

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135250.D
 Acq On : 14 Sep 2023 13:02
 Operator : CG\JU
 Sample : PB155315BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155315BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:07:18 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	122333	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	475977	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	248089	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	479511	20.000	ng	0.00
76) Chrysene-d12	13.951	240	259131	20.000	ng	0.00
86) Perylene-d12	15.415	264	229087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	949242	126.204	ng	0.02
7) Phenol-d6	6.416	99	1192076	124.642	ng	0.01
23) Nitrobenzene-d5	7.334	82	788823	90.039	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	325729	132.120	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1367353	83.154	ng	0.00
79) Terphenyl-d14	12.898	244	1538070	92.012	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	125606	38.094	ng	100
3) Pyridine	3.340	79	328183	36.982	ng	98
4) n-Nitrosodimethylamine	3.299	42	217707	46.231	ng	97
6) Aniline	6.434	93	390264	31.118	ng	# 69
8) 2-Chlorophenol	6.551	128	378571	47.149	ng	98
9) Benzaldehyde	6.316	77	128318	23.551	ng	98
10) Phenol	6.428	94	435050	41.483	ng	85
11) bis(2-Chloroethyl)ether	6.510	93	354532	45.068	ng	97
12) 1,3-Dichlorobenzene	6.704	146	372291	45.624	ng	98
13) 1,4-Dichlorobenzene	6.781	146	378817	45.630	ng	99
14) 1,2-Dichlorobenzene	6.934	146	358036	46.439	ng	99
15) Benzyl Alcohol	6.916	79	320254	46.664	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	666331	44.938	ng	97
17) 2-Methylphenol	7.028	107	306010	43.188	ng	96
18) Hexachloroethane	7.269	117	143952	46.928	ng	89
19) n-Nitroso-di-n-propyla...	7.187	70	252450	42.615	ng	96
20) 3+4-Methylphenols	7.181	107	354091	41.560	ng	94
22) Acetophenone	7.181	105	494360	45.429	ng	96
24) Nitrobenzene	7.351	77	394599	45.569	ng	99
25) Isophorone	7.592	82	729873	45.369	ng	100
26) 2-Nitrophenol	7.663	139	200872	48.333	ng	95
27) 2,4-Dimethylphenol	7.710	122	336000	48.098	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	442658	45.972	ng	99
29) 2,4-Dichlorophenol	7.910	162	304199	46.994	ng	98
30) 1,2,4-Trichlorobenzene	7.987	180	317956	46.994	ng	98
31) Naphthalene	8.069	128	1045087	45.190	ng	100
32) Benzoic acid	7.857	122	262844	49.967	ng	93
33) 4-Chloroaniline	8.116	127	164885	16.250	ng	98
34) Hexachlorobutadiene	8.181	225	186042	45.602	ng	99
35) Caprolactam	8.504	113	110492m	50.860	ng	
36) 4-Chloro-3-methylphenol	8.610	107	345124	47.972	ng	99
37) 2-Methylnaphthalene	8.763	142	674688	43.401	ng	100
38) 1-Methylnaphthalene	8.857	142	625357	42.967	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	316844	44.084	ng	99
41) Hexachlorocyclopentadiene	8.910	237	272068	85.363	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	220916	46.945	ng	98

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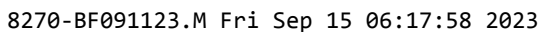
Quant Time: Sep 15 01:07:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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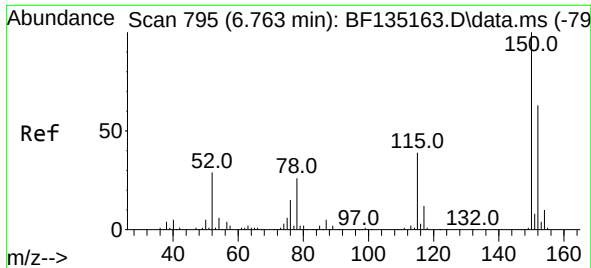
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	238951	44.092	ng	96
46) 1,1'-Biphenyl	9.228	154	848834	44.523	ng	98
47) 2-Chloronaphthalene	9.251	162	633399	45.789	ng	98
48) 2-Nitroaniline	9.351	65	247183	45.996	ng	96
49) Acenaphthylene	9.669	152	1009168	43.897	ng	100
50) Dimethylphthalate	9.539	163	773570	46.119	ng	99
51) 2,6-Dinitrotoluene	9.598	165	172022	46.815	ng	97
52) Acenaphthene	9.839	154	610830	44.977	ng	97
53) 3-Nitroaniline	9.769	138	135362	31.383	ng	95
54) 2,4-Dinitrophenol	9.886	184	192211	91.196	ng	91
55) Dibenzofuran	10.016	168	888825	42.888	ng	100
56) 4-Nitrophenol	9.945	139	258832	94.420	ng	95
57) 2,4-Dinitrotoluene	10.010	165	207712	45.154	ng	89
58) Fluorene	10.357	166	693346	43.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	198137	47.529	ng	98
60) Diethylphthalate	10.239	149	769373	45.705	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	335133	43.790	ng	94
62) 4-Nitroaniline	10.392	138	195062	47.047	ng	99
63) Azobenzene	10.510	77	755258	45.843	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	132053	51.850	ng	89
66) n-Nitrosodiphenylamine	10.475	169	661430	45.562	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	218709	45.860	ng	93
68) Hexachlorobenzene	10.904	284	238556	49.100	ng	92
69) Atrazine	11.010	200	219403	56.169	ng	99
70) Pentachlorophenol	11.104	266	250902	86.313	ng	98
71) Phenanthrene	11.322	178	1052159	46.394	ng	99
72) Anthracene	11.375	178	1073491	46.050	ng	99
73) Carbazole	11.533	167	1029685	48.522	ng	100
74) Di-n-butylphthalate	11.869	149	1232085	49.273	ng	100
75) Fluoranthene	12.516	202	1138956	48.197	ng	99
77) Benzidine	12.639	184	356894	67.227	ng	99
78) Pyrene	12.745	202	1154805	46.808	ng	100
80) Butylbenzylphthalate	13.374	149	485011	55.836	ng	99
81) Benzo(a)anthracene	13.945	228	773181	46.208	ng	98
82) 3,3'-Dichlorobenzidine	13.910	252	177540	33.969	ng	98
83) Chrysene	13.980	228	765801	46.032	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	562148	63.066	ng	99
85) Di-n-octyl phthalate	14.551	149	855057	60.362	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	756275	50.350	ng	99
88) Benzo(b)fluoranthene	14.992	252	625148	50.410	ng	99
89) Benzo(k)fluoranthene	15.021	252	619438	50.565	ng	99
90) Benzo(a)pyrene	15.357	252	562518	47.565	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	614039	49.963	ng	97
92) Benzo(g,h,i)perylene	17.351	276	616680	48.046	ng	98

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

Manual Integrations APPROVED

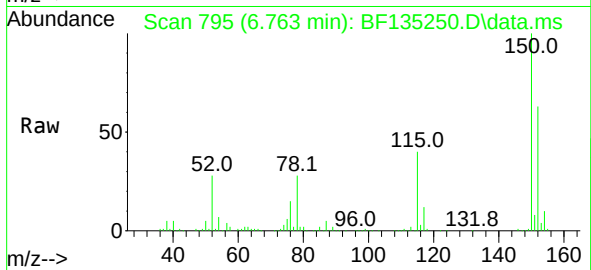
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

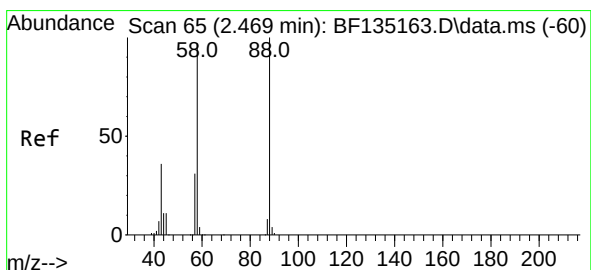
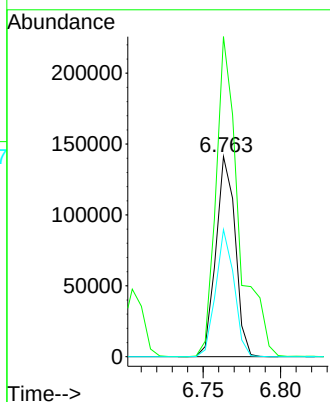
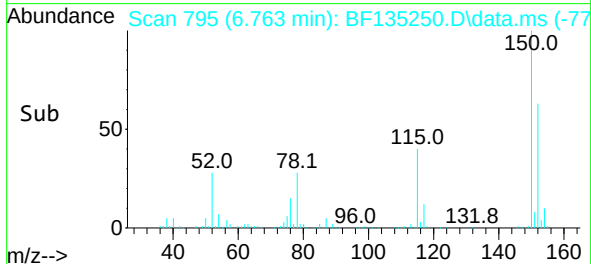
Instrument :
BNA_F
ClientSampleId :
PB155315BS



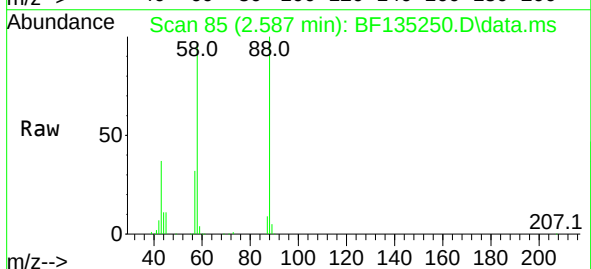
Tgt Ion:152 Resp: 12233
Ion Ratio Lower Upper
152 100
150 159.9 127.8 191.6
115 63.5 49.8 74.8

Manual Integrations
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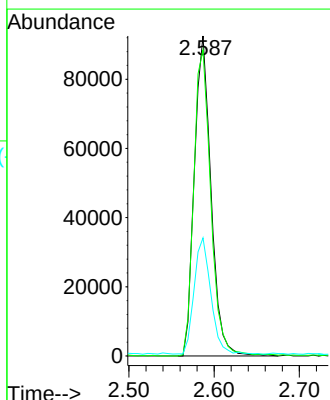
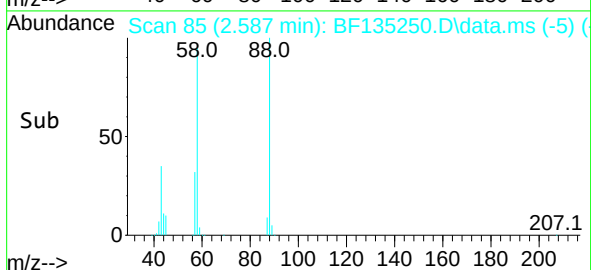
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

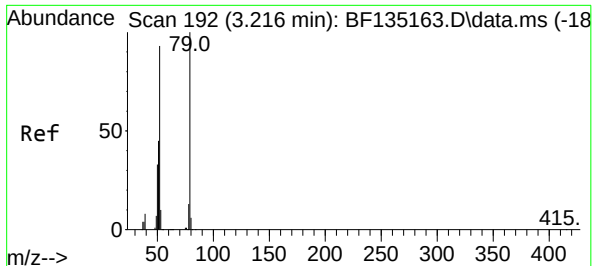


#2
1,4-Dioxane
Concen: 38.094 ng
RT: 2.587 min Scan# 85
Delta R.T. 0.118 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



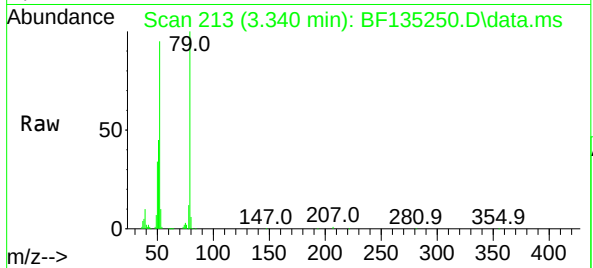
Tgt Ion: 88 Resp: 125606
Ion Ratio Lower Upper
88 100
58 97.8 78.3 117.5
43 36.5 29.4 44.0





#3
Pyridine
Concen: 36.982 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.124 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

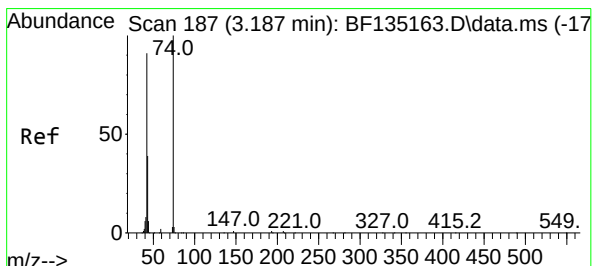
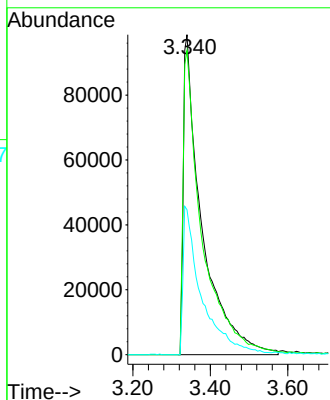
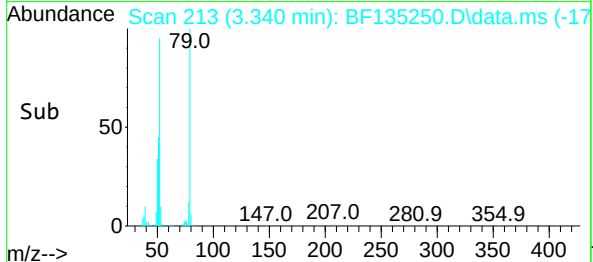
Instrument :
BNA_F
ClientSampleId :
PB155315BS



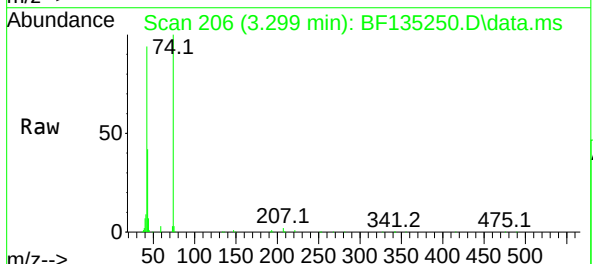
Tgt Ion: 79 Resp: 32818
Ion Ratio Lower Upper
79 100
52 95.1 74.1 111.1
51 45.3 35.8 53.8

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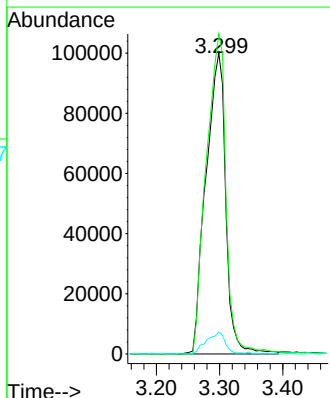
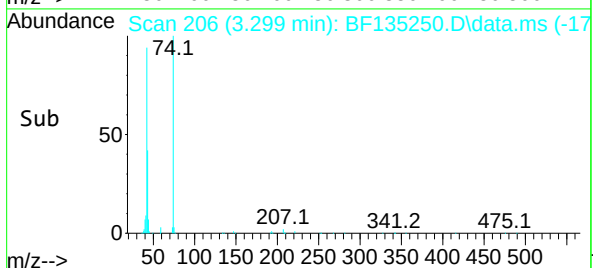
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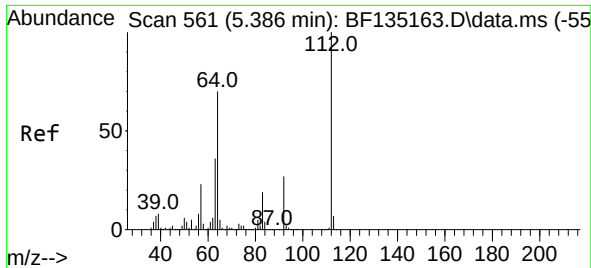


#4
n-Nitrosodimethylamine
Concen: 46.231 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.112 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion: 42 Resp: 217707
Ion Ratio Lower Upper
42 100
74 106.4 87.7 131.5
44 7.3 5.6 8.4





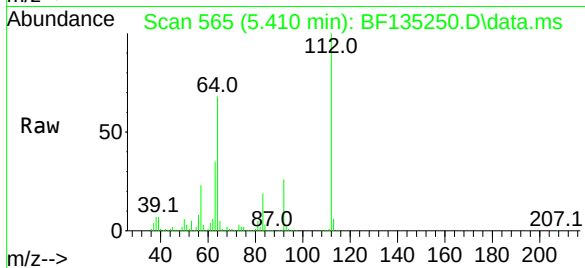
#5
2-Fluorophenol
Concen: 126.204 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

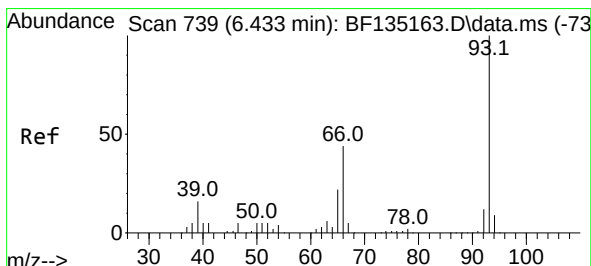
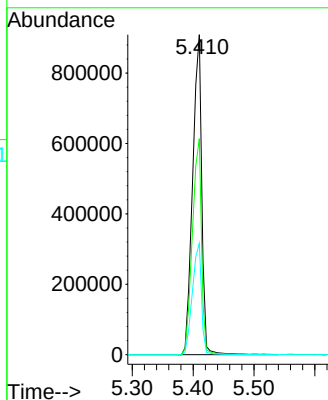
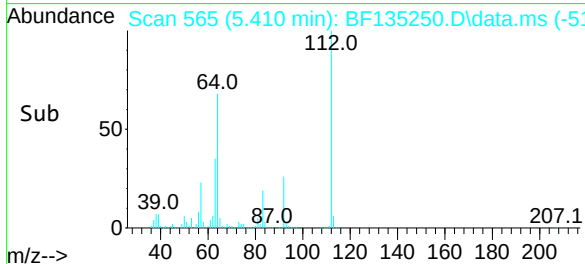


Tgt Ion:112 Resp: 94924
Ion Ratio Lower Upper
112 100
64 67.5 55.9 83.9
63 34.8 29.0 43.6

Manual Integrations

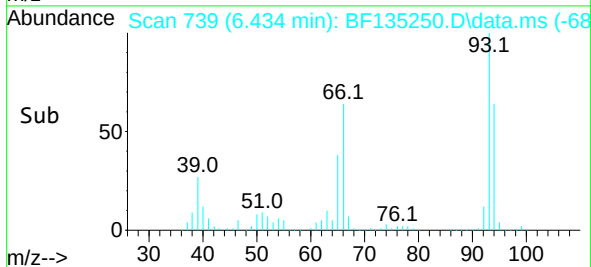
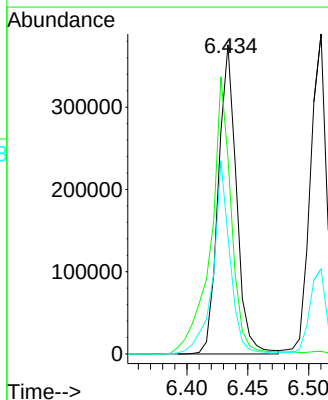
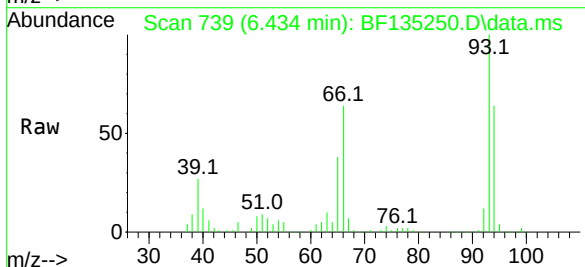
APPROVED

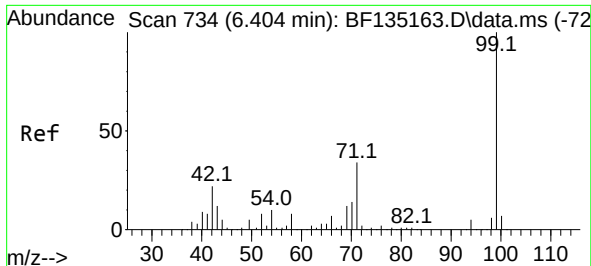
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#6
Aniline
Concen: 31.118 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion: 93 Resp: 390264
Ion Ratio Lower Upper
93 100
66 63.5 35.4 53.0#
65 37.9 17.8 26.8#





#7

Phenol-d6

Concen: 124.642 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

Tgt Ion: 99 Resp: 1192070

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

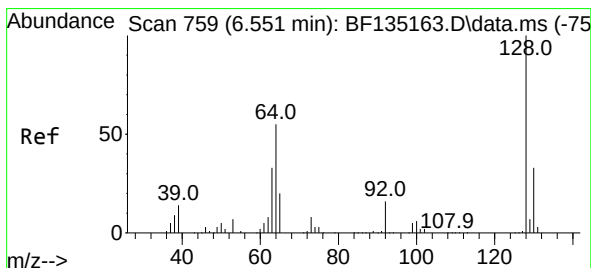
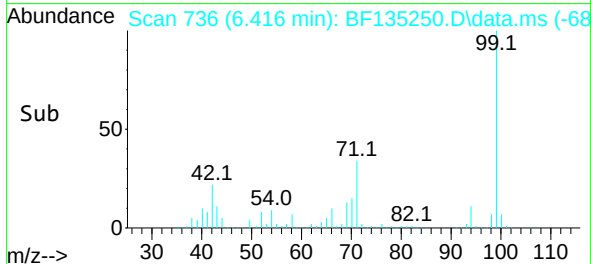
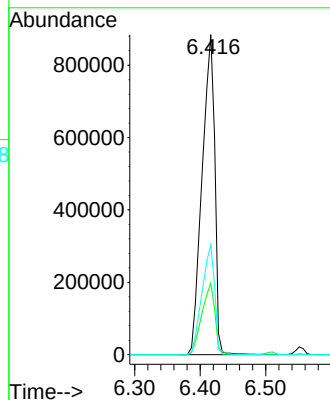
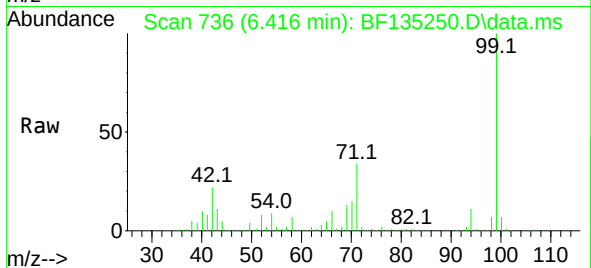
71 34.4 27.0 40.6

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#8

2-Chlorophenol

Concen: 47.149 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

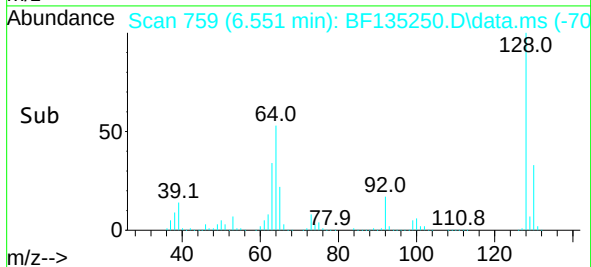
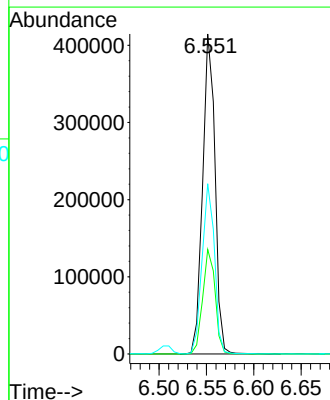
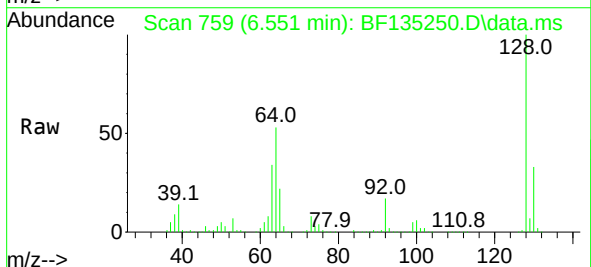
Tgt Ion:128 Resp: 378571

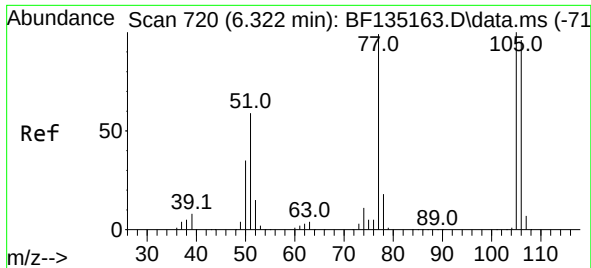
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 53.2 35.9 75.9





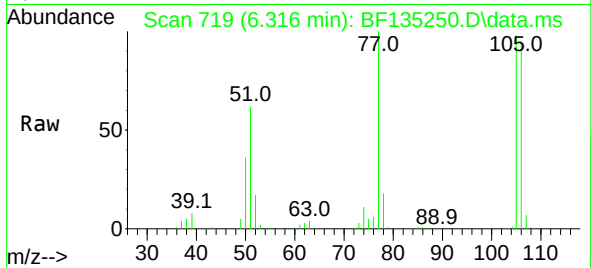
#9
Benzaldehyde
Concen: 23.551 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

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ClientSampleId :

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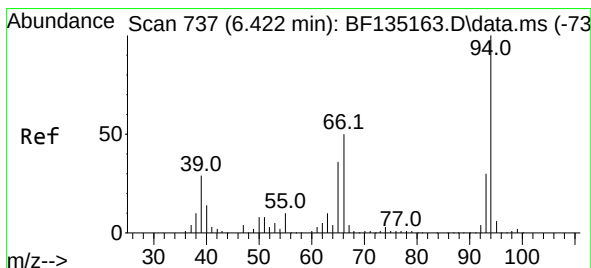
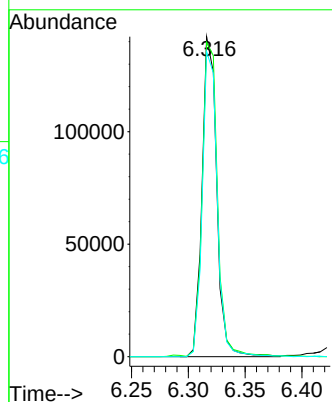


Tgt Ion: 77 Resp: 128318
Ion Ratio Lower Upper
77 100
105 98.3 81.4 121.4
106 95.4 76.9 116.9

Manual Integrations

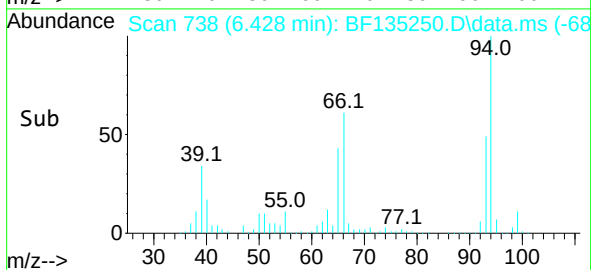
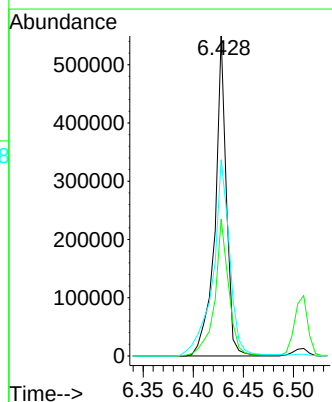
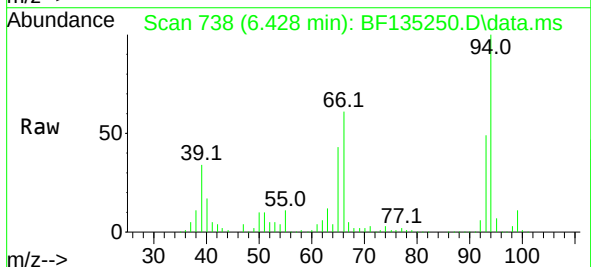
APPROVED

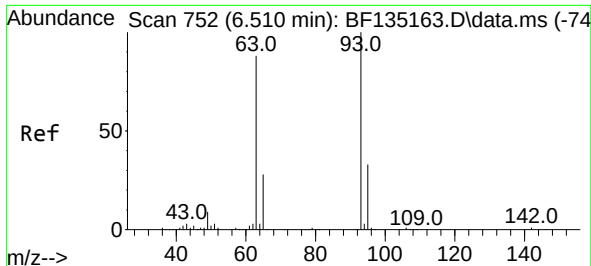
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Phenol
Concen: 41.483 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion: 94 Resp: 435050
Ion Ratio Lower Upper
94 100
65 42.7 15.9 55.9
66 61.3 29.8 69.8





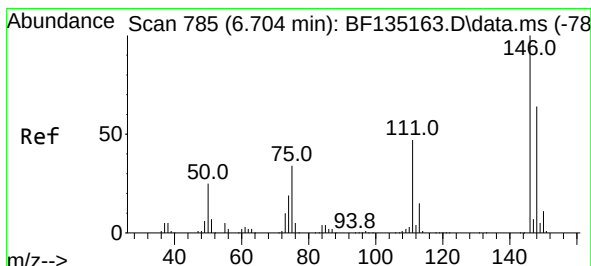
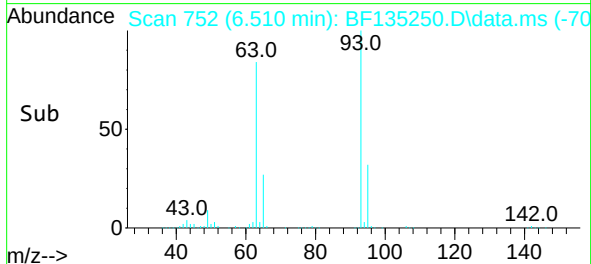
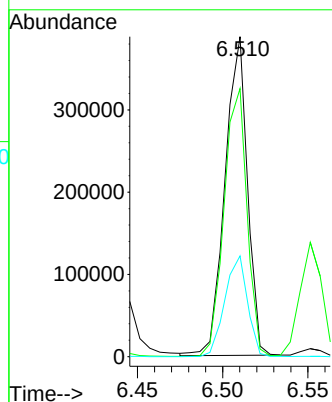
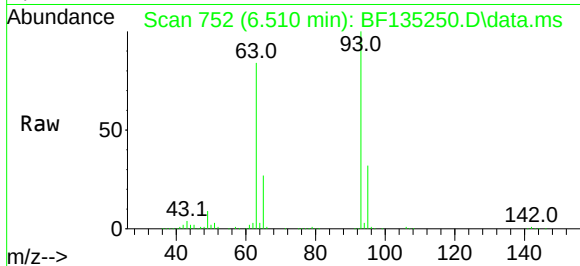
#11
bis(2-Chloroethyl)ether
Concen: 45.068 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :
BNA_F
ClientSampleId :
PB155315BS

Tgt Ion: 93 Resp: 35453
Ion Ratio Lower Upper
93 100
63 83.8 67.3 107.3
95 31.5 12.7 52.7

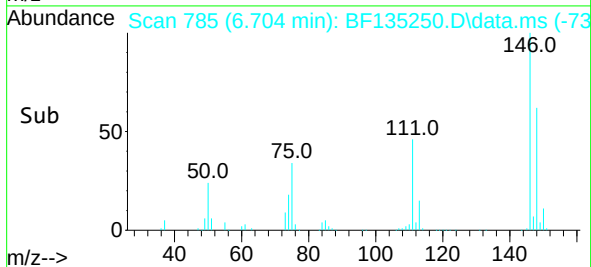
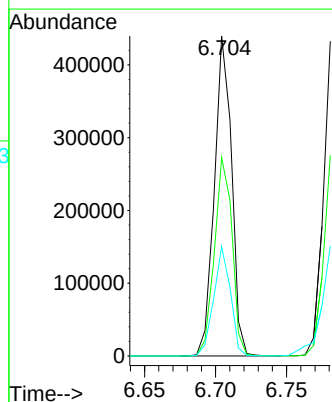
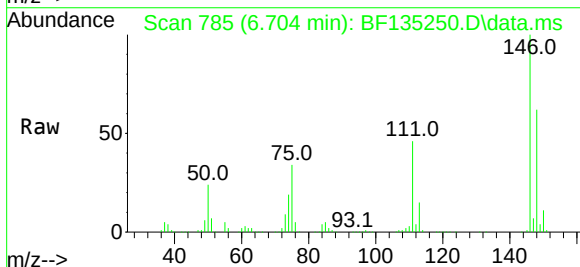
Manual Integrations
APPROVED

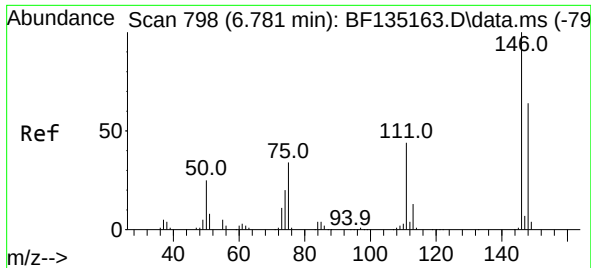
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#12
1,3-Dichlorobenzene
Concen: 45.624 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:146 Resp: 372291
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
75 34.1 27.4 41.2





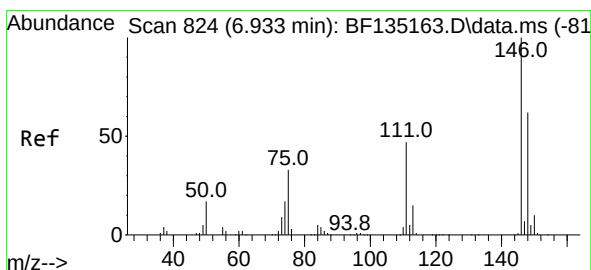
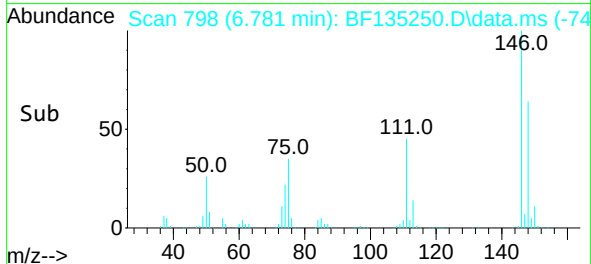
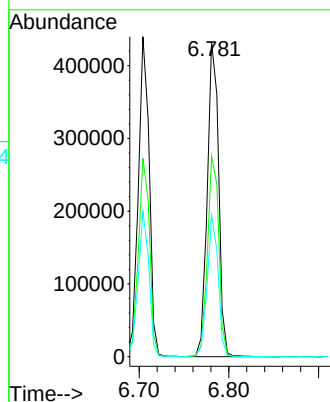
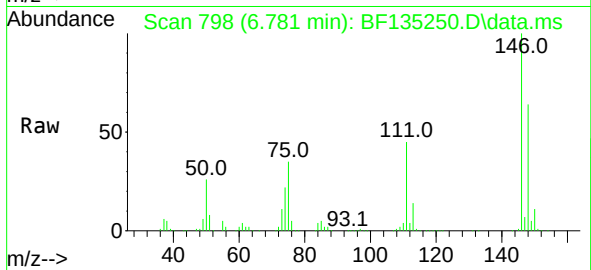
#13
1,4-Dichlorobenzene
Concen: 45.630 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :
BNA_F
ClientSampleId :
PB155315BS

Tgt Ion:146 Resp: 37881
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 45.0 35.1 52.7

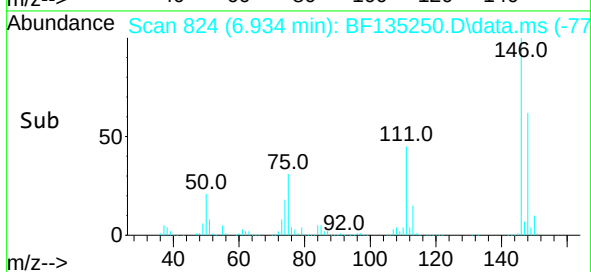
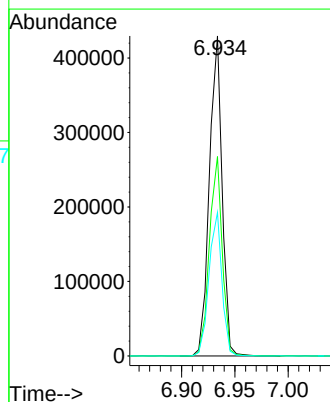
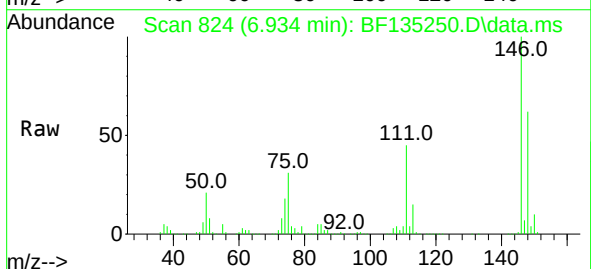
Manual Integrations
APPROVED

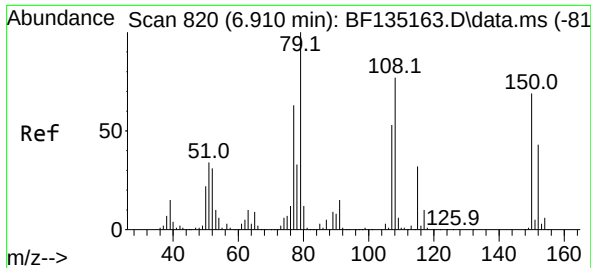
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#14
1,2-Dichlorobenzene
Concen: 46.439 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

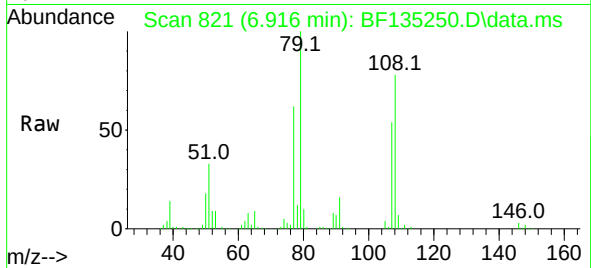
Tgt Ion:146 Resp: 358036
Ion Ratio Lower Upper
146 100
148 62.3 49.7 74.5
111 44.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 46.664 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

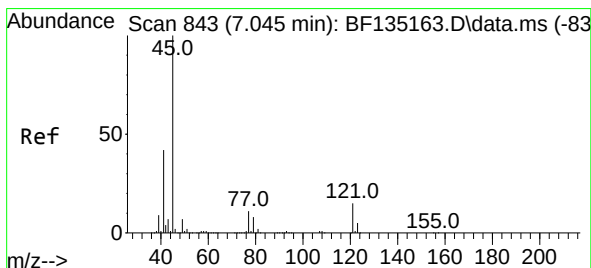
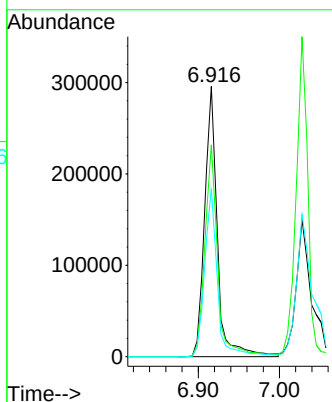
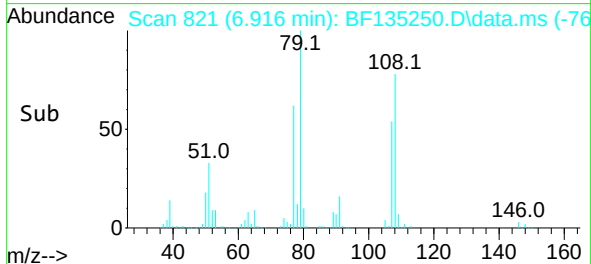
Instrument :
BNA_F
ClientSampleId :
PB155315BS



Tgt Ion: 79 Resp: 320254
Ion Ratio Lower Upper
79 100
108 78.4 61.2 91.8
77 62.2 50.5 75.7

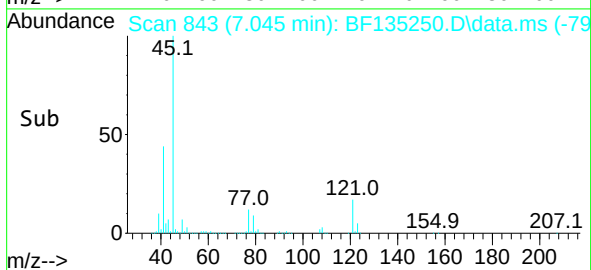
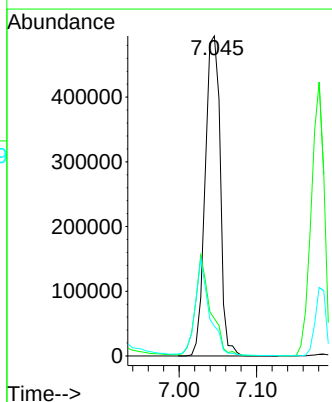
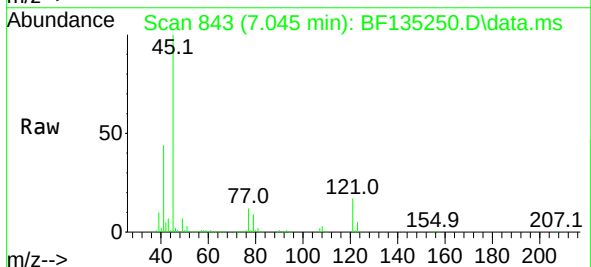
Manual Integrations
APPROVED

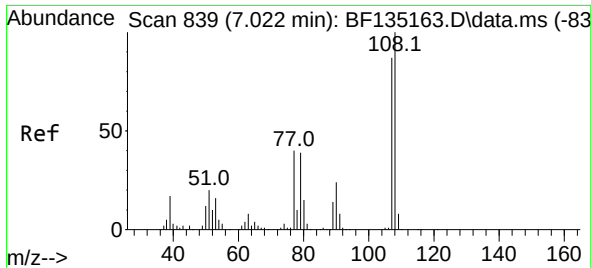
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.938 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

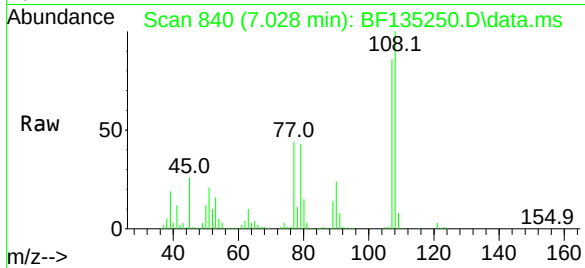
Tgt Ion: 45 Resp: 666331
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.6
79 9.3 0.0 28.3





#17
2-Methylphenol
Concen: 43.188 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

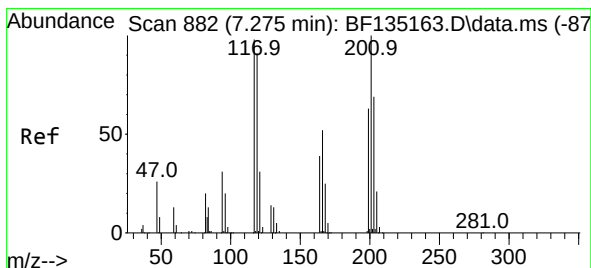
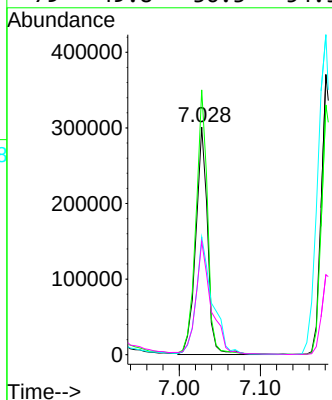
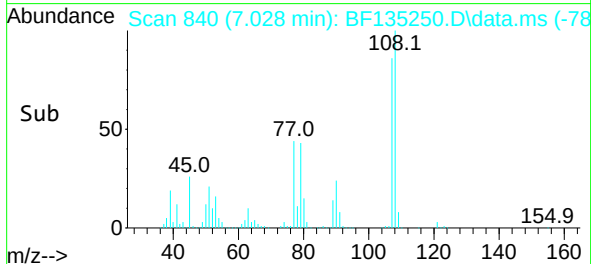
Instrument :
BNA_F
ClientSampleId :
PB155315BS



Tgt Ion:107 Resp: 306010
Ion Ratio Lower Upper
107 100
108 116.3 92.0 138.0
77 51.7 36.7 55.1
79 49.8 36.3 54.5

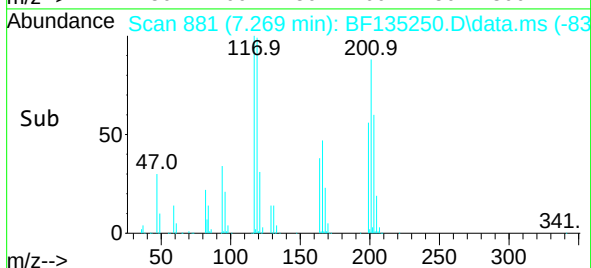
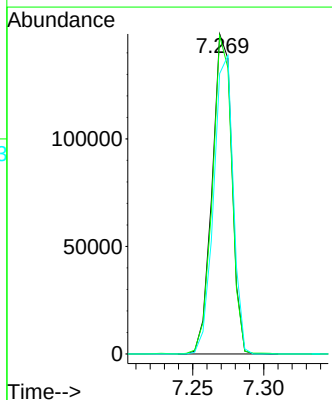
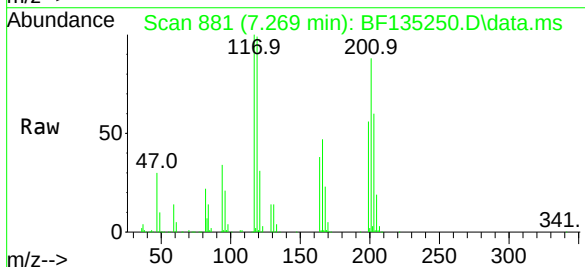
Manual Integrations
APPROVED

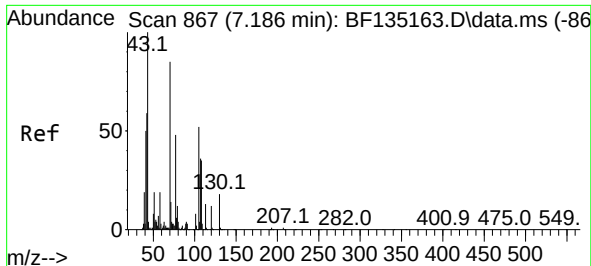
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#18
Hexachloroethane
Concen: 46.928 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:117 Resp: 143952
Ion Ratio Lower Upper
117 100
119 99.4 74.7 112.1
201 87.6 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.615 ng

RT: 7.187 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135250.D

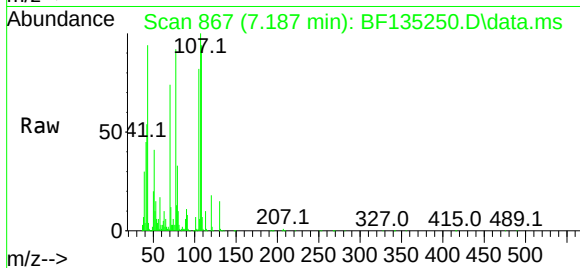
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



Tgt Ion: 70 Resp: 252450

Ion Ratio Lower Upper

70 100

42 72.7 55.4 83.0

101 9.1 7.7 11.5

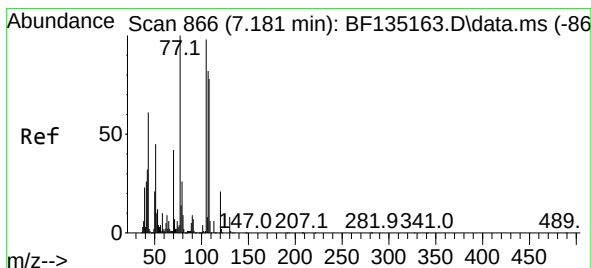
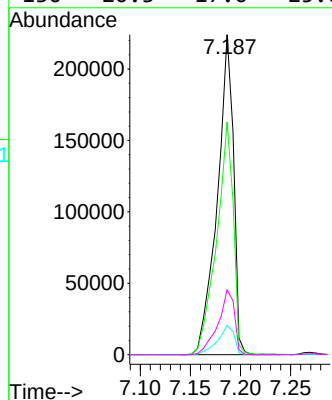
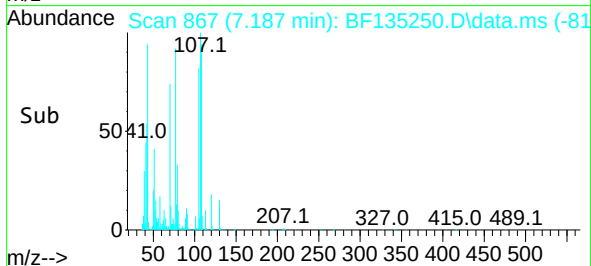
130 20.3 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#20

3+4-Methylphenols

Concen: 41.560 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Tgt Ion:107 Resp: 354091

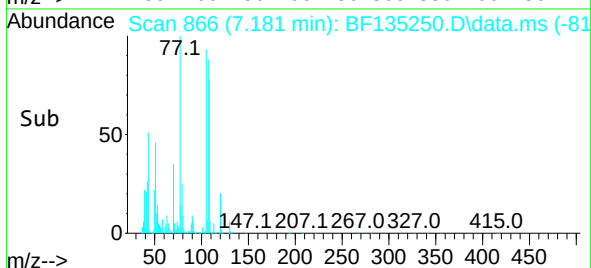
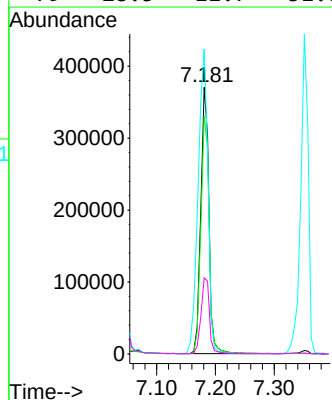
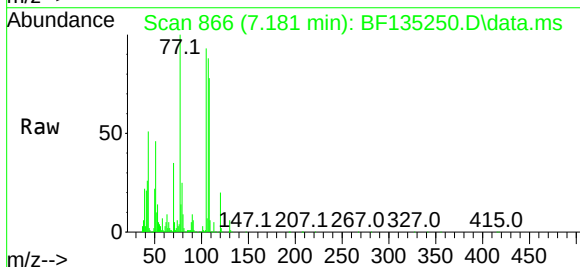
Ion Ratio Lower Upper

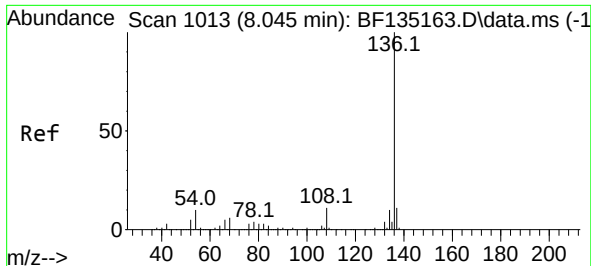
107 100

108 89.2 74.7 114.7

77 114.2 102.0 142.0

79 28.5 11.7 51.7





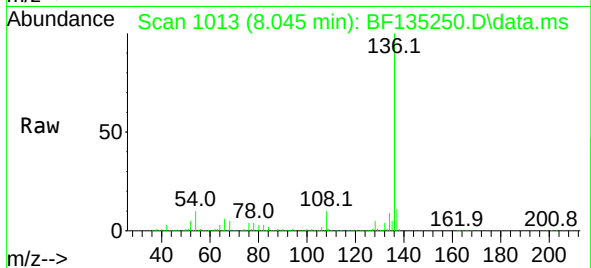
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



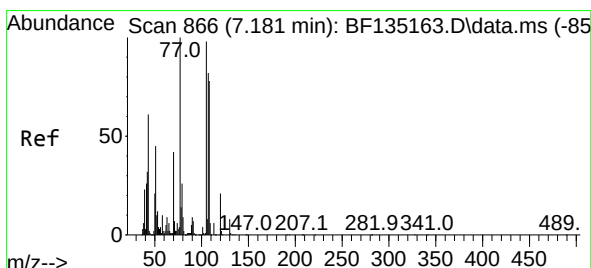
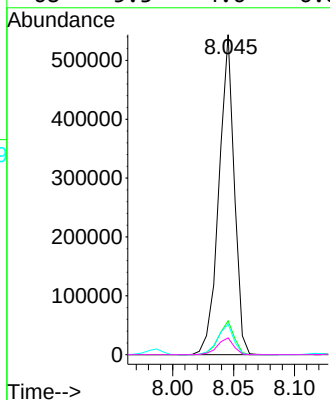
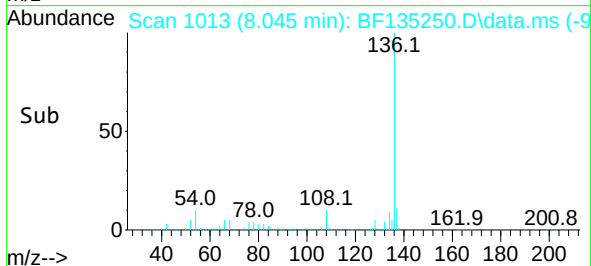
Tgt Ion:136 Resp: 47597
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.6 7.7 11.5
68 5.3 4.6 6.8

Manual Integrations

APPROVED

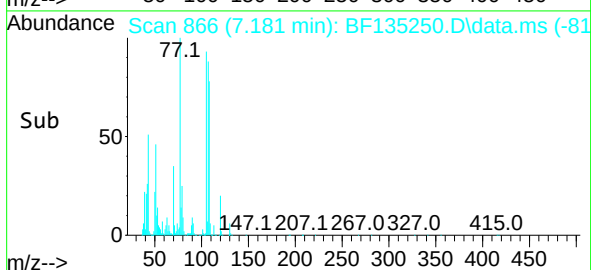
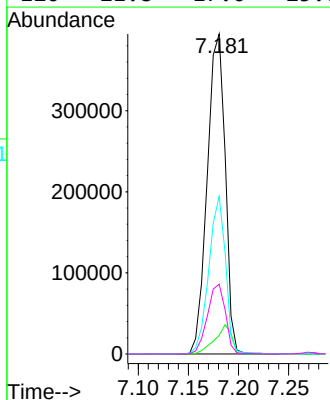
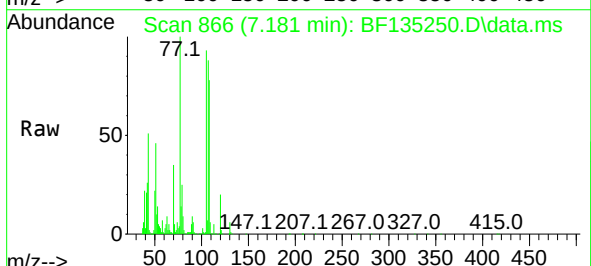
Reviewed By :Yogesh Patel 09/15/2023

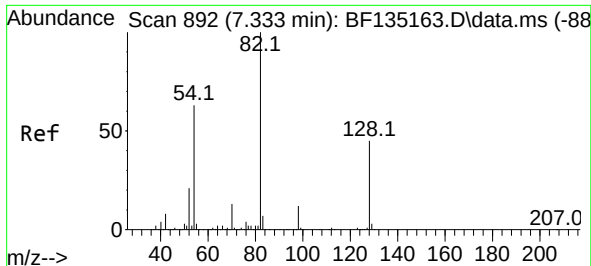
Supervised By :mohammad ahmed 09/15/2023



#22
Acetophenone
Concen: 45.429 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:105 Resp: 494360
Ion Ratio Lower Upper
105 100
71 5.8 5.8 8.6
51 49.3 37.0 55.4
120 21.8 17.0 25.6





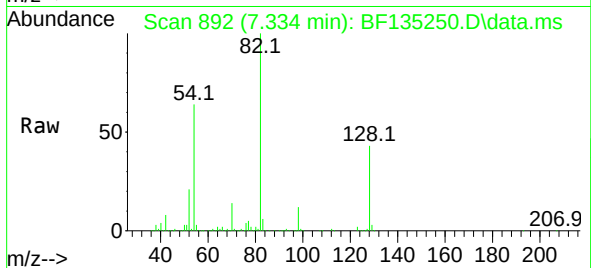
#23
Nitrobenzene-d5
Concen: 90.039 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

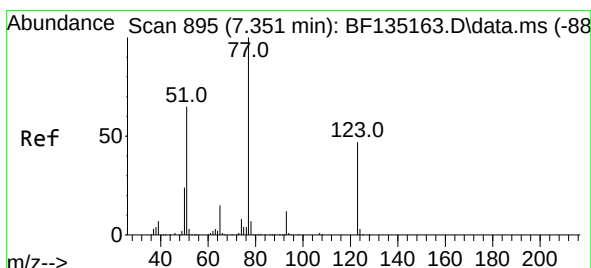
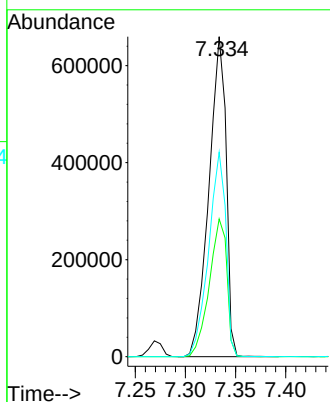
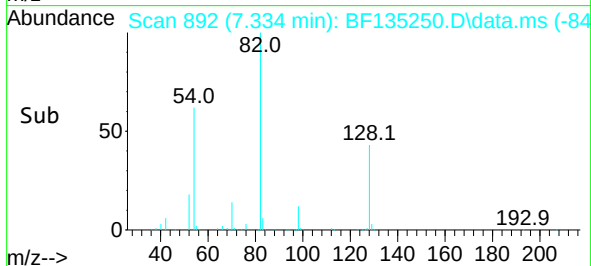
PB155315BS



Tgt Ion: 82 Resp: 78882
Ion Ratio Lower Upper
82 100
128 43.1 35.8 53.6
54 63.9 50.6 76.0

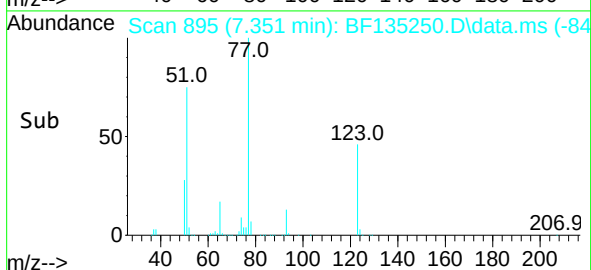
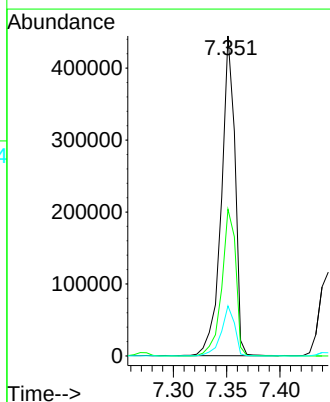
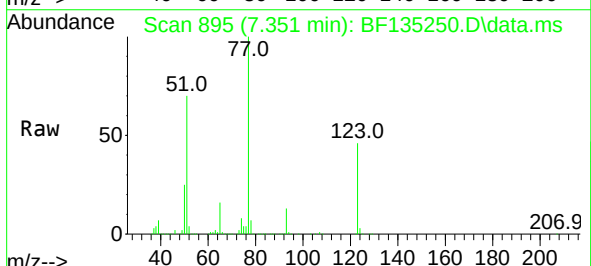
Manual Integrations
APPROVED

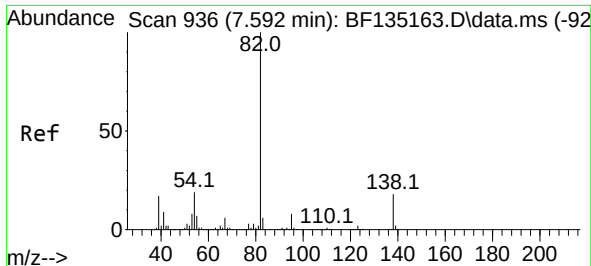
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#24
Nitrobenzene
Concen: 45.569 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion: 77 Resp: 394599
Ion Ratio Lower Upper
77 100
123 45.9 37.6 56.4
65 15.6 12.2 18.4





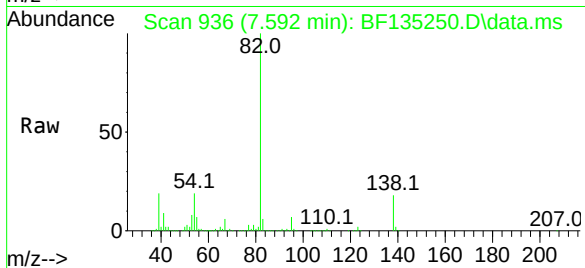
#25
Isophorone
Concen: 45.369 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

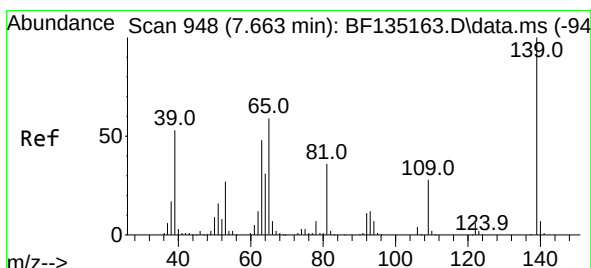
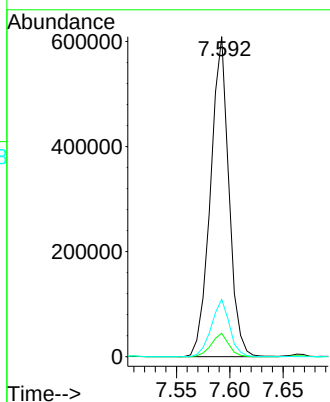
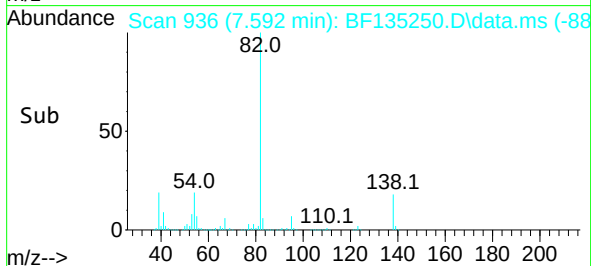
PB155315BS



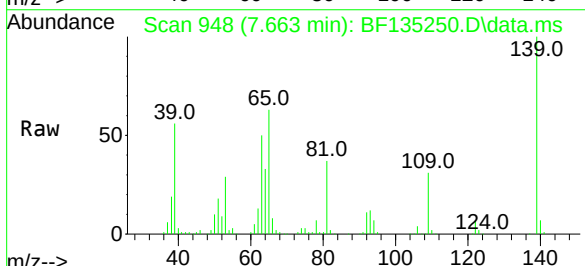
Tgt Ion: 82 Resp: 72987
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.9 14.5 21.7

Manual Integrations
APPROVED

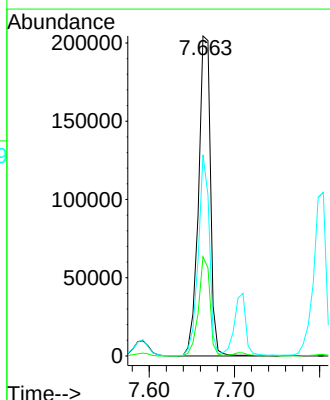
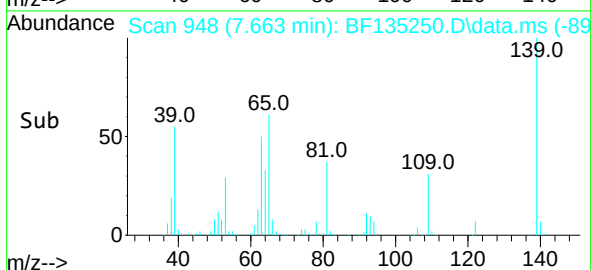
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

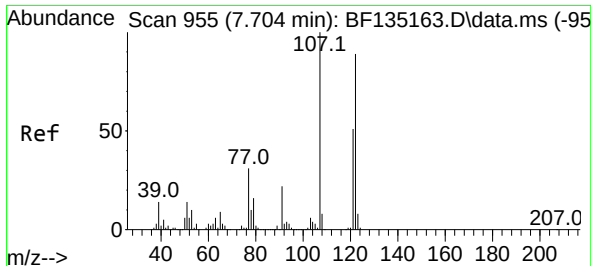


#26
2-Nitrophenol
Concen: 48.333 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:139 Resp: 200872
Ion Ratio Lower Upper
139 100
109 31.0 22.6 33.8
65 62.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.098 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135250.D

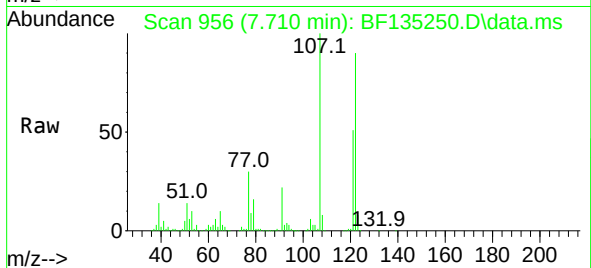
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



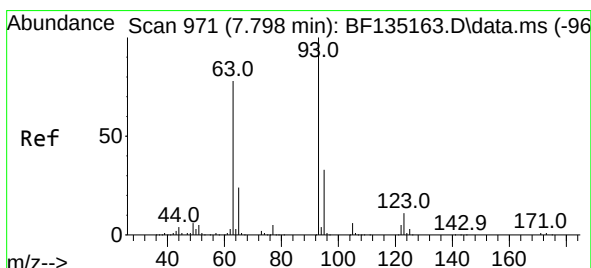
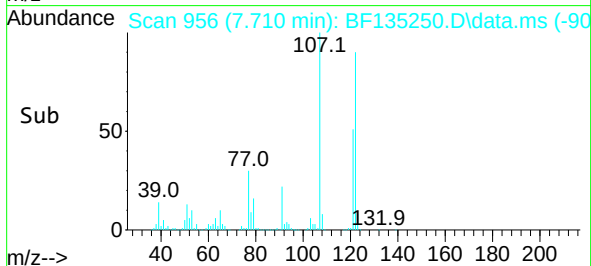
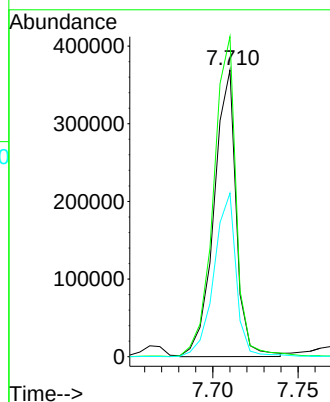
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.7	90.2	135.4
121	57.0	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.972 ng

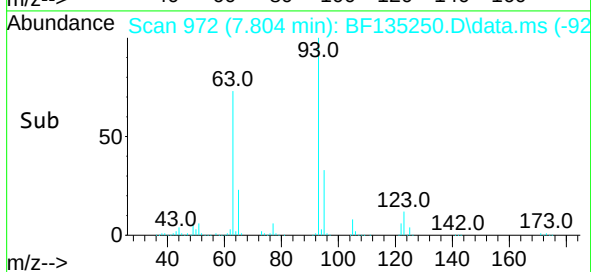
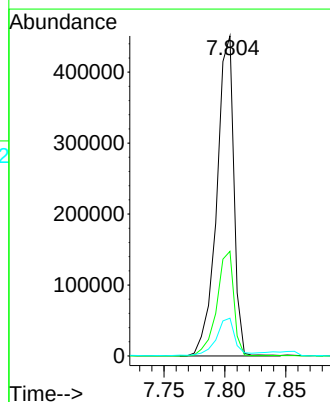
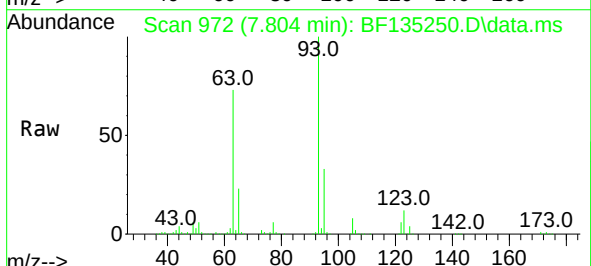
RT: 7.804 min Scan# 972

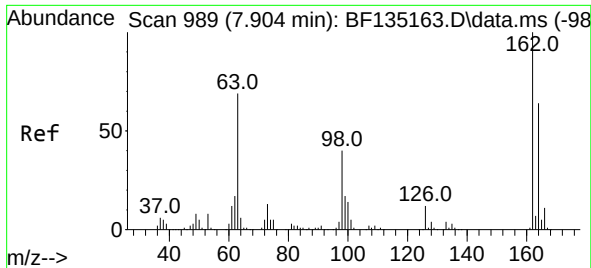
Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.8	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 46.994 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135250.D

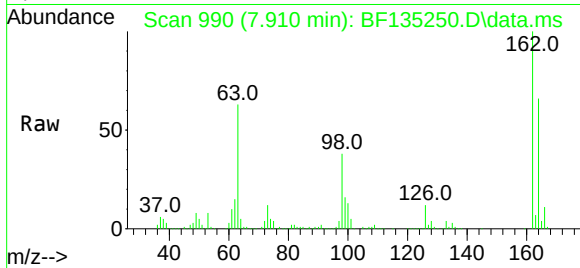
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



Tgt Ion:162 Resp: 30419

Ion Ratio Lower Upper

162 100

164 65.5 44.1 84.1

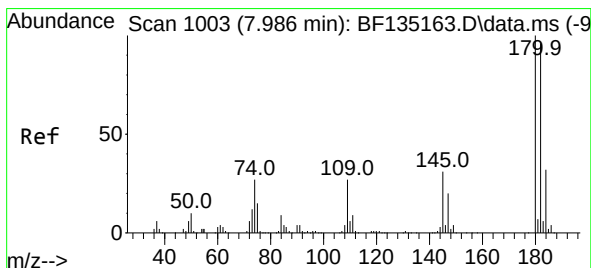
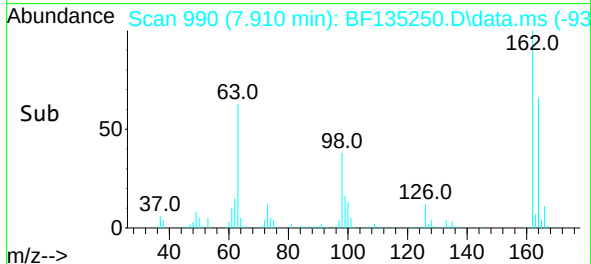
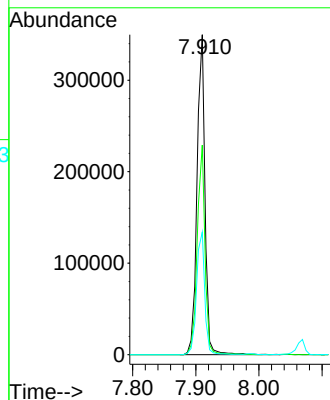
98 38.3 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.994 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

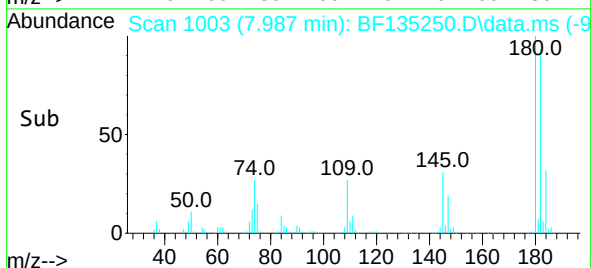
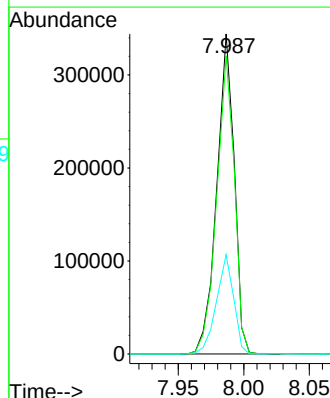
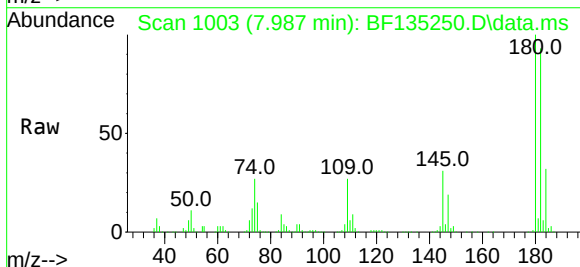
Tgt Ion:180 Resp: 317956

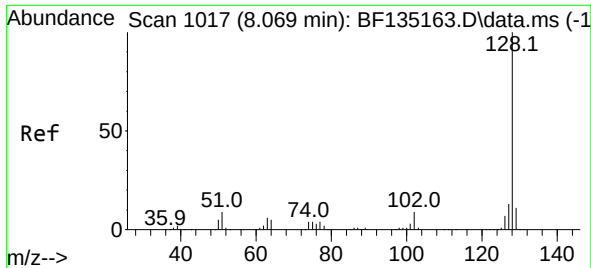
Ion Ratio Lower Upper

180 100

182 93.2 76.9 115.3

145 31.0 24.5 36.7





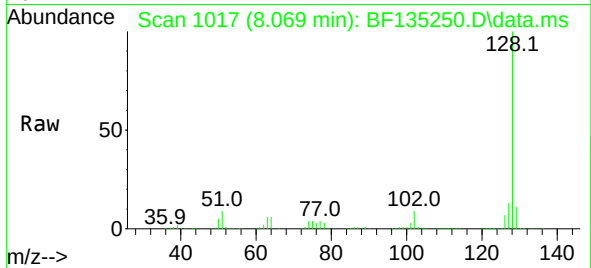
#31
Naphthalene
Concen: 45.190 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

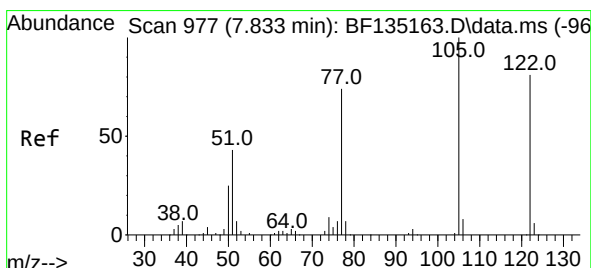
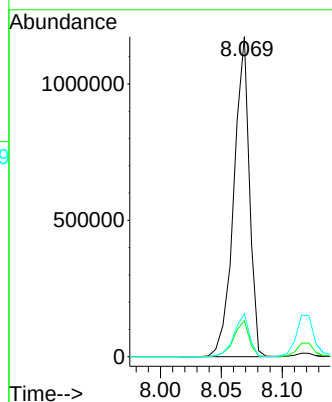
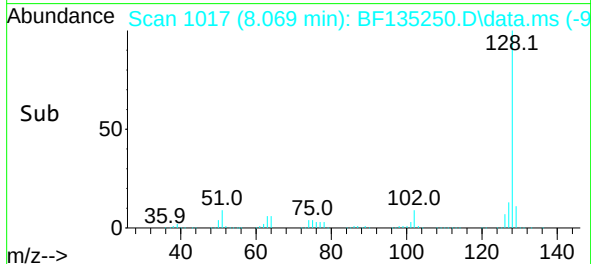


Tgt Ion:128 Resp: 104508
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.7 16.1

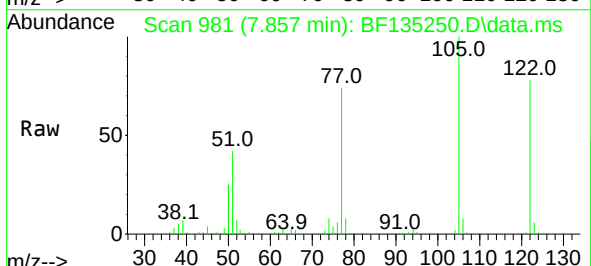
Manual Integrations

APPROVED

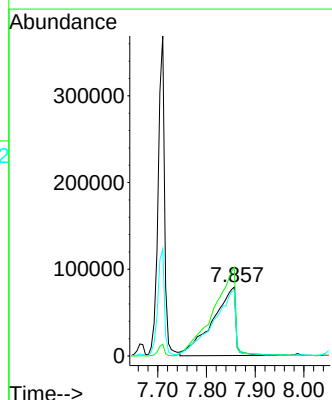
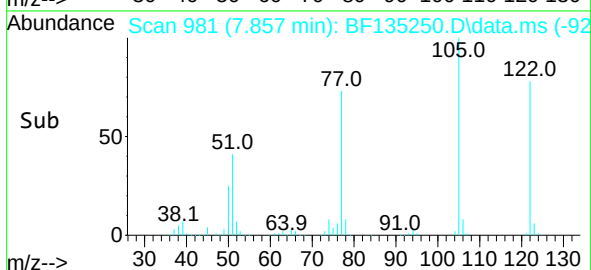
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

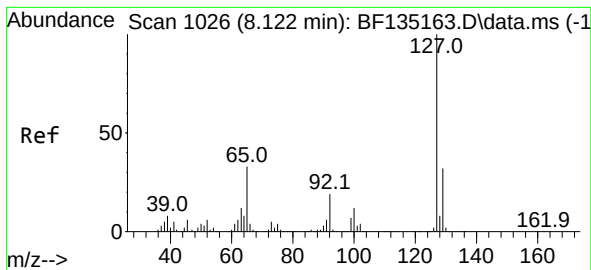


#32
Benzoic acid
Concen: 49.967 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.024 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:122 Resp: 262844
Ion Ratio Lower Upper
122 100
105 128.9 99.9 139.9
77 95.1 70.0 110.0





#33
4-Chloroaniline
Concen: 16.250 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

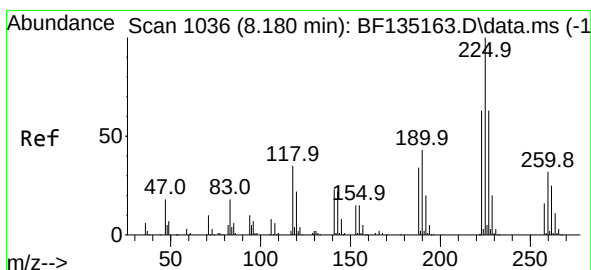
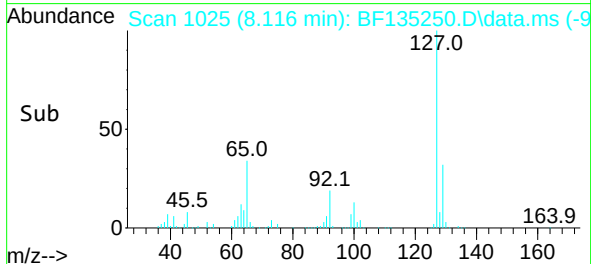
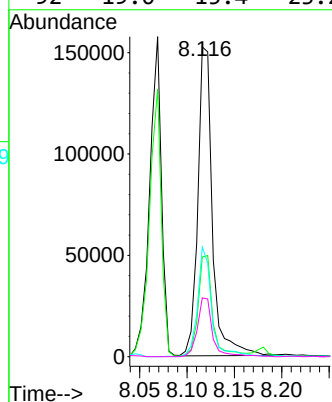
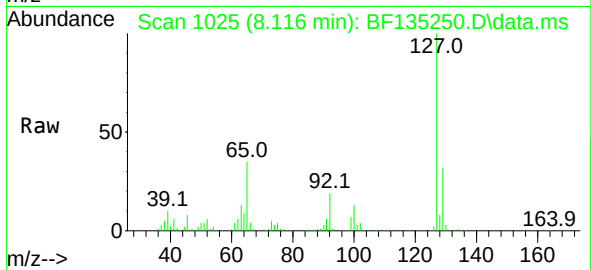
PB155315BS

Tgt Ion:127 Resp: 16488
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 35.4 26.6 39.8
92 19.0 15.4 23.2

Manual Integrations

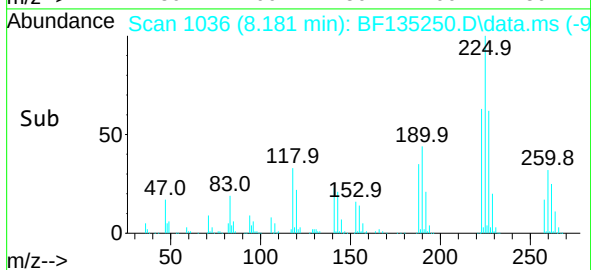
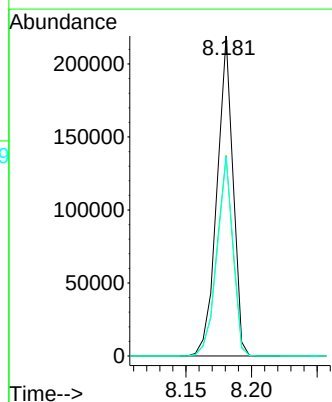
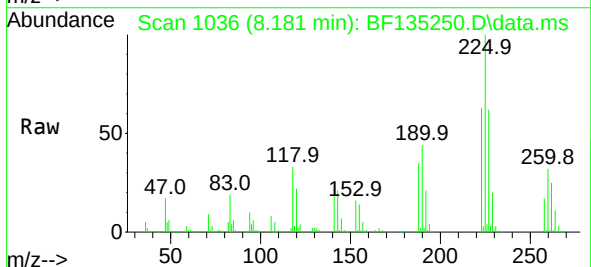
APPROVED

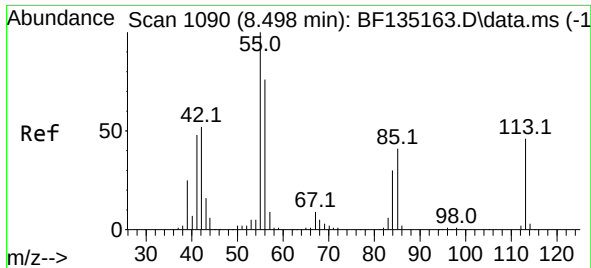
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#34
Hexachlorobutadiene
Concen: 45.602 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

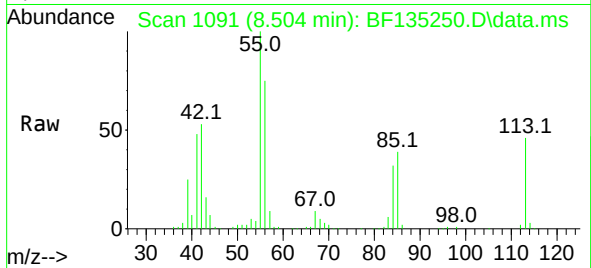
Tgt Ion:225 Resp: 186042
Ion Ratio Lower Upper
225 100
223 62.6 50.6 75.8
227 62.3 50.8 76.2





#35
Caprolactam
Concen: 50.860 ng m
RT: 8.504 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

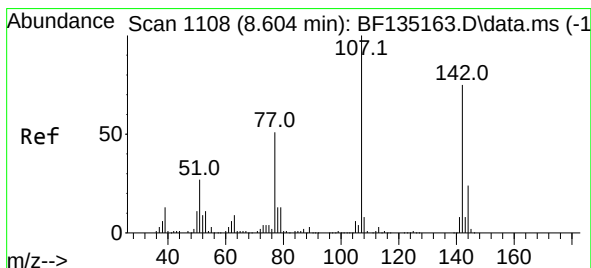
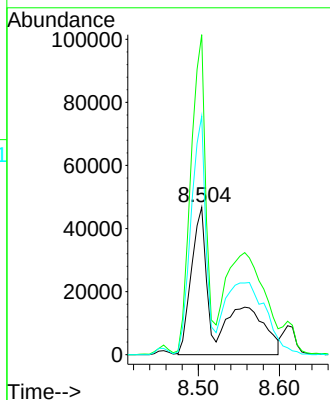
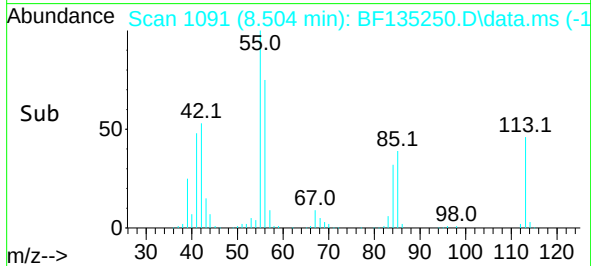
Instrument :
BNA_F
ClientSampleId :
PB155315BS



Tgt Ion:113 Resp: 110492
Ion Ratio Lower Upper
113 100
55 217.1 199.3 239.3
56 161.8 146.3 186.3

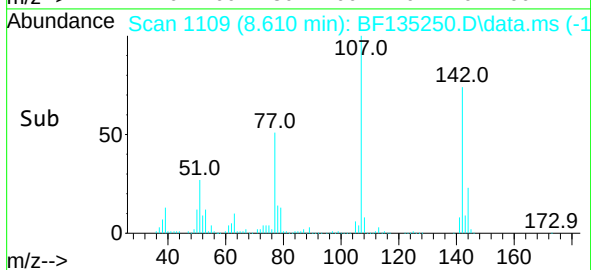
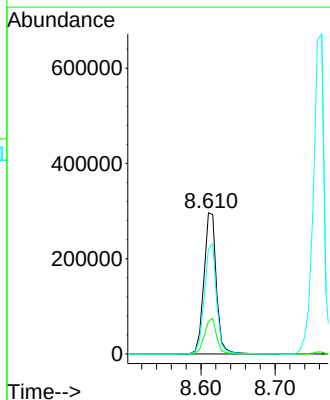
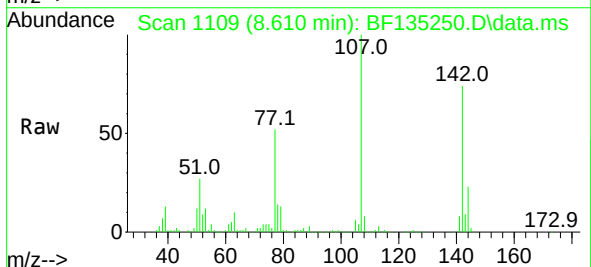
Manual Integrations
APPROVED

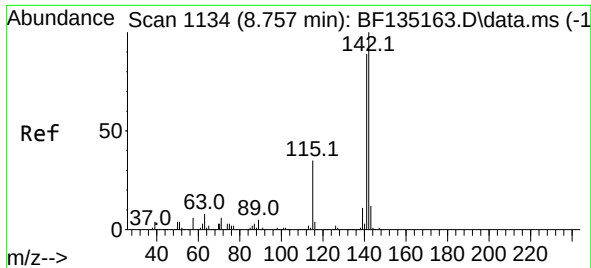
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#36
4-Chloro-3-methylphenol
Concen: 47.972 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:107 Resp: 345124
Ion Ratio Lower Upper
107 100
144 23.1 19.0 28.4
142 74.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.401 ng

RT: 8.763 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

Tgt Ion:142 Resp: 67468

Ion Ratio Lower Upper

142 100

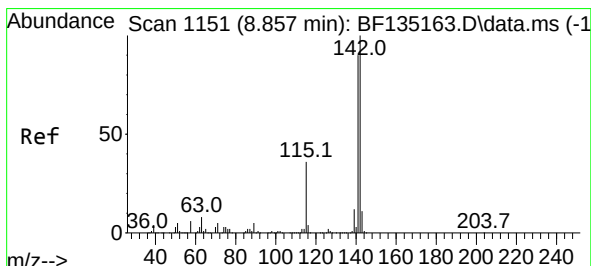
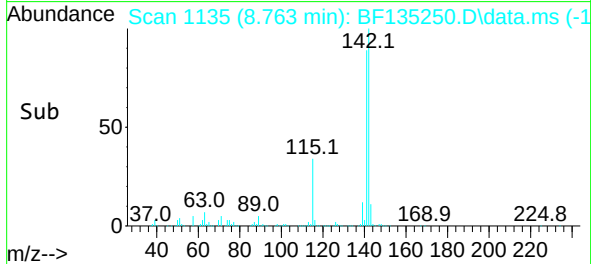
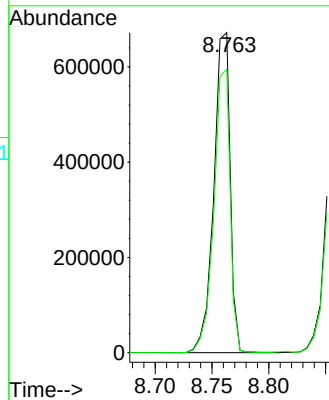
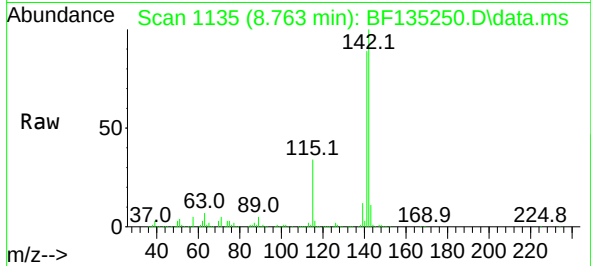
141 88.5 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#38

1-Methylnaphthalene

Concen: 42.967 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135250.D

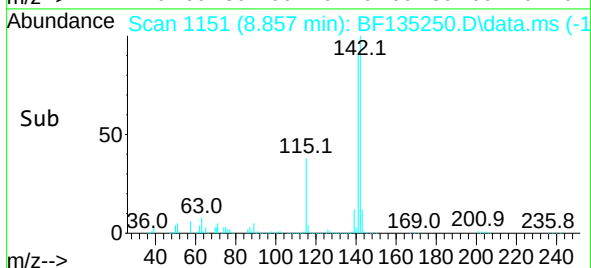
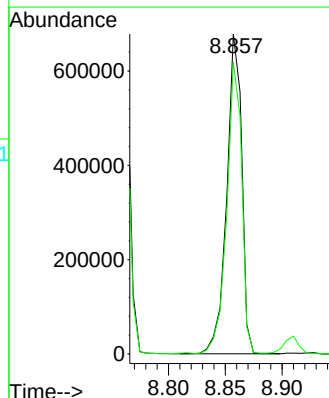
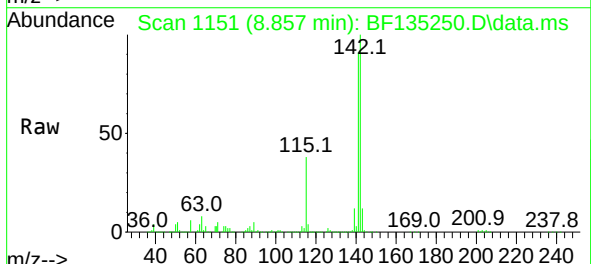
Acq: 14 Sep 2023 13:02

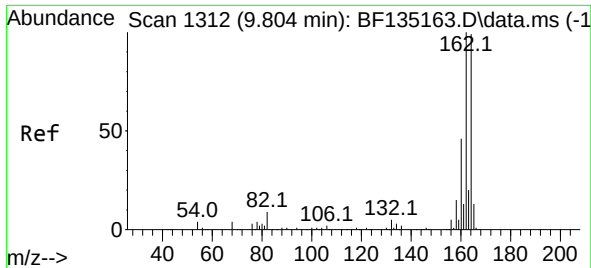
Tgt Ion:142 Resp: 625357

Ion Ratio Lower Upper

142 100

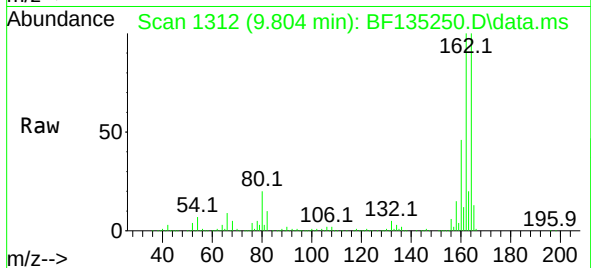
141 91.2 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

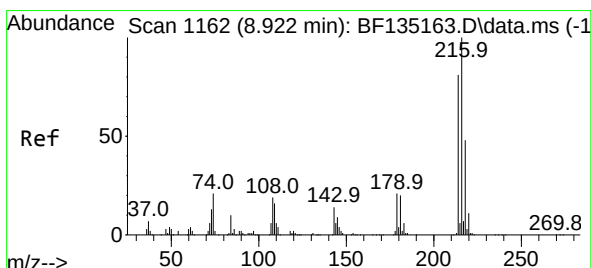
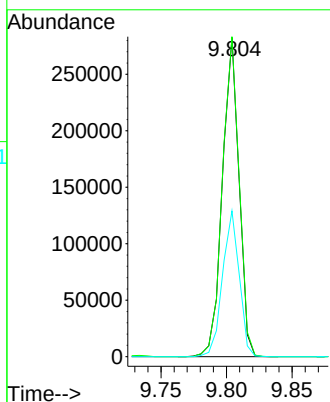
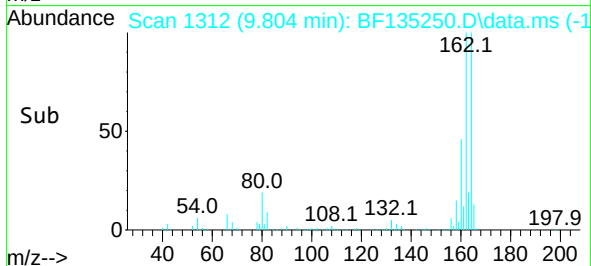
Instrument :
BNA_F
ClientSampleId :
PB155315BS



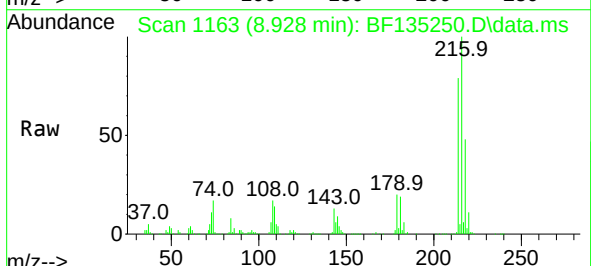
Tgt Ion:164 Resp: 248089
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 45.7 37.0 55.4

Manual Integrations
APPROVED

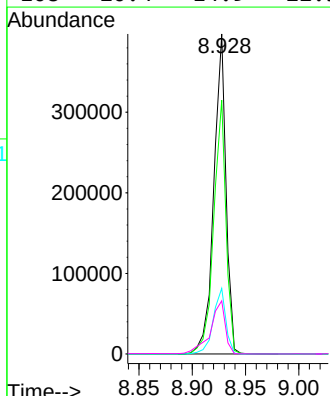
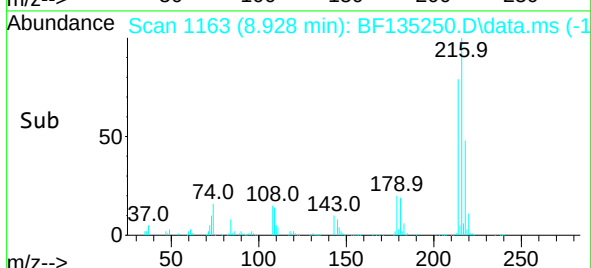
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

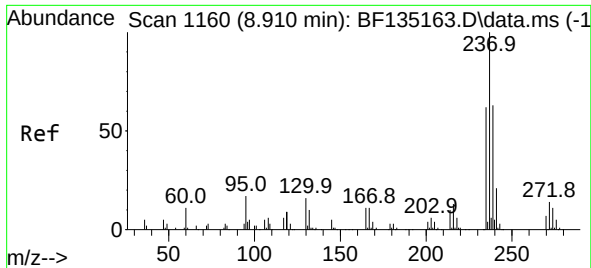


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.084 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:216 Resp: 316844
Ion Ratio Lower Upper
216 100
214 79.9 63.7 95.5
179 21.0 16.7 25.1
108 20.4 14.9 22.3





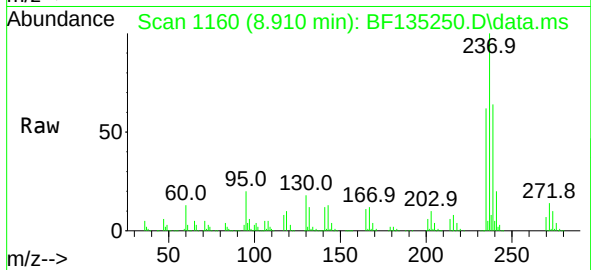
#41
Hexachlorocyclopentadiene
Concen: 85.363 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

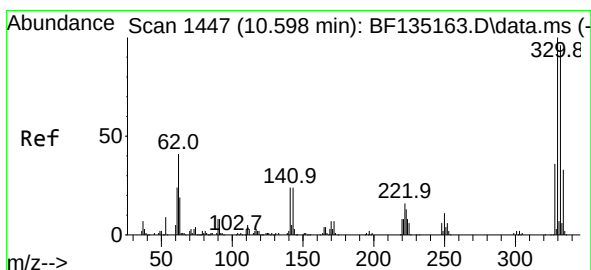
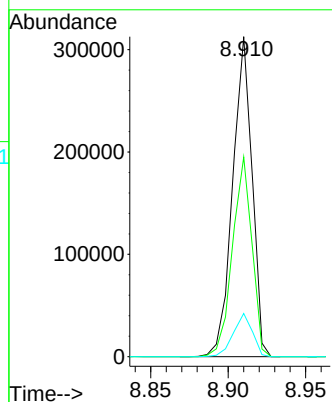
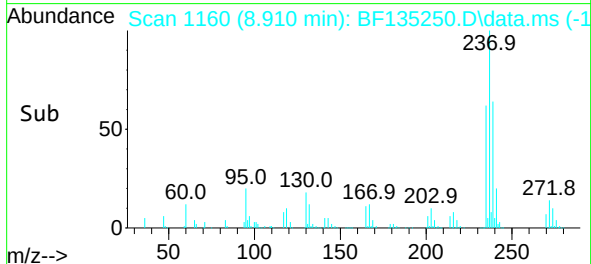
PB155315BS



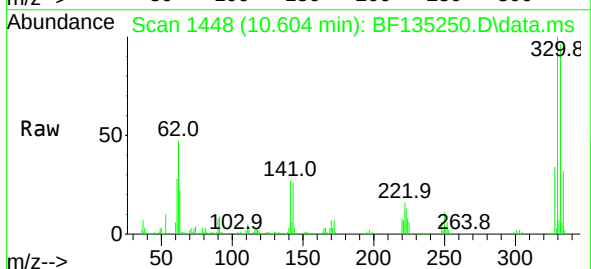
Tgt Ion: 237 Resp: 272068
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 13.5 0.0 33.6

Manual Integrations
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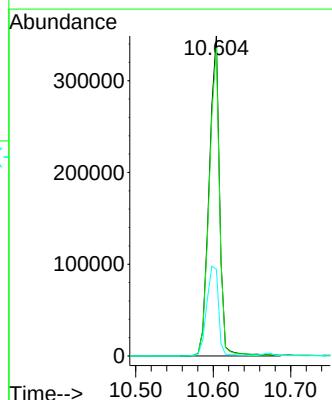
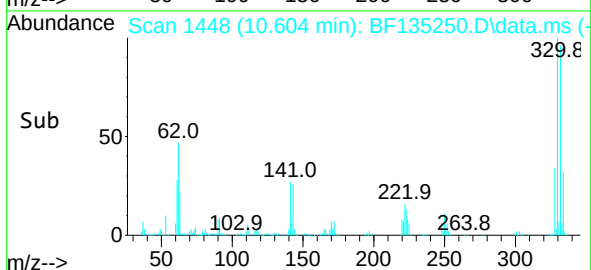
Reviewed By : Yogesh Patel 09/15/2023
Supervised By : mohammad ahmed 09/15/2023

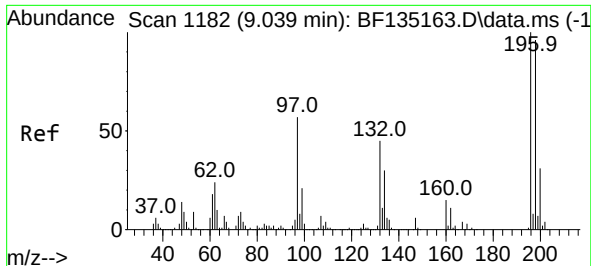


#42
2,4,6-Tribromophenol
Concen: 132.120 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



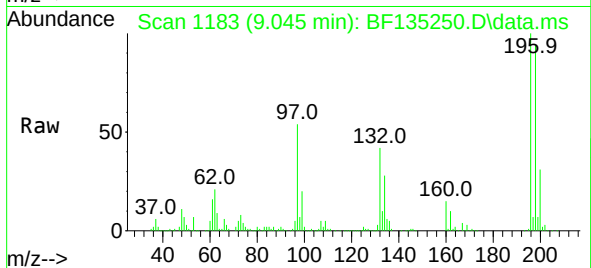
Tgt Ion: 330 Resp: 325729
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 31.9 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 46.945 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

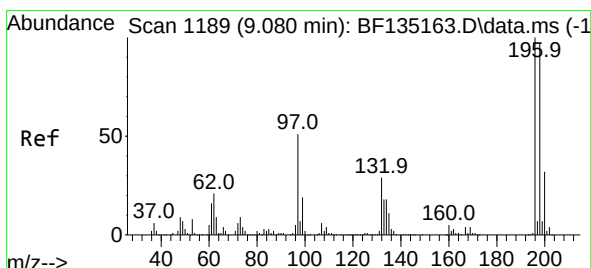
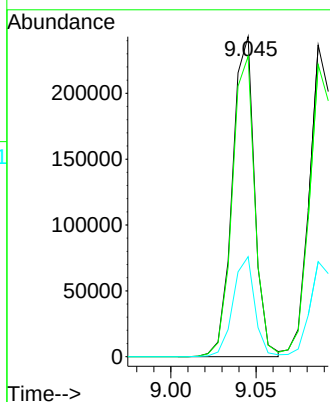
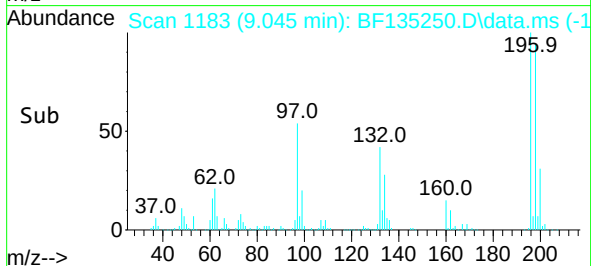
Instrument :
BNA_F
ClientSampleId :
PB155315BS



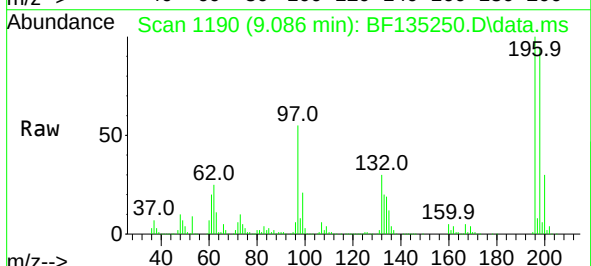
Tgt Ion:196 Resp: 220910
Ion Ratio Lower Upper
196 100
198 93.9 77.0 115.6
200 31.2 24.5 36.7

Manual Integrations
APPROVED

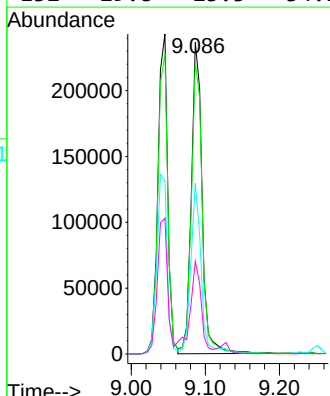
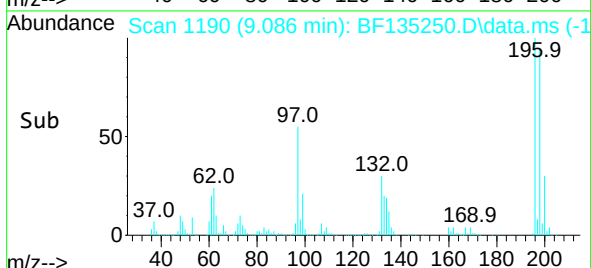
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

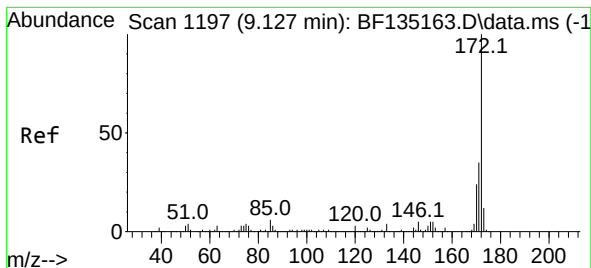


#44
2,4,5-Trichlorophenol
Concen: 44.092 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:196 Resp: 238951
Ion Ratio Lower Upper
196 100
198 93.7 77.5 116.3
97 54.8 40.5 60.7
132 29.8 23.3 34.9





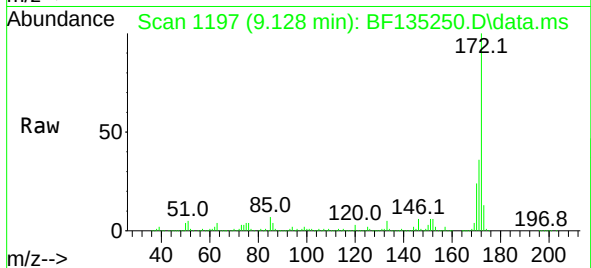
#45
2-Fluorobiphenyl
Concen: 83.154 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



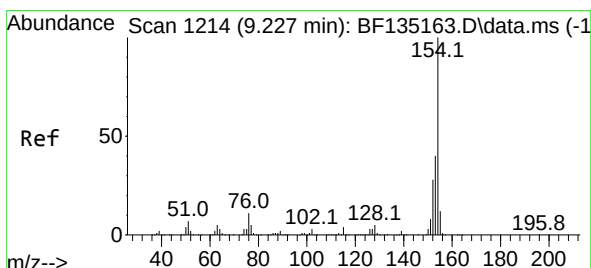
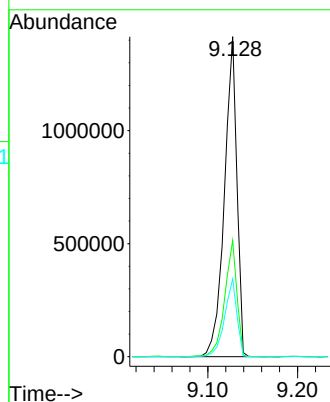
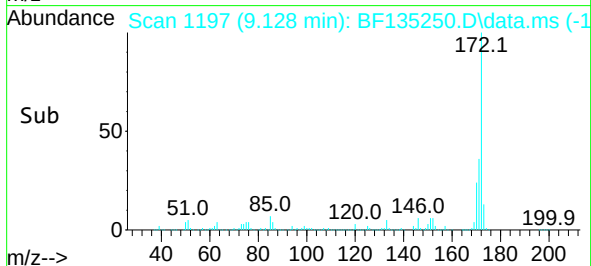
Tgt Ion:172 Resp: 136735
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.3 19.0 28.4

Manual Integrations

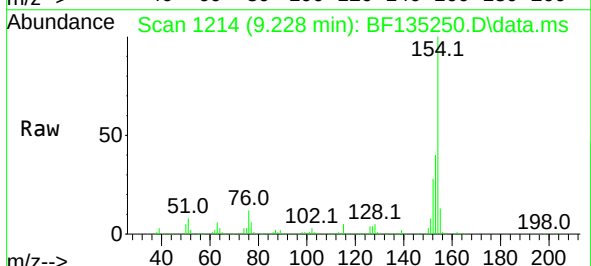
APPROVED

Reviewed By :Yogesh Patel 09/15/2023

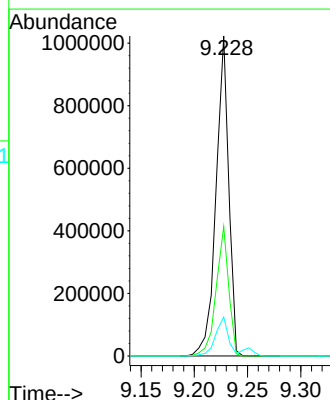
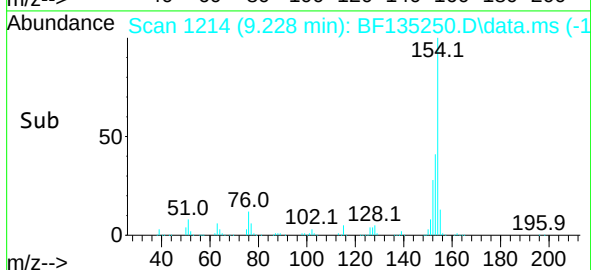
Supervised By :mohammad ahmed 09/15/2023

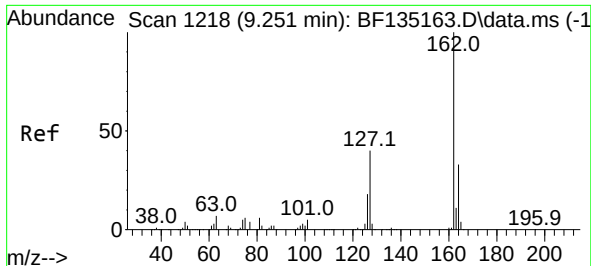


#46
1,1'-Biphenyl
Concen: 44.523 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:154 Resp: 848834
Ion Ratio Lower Upper
154 100
153 40.5 19.6 59.6
76 12.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.789 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

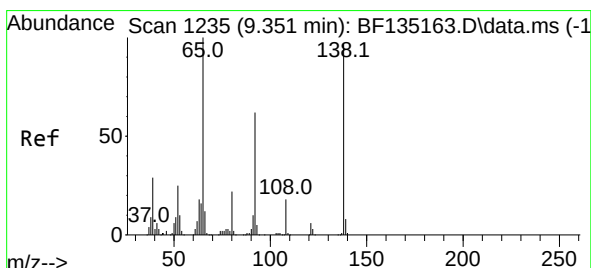
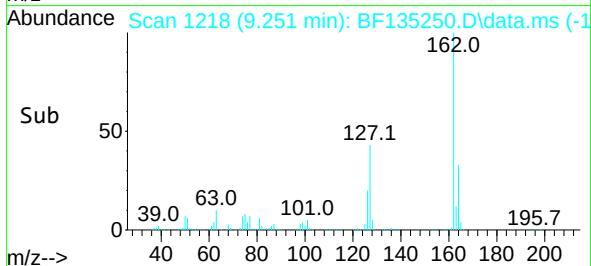
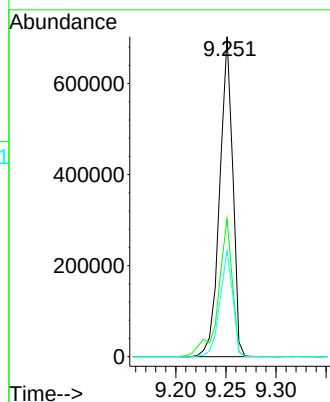
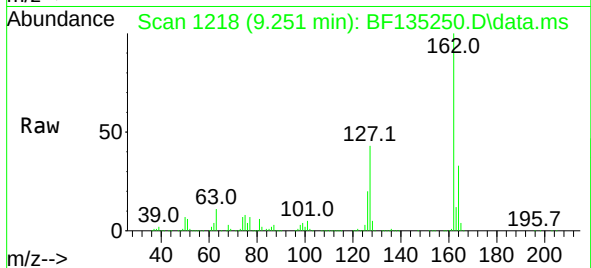
PB155315BS

Tgt Ion:	162	Resp:	63339
Ion Ratio	Lower	Upper	
162	100		
127	43.1	32.6	48.8
164	33.1	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#48

2-Nitroaniline

Concen: 45.996 ng

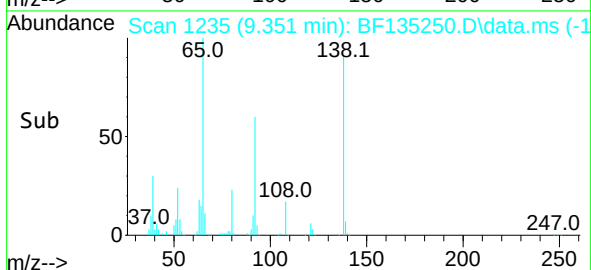
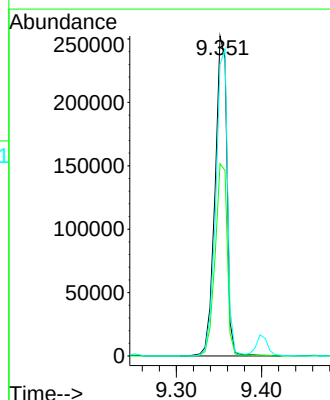
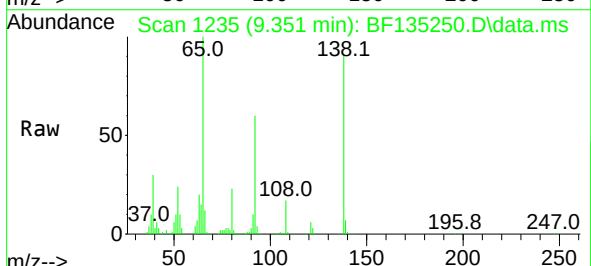
RT: 9.351 min Scan# 1235

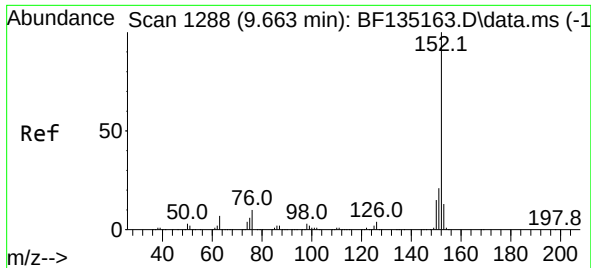
Delta R.T. 0.000 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

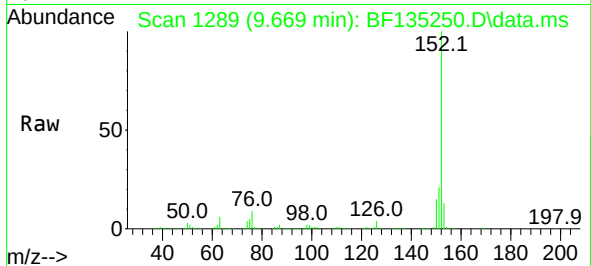
Tgt Ion:	65	Resp:	247183
Ion Ratio	Lower	Upper	
65	100		
92	60.1	49.4	74.0
138	91.1	77.4	116.0





#49
Acenaphthylene
Concen: 43.897 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

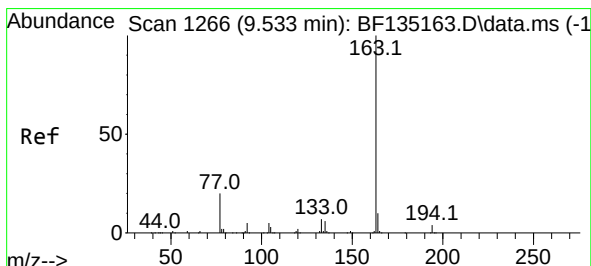
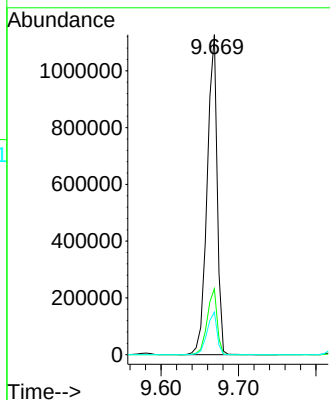
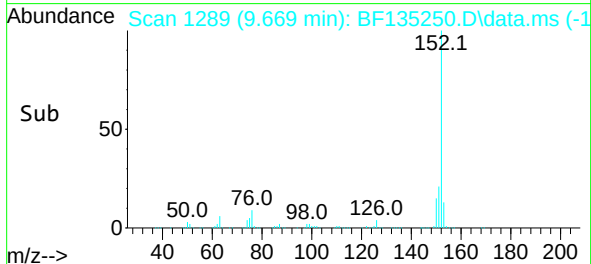
Instrument :
BNA_F
ClientSampleId :
PB155315BS



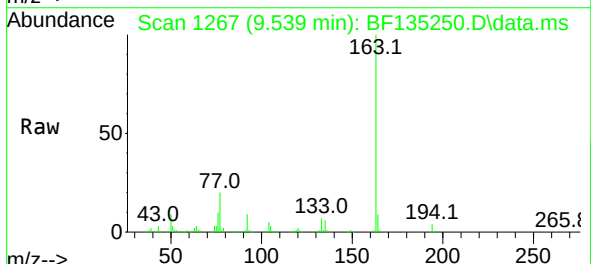
Tgt Ion:152 Resp: 100916
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.4 10.4 15.6

Manual Integrations
APPROVED

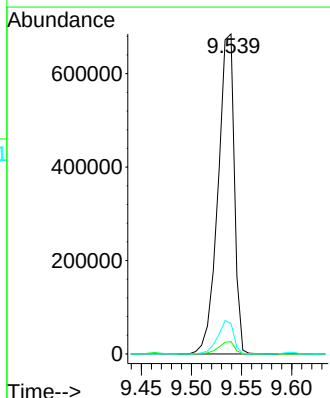
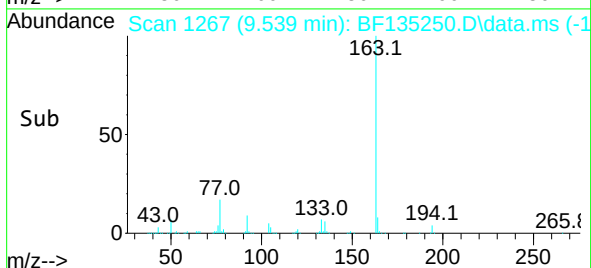
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

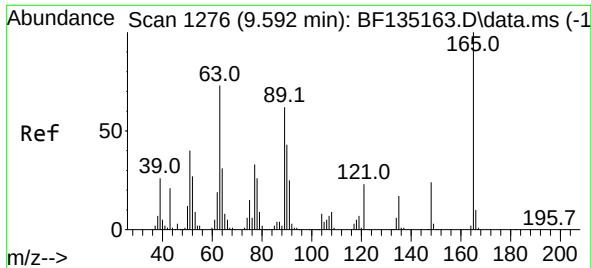


#50
Dimethylphthalate
Concen: 46.119 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:163 Resp: 773570
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.5 8.1 12.1





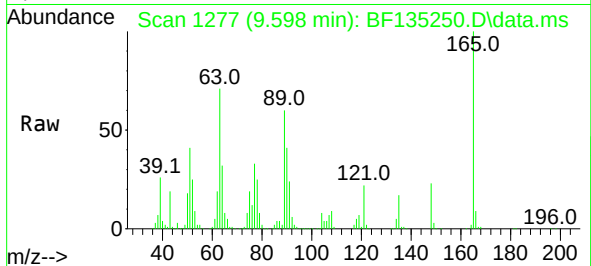
#51
2,6-Dinitrotoluene
Concen: 46.815 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

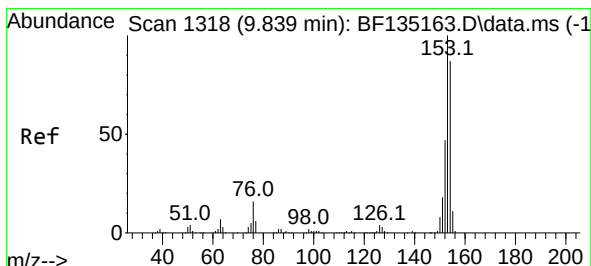
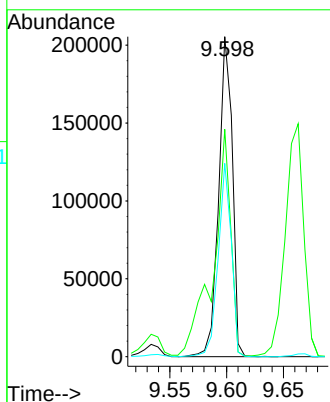
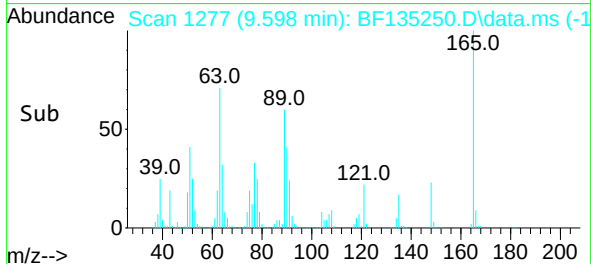


Tgt Ion:165 Resp: 17202
Ion Ratio Lower Upper
165 100
63 71.0 59.4 89.2
89 60.4 49.8 74.8

Manual Integrations

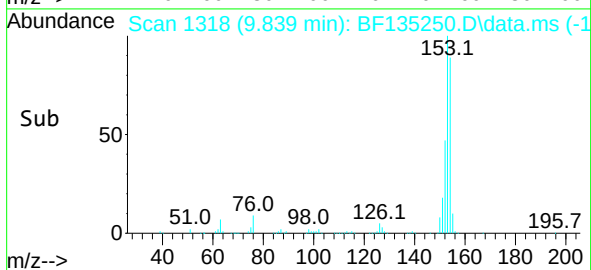
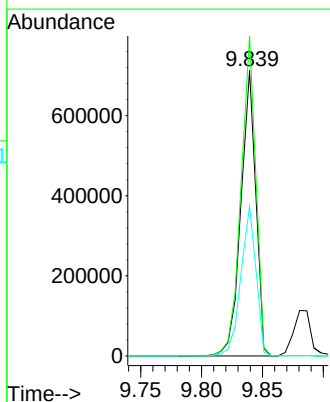
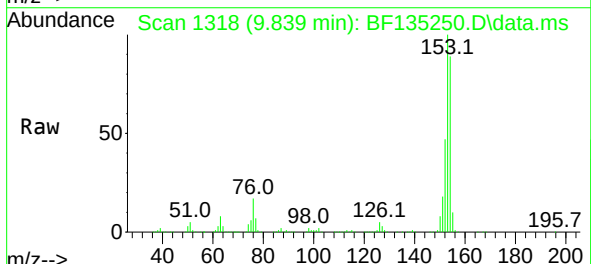
APPROVED

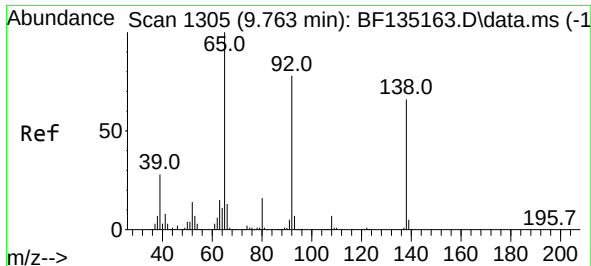
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#52
Acenaphthene
Concen: 44.977 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:154 Resp: 610830
Ion Ratio Lower Upper
154 100
153 112.1 92.1 138.1
152 52.5 43.1 64.7





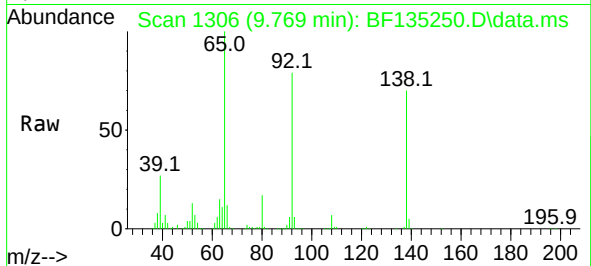
#53
3-Nitroaniline
Concen: 31.383 ng
RT: 9.769 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



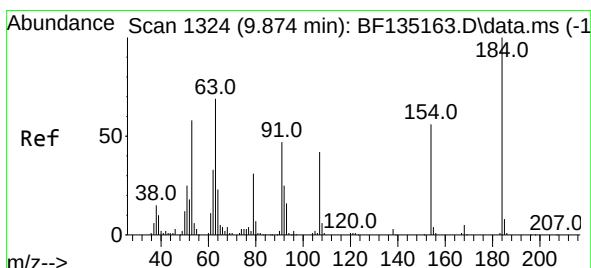
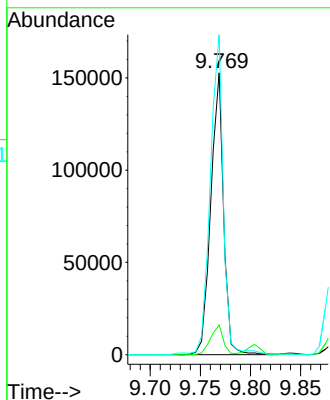
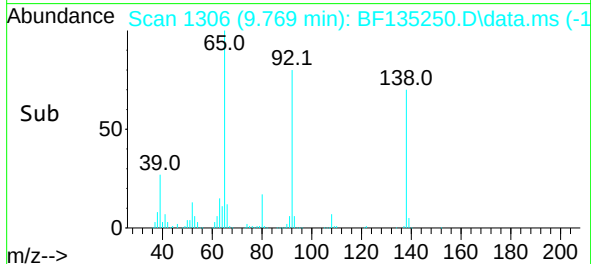
Tgt Ion:138 Resp: 13536
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 113.5 95.4 143.0

Manual Integrations

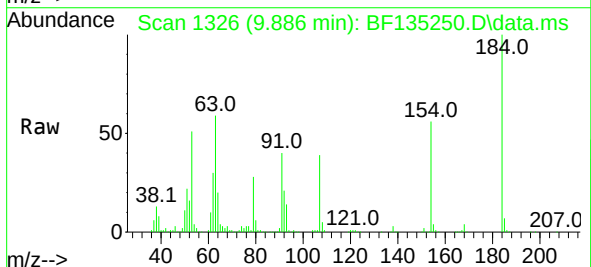
APPROVED

Reviewed By :Yogesh Patel 09/15/2023

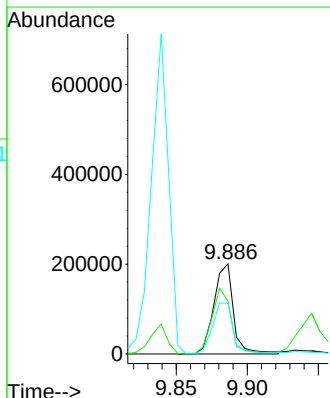
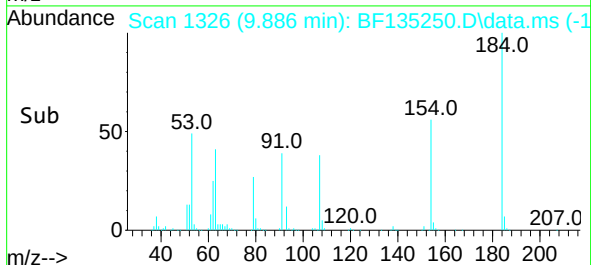
Supervised By :mohammad ahmed 09/15/2023

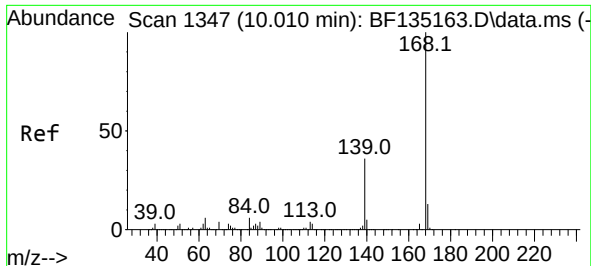


#54
2,4-Dinitrophenol
Concen: 91.196 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



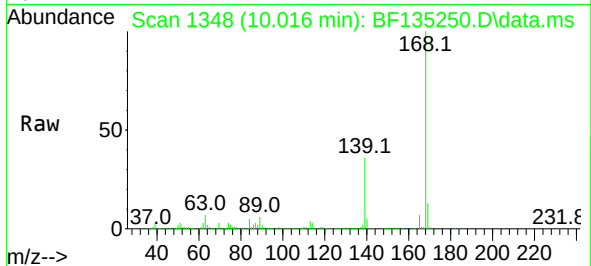
Tgt Ion:184 Resp: 192211
Ion Ratio Lower Upper
184 100
63 58.7 55.1 82.7
154 56.2 48.4 72.6





#55
Dibenzenofuran
Concen: 42.888 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

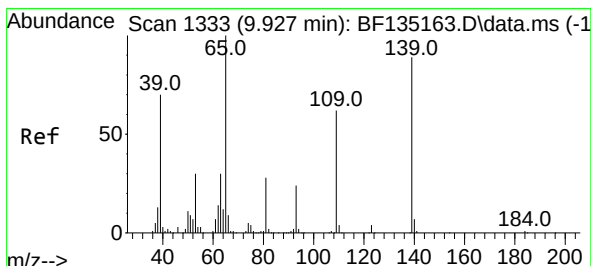
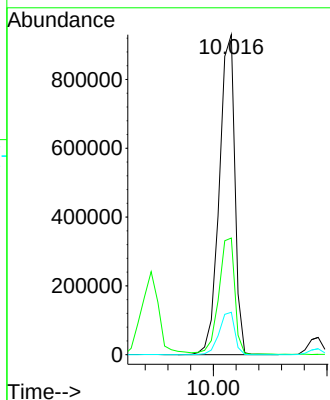
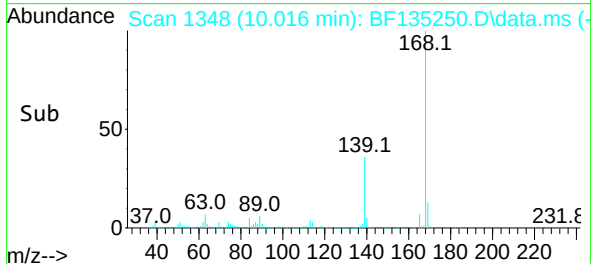
Instrument :
BNA_F
ClientSampleId :
PB155315BS



Tgt Ion:168 Resp: 888825
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.6
169 13.2 10.4 15.6

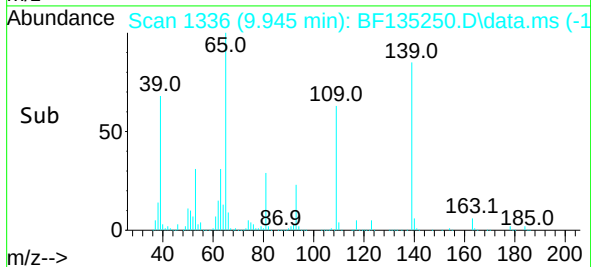
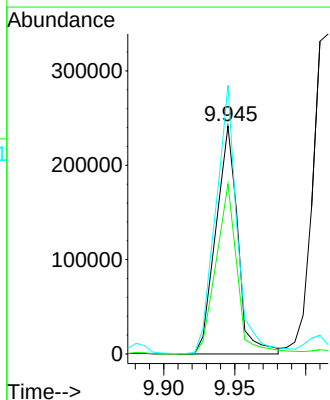
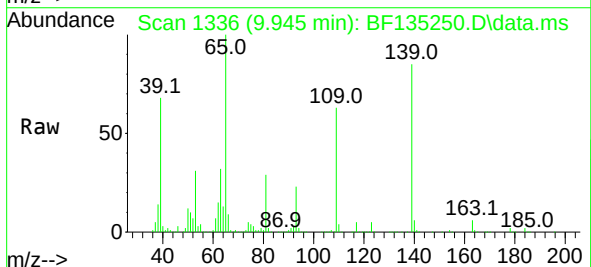
Manual Integrations
APPROVED

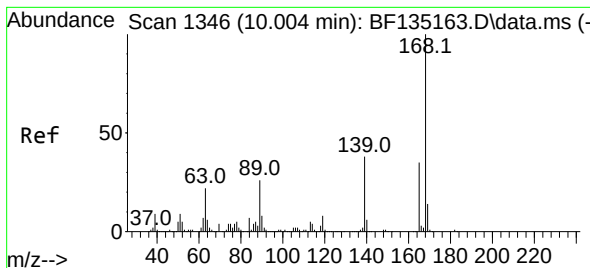
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#56
4-Nitrophenol
Concen: 94.420 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:139 Resp: 258832
Ion Ratio Lower Upper
139 100
109 74.7 49.8 89.8
65 117.9 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.154 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

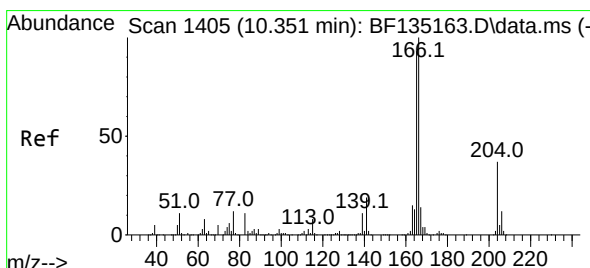
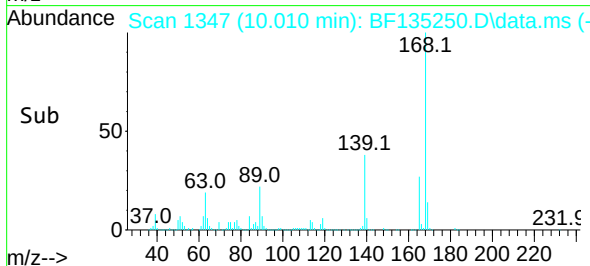
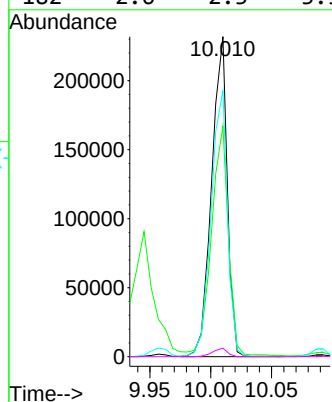
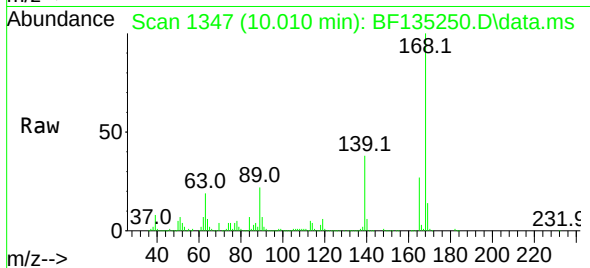
PB155315BS

Tgt Ion:165 Resp: 20771
Ion Ratio Lower Upper
165 100
63 72.0 50.1 75.1
89 83.1 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations

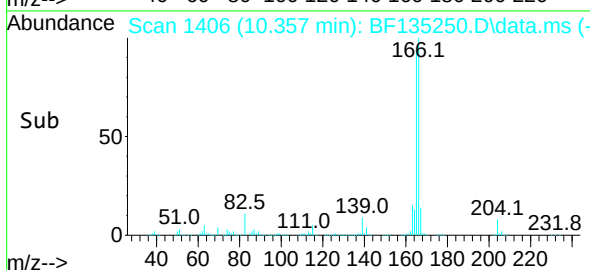
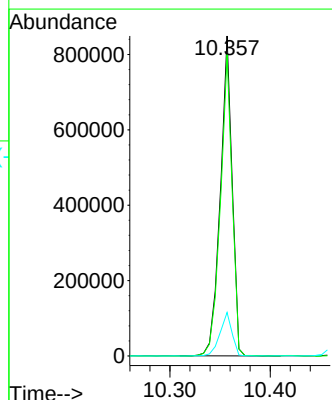
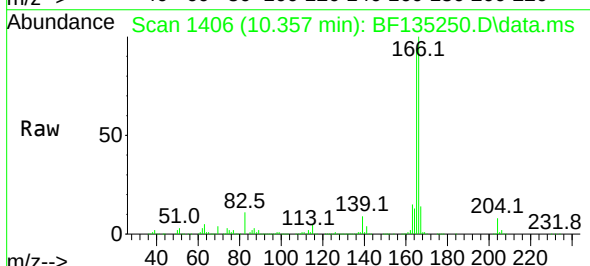
APPROVED

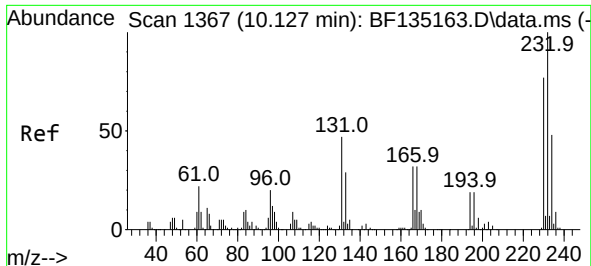
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#58
Fluorene
Concen: 43.519 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

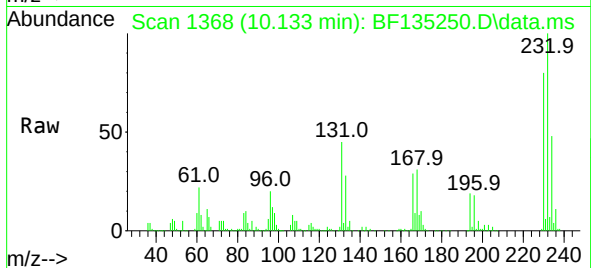
Tgt Ion:166 Resp: 693346
Ion Ratio Lower Upper
166 100
165 94.2 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.529 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

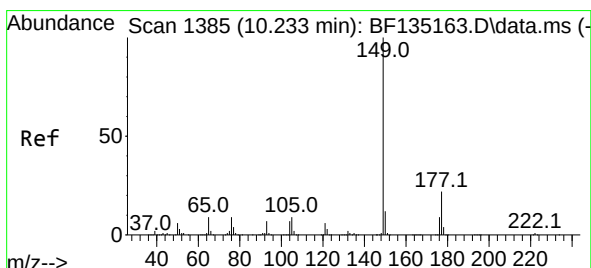
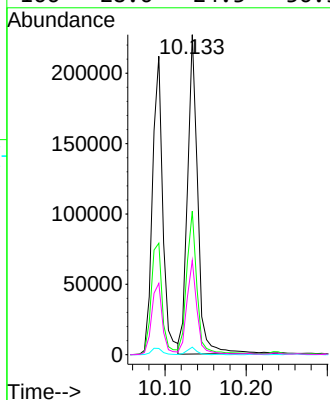
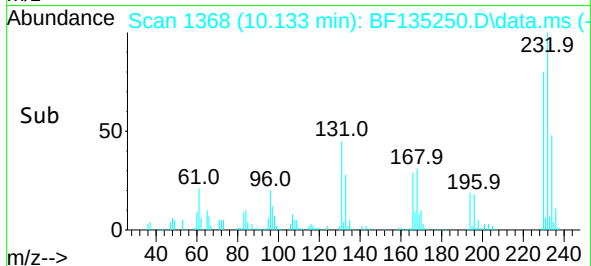
Instrument :
BNA_F
ClientSampleId :
PB155315BS



Tgt Ion:232 Resp: 19813
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.2 1.8 2.8
166 28.6 24.3 36.5

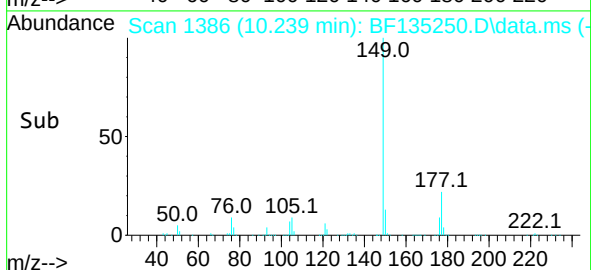
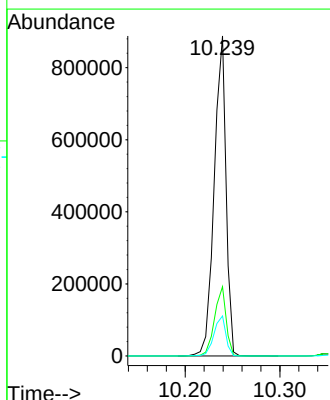
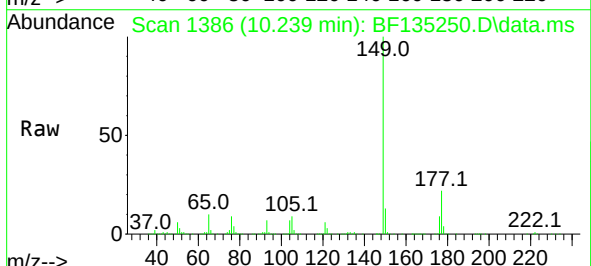
Manual Integrations
APPROVED

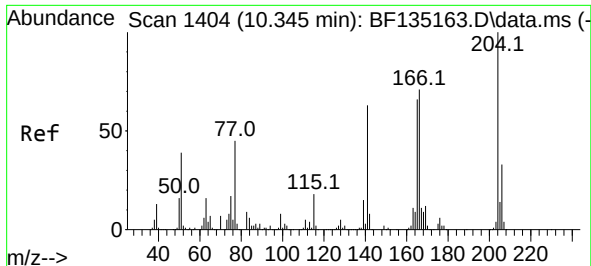
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#60
Diethylphthalate
Concen: 45.705 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

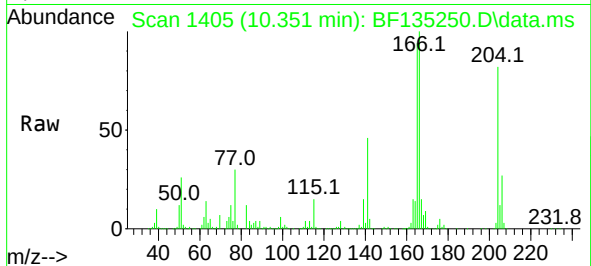
Tgt Ion:149 Resp: 769373
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.790 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

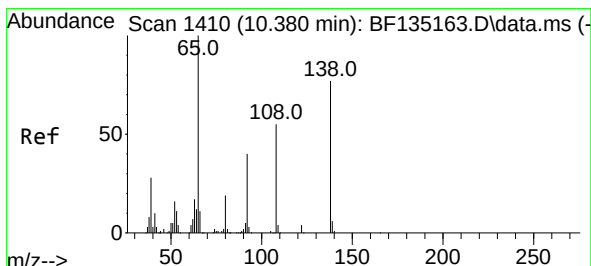
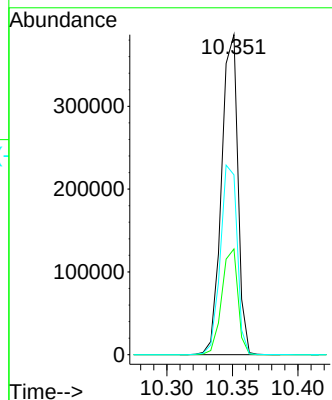
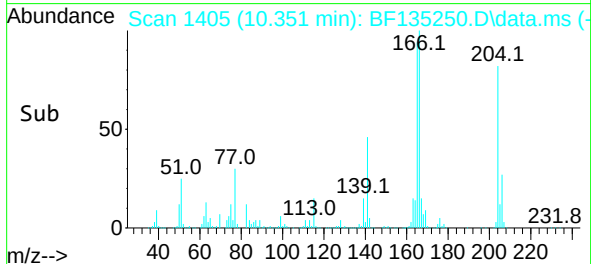
Instrument :
BNA_F
ClientSampleId :
PB155315BS



Tgt Ion:204 Resp: 33513
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 56.2 50.6 75.8

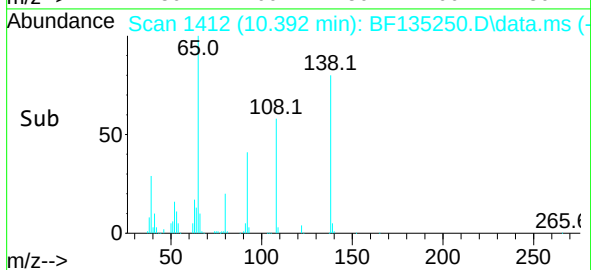
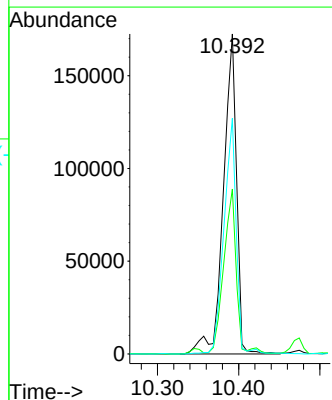
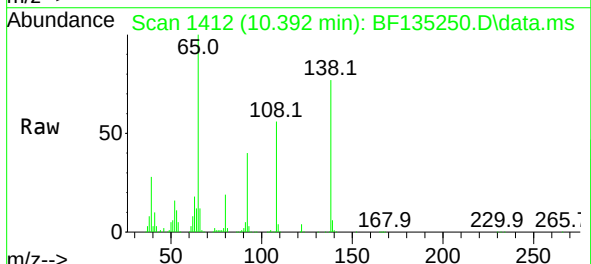
Manual Integrations
APPROVED

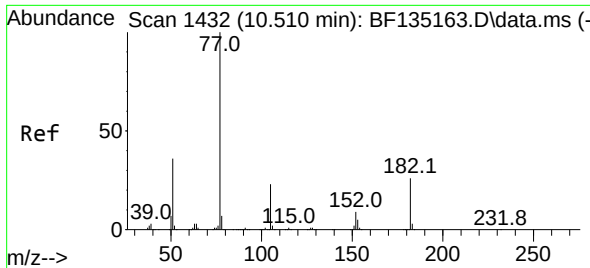
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#62
4-Nitroaniline
Concen: 47.047 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

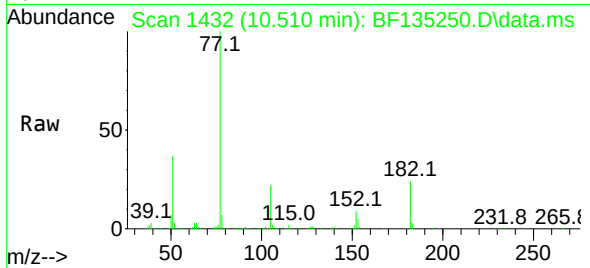
Tgt Ion:138 Resp: 195062
Ion Ratio Lower Upper
138 100
92 51.6 31.8 71.8
108 73.7 52.0 92.0





#63
Azobenzene
Concen: 45.843 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

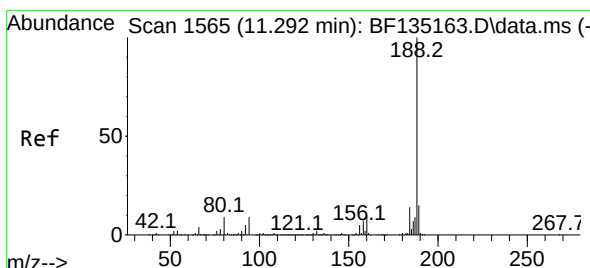
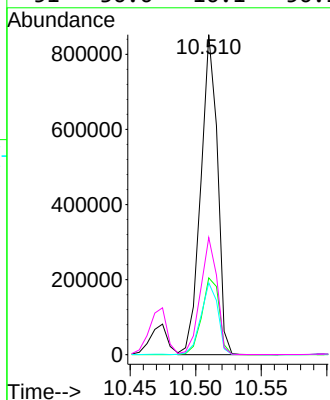
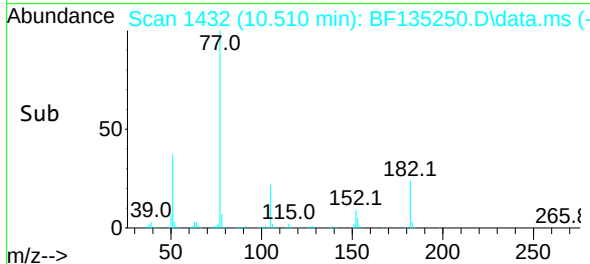
Instrument :
BNA_F
ClientSampleId :
PB155315BS



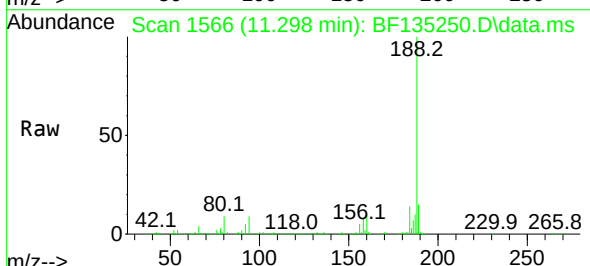
Tgt Ion: 77 Resp: 755258
Ion Ratio Lower Upper
77 100
182 24.0 6.4 46.4
105 22.4 3.1 43.1
51 36.6 16.1 56.1

Manual Integrations
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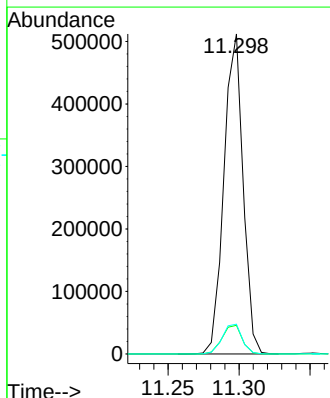
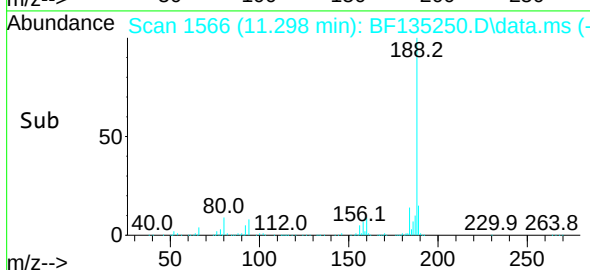
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

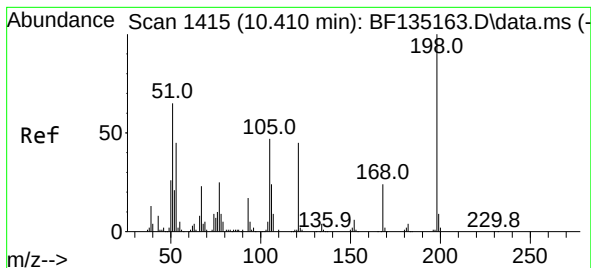


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:188 Resp: 479511
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.3 7.5 11.3





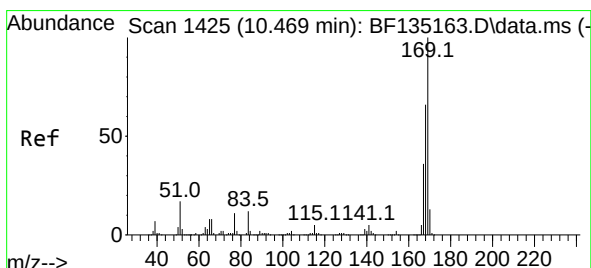
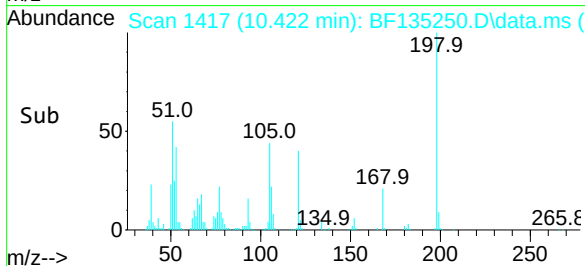
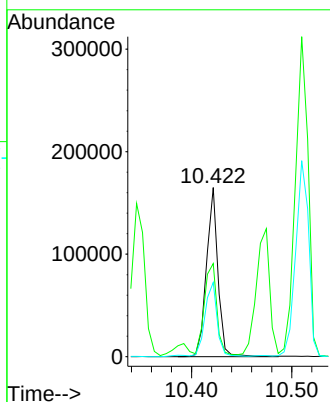
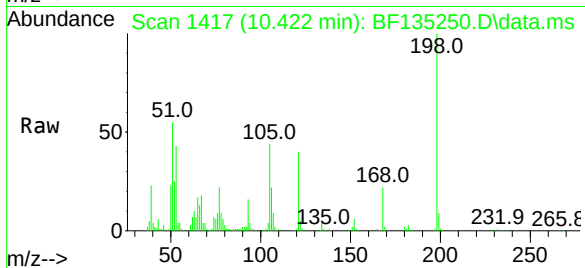
#65
4,6-Dinitro-2-methylphenol
Concen: 51.850 ng
RT: 10.422 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :
BNA_F
ClientSampleId :
PB155315BS

Tgt Ion:198 Resp: 13205
Ion Ratio Lower Upper
198 100
51 55.1 47.7 87.7
105 43.9 27.4 67.4

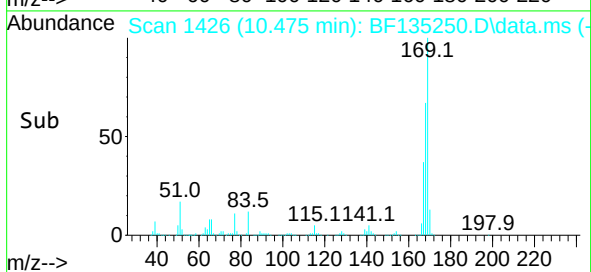
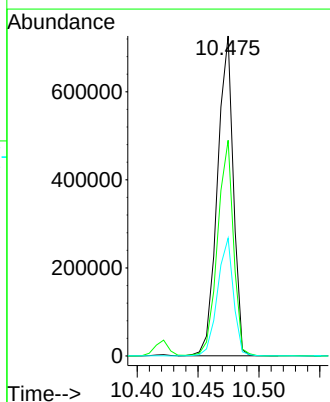
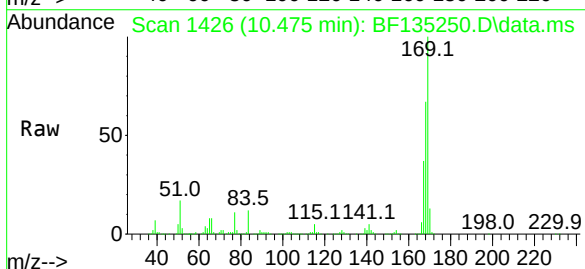
Manual Integrations
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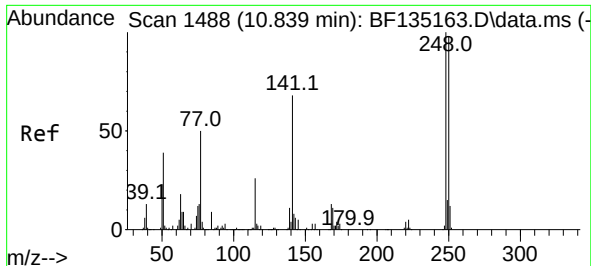
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#66
n-Nitrosodiphenylamine
Concen: 45.562 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

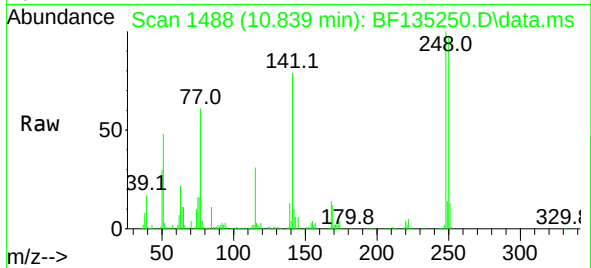
Tgt Ion:169 Resp: 661430
Ion Ratio Lower Upper
169 100
168 67.4 52.8 79.2
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.860 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

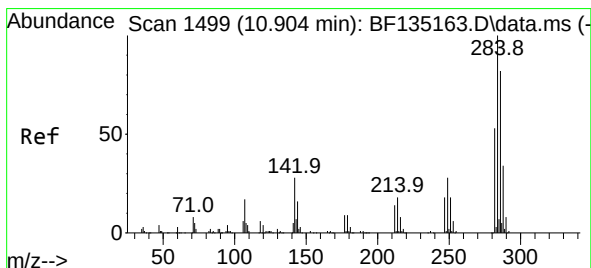
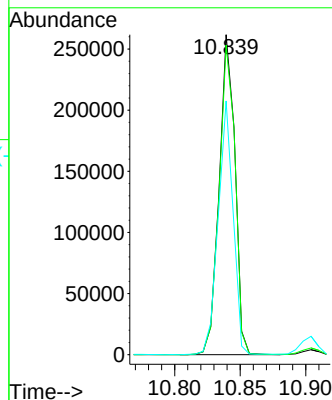
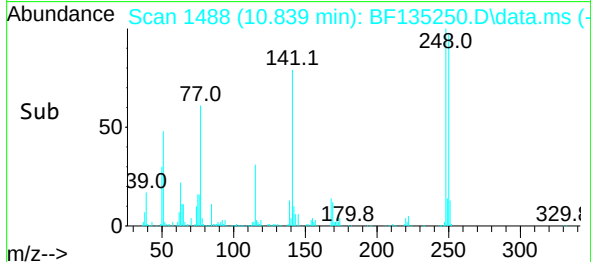
Instrument :
BNA_F
ClientSampleId :
PB155315BS



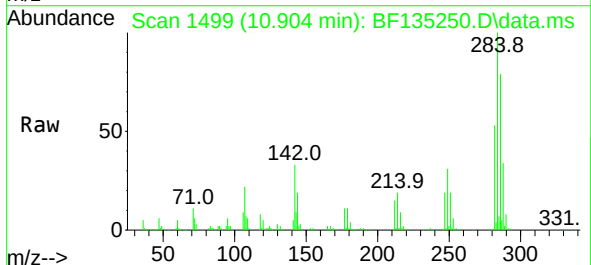
Tgt Ion:248 Resp: 218709
Ion Ratio Lower Upper
248 100
250 96.7 78.6 117.8
141 79.3 54.2 81.2

Manual Integrations
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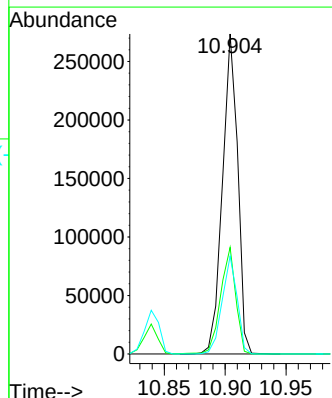
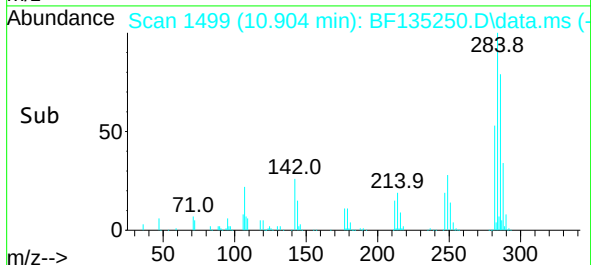
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

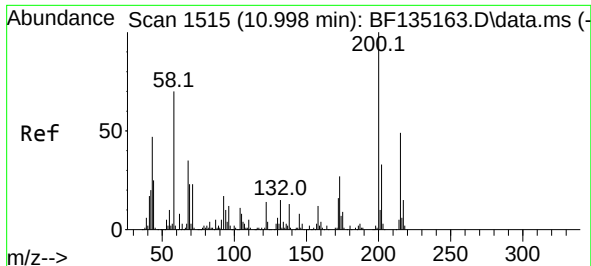


#68
Hexachlorobenzene
Concen: 49.100 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



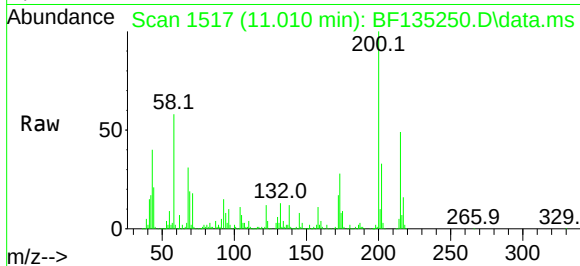
Tgt Ion:284 Resp: 238556
Ion Ratio Lower Upper
284 100
142 33.3 22.2 33.4
249 30.6 22.5 33.7





#69
 Atrazine
 Concen: 56.169 ng
 RT: 11.010 min Scan# 1517
 Delta R.T. 0.012 min
 Lab File: BF135250.D
 Acq: 14 Sep 2023 13:02

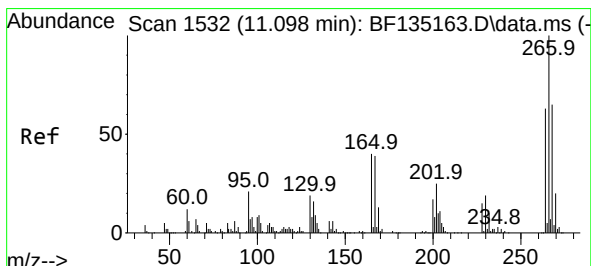
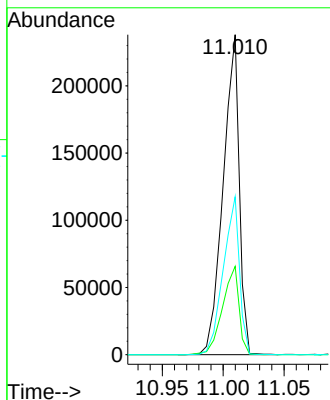
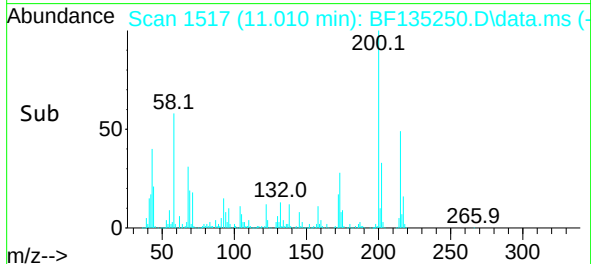
Instrument :
 BNA_F
 ClientSampleId :
 PB155315BS



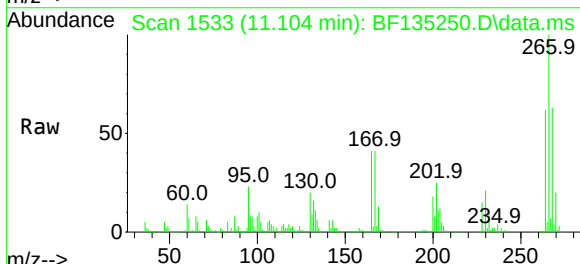
Tgt Ion:200 Resp: 21940
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 49.3 28.6 68.6

Manual Integrations
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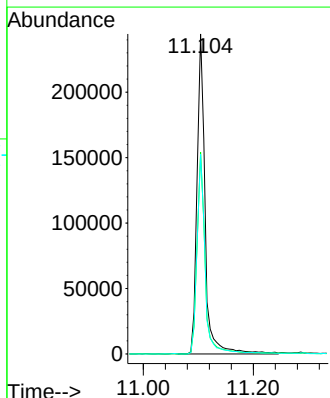
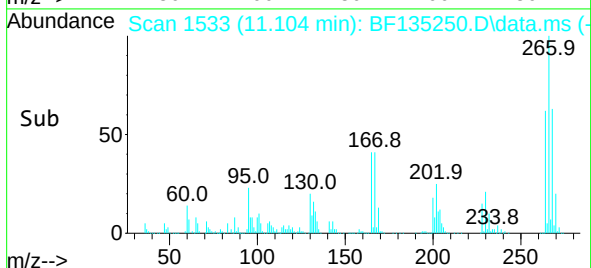
Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

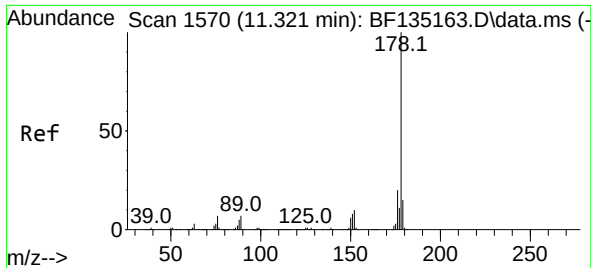


#70
 Pentachlorophenol
 Concen: 86.313 ng
 RT: 11.104 min Scan# 1533
 Delta R.T. 0.006 min
 Lab File: BF135250.D
 Acq: 14 Sep 2023 13:02



Tgt Ion:266 Resp: 250902
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.1 78.1
 264 62.3 50.8 76.2





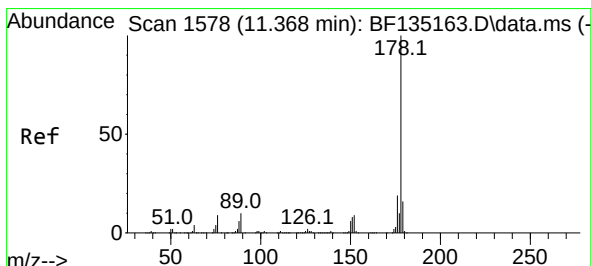
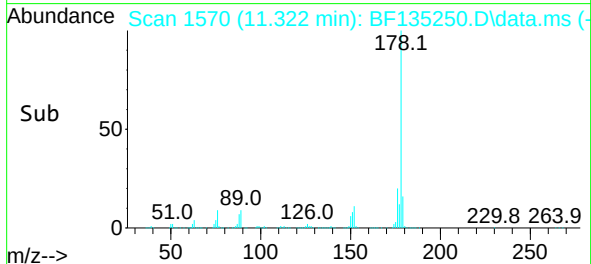
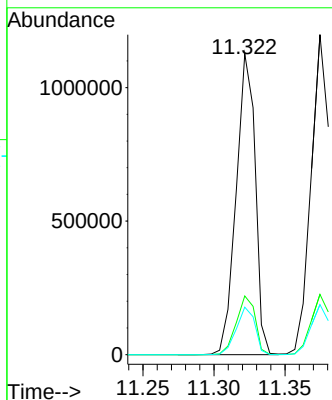
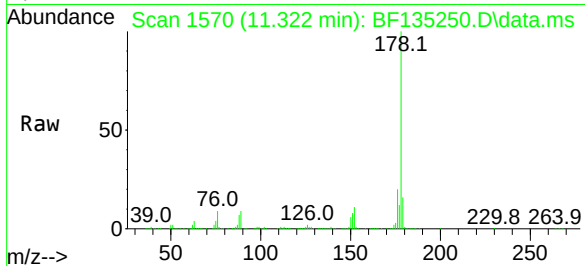
#71
Phenanthrene
Concen: 46.394 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :
BNA_F
ClientSampleId :
PB155315BS

Tgt Ion:178 Resp: 1052159
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.0 18.0

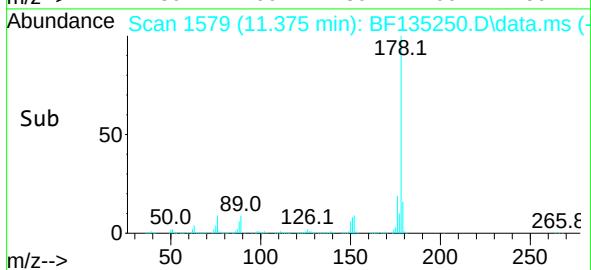
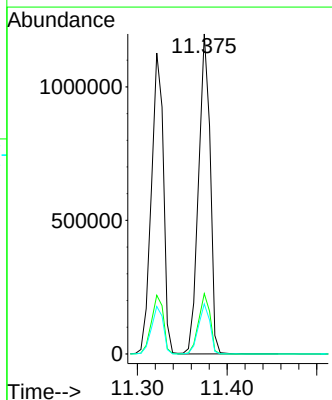
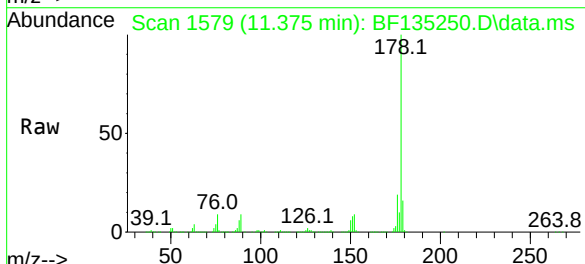
Manual Integrations
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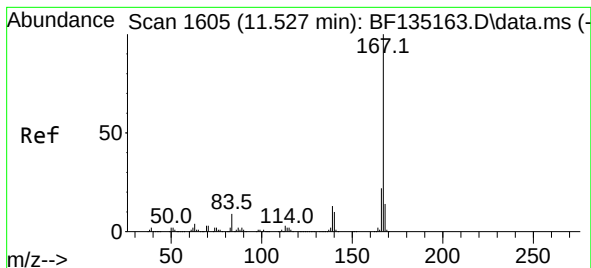
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#72
Anthracene
Concen: 46.050 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:178 Resp: 1073491
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 48.522 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135250.D

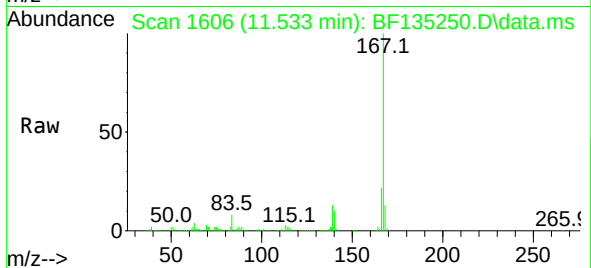
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



Tgt Ion:167 Resp: 1029685

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

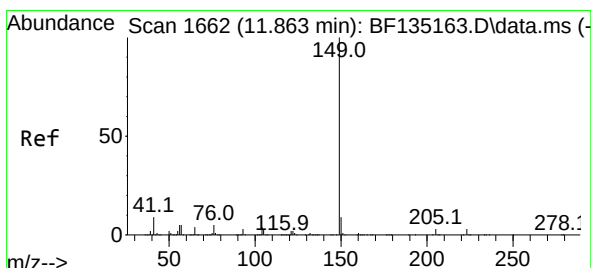
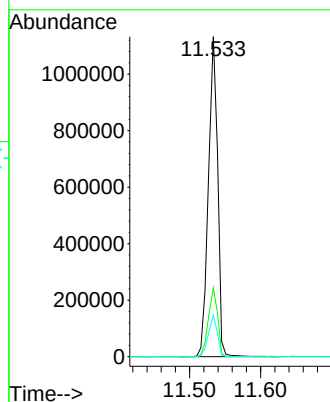
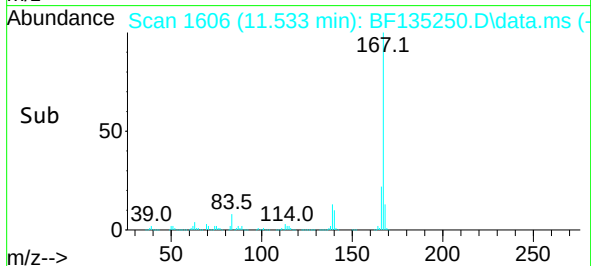
139 12.9 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#74

Di-n-butylphthalate

Concen: 49.273 ng

RT: 11.869 min Scan# 1663

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

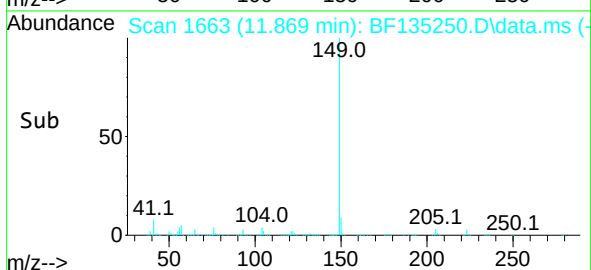
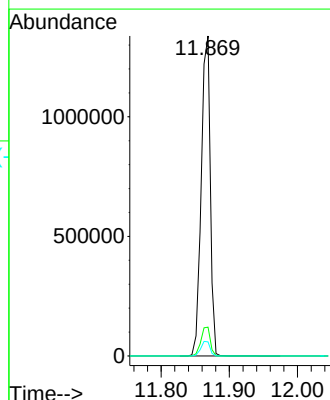
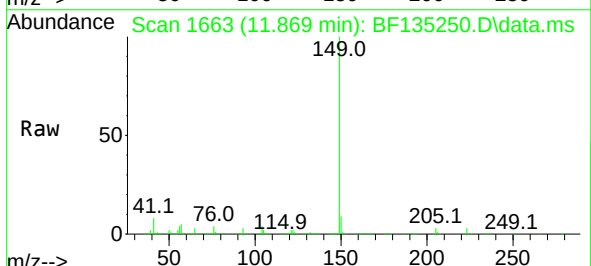
Tgt Ion:149 Resp: 1232085

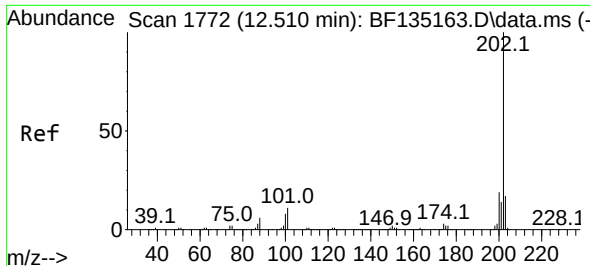
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

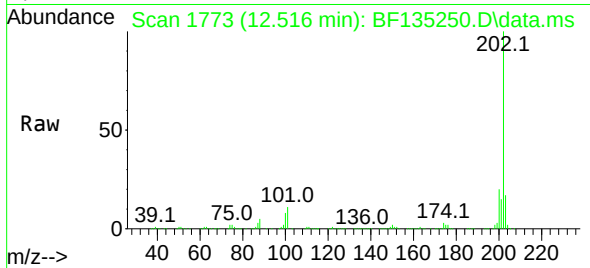
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 48.197 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

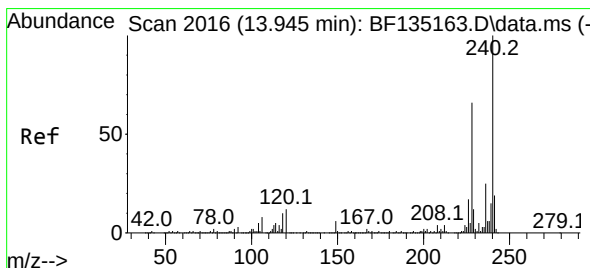
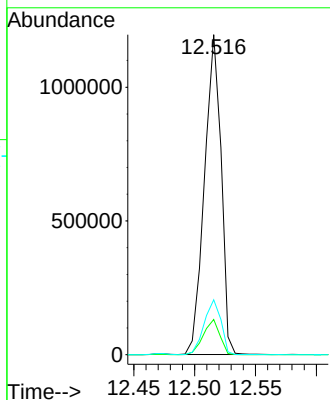
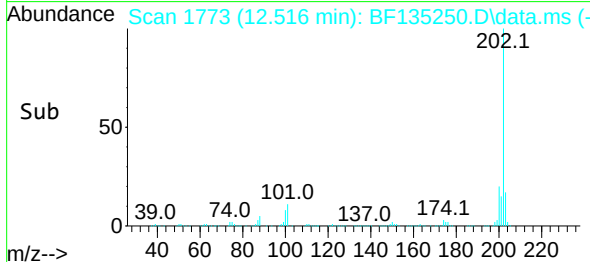
Instrument :
BNA_F
ClientSampleId :
PB155315BS



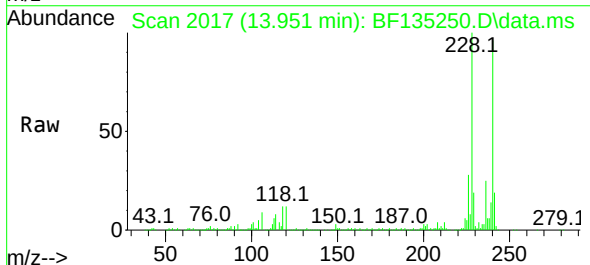
Tgt Ion:202 Resp: 1138950
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.1 0.0 37.4

Manual Integrations
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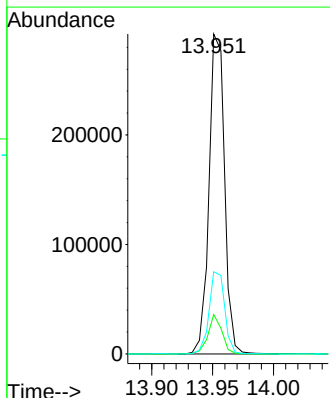
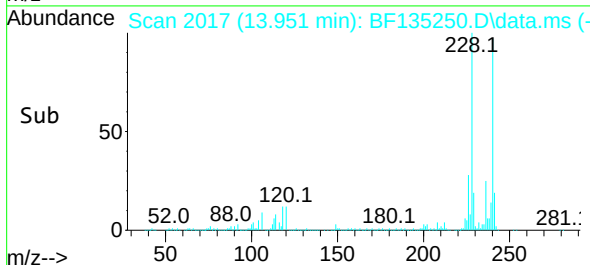
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

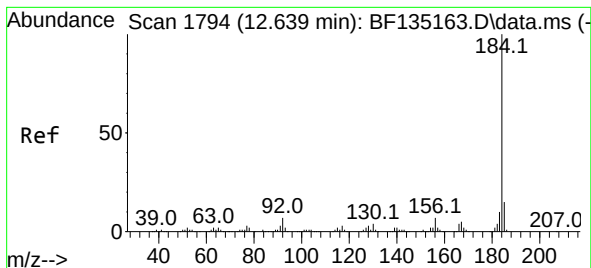


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:240 Resp: 259131
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.7 19.8 29.8





#77

Benzidine

Concen: 67.227 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135250.D

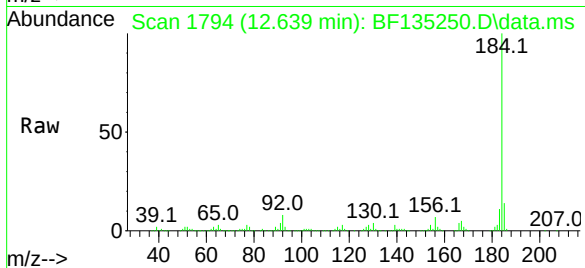
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



Tgt Ion:184 Resp: 356894

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

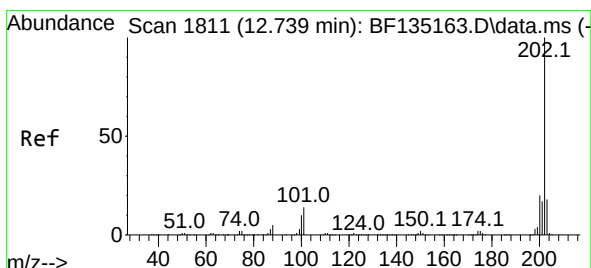
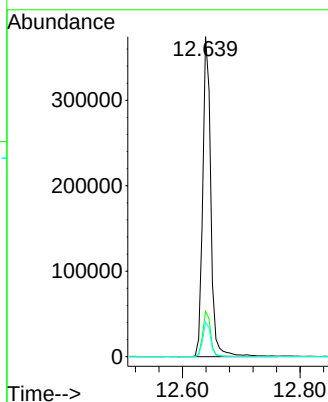
183 10.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#78

Pyrene

Concen: 46.808 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

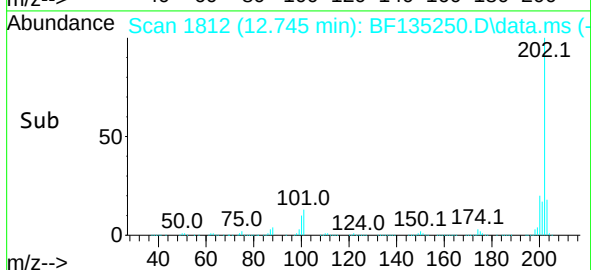
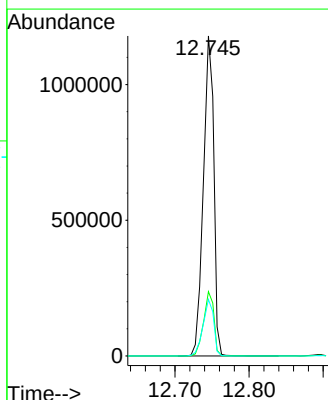
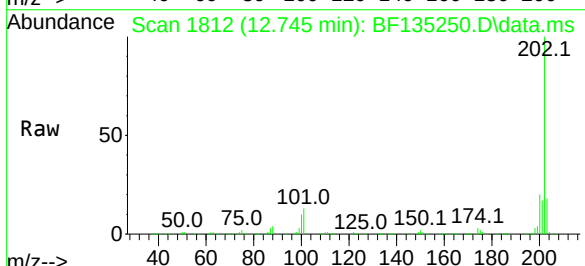
Tgt Ion:202 Resp: 1154805

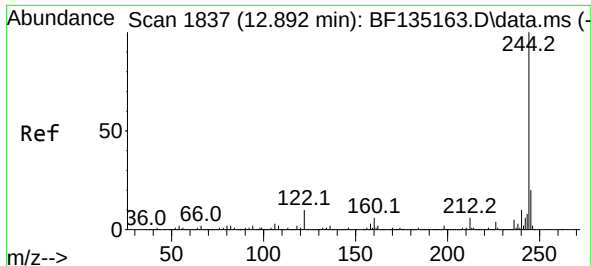
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.6 14.2 21.4





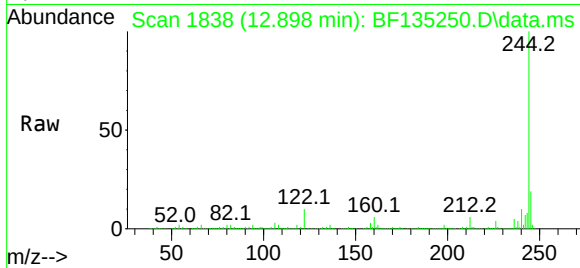
#79
 Terphenyl-d14
 Concen: 92.012 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.006 min
 Lab File: BF135250.D
 Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

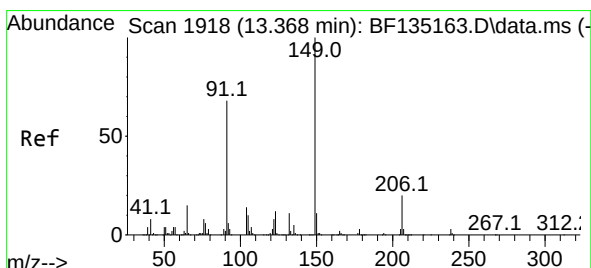
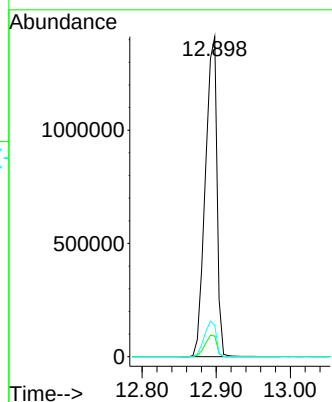
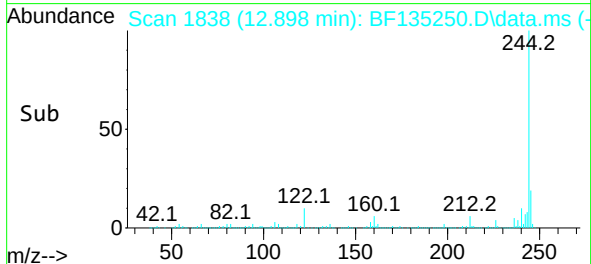


Tgt Ion:244 Resp: 1538070
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.8 7.9 11.9

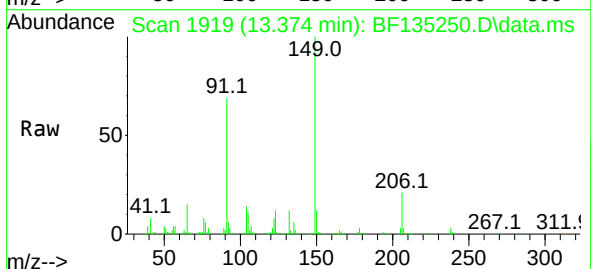
Manual Integrations

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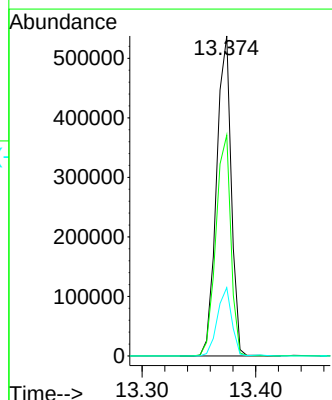
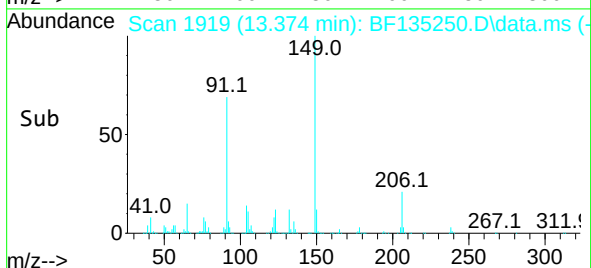
Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

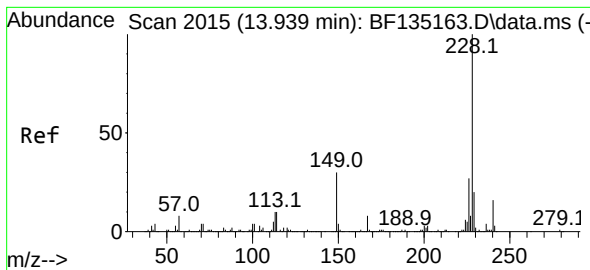


#80
 Butylbenzylphthalate
 Concen: 55.836 ng
 RT: 13.374 min Scan# 1919
 Delta R.T. 0.006 min
 Lab File: BF135250.D
 Acq: 14 Sep 2023 13:02



Tgt Ion:149 Resp: 485011
 Ion Ratio Lower Upper
 149 100
 91 69.0 54.7 82.1
 206 21.4 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.208 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135250.D

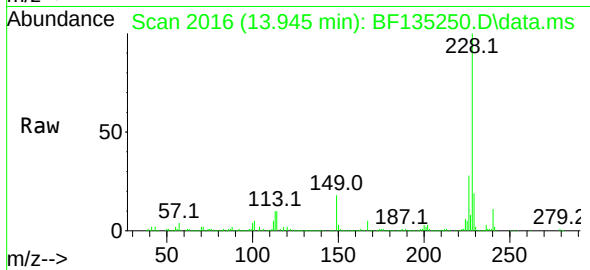
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS



Tgt Ion:228 Resp: 77318

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

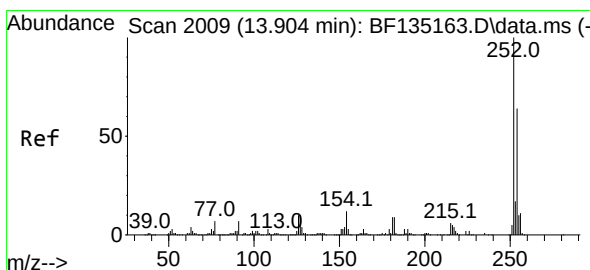
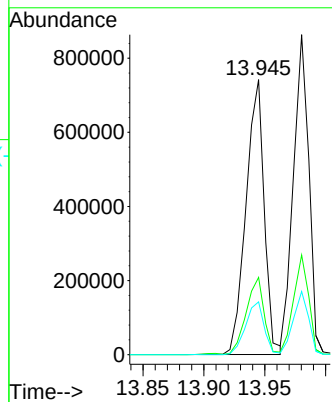
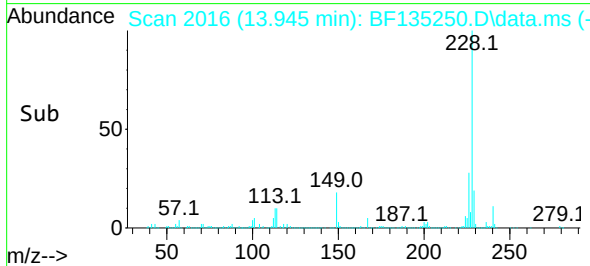
229 19.2 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#82

3,3'-Dichlorobenzidine

Concen: 33.969 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135250.D

Acq: 14 Sep 2023 13:02

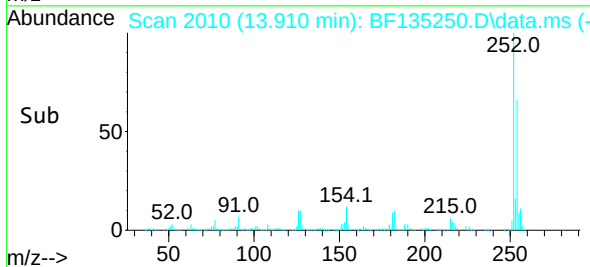
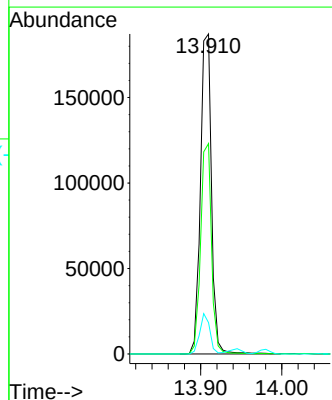
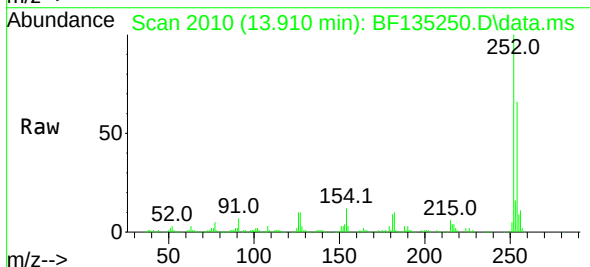
Tgt Ion:252 Resp: 177540

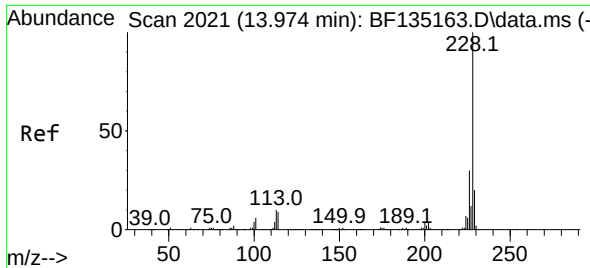
Ion Ratio Lower Upper

252 100

254 65.7 51.0 76.4

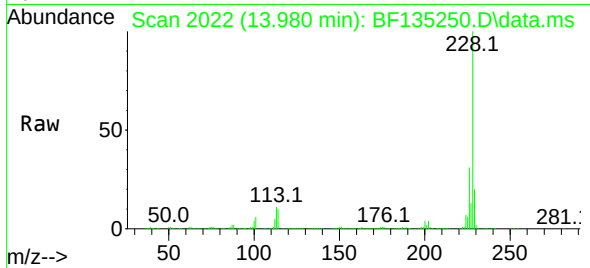
126 9.8 7.8 11.8





#83
Chrysene
Concen: 46.032 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

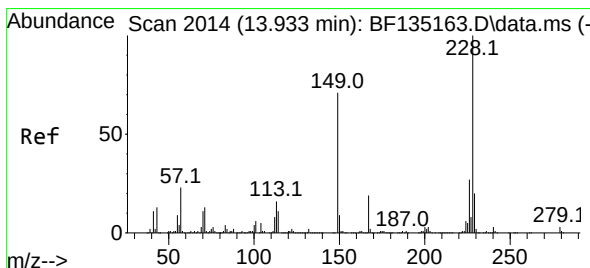
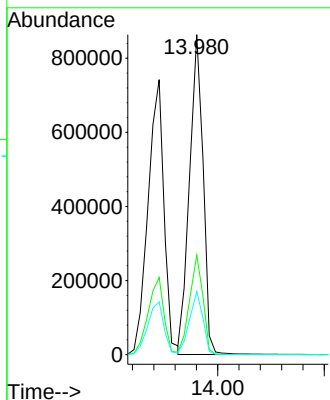
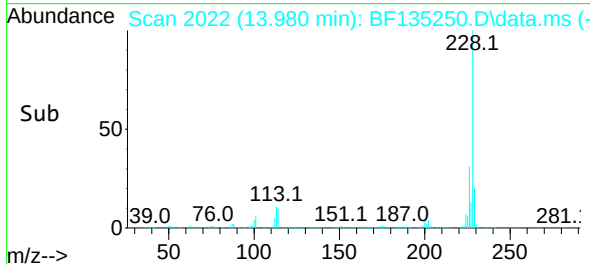
Instrument :
BNA_F
ClientSampleId :
PB155315BS



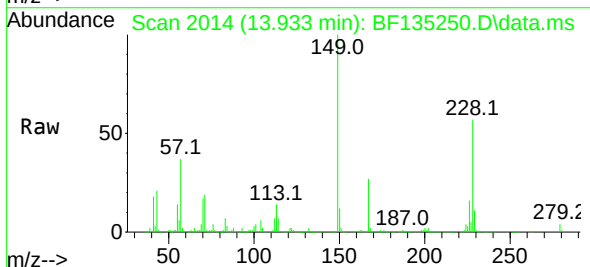
Tgt Ion:228 Resp: 76580
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 19.8 16.0 24.0

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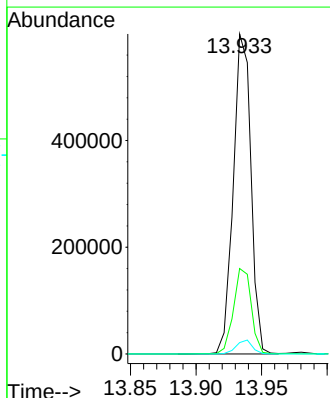
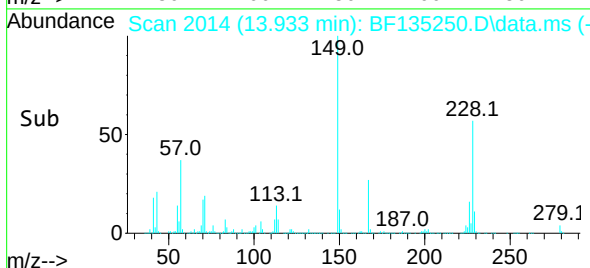
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

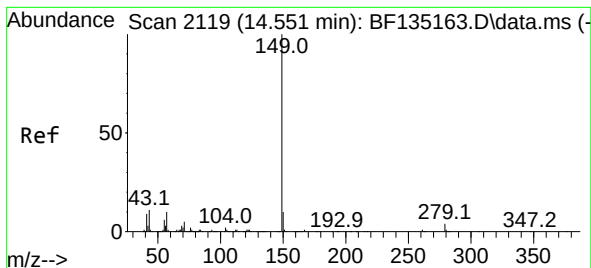


#84
Bis(2-ethylhexyl)phthalate
Concen: 63.066 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:149 Resp: 562148
Ion Ratio Lower Upper
149 100
167 26.7 21.9 32.9
279 3.6 3.3 4.9





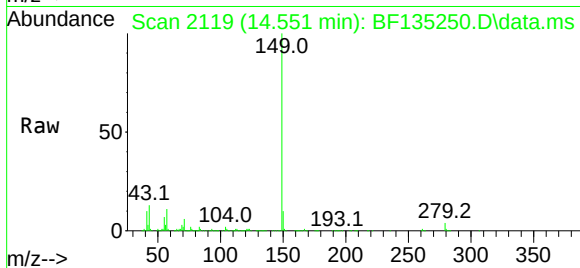
#85
Di-n-octyl phthalate
Concen: 60.362 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

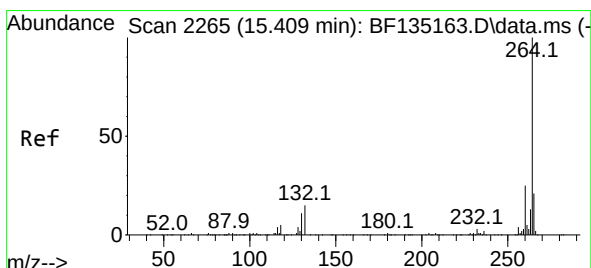
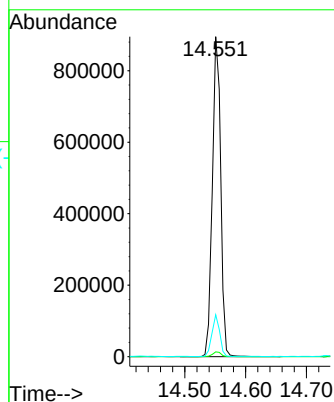
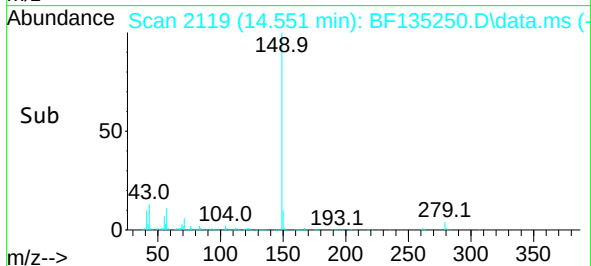
PB155315BS



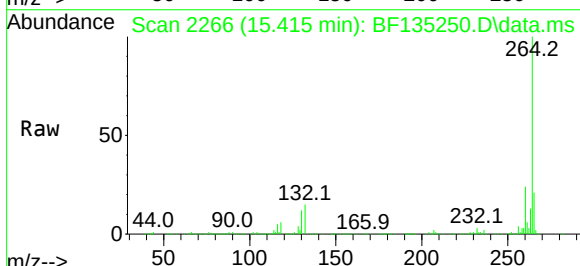
Tgt Ion:149 Resp: 85505
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.3 9.8 14.6

Manual Integrations
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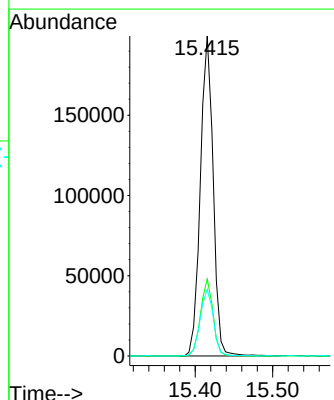
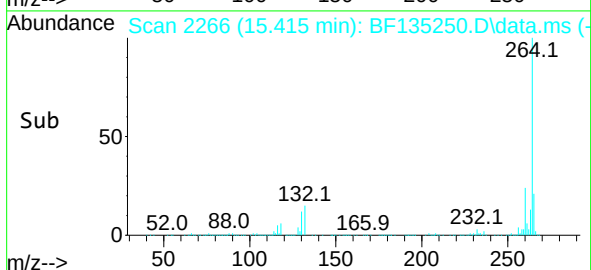
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Supervised By :mohammad ahmed 09/15/2023

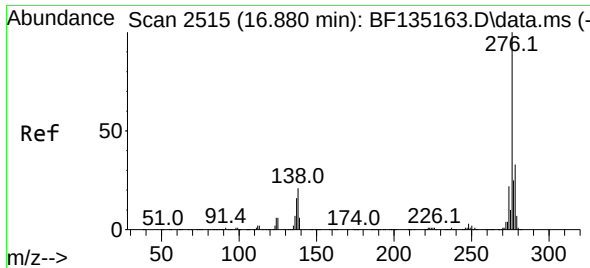


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:264 Resp: 229087
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 20.7 17.0 25.4





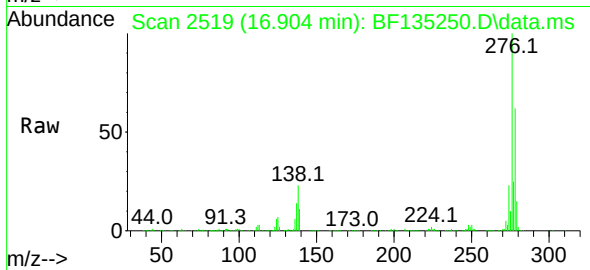
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.350 ng
RT: 16.904 min Scan# 2119
Delta R.T. 0.024 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

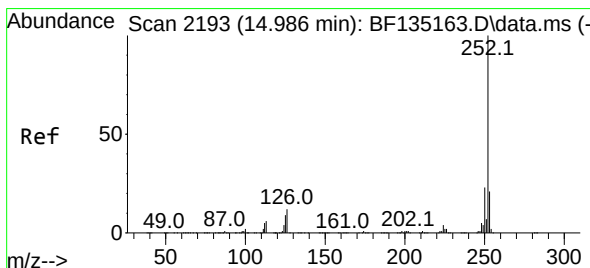
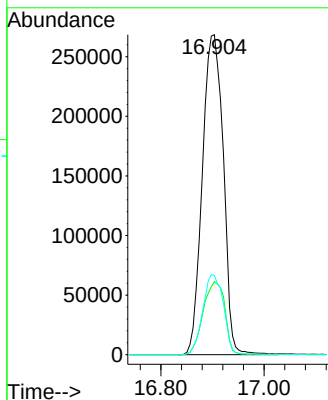
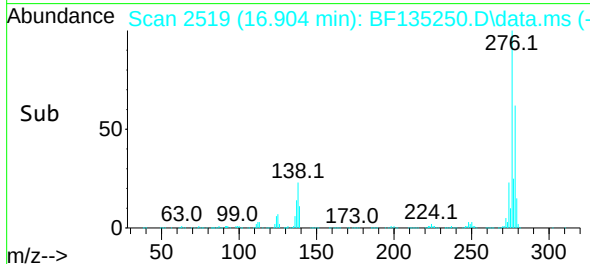


Tgt Ion:276 Resp: 756279
Ion Ratio Lower Upper
276 100
138 23.5 19.2 28.8
277 24.7 19.7 29.5

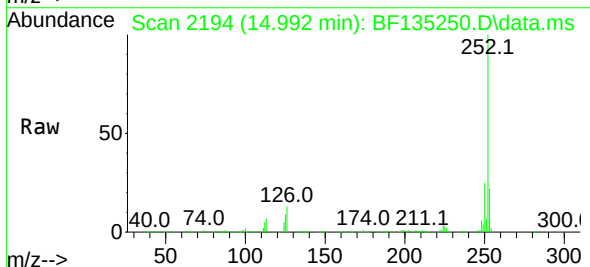
Manual Integrations

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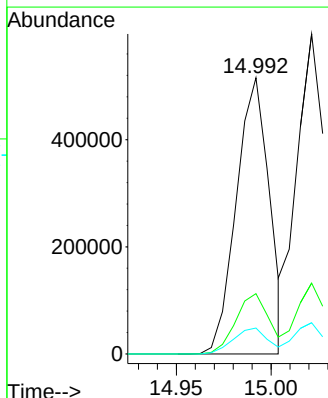
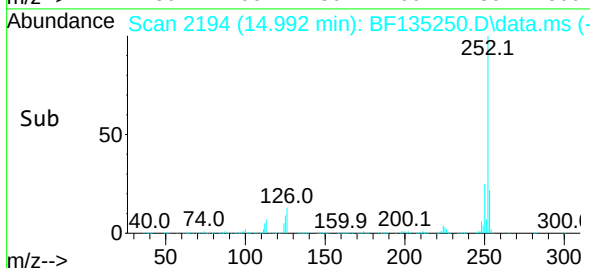
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

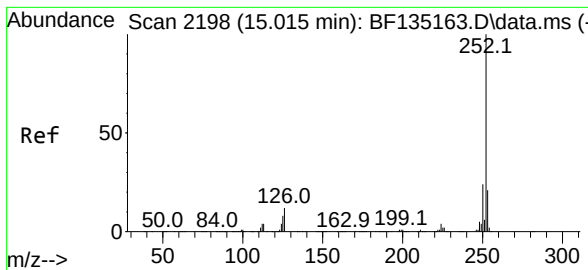


#88
Benzo(b)fluoranthene
Concen: 50.410 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:252 Resp: 625148
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.4 7.1 10.7





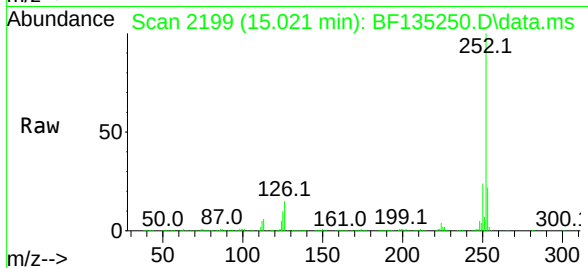
#89
Benzo(k)fluoranthene
Concen: 50.565 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB155315BS

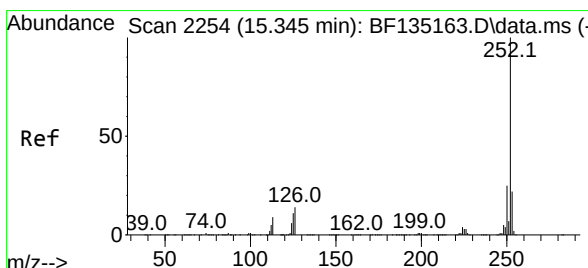
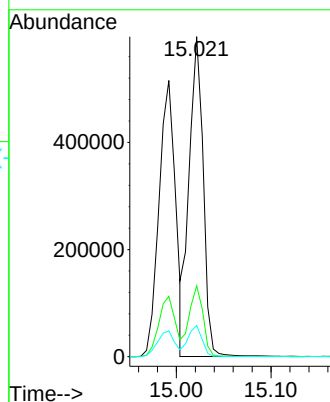
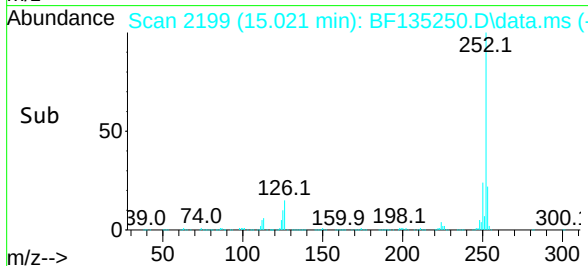


Tgt Ion:252 Resp: 619438
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.7 7.2 10.8

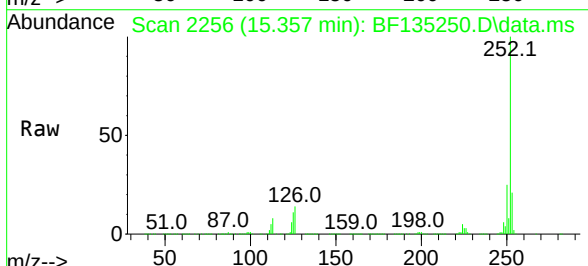
Manual Integrations

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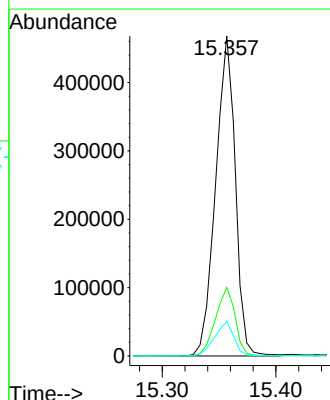
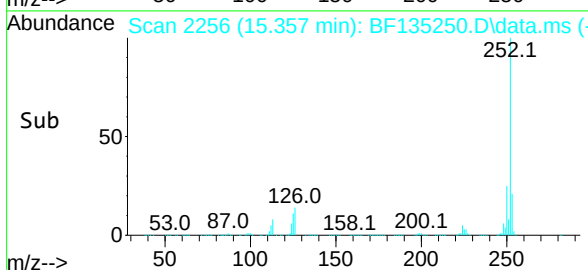
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

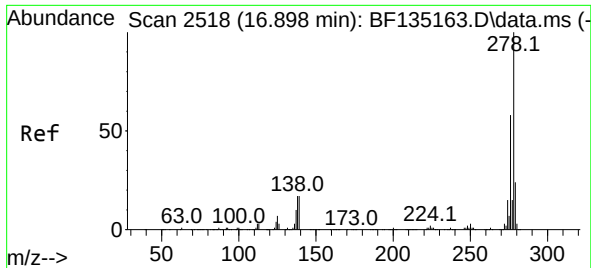


#90
Benzo(a)pyrene
Concen: 47.565 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02



Tgt Ion:252 Resp: 562518
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.8 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 49.963 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.024 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Instrument :

BNA_F

ClientSampleId :

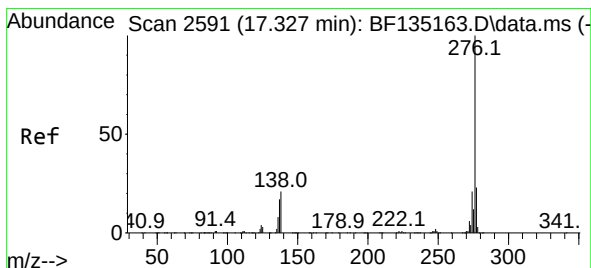
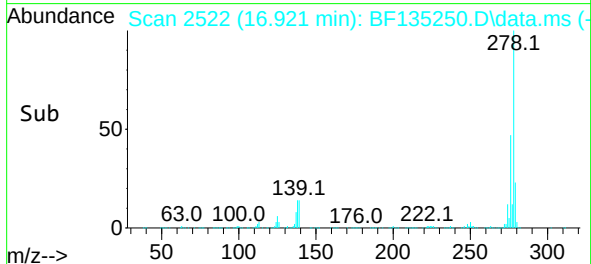
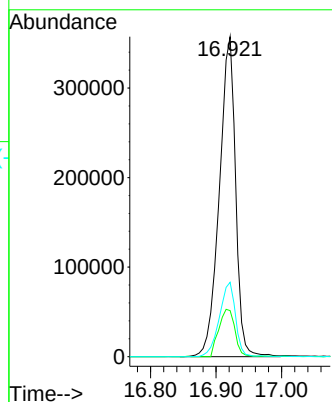
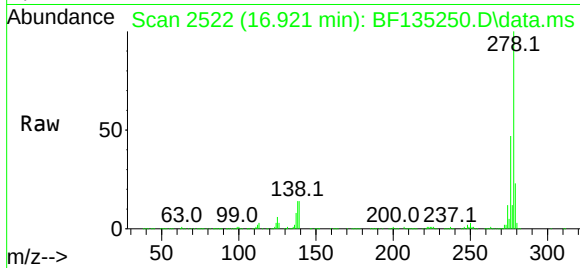
PB155315BS

Tgt Ion:278 Resp: 614039
Ion Ratio Lower Upper
278 100
139 14.4 13.4 20.0
279 23.3 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#92
Benzo(g,h,i)perylene
Concen: 48.046 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135250.D
Acq: 14 Sep 2023 13:02

Tgt Ion:276 Resp: 616680
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 20.4 16.9 25.3

