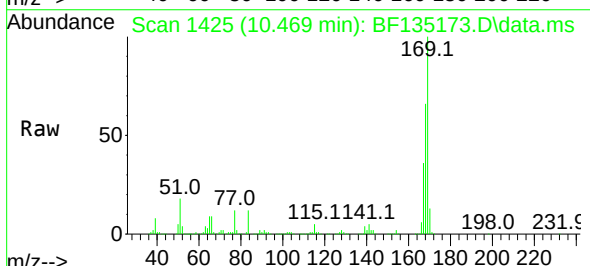
Tgt Ion:198 Resp: 108368
Ion Ratio Lower Upper
198 100
51 55.0 47.7 87.7
105 43.6 27.4 67.4

Manual Integrations
APPROVED

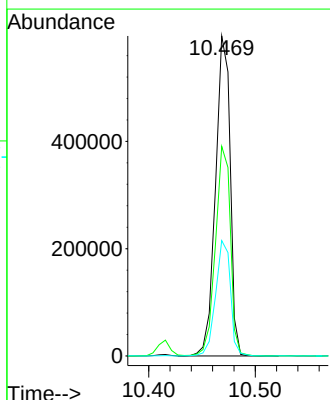
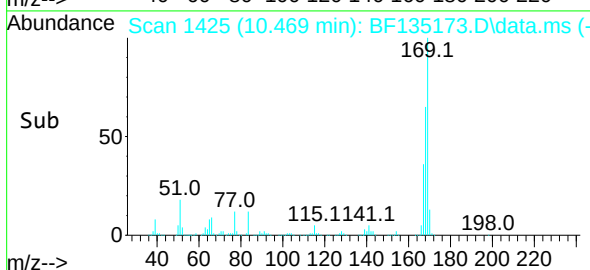
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

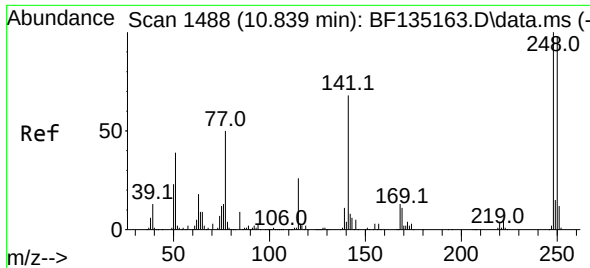


#66
n-Nitrosodiphenylamine
Concen: 46.030 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



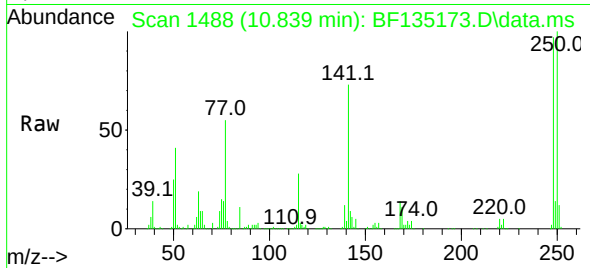
Tgt Ion:169 Resp: 571166
Ion Ratio Lower Upper
169 100
168 65.5 52.8 79.2
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 44.758 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

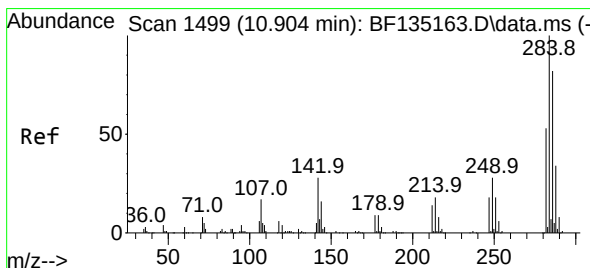
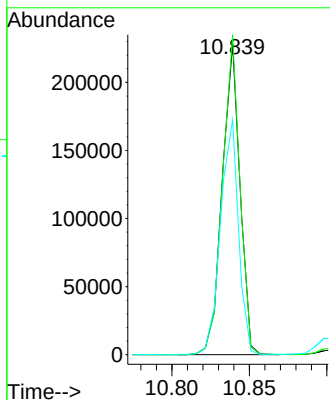
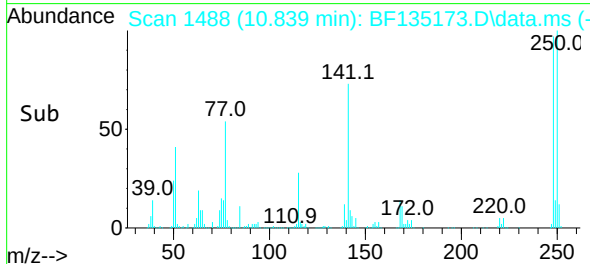
Instrument :
BNA_F
ClientSampleId :
PB155443BS



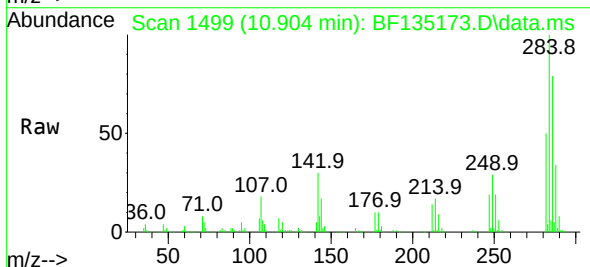
Tgt Ion:248 Resp: 182454
Ion Ratio Lower Upper
248 100
250 102.9 78.6 117.8
141 75.5 54.2 81.2

Manual Integrations
APPROVED

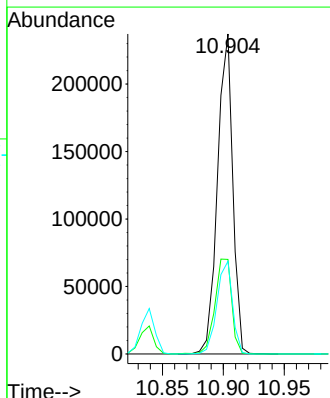
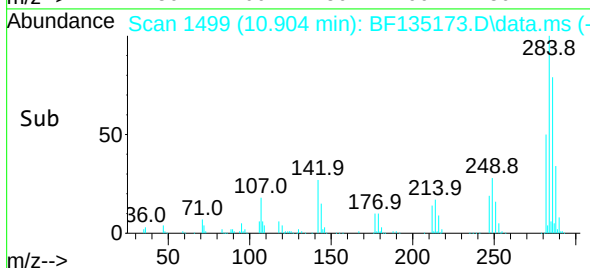
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

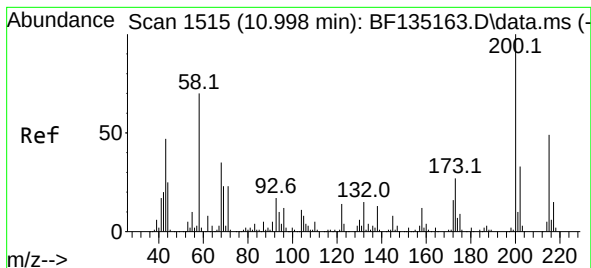


#68
Hexachlorobenzene
Concen: 49.871 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:284 Resp: 207113
Ion Ratio Lower Upper
284 100
142 29.6 22.2 33.4
249 28.9 22.5 33.7





#69

Atrazine

Concen: 54.091 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

Tgt Ion:200 Resp: 18060

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

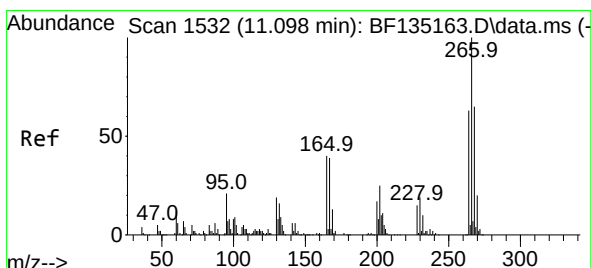
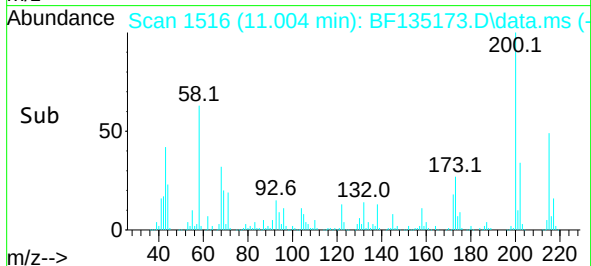
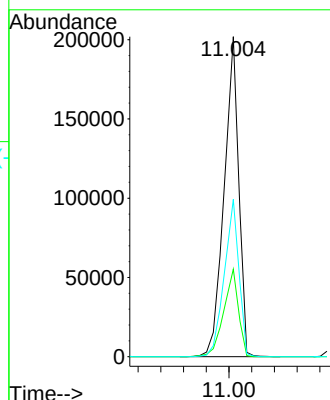
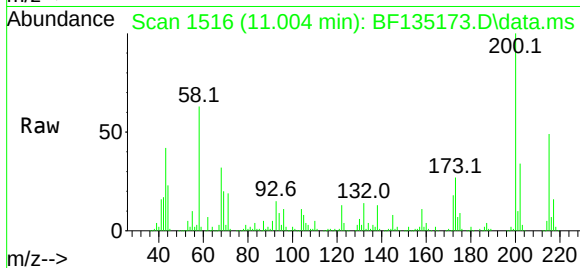
215 49.1 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 88.013 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

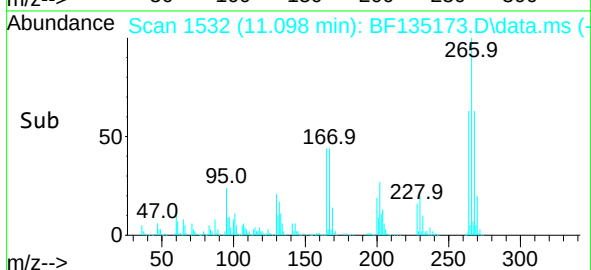
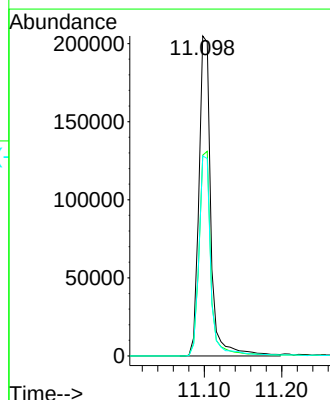
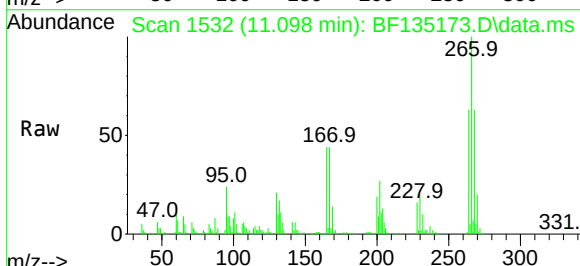
Tgt Ion:266 Resp: 218686

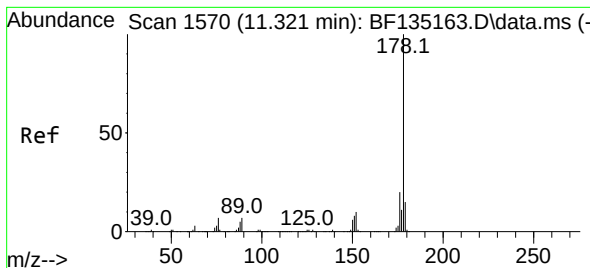
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

264 62.5 50.8 76.2





#71
Phenanthrene
Concen: 46.353 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

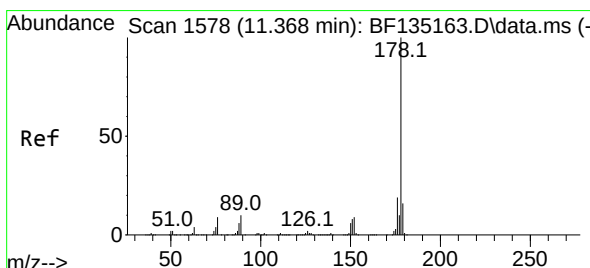
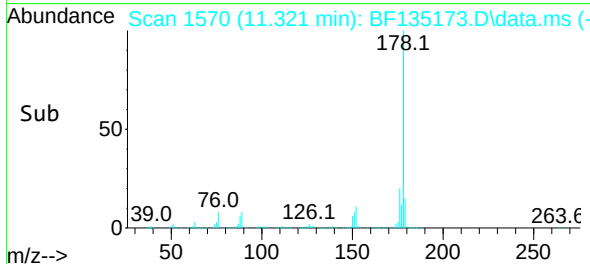
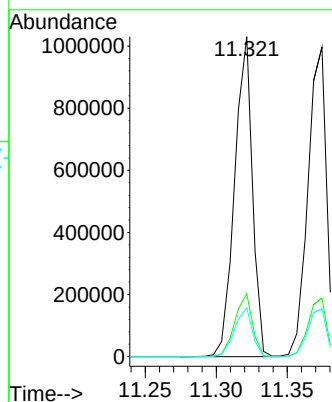
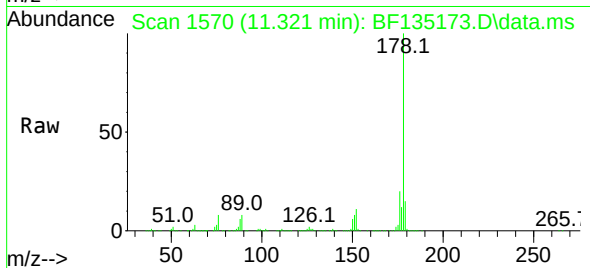
PB155443BS

Tgt Ion:178 Resp: 898549
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.2 12.0 18.0

Manual Integrations

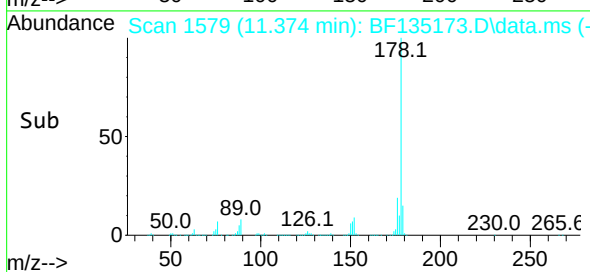
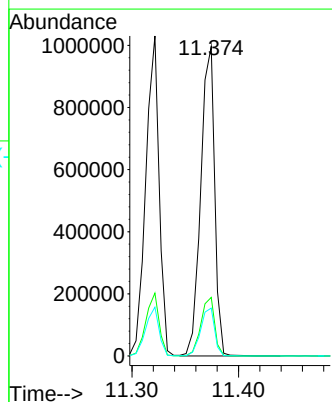
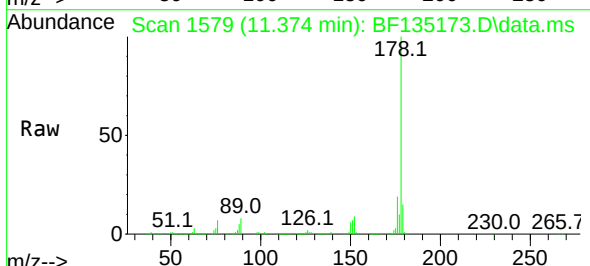
APPROVED

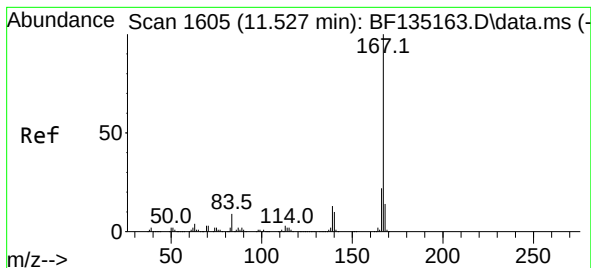
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#72
Anthracene
Concen: 45.485 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Tgt Ion:178 Resp: 906321
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 47.168 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

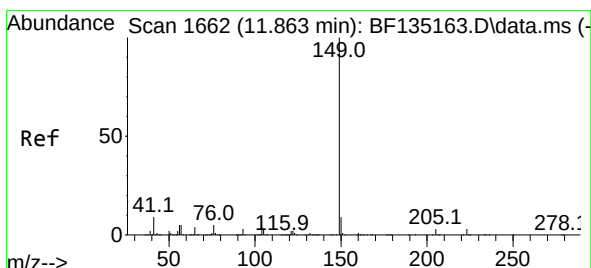
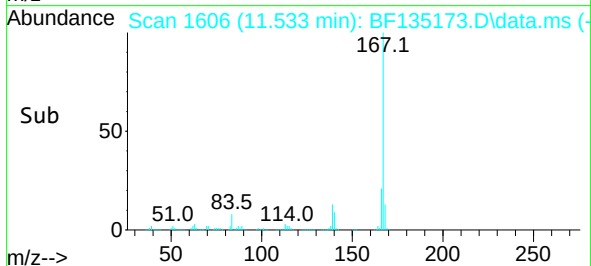
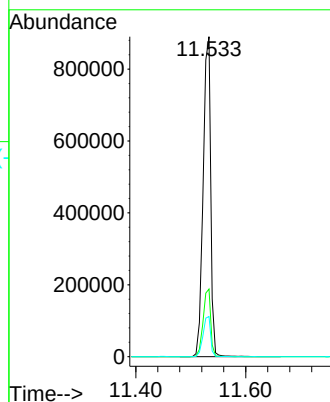
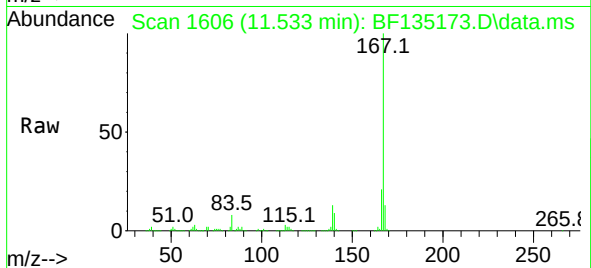
Tgt Ion:167	Resp: 855574
Ion Ratio	Lower Upper
167 100	
166 21.2	17.4 26.0
139 12.5	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#74

Di-n-butylphthalate

Concen: 46.486 ng

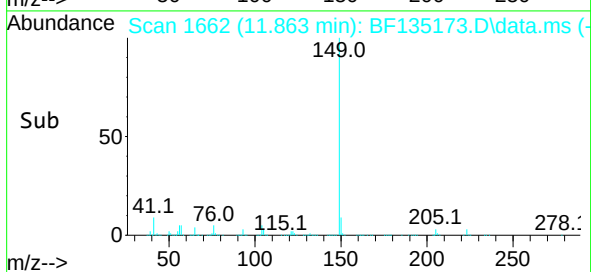
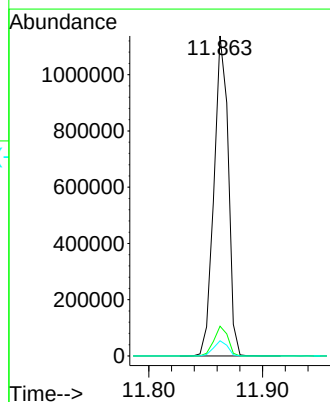
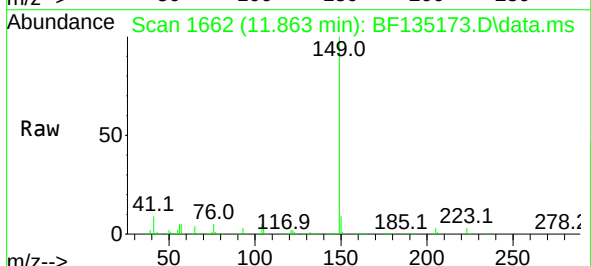
RT: 11.863 min Scan# 1662

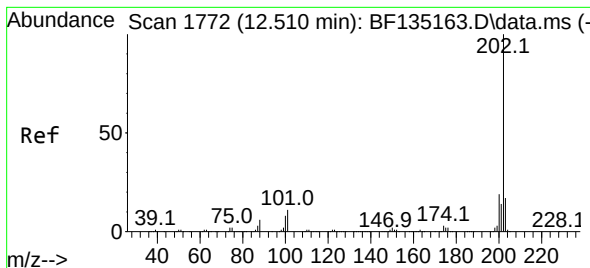
Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

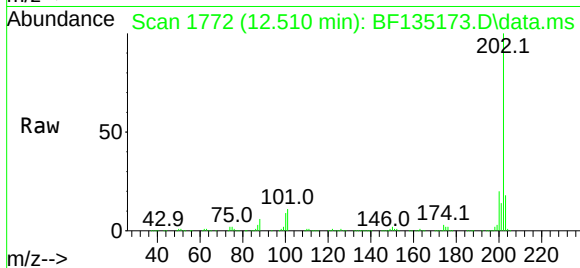
Tgt Ion:149	Resp: 993574
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.0
104 4.7	3.6 5.4





#75
Fluoranthene
Concen: 46.726 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

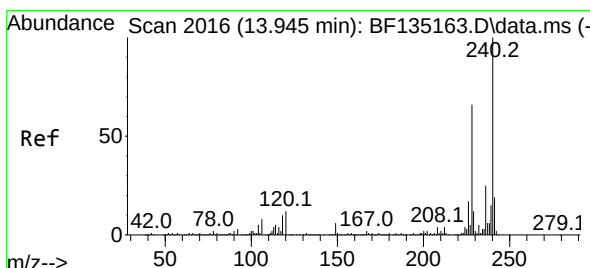
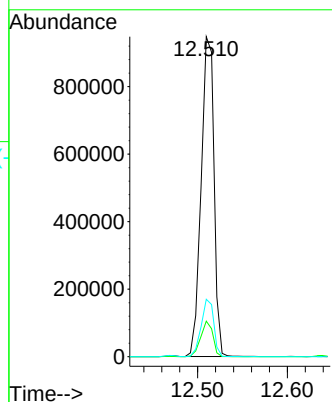
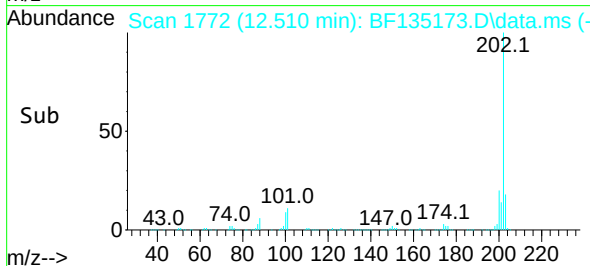
Instrument :
BNA_F
ClientSampleId :
PB155443BS



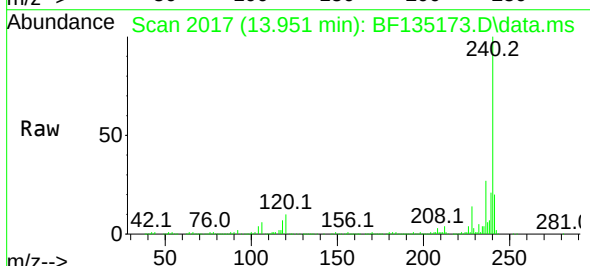
Tgt Ion:202 Resp: 943809
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 18.0 0.0 37.4

Manual Integrations
APPROVED

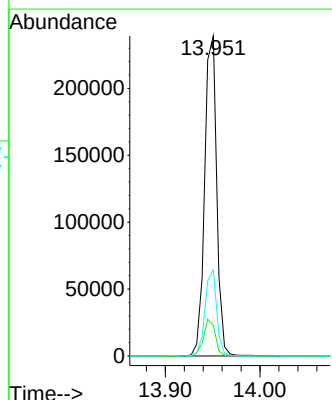
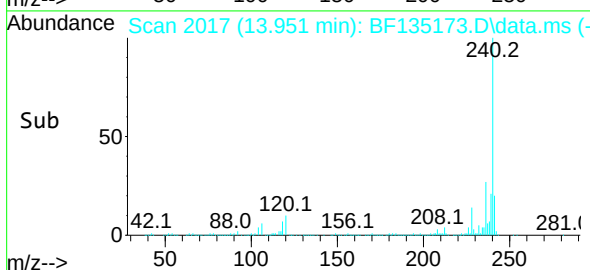
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

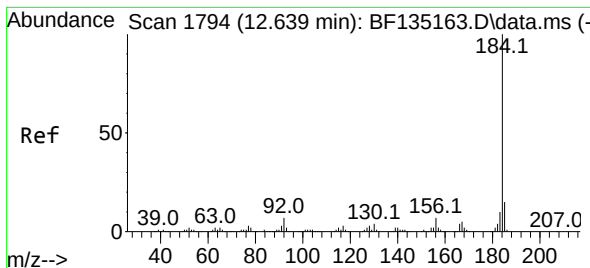


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:240 Resp: 211267
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.2
236 26.8 19.8 29.8





#77

Benzidine

Concen: 98.815 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135173.D

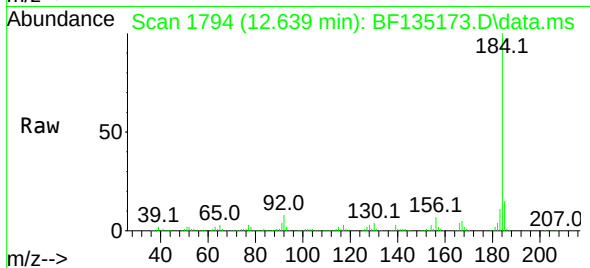
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS



Tgt Ion:184 Resp: 427690

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

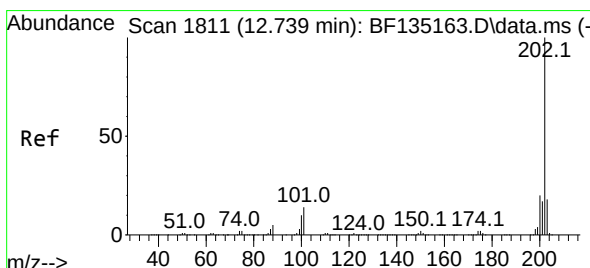
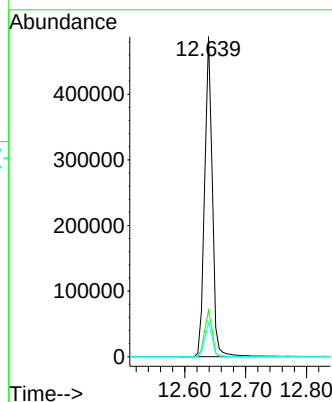
183 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#78

Pyrene

Concen: 46.778 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

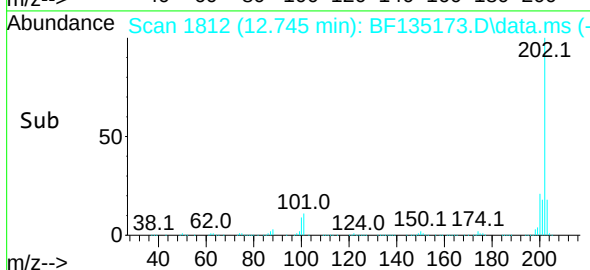
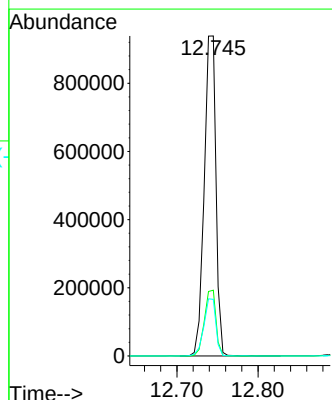
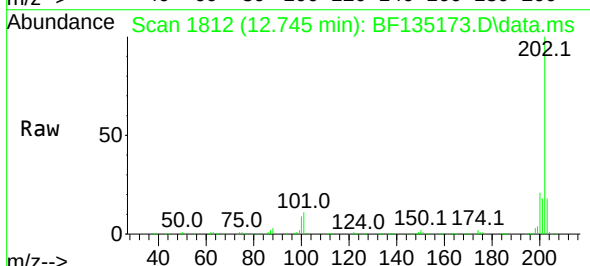
Tgt Ion:202 Resp: 940894

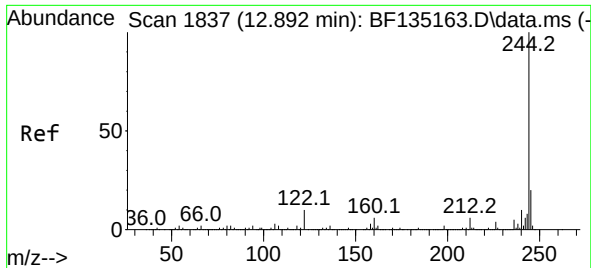
Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

203 17.7 14.2 21.4





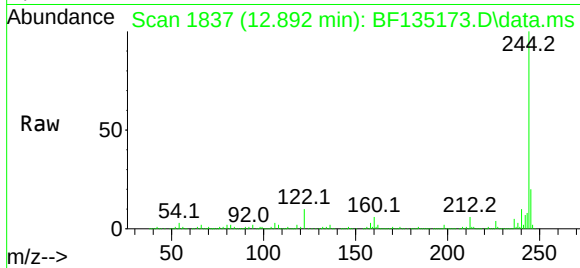
#79
 Terphenyl-d14
 Concen: 87.267 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135173.D
 Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

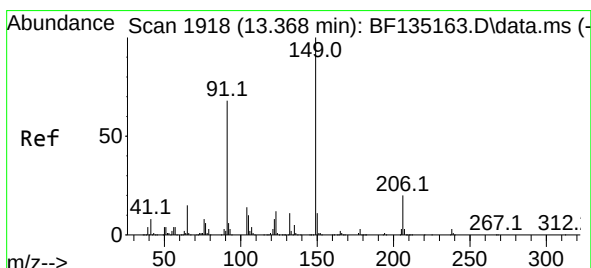
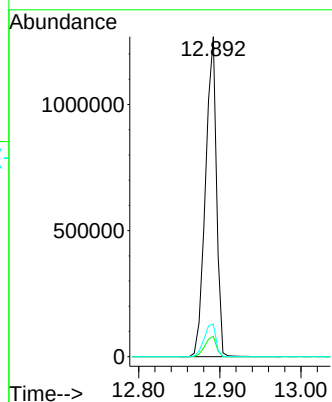
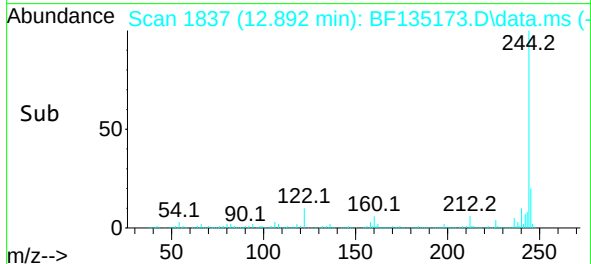


Tgt Ion:244 Resp: 1189309
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 10.2 7.9 11.9

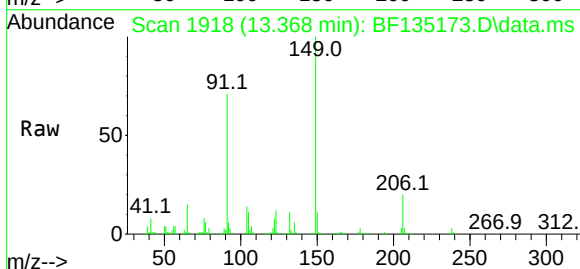
Manual Integrations

APPROVED

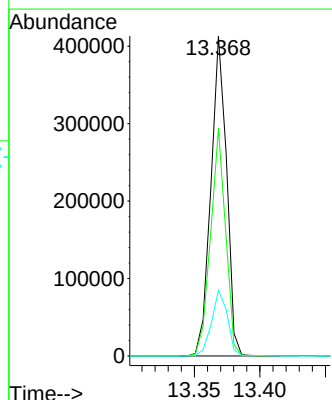
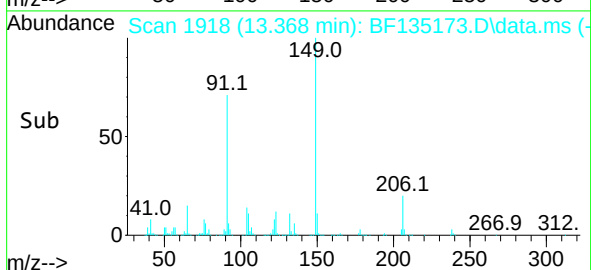
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

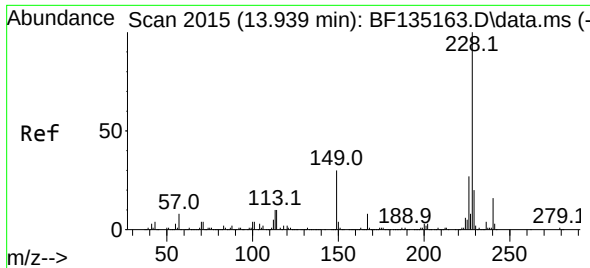


#80
 Butylbenzylphthalate
 Concen: 48.517 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135173.D
 Acq: 12 Sep 2023 10:28



Tgt Ion:149 Resp: 343591
 Ion Ratio Lower Upper
 149 100
 91 71.1 54.7 82.1
 206 20.5 16.3 24.5





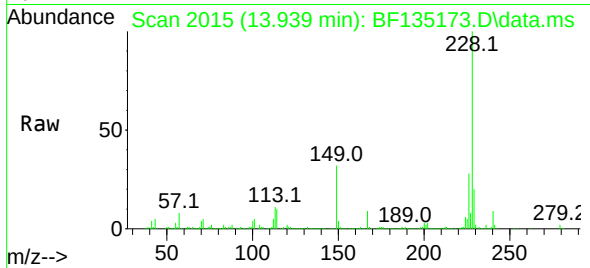
#81
Benzo(a)anthracene
Concen: 46.577 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

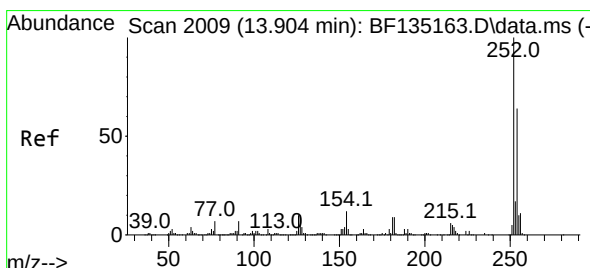
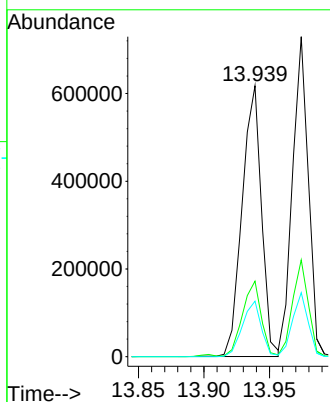
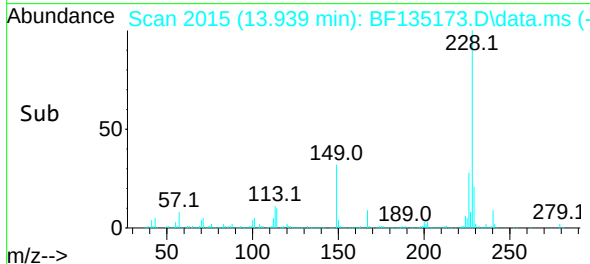


Tgt Ion:228 Resp: 63540
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.5 15.8 23.8

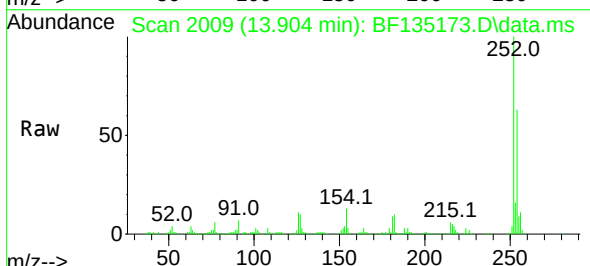
Manual Integrations

APPROVED

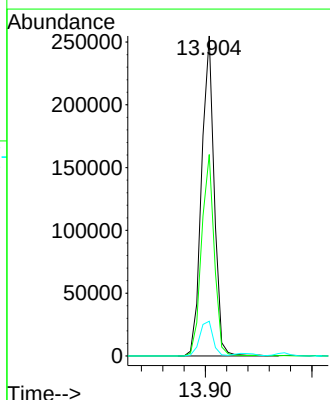
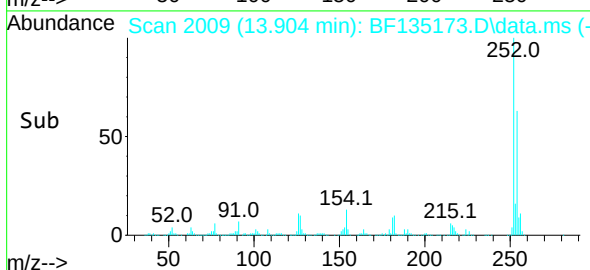
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

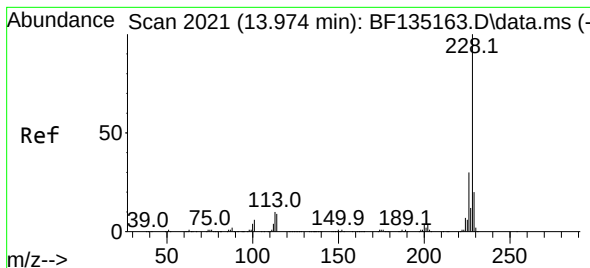


#82
3,3'-Dichlorobenzidine
Concen: 49.432 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:252 Resp: 210637
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 10.9 7.8 11.8





#83

Chrysene

Concen: 45.417 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

Tgt Ion:228 Resp: 616004

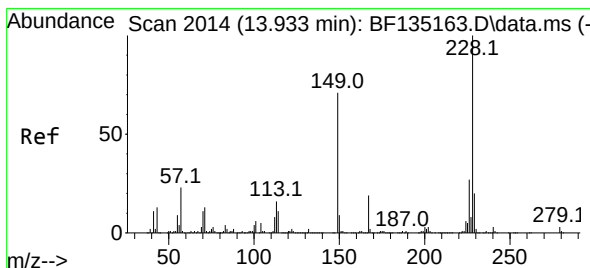
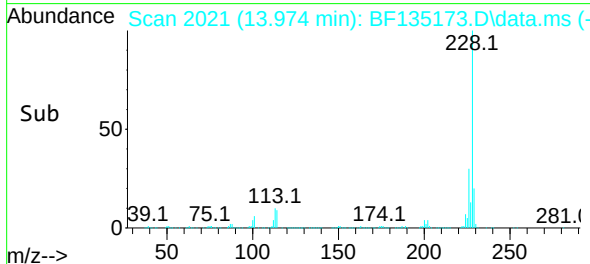
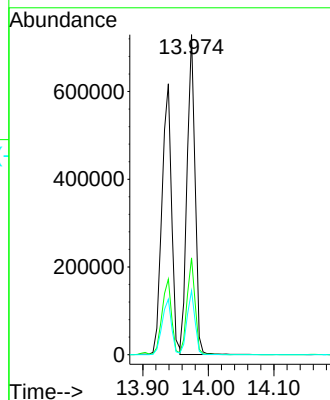
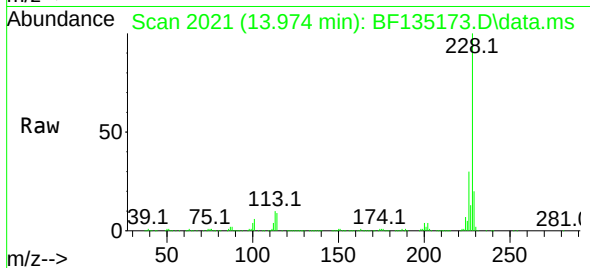
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.126 ng

RT: 13.933 min Scan# 2014

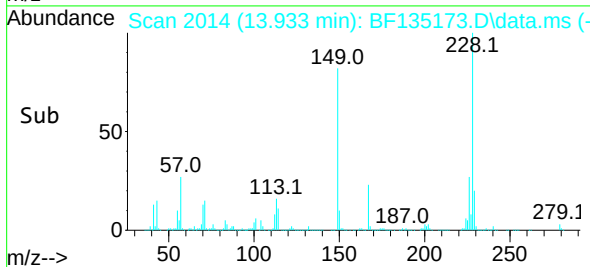
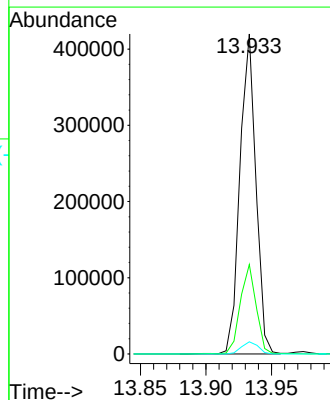
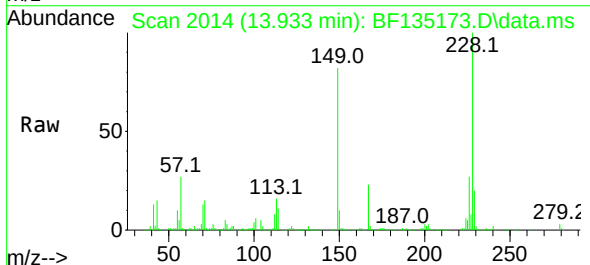
Delta R.T. 0.000 min

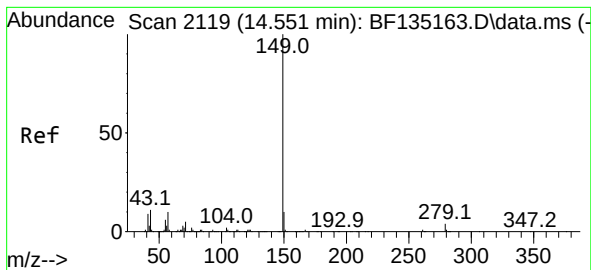
Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Tgt Ion:149 Resp: 357010

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	3.8	3.3	4.9





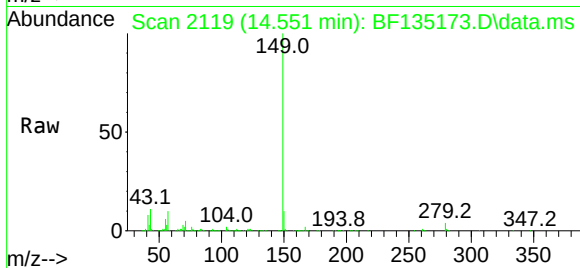
#85
Di-n-octyl phthalate
Concen: 49.699 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS



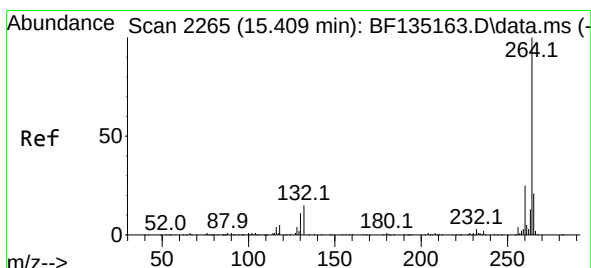
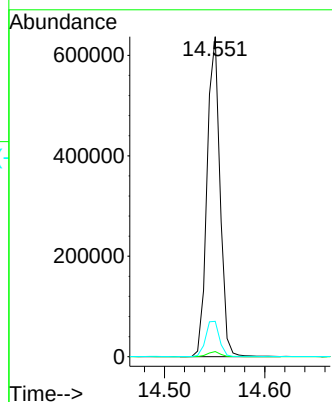
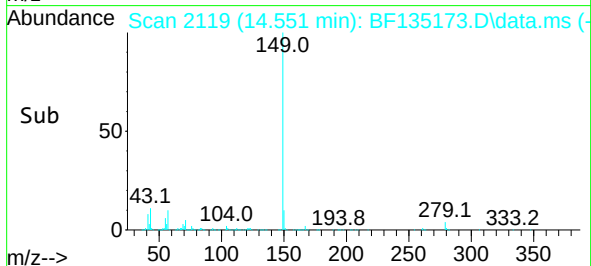
Tgt Ion:149 Resp: 57397
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.8 9.8 14.6

Manual Integrations

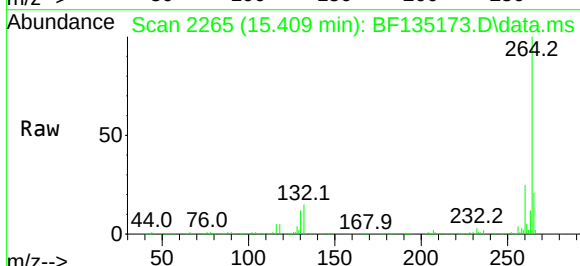
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

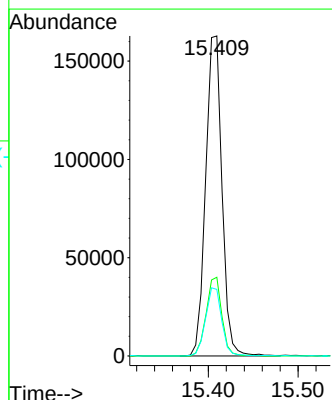
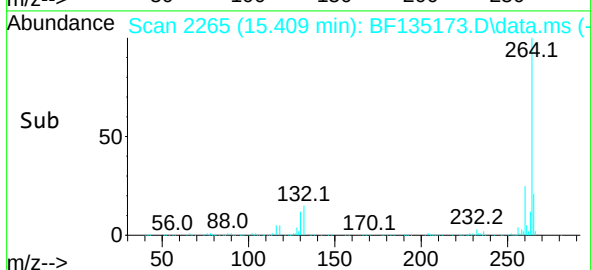
Supervised By :mohammad ahmed 09/13/2023

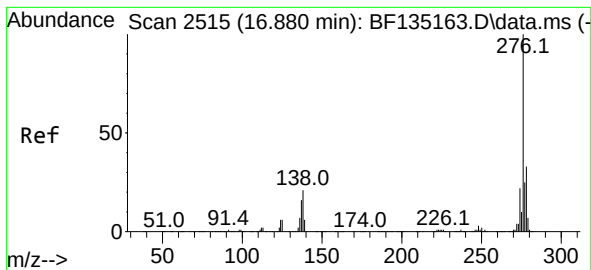


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion:264 Resp: 205816
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.750 ng

RT: 16.886 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

Tgt Ion:276 Resp: 67136

Ion Ratio Lower Upper

276 100

138 22.8 19.2 28.8

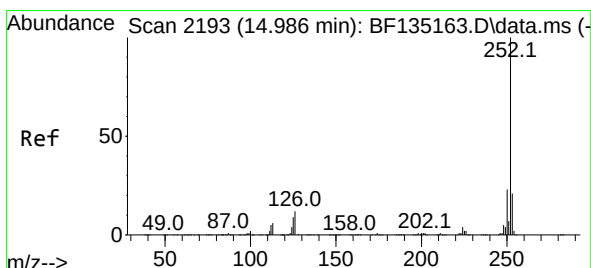
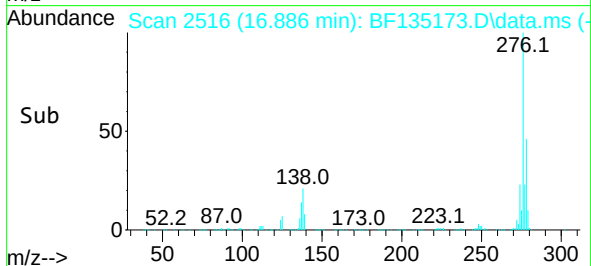
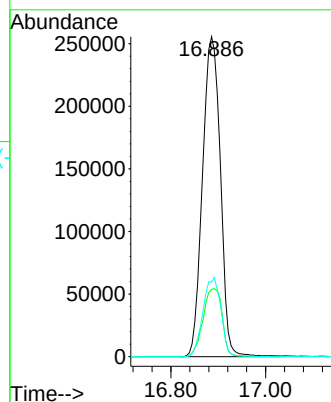
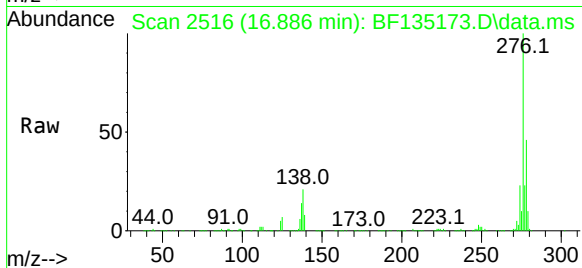
277 24.9 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#88

Benzo(b)fluoranthene

Concen: 49.781 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

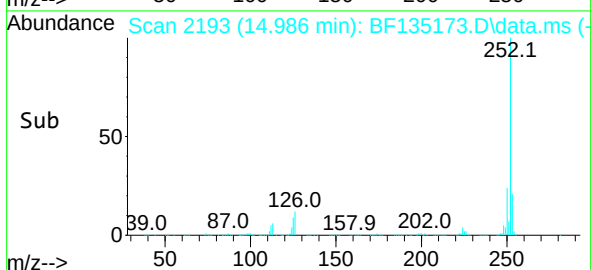
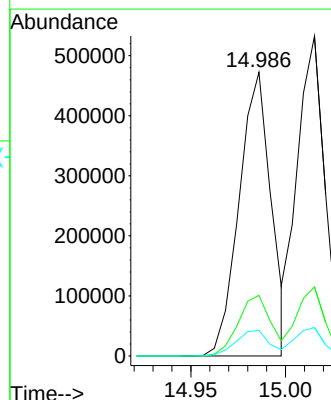
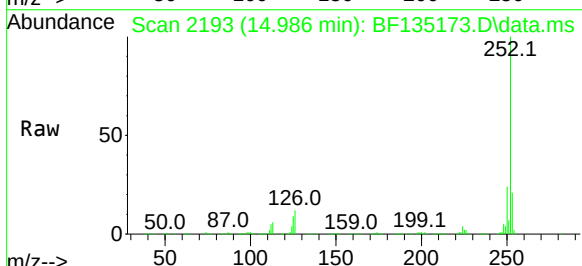
Tgt Ion:252 Resp: 554636

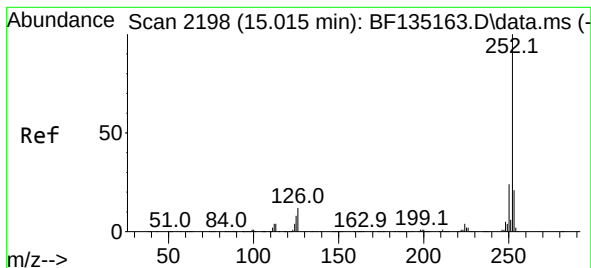
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 49.251 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

Instrument :

BNA_F

ClientSampleId :

PB155443BS

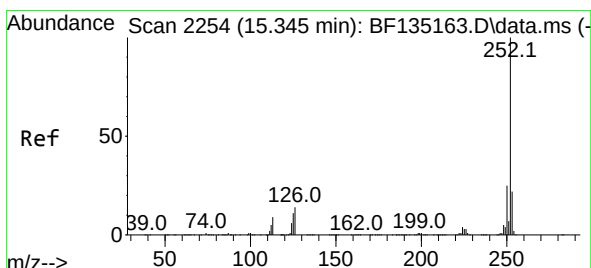
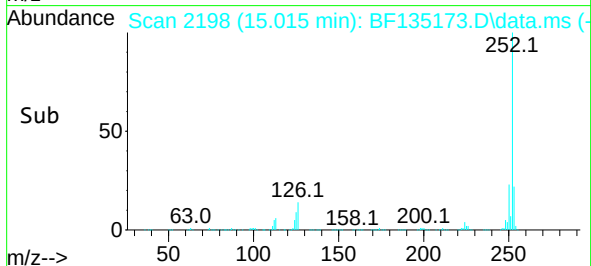
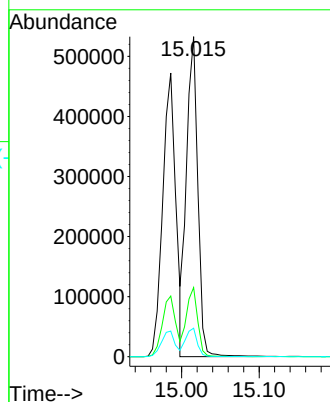
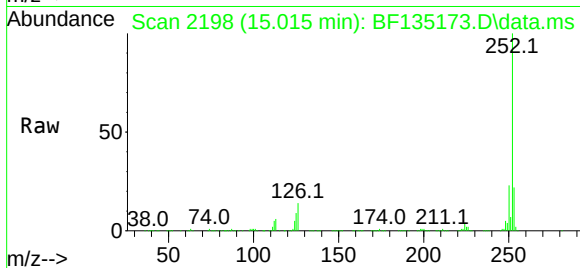
Tgt Ion:252 Resp: 542052
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 8.9 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#90

Benzo(a)pyrene

Concen: 45.642 ng

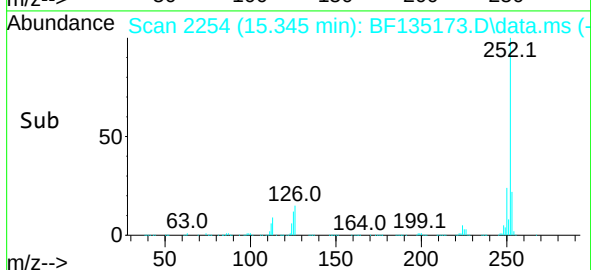
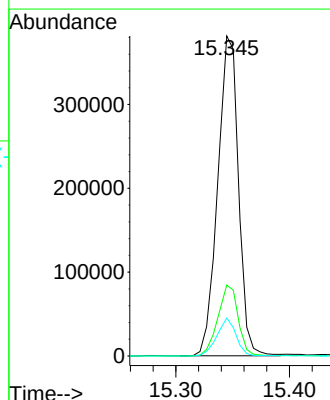
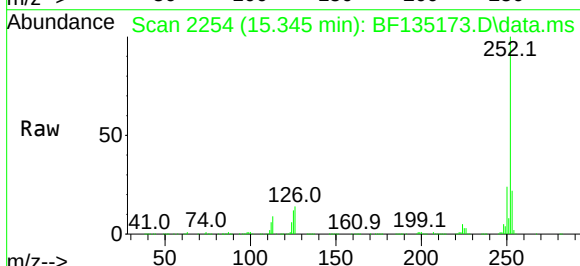
RT: 15.345 min Scan# 2254

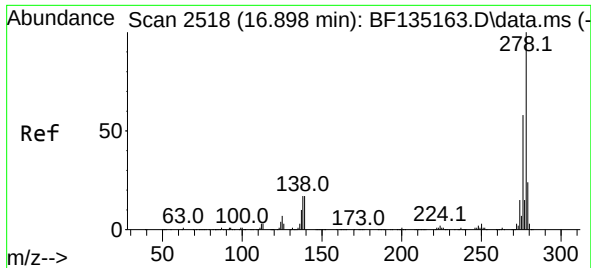
Delta R.T. 0.000 min

Lab File: BF135173.D

Acq: 12 Sep 2023 10:28

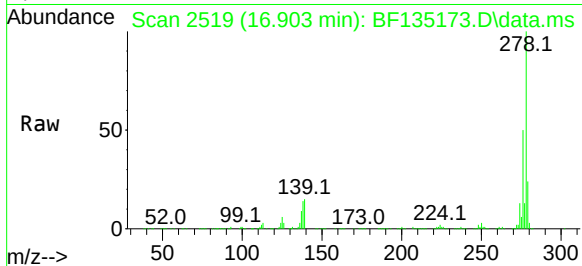
Tgt Ion:252 Resp: 484941
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 11.9 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 49.475 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28

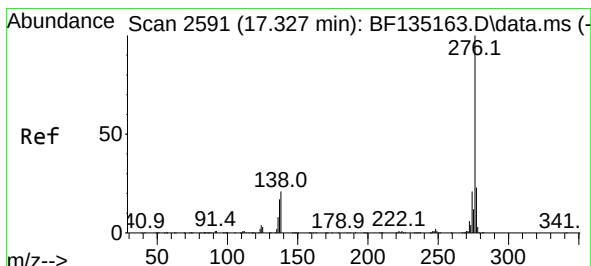
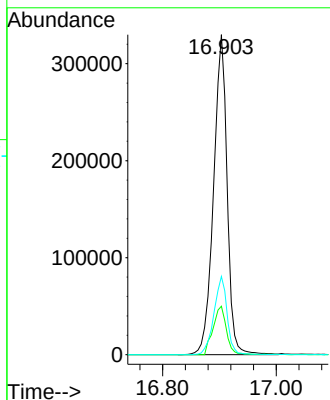
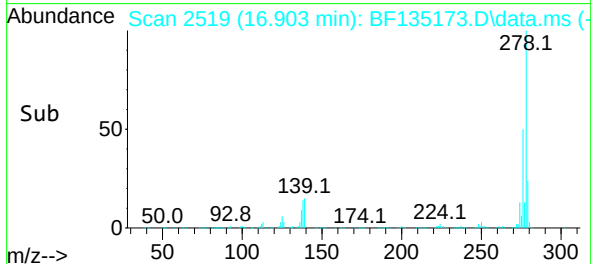
Instrument :
BNA_F
ClientSampleId :
PB155443BS



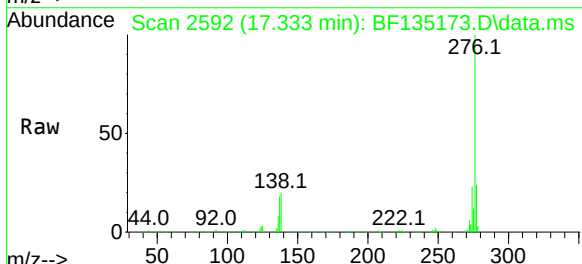
Tgt Ion: 278 Resp: 54627
Ion Ratio Lower Upper
278 100
139 15.1 13.4 20.0
279 24.4 19.0 28.6

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/13/2023



#92
Benzo(g,h,i)perylene
Concen: 49.238 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135173.D
Acq: 12 Sep 2023 10:28



Tgt Ion: 276 Resp: 567785
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 20.4 16.9 25.3

