

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135174.D
 Acq On : 12 Sep 2023 11:00
 Operator : CG\JU
 Sample : PB155440BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155440BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 01:59:40 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	113194	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	440841	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	229554	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	439496	20.000	ng	0.00
76) Chrysene-d12	13.951	240	237538	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	218789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	905956	130.174	ng	0.02
7) Phenol-d6	6.410	99	1156803	130.719	ng	0.00
23) Nitrobenzene-d5	7.334	82	739407	91.125	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	309099	135.498	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1294619	85.088	ng	0.00
79) Terphenyl-d14	12.892	244	1355585	88.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	115367	37.814	ng	99
3) Pyridine	3.328	79	296695	36.133	ng	96
4) n-Nitrosodimethylamine	3.287	42	199191	45.714	ng	98
6) Aniline	6.434	93	367556	31.673	ng	98
8) 2-Chlorophenol	6.551	128	357020	48.055	ng	98
9) Benzaldehyde	6.316	77	129152	25.618	ng	99
10) Phenol	6.428	94	426954	43.998	ng	84
11) bis(2-Chloroethyl)ether	6.510	93	328100	45.075	ng	98
12) 1,3-Dichlorobenzene	6.704	146	347576	46.034	ng	99
13) 1,4-Dichlorobenzene	6.781	146	352658	45.908	ng	98
14) 1,2-Dichlorobenzene	6.934	146	337442	47.302	ng	97
15) Benzyl Alcohol	6.916	79	301958	47.550	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	625822	45.613	ng	99
17) 2-Methylphenol	7.028	107	280470	42.780	ng	98
18) Hexachloroethane	7.275	117	133447	47.015	ng	96
19) n-Nitroso-di-n-propyla...	7.187	70	235968	43.049	ng	98
20) 3+4-Methylphenols	7.181	107	331909	42.102	ng	94
22) Acetophenone	7.181	105	459949	45.635	ng	97
24) Nitrobenzene	7.351	77	365015	45.513	ng	100
25) Isophorone	7.592	82	680482	45.670	ng	99
26) 2-Nitrophenol	7.663	139	187806	48.791	ng	98
27) 2,4-Dimethylphenol	7.704	122	312092	48.236	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	415539	46.595	ng	100
29) 2,4-Dichlorophenol	7.904	162	285478	47.617	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	297818	47.526	ng	99
31) Naphthalene	8.069	128	986134	46.040	ng	100
32) Benzoic acid	7.845	122	246793	50.655	ng	99
33) 4-Chloroaniline	8.116	127	183119	19.486	ng	97
34) Hexachlorobutadiene	8.181	225	176549	46.724	ng	99
35) Caprolactam	8.498	113	99165m	49.284	ng	
36) 4-Chloro-3-methylphenol	8.610	107	321367	48.230	ng	98
37) 2-Methylnaphthalene	8.757	142	635672	44.150	ng	99
38) 1-Methylnaphthalene	8.857	142	590303	43.792	ng	98
40) 1,2,4,5-Tetrachloroben...	8.928	216	300058	45.119	ng	99
41) Hexachlorocyclopentadiene	8.910	237	284874	95.626	ng	95
43) 2,4,6-Trichlorophenol	9.039	196	203370	46.706	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	219197	43.713	ng	99
46) 1,1'-Biphenyl	9.228	154	792613	44.930	ng	99
47) 2-Chloronaphthalene	9.251	162	599418	46.831	ng	99
48) 2-Nitroaniline	9.351	65	226861	45.623	ng	97
49) Acenaphthylene	9.669	152	959814	45.121	ng	99
50) Dimethylphthalate	9.533	163	701801	45.219	ng	99
51) 2,6-Dinitrotoluene	9.598	165	158444	46.602	ng	89
52) Acenaphthene	9.839	154	571866	45.508	ng	96
53) 3-Nitroaniline	9.763	138	122014	30.572	ng	98
54) 2,4-Dinitrophenol	9.880	184	169601	87.255	ng	99
55) Dibenzofuran	10.010	168	847904	44.217	ng	97
56) 4-Nitrophenol	9.939	139	246759	97.284	ng	98
57) 2,4-Dinitrotoluene	10.004	165	197133	46.314	ng	93
58) Fluorene	10.357	166	659440	44.733	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	188270	48.809	ng	99
60) Diethylphthalate	10.233	149	712623	45.752	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	312503	44.130	ng	98
62) 4-Nitroaniline	10.386	138	180597	47.076	ng	100
63) Azobenzene	10.510	77	690961	45.327	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	117818	50.472	ng	97
66) n-Nitrosodiphenylamine	10.469	169	615544	46.262	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	198847	45.491	ng	95
68) Hexachlorobenzene	10.904	284	219795	49.357	ng	96
69) Atrazine	11.004	200	200016	55.868	ng	98
70) Pentachlorophenol	11.104	266	240373	90.219	ng	98
71) Phenanthrene	11.322	178	971427	46.734	ng	99
72) Anthracene	11.375	178	984936	46.098	ng	100
73) Carbazole	11.533	167	944072	48.538	ng	99
74) Di-n-butylphthalate	11.863	149	1101494	48.061	ng	99
75) Fluoranthene	12.516	202	1011064	46.681	ng	98
77) Benzidine	12.639	184	325585	66.905	ng	99
78) Pyrene	12.745	202	1033014	45.677	ng	99
80) Butylbenzylphthalate	13.369	149	400753	50.330	ng	97
81) Benzo(a)anthracene	13.939	228	717788	46.797	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	163504	34.127	ng	99
83) Chrysene	13.974	228	700940	45.963	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	409818	50.156	ng	99
85) Di-n-octyl phthalate	14.551	149	667673	51.418	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	713611	49.745	ng	100
88) Benzo(b)fluoranthene	14.986	252	608153	51.348	ng	98
89) Benzo(k)fluoranthene	15.015	252	601156	51.383	ng	100
90) Benzo(a)pyrene	15.351	252	534289	47.304	ng	97
91) Dibenzo(a,h)anthracene	16.904	278	580370	49.446	ng	99
92) Benzo(g,h,i)perylene	17.333	276	598254	48.804	ng	99

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

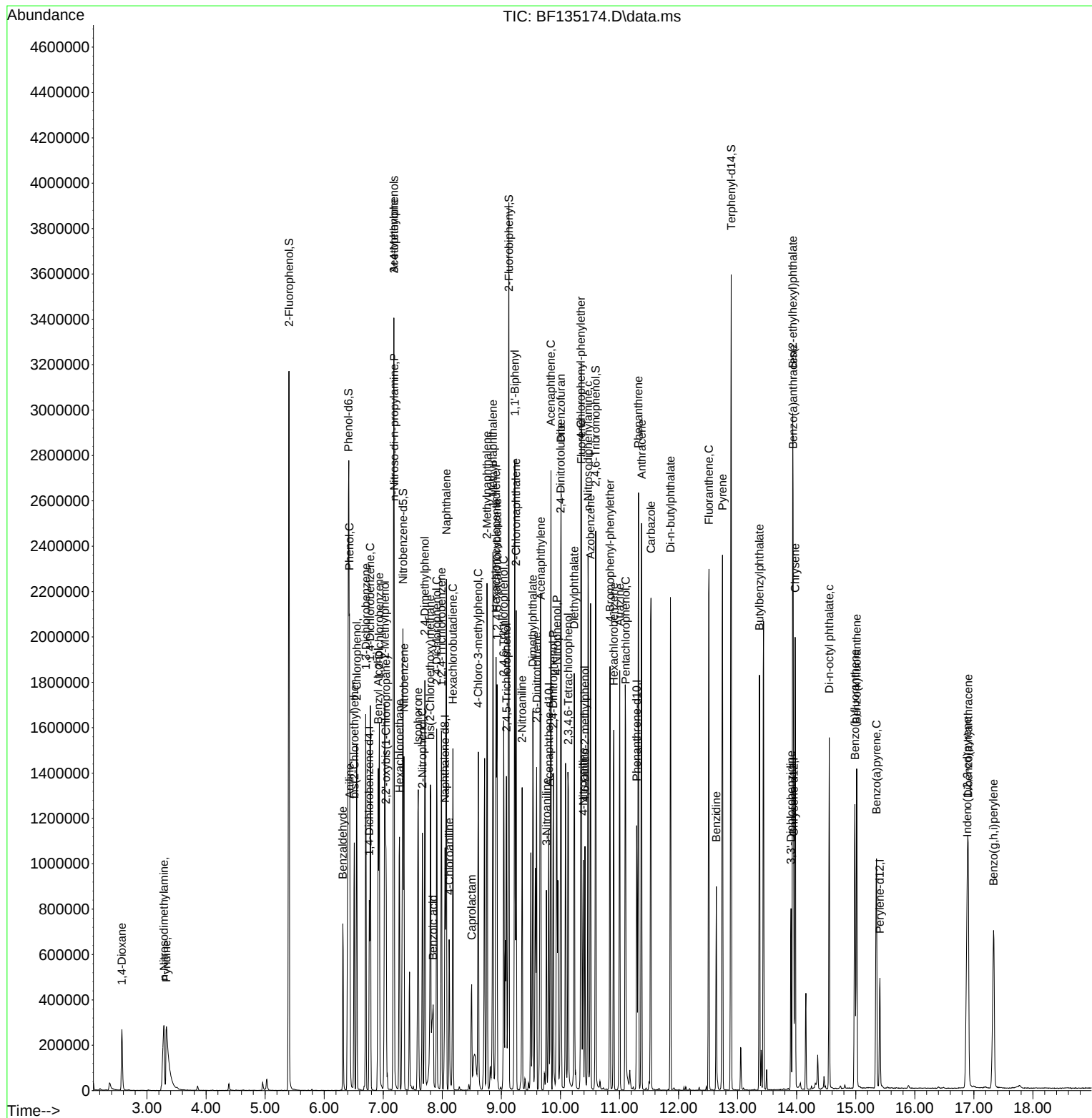
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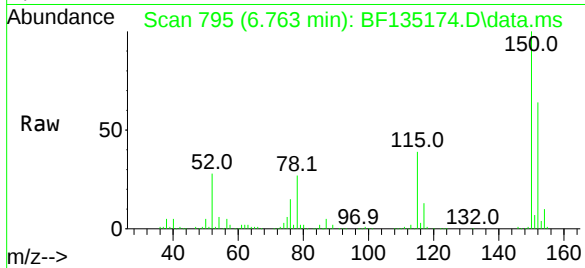
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135174.D
 Acq: 12 Sep 2023 11:00

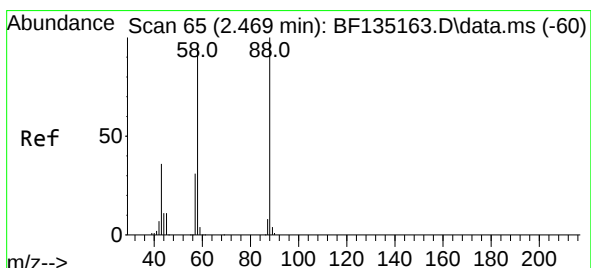
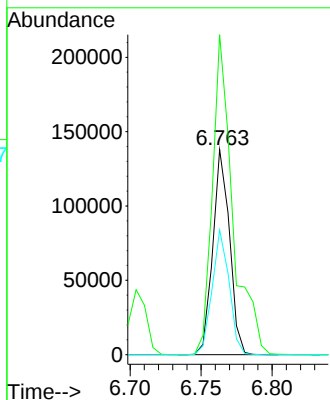
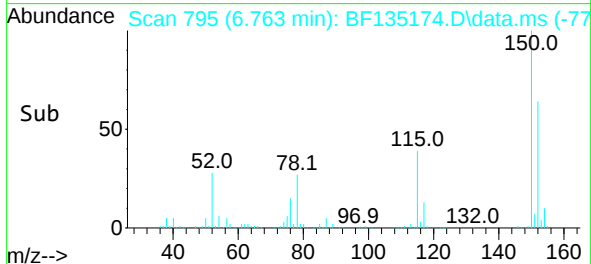
Instrument :
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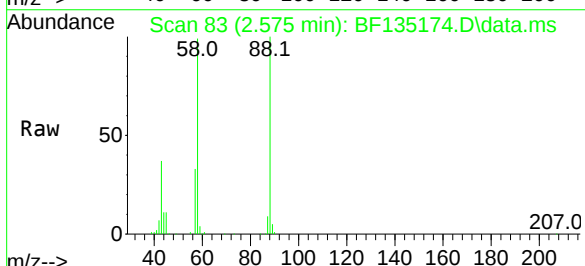
Tgt Ion: 152 Resp: 113194
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.8 191.6
 115 60.8 49.8 74.8

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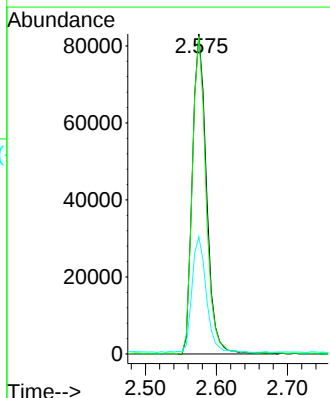
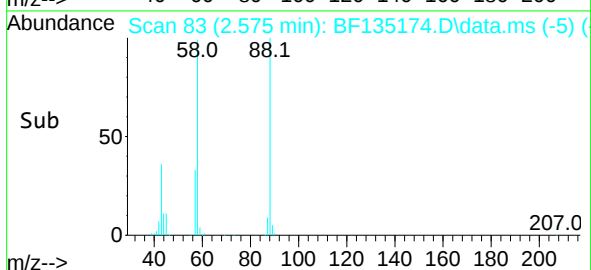
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023



#2
 1,4-Dioxane
 Concen: 37.814 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.106 min
 Lab File: BF135174.D
 Acq: 12 Sep 2023 11:00



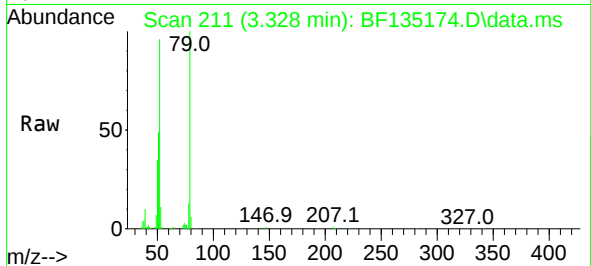
Tgt Ion: 88 Resp: 115367
 Ion Ratio Lower Upper
 88 100
 58 96.7 78.3 117.5
 43 36.9 29.4 44.0





#3
Pyridine
Concen: 36.133 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

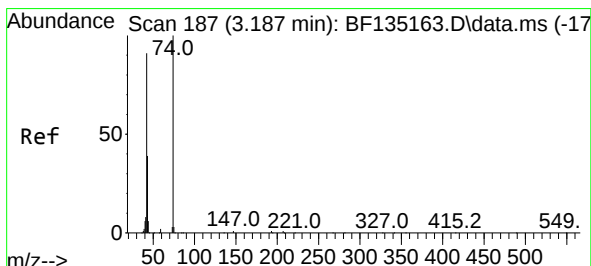
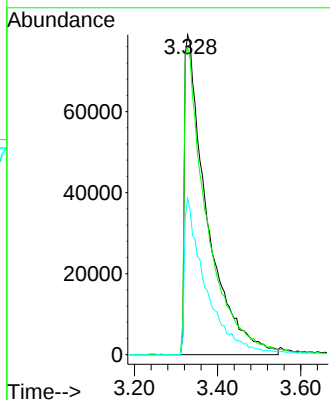
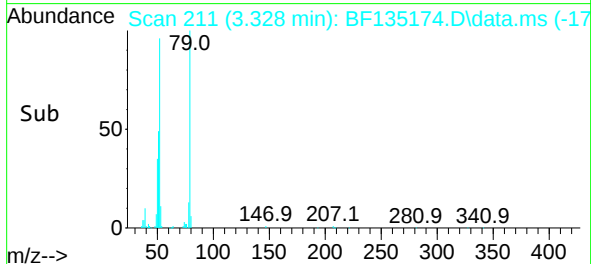
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ClientSampleId :
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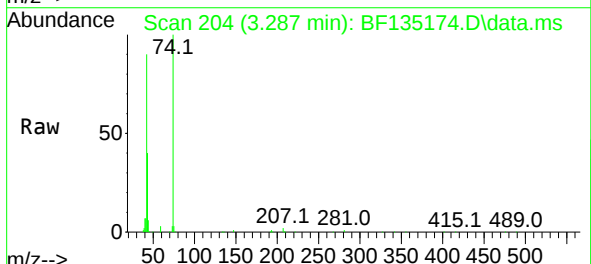
Tgt Ion: 79 Resp: 29669
Ion Ratio Lower Upper
79 100
52 95.8 74.1 111.1
51 48.9 35.8 53.8

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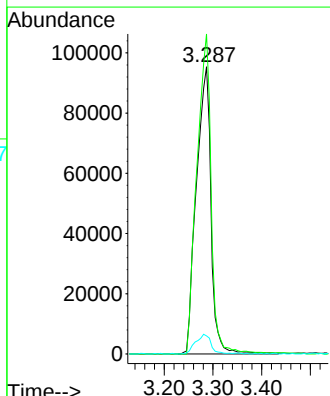
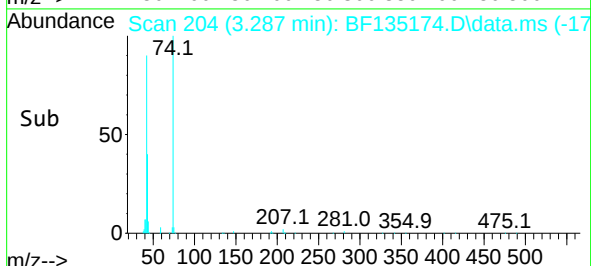
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#4
n-Nitrosodimethylamine
Concen: 45.714 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.100 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion: 42 Resp: 199191
Ion Ratio Lower Upper
42 100
74 111.4 87.7 131.5
44 6.3 5.6 8.4





#5
2-Fluorophenol
Concen: 130.174 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

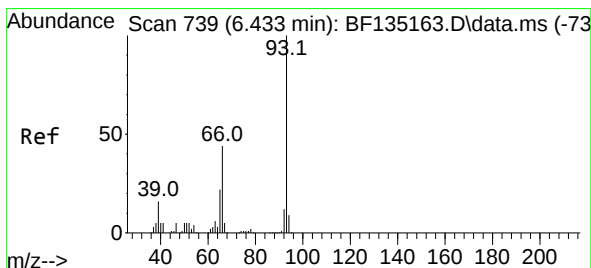
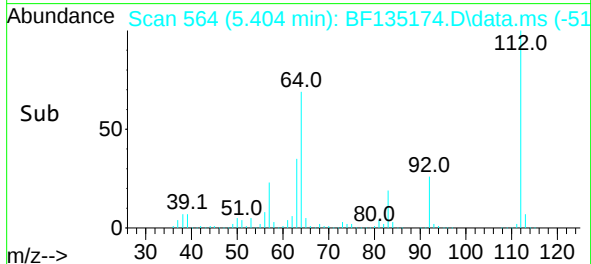
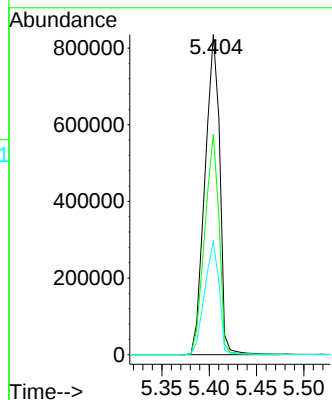
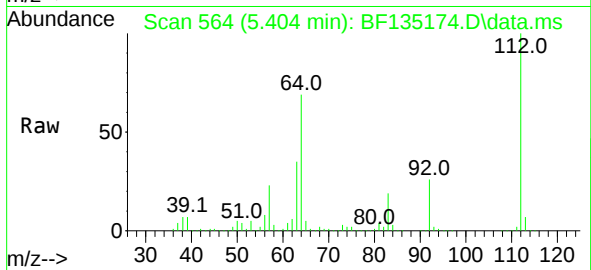
PB155440BS

Tgt Ion:112 Resp: 905956
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 35.4 29.0 43.6

Manual Integrations

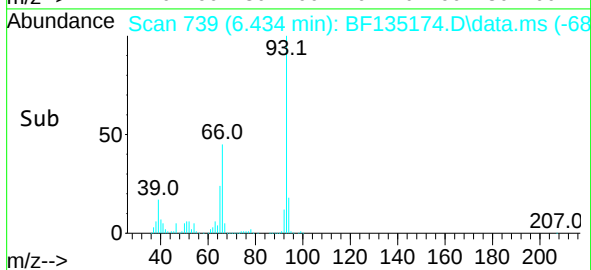
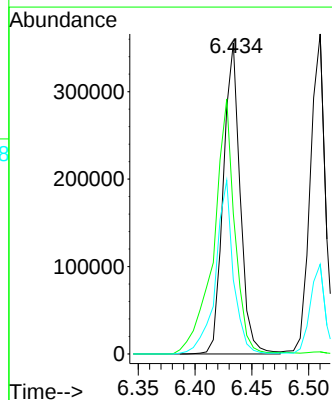
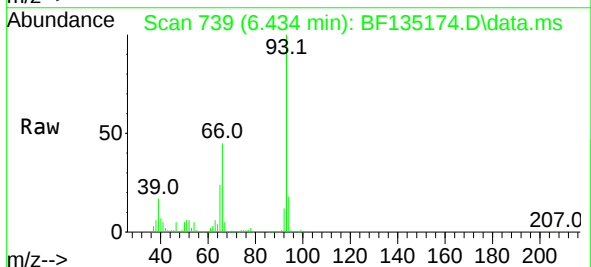
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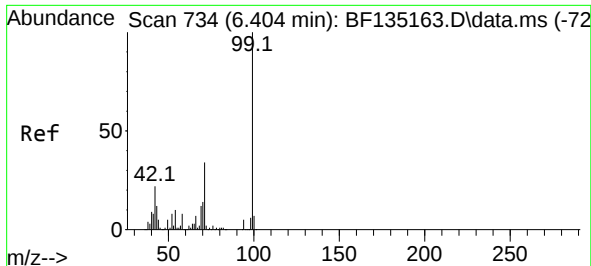
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 31.673 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

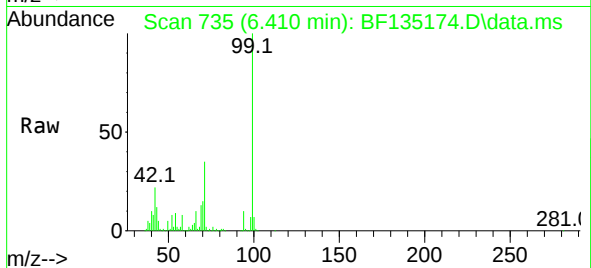
Tgt Ion: 93 Resp: 367556
Ion Ratio Lower Upper
93 100
66 45.1 35.4 53.0
65 23.8 17.8 26.8





#7
Phenol-d6
Concen: 130.719 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

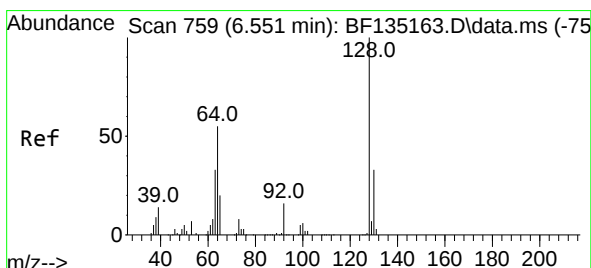
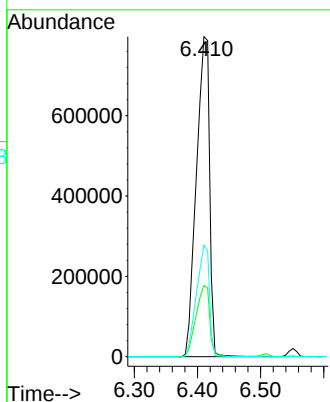
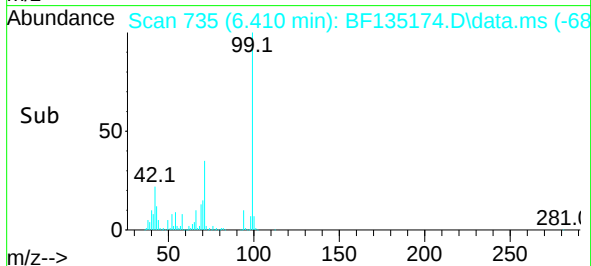
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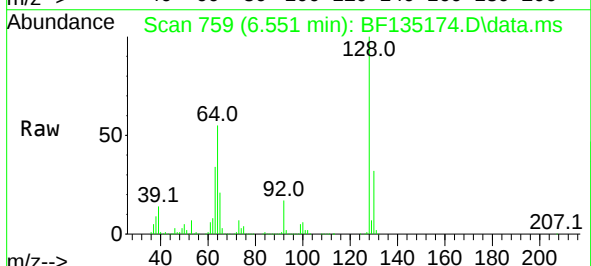
Tgt Ion: 99 Resp: 115680
Ion Ratio Lower Upper
99 100
42 22.2 17.9 26.9
71 34.8 27.0 40.6

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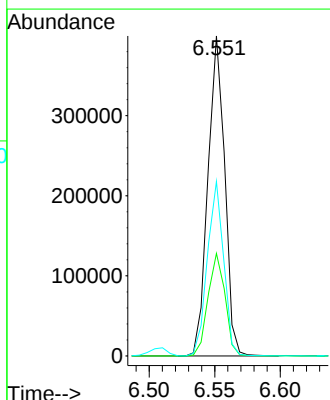
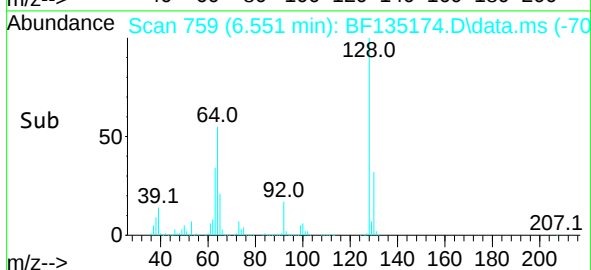
Reviewed By :Yogesh Patel 09/13/2023
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#8
2-Chlorophenol
Concen: 48.055 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



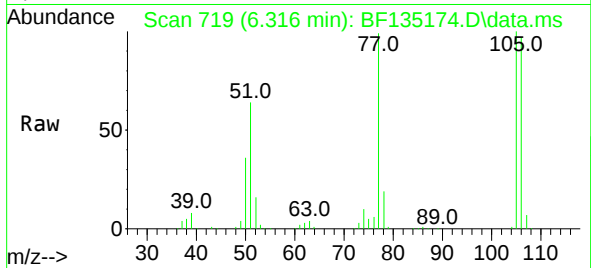
Tgt Ion:128 Resp: 357020
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 54.6 35.9 75.9





#9
Benzaldehyde
Concen: 25.618 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

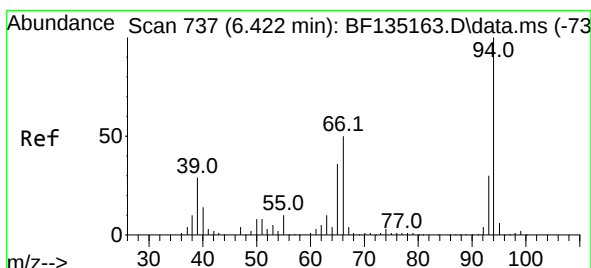
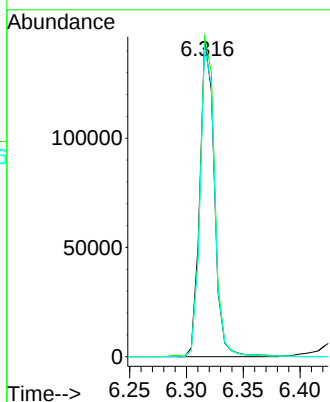
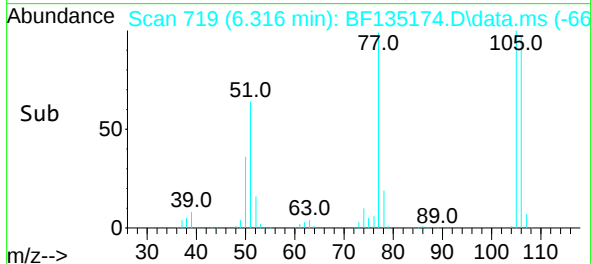
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Tgt Ion: 77 Resp: 129152
Ion Ratio Lower Upper
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106 97.8 76.9 116.9

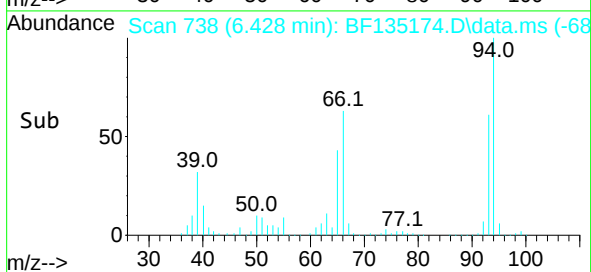
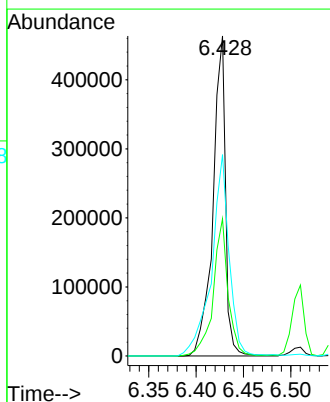
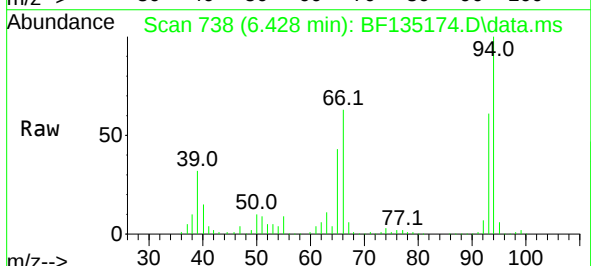
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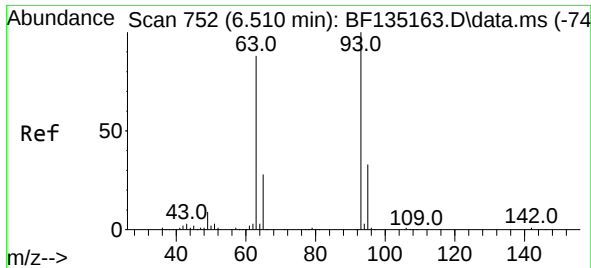
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#10
Phenol
Concen: 43.998 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

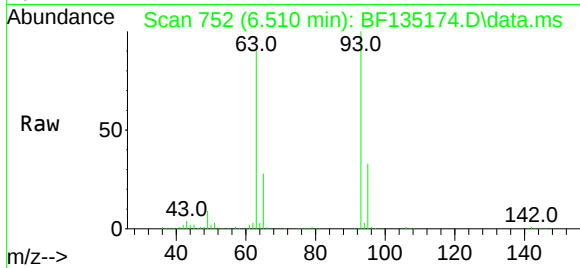
Tgt Ion: 94 Resp: 426954
Ion Ratio Lower Upper
94 100
65 42.8 15.9 55.9
66 62.9 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 45.075 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

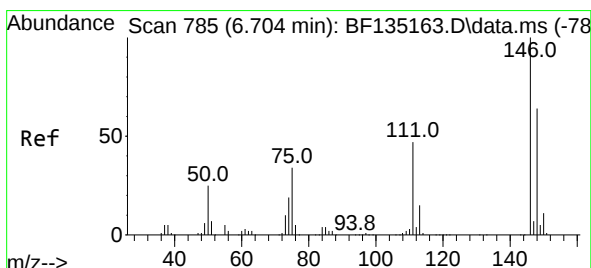
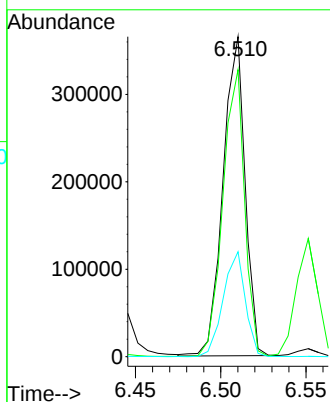
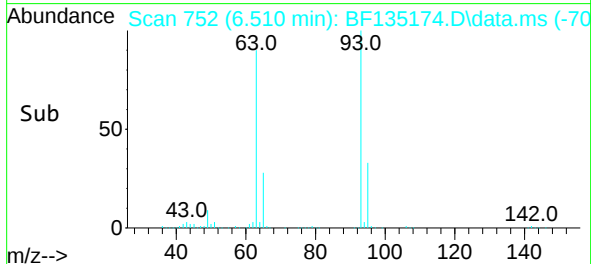
Instrument :
BNA_F
ClientSampleId :
PB155440BS



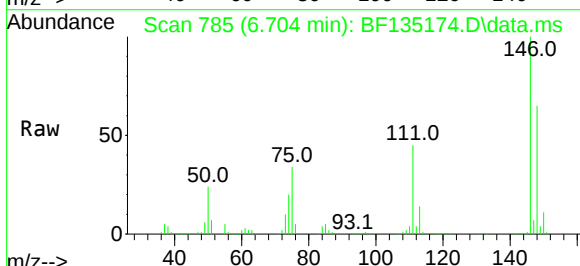
Tgt Ion: 93 Resp: 328100
Ion Ratio Lower Upper
93 100
63 89.7 67.3 107.3
95 32.8 12.7 52.7

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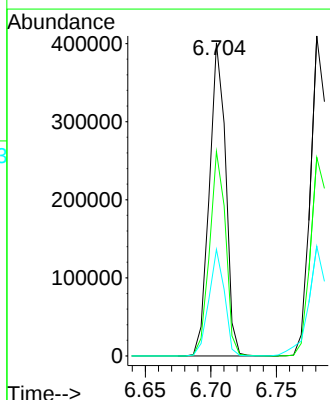
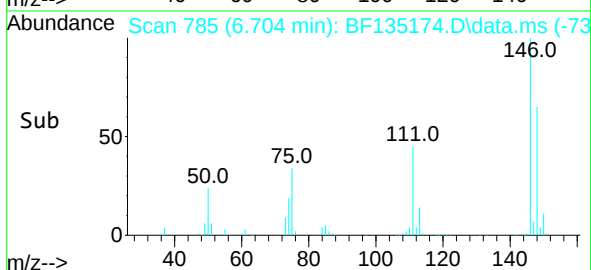
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

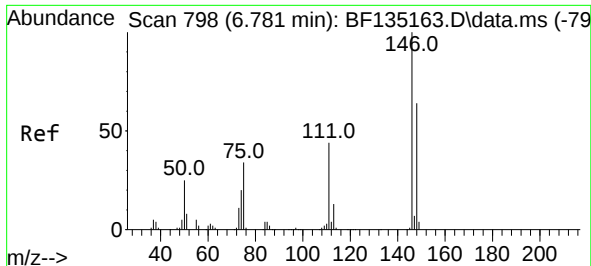


#12
1,3-Dichlorobenzene
Concen: 46.034 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:146 Resp: 347576
Ion Ratio Lower Upper
146 100
148 65.3 51.3 76.9
75 34.1 27.4 41.2





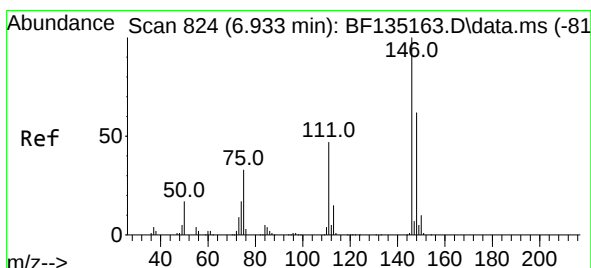
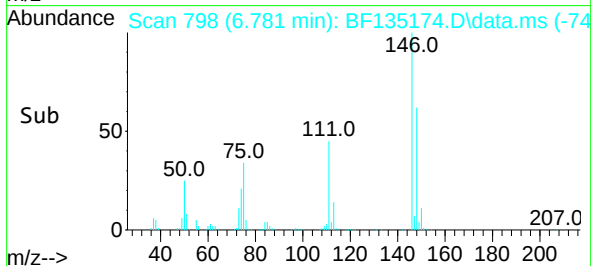
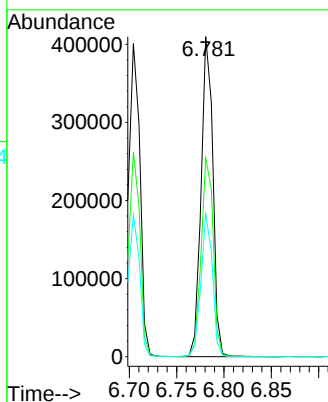
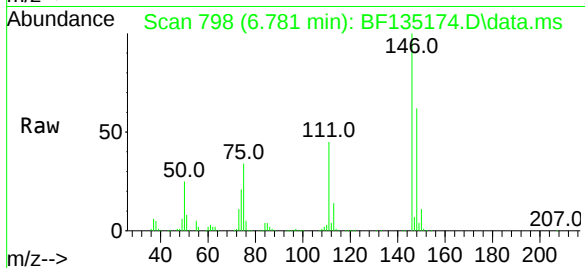
#13
1,4-Dichlorobenzene
Concen: 45.908 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :
BNA_F
ClientSampleId :
PB155440BS

Tgt Ion:146 Resp: 352658
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
111 44.6 35.1 52.7

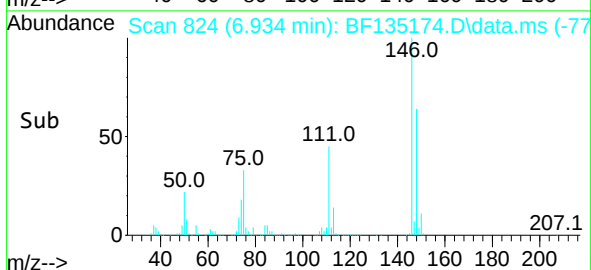
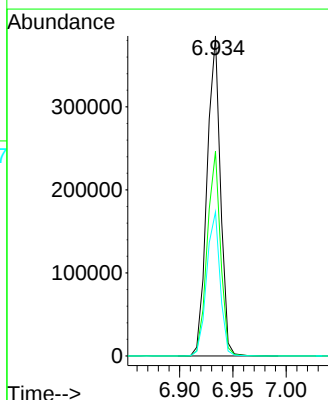
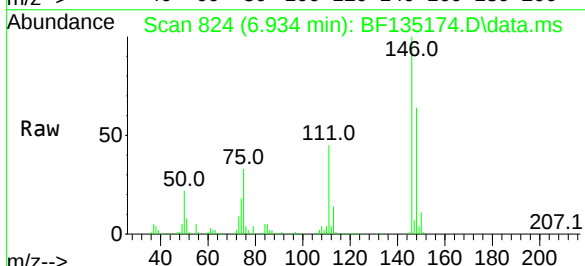
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 47.302 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

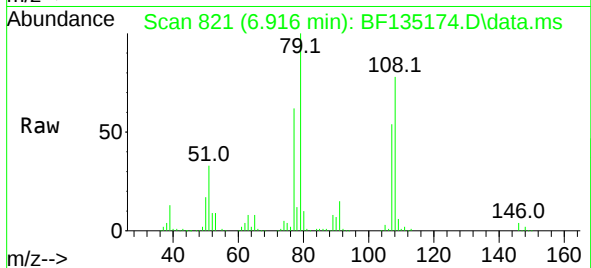
Tgt Ion:146 Resp: 337442
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 45.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.550 ng
RT: 6.916 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

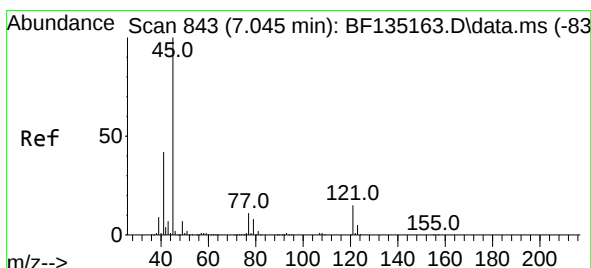
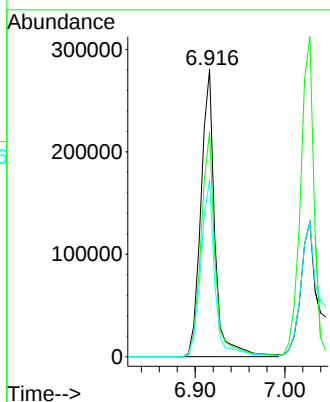
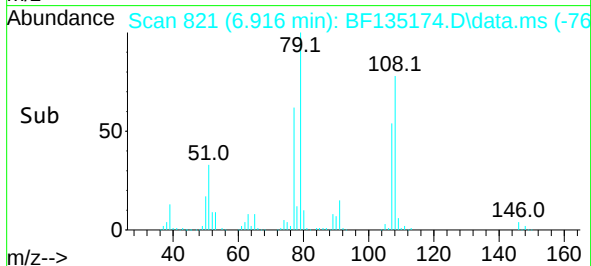
Instrument :
BNA_F
ClientSampleId :
PB155440BS



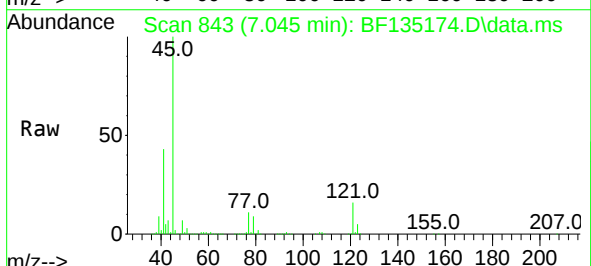
Tgt Ion: 79 Resp: 301958
Ion Ratio Lower Upper
79 100
108 78.3 61.2 91.8
77 61.7 50.5 75.7

Manual Integrations
APPROVED

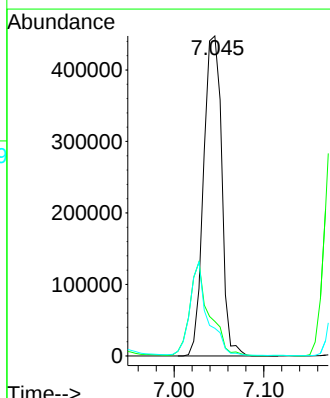
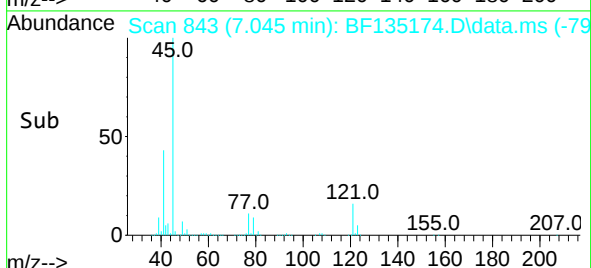
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

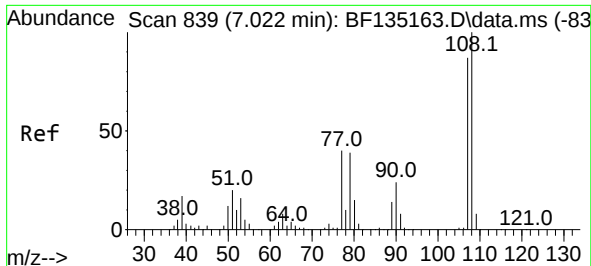


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.613 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion: 45 Resp: 625822
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.6
79 8.6 0.0 28.3





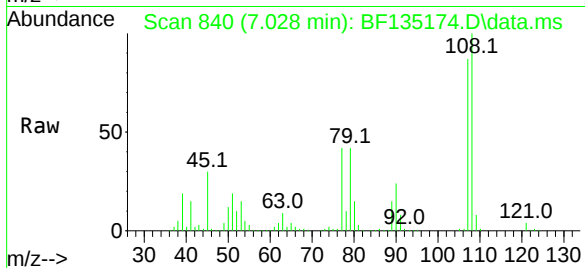
#17
2-Methylphenol
Concen: 42.780 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

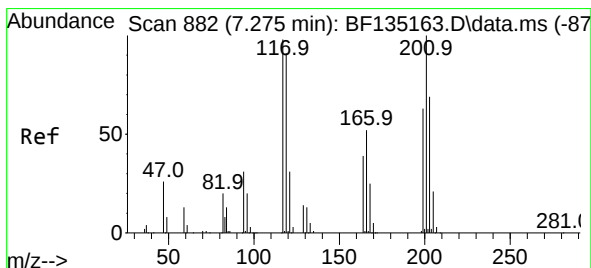
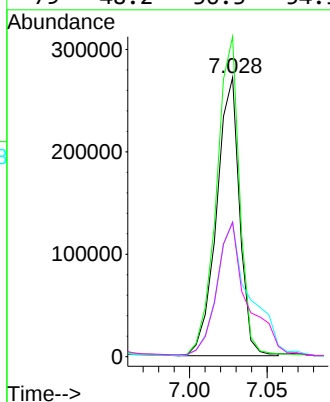
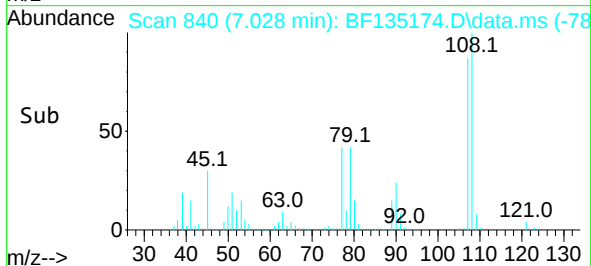


Tgt Ion:107 Resp: 280470
Ion Ratio Lower Upper
107 100
108 114.6 92.0 138.0
77 48.2 36.7 55.1
79 48.2 36.3 54.5

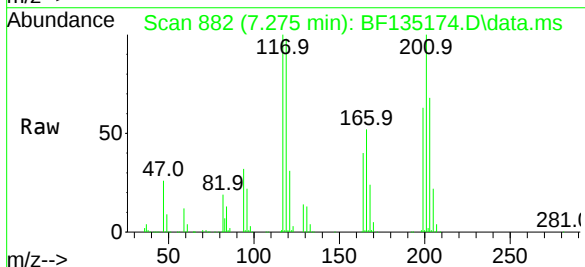
Manual Integrations

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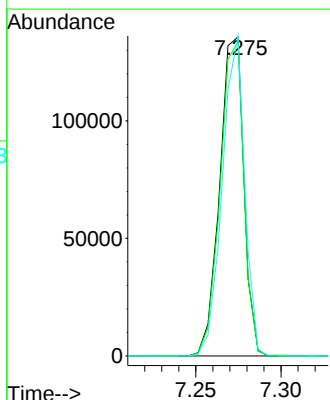
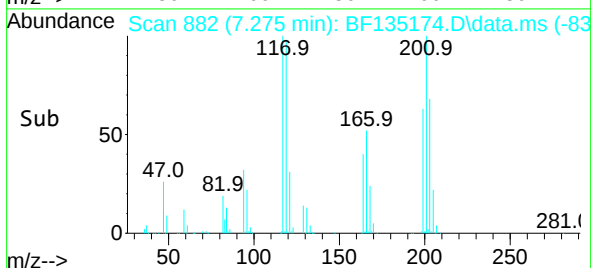
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

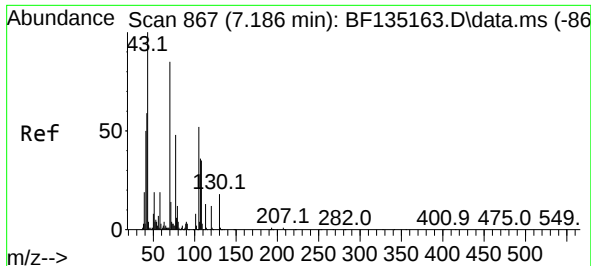


#18
Hexachloroethane
Concen: 47.015 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:117 Resp: 133447
Ion Ratio Lower Upper
117 100
119 98.5 74.7 112.1
201 100.3 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.049 ng

RT: 7.187 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135174.D

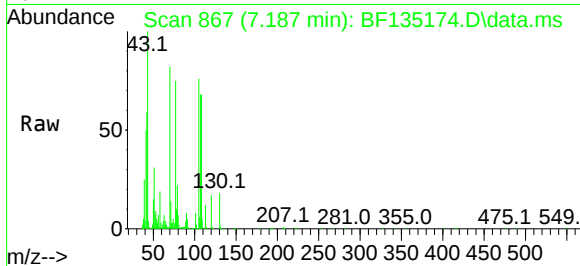
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS



Tgt Ion: 70 Resp: 235968

Ion Ratio Lower Upper

70 100

42 71.6 55.4 83.0

101 9.4 7.7 11.5

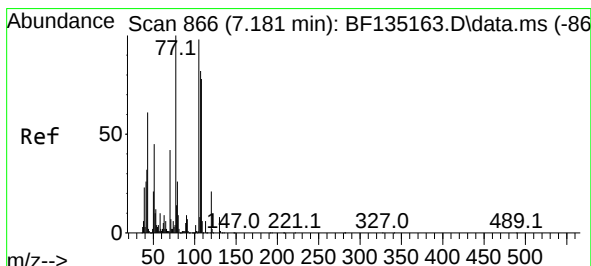
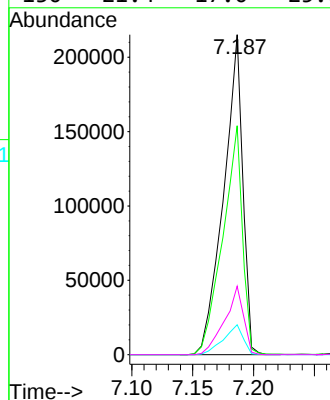
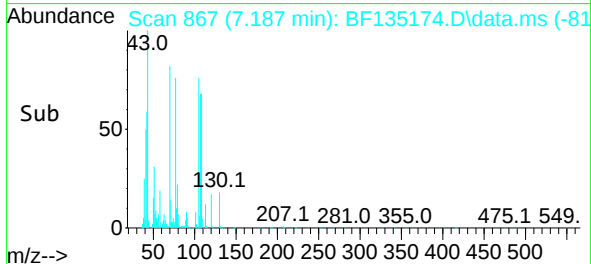
130 21.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#20

3+4-Methylphenols

Concen: 42.102 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Tgt Ion:107 Resp: 331909

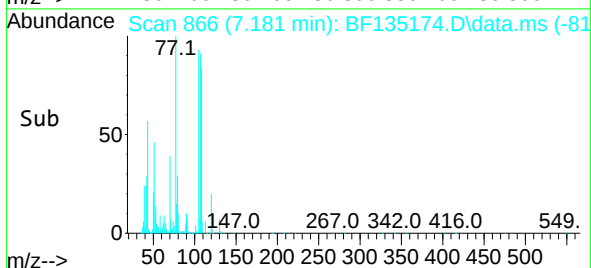
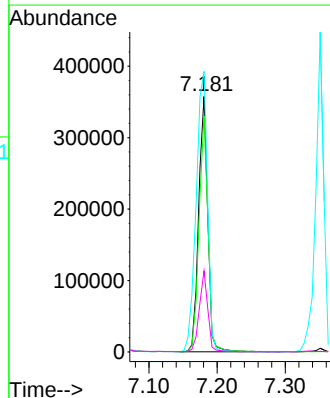
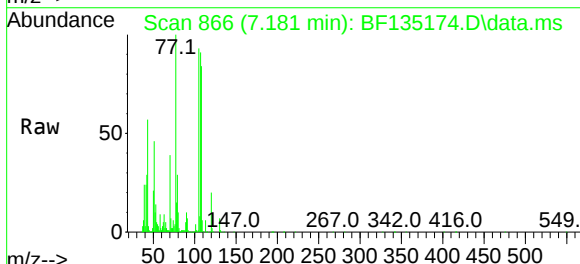
Ion Ratio Lower Upper

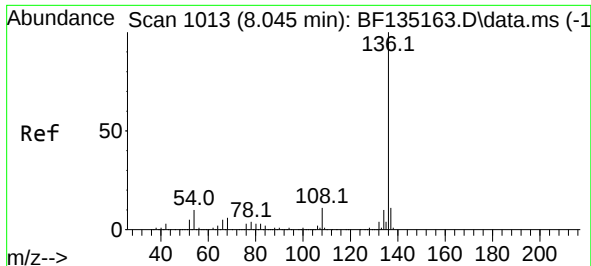
107 100

108 92.3 74.7 114.7

77 109.8 102.0 142.0

79 31.7 11.7 51.7





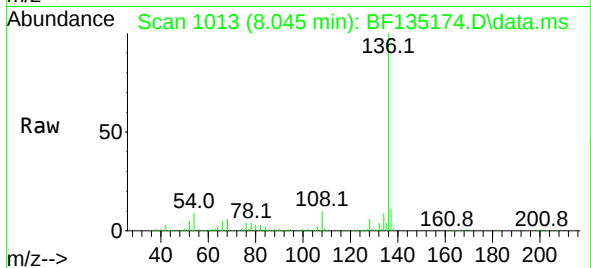
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

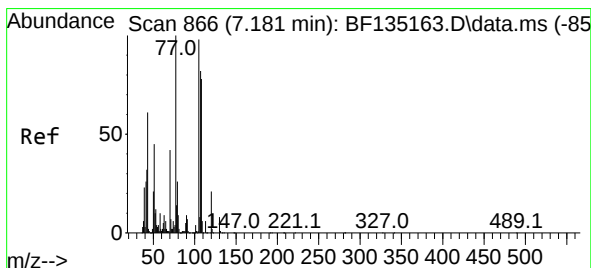
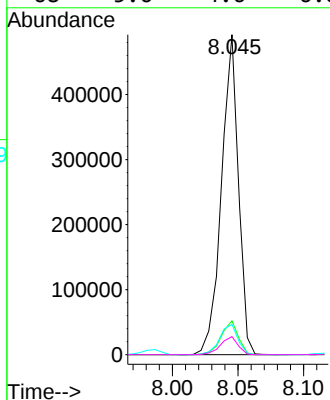
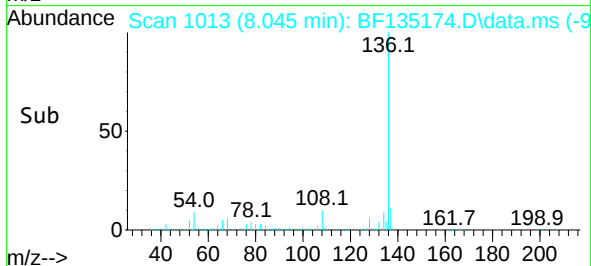


Tgt Ion:136 Resp: 44084
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.5 7.7 11.5
68 5.6 4.6 6.8

Manual Integrations

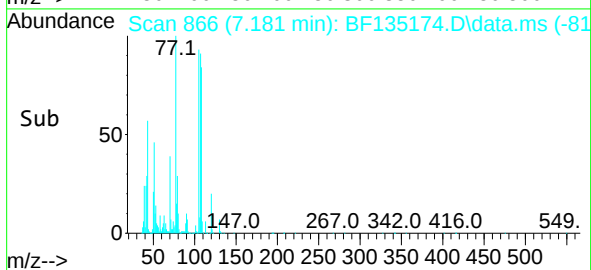
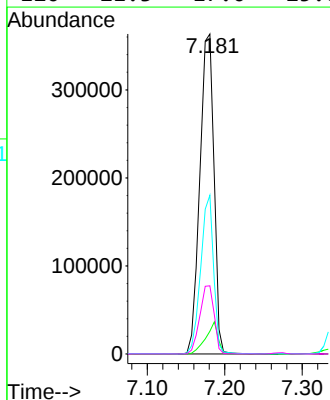
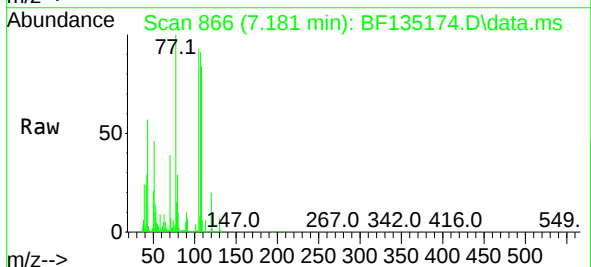
APPROVED

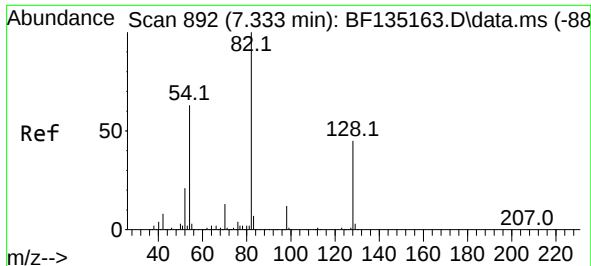
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 45.635 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:105 Resp: 459949
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 49.6 37.0 55.4
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.125 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion: 82 Resp: 73940

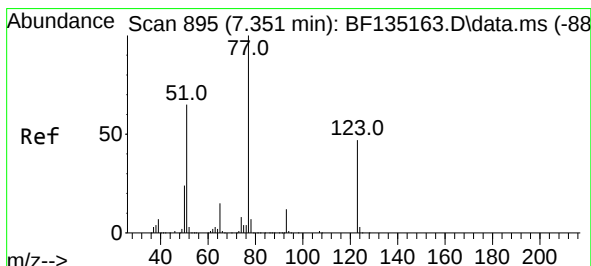
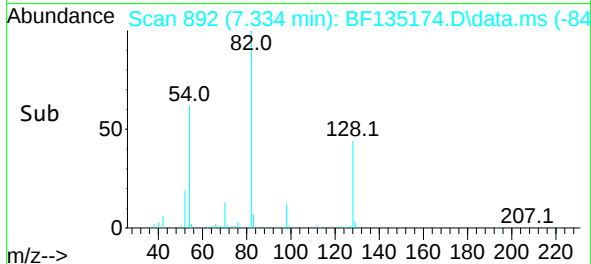
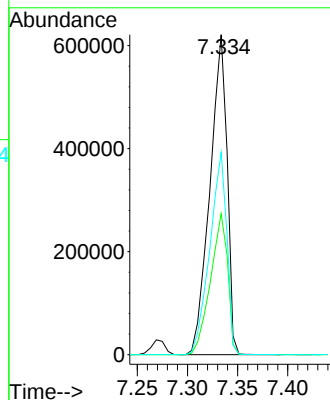
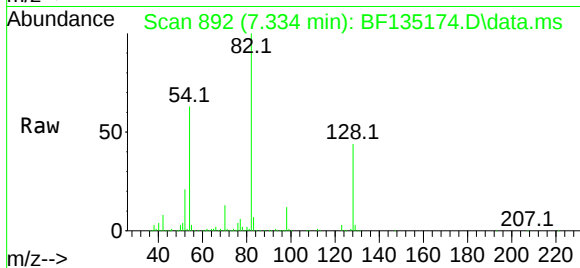
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.6
54	63.2	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#24

Nitrobenzene

Concen: 45.513 ng

RT: 7.351 min Scan# 895

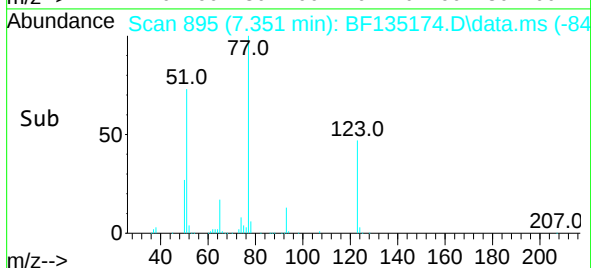
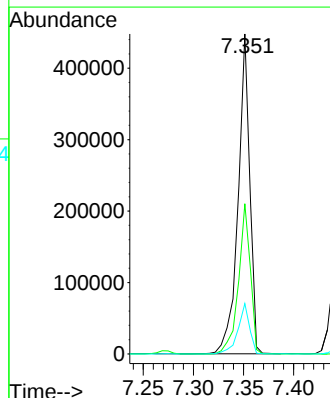
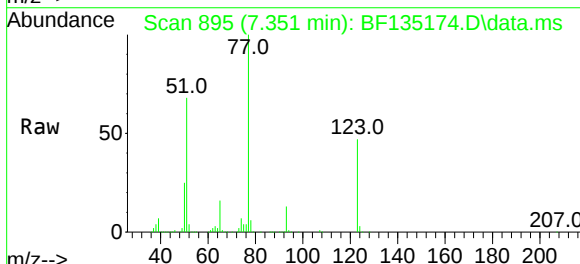
Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Tgt Ion: 77 Resp: 365015

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.6	56.4
65	15.8	12.2	18.4





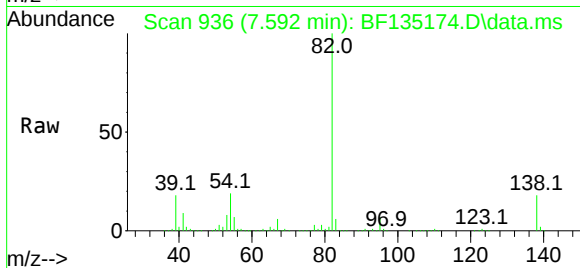
#25
Isophorone
Concen: 45.670 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

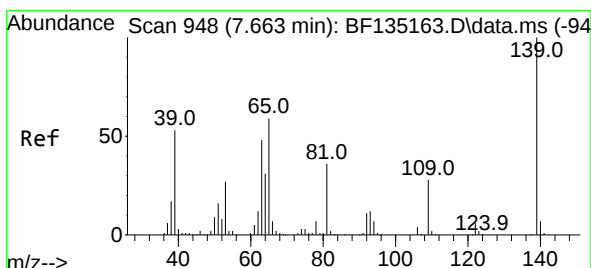
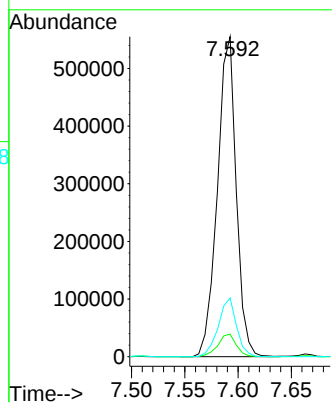


Tgt Ion: 82 Resp: 68048
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.3 14.5 21.7

Manual Integrations

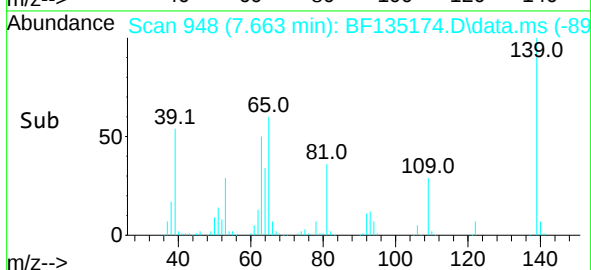
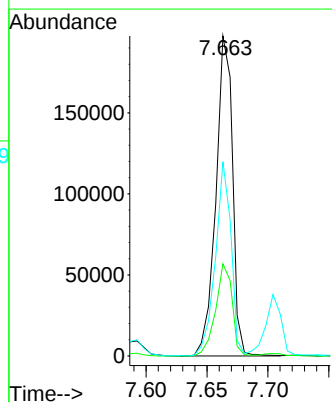
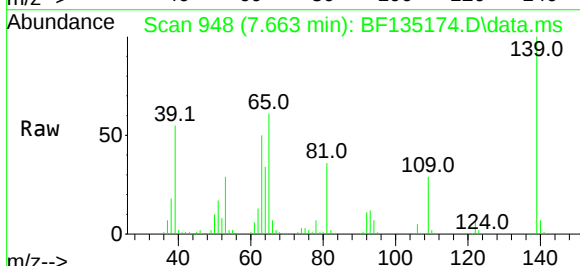
APPROVED

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



#26
2-Nitrophenol
Concen: 48.791 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:139 Resp: 187806
Ion Ratio Lower Upper
139 100
109 28.8 22.6 33.8
65 60.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.236 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135174.D

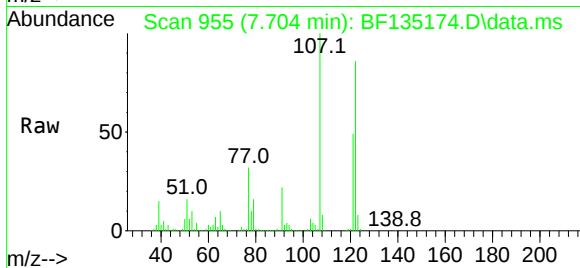
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS



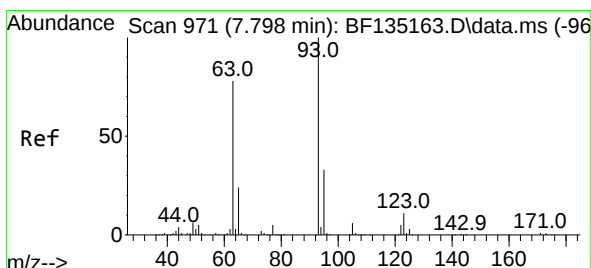
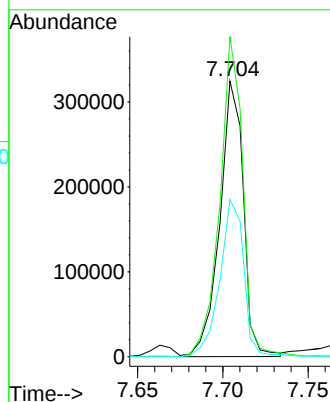
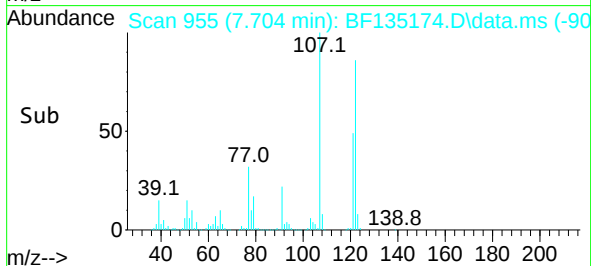
Tgt Ion:	122	Resp:	312092
Ion	Ratio	Lower	Upper
122	100		
107	116.2	90.2	135.4
121	57.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.595 ng

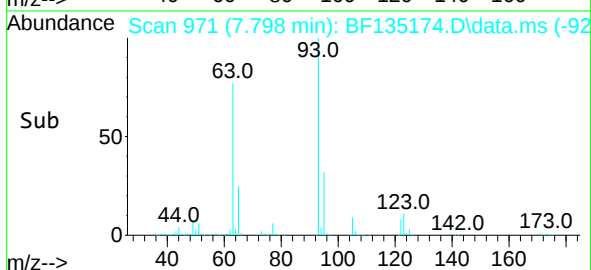
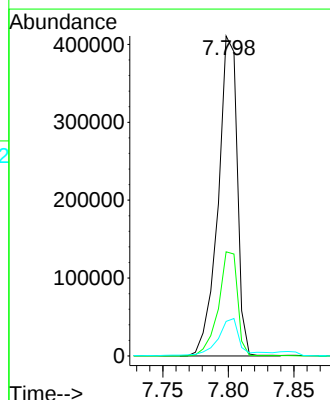
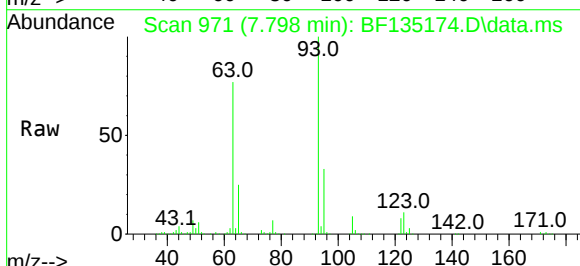
RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Tgt Ion:	93	Resp:	415539
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	10.8	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 47.617 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135174.D

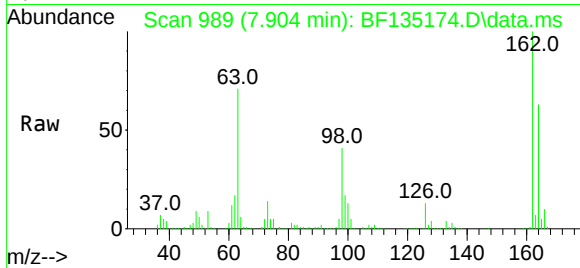
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS



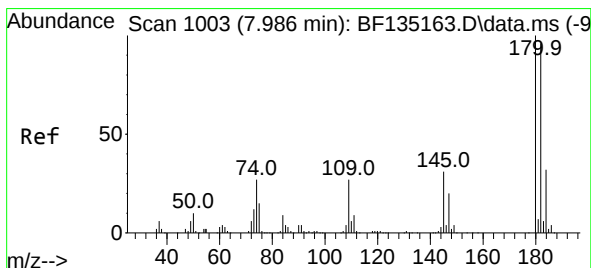
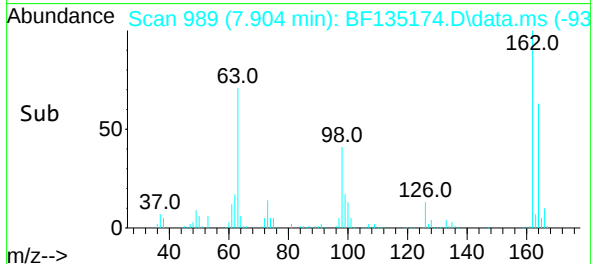
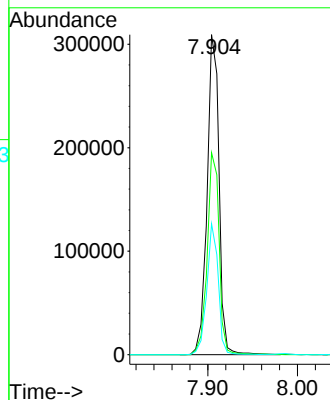
Tgt Ion:	162	Resp:	285478
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.1	84.1
98	40.9	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.526 ng

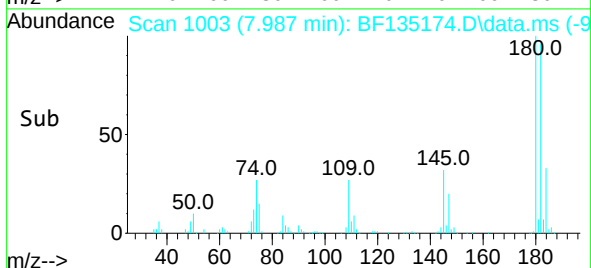
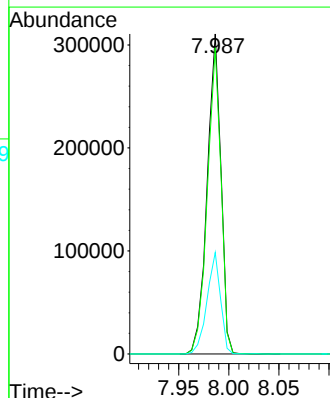
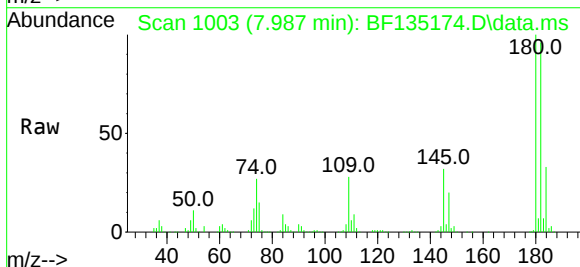
RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

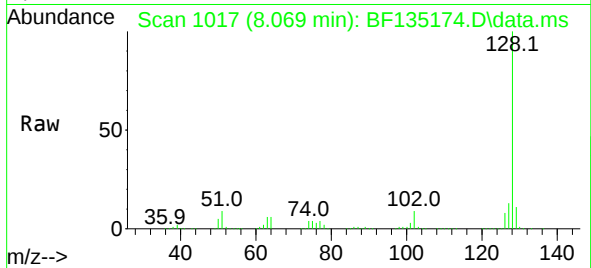
Tgt Ion:	180	Resp:	297818
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.9	115.3
145	31.7	24.5	36.7





#31
Naphthalene
Concen: 46.040 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

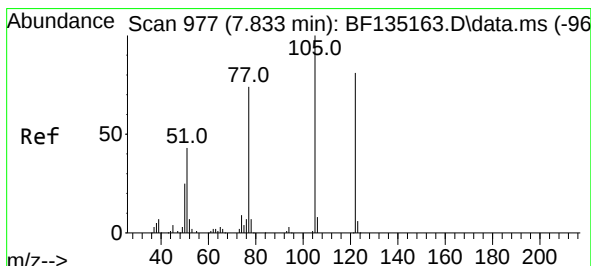
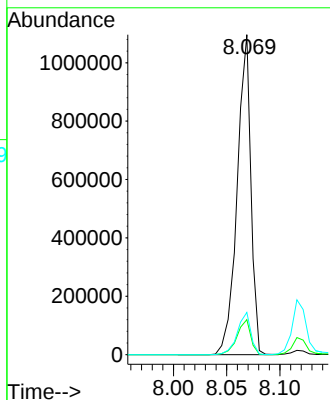
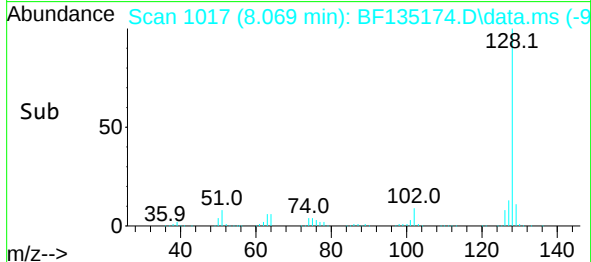
Instrument :
BNA_F
ClientSampleId :
PB155440BS



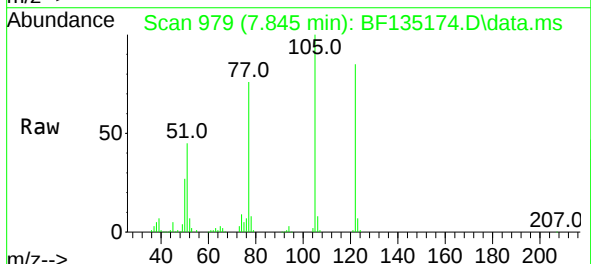
Tgt Ion:128 Resp: 986134
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.7 16.1

Manual Integrations
APPROVED

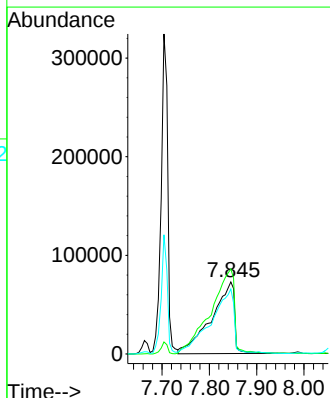
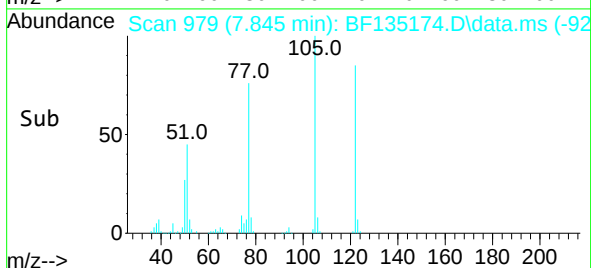
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#32
Benzoic acid
Concen: 50.655 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:122 Resp: 246793
Ion Ratio Lower Upper
122 100
105 117.9 99.9 139.9
77 90.2 70.0 110.0





#33
4-Chloroaniline
Concen: 19.486 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

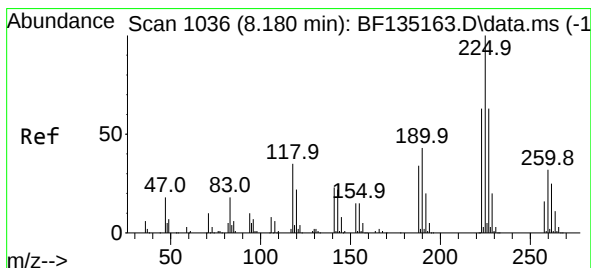
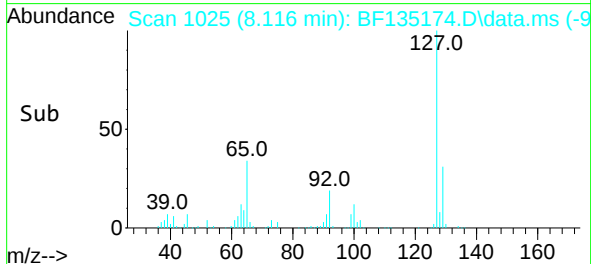
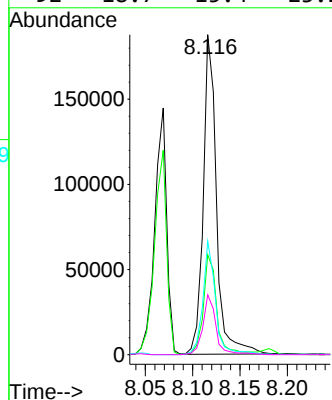
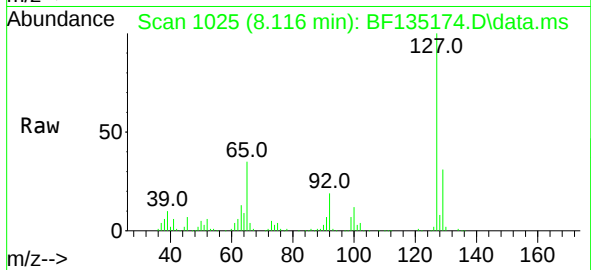
PB155440BS

Tgt Ion:127 Resp: 183119
Ion Ratio Lower Upper
127 100
129 31.2 25.8 38.8
65 35.5 26.6 39.8
92 18.7 15.4 23.2

Manual Integrations

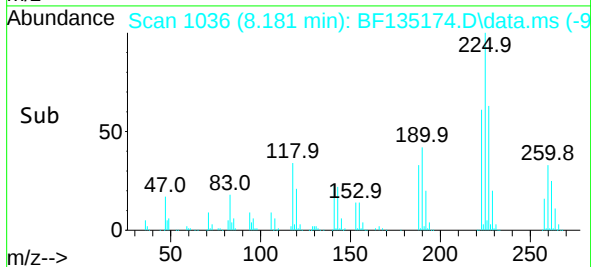
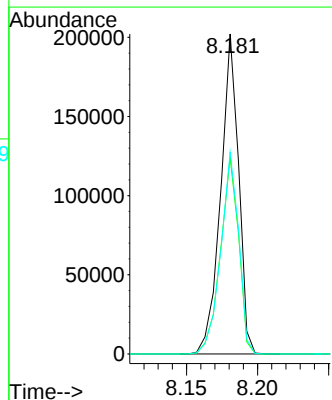
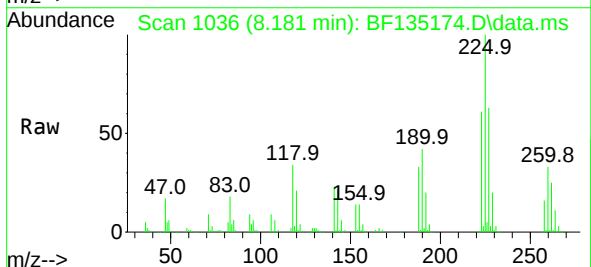
APPROVED

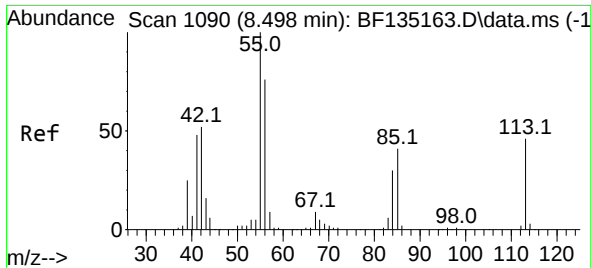
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#34
Hexachlorobutadiene
Concen: 46.724 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

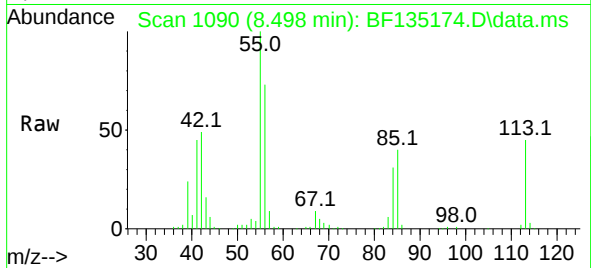
Tgt Ion:225 Resp: 176549
Ion Ratio Lower Upper
225 100
223 61.4 50.6 75.8
227 63.1 50.8 76.2





#35
 Caprolactam
 Concen: 49.284 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135174.D
 Acq: 12 Sep 2023 11:00

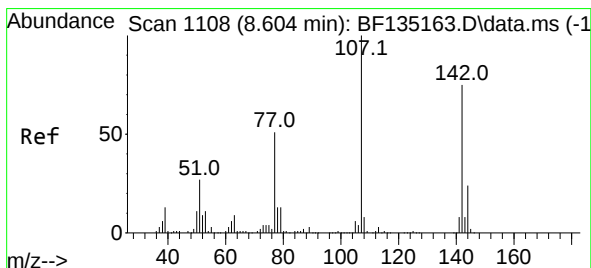
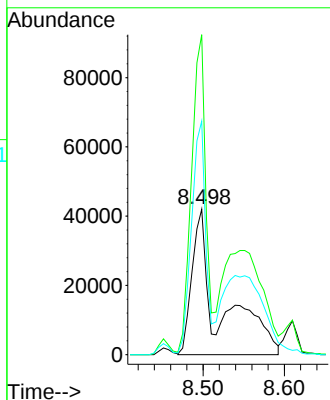
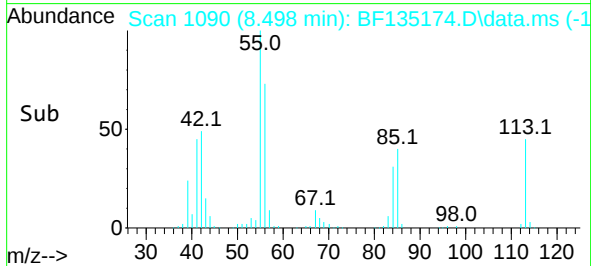
Instrument :
 BNA_F
 ClientSampleId :
 PB155440BS



Tgt Ion:113 Resp: 9916
 Ion Ratio Lower Upper
 113 100
 55 219.9 199.3 239.3
 56 160.5 146.3 186.3

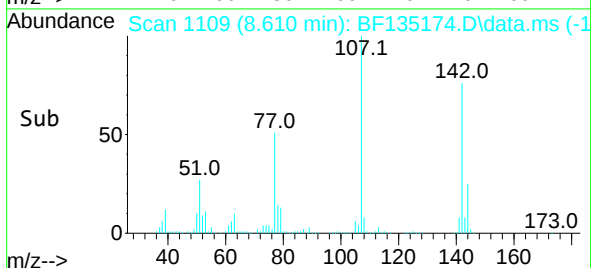
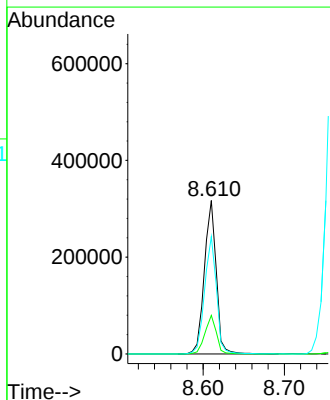
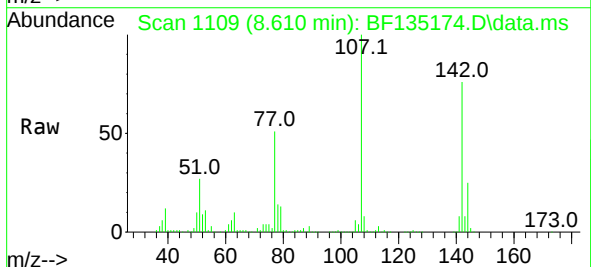
Manual Integrations
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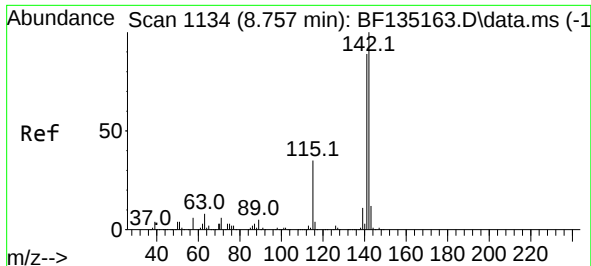
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.230 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135174.D
 Acq: 12 Sep 2023 11:00

Tgt Ion:107 Resp: 321367
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.4
 142 76.5 60.2 90.2





#37
2-Methylnaphthalene
Concen: 44.150 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

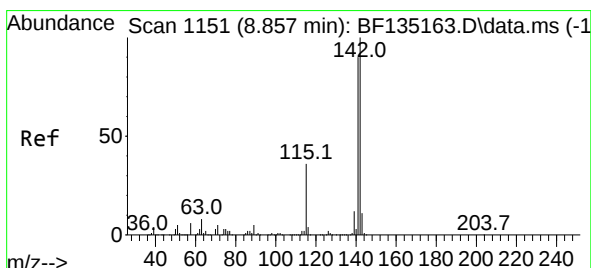
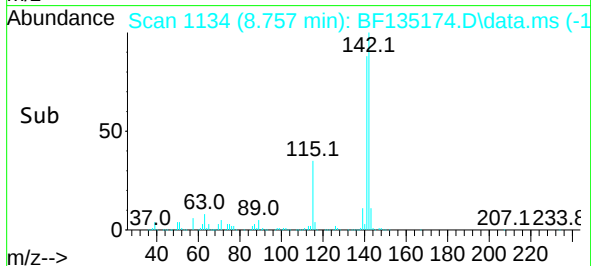
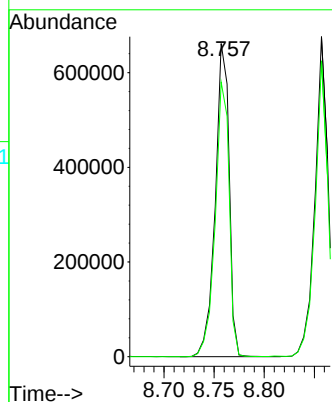
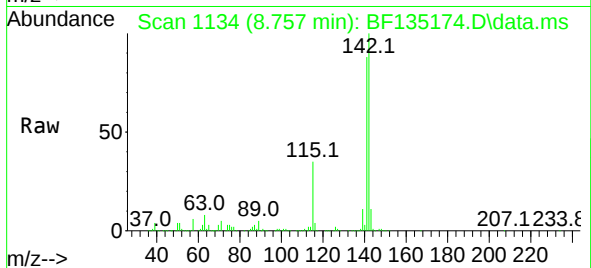
PB155440BS

Tgt Ion:142 Resp: 635672
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6

Manual Integrations

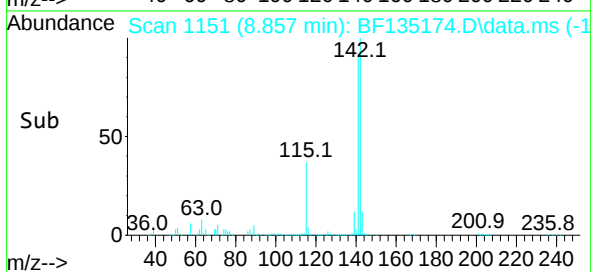
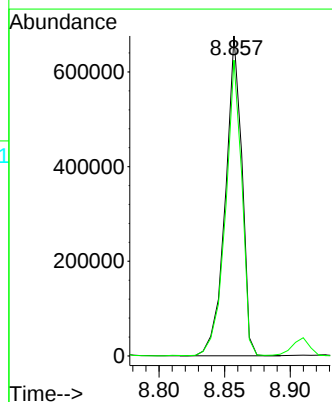
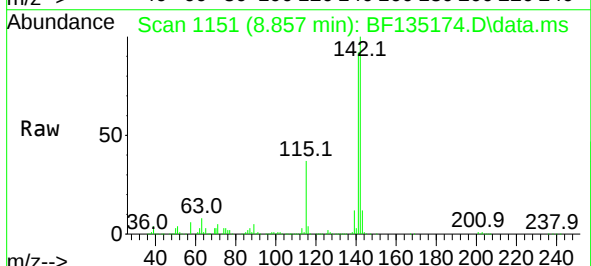
APPROVED

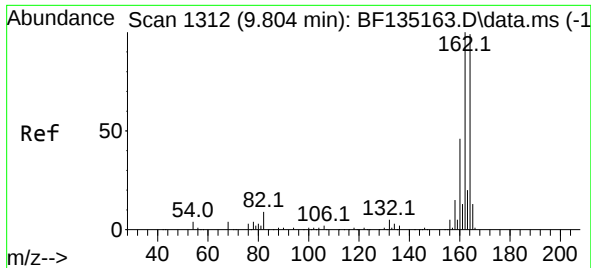
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#38
1-Methylnaphthalene
Concen: 43.792 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:142 Resp: 590303
Ion Ratio Lower Upper
142 100
141 92.5 72.4 108.6





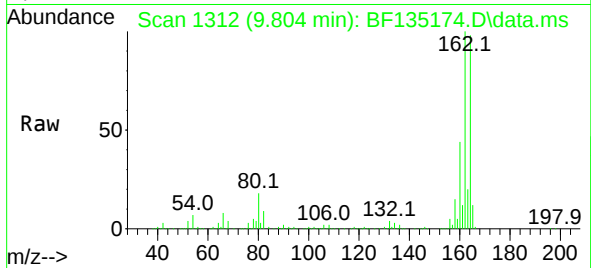
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

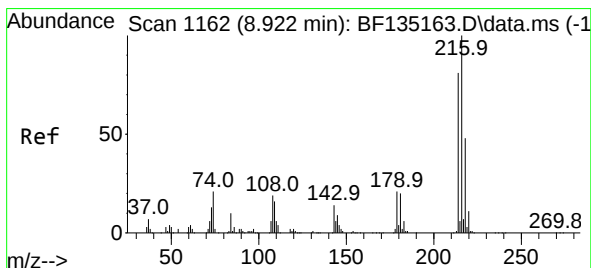
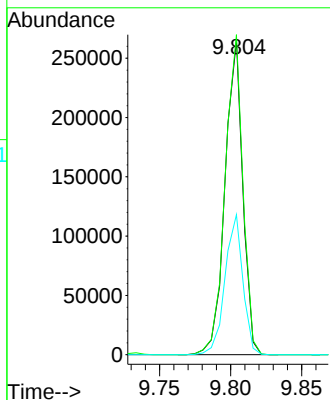
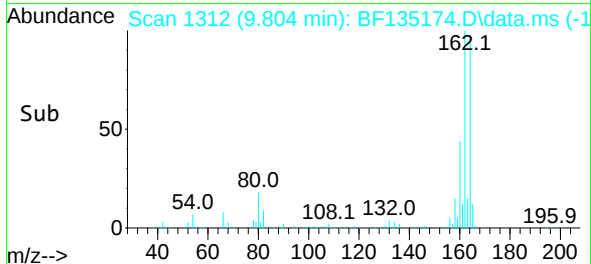
PB155440BS



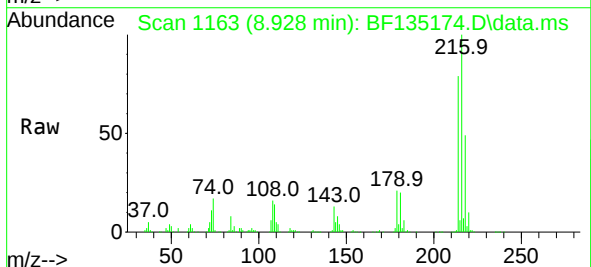
Tgt Ion:164 Resp: 229554
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.5 37.0 55.4

Manual Integrations
APPROVED

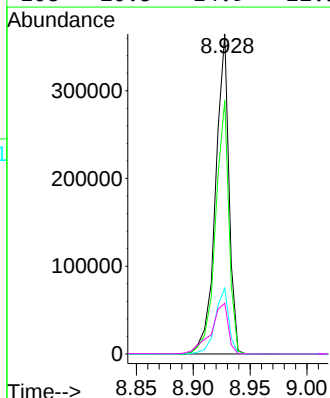
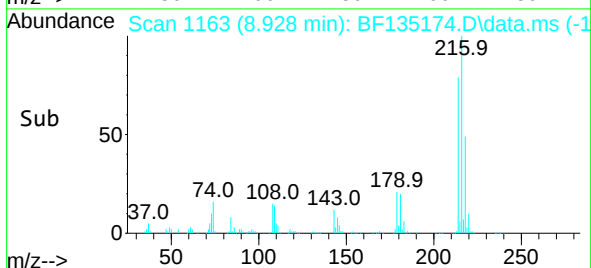
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.119 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:216 Resp: 300058
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.6 16.7 25.1
108 20.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 95.626 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

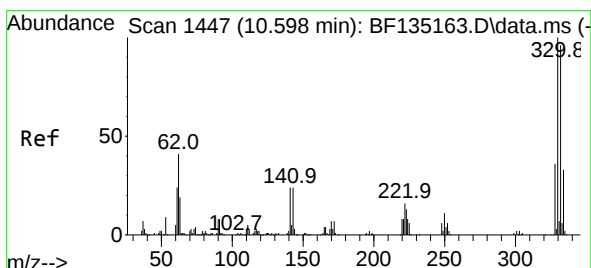
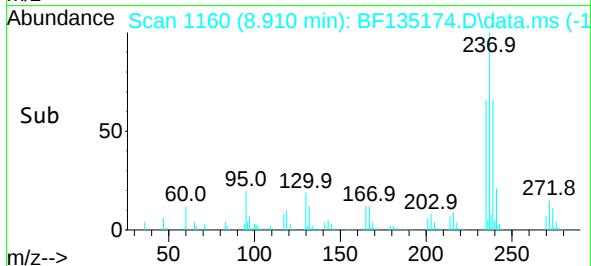
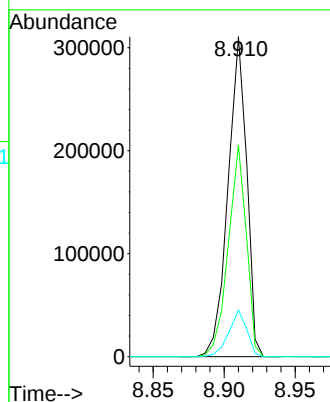
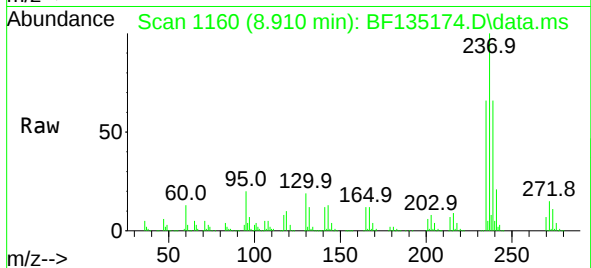
PB155440BS

Tgt Ion:237 Resp: 284874
Ion Ratio Lower Upper
237 100
235 66.1 41.8 81.8
272 14.6 0.0 33.6

Manual Integrations

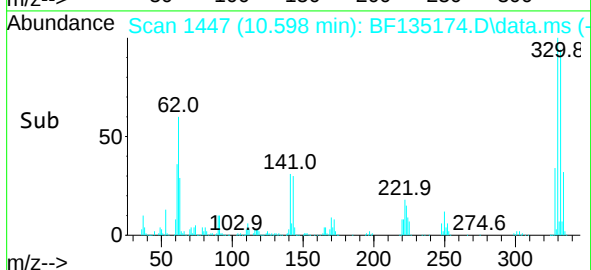
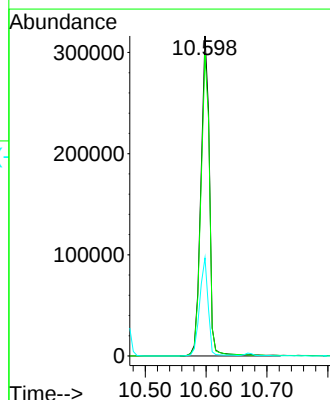
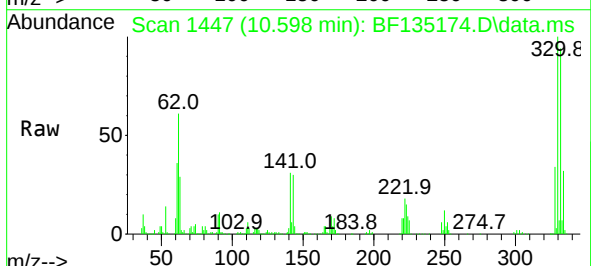
APPROVED

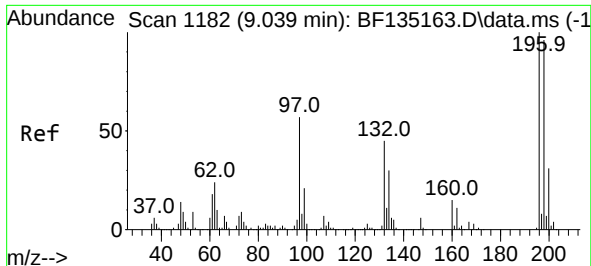
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#42
2,4,6-Tribromophenol
Concen: 135.498 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

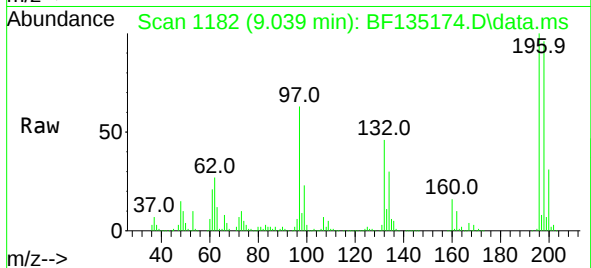
Tgt Ion:330 Resp: 309099
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 30.4 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 46.706 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

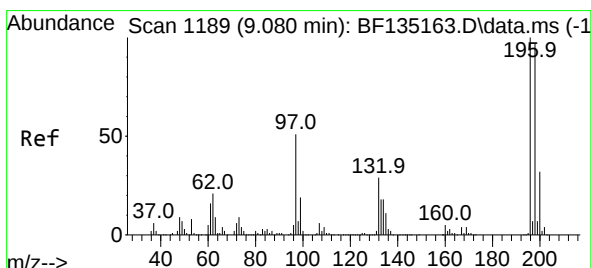
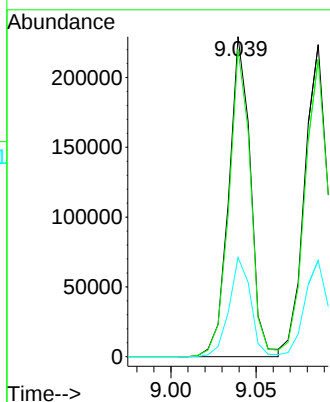
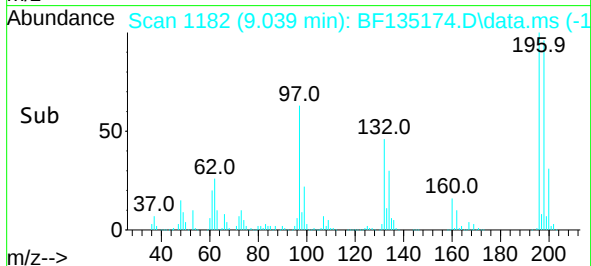
Instrument :
BNA_F
ClientSampleId :
PB155440BS



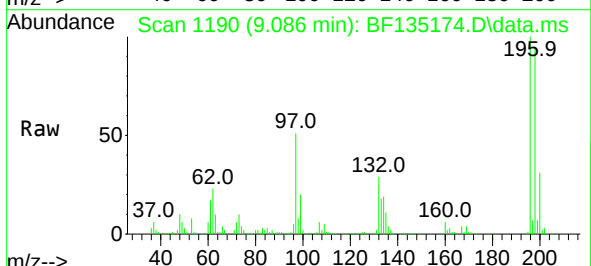
Tgt Ion:196 Resp: 203370
Ion Ratio Lower Upper
196 100
198 96.0 77.0 115.6
200 31.0 24.5 36.7

Manual Integrations
APPROVED

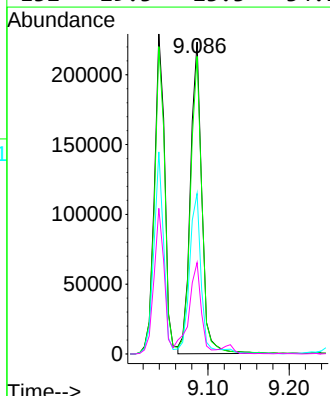
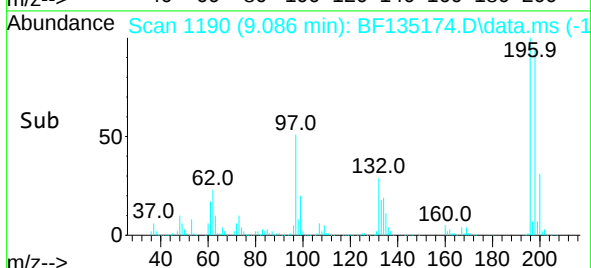
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

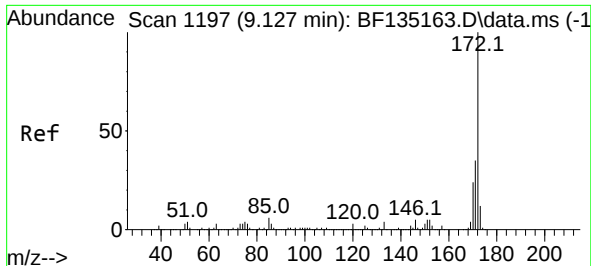


#44
2,4,5-Trichlorophenol
Concen: 43.713 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:196 Resp: 219197
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 51.4 40.5 60.7
132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 85.088 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion:172 Resp: 1294619

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

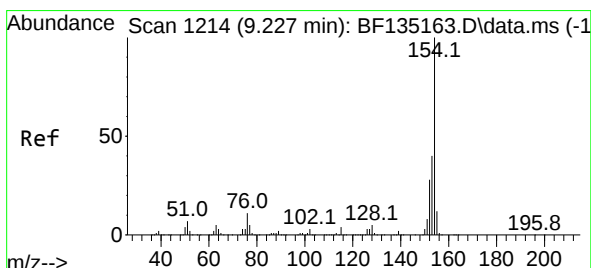
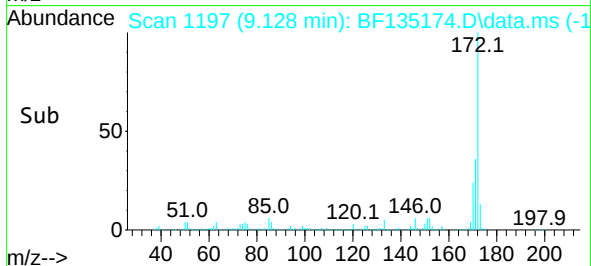
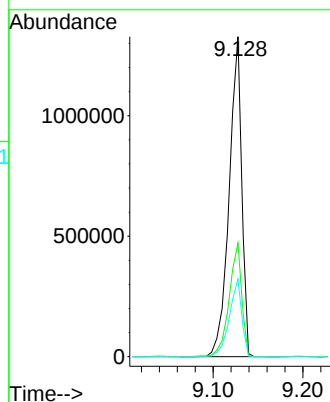
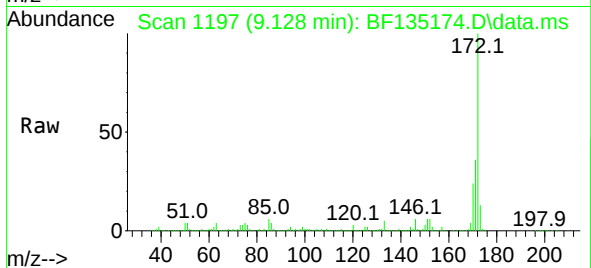
170 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#46

1,1'-Biphenyl

Concen: 44.930 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

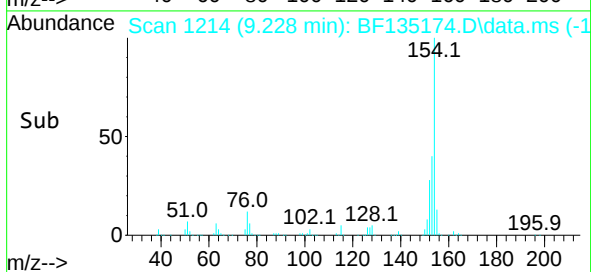
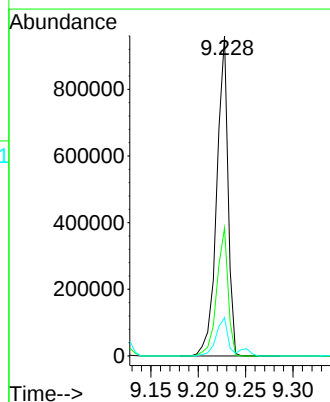
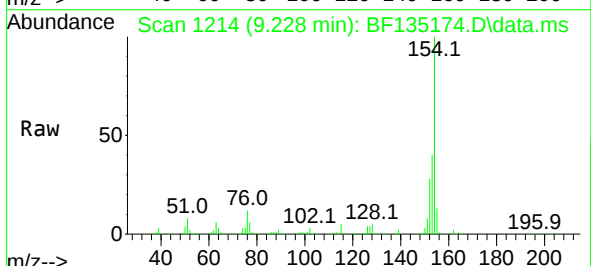
Tgt Ion:154 Resp: 792613

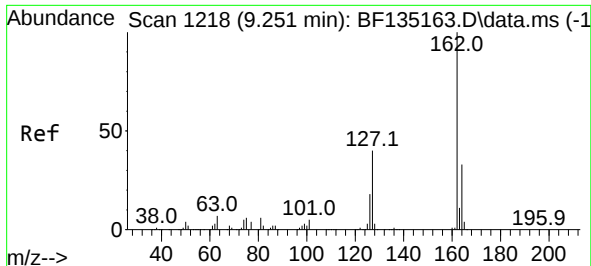
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.831 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

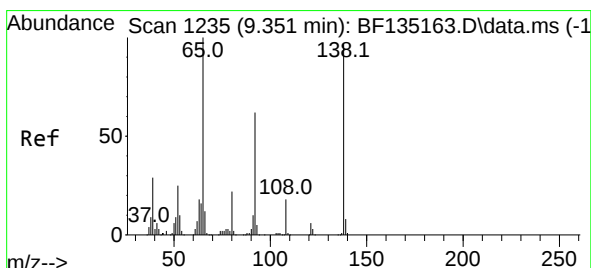
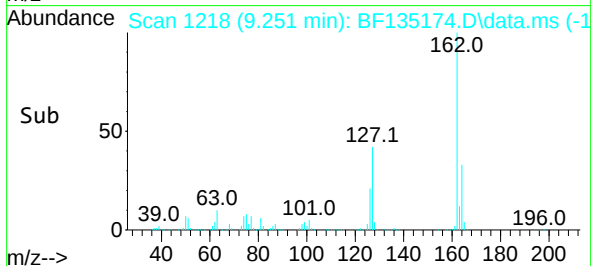
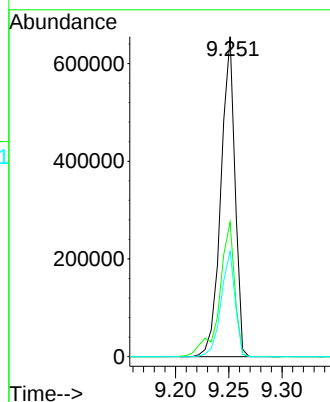
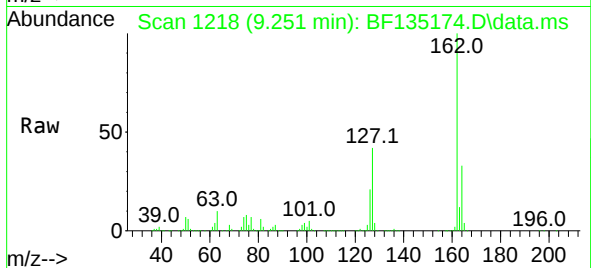
PB155440BS

Tgt Ion:162 Resp: 599418
 Ion Ratio Lower Upper
 162 100
 127 42.0 32.6 48.8
 164 33.0 26.2 39.2

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 45.623 ng

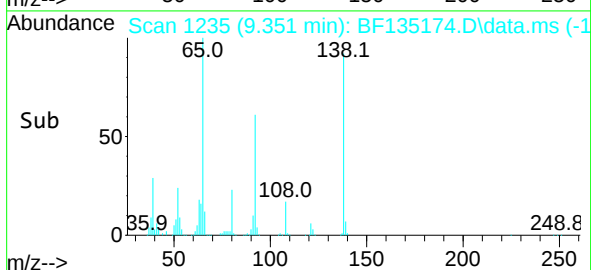
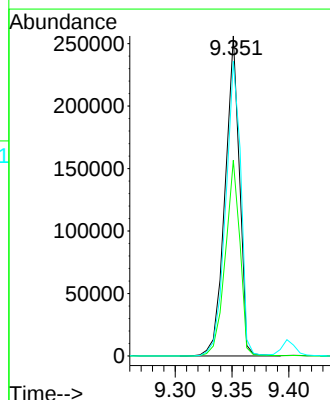
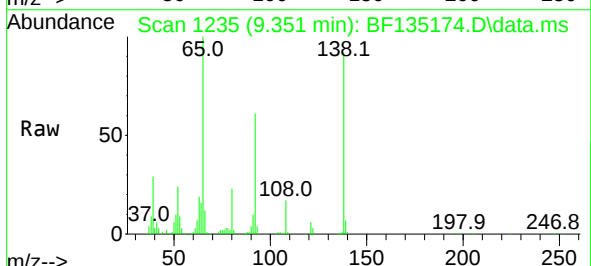
RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Tgt Ion: 65 Resp: 226861
 Ion Ratio Lower Upper
 65 100
 92 61.2 49.4 74.0
 138 92.0 77.4 116.0





#49

Acenaphthylene

Concen: 45.121 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion:152 Resp: 959814

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

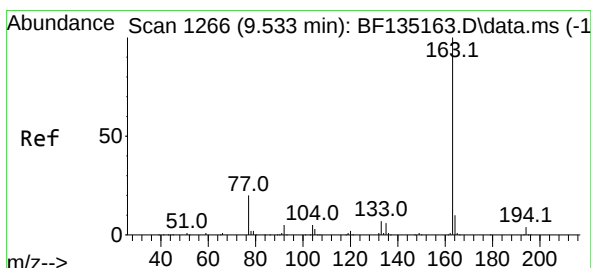
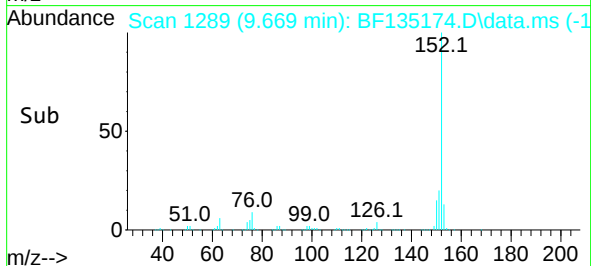
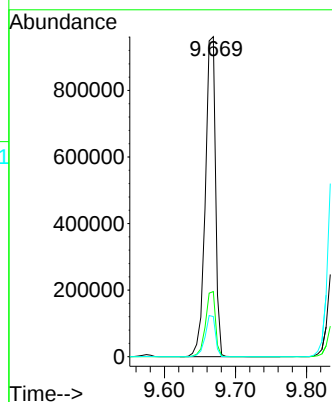
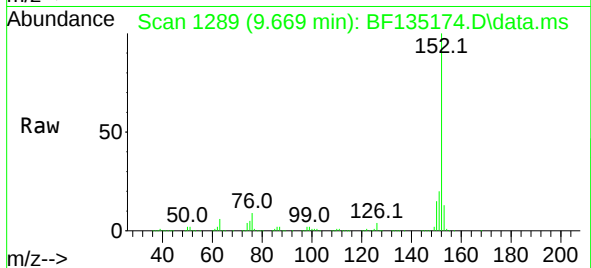
153 12.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#50

Dimethylphthalate

Concen: 45.219 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

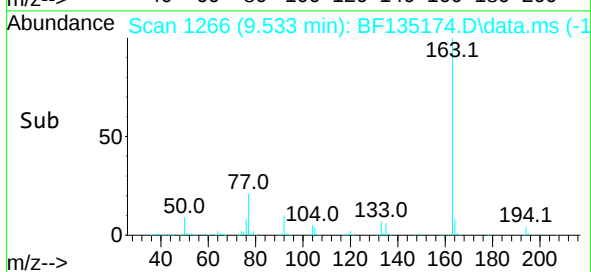
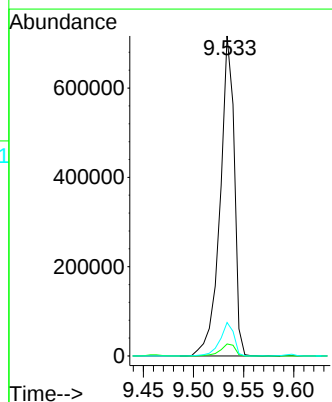
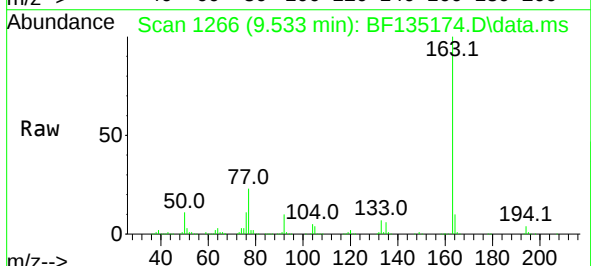
Tgt Ion:163 Resp: 701801

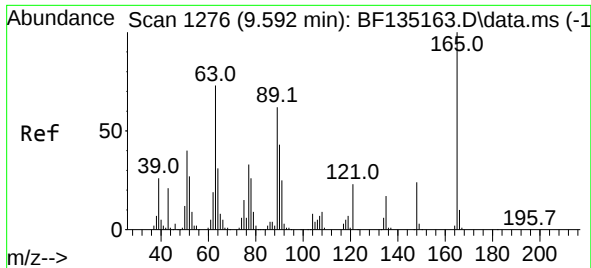
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.4 8.1 12.1





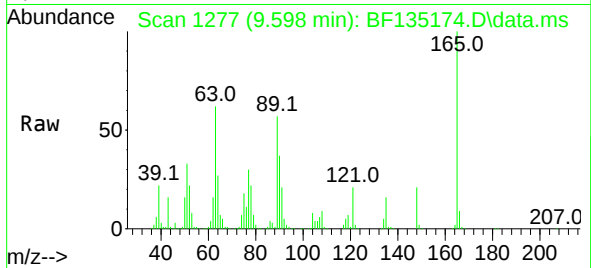
#51
2,6-Dinitrotoluene
Concen: 46.602 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

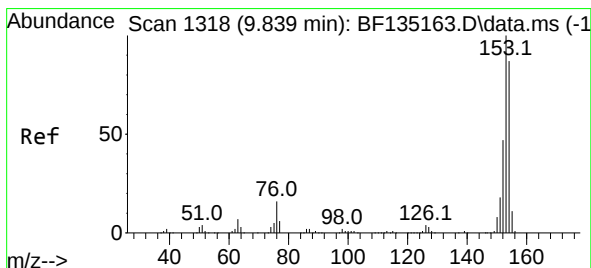
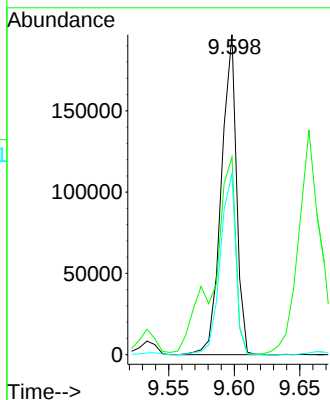
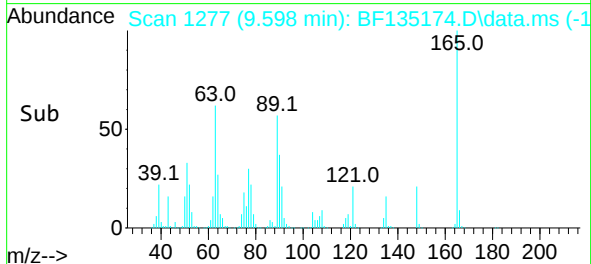
PB155440BS



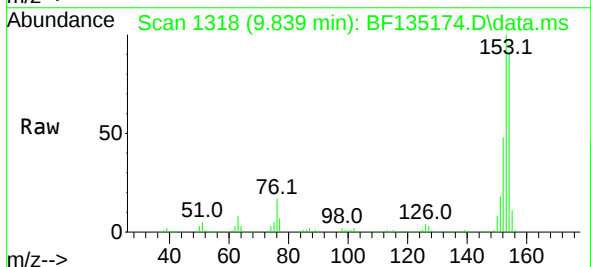
Tgt Ion:165 Resp: 158444
Ion Ratio Lower Upper
165 100
63 61.8 59.4 89.2
89 56.6 49.8 74.8

Manual Integrations
APPROVED

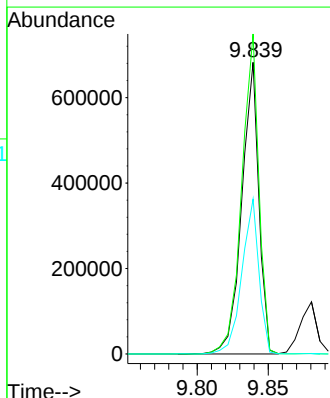
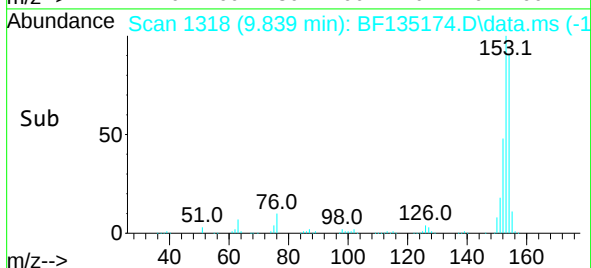
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

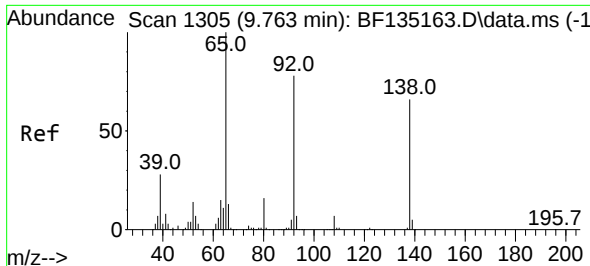


#52
Acenaphthene
Concen: 45.508 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:154 Resp: 571866
Ion Ratio Lower Upper
154 100
153 109.7 92.1 138.1
152 53.1 43.1 64.7





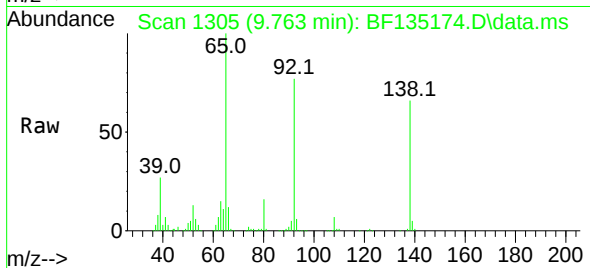
#53
3-Nitroaniline
Concen: 30.572 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

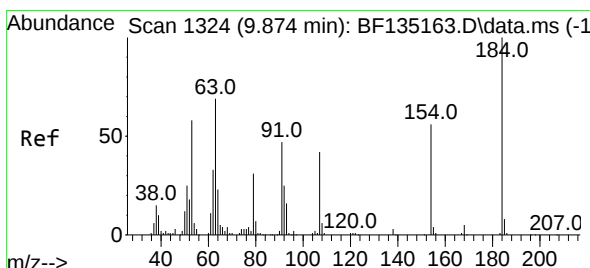
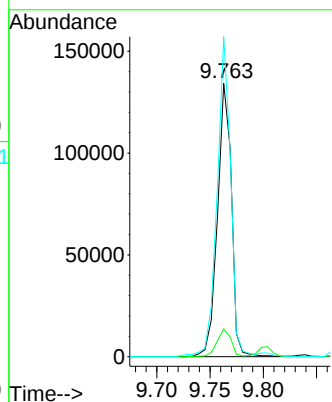
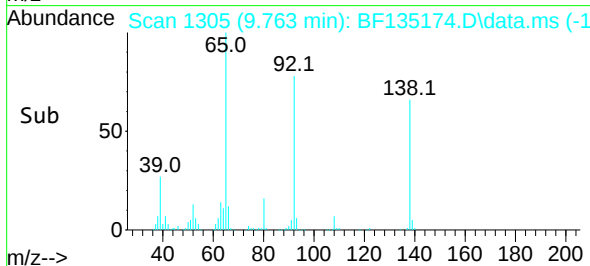


Tgt Ion:138 Resp: 122014
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 117.1 95.4 143.0

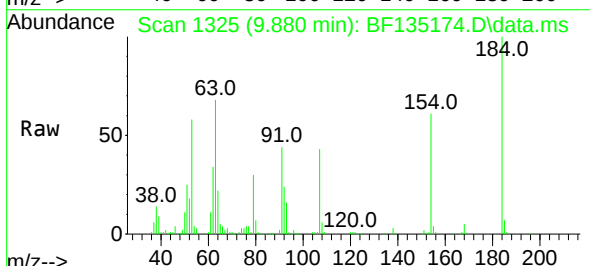
Manual Integrations

APPROVED

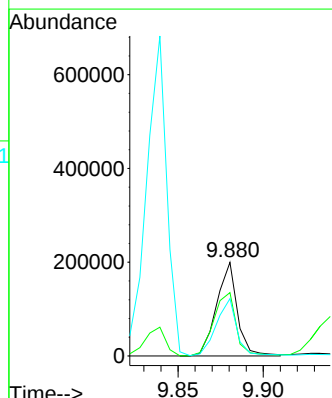
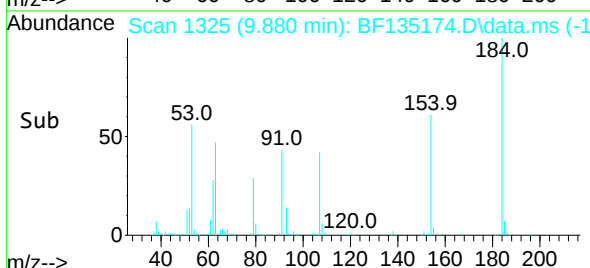
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

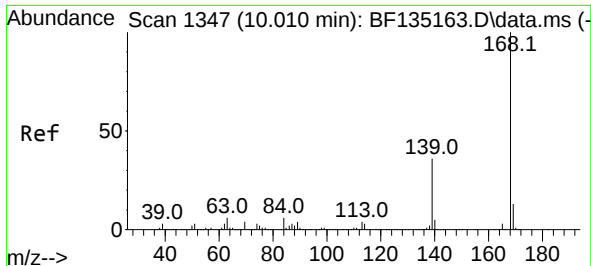


#54
2,4-Dinitrophenol
Concen: 87.255 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:184 Resp: 169601
Ion Ratio Lower Upper
184 100
63 67.6 55.1 82.7
154 61.1 48.4 72.6





#55
Dibenzenofuran
Concen: 44.217 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

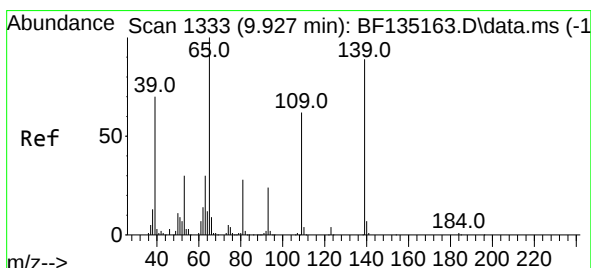
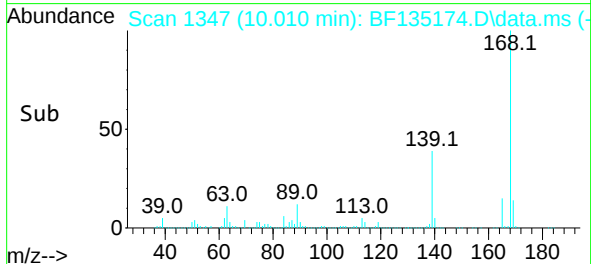
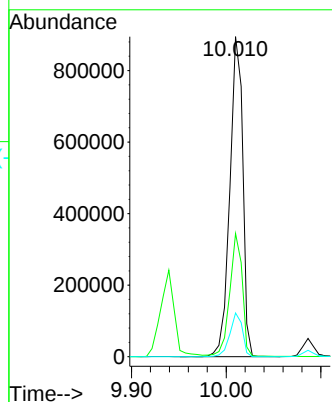
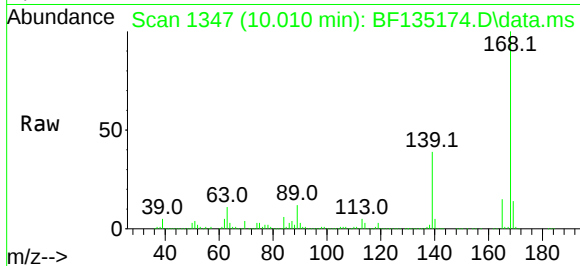
PB155440BS

Tgt Ion:168 Resp: 847904
Ion Ratio Lower Upper
168 100
139 38.5 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations

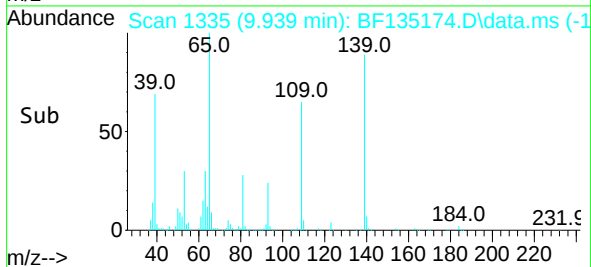
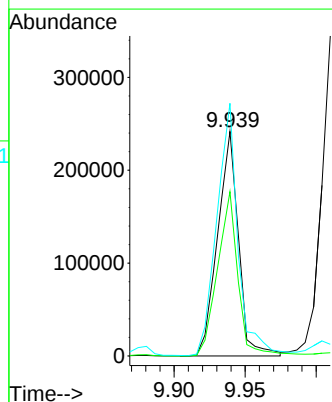
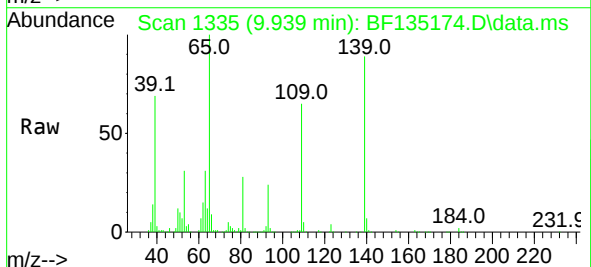
APPROVED

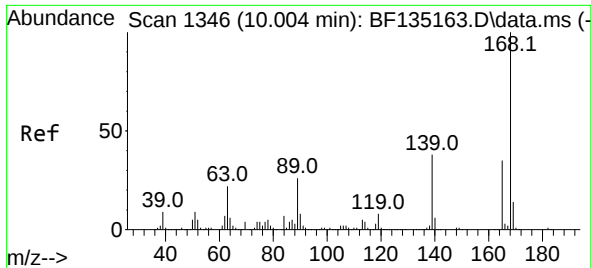
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#56
4-Nitrophenol
Concen: 97.284 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:139 Resp: 246759
Ion Ratio Lower Upper
139 100
109 73.1 49.8 89.8
65 112.5 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 46.314 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

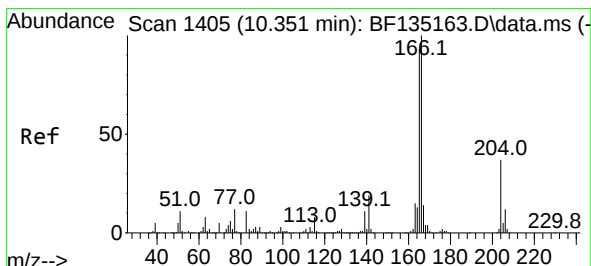
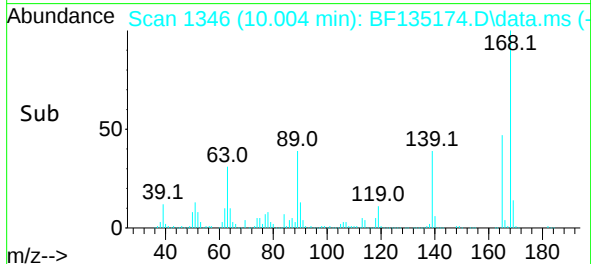
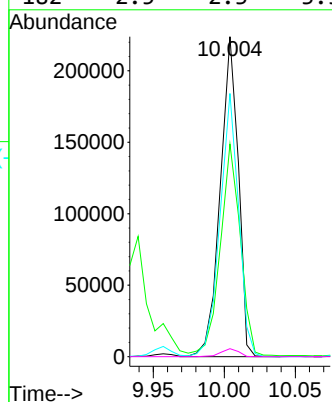
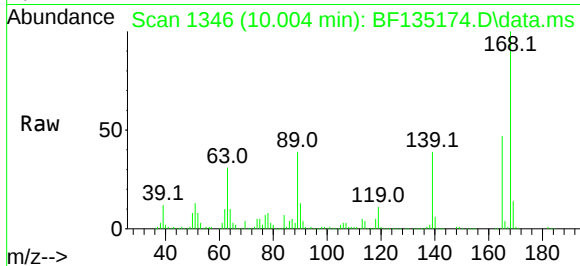
PB155440BS

Tgt Ion:165 Resp: 19713
Ion Ratio Lower Upper
165 100
63 66.5 50.1 75.1
89 82.3 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations

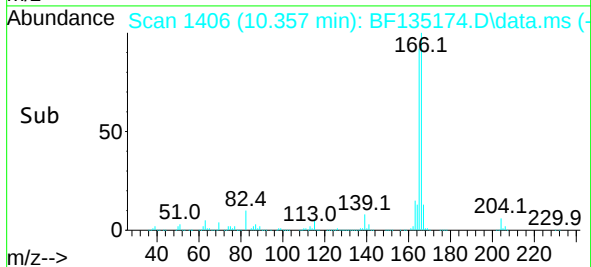
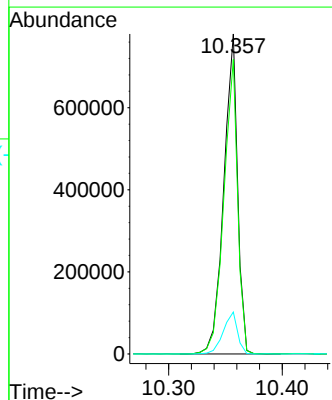
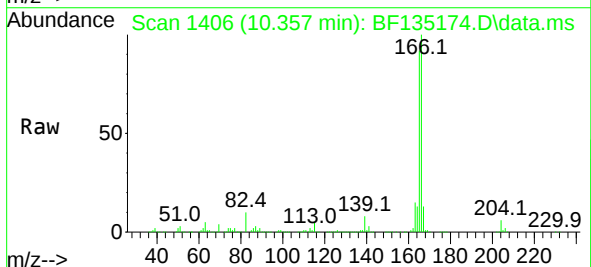
APPROVED

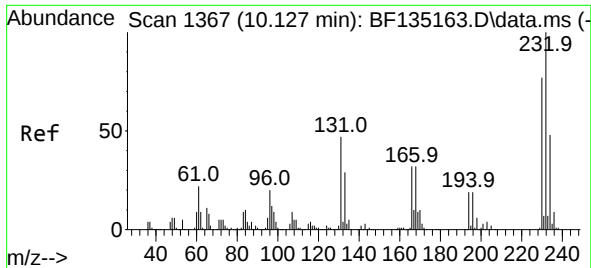
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#58
Fluorene
Concen: 44.733 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:166 Resp: 659440
Ion Ratio Lower Upper
166 100
165 92.0 74.3 111.5
167 13.1 10.9 16.3





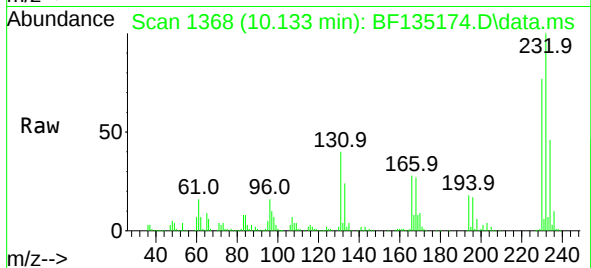
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.809 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS



Tgt Ion:232 Resp: 188270
Ion Ratio Lower Upper

232 100

131 44.7 35.4 53.2

130 2.3 1.8 2.8

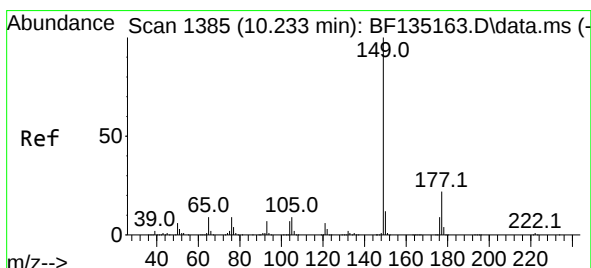
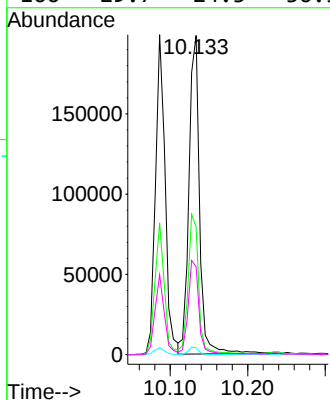
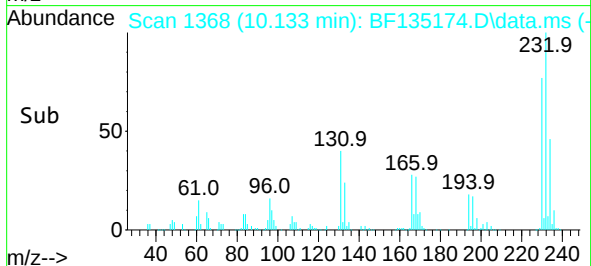
166 29.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#60
Diethylphthalate
Concen: 45.752 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

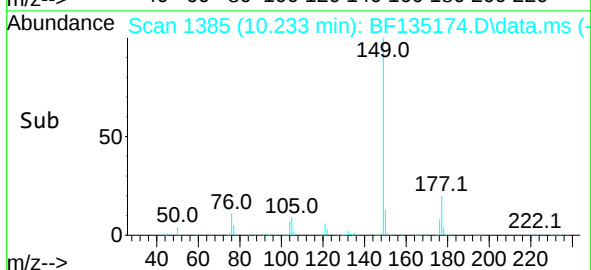
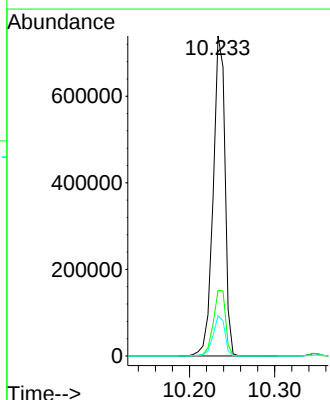
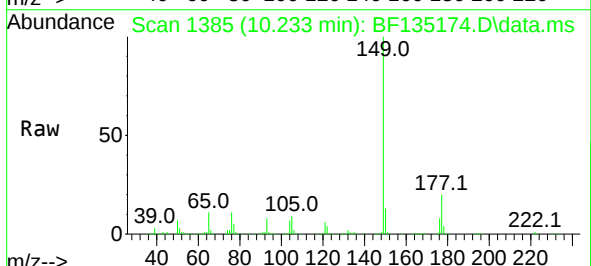
Tgt Ion:149 Resp: 712623

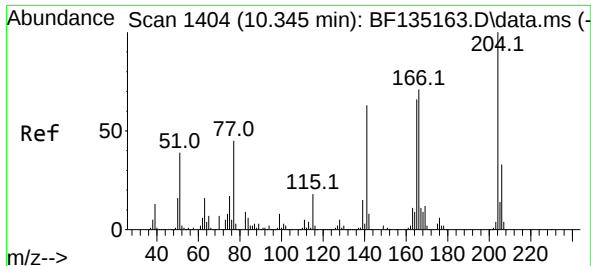
Ion Ratio Lower Upper

149 100

177 20.5 17.8 26.6

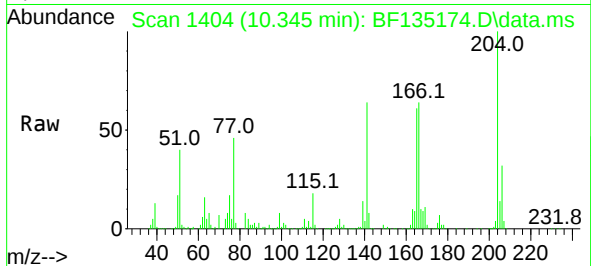
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.130 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

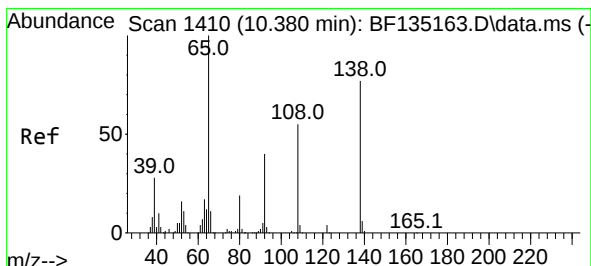
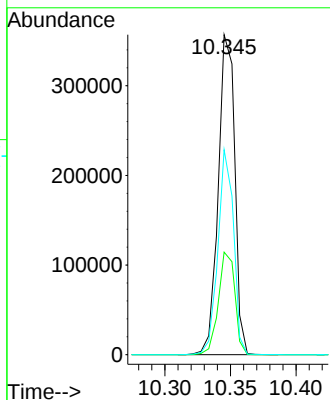
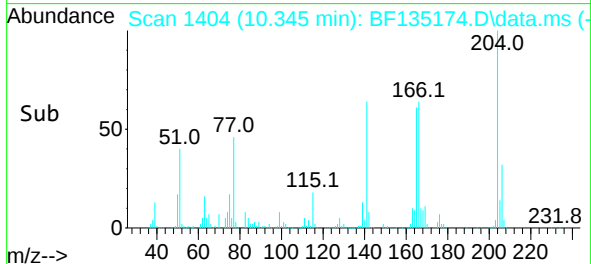
Instrument :
BNA_F
ClientSampleId :
PB155440BS



Tgt Ion:204 Resp: 312500
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 64.1 50.6 75.8

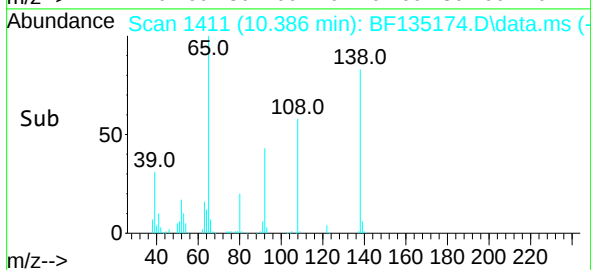
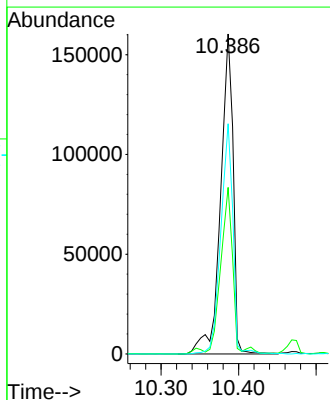
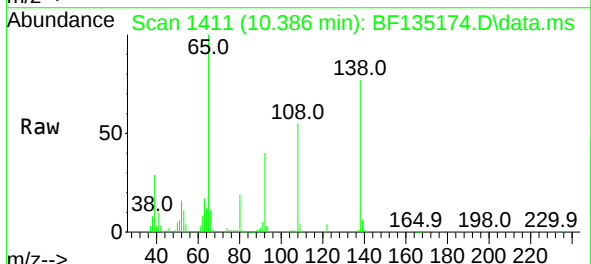
Manual Integrations
APPROVED

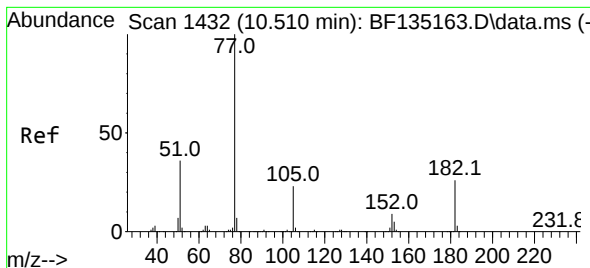
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#62
4-Nitroaniline
Concen: 47.076 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

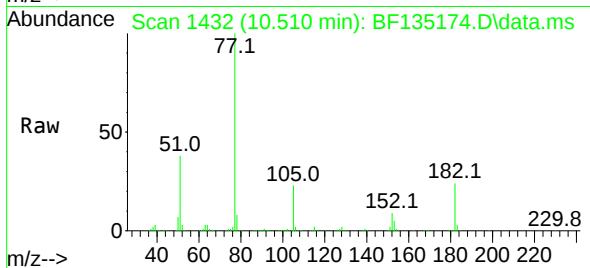
Tgt Ion:138 Resp: 180597
Ion Ratio Lower Upper
138 100
92 52.0 31.8 71.8
108 71.9 52.0 92.0





#63
Azobenzene
Concen: 45.327 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

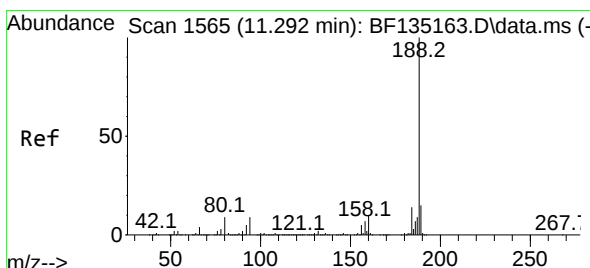
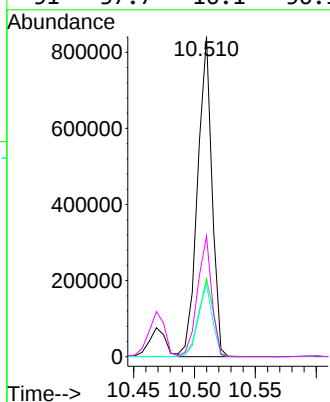
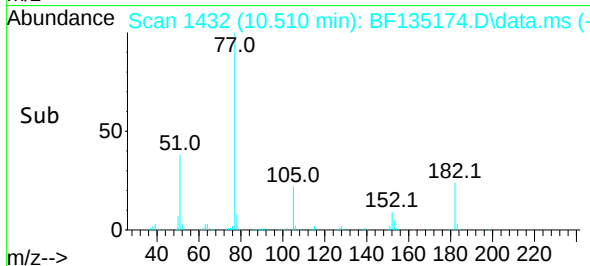
Instrument :
BNA_F
ClientSampleId :
PB155440BS



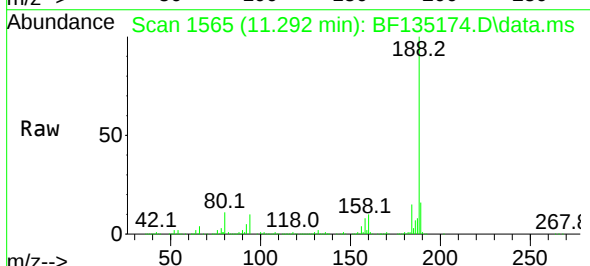
Tgt Ion: 77 Resp: 69096
Ion Ratio Lower Upper
77 100
182 24.3 6.4 46.4
105 22.5 3.1 43.1
51 37.7 16.1 56.1

Manual Integrations
APPROVED

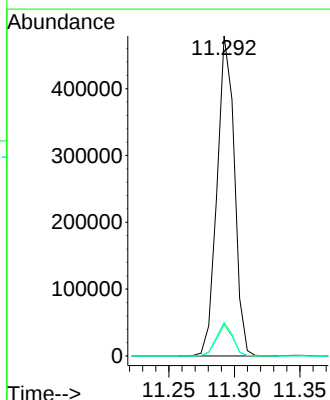
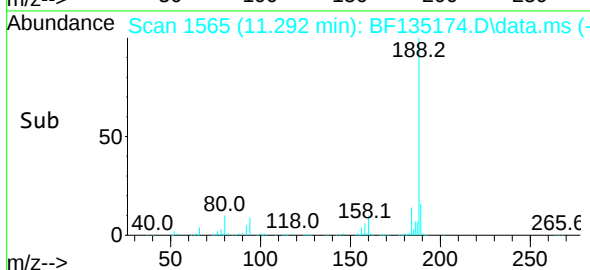
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

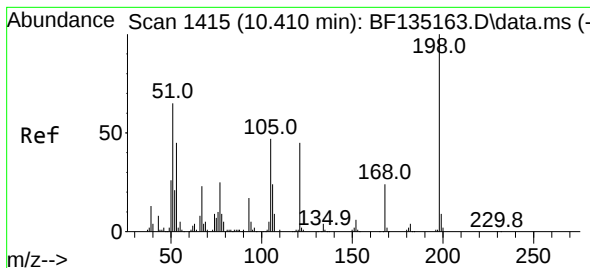


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:188 Resp: 439496
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.5 7.5 11.3





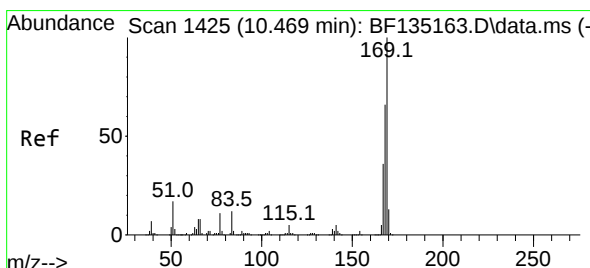
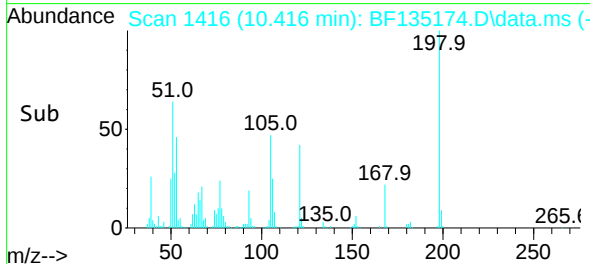
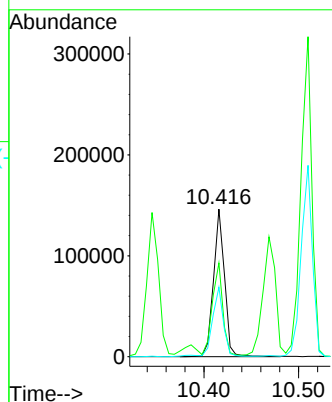
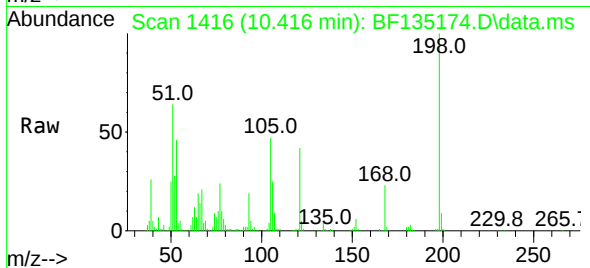
#65
4,6-Dinitro-2-methylphenol
Concen: 50.472 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :
BNA_F
ClientSampleId :
PB155440BS

Tgt Ion:198 Resp: 117818
Ion Ratio Lower Upper
198 100
51 63.6 47.7 87.7
105 47.1 27.4 67.4

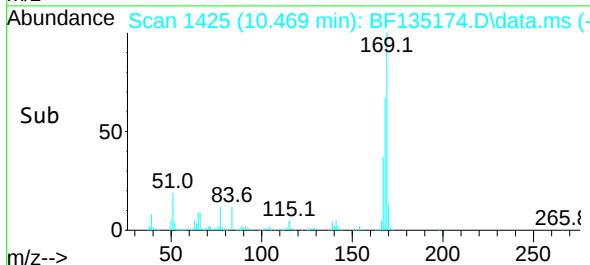
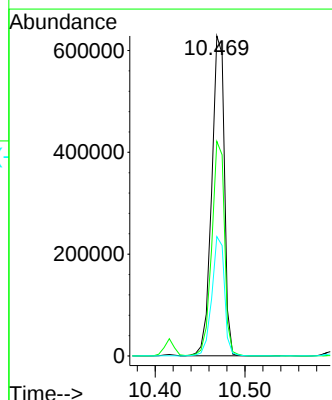
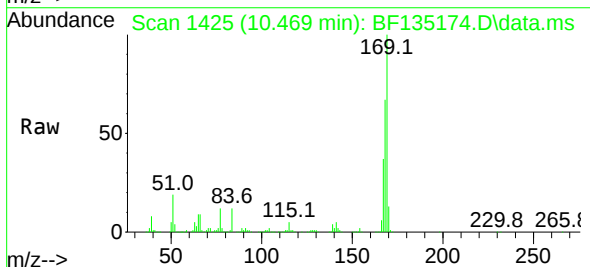
Manual Integrations
APPROVED

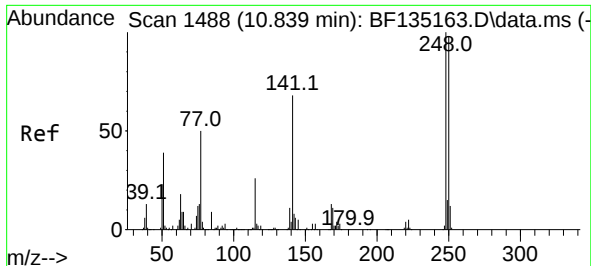
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 46.262 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:169 Resp: 615544
Ion Ratio Lower Upper
169 100
168 67.0 52.8 79.2
167 37.3 29.0 43.6





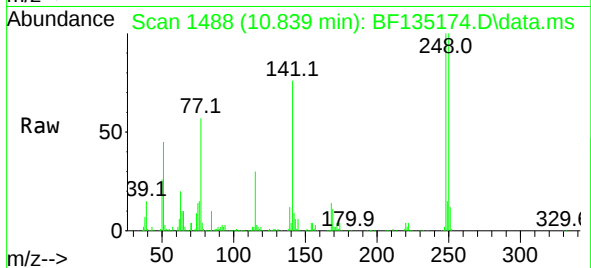
#67
4-Bromophenyl-phenylether
Concen: 45.491 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

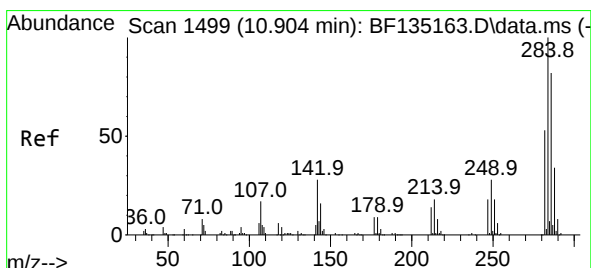
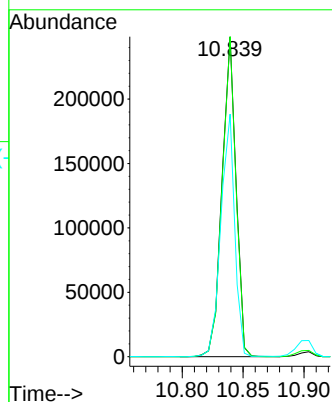
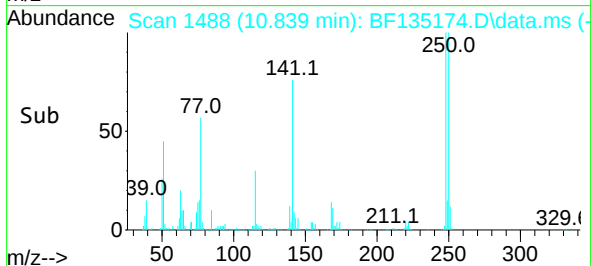


Tgt Ion:248 Resp: 19884
Ion Ratio Lower Upper
248 100
250 100.0 78.6 117.8
141 75.8 54.2 81.2

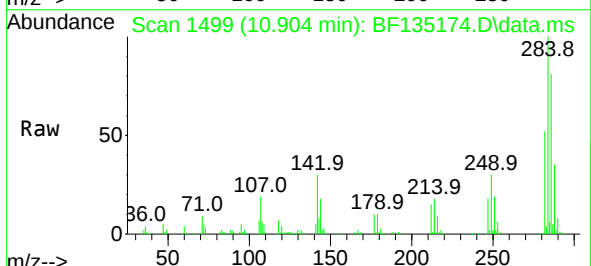
Manual Integrations

APPROVED

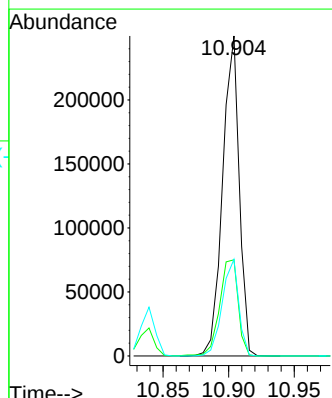
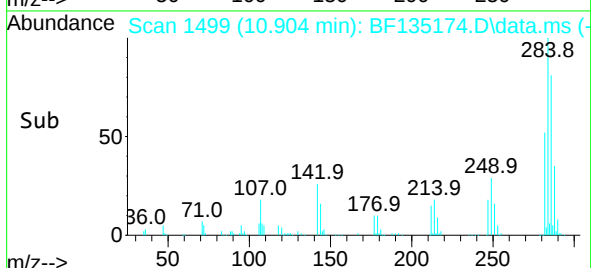
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

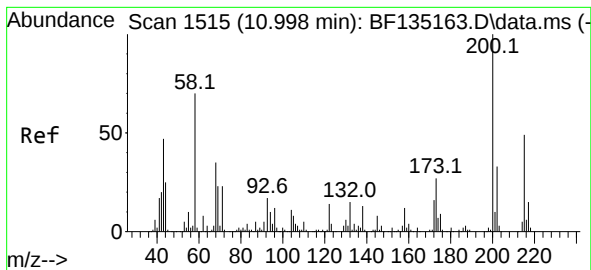


#68
Hexachlorobenzene
Concen: 49.357 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



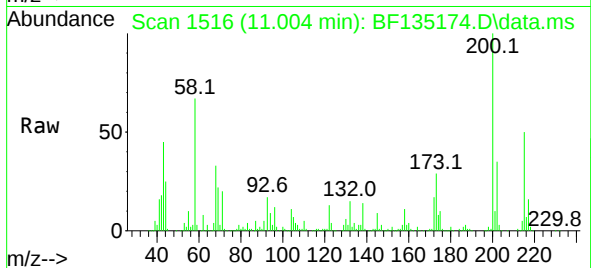
Tgt Ion:284 Resp: 219795
Ion Ratio Lower Upper
284 100
142 30.0 22.2 33.4
249 30.2 22.5 33.7





#69
 Atrazine
 Concen: 55.868 ng
 RT: 11.004 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF135174.D
 Acq: 12 Sep 2023 11:00

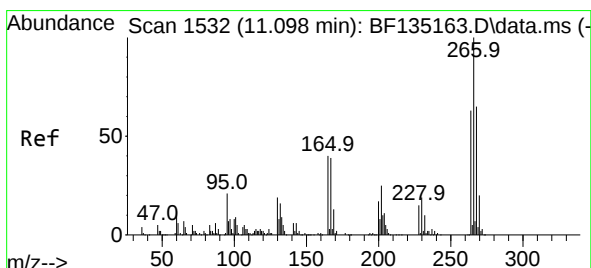
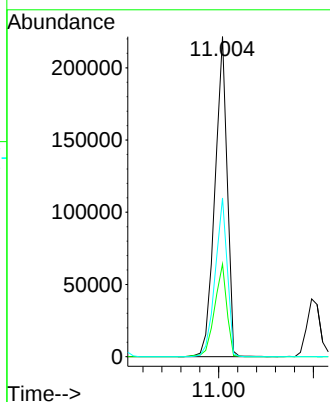
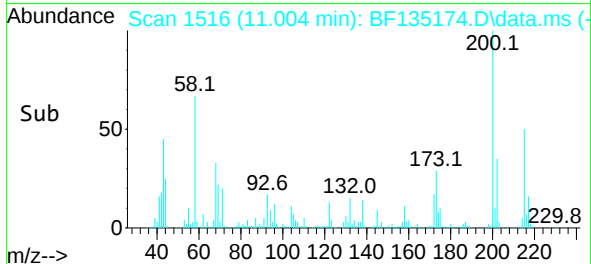
Instrument :
 BNA_F
 ClientSampleId :
 PB155440BS



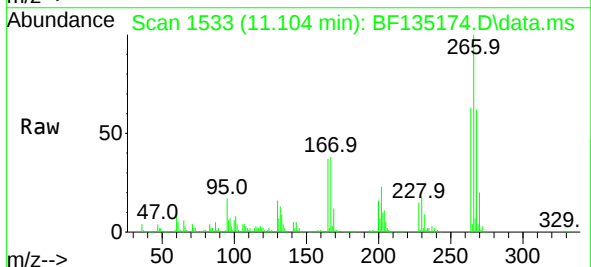
Tgt Ion:200 Resp: 200010
 Ion Ratio Lower Upper
 200 100
 173 29.0 7.4 47.4
 215 49.6 28.6 68.6

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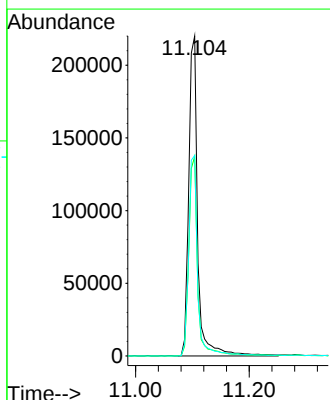
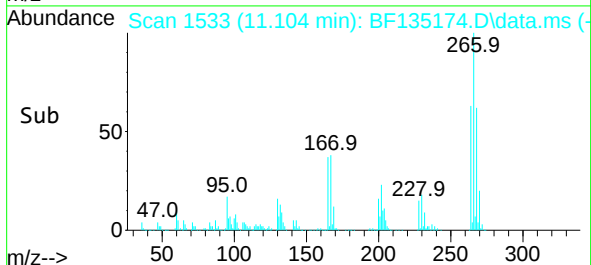
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

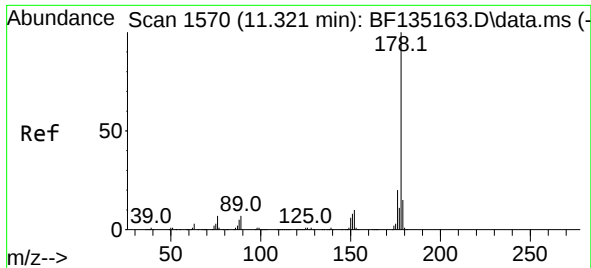


#70
 Pentachlorophenol
 Concen: 90.219 ng
 RT: 11.104 min Scan# 1533
 Delta R.T. 0.006 min
 Lab File: BF135174.D
 Acq: 12 Sep 2023 11:00



Tgt Ion:266 Resp: 240373
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.1 78.1
 264 62.6 50.8 76.2





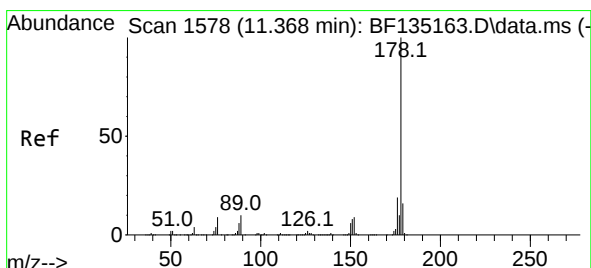
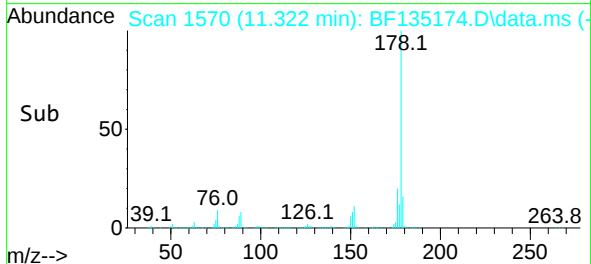
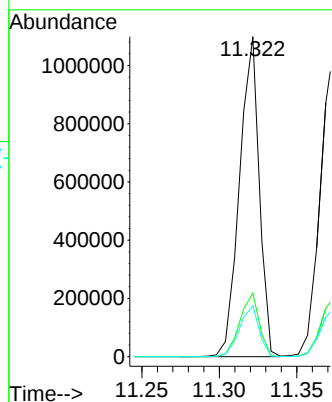
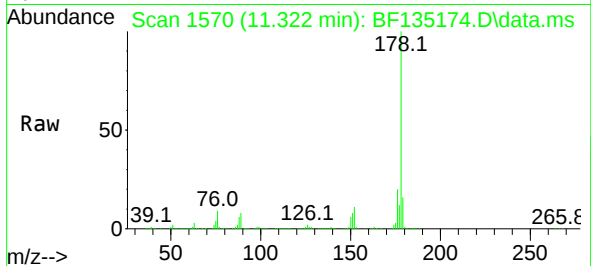
#71
Phenanthrene
Concen: 46.734 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :
BNA_F
ClientSampleId :
PB155440BS

Tgt Ion:178 Resp: 97142
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.9 12.0 18.0

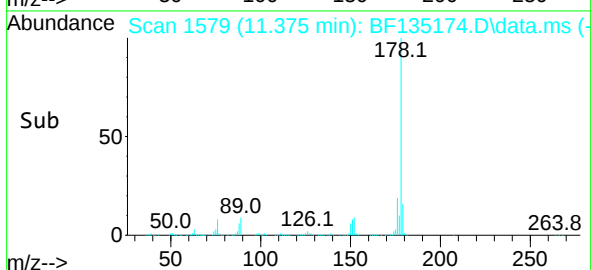
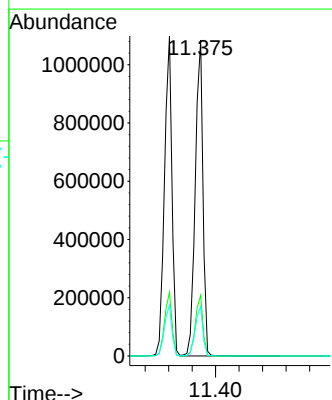
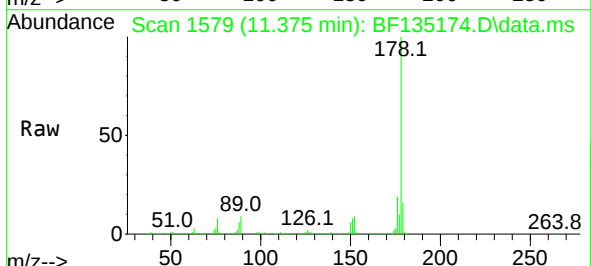
Manual Integrations
APPROVED

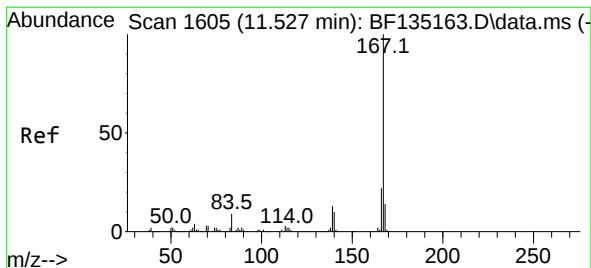
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#72
Anthracene
Concen: 46.098 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:178 Resp: 984936
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.6 19.0





#73

Carbazole

Concen: 48.538 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

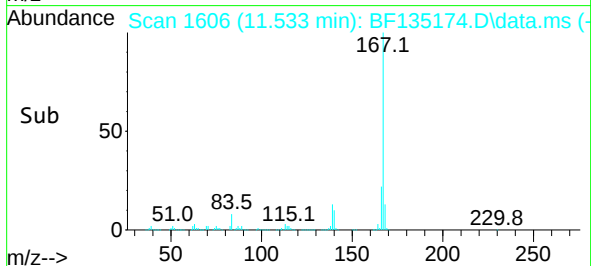
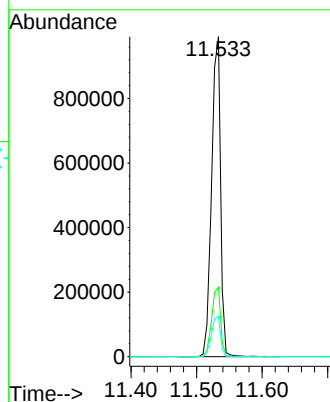
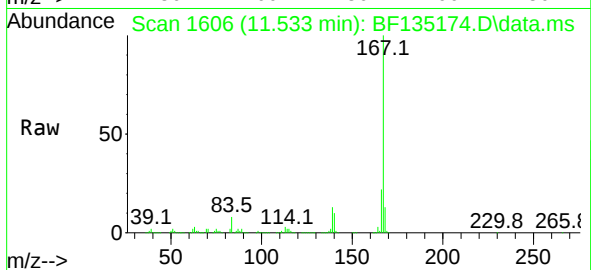
Tgt Ion:167	Resp: 944072
Ion Ratio	Lower Upper
167 100	
166 21.8	17.4 26.0
139 12.6	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#74

Di-n-butylphthalate

Concen: 48.061 ng

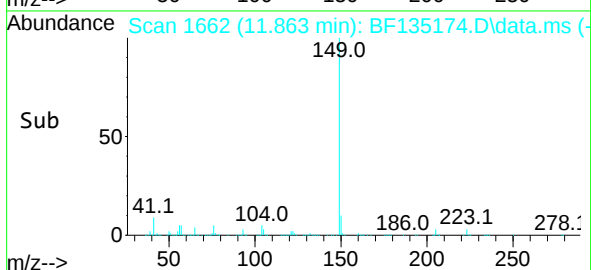
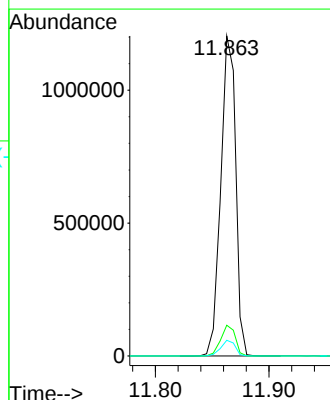
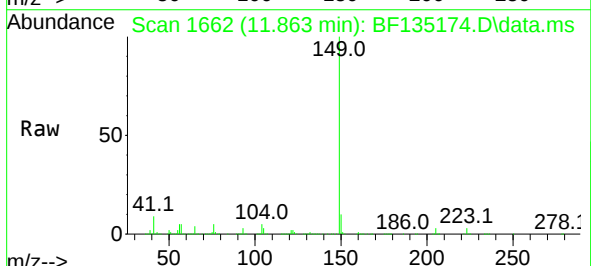
RT: 11.863 min Scan# 1662

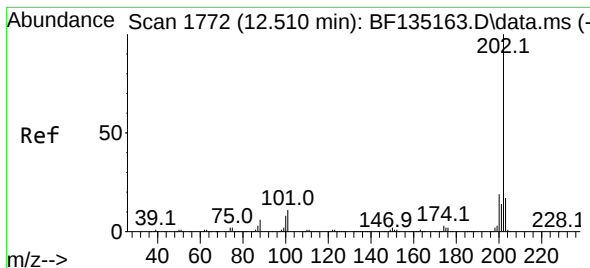
Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

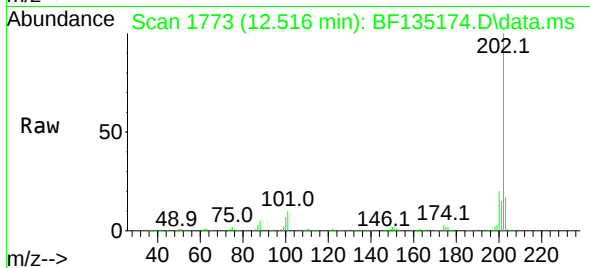
Tgt Ion:149	Resp: 1101494
Ion Ratio	Lower Upper
149 100	
150 9.6	7.4 11.0
104 4.9	3.6 5.4





#75
Fluoranthene
Concen: 46.681 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

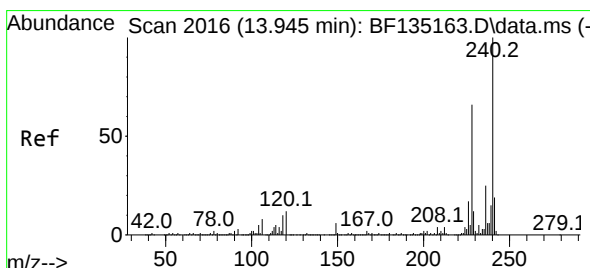
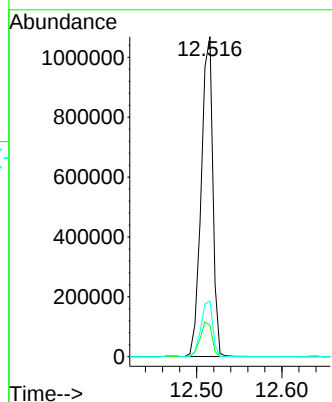
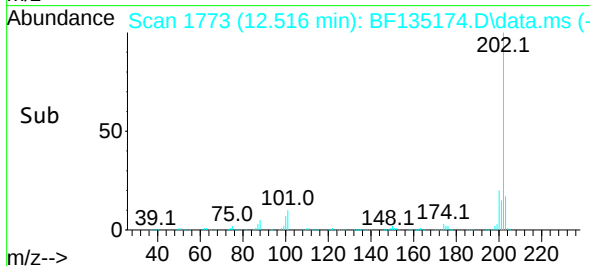
Instrument :
BNA_F
ClientSampleId :
PB155440BS



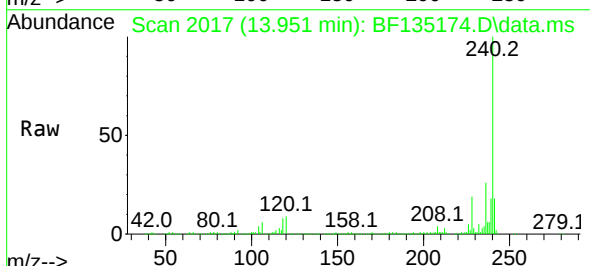
Tgt Ion:202 Resp: 1011064
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.3
203 17.4 0.0 37.4

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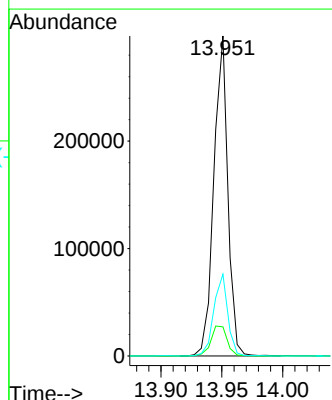
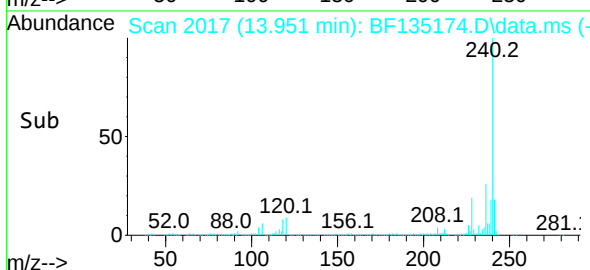
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

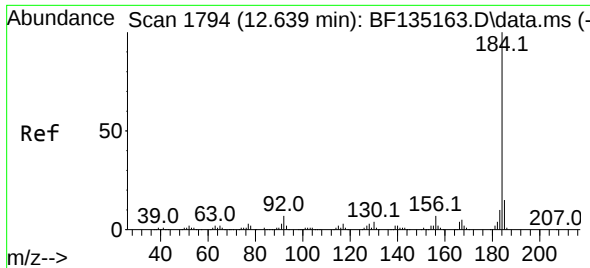


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



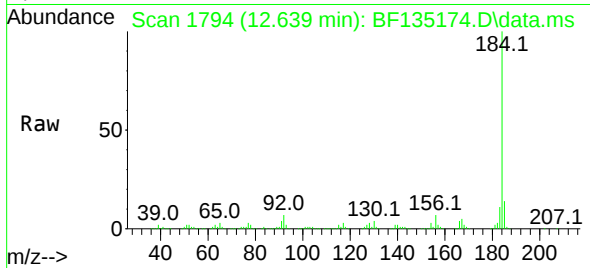
Tgt Ion:240 Resp: 237538
Ion Ratio Lower Upper
240 100
120 9.1 9.4 14.2#
236 25.6 19.8 29.8





#77
Benzidine
Concen: 66.905 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

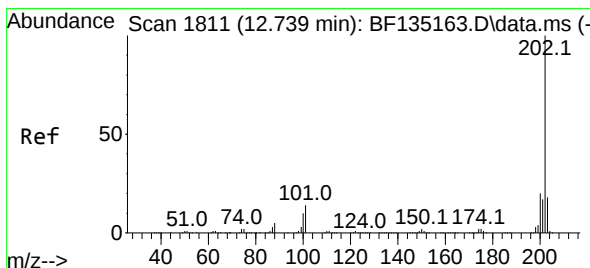
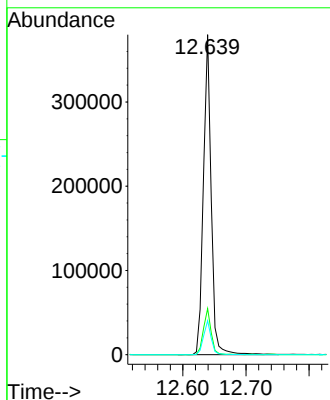
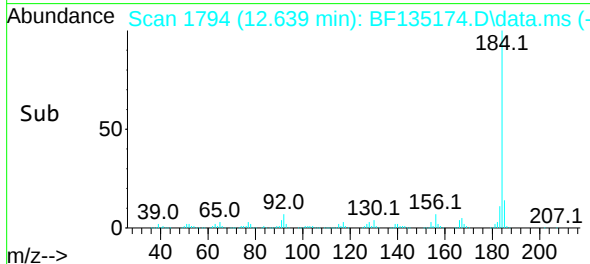
Instrument :
BNA_F
ClientSampleId :
PB155440BS



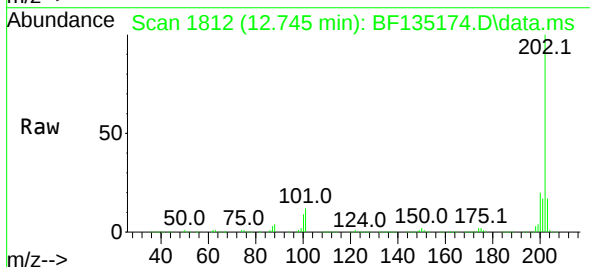
Tgt Ion:184 Resp: 325589
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.6 8.2 12.4

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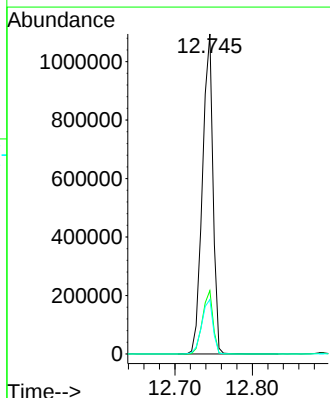
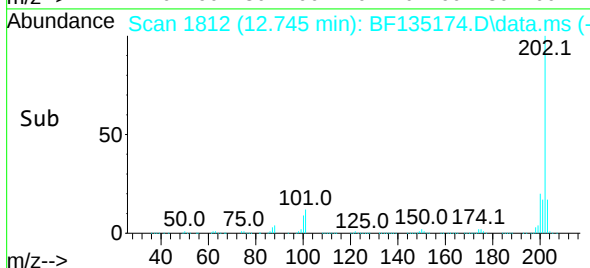
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

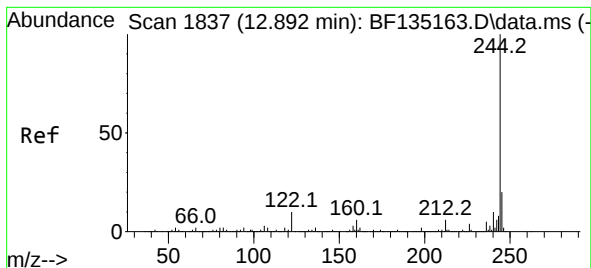


#78
Pyrene
Concen: 45.677 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:202 Resp: 1033014
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.0 14.2 21.4





#79

Terphenyl-d14

Concen: 88.467 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135174.D

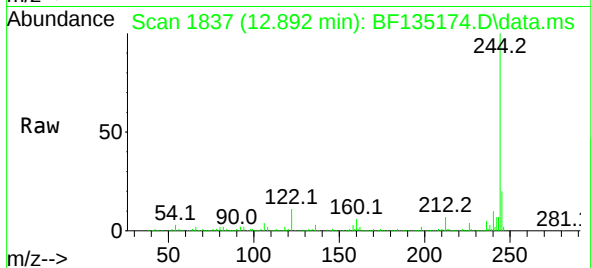
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS



Tgt Ion:244 Resp: 135558

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

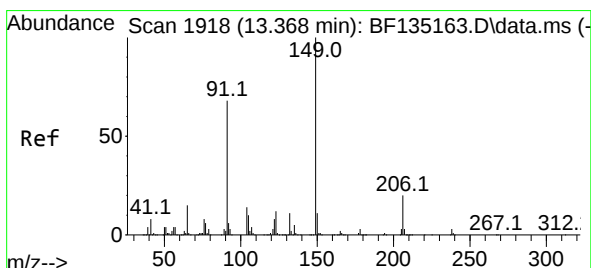
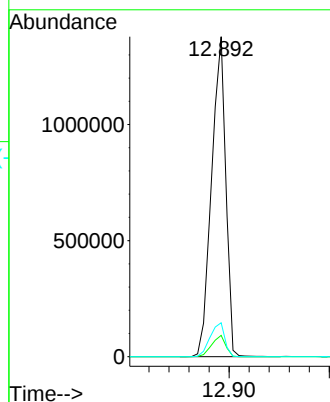
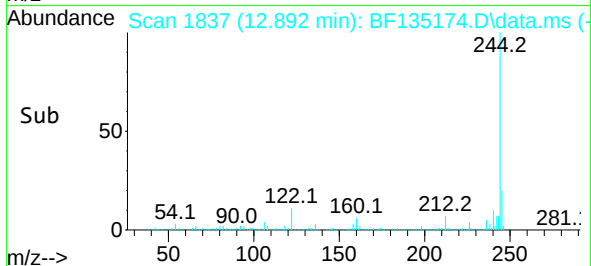
122 10.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#80

Butylbenzylphthalate

Concen: 50.330 ng

RT: 13.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

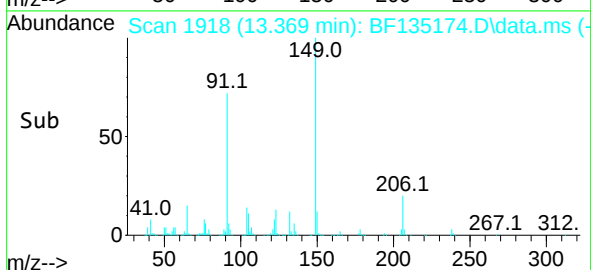
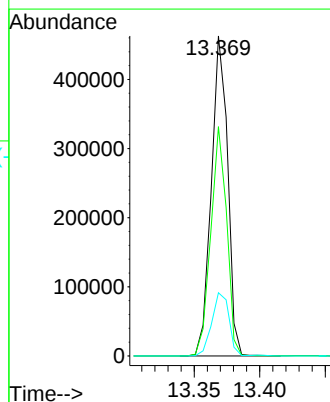
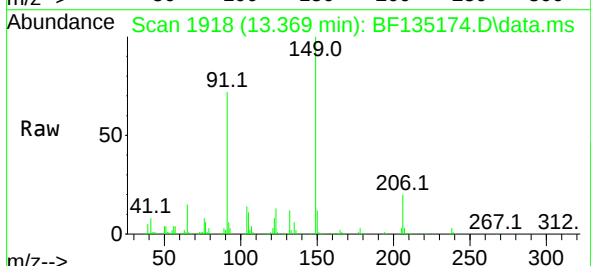
Tgt Ion:149 Resp: 400753

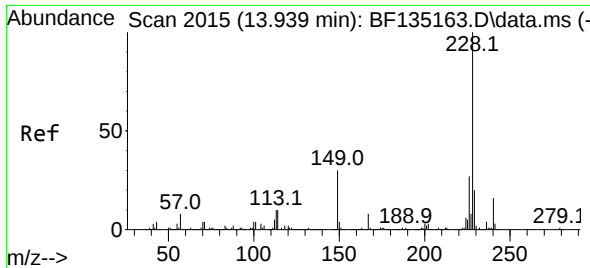
Ion Ratio Lower Upper

149 100

91 71.6 54.7 82.1

206 19.8 16.3 24.5





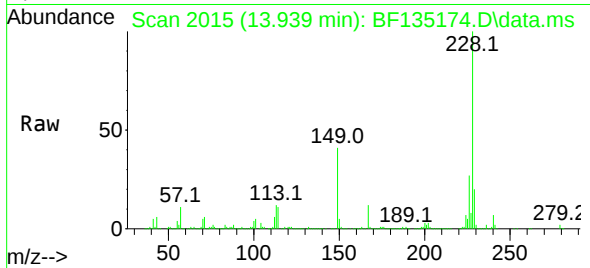
#81
Benzo(a)anthracene
Concen: 46.797 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS



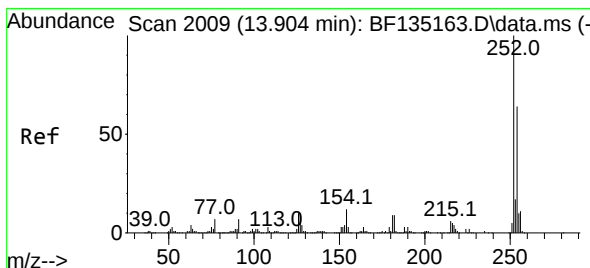
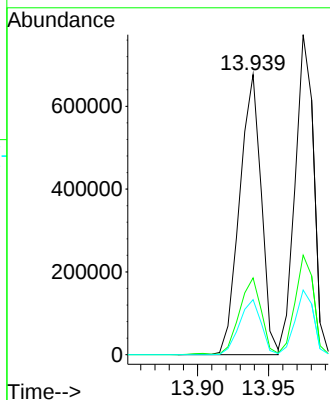
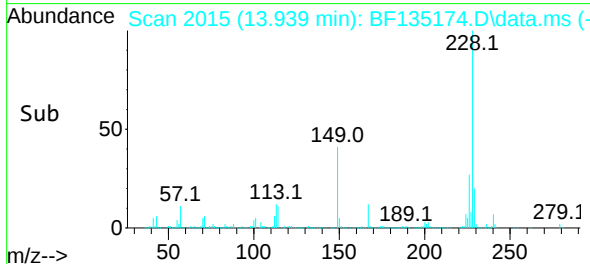
Tgt Ion:228 Resp: 717788
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.7 15.8 23.8

Manual Integrations

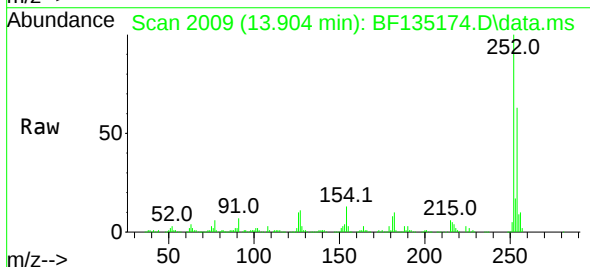
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

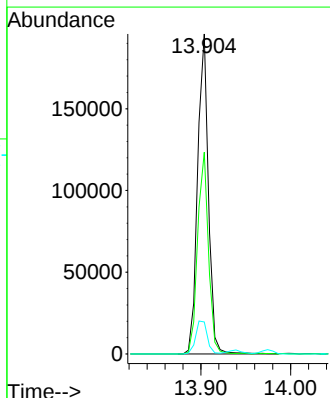
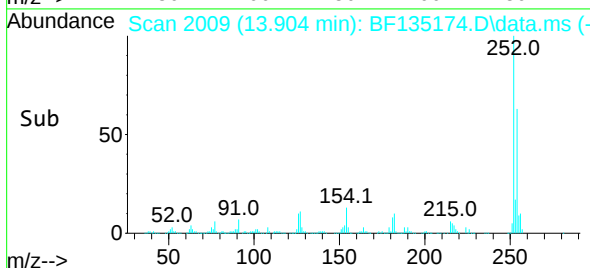
Supervised By :mohammad ahmed 09/13/2023

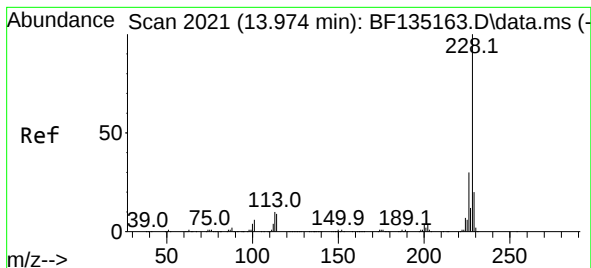


#82
3,3'-Dichlorobenzidine
Concen: 34.127 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:252 Resp: 163504
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 10.0 7.8 11.8





#83

Chrysene

Concen: 45.963 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

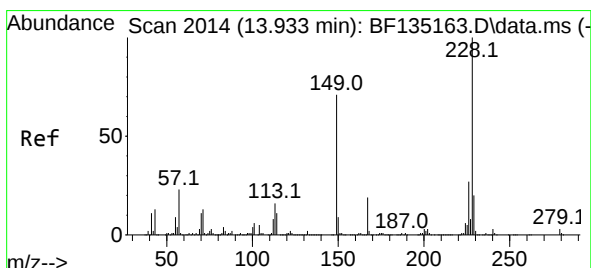
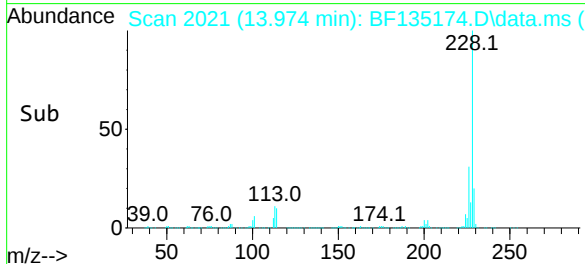
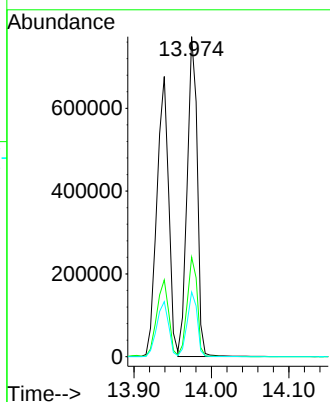
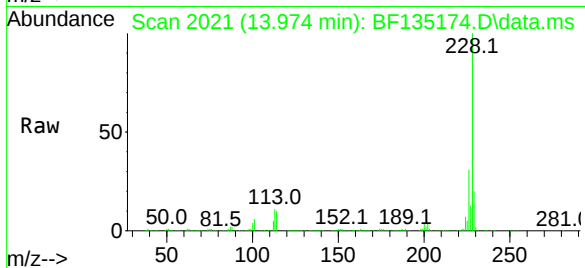
Tgt Ion:	228	Resp:	700940
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.3	36.5
229	20.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.156 ng

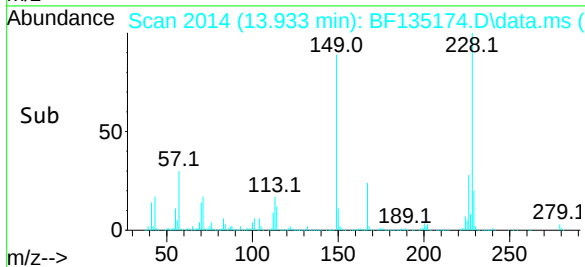
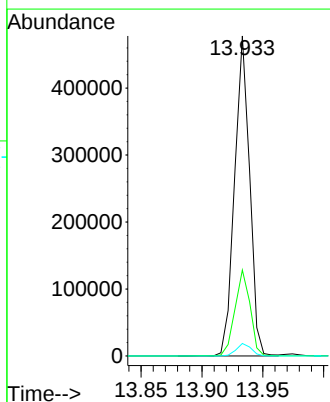
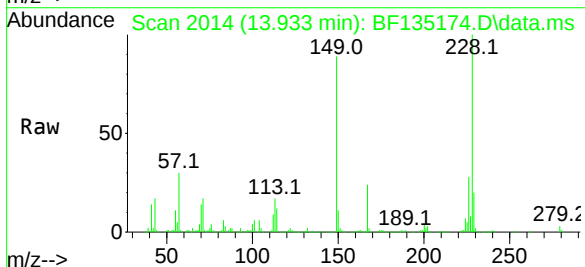
RT: 13.933 min Scan# 2014

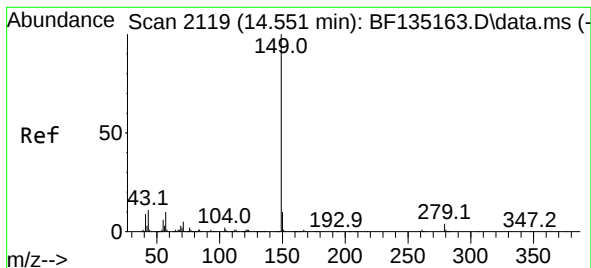
Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Tgt Ion:	149	Resp:	409818
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.9	32.9
279	3.9	3.3	4.9





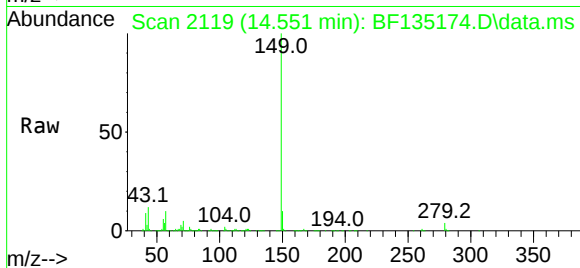
#85
Di-n-octyl phthalate
Concen: 51.418 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS



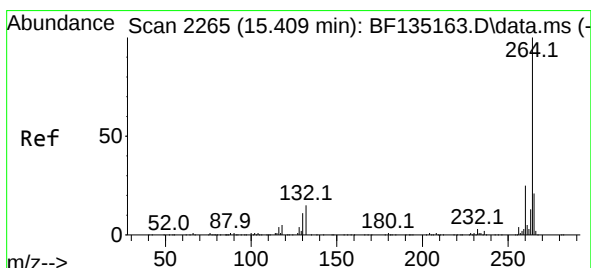
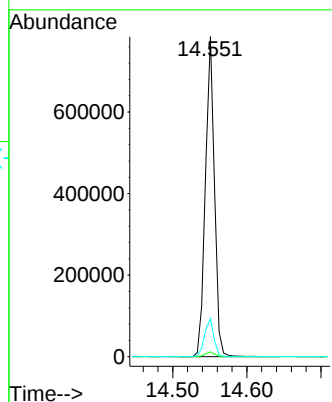
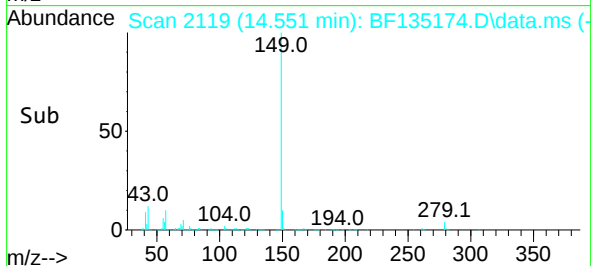
Tgt Ion:149 Resp: 667673
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.1 9.8 14.6

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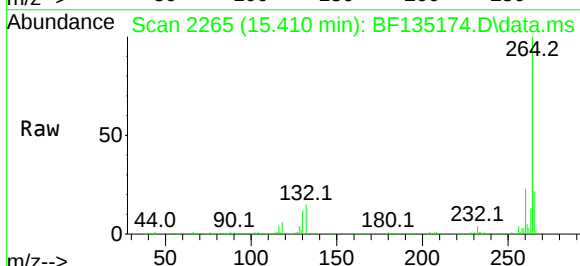
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

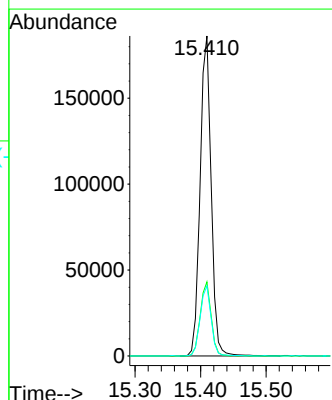
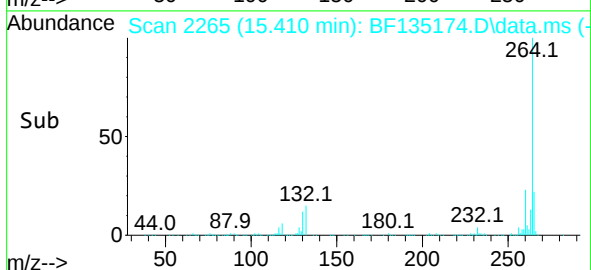
Supervised By :mohammad ahmed 09/13/2023

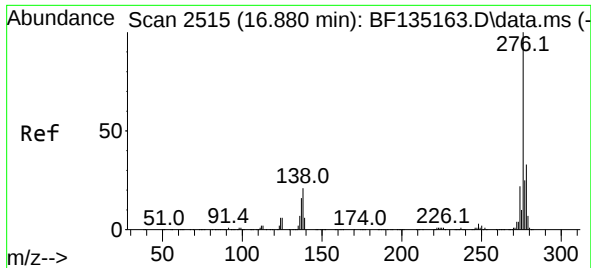


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



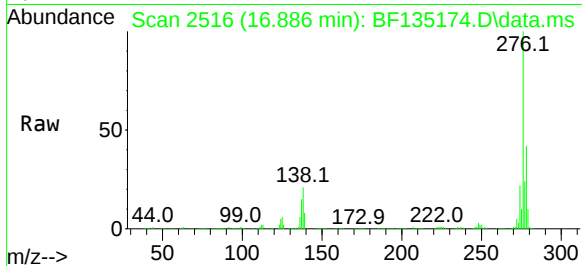
Tgt Ion:264 Resp: 218789
Ion Ratio Lower Upper
264 100
260 23.1 19.8 29.6
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.745 ng
RT: 16.886 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

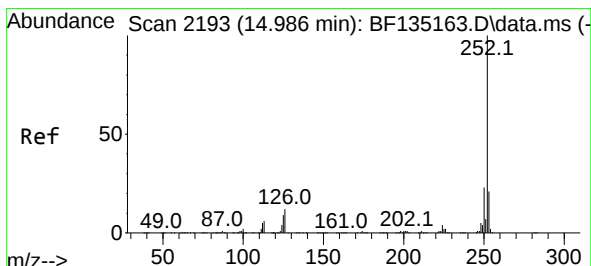
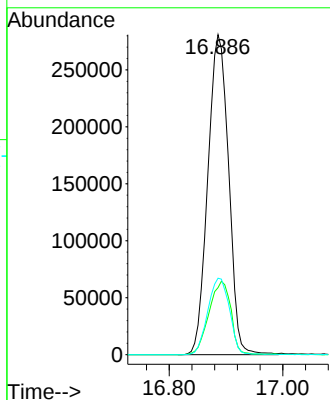
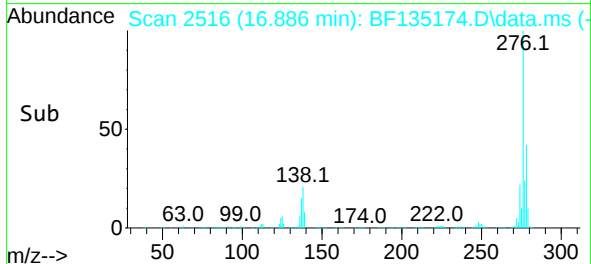
Instrument :
BNA_F
ClientSampleId :
PB155440BS



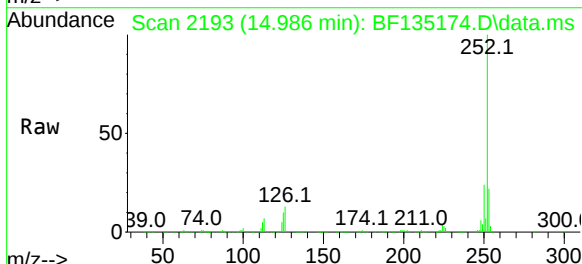
Tgt Ion:276 Resp: 71361
Ion Ratio Lower Upper
276 100
138 24.2 19.2 28.8
277 24.9 19.7 29.5

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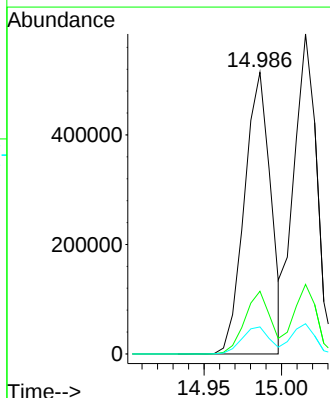
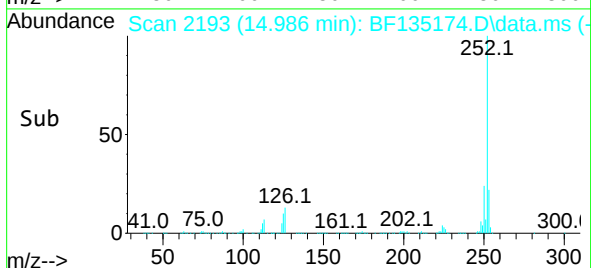
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

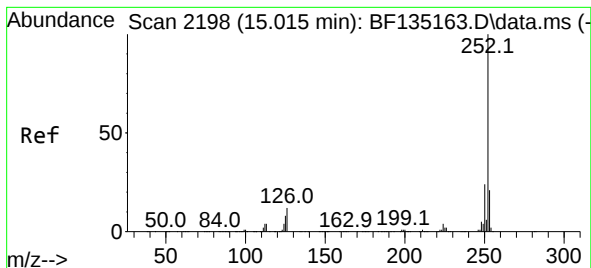


#88
Benzo(b)fluoranthene
Concen: 51.348 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00



Tgt Ion:252 Resp: 608153
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.383 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

PB155440BS

Tgt Ion:252 Resp: 601150

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

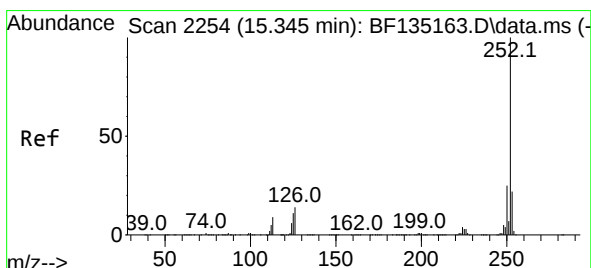
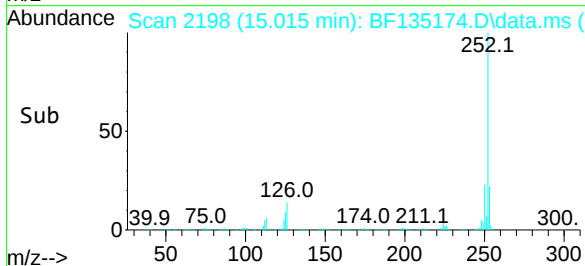
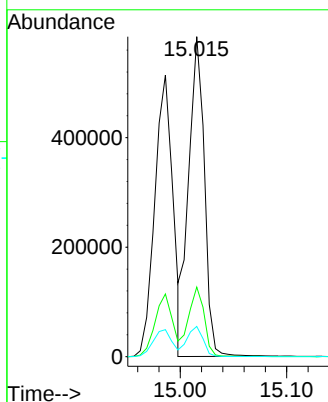
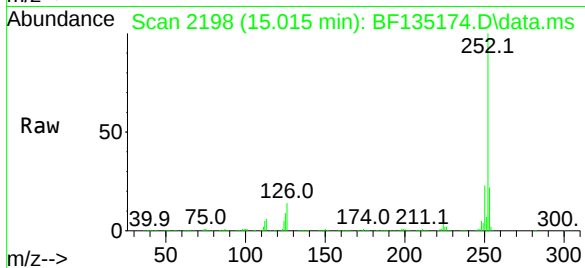
125 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#90

Benzo(a)pyrene

Concen: 47.304 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135174.D

Acq: 12 Sep 2023 11:00

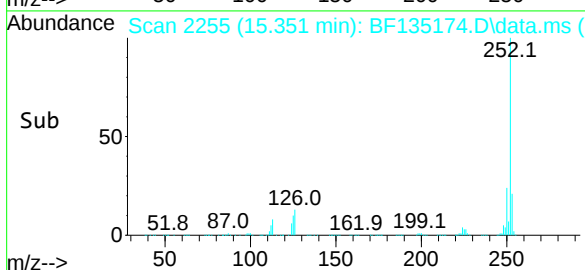
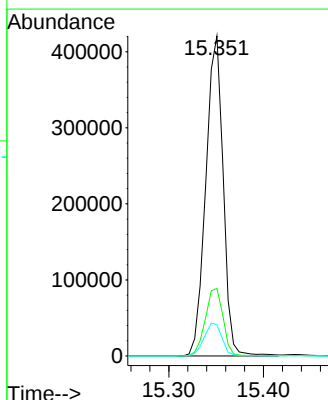
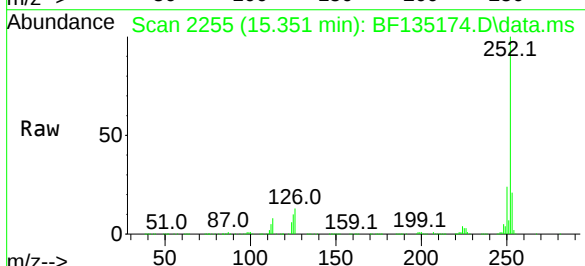
Tgt Ion:252 Resp: 534289

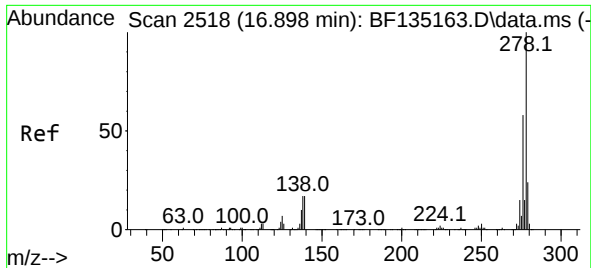
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 9.8 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 49.446 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Instrument :

BNA_F

ClientSampleId :

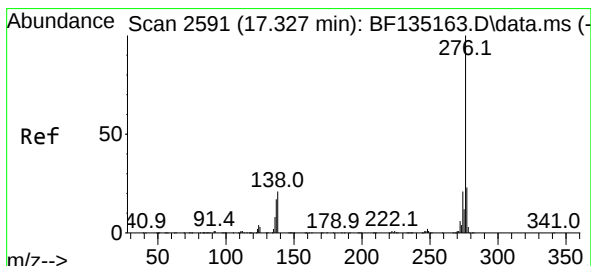
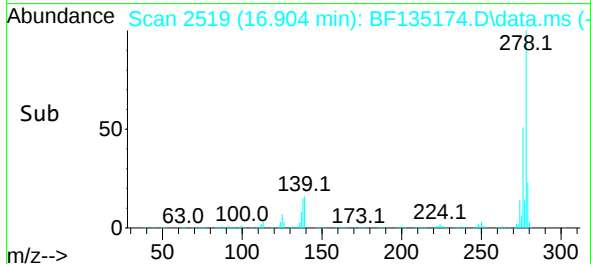
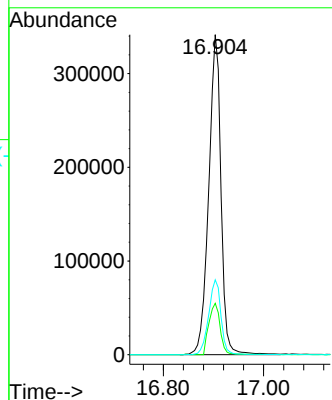
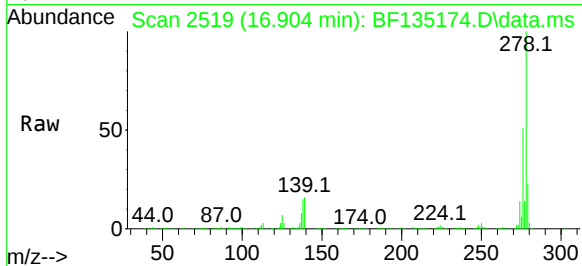
PB155440BS

Tgt Ion:278 Resp: 580370
Ion Ratio Lower Upper
278 100
139 16.1 13.4 20.0
279 23.4 19.0 28.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.804 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135174.D
Acq: 12 Sep 2023 11:00

Tgt Ion:276 Resp: 598254
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.2 16.9 25.3

