

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135511.D
 Acq On : 29 Sep 2023 12:27
 Operator : CG\JU
 Sample : PB155928BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155928BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 00:17:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	159328	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	619257	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	306173	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	569724	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	294757	20.000	ng	0.00
86) Perylene-d12	15.392	264	294495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1262740	128.903	ng	0.01
7) Phenol-d6	6.404	99	1585992	127.325	ng	0.00
23) Nitrobenzene-d5	7.316	82	1030218	90.384	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	346553	113.900	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1663486	81.971	ng	0.00
79) Terphenyl-d14	12.874	244	1626817	85.558	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	186880	43.517	ng	93
3) Pyridine	3.281	79	502039	43.437	ng	93
4) n-Nitrosodimethylamine	3.240	42	311600	50.805	ng	95
6) Aniline	6.416	93	562680	34.448	ng	# 22
8) 2-Chlorophenol	6.539	128	524161	50.124	ng	96
9) Benzaldehyde	6.304	77	119621	16.857	ng	98
10) Phenol	6.416	94	594754	43.544	ng	80
11) bis(2-Chloroethyl)ether	6.492	93	513391	50.108	ng	99
12) 1,3-Dichlorobenzene	6.686	146	505200	47.536	ng	98
13) 1,4-Dichlorobenzene	6.763	146	515730	47.697	ng	99
14) 1,2-Dichlorobenzene	6.916	146	481390	47.941	ng	98
15) Benzyl Alcohol	6.898	79	439504	49.170	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	922523	47.769	ng	89
17) 2-Methylphenol	7.016	107	410668	44.501	ng	# 93
18) Hexachloroethane	7.251	117	193626	48.465	ng	92
19) n-Nitroso-di-n-propyla...	7.169	70	332710	43.123	ng	96
20) 3+4-Methylphenols	7.169	107	489825	44.142	ng	# 83
22) Acetophenone	7.163	105	663303	46.851	ng	97
24) Nitrobenzene	7.333	77	551513	48.954	ng	99
25) Isophorone	7.575	82	1039899	49.684	ng	98
26) 2-Nitrophenol	7.651	139	282107	52.174	ng	92
27) 2,4-Dimethylphenol	7.692	122	420299	46.245	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	643958	51.404	ng	99
29) 2,4-Dichlorophenol	7.892	162	416414	49.446	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	423972	48.165	ng	100
31) Naphthalene	8.051	128	1432226	47.601	ng	100
32) Benzoic acid	7.845	122	347330	50.751	ng	98
33) 4-Chloroaniline	8.104	127	481979	36.511	ng	100
34) Hexachlorobutadiene	8.157	225	235756	44.417	ng	100
35) Caprolactam	8.486	113	145599m	51.513	ng	
36) 4-Chloro-3-methylphenol	8.598	107	455444	48.659	ng	99
37) 2-Methylnaphthalene	8.739	142	890887	44.049	ng	98
38) 1-Methylnaphthalene	8.839	142	862562	45.553	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	417729	47.094	ng	98
41) Hexachlorocyclopentadiene	8.886	237	245195	64.329	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	278412	47.939	ng	100

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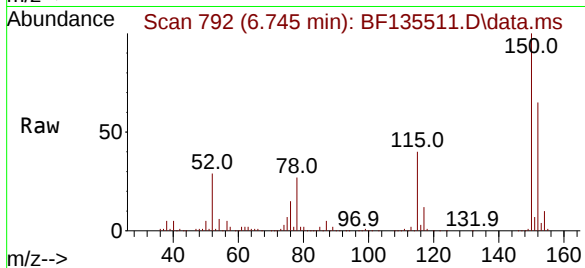
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	304119	45.471	ng	97
46) 1,1'-Biphenyl	9.210	154	1107504	47.070	ng	99
47) 2-Chloronaphthalene	9.233	162	846498	49.585	ng	100
48) 2-Nitroaniline	9.339	65	340523	51.343	ng	98
49) Acenaphthylene	9.645	152	1358815	47.893	ng	99
50) Dimethylphthalate	9.516	163	999453	48.282	ng	100
51) 2,6-Dinitrotoluene	9.586	165	223616	49.311	ng	# 83
52) Acenaphthene	9.822	154	797791	47.600	ng	97
53) 3-Nitroaniline	9.751	138	214733	40.340	ng	100
54) 2,4-Dinitrophenol	9.874	184	219286	84.776	ng	93
55) Dibenzofuran	9.992	168	1124627	43.972	ng	99
56) 4-Nitrophenol	9.939	139	286579	84.709	ng	97
57) 2,4-Dinitrotoluene	9.992	165	252395	44.458	ng	# 78
58) Fluorene	10.339	166	906781	46.118	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.116	232	241326	46.907	ng	99
60) Diethylphthalate	10.216	149	987913	47.554	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	415967	44.041	ng	96
62) 4-Nitroaniline	10.374	138	250743	49.004	ng	99
63) Azobenzene	10.492	77	1023696	50.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	148301	49.009	ng	86
66) n-Nitrosodiphenylamine	10.451	169	844133	48.940	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	269988	47.648	ng	93
68) Hexachlorobenzene	10.886	284	284415	49.269	ng	# 93
69) Atrazine	10.986	200	261960	56.445	ng	99
70) Pentachlorophenol	11.086	266	264593	76.609	ng	98
71) Phenanthrene	11.304	178	1320878	49.020	ng	98
72) Anthracene	11.357	178	1361098	49.142	ng	99
73) Carbazole	11.516	167	1301918	51.636	ng	99
74) Di-n-butylphthalate	11.845	149	1522198	51.235	ng	99
75) Fluoranthene	12.498	202	1392086	49.581	ng	99
77) Benzidine	12.621	184	602705	99.808	ng	100
78) Pyrene	12.727	202	1408412	50.187	ng	99
80) Butylbenzylphthalate	13.351	149	555738	56.246	ng	99
81) Benzo(a)anthracene	13.921	228	963769	50.636	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	273283	45.968	ng	# 99
83) Chrysene	13.962	228	934872	49.403	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	661353	65.227	ng	99
85) Di-n-octyl phthalate	14.527	149	982640	60.984	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	969516	50.210	ng	96
88) Benzo(b)fluoranthene	14.968	252	857461	53.786	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	694995	44.132	ng	# 98
90) Benzo(a)pyrene	15.333	252	724351	47.646	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	783035	49.562	ng	98
92) Benzo(g,h,i)perylene	17.321	276	826588	50.096	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

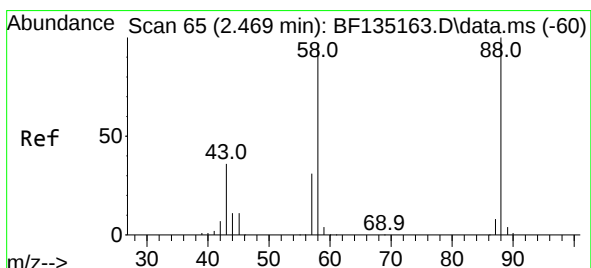
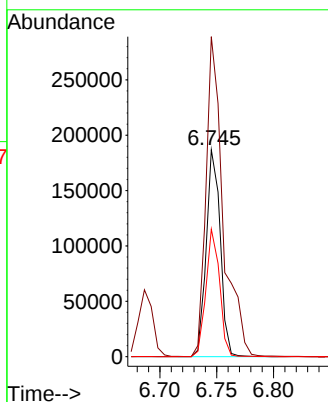
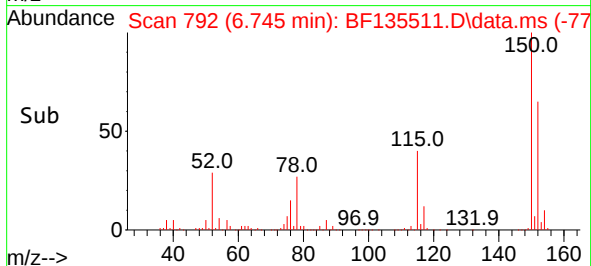
Instrument :
BNA_F
ClientSampleId :
PB155928BS



Tgt Ion:152 Resp: 159328
Ion Ratio Lower Upper
152 100
150 154.7 127.8 191.6
115 61.7 49.8 74.8

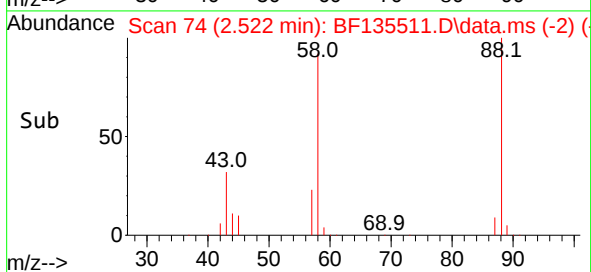
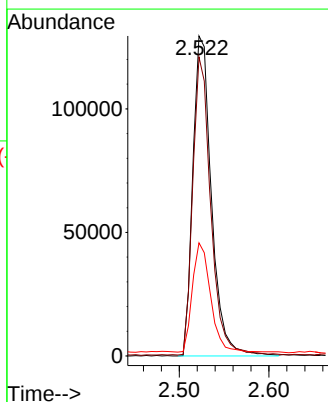
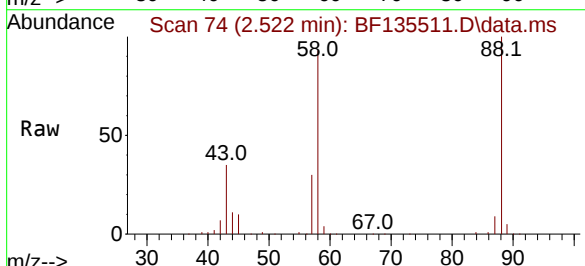
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#2
1,4-Dioxane
Concen: 43.517 ng
RT: 2.522 min Scan# 74
Delta R.T. 0.076 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

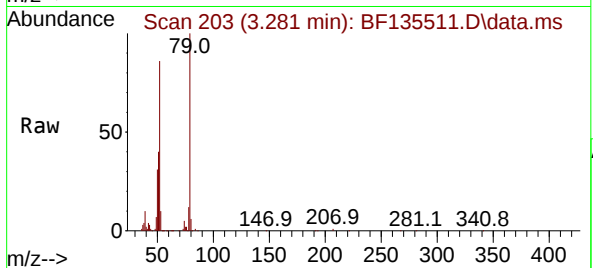
Tgt Ion: 88 Resp: 186880
Ion Ratio Lower Upper
88 100
58 89.8 78.3 117.5
43 34.1 29.4 44.0





#3
Pyridine
Concen: 43.437 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

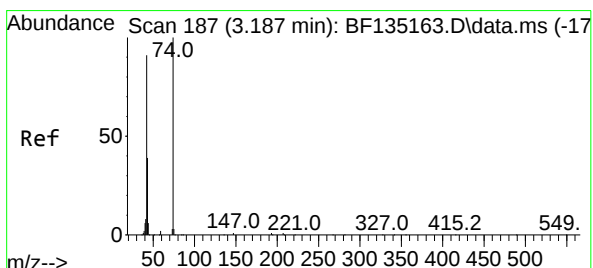
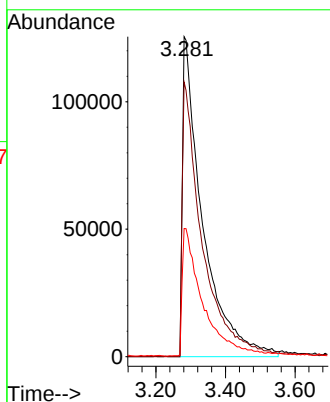
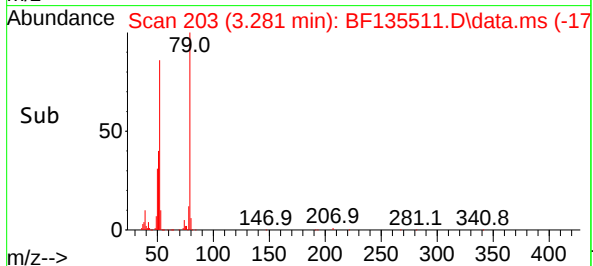
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BNA_F
ClientSampleId :
PB155928BS



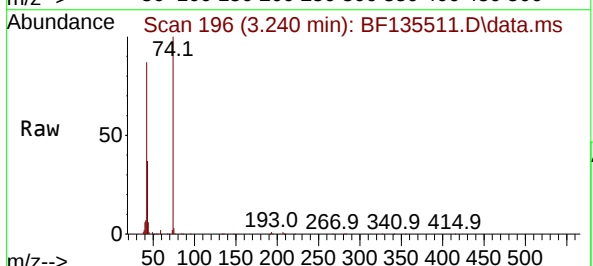
Tgt Ion: 79 Resp: 502039
Ion Ratio Lower Upper
79 100
52 85.8 74.1 111.1
51 40.0 35.8 53.8

Manual Integrations
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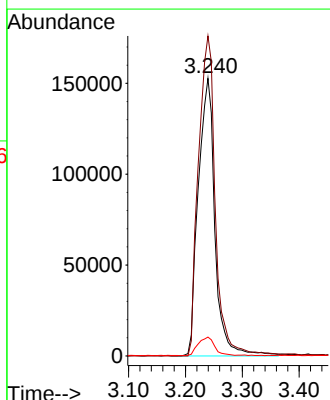
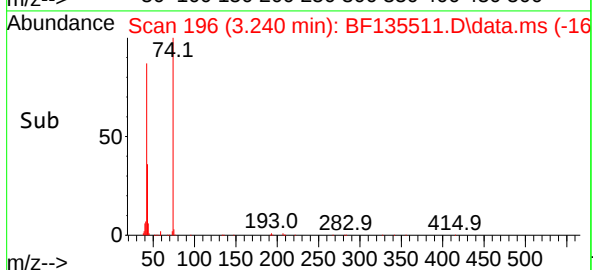
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

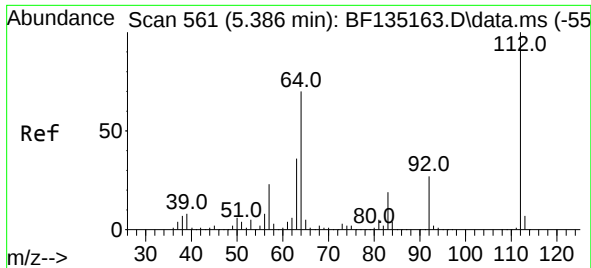


#4
n-Nitrosodimethylamine
Concen: 50.805 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.070 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion: 42 Resp: 311600
Ion Ratio Lower Upper
42 100
74 115.2 87.7 131.5
44 6.8 5.6 8.4





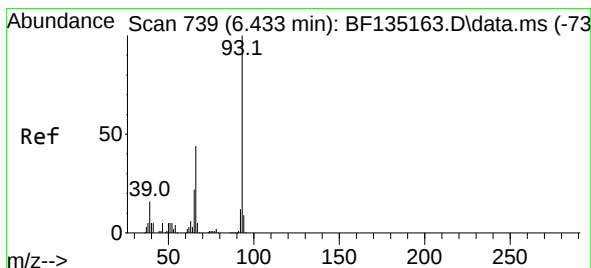
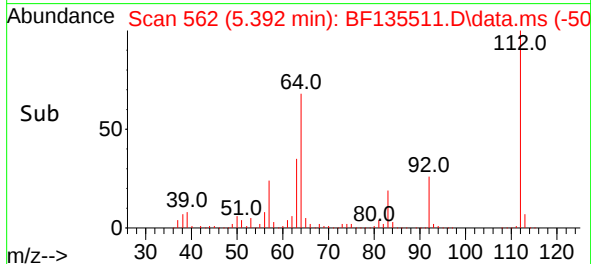
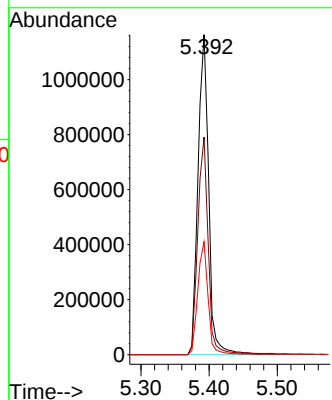
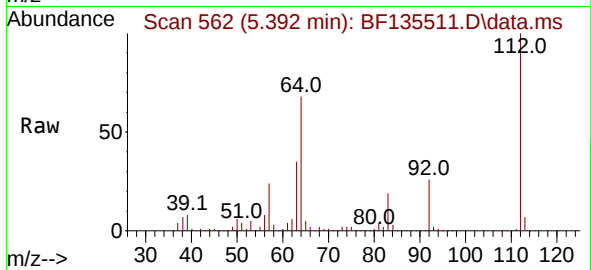
#5
2-Fluorophenol
Concen: 128.903 ng
RT: 5.392 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB155928BS

Tgt Ion:112 Resp: 1262740
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 35.2 29.0 43.6

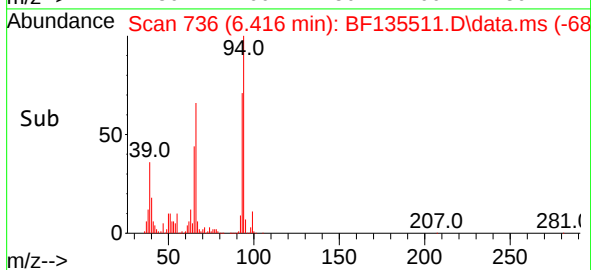
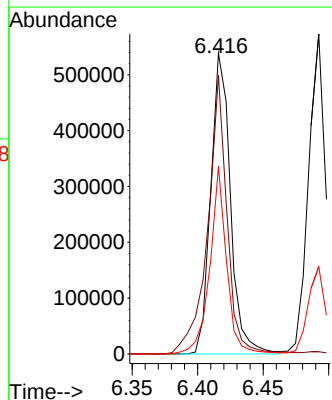
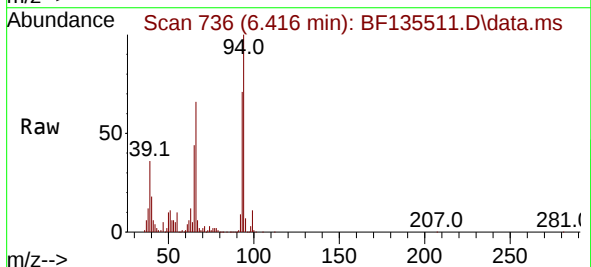
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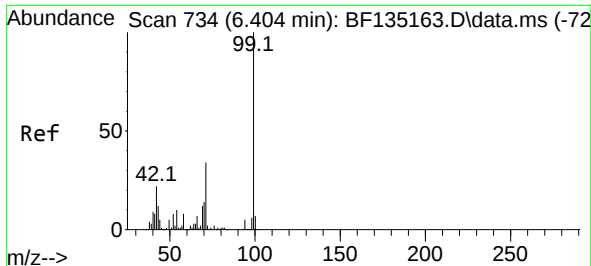
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#6
Aniline
Concen: 34.448 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

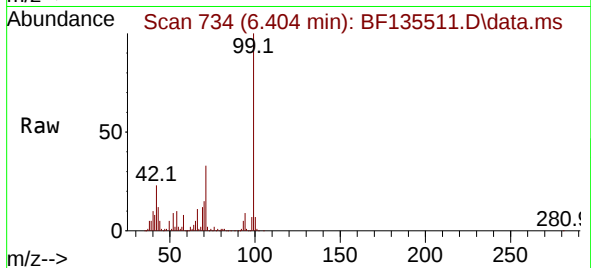
Tgt Ion: 93 Resp: 562680
Ion Ratio Lower Upper
93 100
66 92.7 35.4 53.0#
65 62.4 17.8 26.8#





#7
Phenol-d6
Concen: 127.325 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

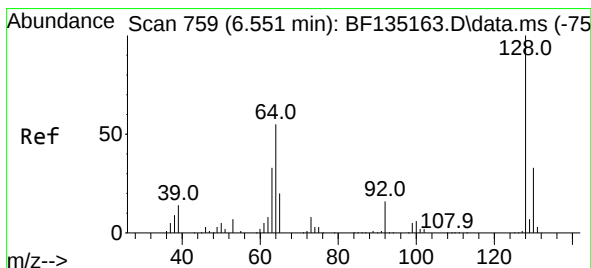
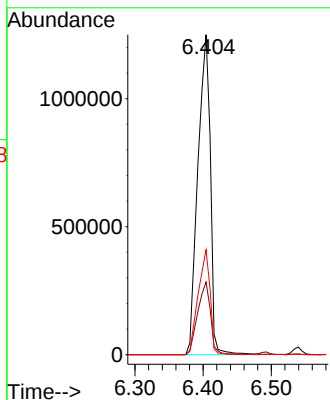
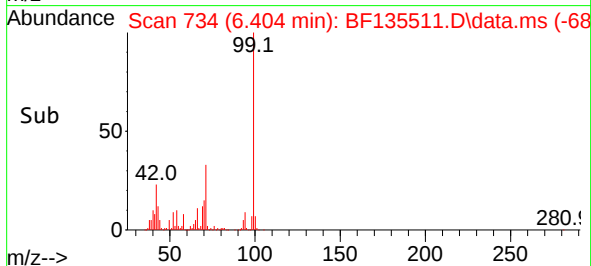
Instrument :
BNA_F
ClientSampleId :
PB155928BS



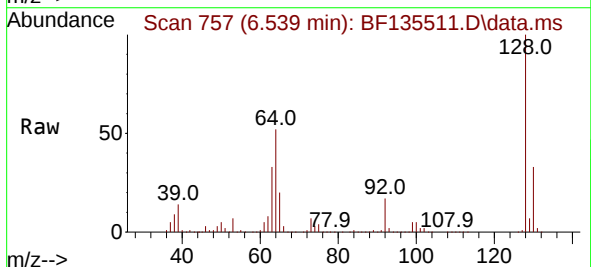
Tgt Ion: 99 Resp: 1585992
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.7 27.0 40.6

Manual Integrations
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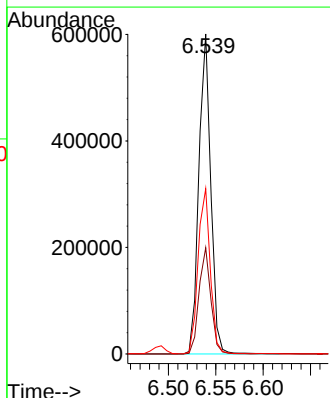
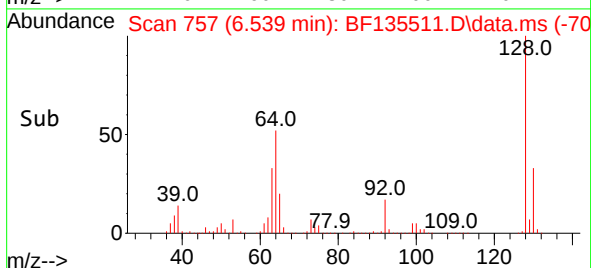
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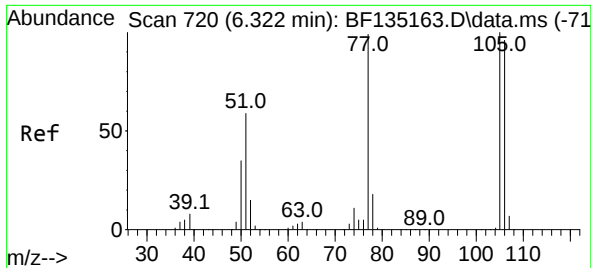


#8
2-Chlorophenol
Concen: 50.124 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion:128 Resp: 524161
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 51.7 35.9 75.9





#9

Benzaldehyde

Concen: 16.857 ng

RT: 6.304 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

Tgt Ion: 77 Resp: 11962

Ion Ratio Lower Upper

77 100

105 98.5 81.4 121.4

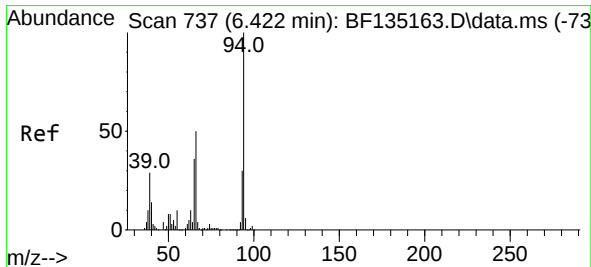
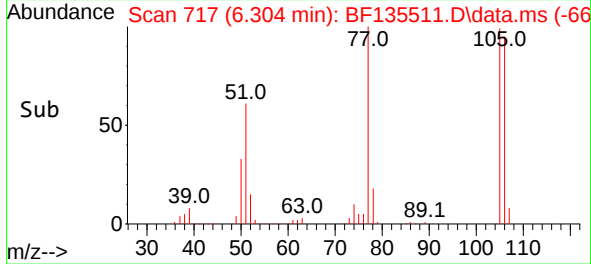
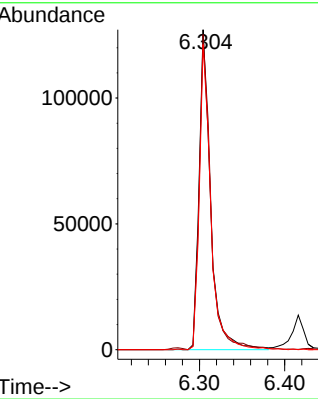
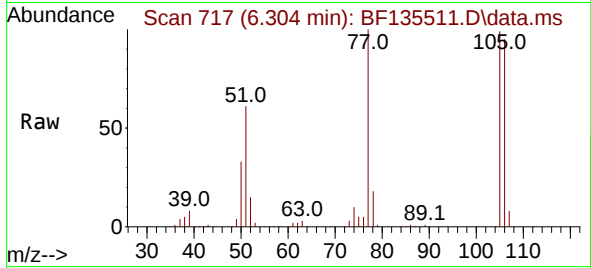
106 95.4 76.9 116.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#10

Phenol

Concen: 43.544 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

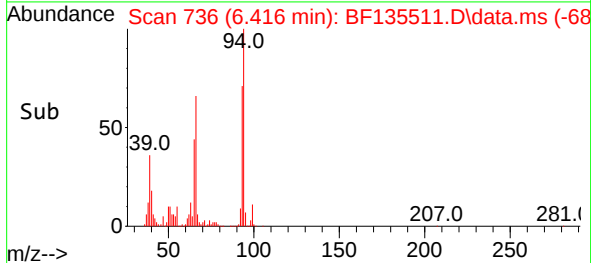
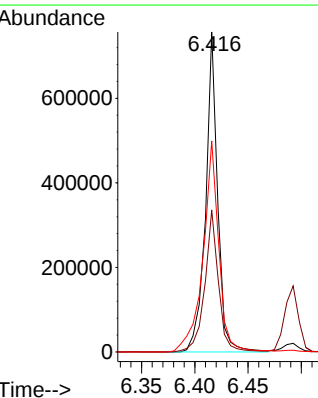
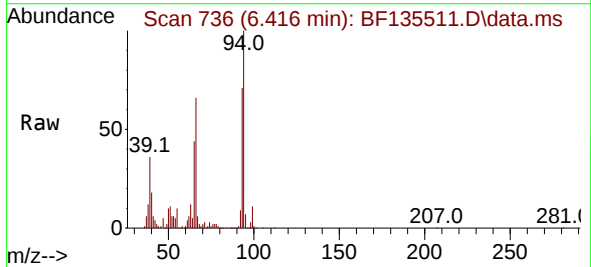
Tgt Ion: 94 Resp: 594754

Ion Ratio Lower Upper

94 100

65 44.4 15.9 55.9

66 66.0 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 50.108 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

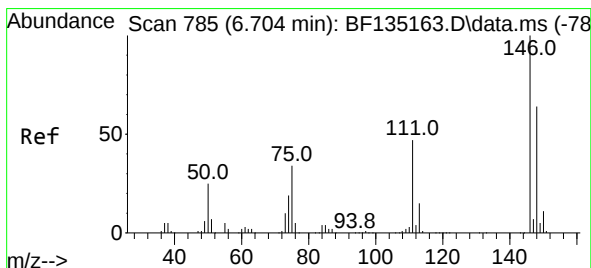
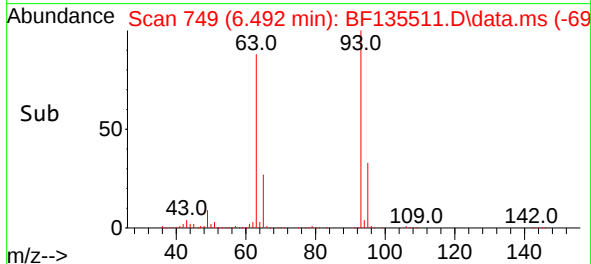
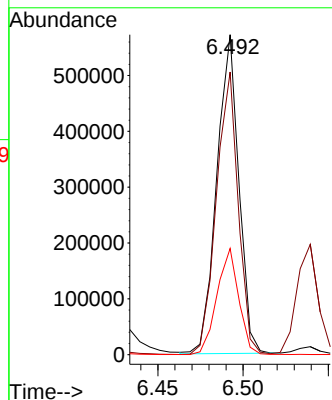
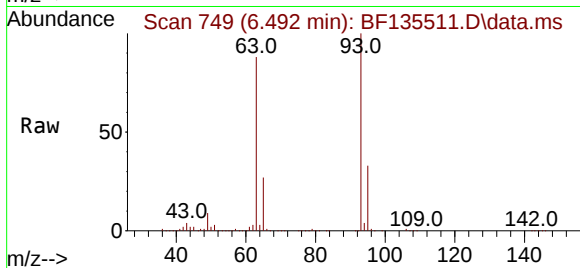
ClientSampleId :

PB155928BS

Tgt Ion: 93 Resp: 51339
Ion Ratio Lower Upper
93 100
63 88.4 67.3 107.3
95 33.2 12.7 52.7

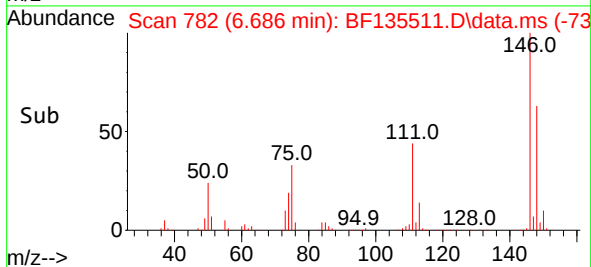
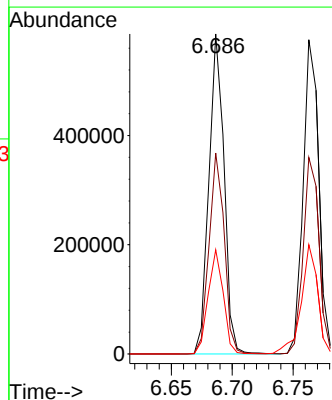
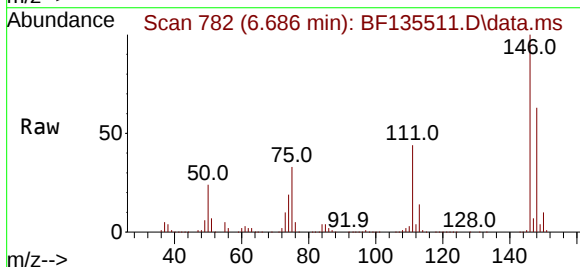
Manual Integrations
APPROVED

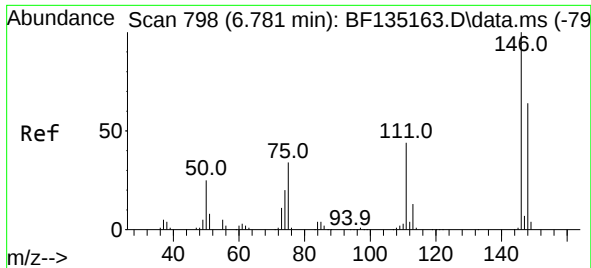
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#12
1,3-Dichlorobenzene
Concen: 47.536 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:146 Resp: 505200
Ion Ratio Lower Upper
146 100
148 62.8 51.3 76.9
75 32.6 27.4 41.2





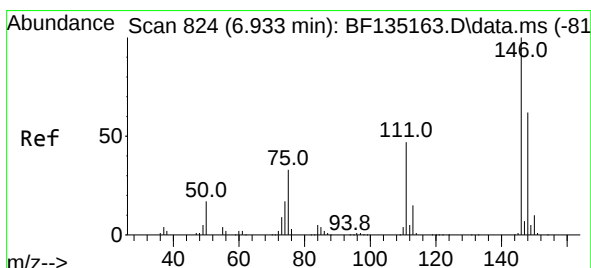
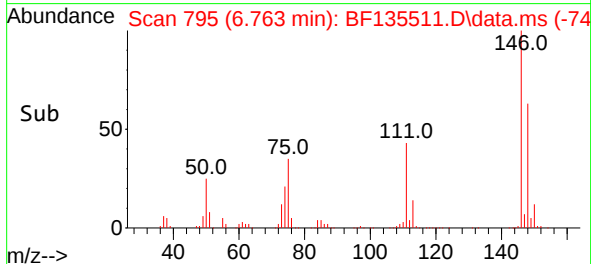
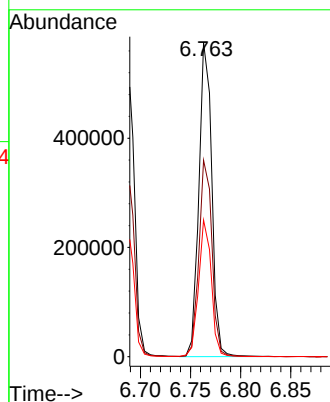
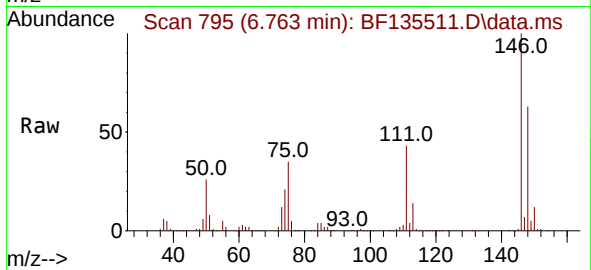
#13
1,4-Dichlorobenzene
Concen: 47.697 ng
RT: 6.763 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB155928BS

Tgt Ion:146 Resp: 515730
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
111 43.5 35.1 52.7

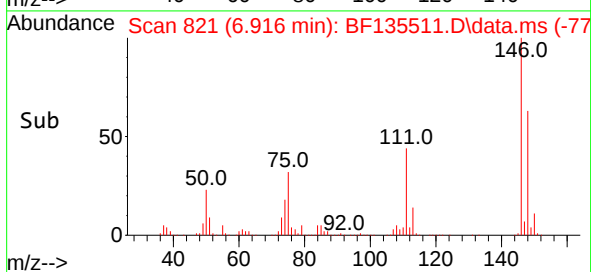
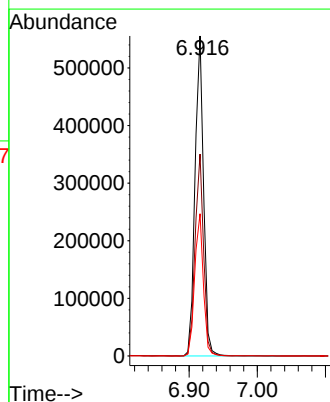
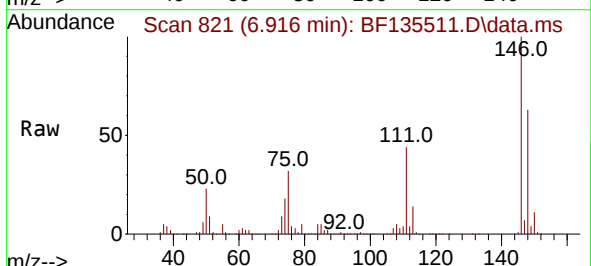
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#14
1,2-Dichlorobenzene
Concen: 47.941 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:146 Resp: 481390
Ion Ratio Lower Upper
146 100
148 63.1 49.7 74.5
111 44.4 37.4 56.2





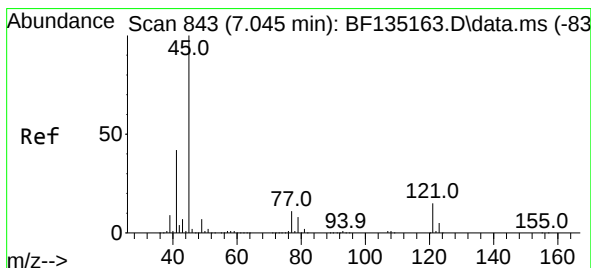
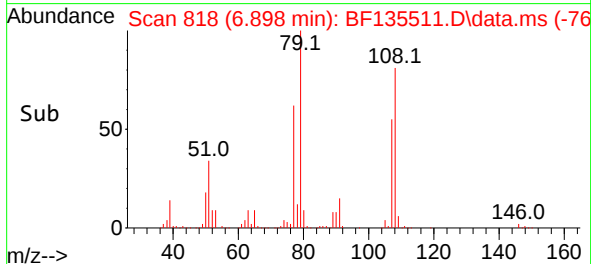
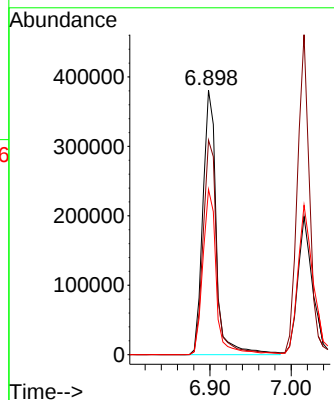
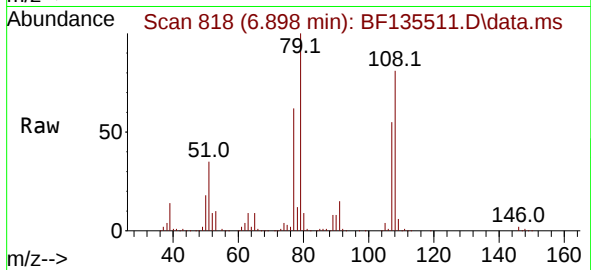
#15
Benzyl Alcohol
Concen: 49.170 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB155928BS

Tgt Ion: 79 Resp: 439504
Ion Ratio Lower Upper
79 100
108 81.1 61.2 91.8
77 62.5 50.5 75.7

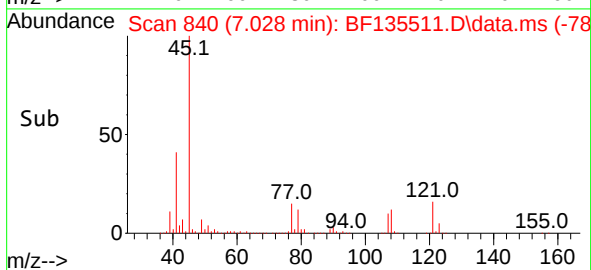
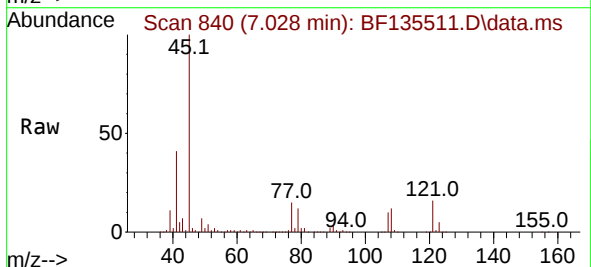
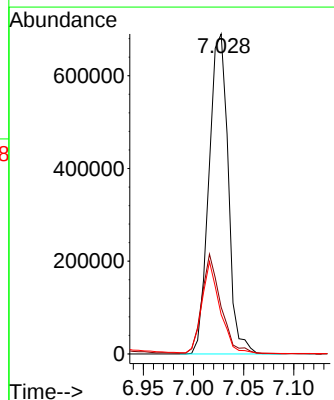
Manual Integrations
APPROVED

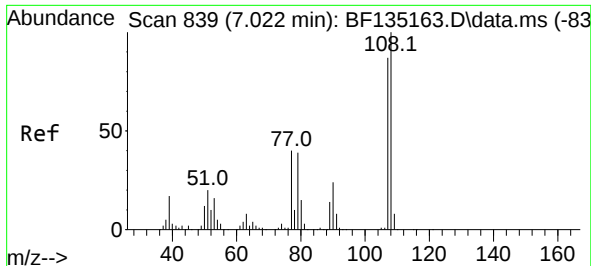
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.769 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

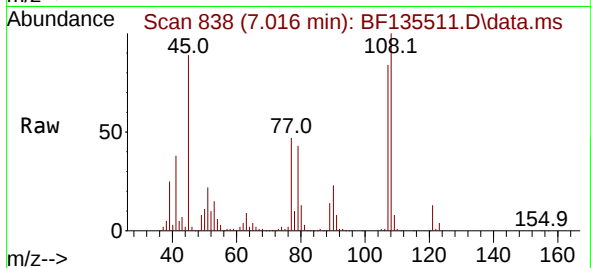
Tgt Ion: 45 Resp: 922523
Ion Ratio Lower Upper
45 100
77 14.6 0.0 30.6
79 12.3 0.0 28.3





#17
2-Methylphenol
Concen: 44.501 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

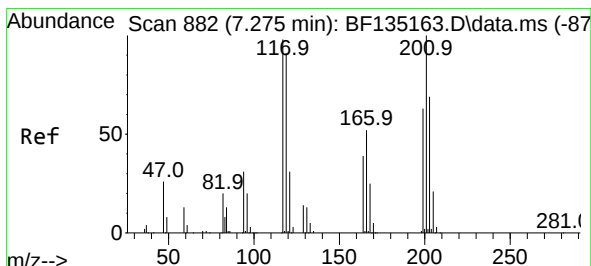
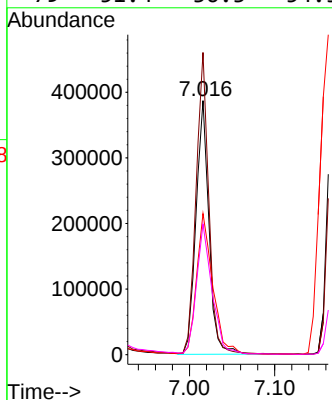
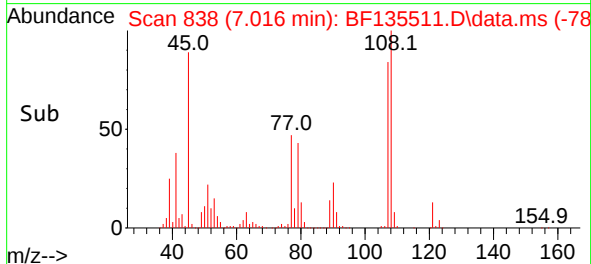
Instrument :
BNA_F
ClientSampleId :
PB155928BS



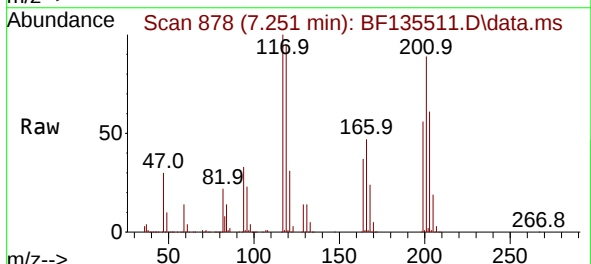
Tgt Ion:107 Resp: 410668
Ion Ratio Lower Upper
107 100
108 119.0 92.0 138.0
77 55.5 36.7 55.1
79 51.4 36.3 54.5

Manual Integrations
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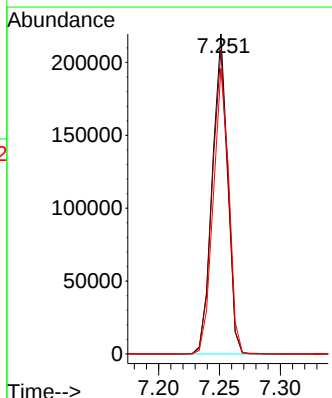
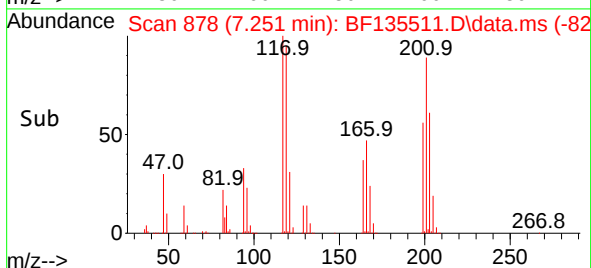
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#18
Hexachloroethane
Concen: 48.465 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion:117 Resp: 193626
Ion Ratio Lower Upper
117 100
119 95.0 74.7 112.1
201 89.3 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.123 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF135511.D

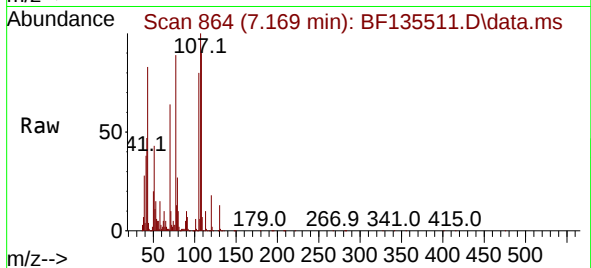
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS



Tgt Ion: 70 Resp: 332710

Ion Ratio Lower Upper

70 100

42 73.4 55.4 83.0

101 9.6 7.7 11.5

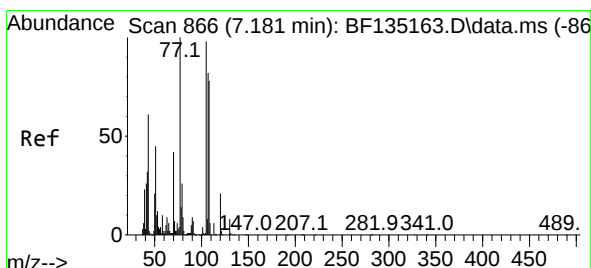
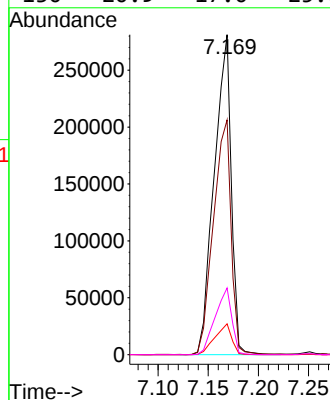
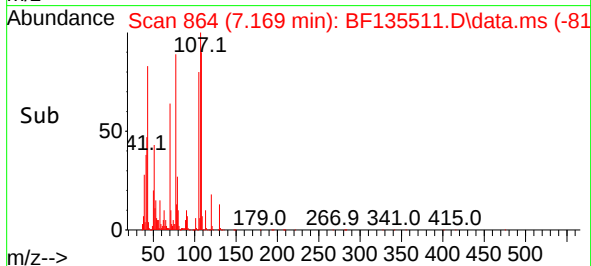
130 20.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#20

3+4-Methylphenols

Concen: 44.142 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Tgt Ion:107 Resp: 489825

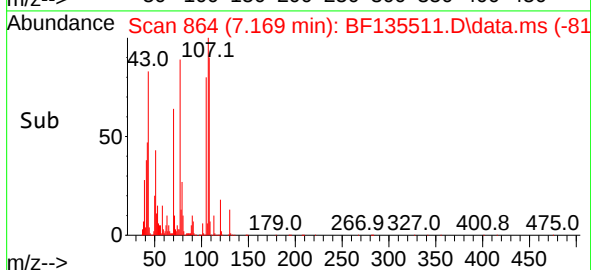
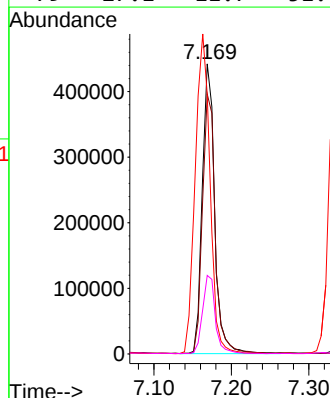
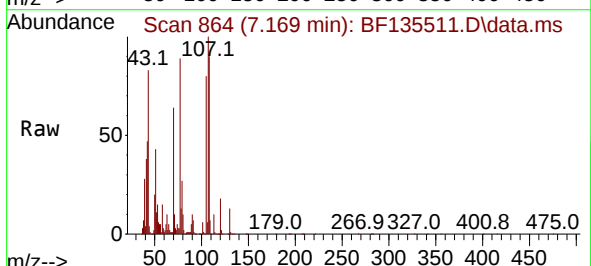
Ion Ratio Lower Upper

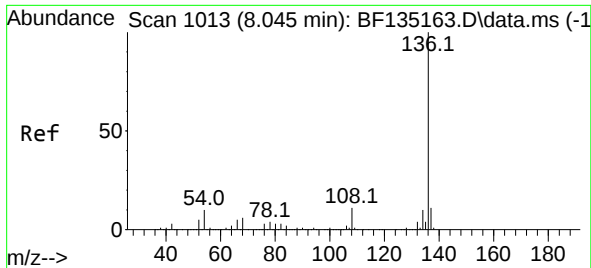
107 100

108 89.6 74.7 114.7

77 89.5 102.0 142.0#

79 27.1 11.7 51.7





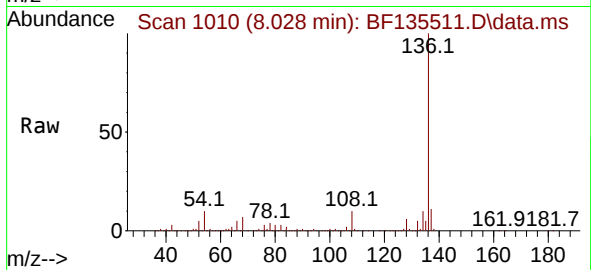
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

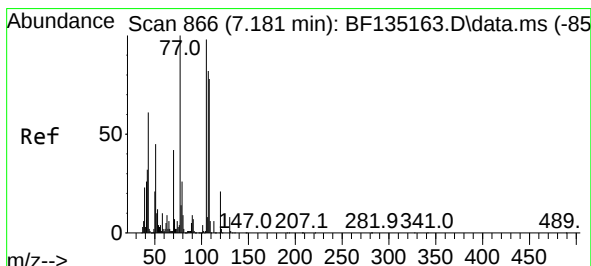
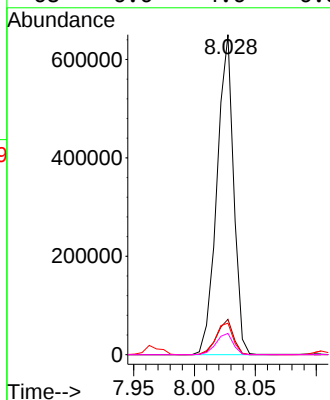
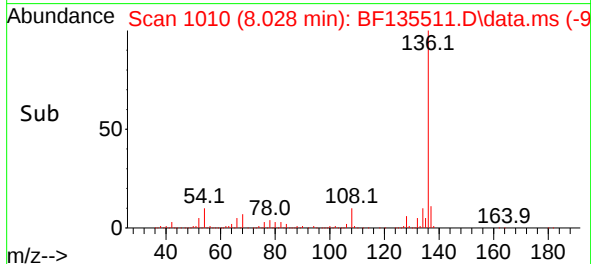


Tgt Ion:136 Resp: 61925
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.9 7.7 11.5
68 6.6 4.6 6.8

Manual Integrations

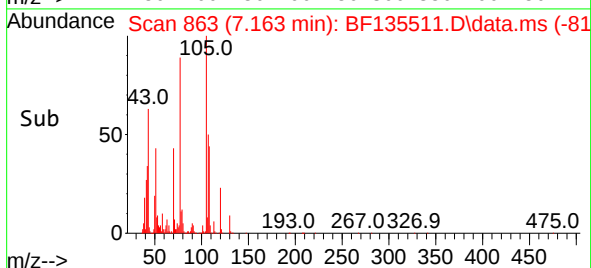
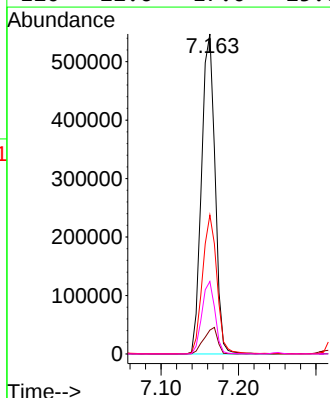
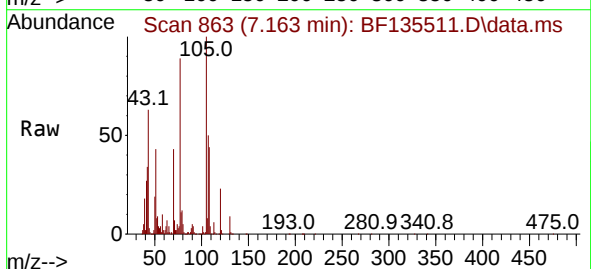
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#22
Acetophenone
Concen: 46.851 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:105 Resp: 663303
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.6
51 43.4 37.0 55.4
120 22.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 90.384 ng
RT: 7.316 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

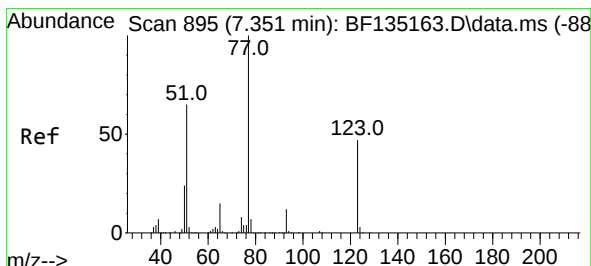
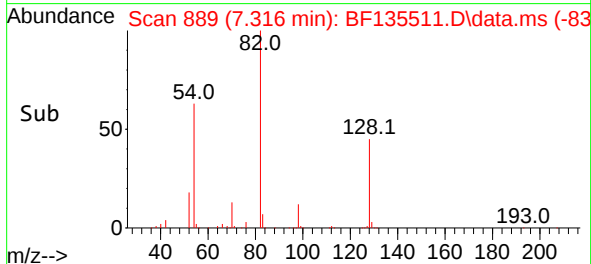
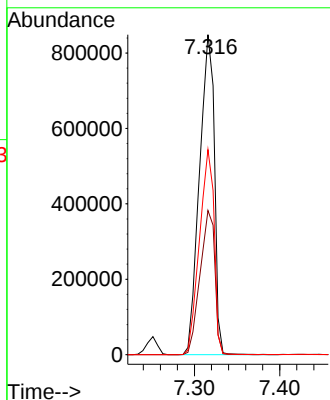
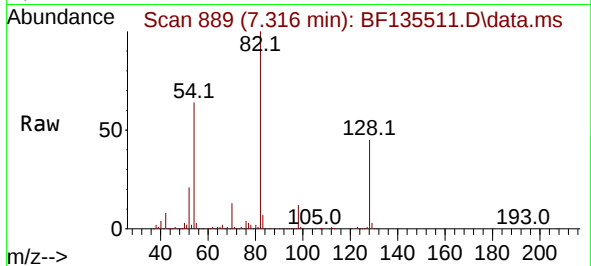
ClientSampleId :

PB155928BS

Tgt Ion: 82 Resp: 1030218
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.6
54 64.1 50.6 76.0

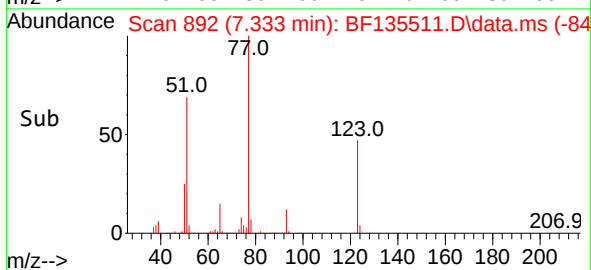
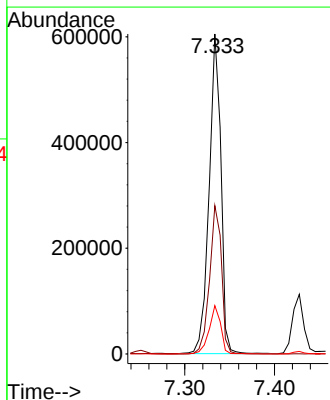
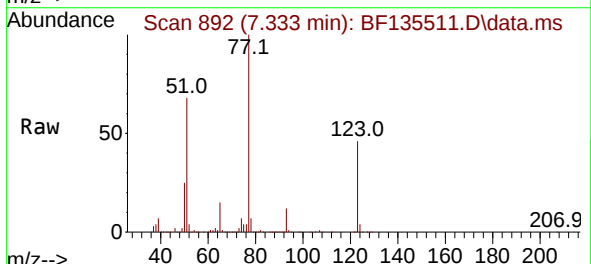
Manual Integrations
APPROVED

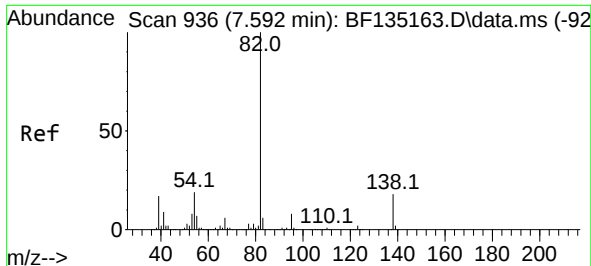
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#24
Nitrobenzene
Concen: 48.954 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion: 77 Resp: 551513
Ion Ratio Lower Upper
77 100
123 46.4 37.6 56.4
65 15.1 12.2 18.4





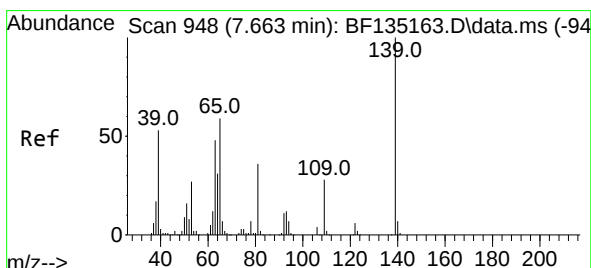
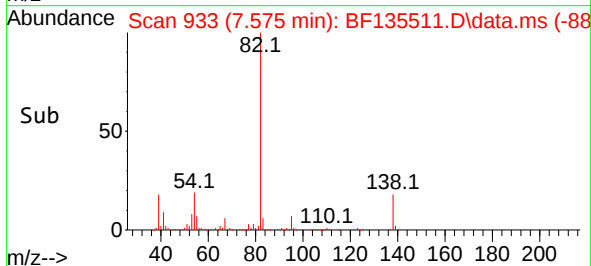
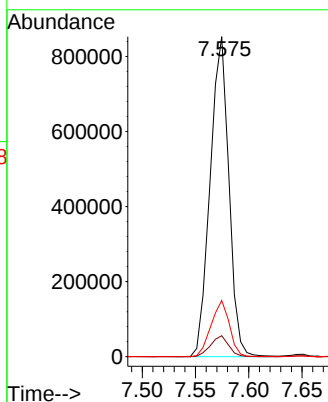
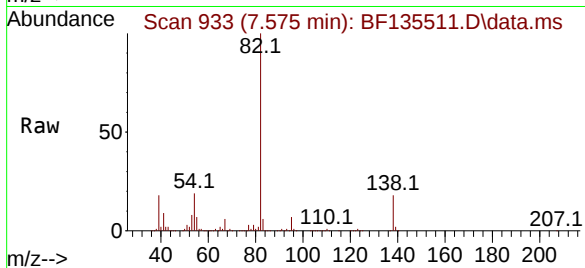
#25
Isophorone
Concen: 49.684 ng
RT: 7.575 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB155928BS

Tgt Ion: 82 Resp: 1039899
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 17.6 14.5 21.7

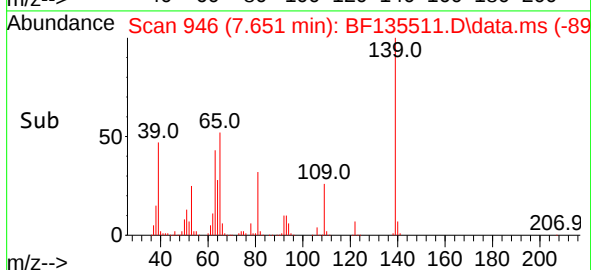
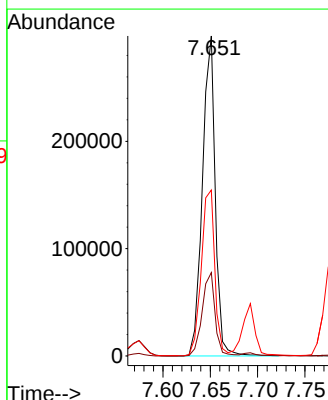
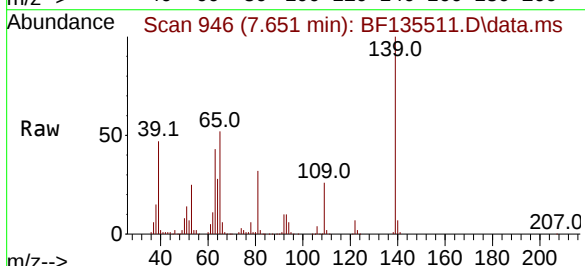
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#26
2-Nitrophenol
Concen: 52.174 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:139 Resp: 282107
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 51.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.245 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135511.D

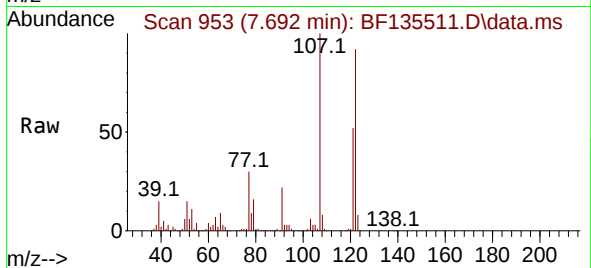
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS



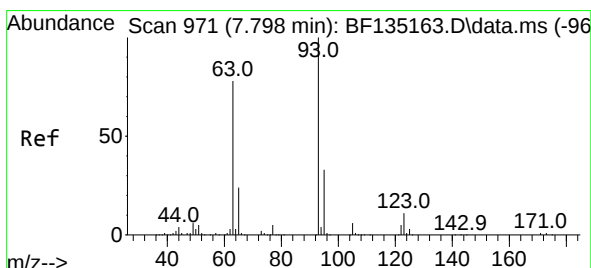
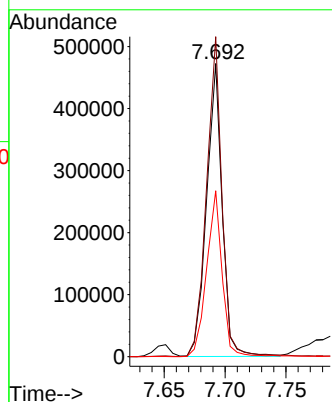
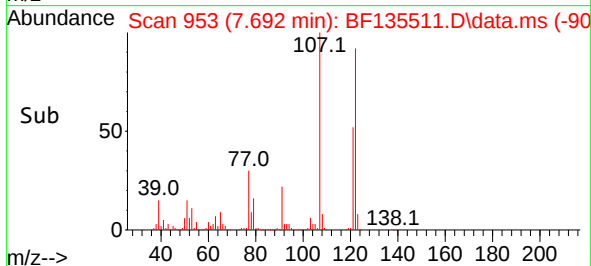
Tgt Ion:	122	Resp:	420298
Ion	Ratio	Lower	Upper
122	100		
107	109.1	90.2	135.4
121	56.6	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 51.404 ng

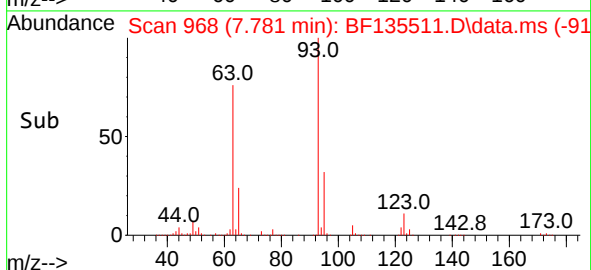
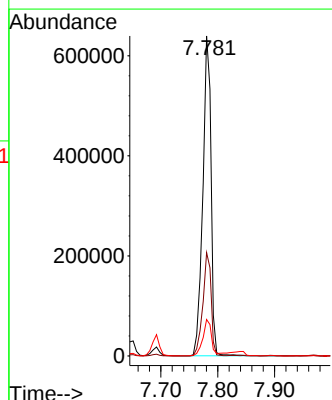
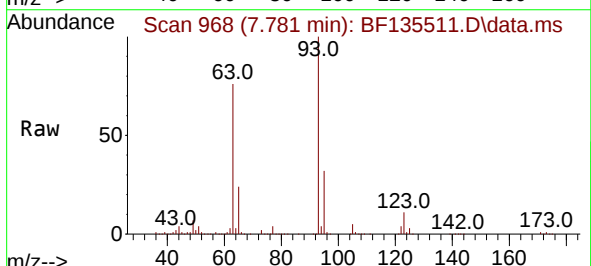
RT: 7.781 min Scan# 968

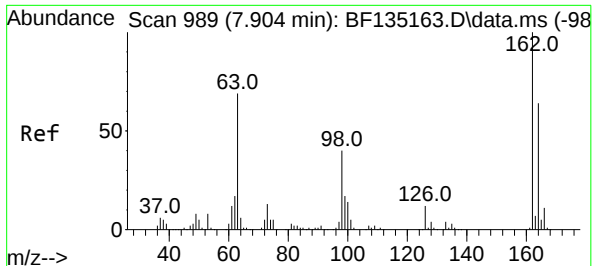
Delta R.T. -0.006 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Tgt Ion:	93	Resp:	643958
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	11.4	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 49.446 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

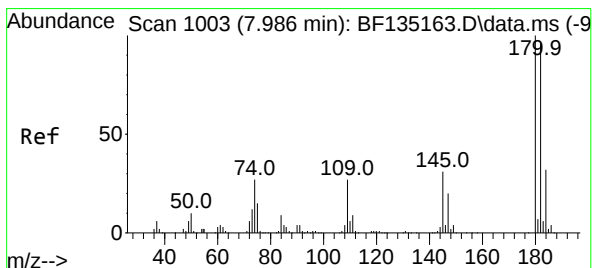
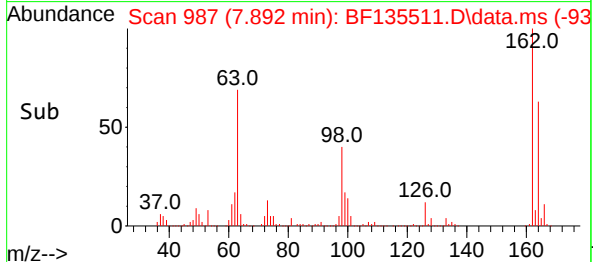
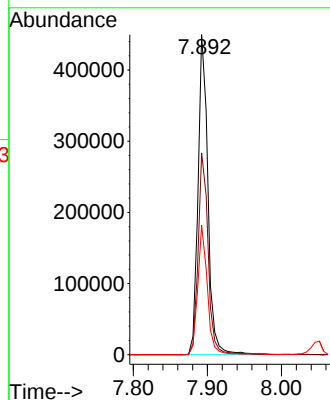
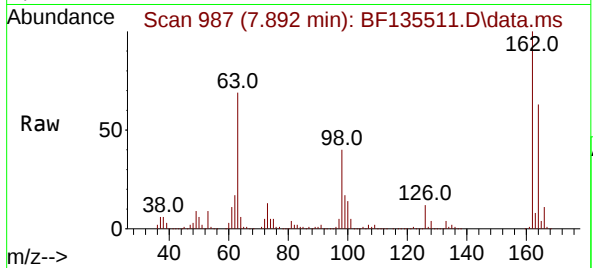
Tgt Ion:162	Resp: 416414
Ion Ratio	Lower Upper
162 100	
164 63.1	44.1 84.1
98 40.4	20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.165 ng

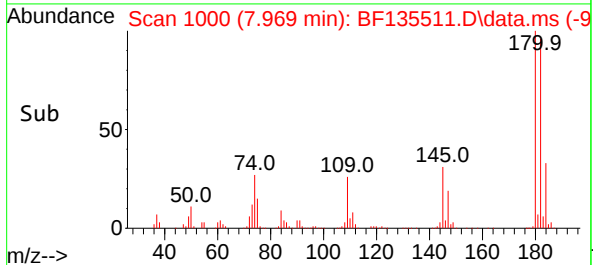
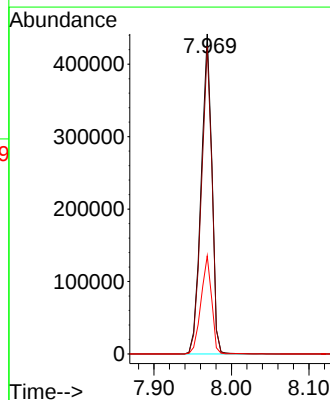
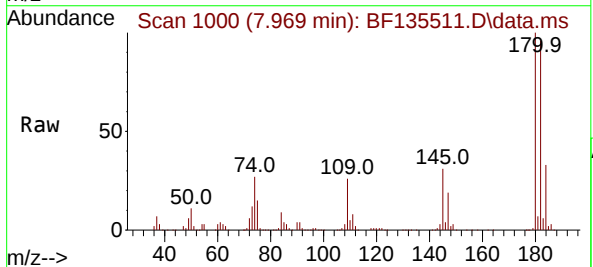
RT: 7.969 min Scan# 1000

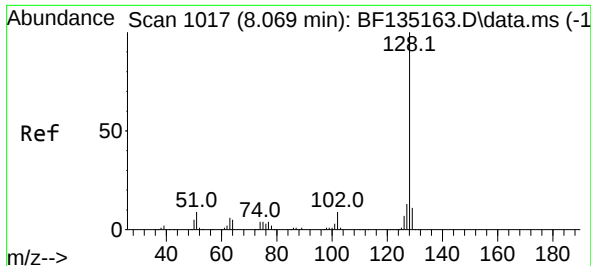
Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Tgt Ion:180	Resp: 423972
Ion Ratio	Lower Upper
180 100	
182 96.1	76.9 115.3
145 30.6	24.5 36.7





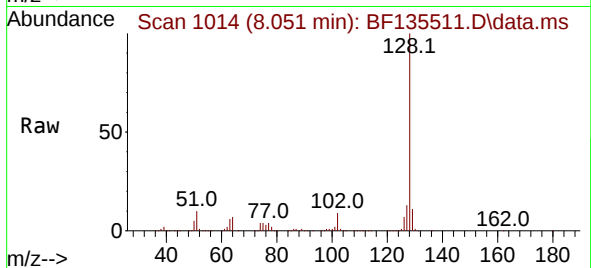
#31
Naphthalene
Concen: 47.601 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

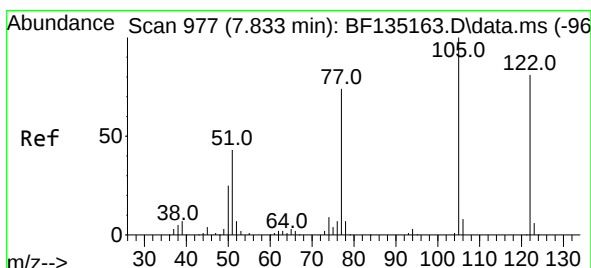
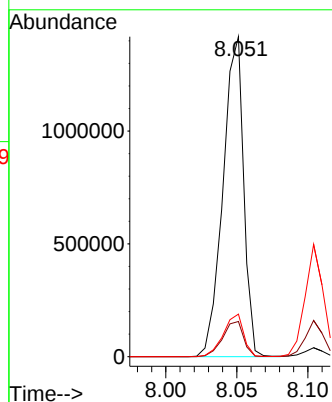
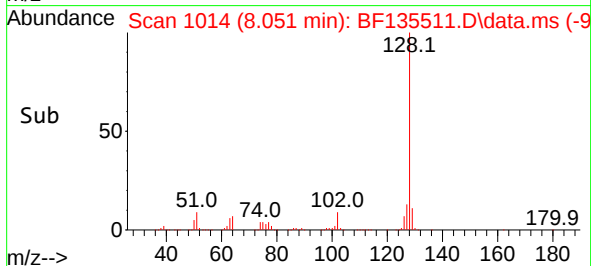


Tgt Ion:128 Resp: 1432220
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

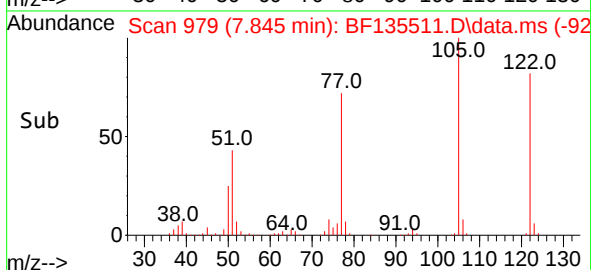
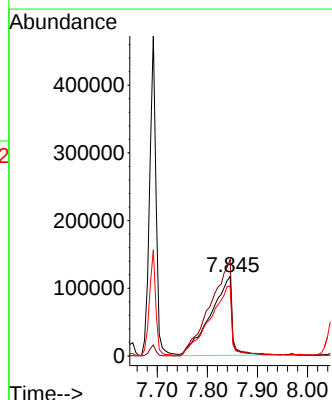
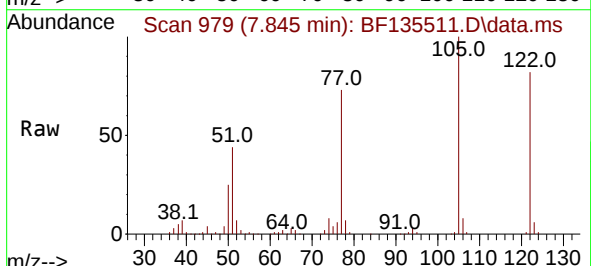
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#32
Benzoic acid
Concen: 50.751 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:122 Resp: 347330
Ion Ratio Lower Upper
122 100
105 121.3 99.9 139.9
77 88.1 70.0 110.0





#33
4-Chloroaniline
Concen: 36.511 ng
RT: 8.104 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

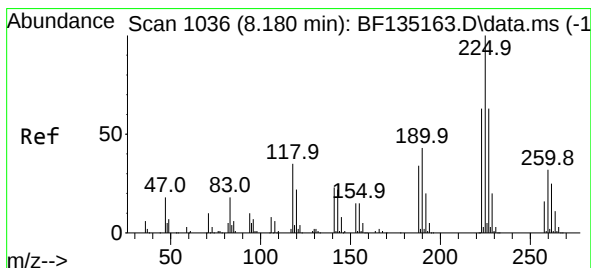
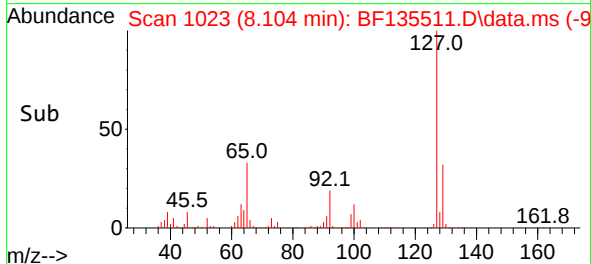
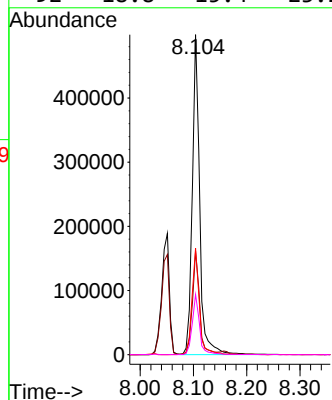
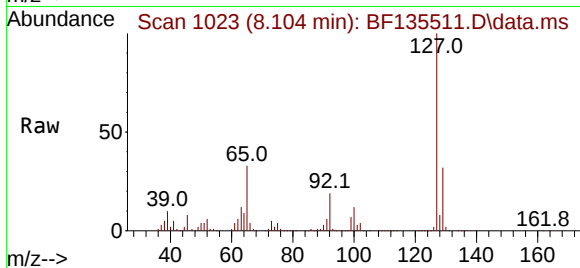
PB155928BS

Tgt Ion:127 Resp: 481979
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 33.3 26.6 39.8
92 18.8 15.4 23.2

Manual Integrations

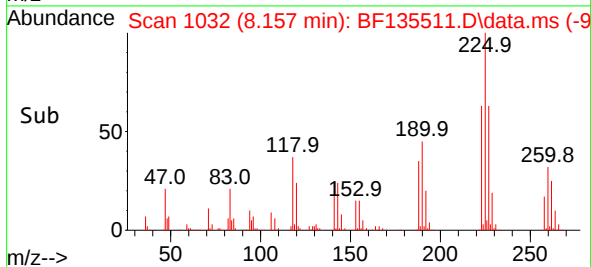
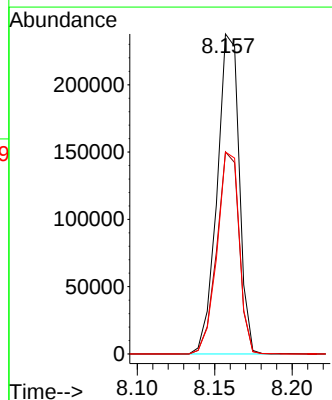
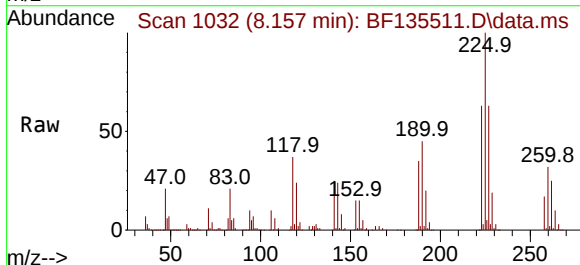
APPROVED

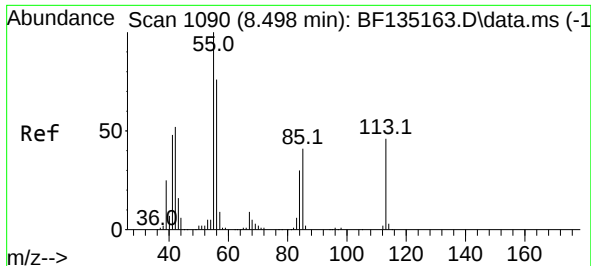
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#34
Hexachlorobutadiene
Concen: 44.417 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:225 Resp: 235756
Ion Ratio Lower Upper
225 100
223 63.1 50.6 75.8
227 63.1 50.8 76.2





#35
 Caprolactam
 Concen: 51.513 ng m
 RT: 8.486 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF135511.D
 Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

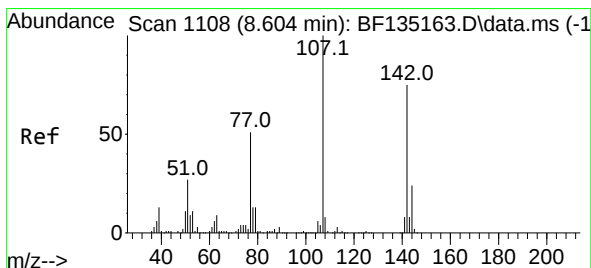
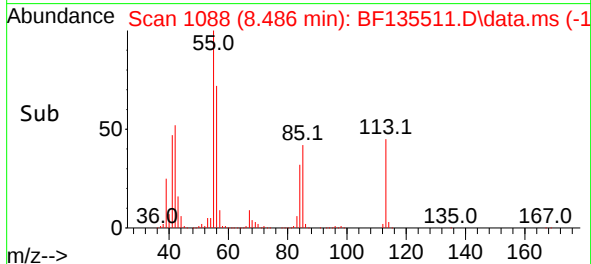
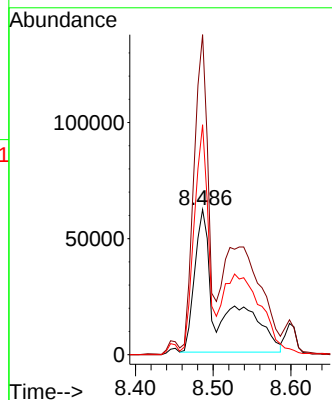
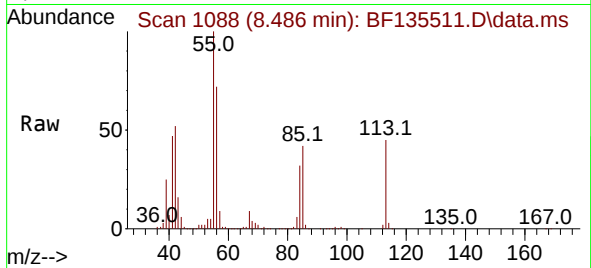
PB155928BS

Tgt Ion:113 Resp: 145598
 Ion Ratio Lower Upper
 113 100
 55 220.6 199.3 239.3
 56 158.5 146.3 186.3

Manual Integrations

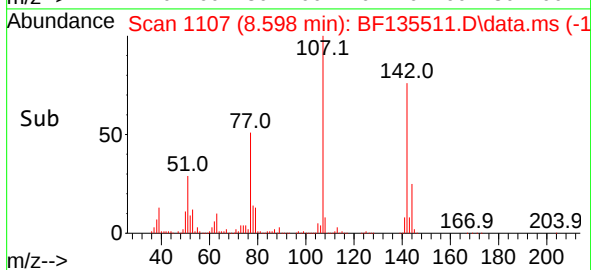
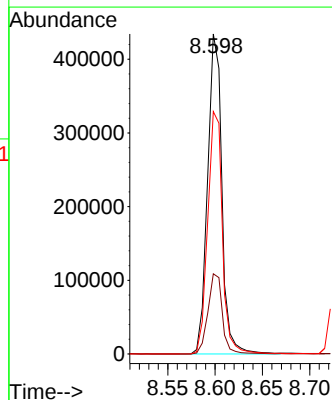
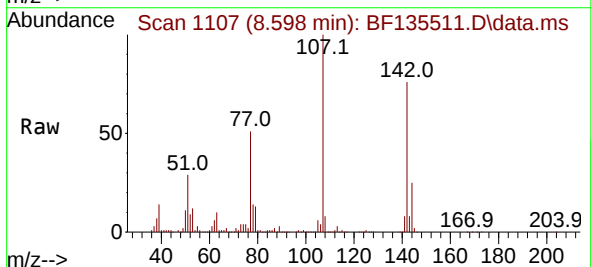
APPROVED

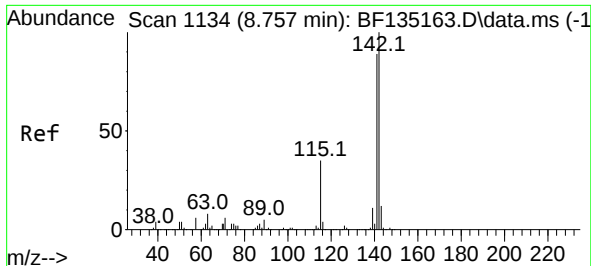
Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.659 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135511.D
 Acq: 29 Sep 2023 12:27

Tgt Ion:107 Resp: 455444
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.0 28.4
 142 75.8 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.049 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

Tgt Ion:142 Resp: 89088

Ion Ratio Lower Upper

142 100

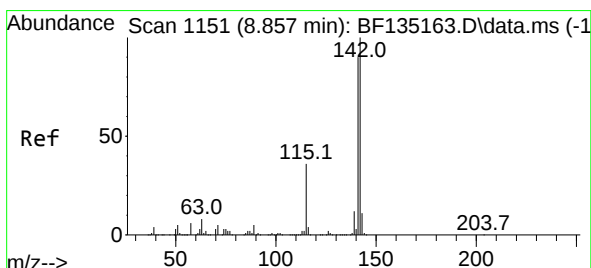
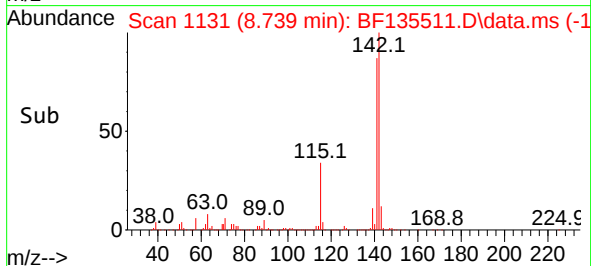
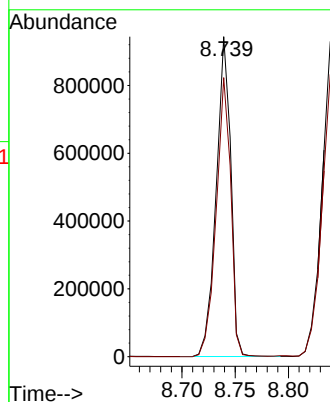
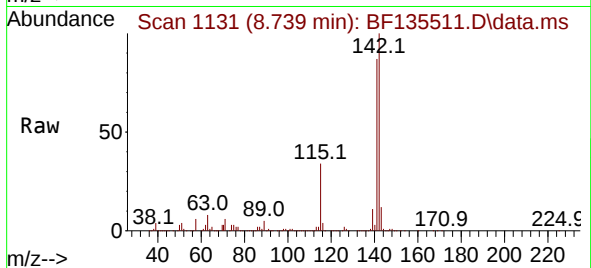
141 87.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#38

1-Methylnaphthalene

Concen: 45.553 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135511.D

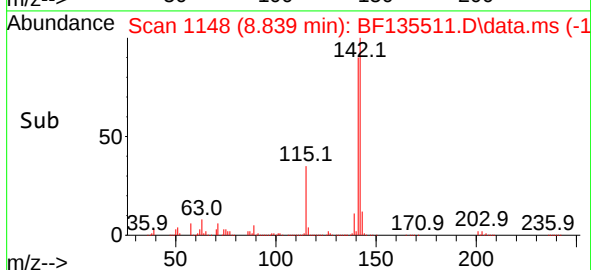
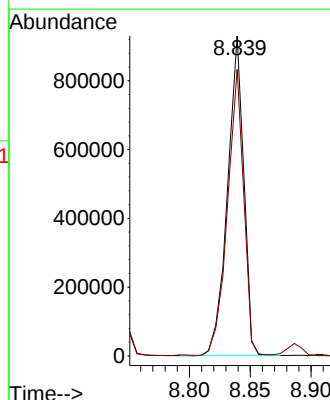
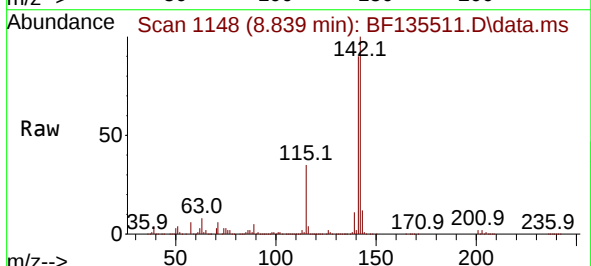
Acq: 29 Sep 2023 12:27

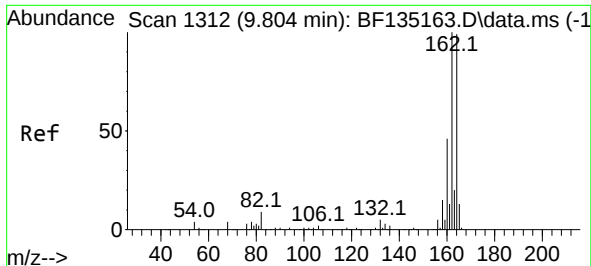
Tgt Ion:142 Resp: 862562

Ion Ratio Lower Upper

142 100

141 89.5 72.4 108.6





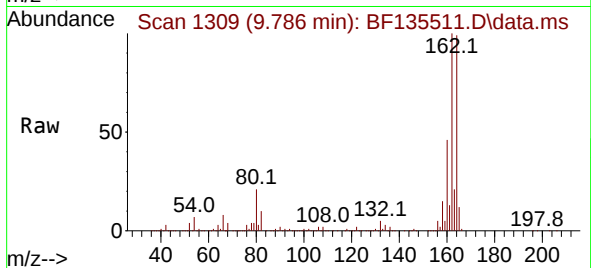
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

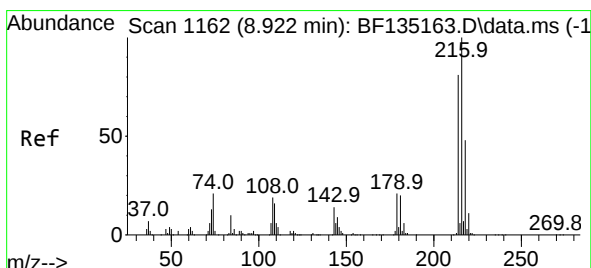
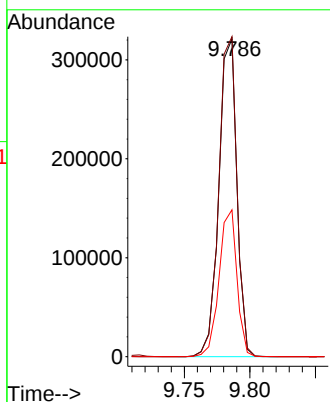
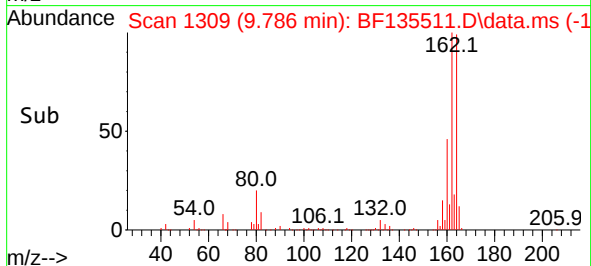


Tgt Ion:164 Resp: 30617
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 46.2 37.0 55.4

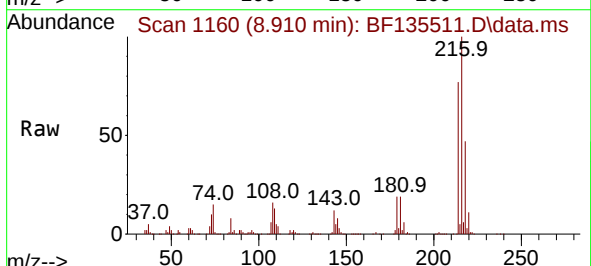
Manual Integrations

APPROVED

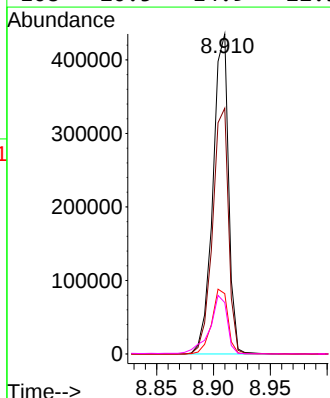
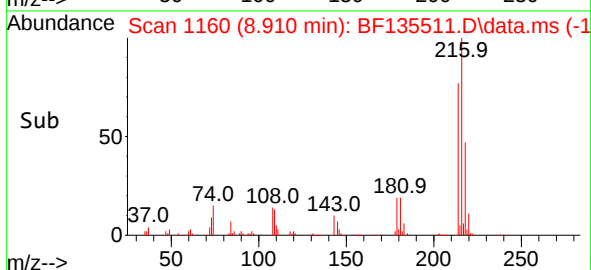
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.094 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion:216 Resp: 417729
Ion Ratio Lower Upper
216 100
214 78.3 63.7 95.5
179 20.7 16.7 25.1
108 20.5 14.9 22.3





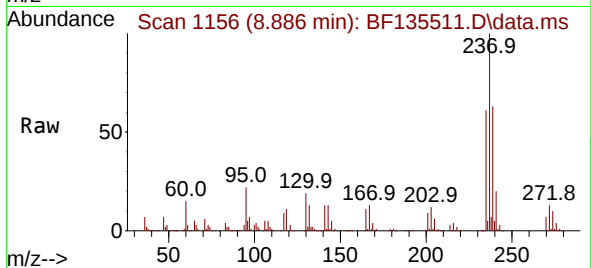
#41
Hexachlorocyclopentadiene
Concen: 64.329 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

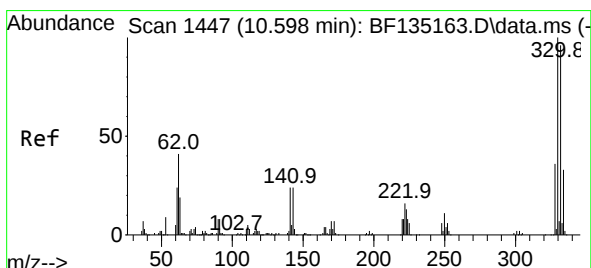
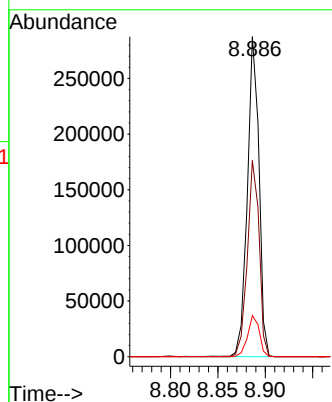
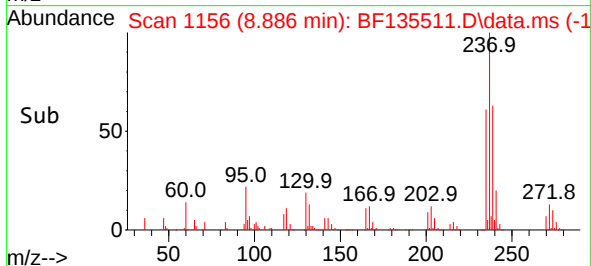


Tgt Ion:237 Resp: 24519
Ion Ratio Lower Upper
237 100
235 61.3 41.8 81.8
272 12.9 0.0 33.6

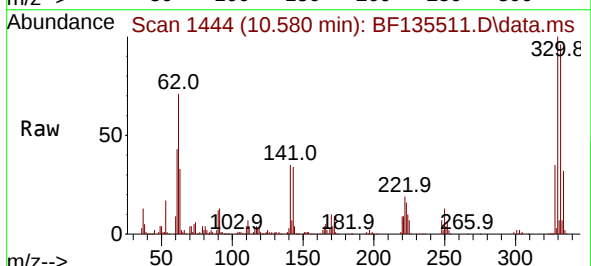
Manual Integrations

APPROVED

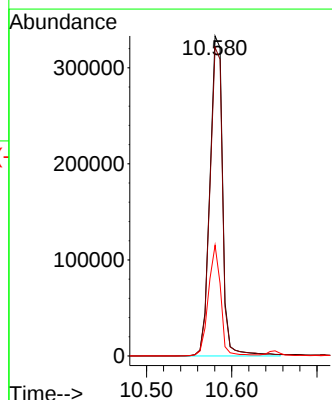
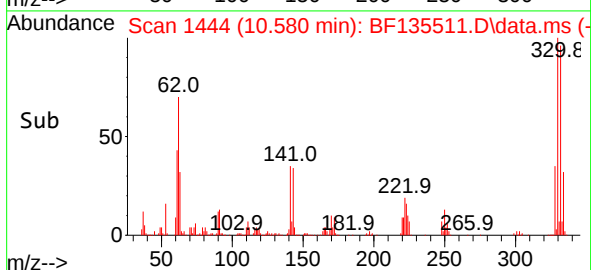
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

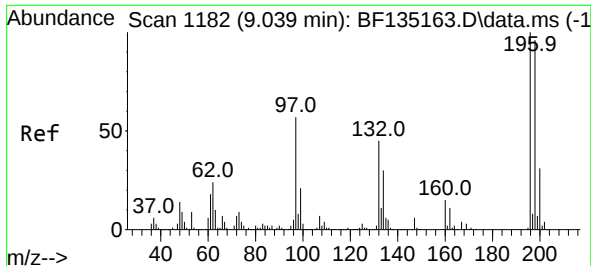


#42
2,4,6-Tribromophenol
Concen: 113.900 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



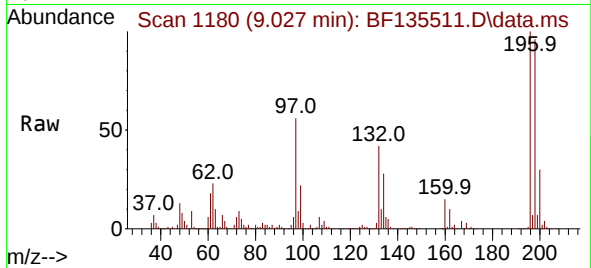
Tgt Ion:330 Resp: 346553
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.939 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

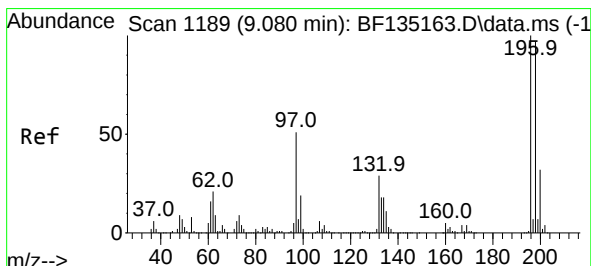
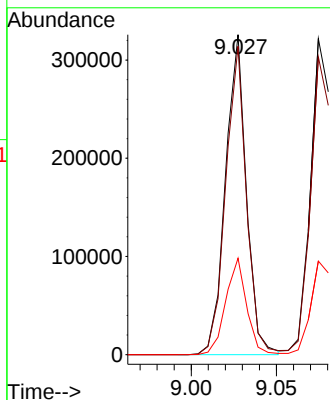
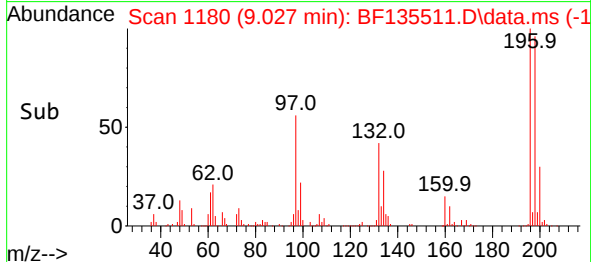
Instrument :
BNA_F
ClientSampleId :
PB155928BS



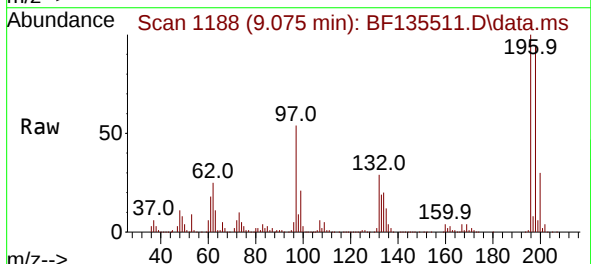
Tgt Ion:196 Resp: 27841
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 30.2 24.5 36.7

Manual Integrations
APPROVED

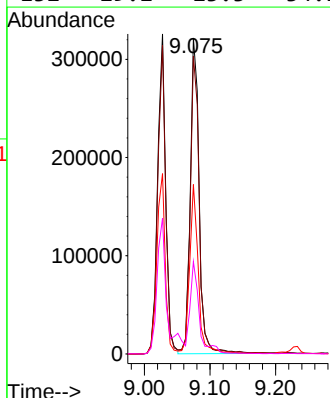
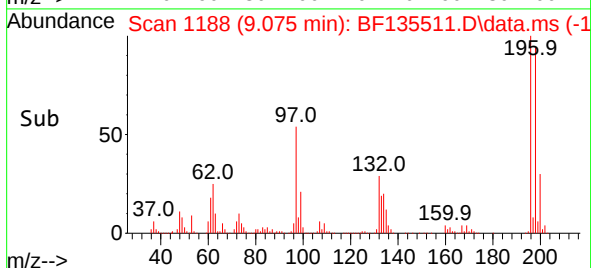
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

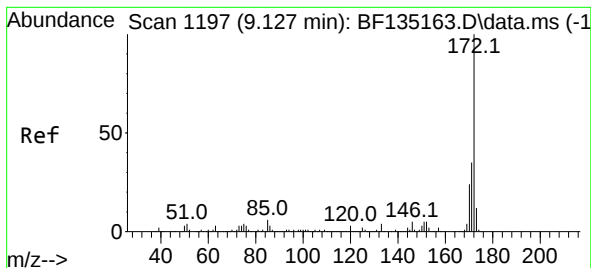


#44
2,4,5-Trichlorophenol
Concen: 45.471 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion:196 Resp: 304119
Ion Ratio Lower Upper
196 100
198 94.2 77.5 116.3
97 53.7 40.5 60.7
132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 81.971 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

Tgt Ion:172 Resp: 166348

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

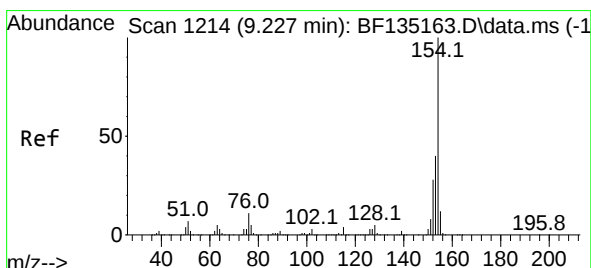
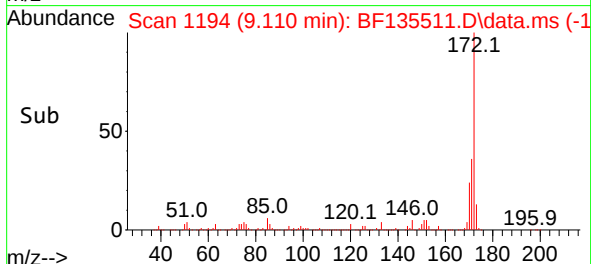
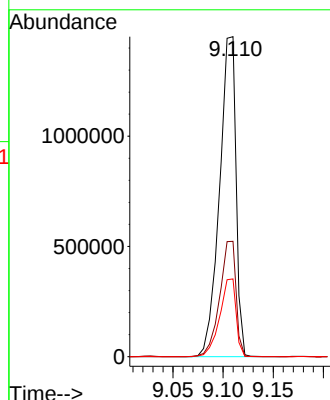
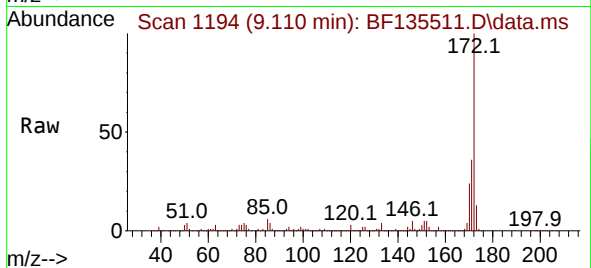
170 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#46

1,1'-Biphenyl

Concen: 47.070 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

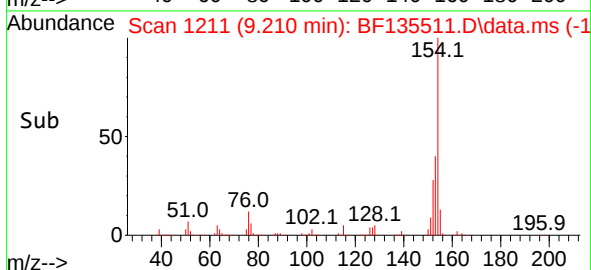
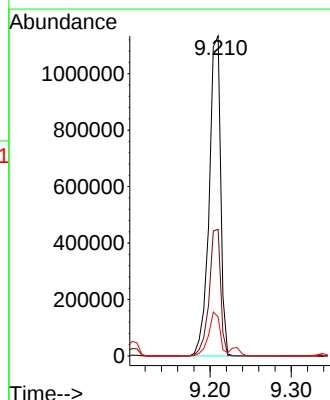
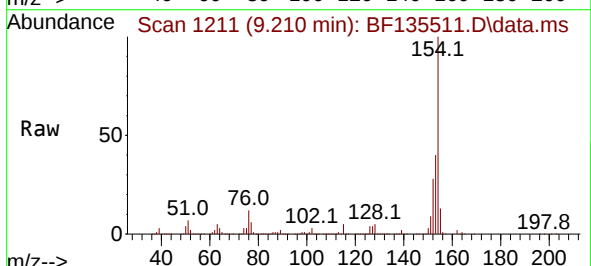
Tgt Ion:154 Resp: 1107504

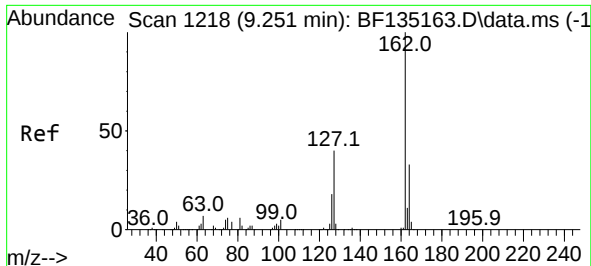
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

76 12.2 0.0 31.0





#47
2-Chloronaphthalene
Concen: 49.585 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

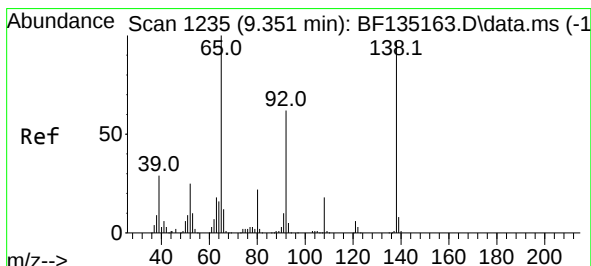
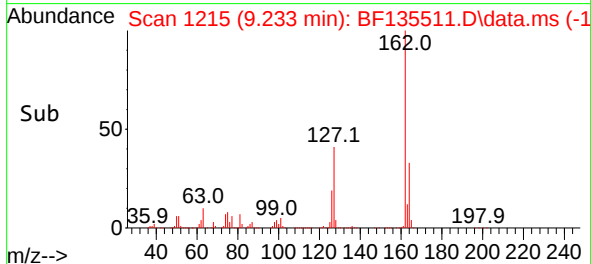
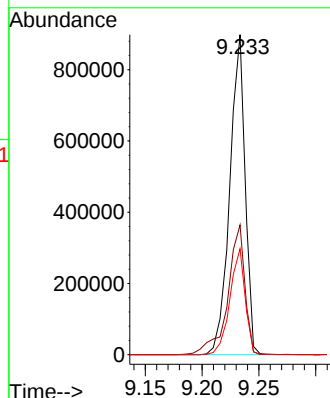
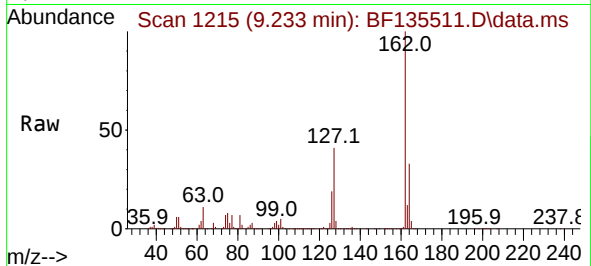
PB155928BS

Tgt Ion:162 Resp: 846498
Ion Ratio Lower Upper
162 100
127 40.6 32.6 48.8
164 33.1 26.2 39.2

Manual Integrations

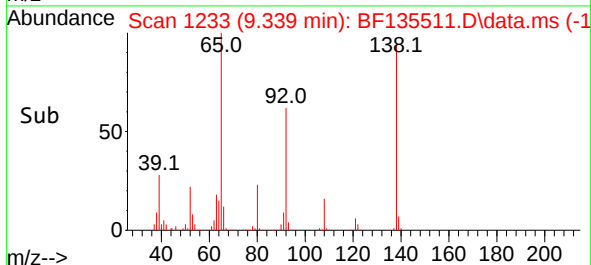
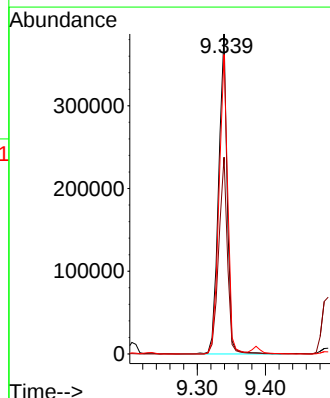
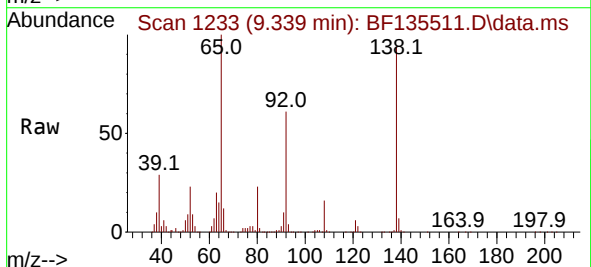
APPROVED

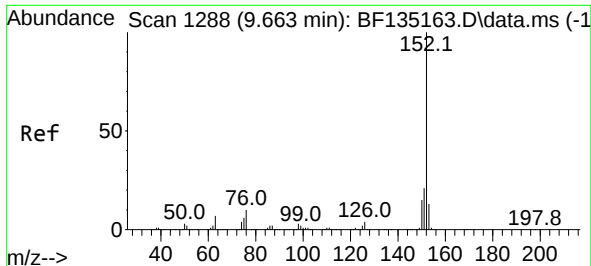
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#48
2-Nitroaniline
Concen: 51.343 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion: 65 Resp: 340523
Ion Ratio Lower Upper
65 100
92 61.5 49.4 74.0
138 93.6 77.4 116.0





#49

Acenaphthylene

Concen: 47.893 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

Tgt Ion:152 Resp: 135881

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

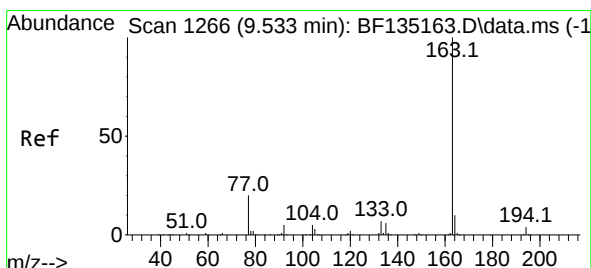
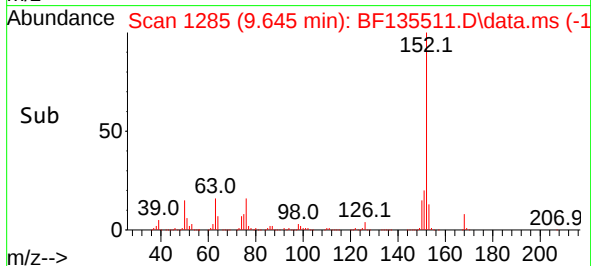
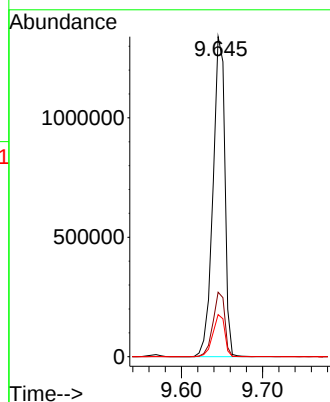
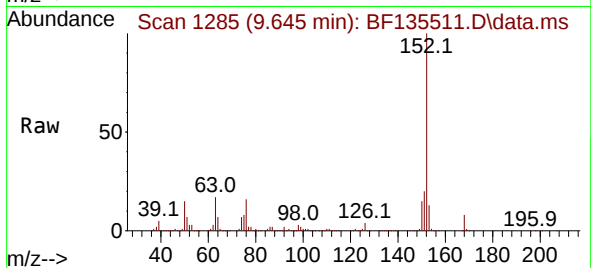
153 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#50

Dimethylphthalate

Concen: 48.282 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

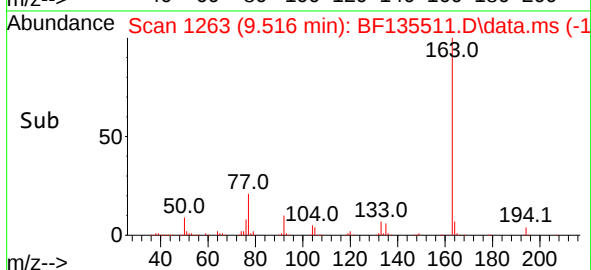
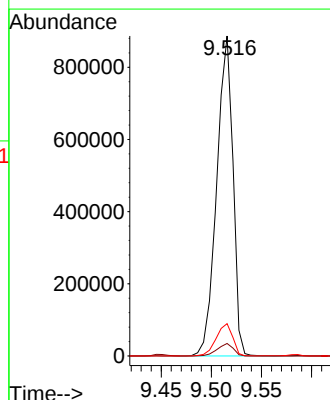
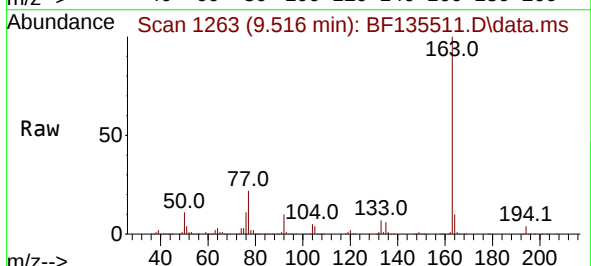
Tgt Ion:163 Resp: 999453

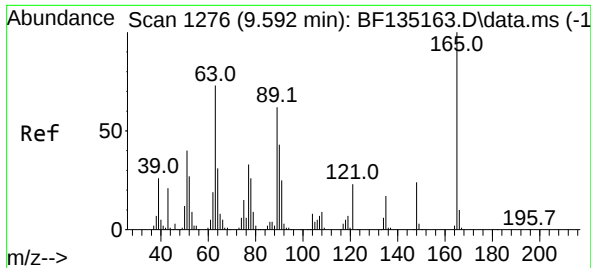
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.1 12.1





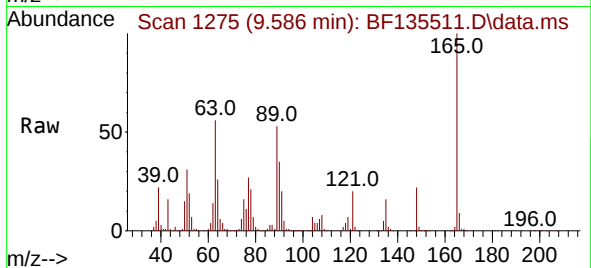
#51
2,6-Dinitrotoluene
Concen: 49.311 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

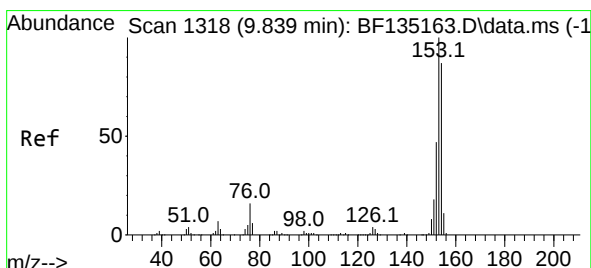
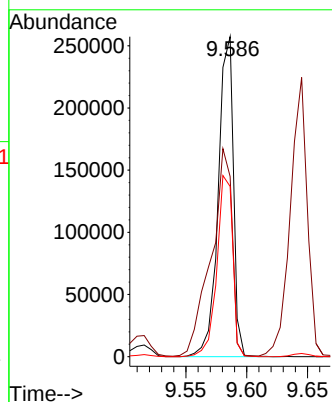
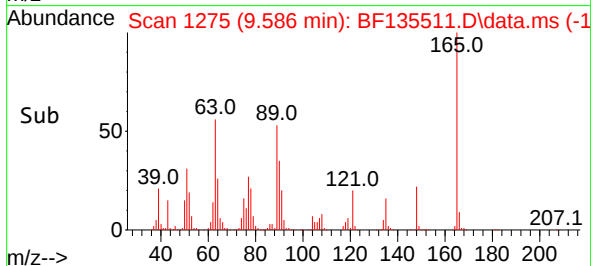


Tgt Ion:165 Resp: 223610
Ion Ratio Lower Upper
165 100
63 56.3 59.4 89.2
89 53.2 49.8 74.8

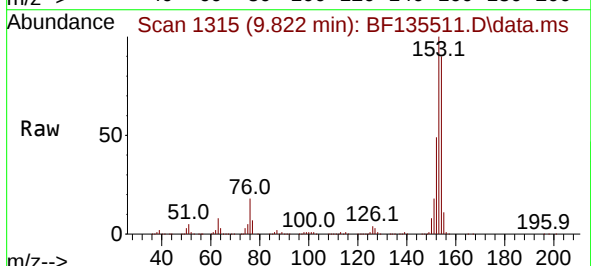
Manual Integrations

APPROVED

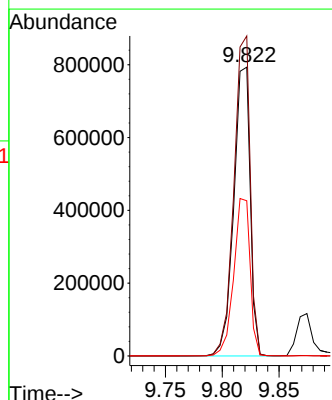
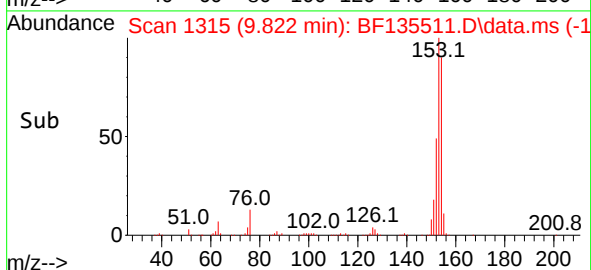
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

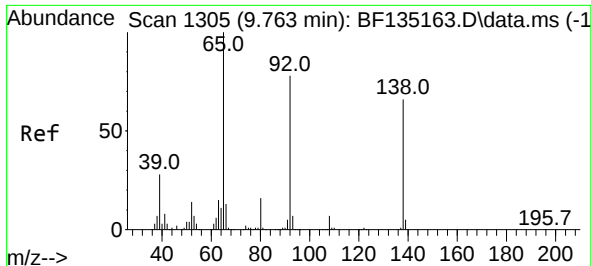


#52
Acenaphthene
Concen: 47.600 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion:154 Resp: 797791
Ion Ratio Lower Upper
154 100
153 110.8 92.1 138.1
152 53.8 43.1 64.7





#53
3-Nitroaniline
Concen: 40.340 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

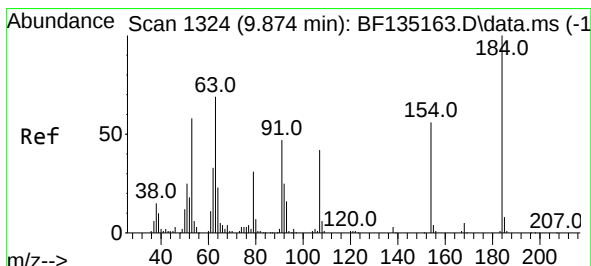
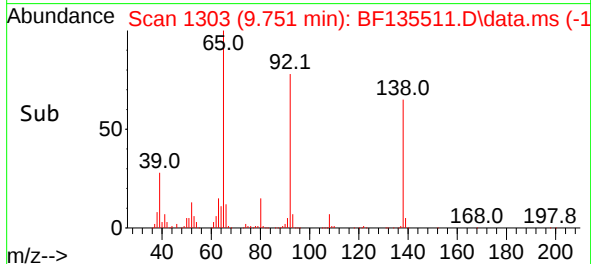
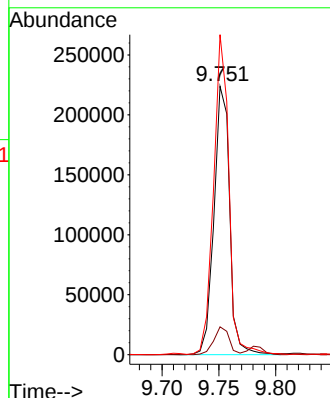
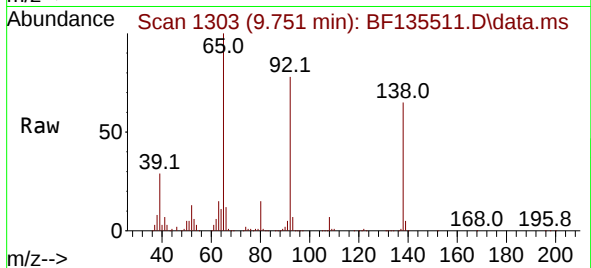
PB155928BS

Tgt Ion:138 Resp: 21473
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 119.2 95.4 143.0

Manual Integrations

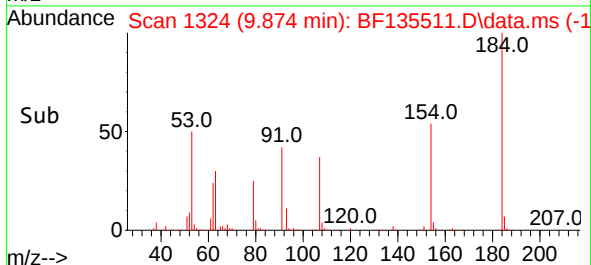
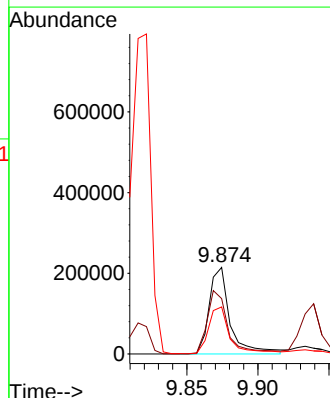
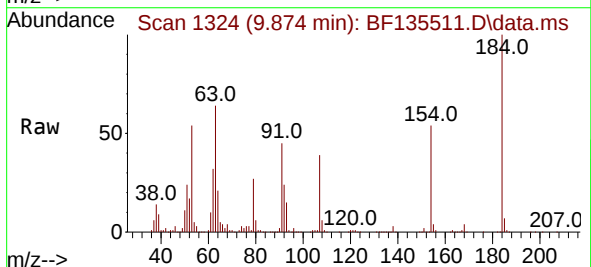
APPROVED

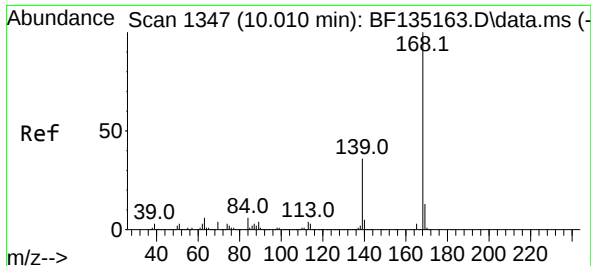
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#54
2,4-Dinitrophenol
Concen: 84.776 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:184 Resp: 219286
Ion Ratio Lower Upper
184 100
63 64.0 55.1 82.7
154 54.3 48.4 72.6





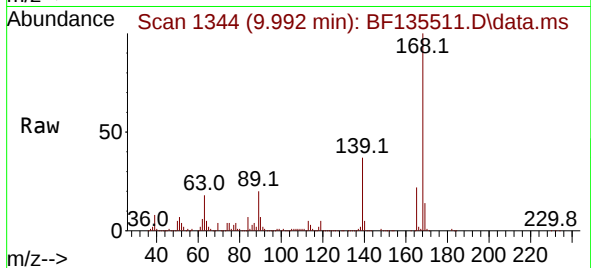
#55
Dibenzenofuran
Concen: 43.972 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

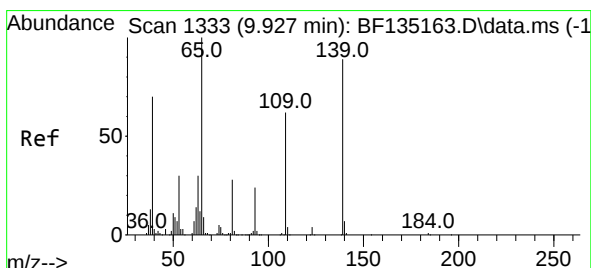
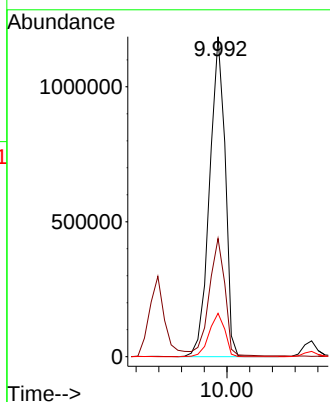
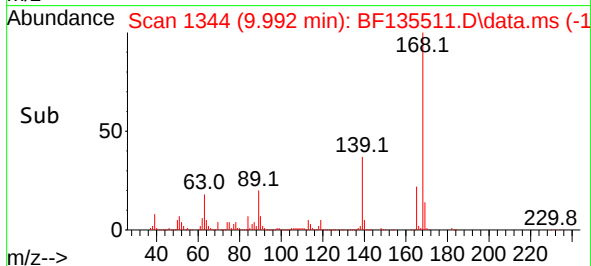


Tgt Ion:168 Resp: 112462
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.6
169 13.5 10.4 15.6

Manual Integrations

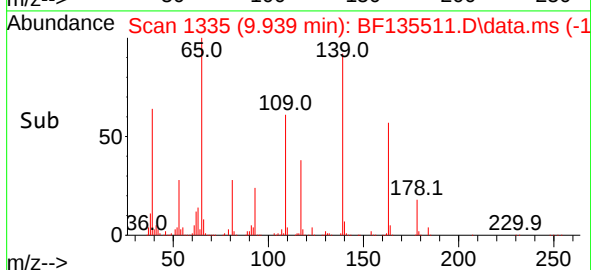
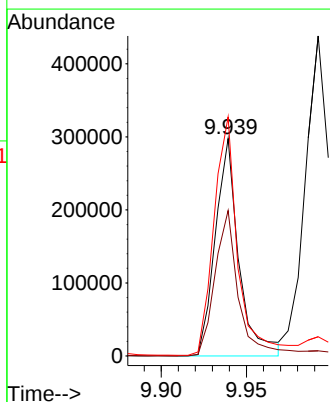
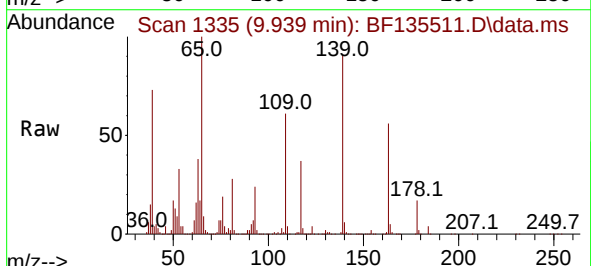
APPROVED

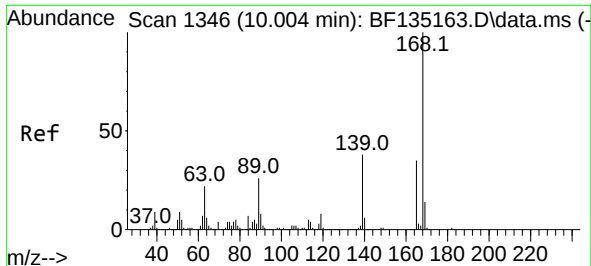
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#56
4-Nitrophenol
Concen: 84.709 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:139 Resp: 286579
Ion Ratio Lower Upper
139 100
109 66.9 49.8 89.8
65 109.9 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 44.458 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

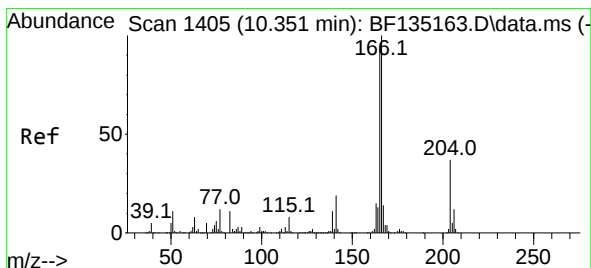
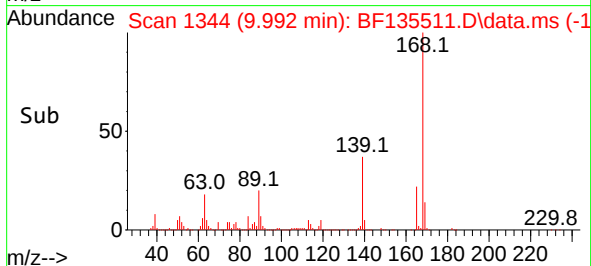
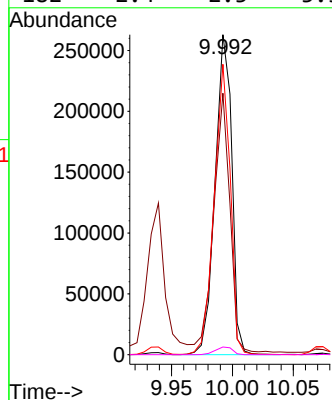
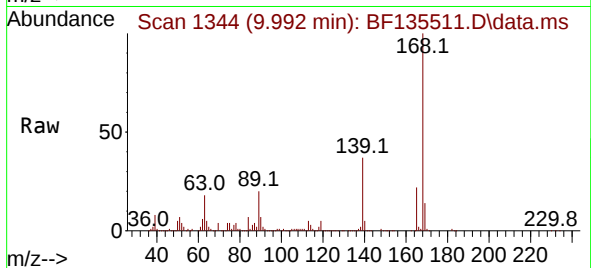
PB155928BS

Tgt Ion:165 Resp: 25239
Ion Ratio Lower Upper
165 100
63 81.7 50.1 75.1
89 90.8 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations

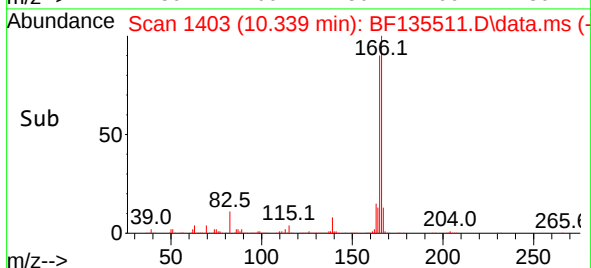
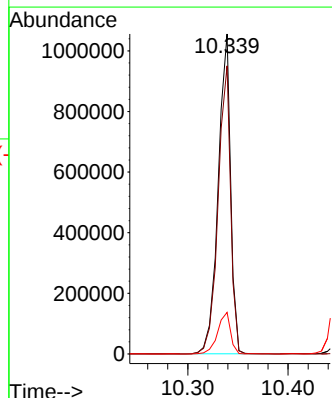
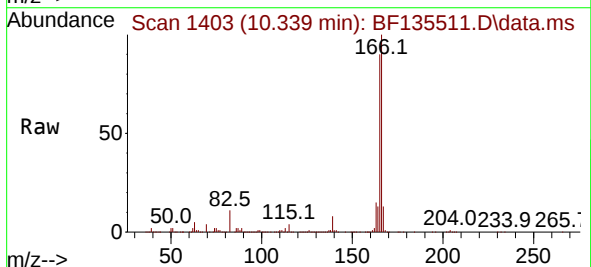
APPROVED

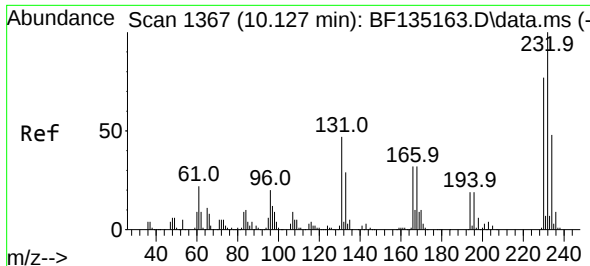
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#58
Fluorene
Concen: 46.118 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

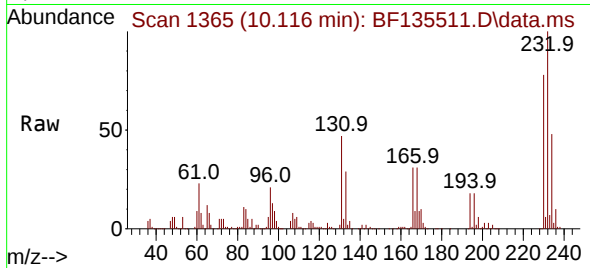
Tgt Ion:166 Resp: 906781
Ion Ratio Lower Upper
166 100
165 90.1 74.3 111.5
167 13.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.907 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

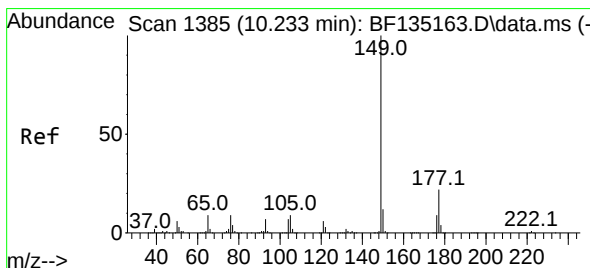
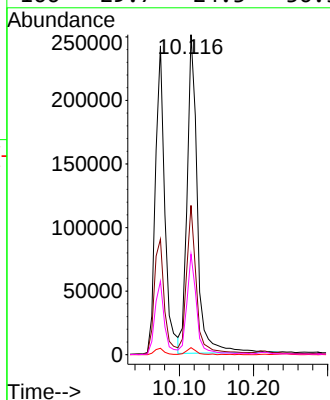
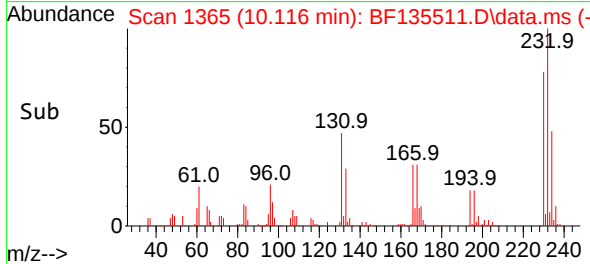
Instrument :
BNA_F
ClientSampleId :
PB155928BS



Tgt Ion:232 Resp: 241320
Ion Ratio Lower Upper
232 100
131 45.4 35.4 53.2
130 2.2 1.8 2.8
166 29.7 24.3 36.5

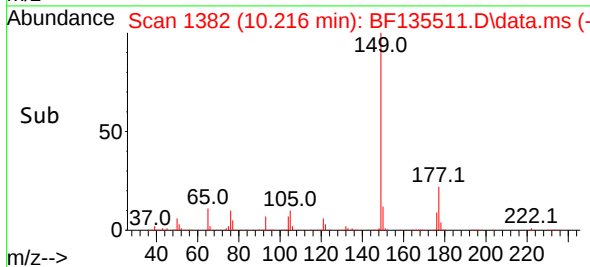
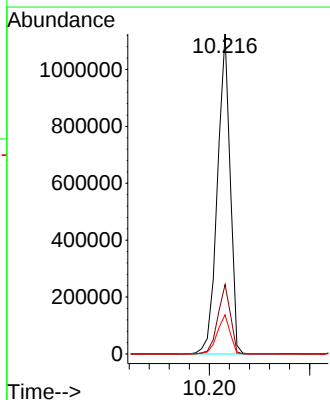
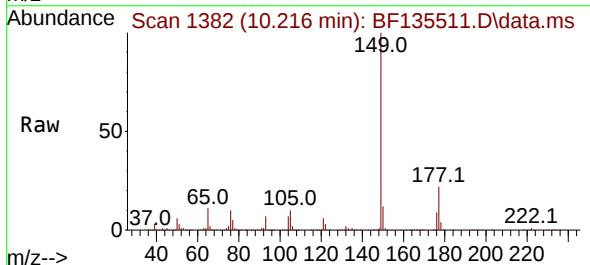
Manual Integrations
APPROVED

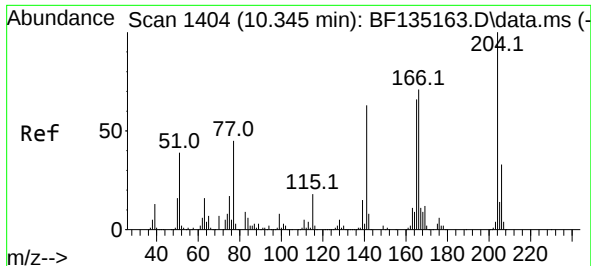
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#60
Diethylphthalate
Concen: 47.554 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

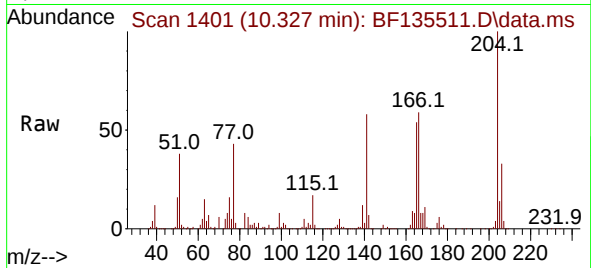
Tgt Ion:149 Resp: 987913
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.041 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

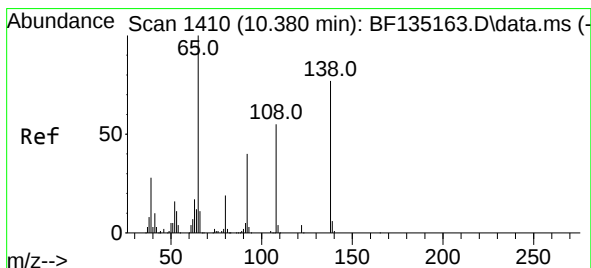
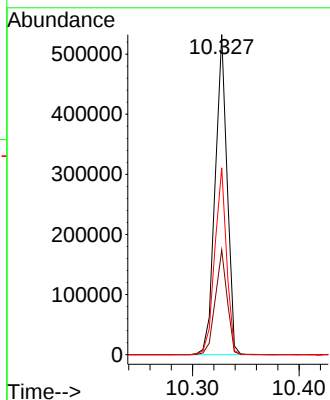
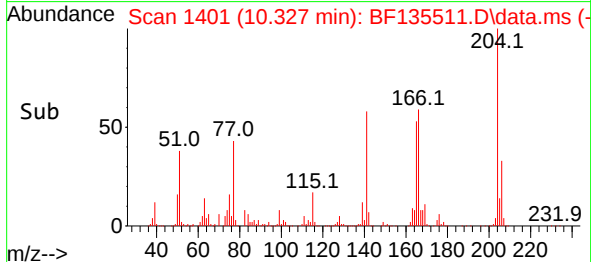
Instrument :
BNA_F
ClientSampleId :
PB155928BS



Tgt Ion:204 Resp: 41596
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 58.4 50.6 75.8

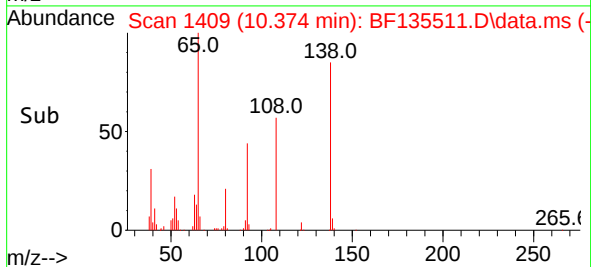
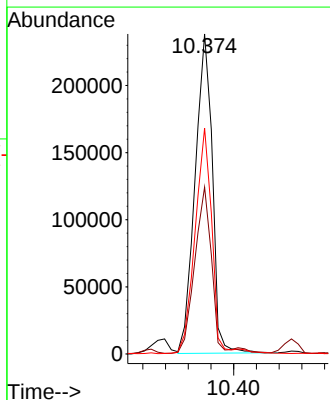
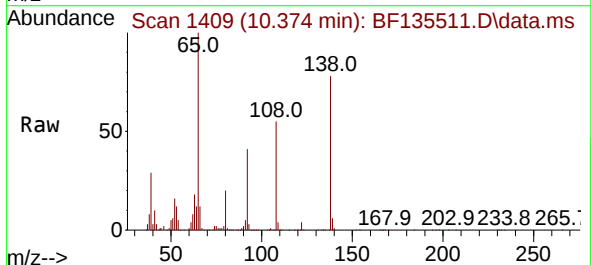
Manual Integrations
APPROVED

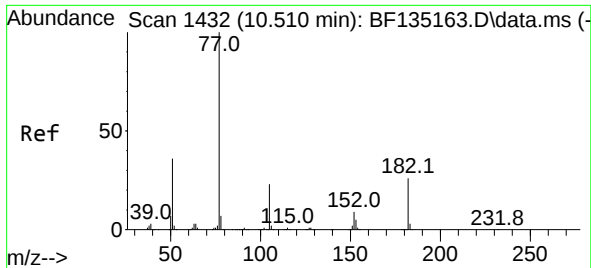
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#62
4-Nitroaniline
Concen: 49.004 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

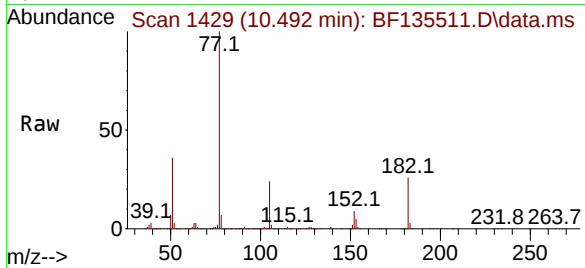
Tgt Ion:138 Resp: 250743
Ion Ratio Lower Upper
138 100
92 52.1 31.8 71.8
108 70.6 52.0 92.0





#63
Azobenzene
Concen: 50.349 ng
RT: 10.492 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

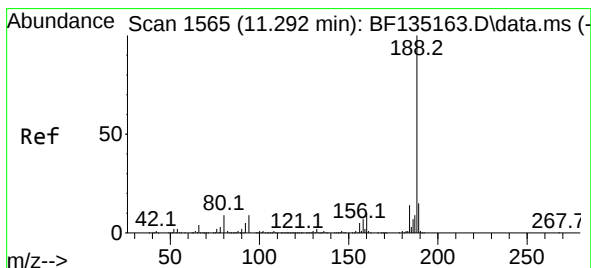
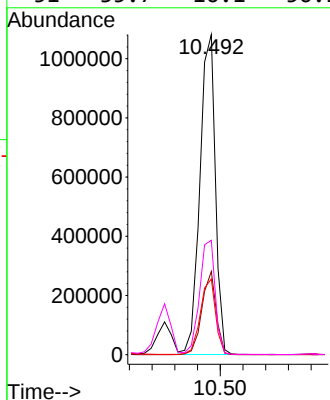
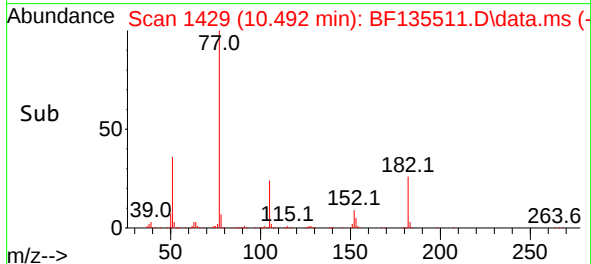
Instrument :
BNA_F
ClientSampleId :
PB155928BS



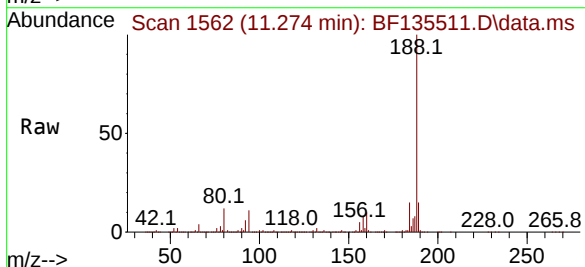
Tgt Ion: 77 Resp: 1023690
Ion Ratio Lower Upper
77 100
182 26.0 6.4 46.4
105 23.7 3.1 43.1
51 35.7 16.1 56.1

Manual Integrations
APPROVED

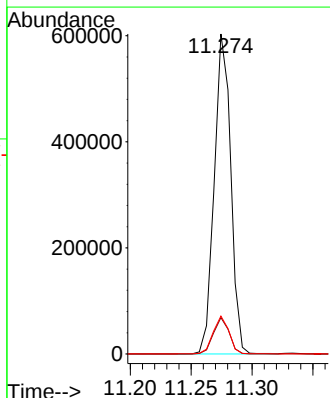
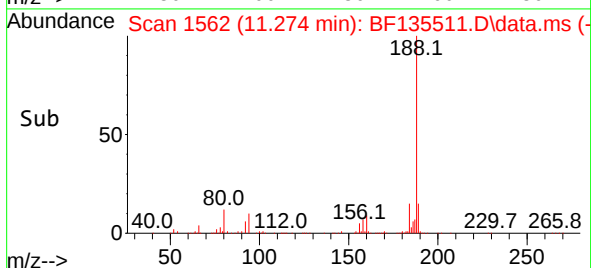
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

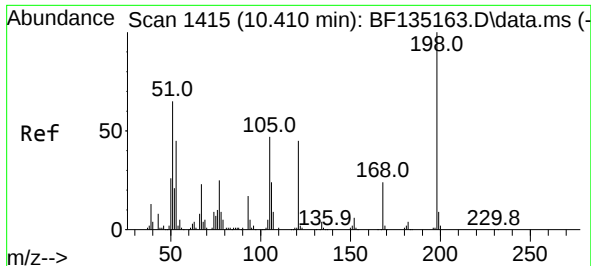


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion:188 Resp: 569724
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.8 7.5 11.3#





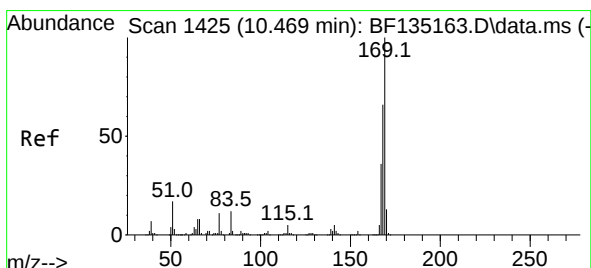
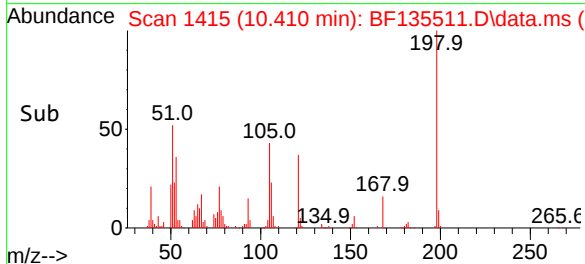
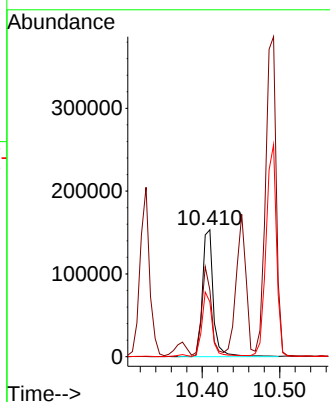
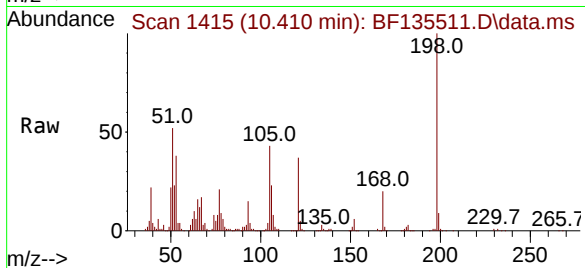
#65
4,6-Dinitro-2-methylphenol
Concen: 49.009 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB155928BS

Tgt Ion:198 Resp: 14830
Ion Ratio Lower Upper
198 100
51 52.5 47.7 87.7
105 43.1 27.4 67.4

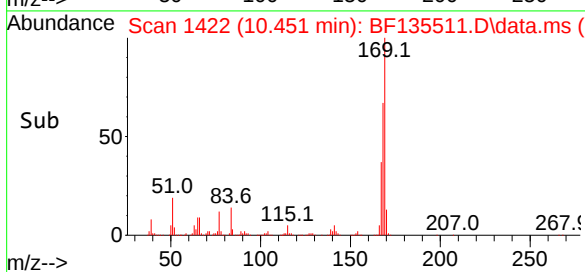
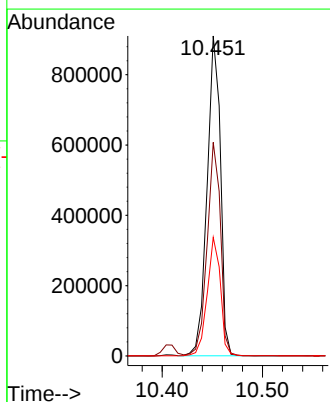
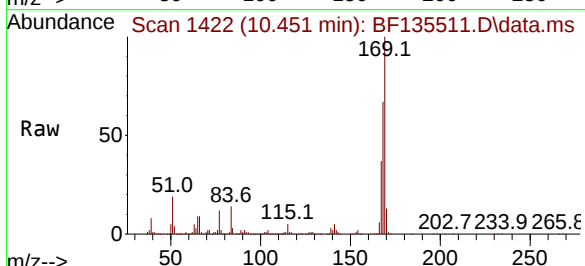
Manual Integrations
APPROVED

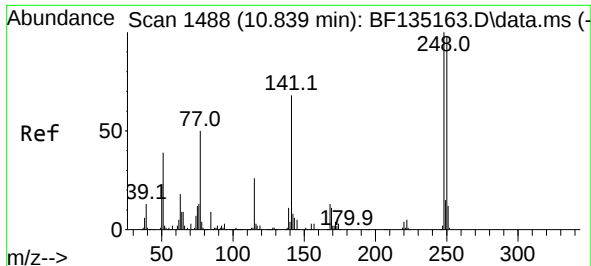
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#66
n-Nitrosodiphenylamine
Concen: 48.940 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

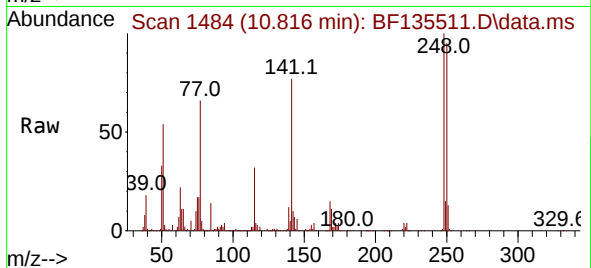
Tgt Ion:169 Resp: 844133
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.648 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

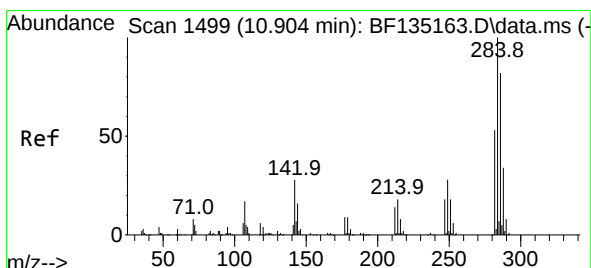
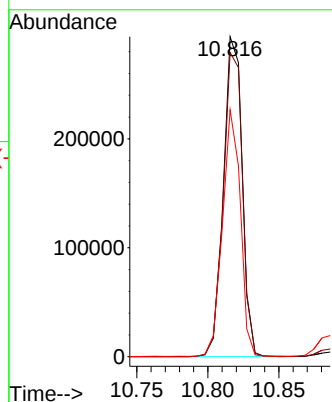
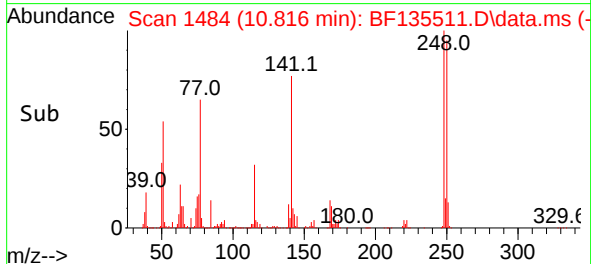
Instrument :
BNA_F
ClientSampleId :
PB155928BS



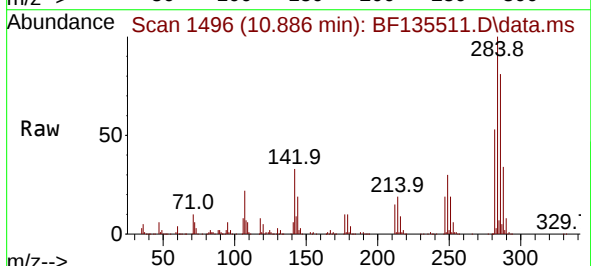
Tgt Ion:248 Resp: 269988
Ion Ratio Lower Upper
248 100
250 95.1 78.6 117.8
141 77.2 54.2 81.2

Manual Integrations
APPROVED

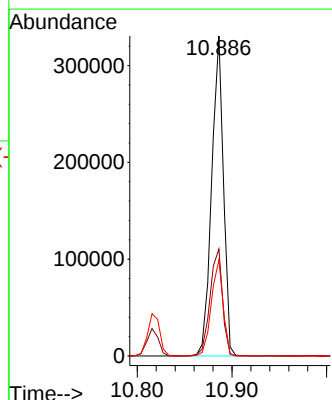
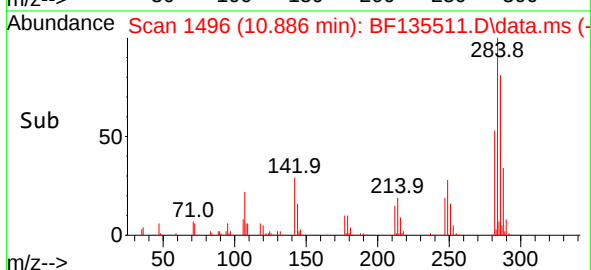
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

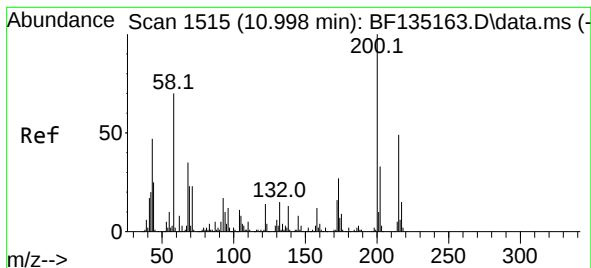


#68
Hexachlorobenzene
Concen: 49.269 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



Tgt Ion:284 Resp: 284415
Ion Ratio Lower Upper
284 100
142 33.5 22.2 33.4#
249 30.0 22.5 33.7





#69

Atrazine

Concen: 56.445 ng

RT: 10.986 min Scan# 1513

Delta R.T. -0.000 min

Lab File: BF135511.D

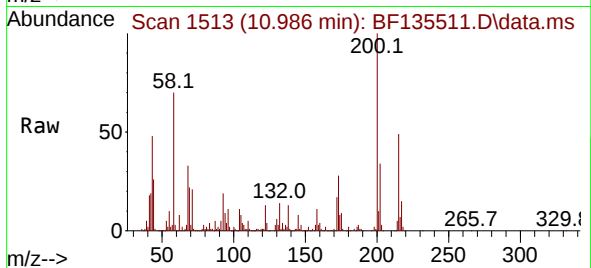
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS



Tgt Ion:200 Resp: 261960

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

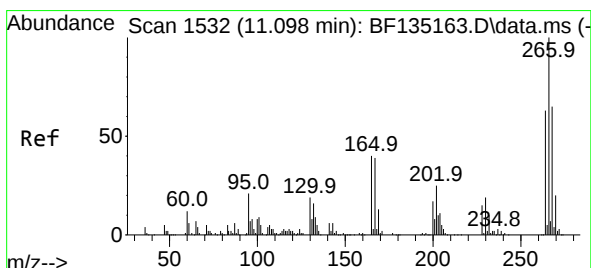
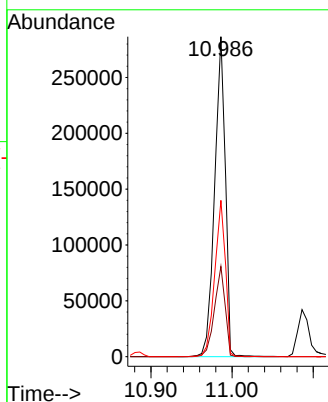
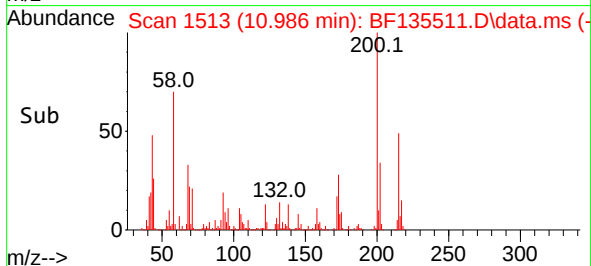
215 48.9 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#70

Pentachlorophenol

Concen: 76.609 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

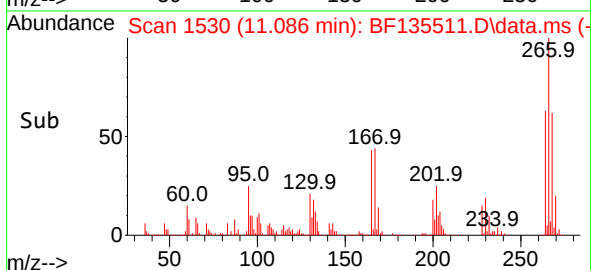
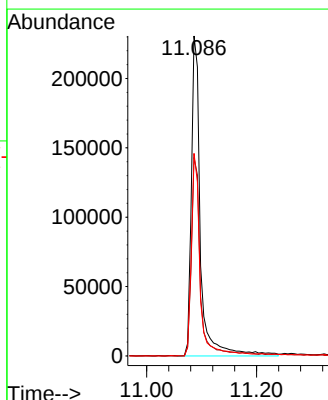
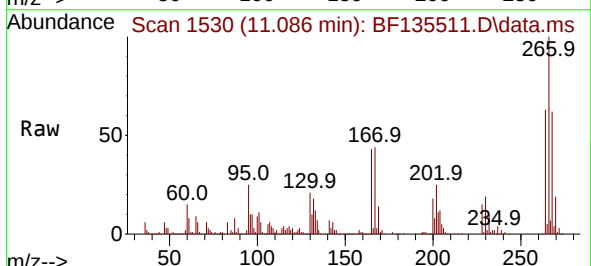
Tgt Ion:266 Resp: 264593

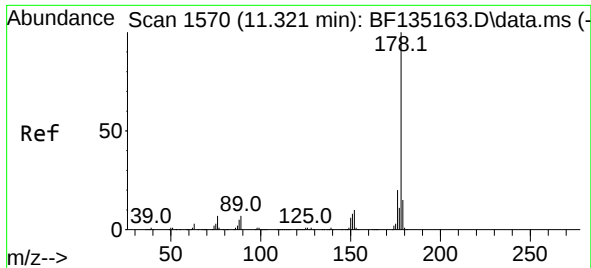
Ion Ratio Lower Upper

266 100

268 62.0 52.1 78.1

264 63.3 50.8 76.2





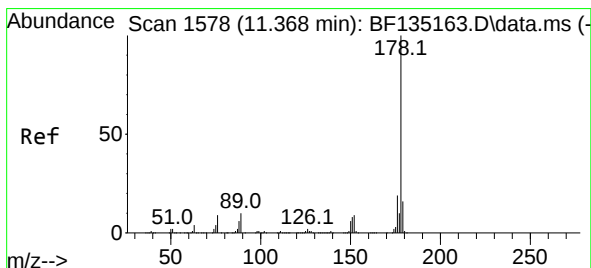
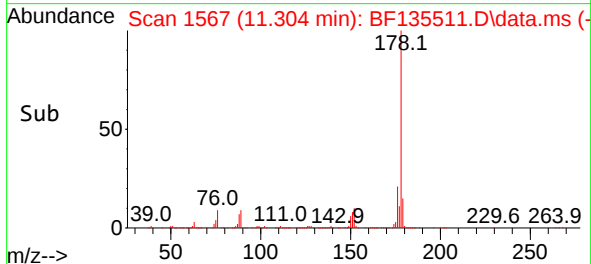
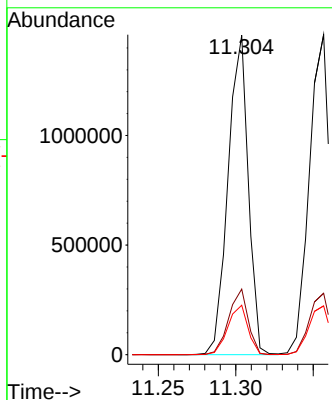
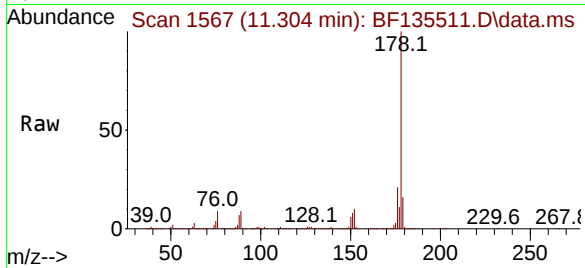
#71
Phenanthrene
Concen: 49.020 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB155928BS

Tgt Ion:178 Resp: 1320878
Ion Ratio Lower Upper
178 100
176 20.6 15.6 23.4
179 15.5 12.0 18.0

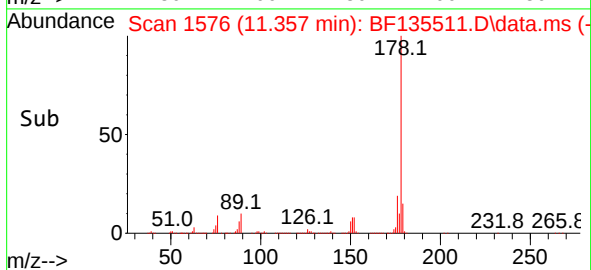
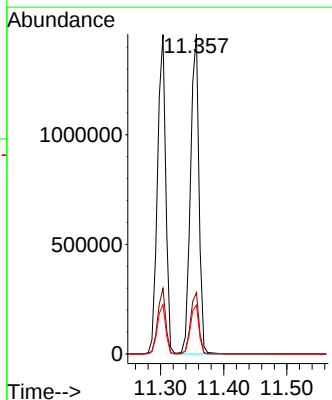
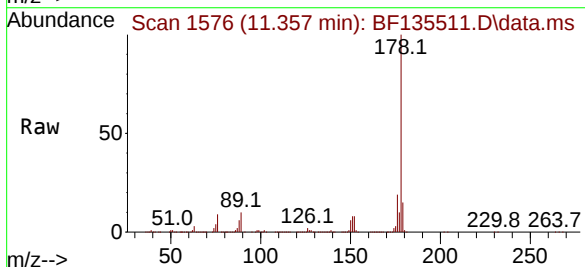
Manual Integrations
APPROVED

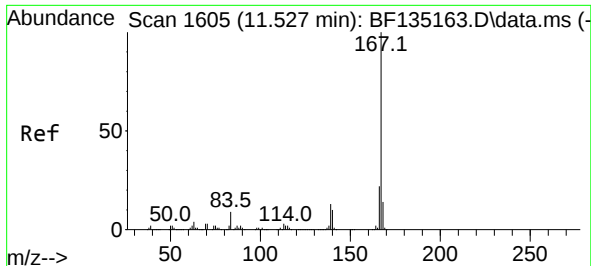
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#72
Anthracene
Concen: 49.142 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

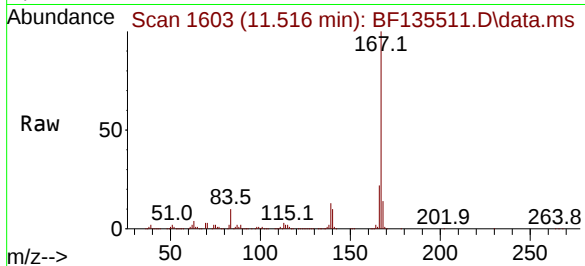
Tgt Ion:178 Resp: 1361098
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.2 12.6 19.0





#73
 Carbazole
 Concen: 51.636 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.000 min
 Lab File: BF135511.D
 Acq: 29 Sep 2023 12:27

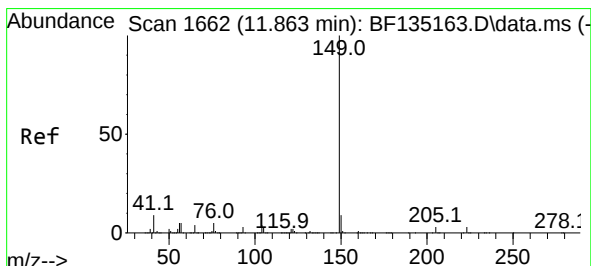
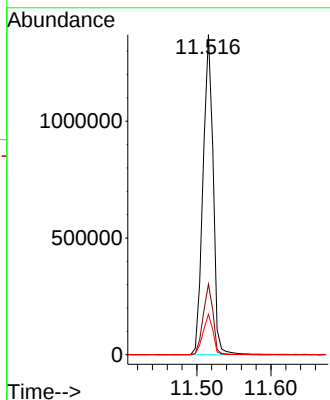
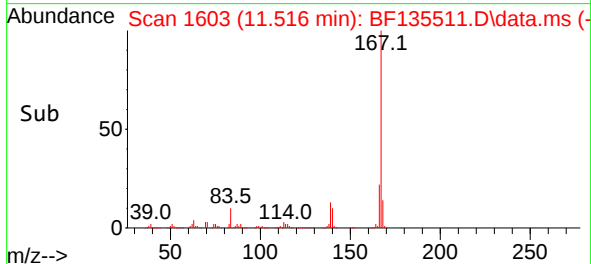
Instrument :
 BNA_F
 ClientSampleId :
 PB155928BS



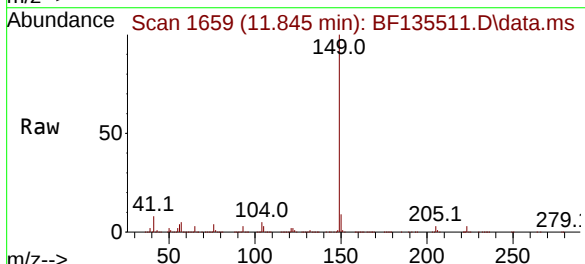
Tgt Ion:167 Resp: 1301918
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

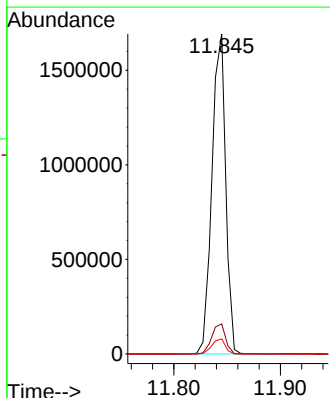
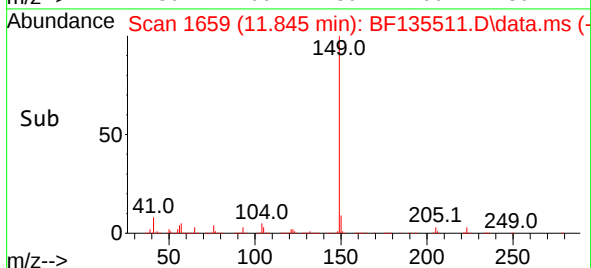
Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

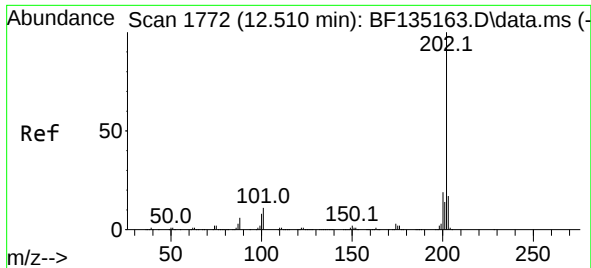


#74
 Di-n-butylphthalate
 Concen: 51.235 ng
 RT: 11.845 min Scan# 1659
 Delta R.T. -0.000 min
 Lab File: BF135511.D
 Acq: 29 Sep 2023 12:27



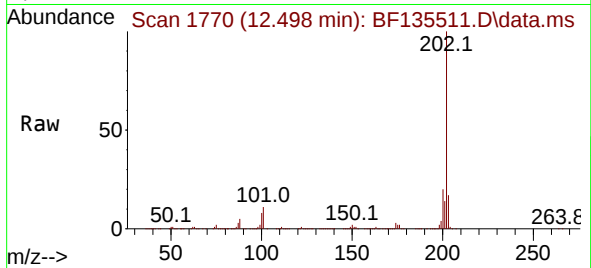
Tgt Ion:149 Resp: 1522198
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 49.581 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

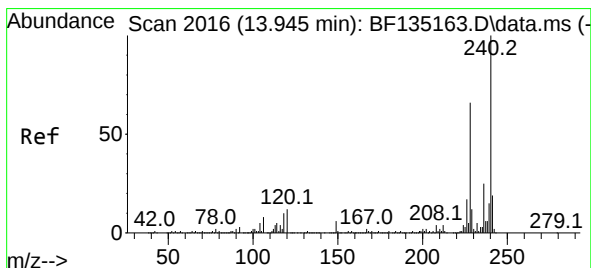
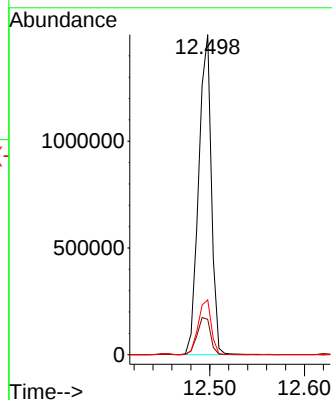
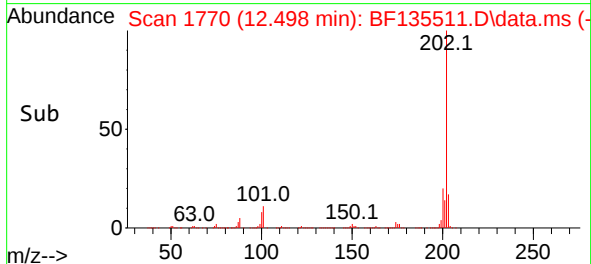
Instrument :
BNA_F
ClientSampleId :
PB155928BS



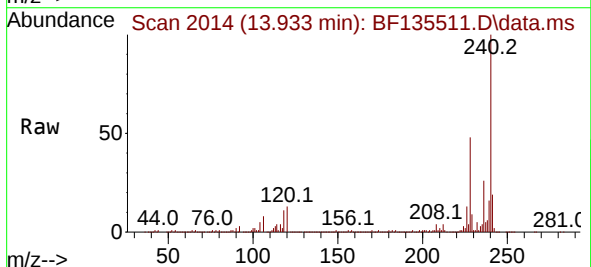
Tgt Ion:202 Resp: 1392080
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.2 0.0 37.4

Manual Integrations
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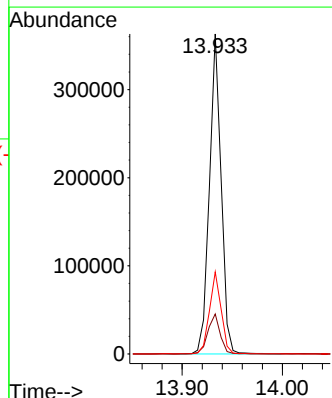
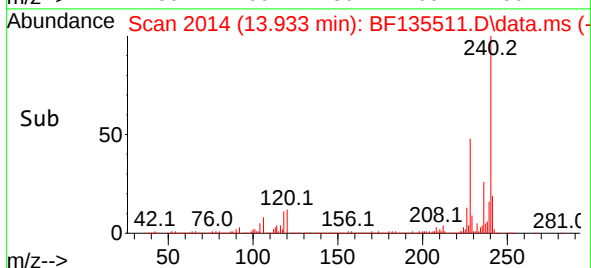
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

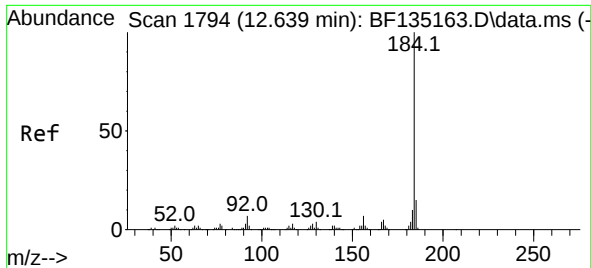


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27



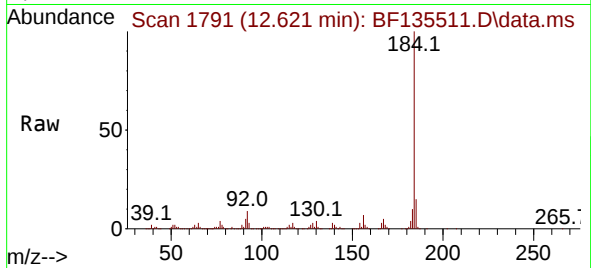
Tgt Ion:240 Resp: 294757
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 25.6 19.8 29.8





#77
Benzidine
Concen: 99.808 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

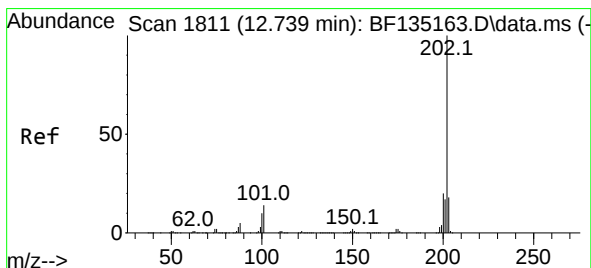
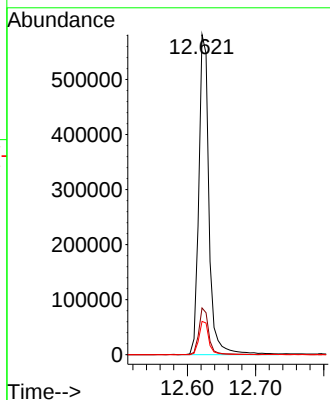
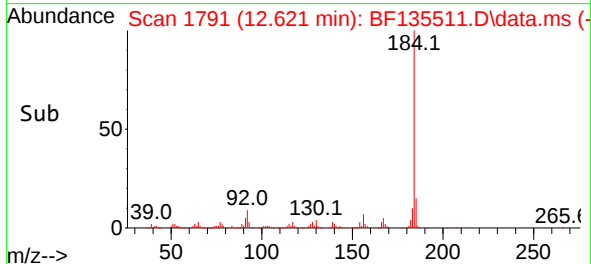
Instrument :
BNA_F
ClientSampleId :
PB155928BS



Tgt Ion:184 Resp: 60270
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.4 8.2 12.4

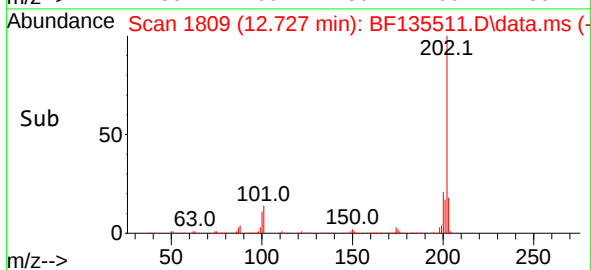
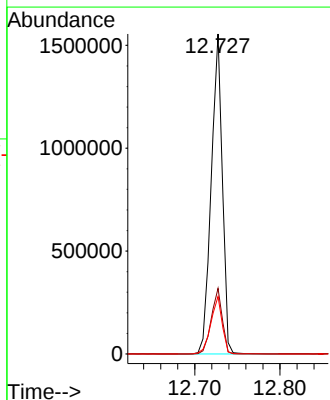
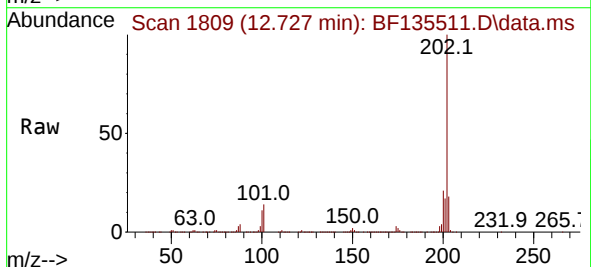
Manual Integrations
APPROVED

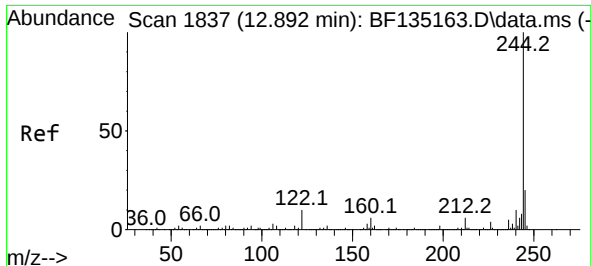
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#78
Pyrene
Concen: 50.187 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:202 Resp: 1408412
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.9 14.2 21.4





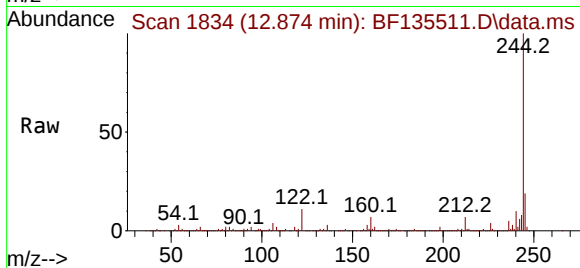
#79
 Terphenyl-d14
 Concen: 85.558 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: BF135511.D
 Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

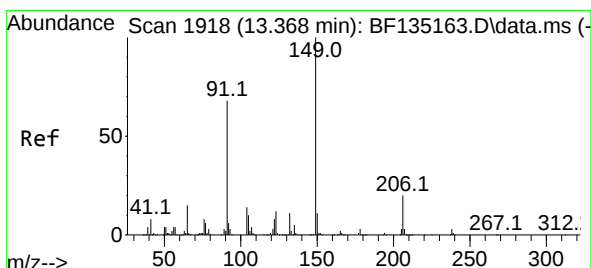
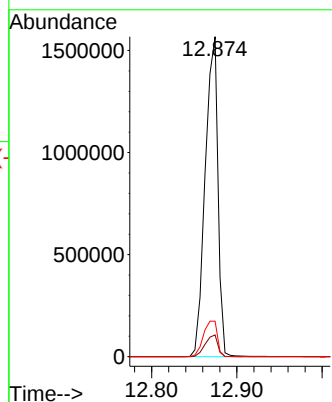
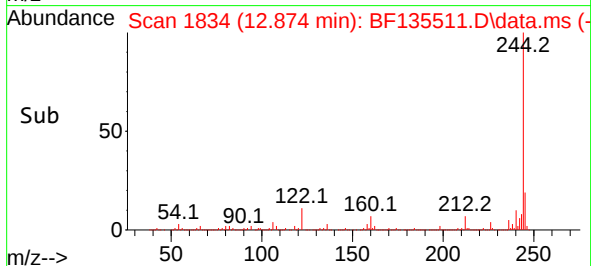


Tgt Ion:244 Resp: 162681
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.1 7.9 11.9

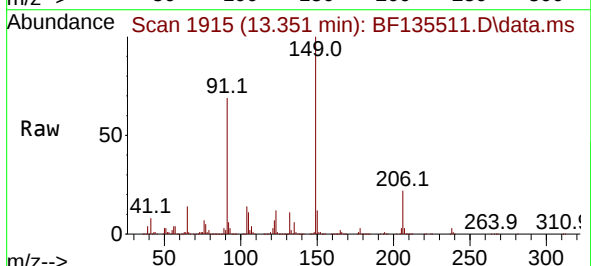
Manual Integrations

APPROVED

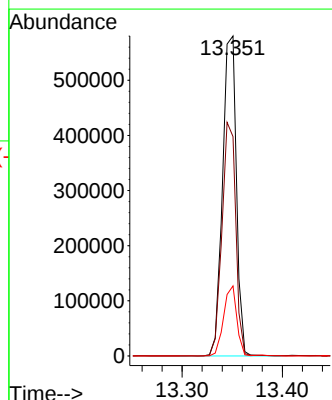
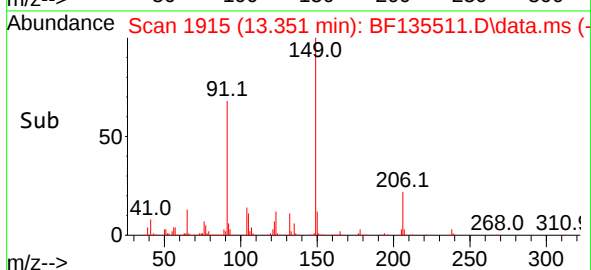
Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

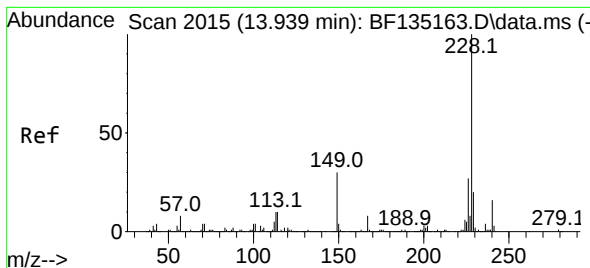


#80
 Butylbenzylphthalate
 Concen: 56.246 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: BF135511.D
 Acq: 29 Sep 2023 12:27



Tgt Ion:149 Resp: 555738
 Ion Ratio Lower Upper
 149 100
 91 68.6 54.7 82.1
 206 21.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 50.636 ng

RT: 13.921 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF135511.D

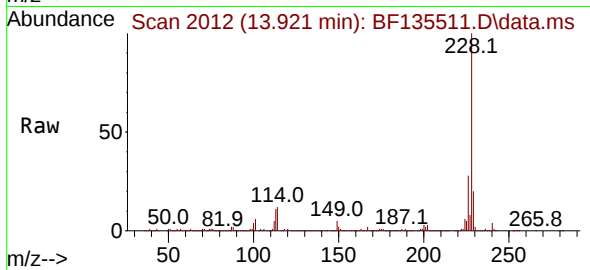
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS



Tgt Ion:228 Resp: 963769

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

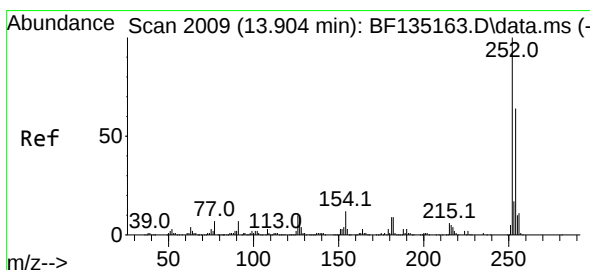
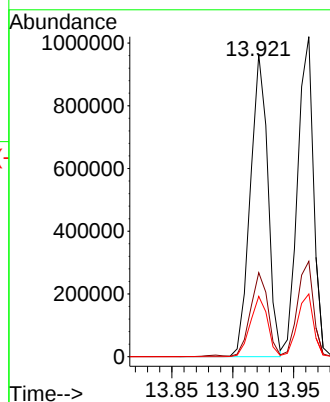
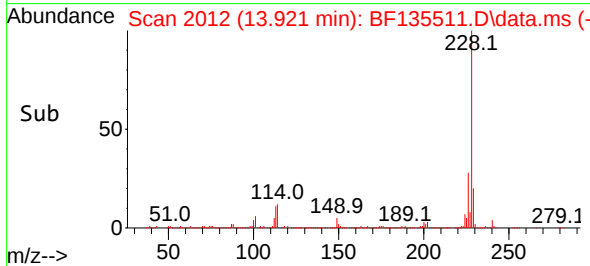
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 45.968 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

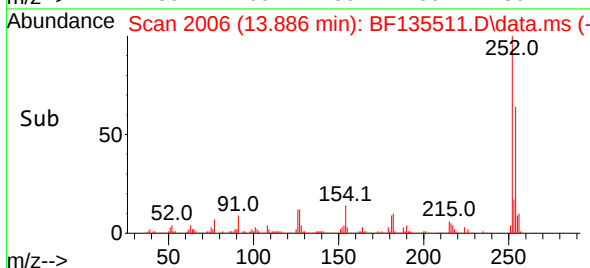
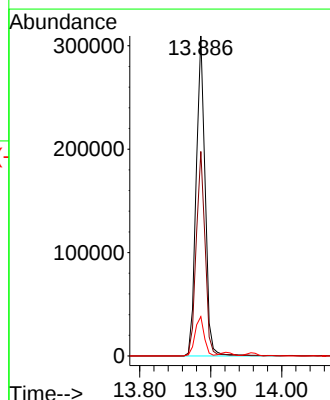
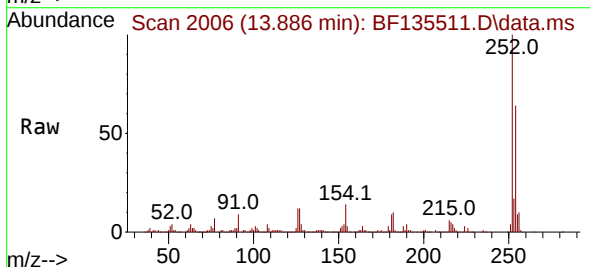
Tgt Ion:252 Resp: 273283

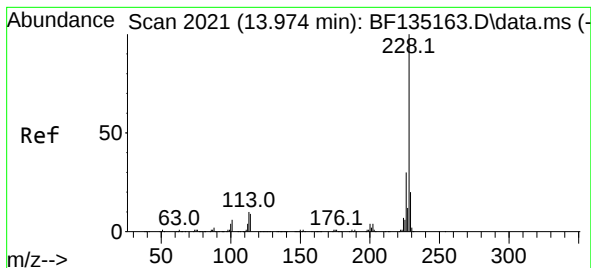
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.4

126 12.3 7.8 11.8#





#83

Chrysene

Concen: 49.403 ng

RT: 13.962 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

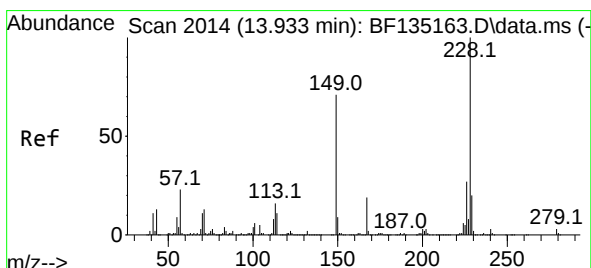
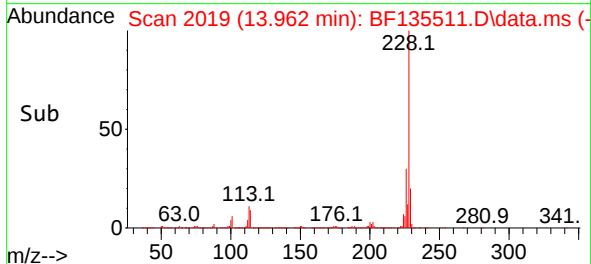
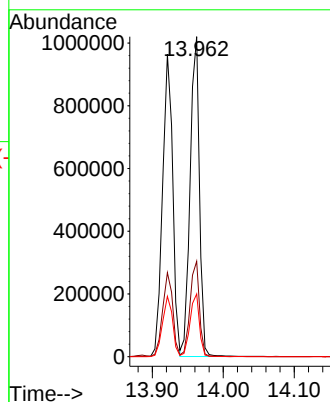
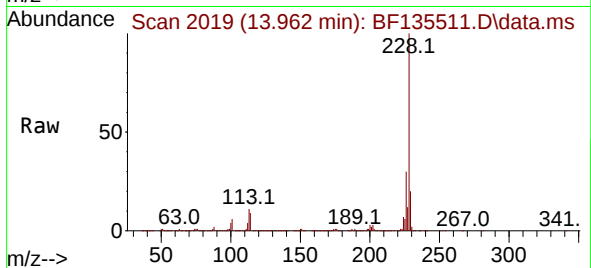
Tgt Ion:	228	Resp:	934872
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.3	36.5
229	19.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.227 ng

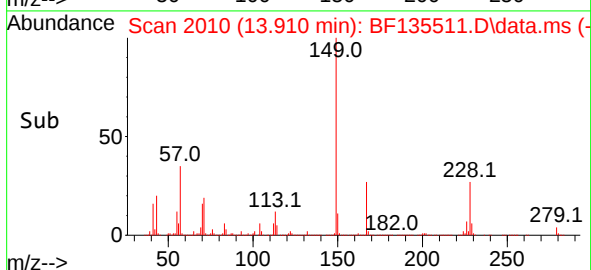
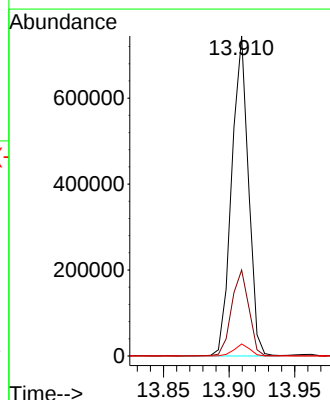
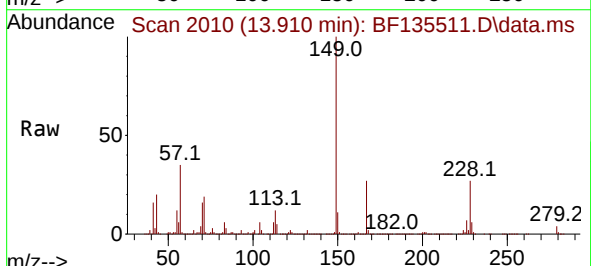
RT: 13.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Tgt Ion:	149	Resp:	661353
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.9	32.9
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 60.984 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB155928BS

Tgt Ion:149 Resp: 982640

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

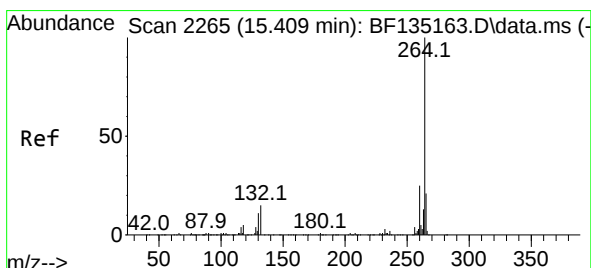
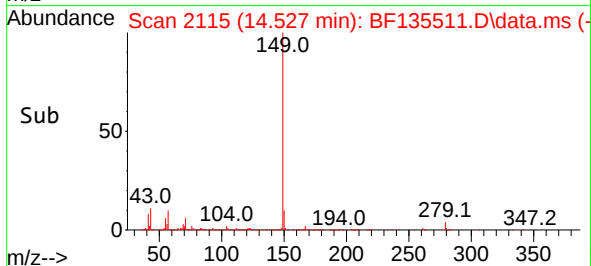
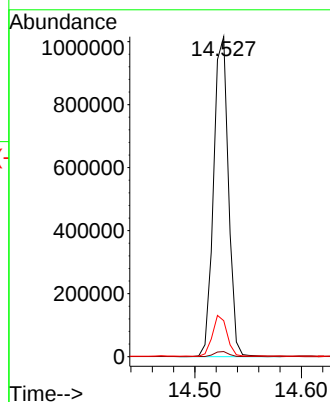
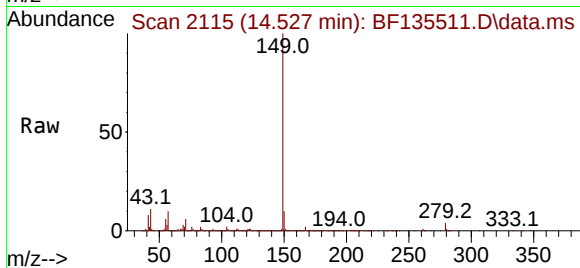
43 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF135511.D

Acq: 29 Sep 2023 12:27

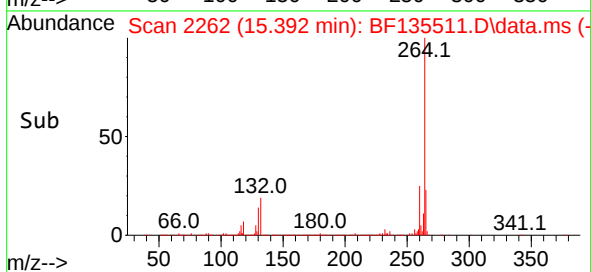
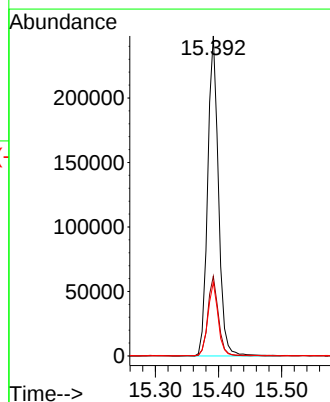
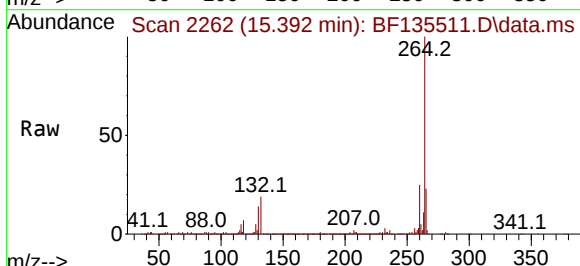
Tgt Ion:264 Resp: 294495

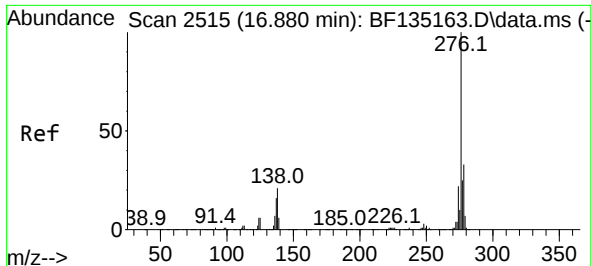
Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

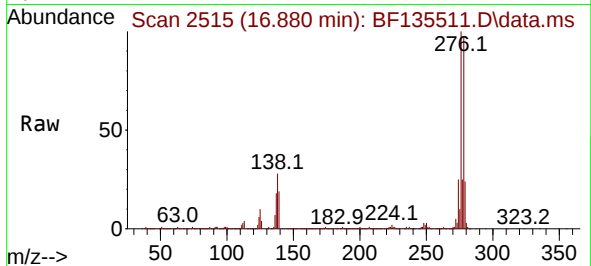
265 23.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.210 ng
RT: 16.880 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

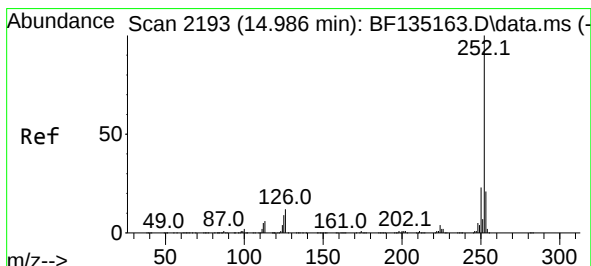
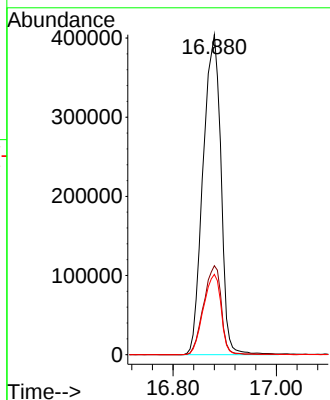
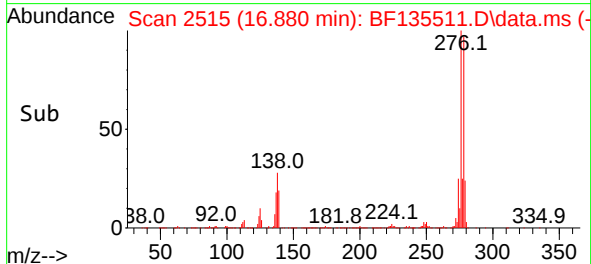
Instrument :
BNA_F
ClientSampleId :
PB155928BS



Tgt Ion:276 Resp: 969510
Ion Ratio Lower Upper
276 100
138 27.4 19.2 28.8
277 24.9 19.7 29.5

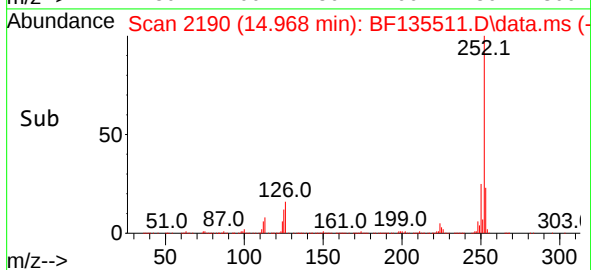
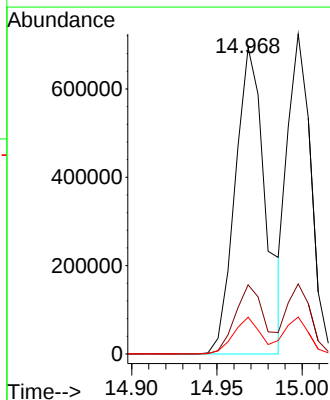
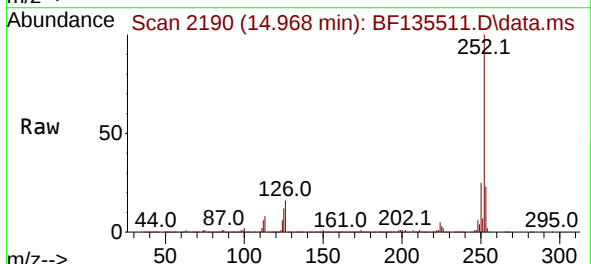
Manual Integrations
APPROVED

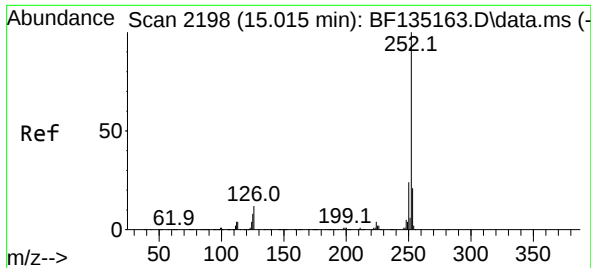
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#88
Benzo(b)fluoranthene
Concen: 53.786 ng
RT: 14.968 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:252 Resp: 857461
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 12.0 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 44.132 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :

BNA_F

ClientSampleId :

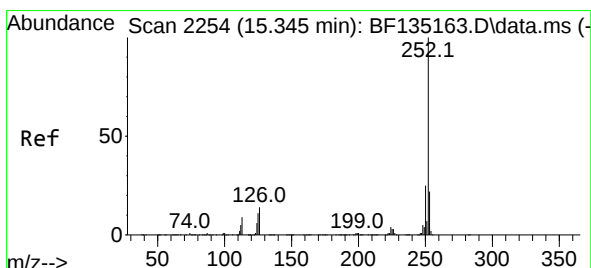
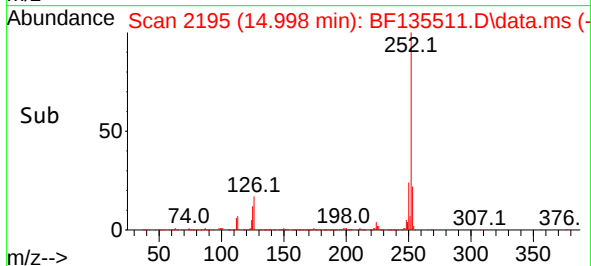
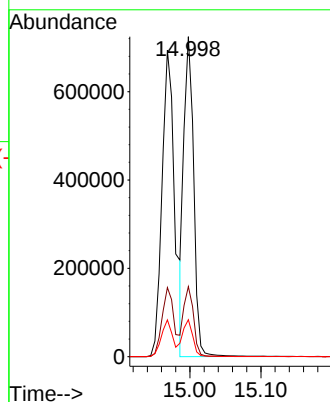
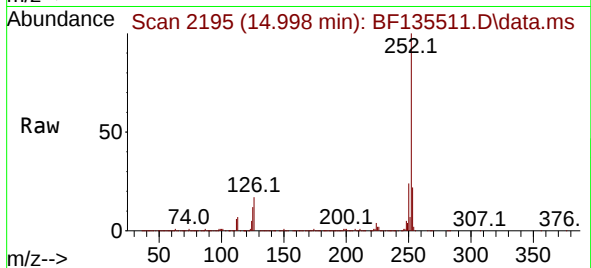
PB155928BS

Tgt Ion:252 Resp: 69499
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.6 7.2 10.8

Manual Integrations

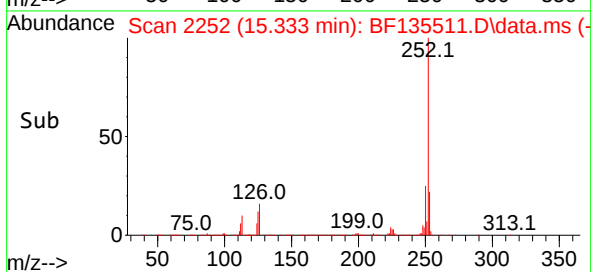
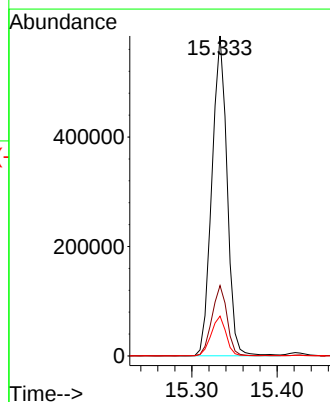
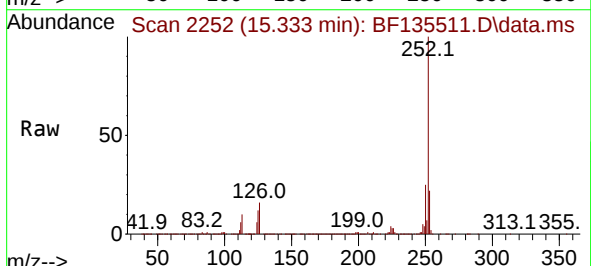
APPROVED

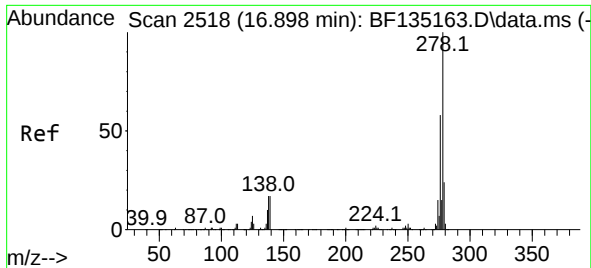
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#90
Benzo(a)pyrene
Concen: 47.646 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:252 Resp: 724351
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.4 9.2 13.8





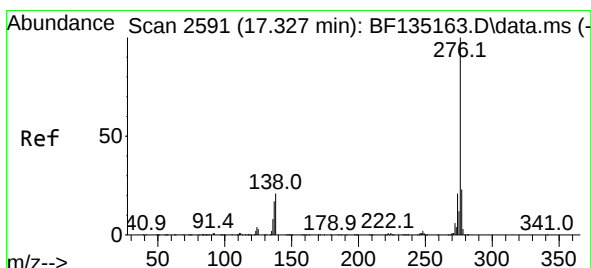
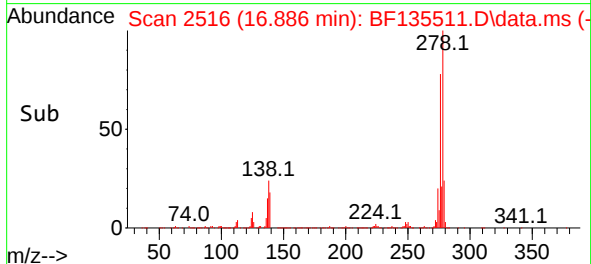
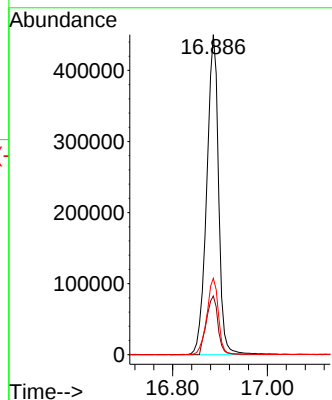
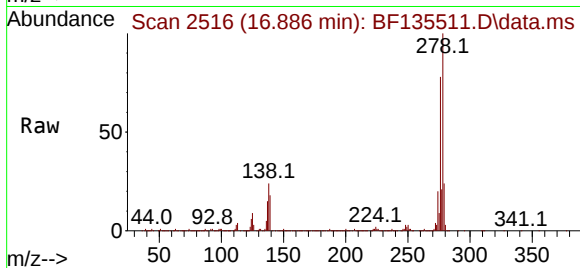
#91
Dibenzo(a,h)anthracene
Concen: 49.562 ng
RT: 16.886 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB155928BS

Tgt Ion:278 Resp: 783035
Ion Ratio Lower Upper
278 100
139 18.4 13.4 20.0
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#92
Benzo(g,h,i)perylene
Concen: 50.096 ng
RT: 17.321 min Scan# 2590
Delta R.T. -0.000 min
Lab File: BF135511.D
Acq: 29 Sep 2023 12:27

Tgt Ion:276 Resp: 826588
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 25.0 16.9 25.3

