

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135256.D
 Acq On : 14 Sep 2023 16:12
 Operator : CG\JU
 Sample : PB154922BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154922BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/15/2023
 Supervised By :mohammad
 ahmed

Quant Time: Sep 15 01:23:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	124880	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482722	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	232739	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	489559	20.000	ng	0.00
76) Chrysene-d12	13.951	240	253636	20.000	ng	0.00
86) Perylene-d12	15.415	264	233794	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	980612	127.716	ng	0.02
7) Phenol-d6	6.416	99	1251139	128.149	ng	0.01
23) Nitrobenzene-d5	7.334	82	806302	90.748	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	332550	143.783	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1396369	90.519	ng	0.00
79) Terphenyl-d14	12.892	244	1547542	94.584	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	127231	37.800	ng	98
3) Pyridine	3.340	79	309538	34.169	ng	97
4) n-Nitrosodimethylamine	3.304	42	201532	41.923	ng	98
6) Aniline	6.434	93	409470	31.983	ng	# 71
8) 2-Chlorophenol	6.551	128	392840	47.928	ng	100
9) Benzaldehyde	6.316	77	143227	25.752	ng	97
10) Phenol	6.428	94	450434	42.074	ng	84
11) bis(2-Chloroethyl)ether	6.510	93	364560	45.397	ng	99
12) 1,3-Dichlorobenzene	6.704	146	382889	45.966	ng	99
13) 1,4-Dichlorobenzene	6.781	146	388516	45.843	ng	99
14) 1,2-Dichlorobenzene	6.934	146	365945	46.497	ng	98
15) Benzyl Alcohol	6.916	79	323523	46.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	680543	44.960	ng	97
17) 2-Methylphenol	7.028	107	309671	42.814	ng	97
18) Hexachloroethane	7.269	117	144230	46.059	ng	92
19) n-Nitroso-di-n-propyla...	7.187	70	259478	42.908	ng	95
20) 3+4-Methylphenols	7.181	107	364362	41.893	ng	95
22) Acetophenone	7.181	105	509911	46.203	ng	# 99
24) Nitrobenzene	7.351	77	402004	45.776	ng	98
25) Isophorone	7.592	82	757437	46.425	ng	100
26) 2-Nitrophenol	7.669	139	203471	48.274	ng	94
27) 2,4-Dimethylphenol	7.710	122	346016	48.840	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	458985	47.002	ng	99
29) 2,4-Dichlorophenol	7.910	162	315611	48.076	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	328973	47.943	ng	99
31) Naphthalene	8.069	128	1071294	45.676	ng	99
32) Benzoic acid	7.857	122	266918	50.033	ng	97
33) 4-Chloroaniline	8.122	127	176297	17.132	ng	96
34) Hexachlorobutadiene	8.181	225	190907	46.141	ng	99
35) Caprolactam	8.504	113	111441m	50.580	ng	
36) 4-Chloro-3-methylphenol	8.616	107	353023	48.384	ng	98
37) 2-Methylnaphthalene	8.763	142	693845	44.010	ng	97
38) 1-Methylnaphthalene	8.857	142	642126	43.503	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	324115	48.069	ng	99
41) Hexachlorocyclopentadiene	8.910	237	278762	92.551	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	221859	50.255	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	246786	48.542	ng	97
46) 1,1'-Biphenyl	9.228	154	868967	48.585	ng	99
47) 2-Chloronaphthalene	9.251	162	644920	49.697	ng	97
48) 2-Nitroaniline	9.351	65	251306	49.847	ng	95
49) Acenaphthylene	9.669	152	982275	45.545	ng	99
50) Dimethylphthalate	9.533	163	784434	49.851	ng	100
51) 2,6-Dinitrotoluene	9.598	165	167703	48.650	ng	93
52) Acenaphthene	9.839	154	591387	46.418	ng	99
53) 3-Nitroaniline	9.769	138	132544	32.756	ng	94
54) 2,4-Dinitrophenol	9.886	184	185848	93.801	ng	91
55) Dibenzofuran	10.016	168	895275	46.049	ng	100
56) 4-Nitrophenol	9.945	139	259134	100.765	ng	99
57) 2,4-Dinitrotoluene	10.010	165	207004	47.968	ng	88
58) Fluorene	10.357	166	715856	47.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	204780	52.362	ng	99
60) Diethylphthalate	10.239	149	755853	47.863	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	339556	47.294	ng	93
62) 4-Nitroaniline	10.392	138	195894	50.364	ng	99
63) Azobenzene	10.510	77	767098	49.633	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	130835	50.317	ng	90
66) n-Nitrosodiphenylamine	10.475	169	673585	45.447	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	221836	45.561	ng	95
68) Hexachlorobenzene	10.904	284	239511	48.284	ng	93
69) Atrazine	11.010	200	226087	56.692	ng	99
70) Pentachlorophenol	11.104	266	255159	85.975	ng	99
71) Phenanthrene	11.322	178	1065773	46.030	ng	99
72) Anthracene	11.375	178	1080508	45.400	ng	100
73) Carbazole	11.533	167	1029903	47.536	ng	99
74) Di-n-butylphthalate	11.869	149	1256453	49.216	ng	100
75) Fluoranthene	12.516	202	1144164	47.424	ng	99
77) Benzidine	12.639	184	339630	65.361	ng	99
78) Pyrene	12.745	202	1151892	47.701	ng	100
80) Butylbenzylphthalate	13.374	149	482571	56.759	ng	99
81) Benzo(a)anthracene	13.945	228	766155	46.780	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	177438	34.685	ng	# 98
83) Chrysene	13.980	228	753728	46.288	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	554355	63.539	ng	99
85) Di-n-octyl phthalate	14.551	149	855183	61.678	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	767840	50.090	ng	99
88) Benzo(b)fluoranthene	14.992	252	643155	50.818	ng	99
89) Benzo(k)fluoranthene	15.021	252	637400	50.984	ng	99
90) Benzo(a)pyrene	15.357	252	576458	47.762	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	623329	49.697	ng	97
92) Benzo(g,h,i)perylene	17.351	276	631375	48.200	ng	99

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

Manual Integrations

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Supervised By :mohammad
ahmed

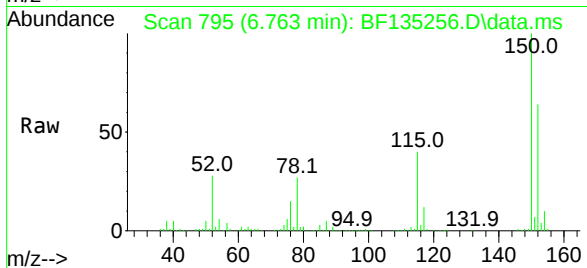
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135256.D
 Acq: 14 Sep 2023 16:12

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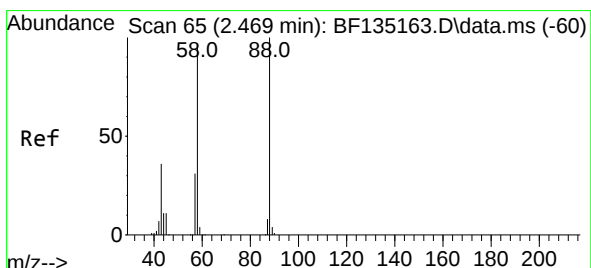
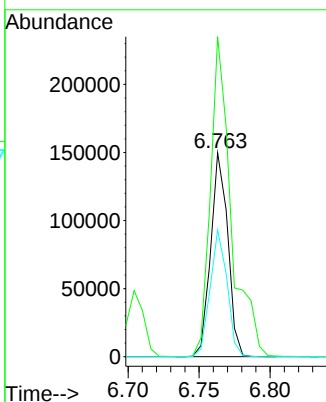
Tgt Ion: 152 Resp: 124880
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.8 191.6
 115 62.2 49.8 74.8

Manual Integrations
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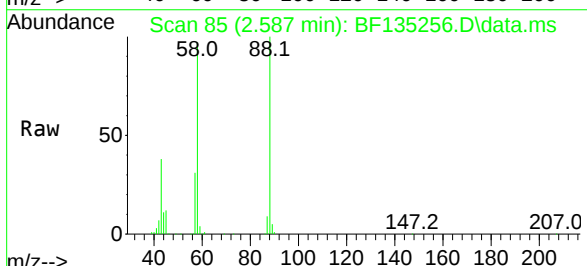
Reviewed By :Yogesh
 Patel

09/15/2023
 Supervised By :mohammad
 ahmed

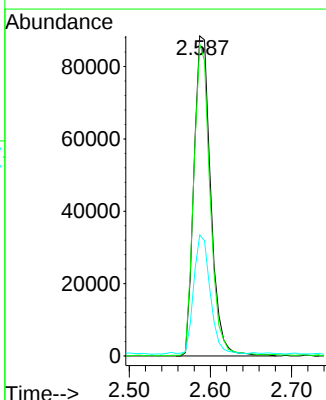
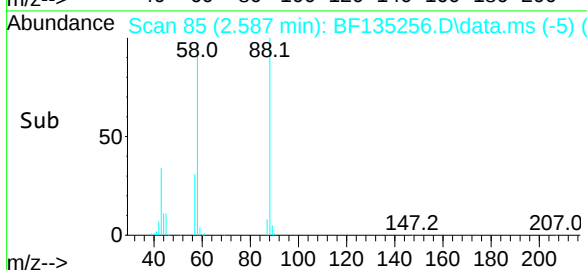
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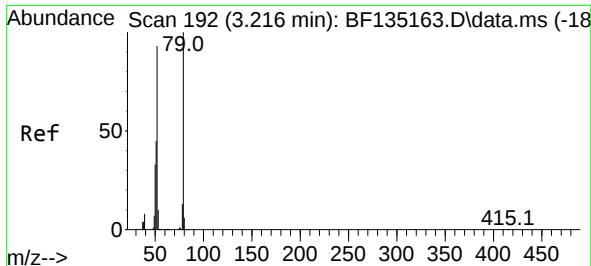


#2
 1,4-Dioxane
 Concen: 37.800 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.118 min
 Lab File: BF135256.D
 Acq: 14 Sep 2023 16:12



Tgt Ion: 88 Resp: 127231
 Ion Ratio Lower Upper
 88 100
 58 95.4 78.3 117.5
 43 35.8 29.4 44.0





#3
Pyridine
Concen: 34.169 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.124 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

Tgt Ion: 79 Resp: 30953
Ion Ratio Lower Upper
79 100
52 96.2 74.1 111.1
51 45.5 35.8 53.8

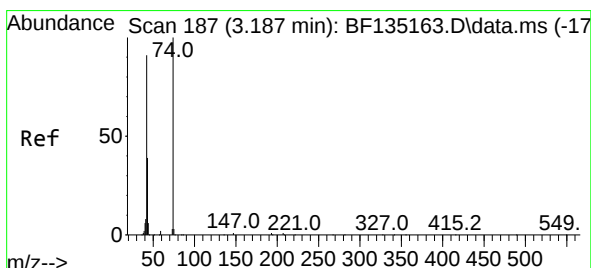
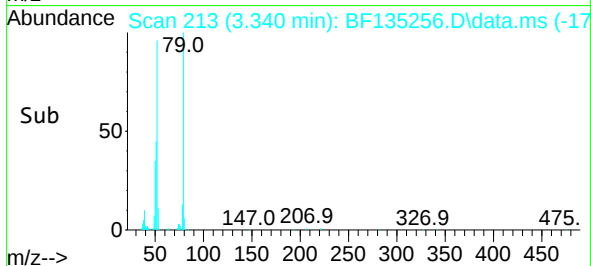
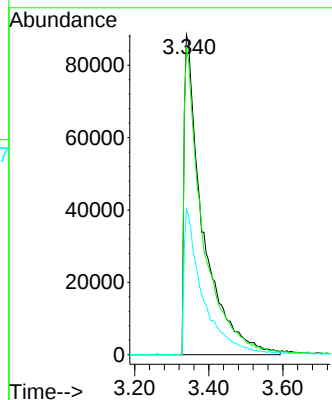
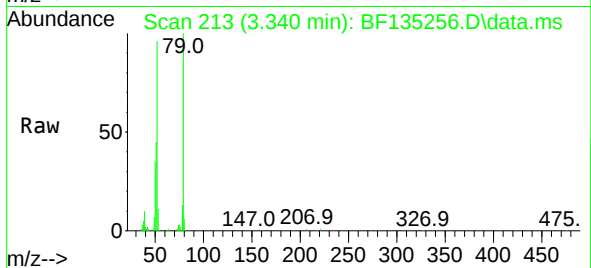
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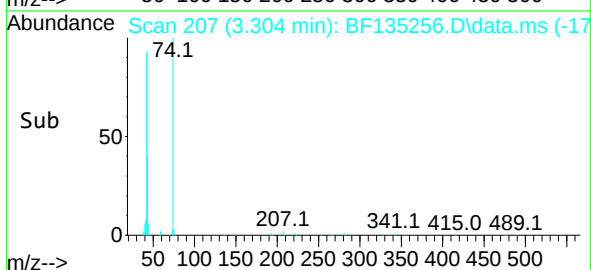
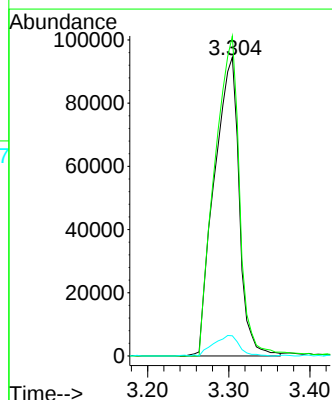
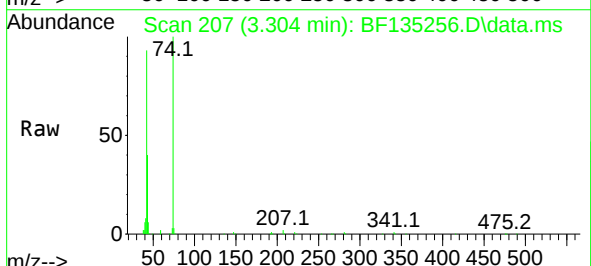
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#4
n-Nitrosodimethylamine
Concen: 41.923 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.118 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion: 42 Resp: 201532
Ion Ratio Lower Upper
42 100
74 107.1 87.7 131.5
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 127.716 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

Tgt Ion:112 Resp: 980612
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 35.0 29.0 43.6

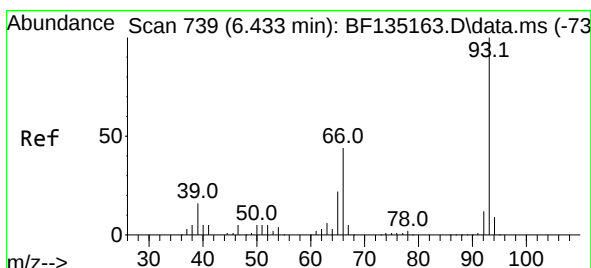
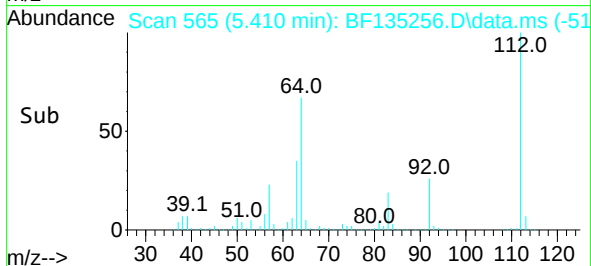
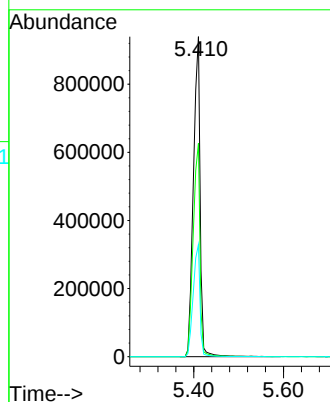
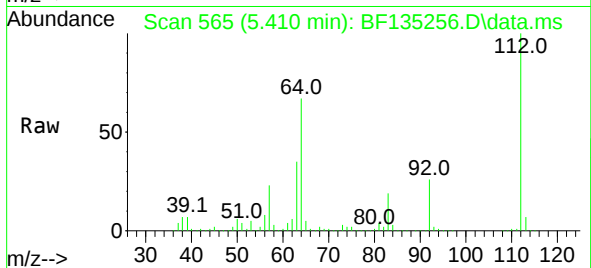
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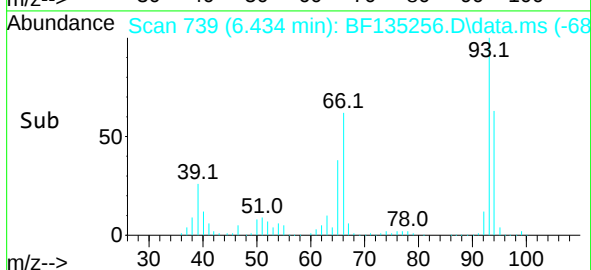
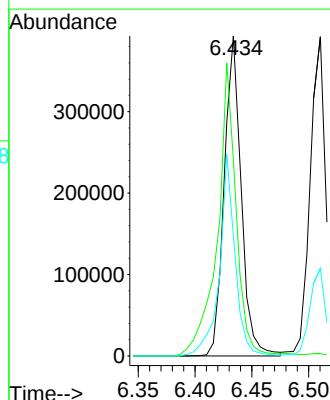
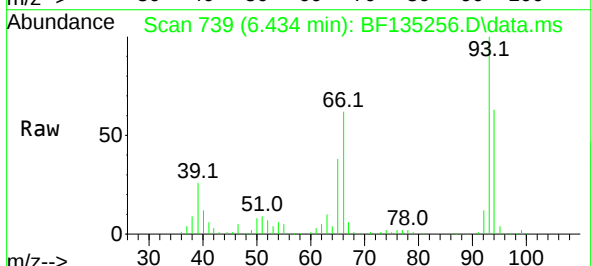
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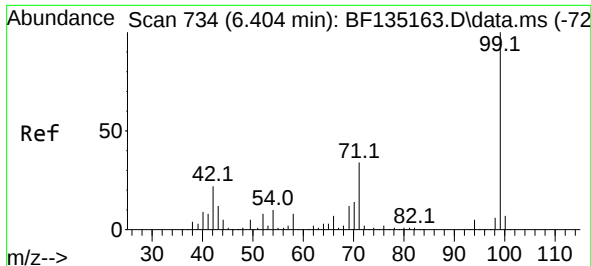
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#6
Aniline
Concen: 31.983 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

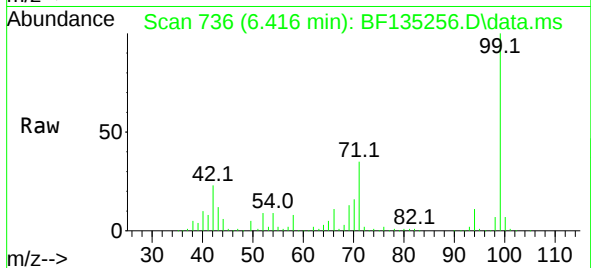
Tgt Ion: 93 Resp: 409470
Ion Ratio Lower Upper
93 100
66 61.6 35.4 53.0#
65 37.8 17.8 26.8#





#7
Phenol-d6
Concen: 128.149 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :
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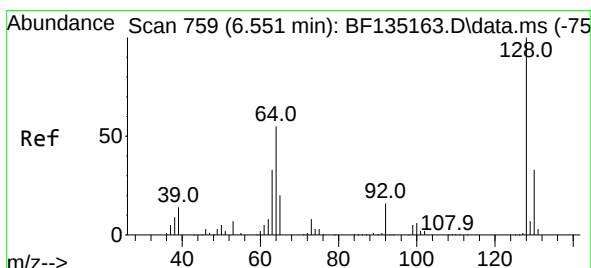
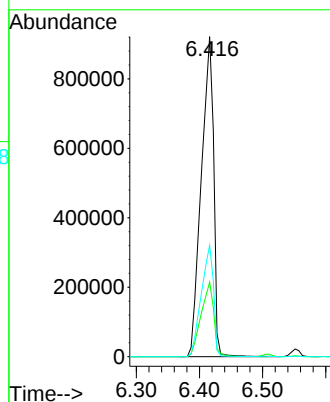
Tgt Ion: 99 Resp: 1251139
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 34.8 27.0 40.6

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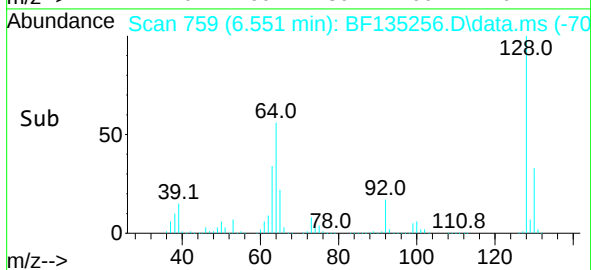
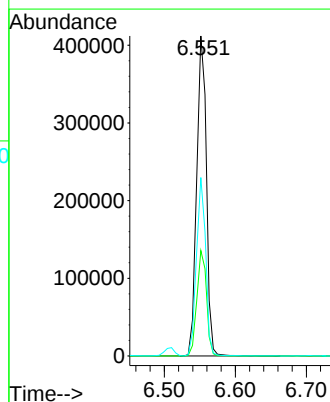
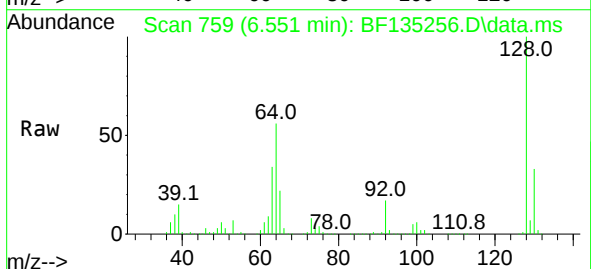
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ahmed

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#8
2-Chlorophenol
Concen: 47.928 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

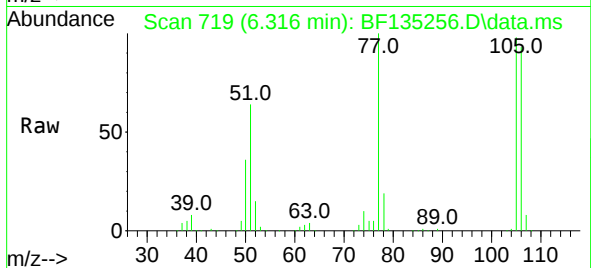
Tgt Ion:128 Resp: 392840
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 55.7 35.9 75.9





#9
Benzaldehyde
Concen: 25.752 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

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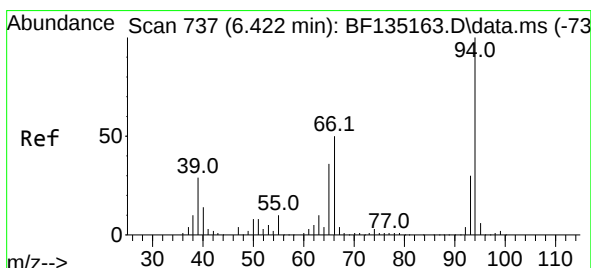
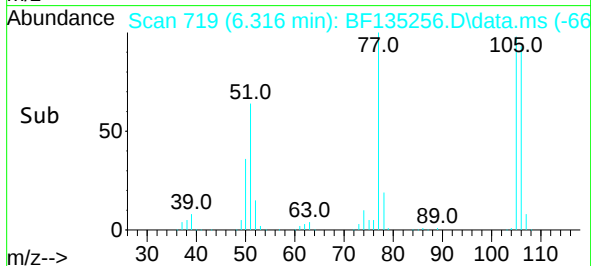
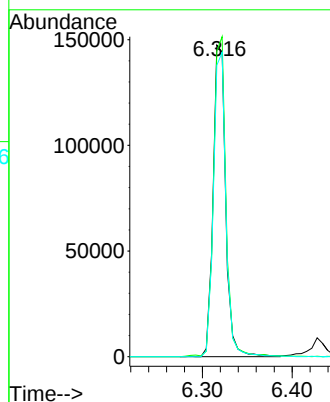
Tgt Ion: 77 Resp: 143227
Ion Ratio Lower Upper
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105 98.0 81.4 121.4
106 93.5 76.9 116.9

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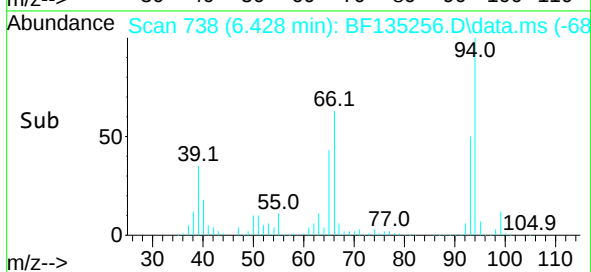
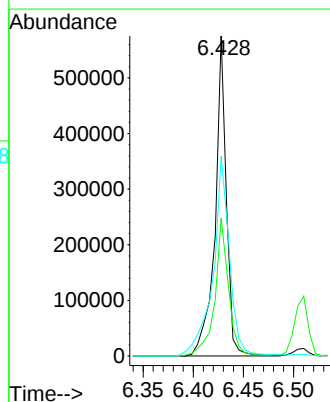
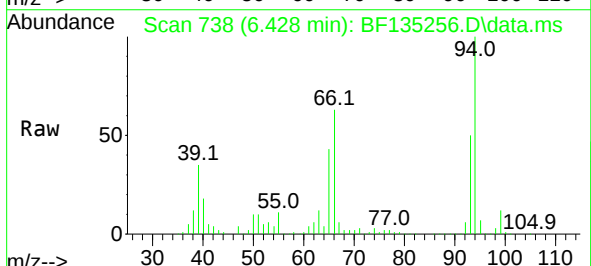
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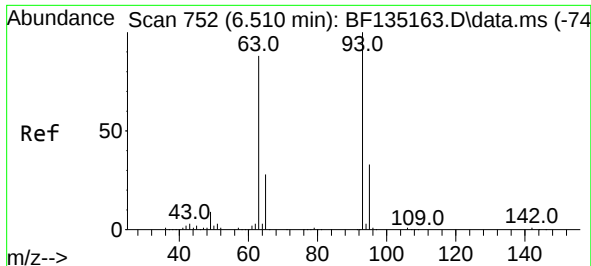
09/15/2023



#10
Phenol
Concen: 42.074 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion: 94 Resp: 450434
Ion Ratio Lower Upper
94 100
65 43.0 15.9 55.9
66 62.5 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 45.397 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF135256.D

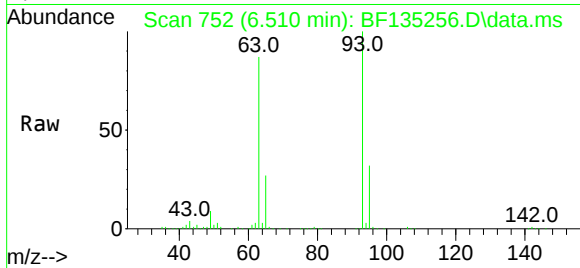
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 93 Resp: 364560

Ion Ratio Lower Upper

93 100

63 86.6 67.3 107.3

95 32.4 12.7 52.7

Manual Integrations

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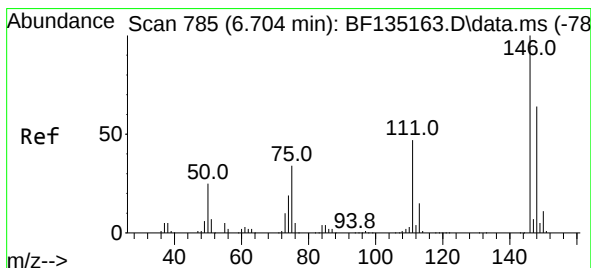
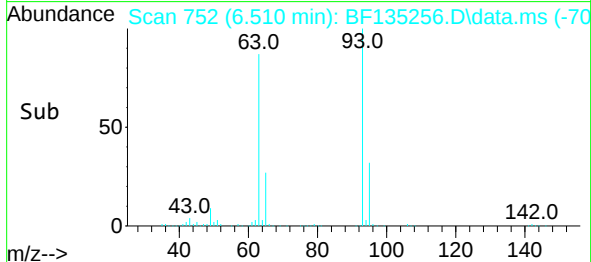
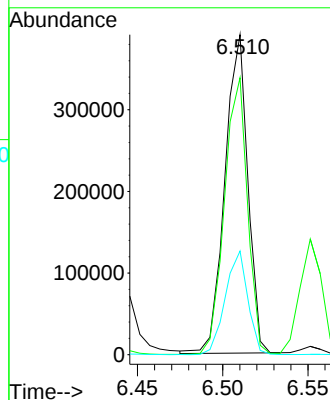
Reviewed By :Yogesh

Patel

09/15/2023

Supervised By :mohammad
ahmed

09/15/2023



#12

1,3-Dichlorobenzene

Concen: 45.966 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

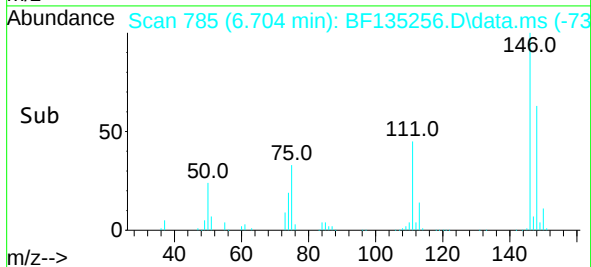
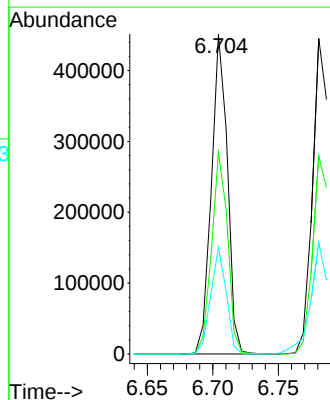
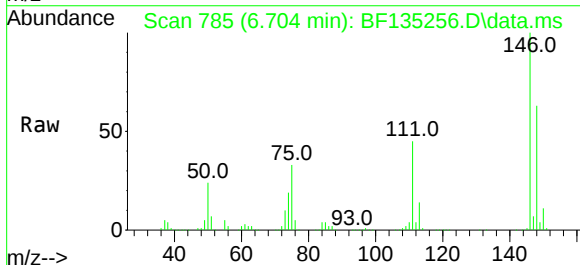
Tgt Ion:146 Resp: 382889

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

75 33.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.843 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

Tgt Ion:146 Resp: 388510
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.3 76.9
 111 44.3 35.1 52.7

Manual Integrations

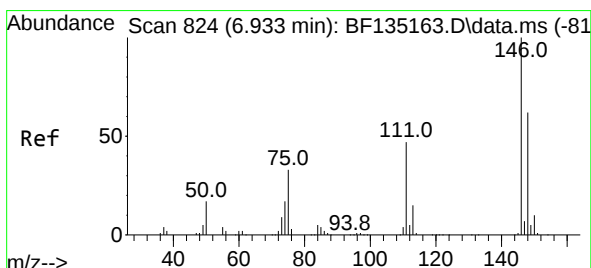
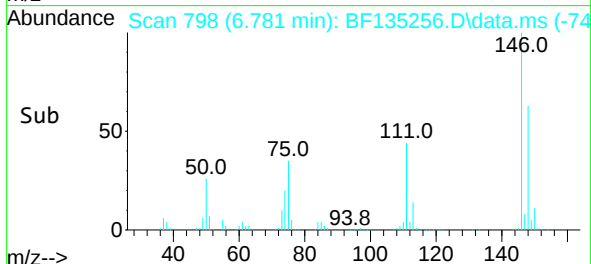
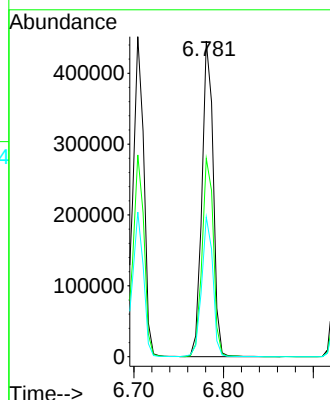
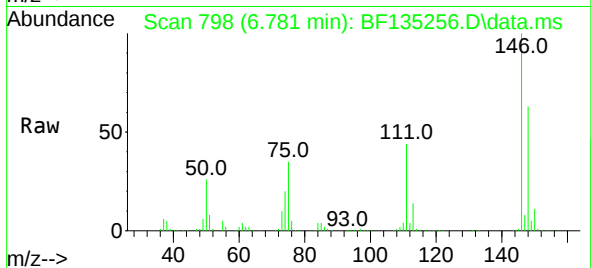
APPROVED

Reviewed By :Yogesh
 Patel

09/15/2023

Supervised By :mohammad
 ahmed

09/15/2023



#14

1,2-Dichlorobenzene

Concen: 46.497 ng

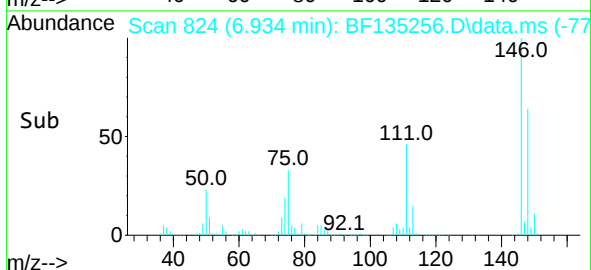
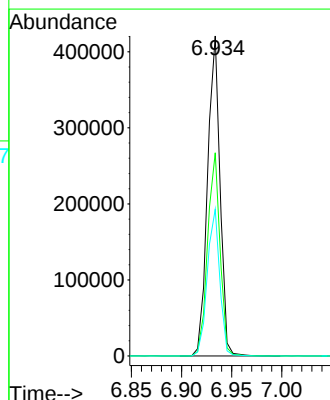
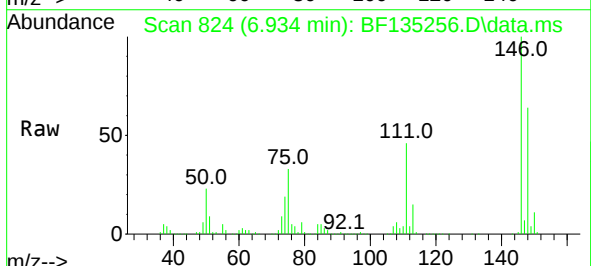
RT: 6.934 min Scan# 824

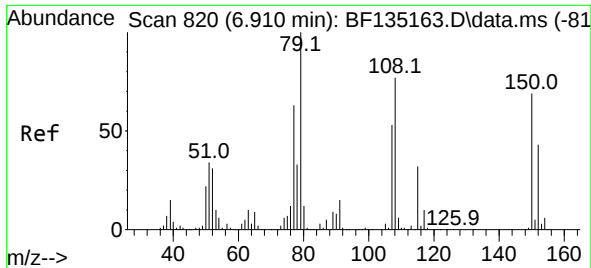
Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

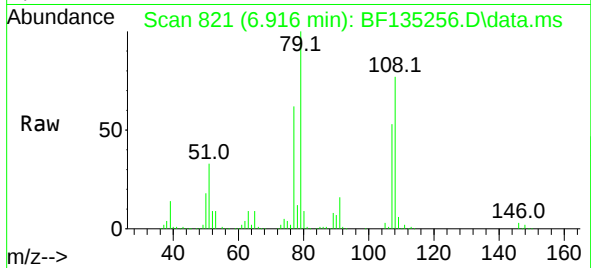
Tgt Ion:146 Resp: 365945
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.7 74.5
 111 45.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 46.179 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :
BNA_F
ClientSampleId :
PB154922BS



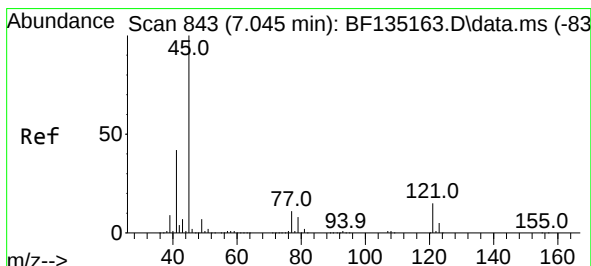
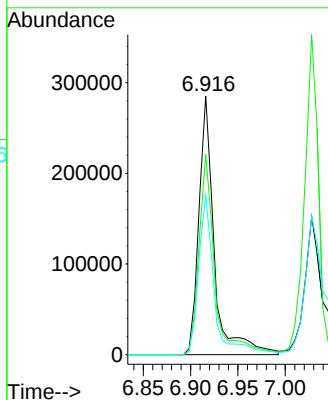
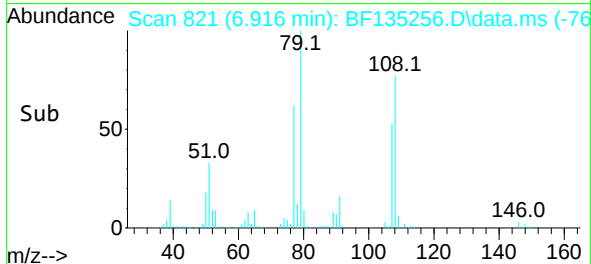
Tgt Ion: 79 Resp: 32352
Ion Ratio Lower Upper
79 100
108 77.4 61.2 91.8
77 61.7 50.5 75.7

Manual Integrations
APPROVED

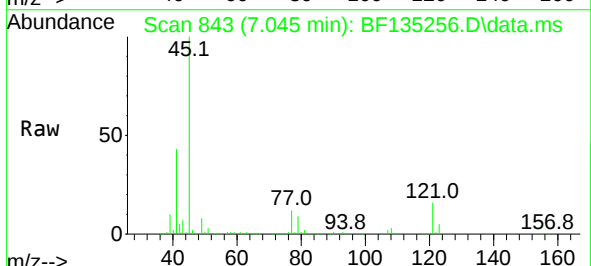
Reviewed By :Yogesh
Patel

09/15/2023
Supervised By :mohammad
ahmed

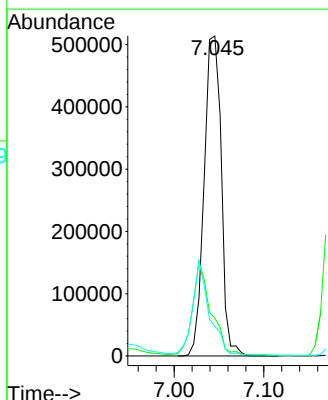
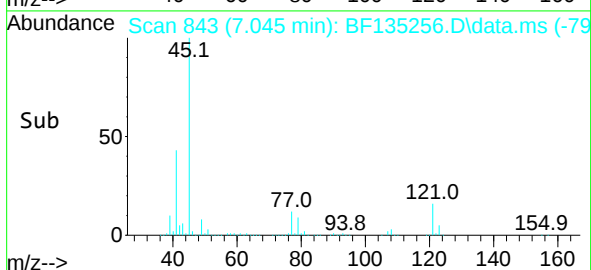
09/15/2023

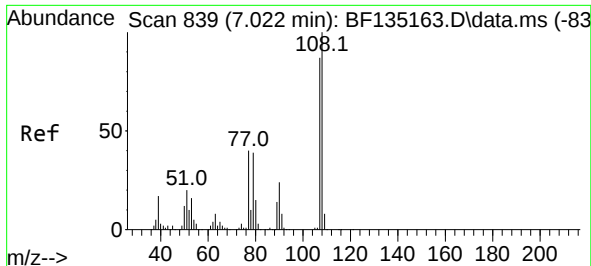


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.960 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion: 45 Resp: 680543
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.6
79 9.3 0.0 28.3





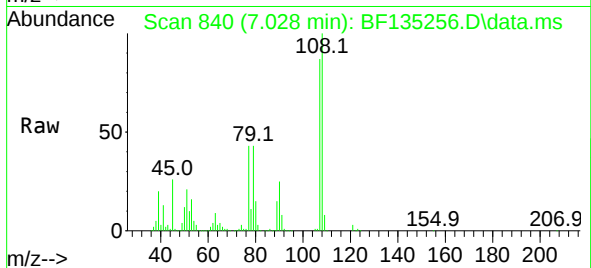
#17
2-Methylphenol
Concen: 42.814 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS



Tgt Ion:107 Resp: 30967
Ion Ratio Lower Upper
107 100
108 114.6 92.0 138.0
77 49.6 36.7 55.1
79 49.4 36.3 54.5

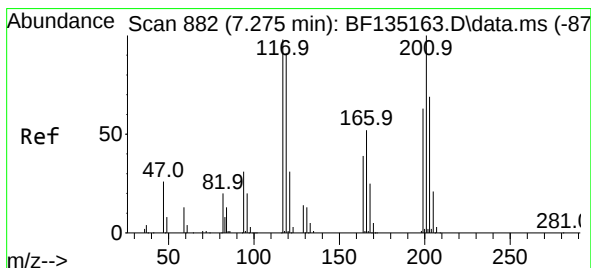
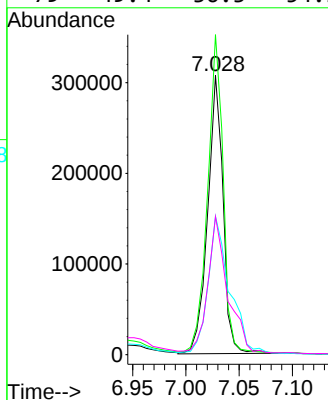
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/15/2023

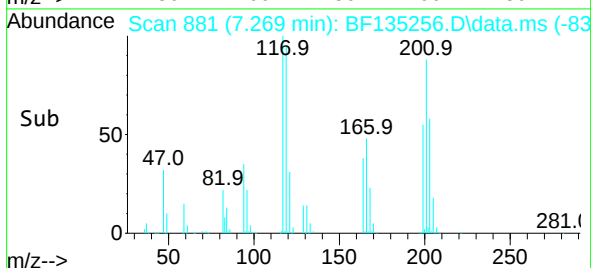
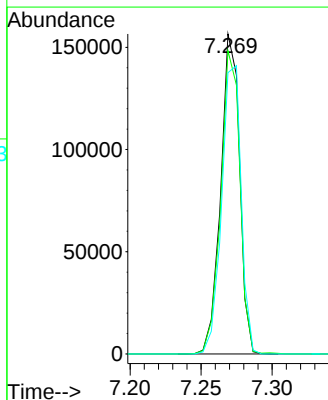
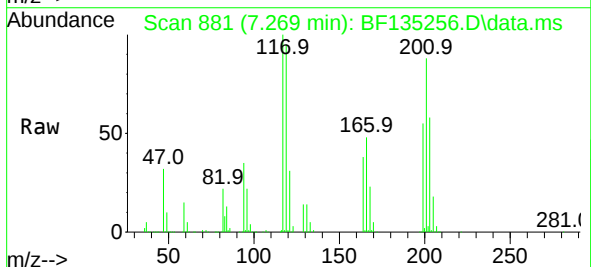
Supervised By :mohammad
ahmed

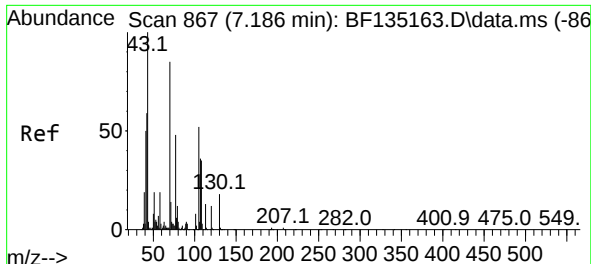
09/15/2023



#18
Hexachloroethane
Concen: 46.059 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

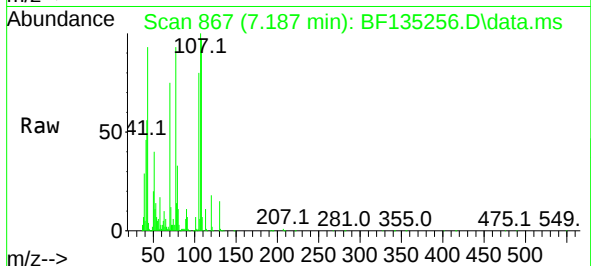
Tgt Ion:117 Resp: 144230
Ion Ratio Lower Upper
117 100
119 94.8 74.7 112.1
201 87.9 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.908 ng
RT: 7.187 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :
BNA_F
ClientSampleId :
PB154922BS



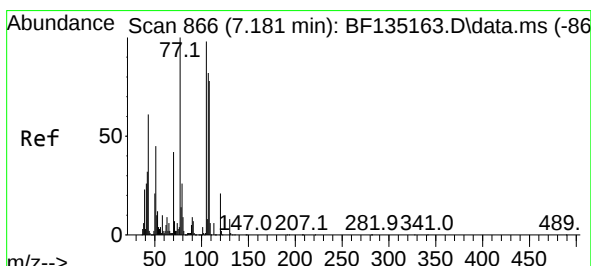
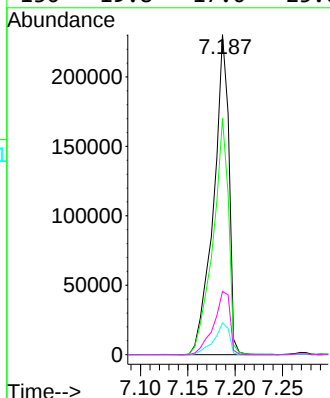
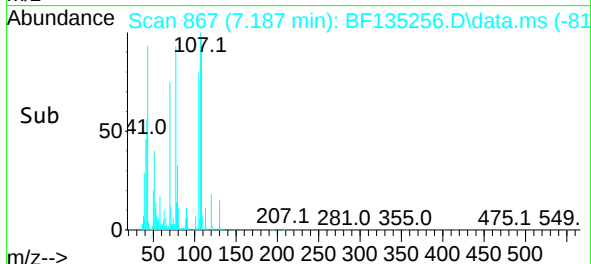
Tgt Ion:	70	Resp:	259478
Ion	Ratio	Lower	Upper
70	100		
42	73.8	55.4	83.0
101	9.9	7.7	11.5
130	19.8	17.0	25.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

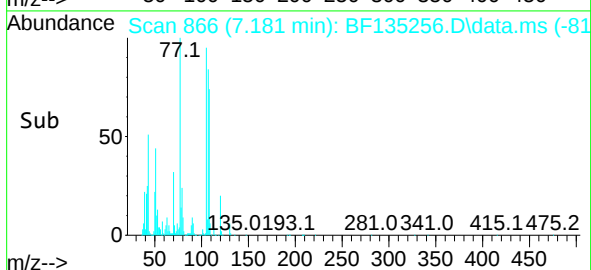
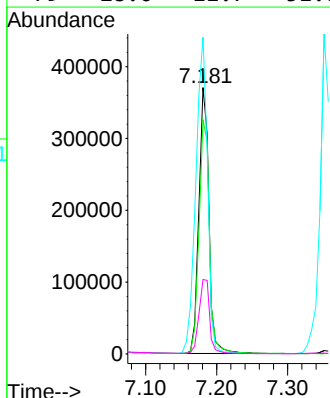
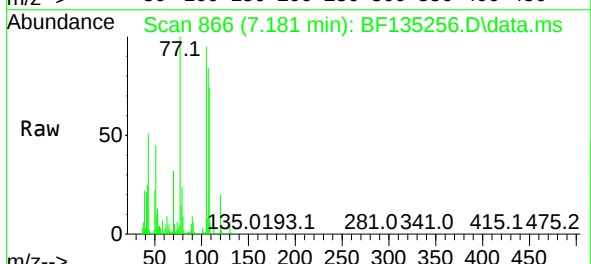
09/15/2023
Supervised By :mohammad
ahmed

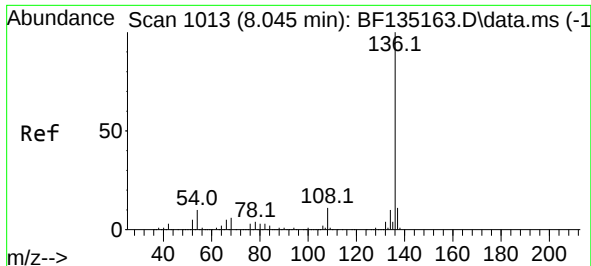
09/15/2023



#20
3+4-Methylphenols
Concen: 41.893 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:	107	Resp:	364362
Ion	Ratio	Lower	Upper
107	100		
108	87.8	74.7	114.7
77	118.9	102.0	142.0
79	28.0	11.7	51.7





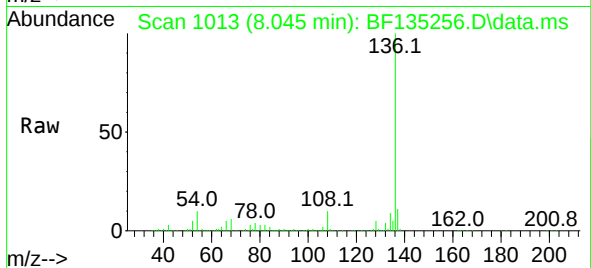
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

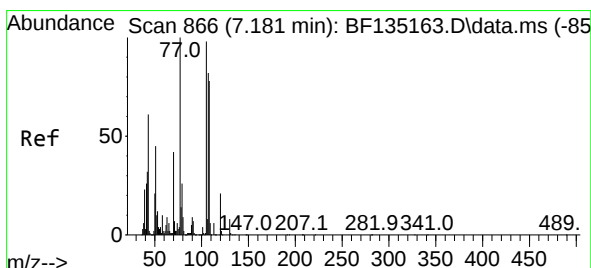
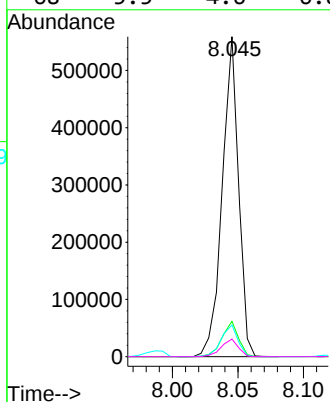
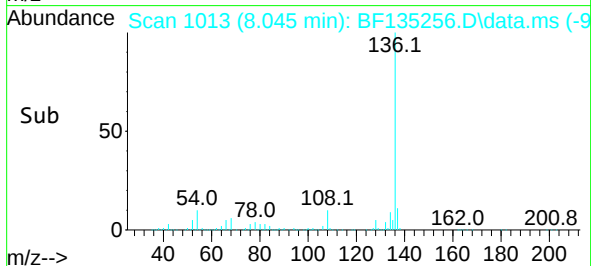


Tgt Ion:136 Resp: 482722
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.9 7.7 11.5
68 5.5 4.6 6.8

Manual Integrations

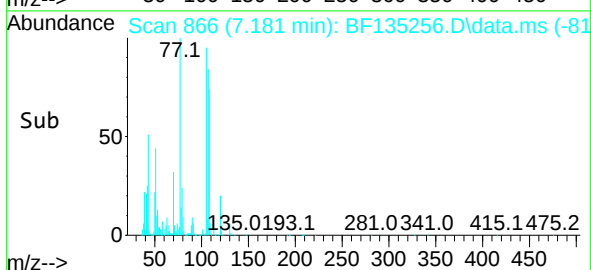
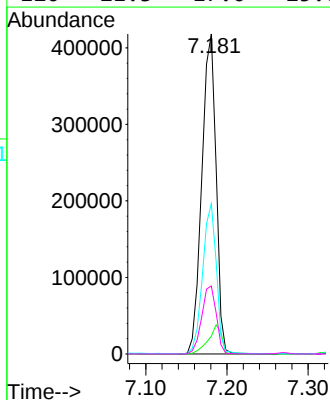
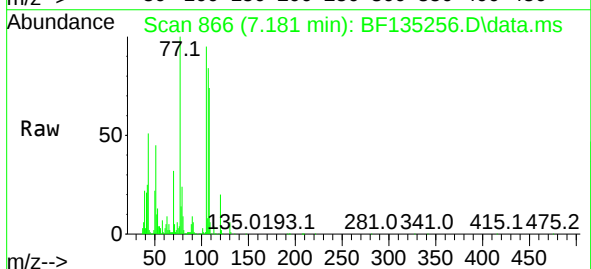
APPROVED

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



#22
Acetophenone
Concen: 46.203 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:105 Resp: 509911
Ion Ratio Lower Upper
105 100
71 5.5 5.8 8.6#
51 47.0 37.0 55.4
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 90.748 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

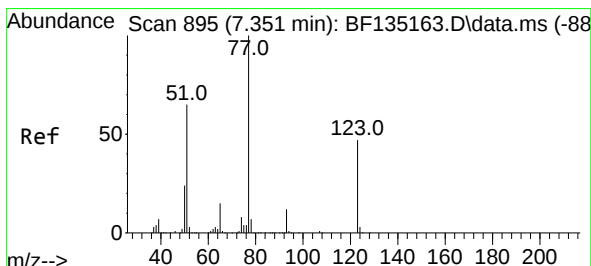
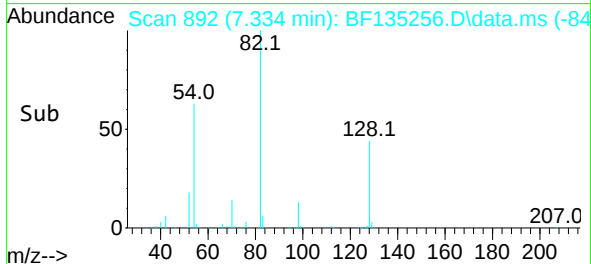
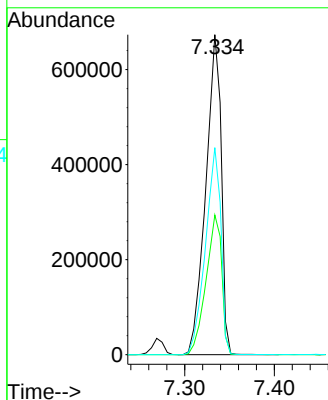
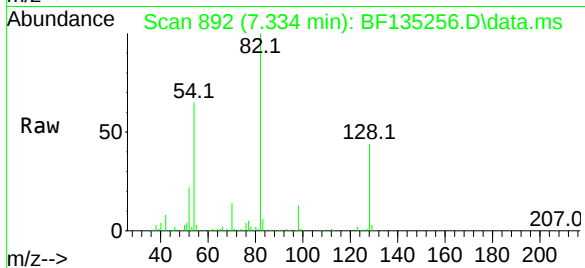
ClientSampleId :

PB154922BS

Tgt Ion: 82 Resp: 806302
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.8 53.6
 54 64.7 50.6 76.0

Manual Integrations
 APPROVED

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



#24

Nitrobenzene

Concen: 45.776 ng

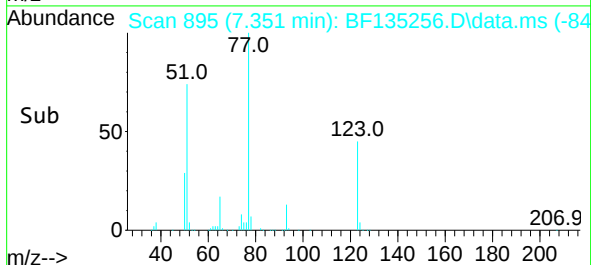
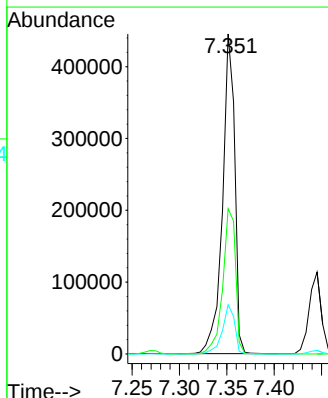
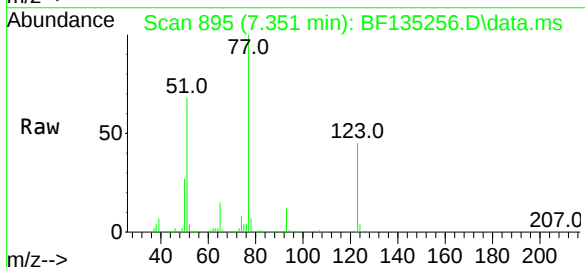
RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Tgt Ion: 77 Resp: 402004
 Ion Ratio Lower Upper
 77 100
 123 45.4 37.6 56.4
 65 15.4 12.2 18.4





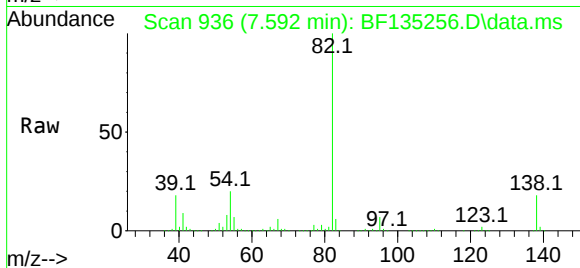
#25
Isophorone
Concen: 46.425 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

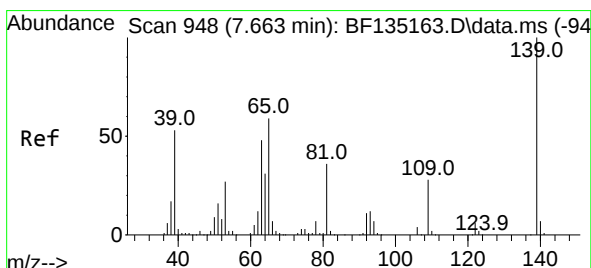
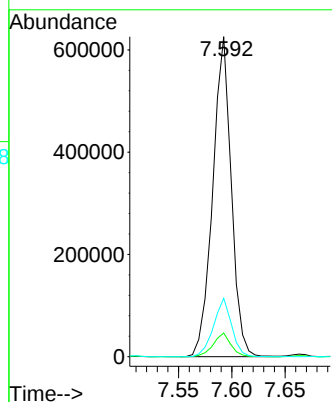


Tgt Ion: 82 Resp: 75743
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.2 14.5 21.7

Manual Integrations

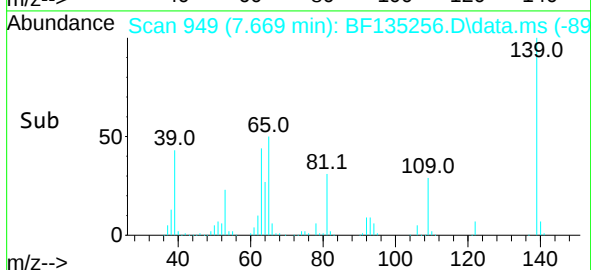
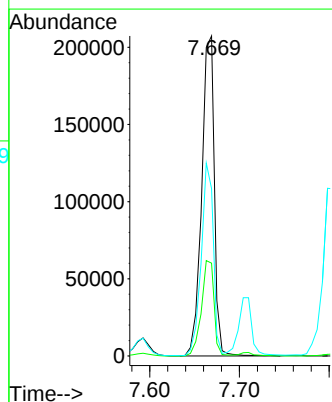
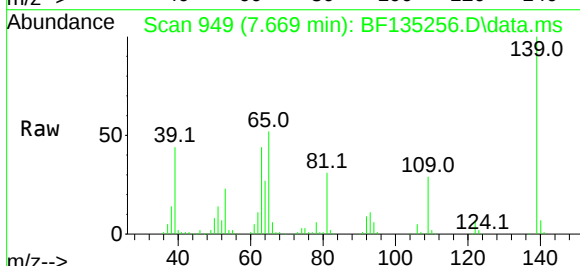
APPROVED

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



#26
2-Nitrophenol
Concen: 48.274 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:139 Resp: 203471
Ion Ratio Lower Upper
139 100
109 29.0 22.6 33.8
65 52.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.840 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135256.D

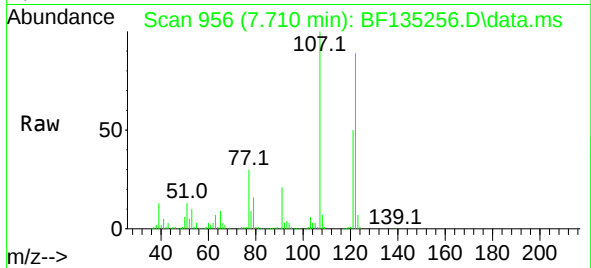
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS



Tgt Ion:122 Resp: 346010

Ion Ratio Lower Upper

122 100

107 112.0 90.2 135.4

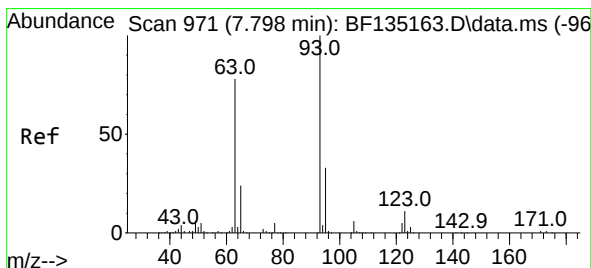
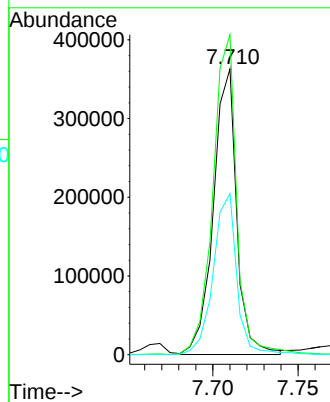
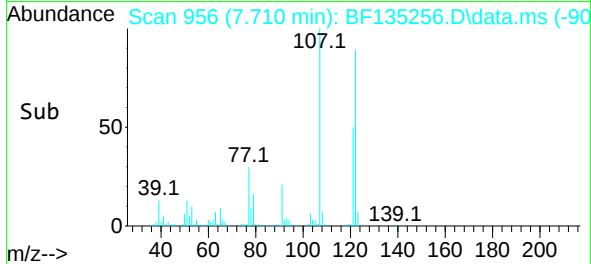
121 56.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.002 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

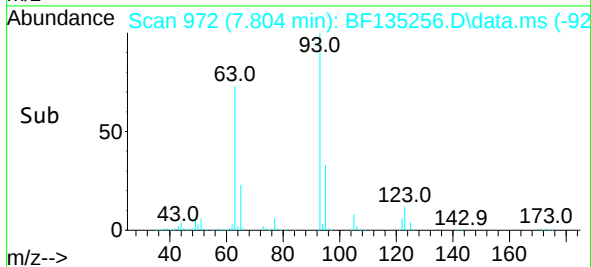
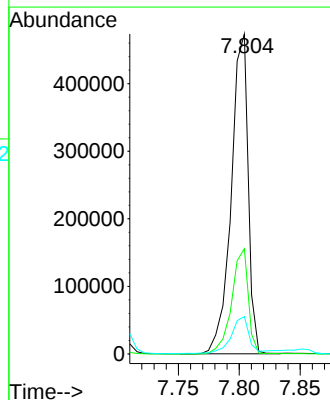
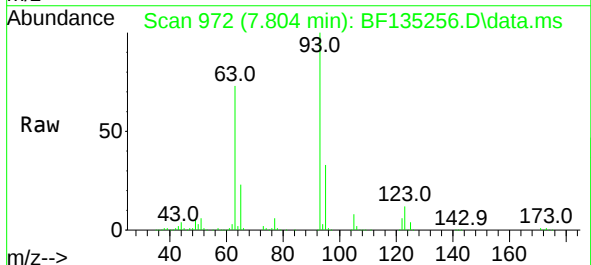
Tgt Ion: 93 Resp: 458985

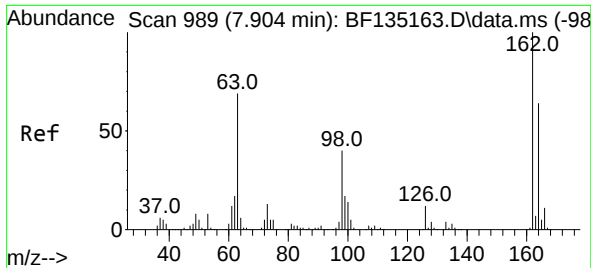
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.076 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

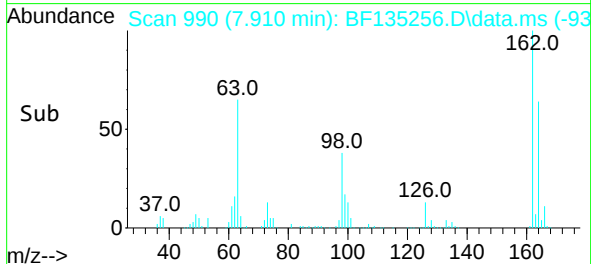
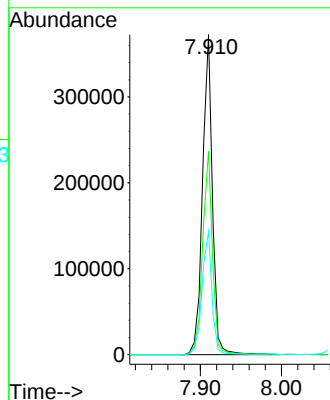
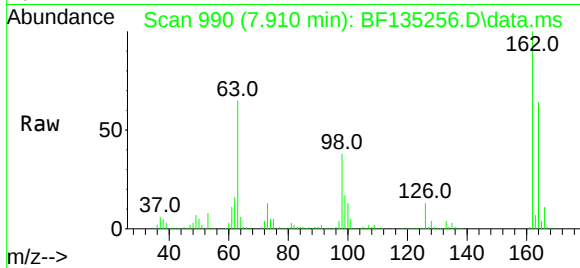
Tgt Ion:162	Resp: 31561
Ion Ratio	Lower Upper
162 100	
164 63.7	44.1 84.1
98 38.5	20.3 60.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.943 ng

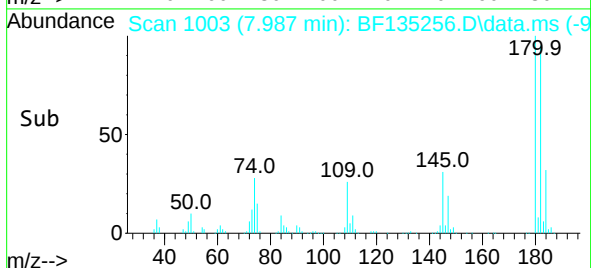
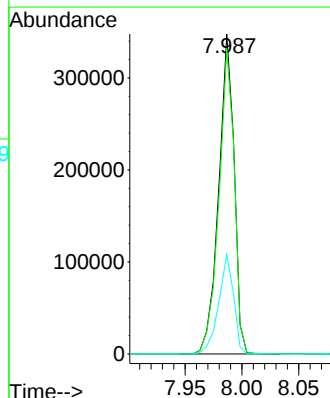
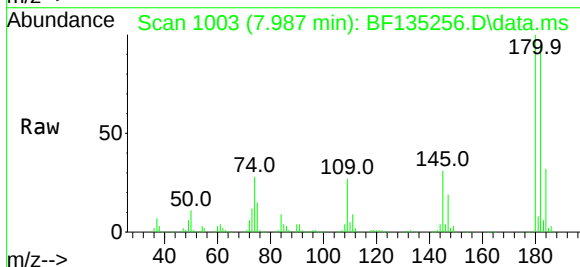
RT: 7.987 min Scan# 1003

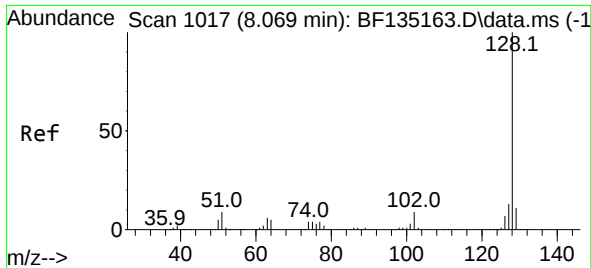
Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

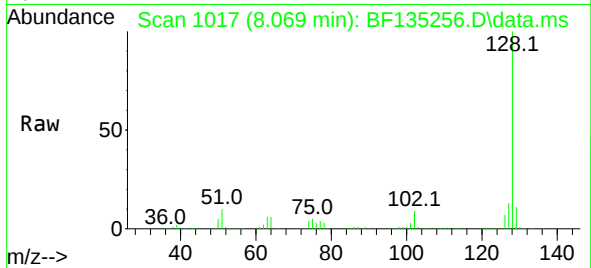
Tgt Ion:180	Resp: 328973
Ion Ratio	Lower Upper
180 100	
182 95.2	76.9 115.3
145 31.1	24.5 36.7





#31
Naphthalene
Concen: 45.676 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

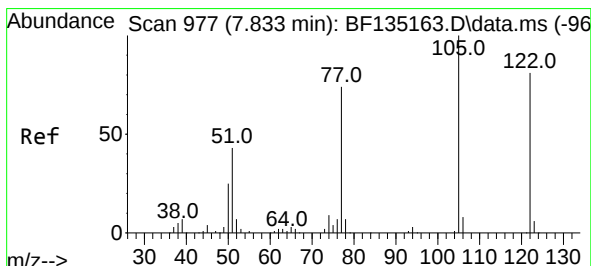
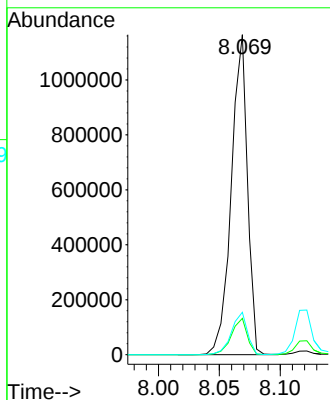
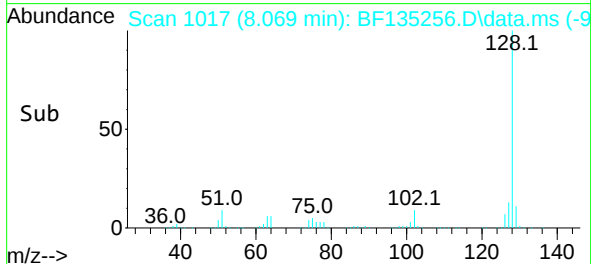
Instrument :
BNA_F
ClientSampleId :
PB154922BS



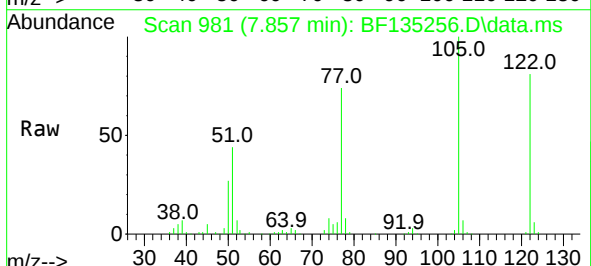
Tgt Ion:128 Resp: 1071294
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.7 16.1

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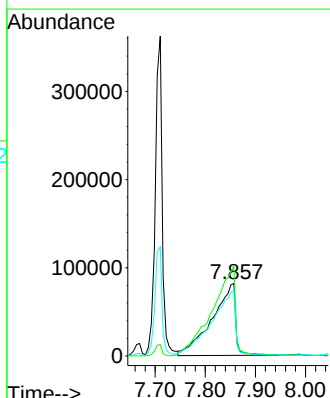
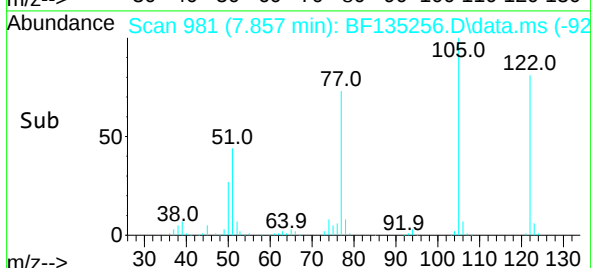
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#32
Benzoic acid
Concen: 50.033 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:122 Resp: 266918
Ion Ratio Lower Upper
122 100
105 123.7 99.9 139.9
77 91.3 70.0 110.0





#33
4-Chloroaniline
Concen: 17.132 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

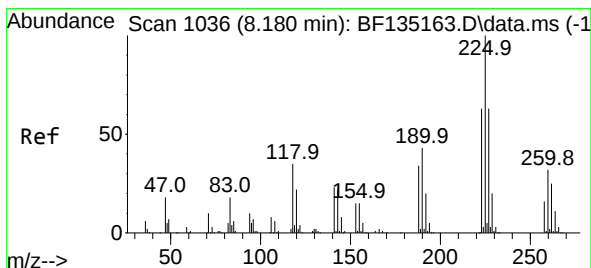
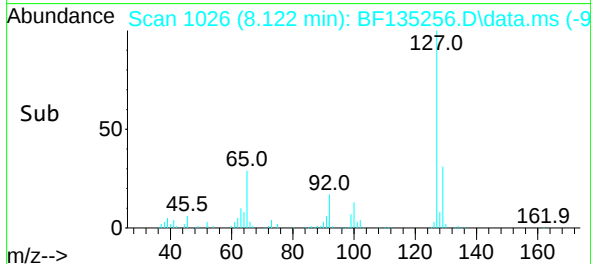
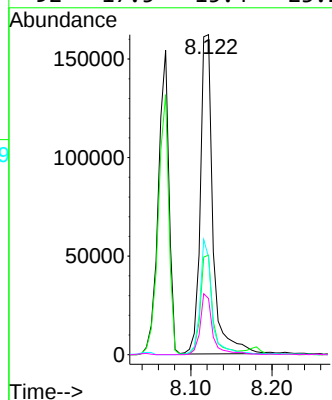
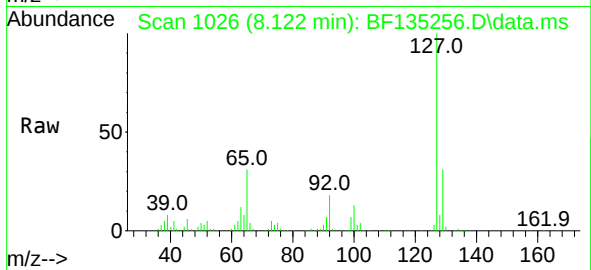
ClientSampleId :

PB154922BS

Tgt Ion:127 Resp: 17629
Ion Ratio Lower Upper
127 100
129 31.1 25.8 38.8
65 30.5 26.6 39.8
92 17.5 15.4 23.2

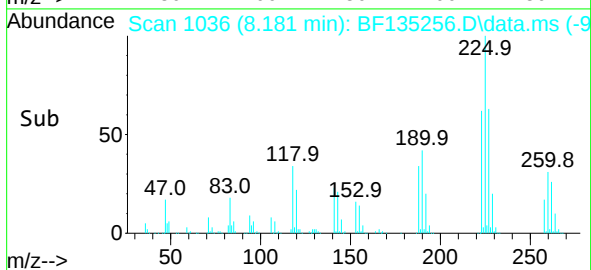
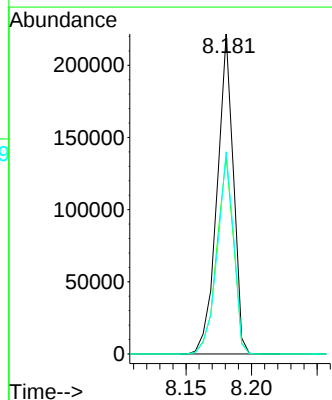
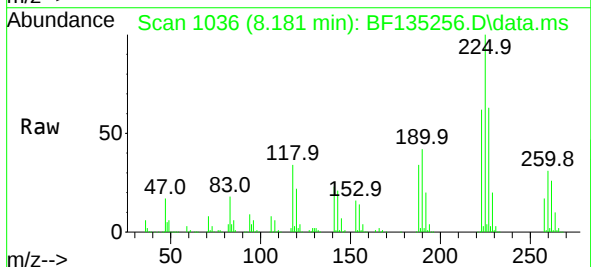
Manual Integrations
APPROVED

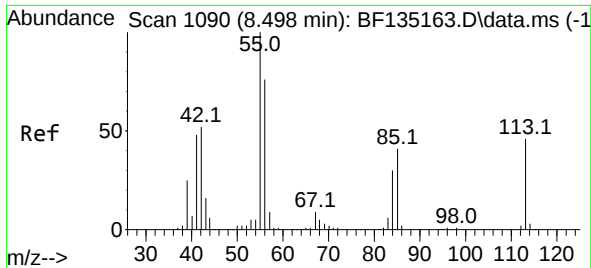
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#34
Hexachlorobutadiene
Concen: 46.141 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

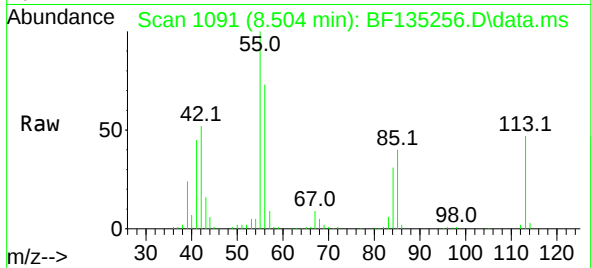
Tgt Ion:225 Resp: 190907
Ion Ratio Lower Upper
225 100
223 61.7 50.6 75.8
227 63.2 50.8 76.2





#35
Caprolactam
Concen: 50.580 ng m
RT: 8.504 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

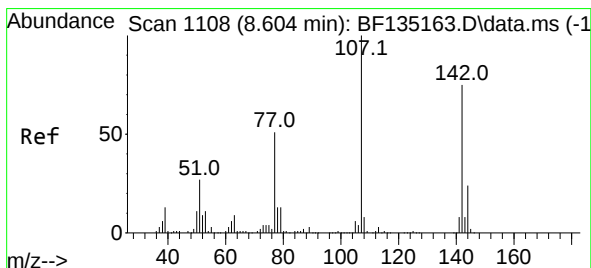
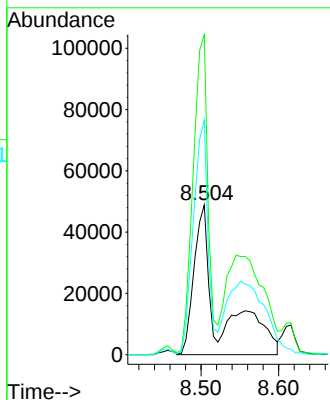
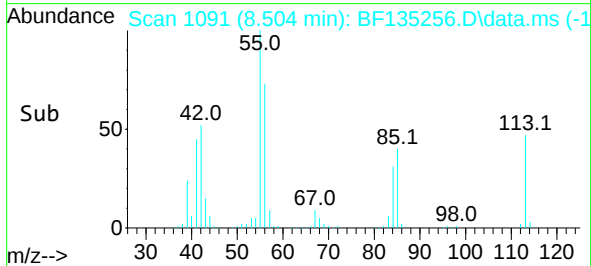
Instrument :
BNA_F
ClientSampleId :
PB154922BS



Tgt Ion:113 Resp: 11144
Ion Ratio Lower Upper
113 100
55 213.8 199.3 239.3
56 156.7 146.3 186.3

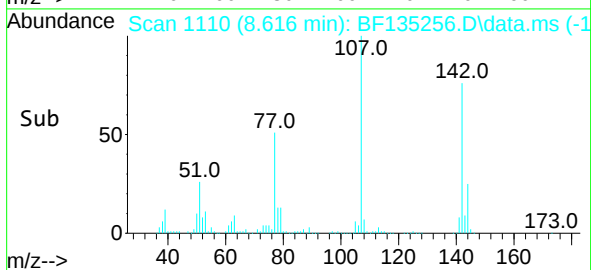
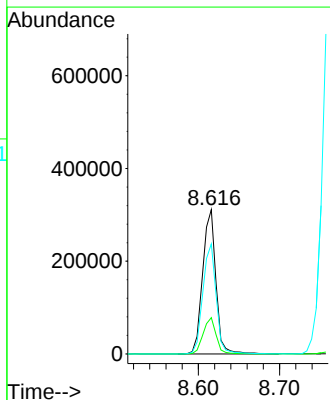
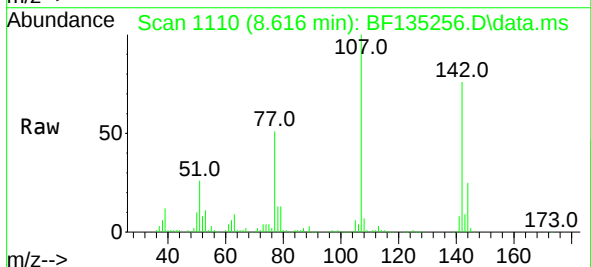
Manual Integrations
APPROVED

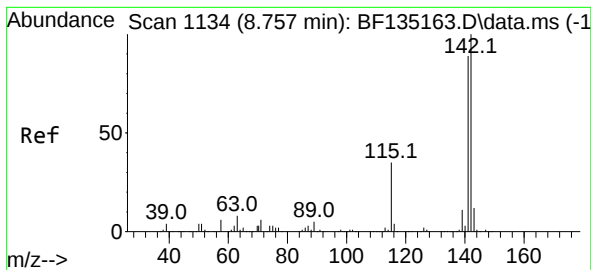
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#36
4-Chloro-3-methylphenol
Concen: 48.384 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:107 Resp: 353023
Ion Ratio Lower Upper
107 100
144 25.2 19.0 28.4
142 76.3 60.2 90.2





#37
2-Methylnaphthalene
Concen: 44.010 ng
RT: 8.763 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

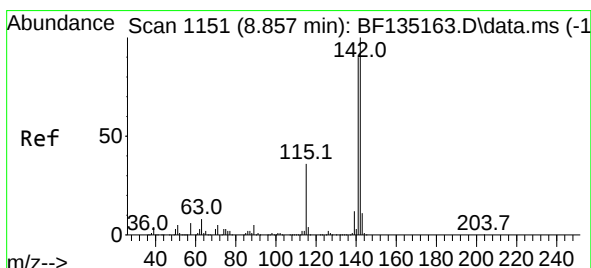
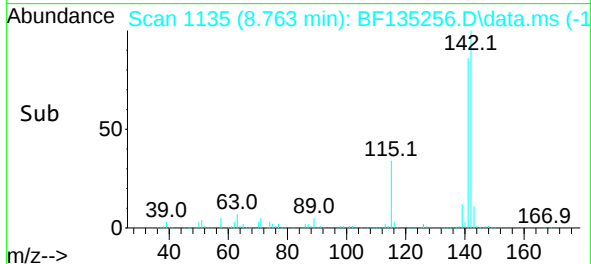
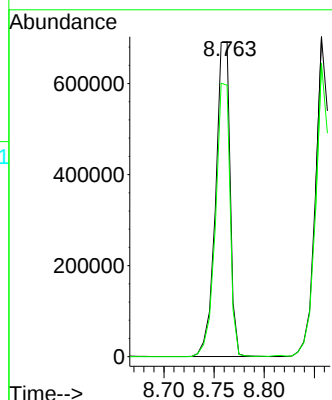
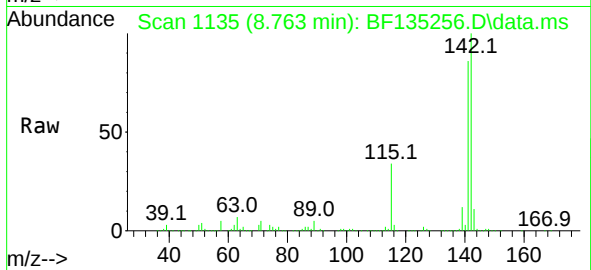
ClientSampleId :

PB154922BS

Tgt Ion:142 Resp: 69384
Ion Ratio Lower Upper
142 100
141 86.4 71.0 106.6

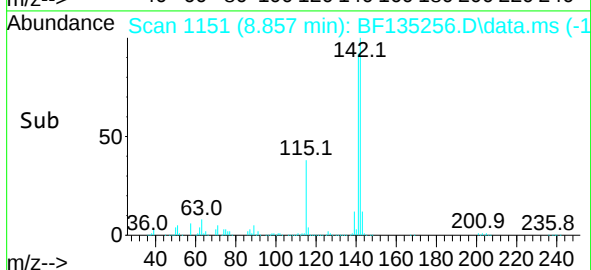
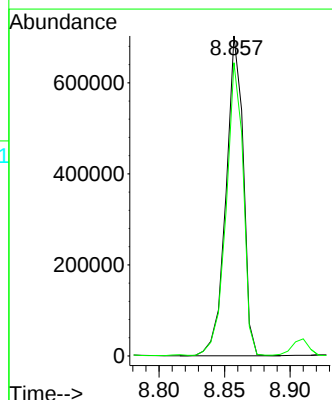
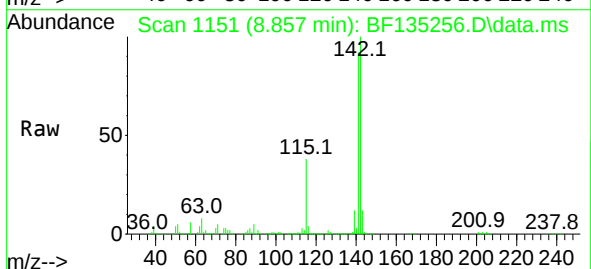
Manual Integrations
APPROVED

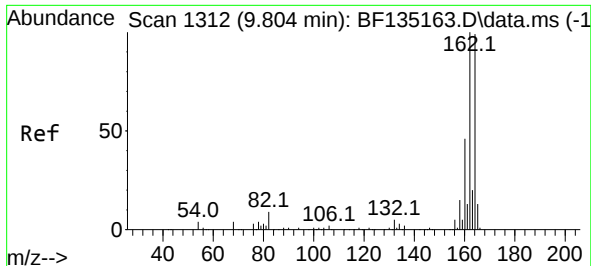
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#38
1-Methylnaphthalene
Concen: 43.503 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:142 Resp: 642126
Ion Ratio Lower Upper
142 100
141 91.6 72.4 108.6





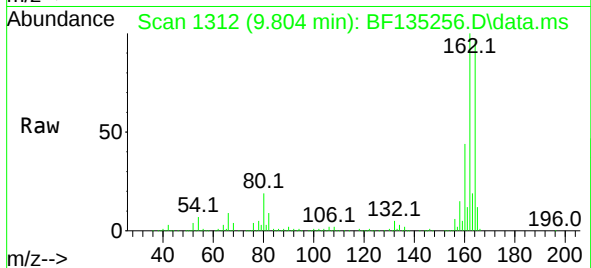
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

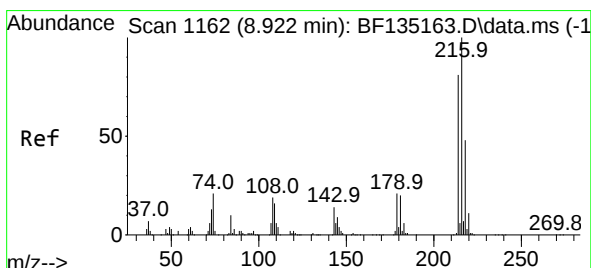
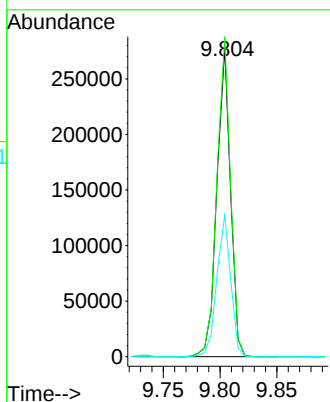
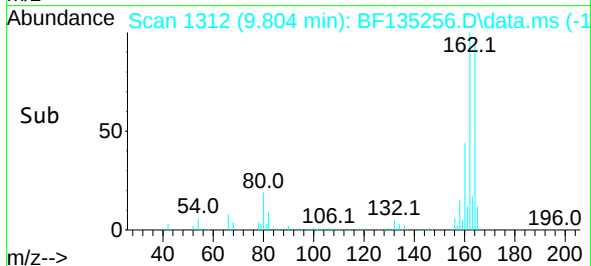
PB154922BS



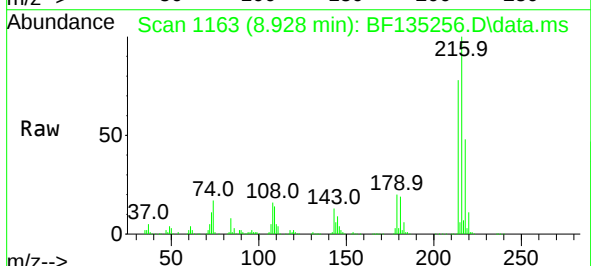
Tgt Ion:164 Resp: 232739
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.4
160 45.9 37.0 55.4

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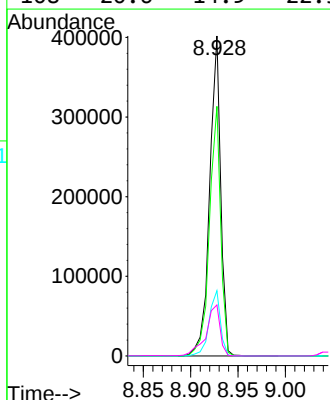
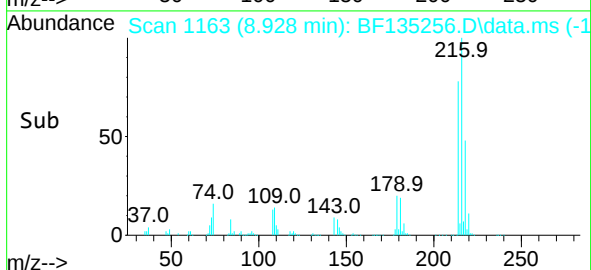
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.069 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:216 Resp: 324115
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.0 16.7 25.1
108 20.6 14.9 22.3





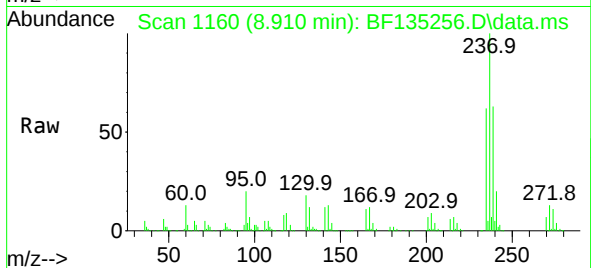
#41
Hexachlorocyclopentadiene
Concen: 92.551 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

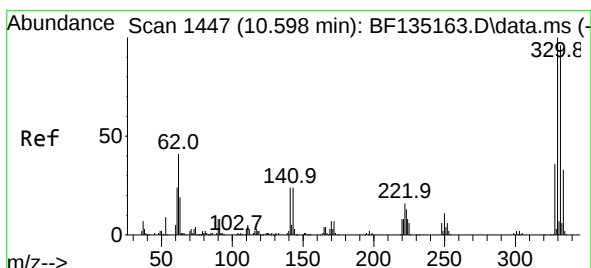
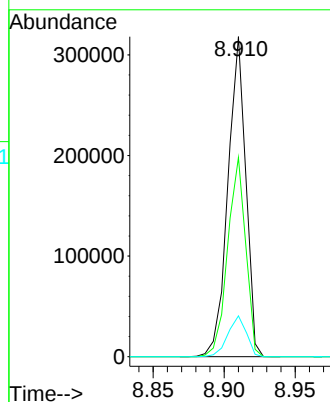
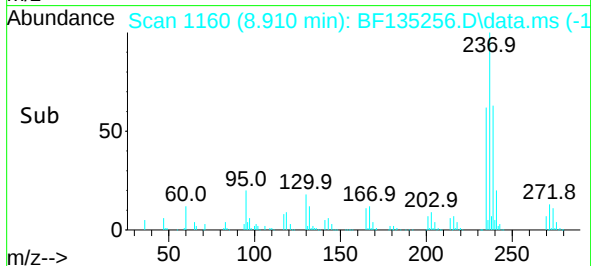


Tgt Ion:237 Resp: 278762
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 12.8 0.0 33.6

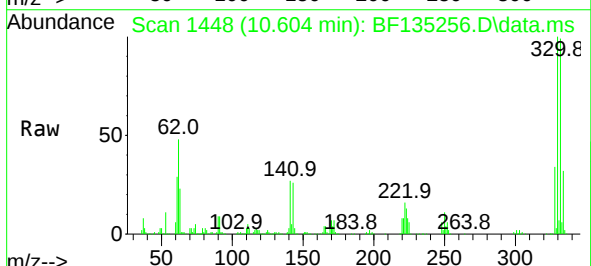
Manual Integrations

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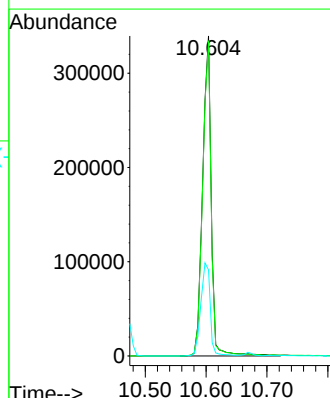
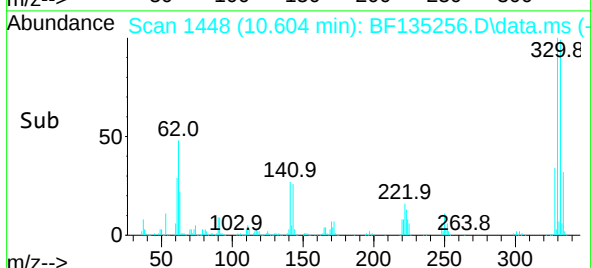
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

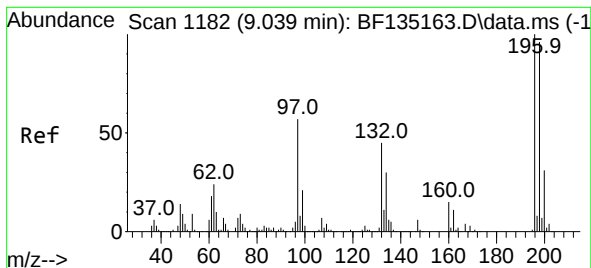


#42
2,4,6-Tribromophenol
Concen: 143.783 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



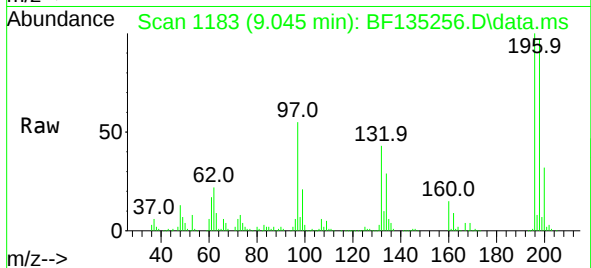
Tgt Ion:330 Resp: 332550
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 31.9 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 50.255 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

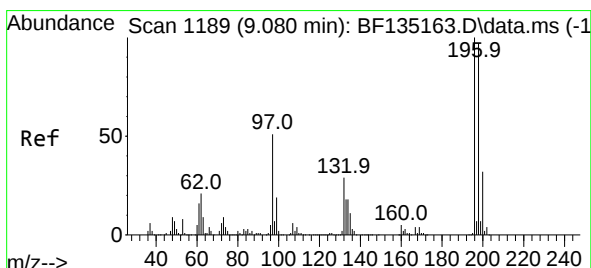
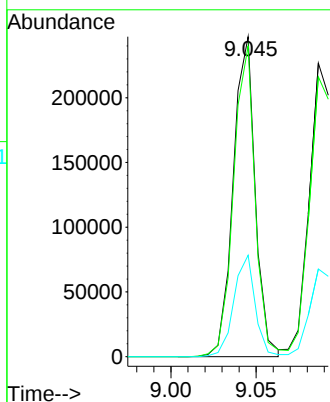
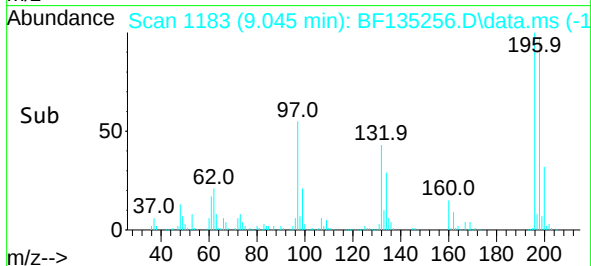
Instrument :
BNA_F
ClientSampleId :
PB154922BS



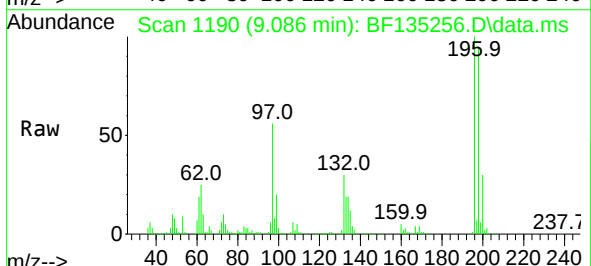
Tgt Ion:196 Resp: 221859
Ion Ratio Lower Upper
196 100
198 97.1 77.0 115.6
200 31.7 24.5 36.7

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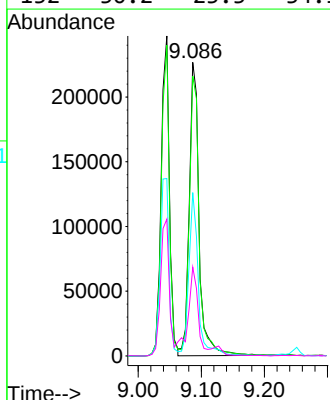
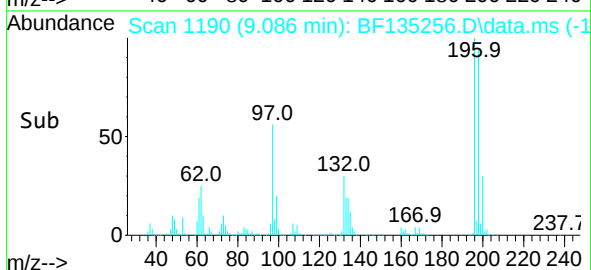
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

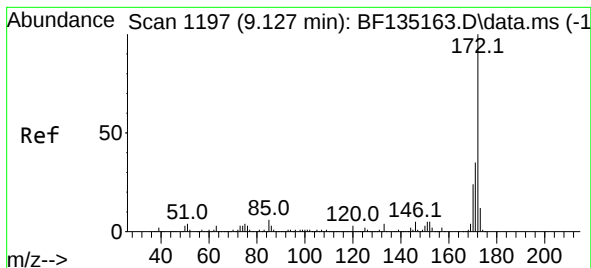


#44
2,4,5-Trichlorophenol
Concen: 48.542 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:196 Resp: 246786
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
97 55.6 40.5 60.7
132 30.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 90.519 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

Tgt Ion:172 Resp: 1396369

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

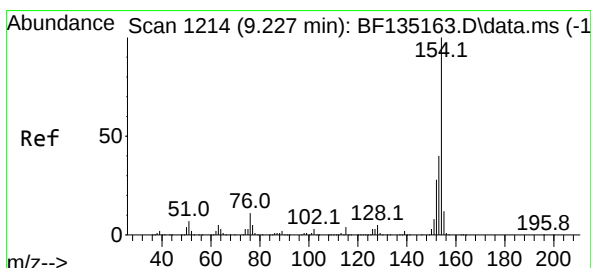
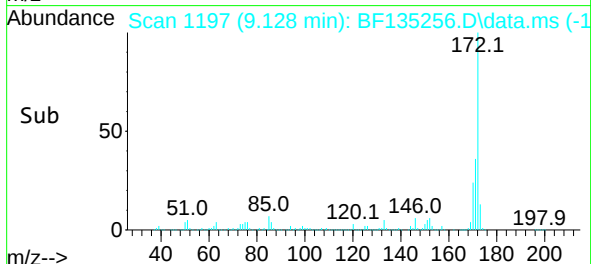
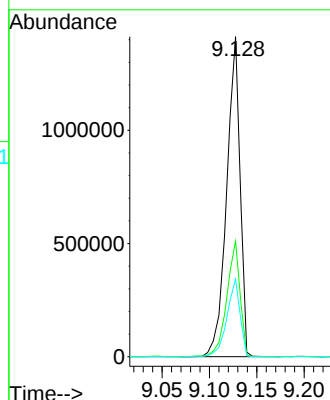
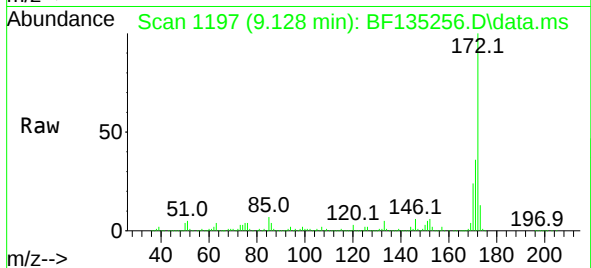
170 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#46

1,1'-Biphenyl

Concen: 48.585 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

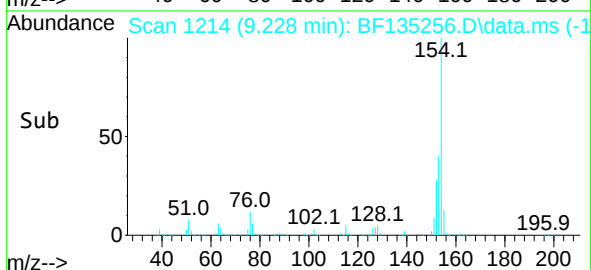
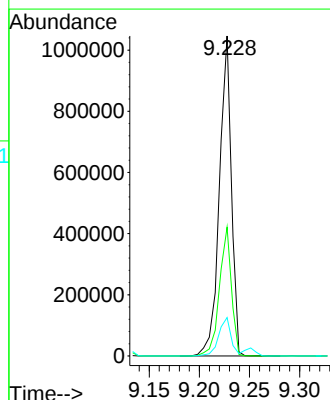
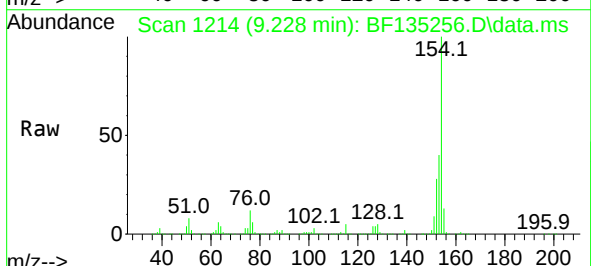
Tgt Ion:154 Resp: 868967

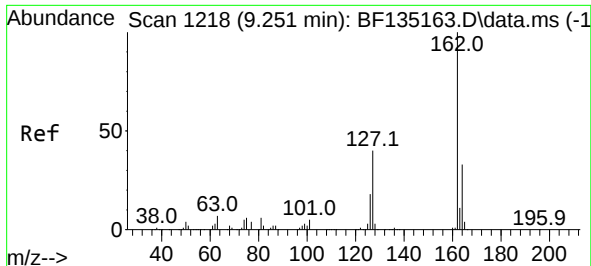
Ion Ratio Lower Upper

154 100

153 40.3 19.6 59.6

76 12.0 0.0 31.0





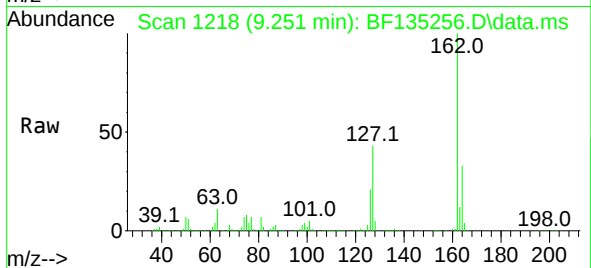
#47
2-Chloronaphthalene
Concen: 49.697 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS



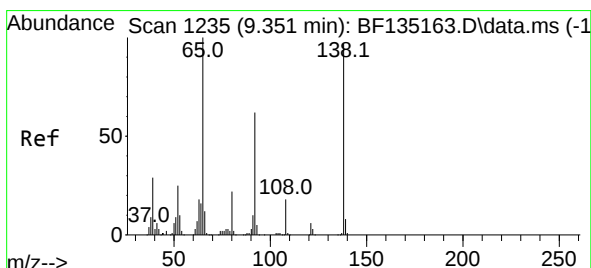
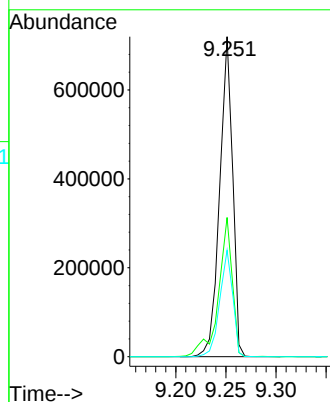
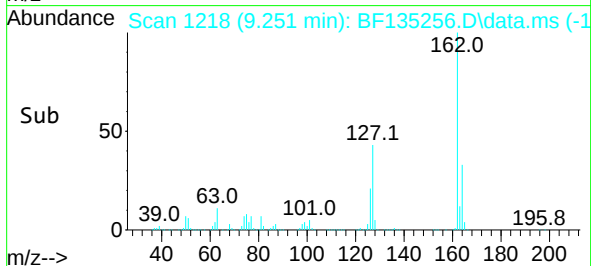
Tgt Ion:162 Resp: 644920
Ion Ratio Lower Upper
162 100
127 43.5 32.6 48.8
164 33.3 26.2 39.2

Manual Integrations

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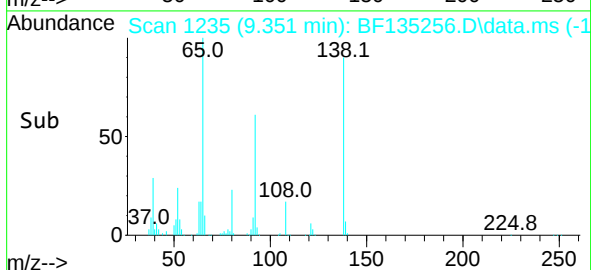
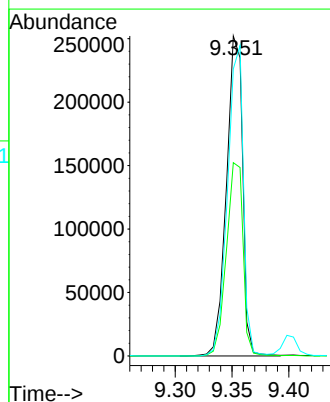
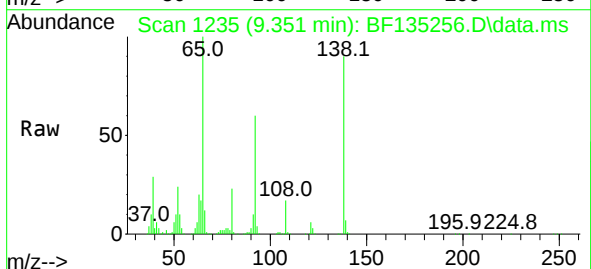
Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#48
2-Nitroaniline
Concen: 49.847 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

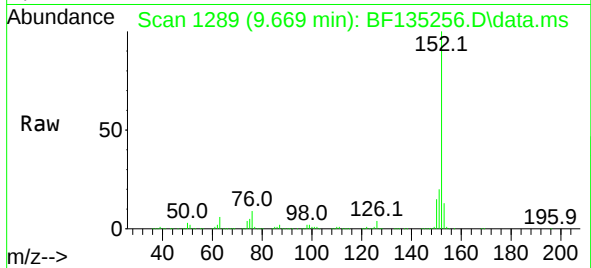
Tgt Ion: 65 Resp: 251306
Ion Ratio Lower Upper
65 100
92 60.4 49.4 74.0
138 89.7 77.4 116.0





#49
Acenaphthylene
Concen: 45.545 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

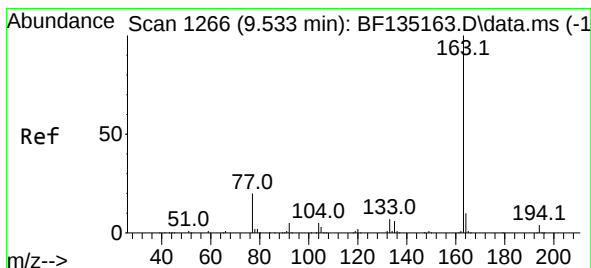
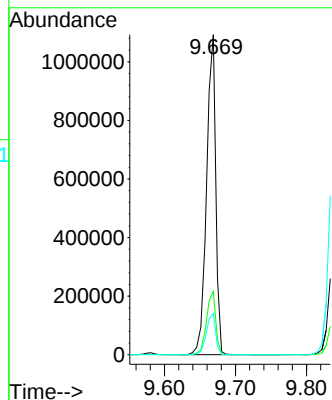
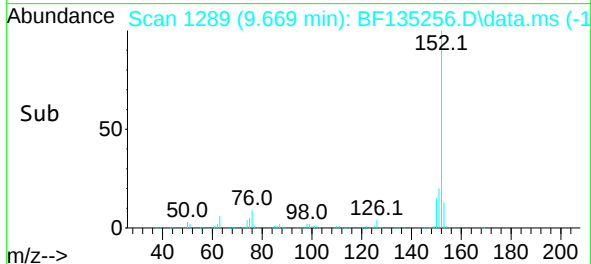
Instrument :
BNA_F
ClientSampleId :
PB154922BS



Tgt Ion:152 Resp: 982275
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.9 10.4 15.6

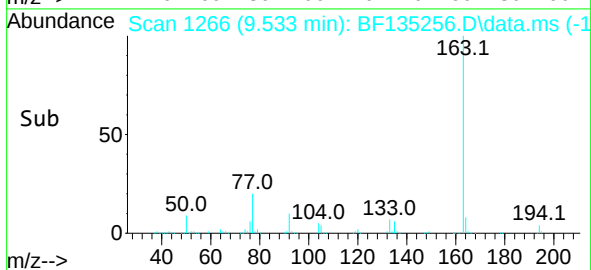
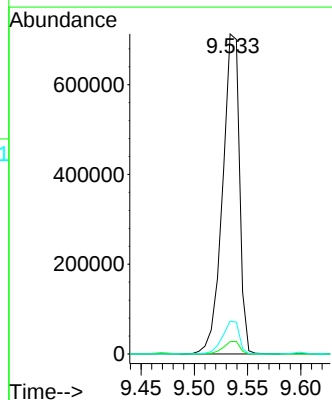
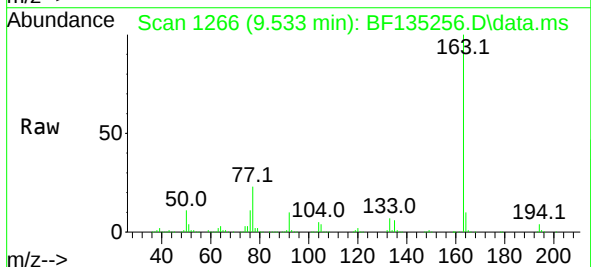
Manual Integrations
APPROVED

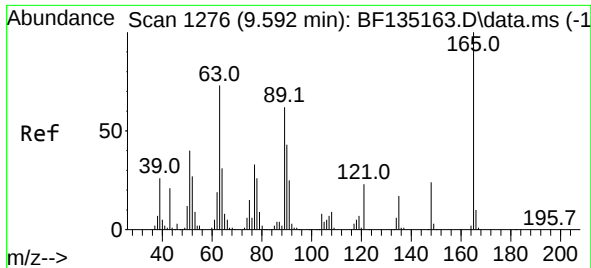
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#50
Dimethylphthalate
Concen: 49.851 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:163 Resp: 784434
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.1 12.1





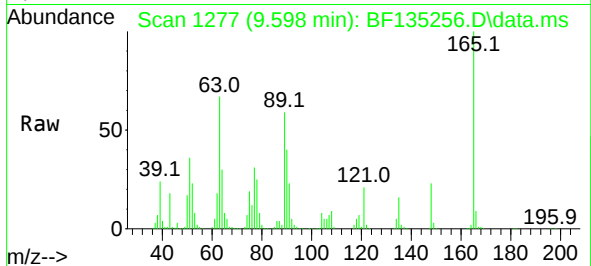
#51
2,6-Dinitrotoluene
Concen: 48.650 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

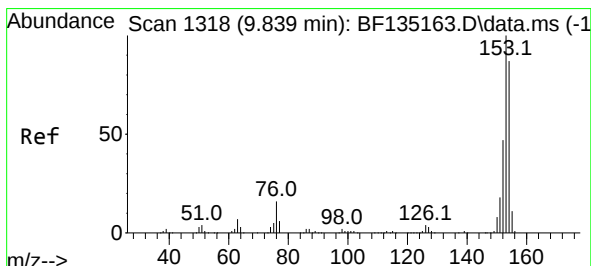
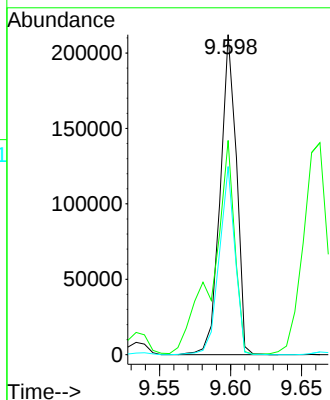
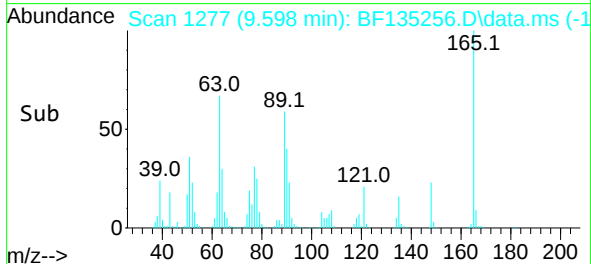


Tgt Ion:165 Resp: 167700
Ion Ratio Lower Upper
165 100
63 67.0 59.4 89.2
89 58.8 49.8 74.8

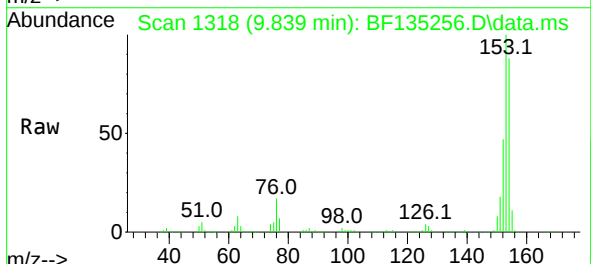
Manual Integrations

APPROVED

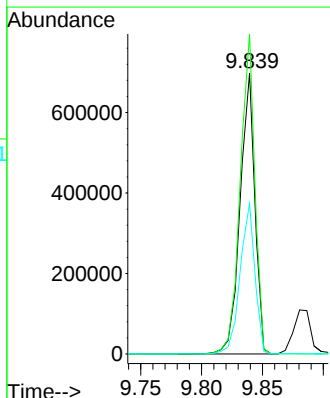
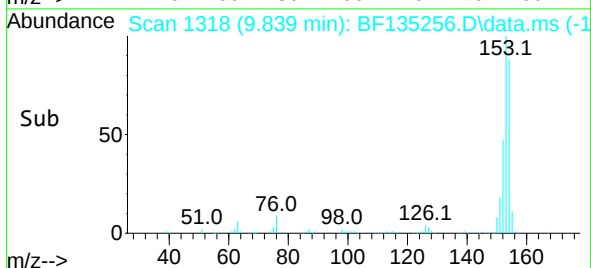
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

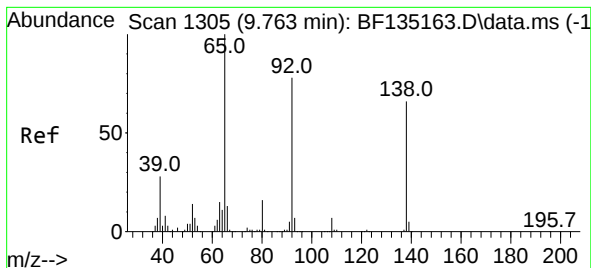


#52
Acenaphthene
Concen: 46.418 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:154 Resp: 591387
Ion Ratio Lower Upper
154 100
153 113.9 92.1 138.1
152 53.7 43.1 64.7





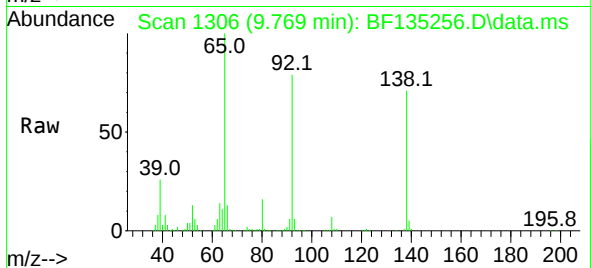
#53
3-Nitroaniline
Concen: 32.756 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

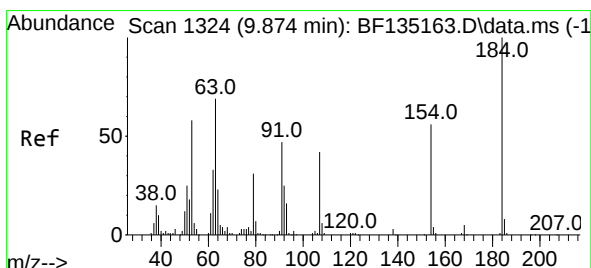
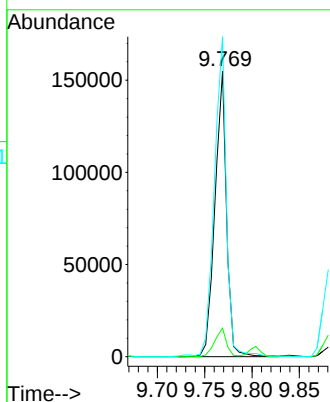
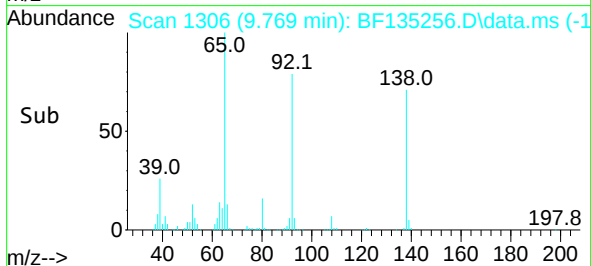


Tgt Ion:138 Resp: 132544
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 112.2 95.4 143.0

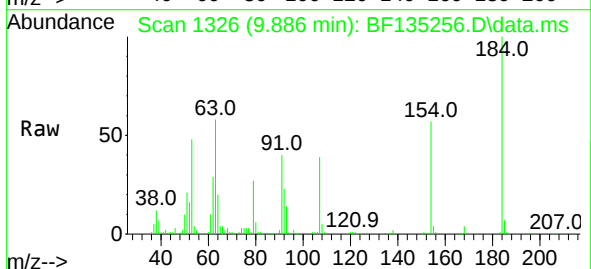
Manual Integrations

APPROVED

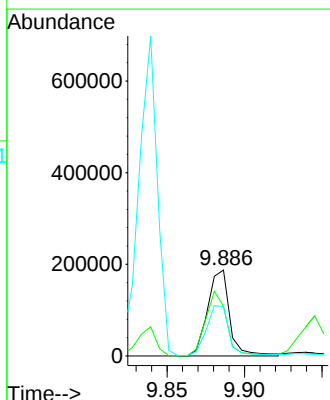
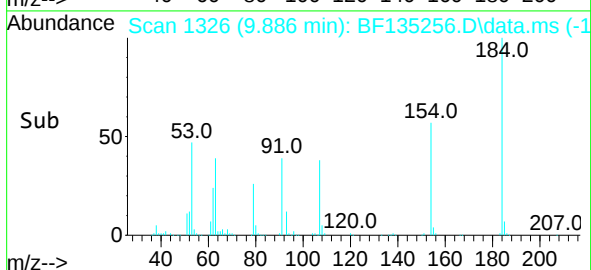
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

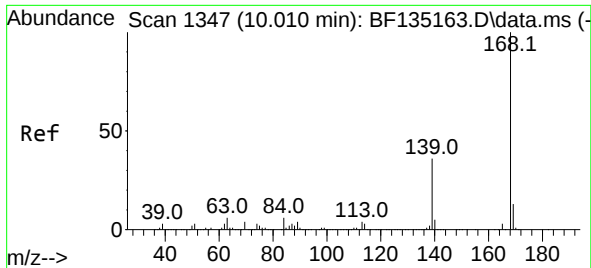


#54
2,4-Dinitrophenol
Concen: 93.801 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



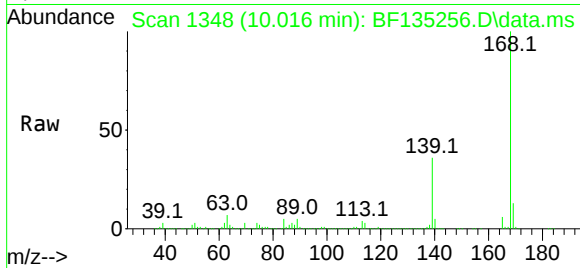
Tgt Ion:184 Resp: 185848
Ion Ratio Lower Upper
184 100
63 57.9 55.1 82.7
154 57.5 48.4 72.6





#55
Dibenzenofuran
Concen: 46.049 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

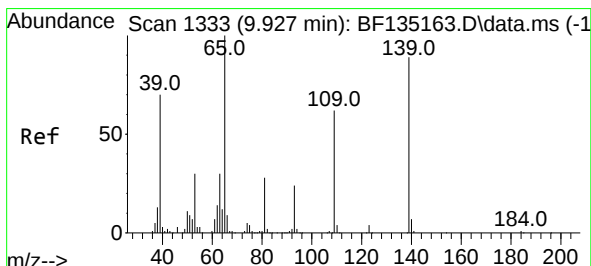
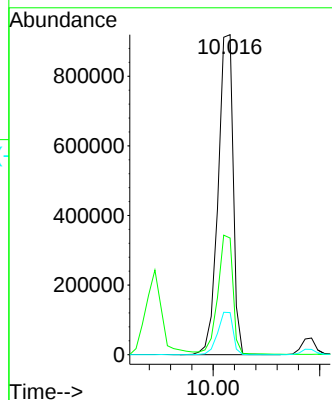
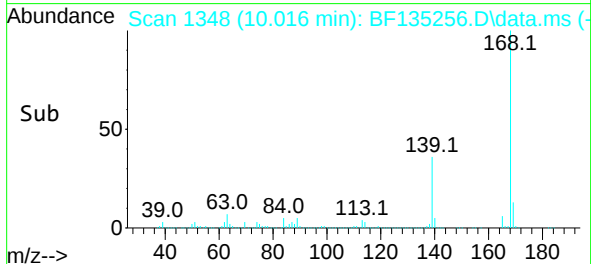
Instrument :
BNA_F
ClientSampleId :
PB154922BS



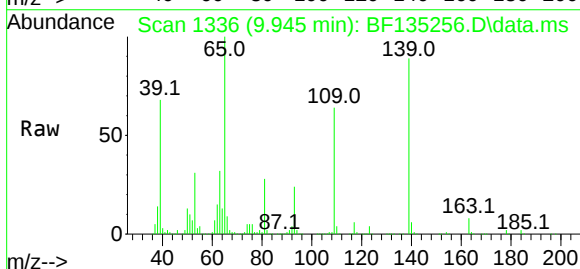
Tgt Ion:168 Resp: 895279
Ion Ratio Lower Upper
168 100
139 36.4 29.0 43.6
169 13.2 10.4 15.6

Manual Integrations
APPROVED

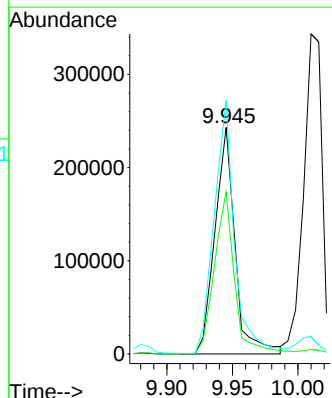
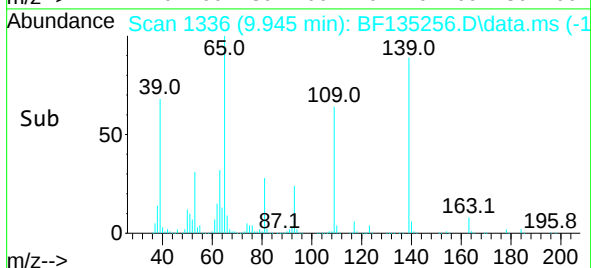
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

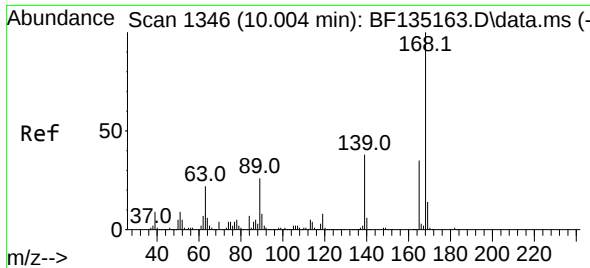


#56
4-Nitrophenol
Concen: 100.765 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:139 Resp: 259134
Ion Ratio Lower Upper
139 100
109 71.6 49.8 89.8
65 112.0 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 47.968 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

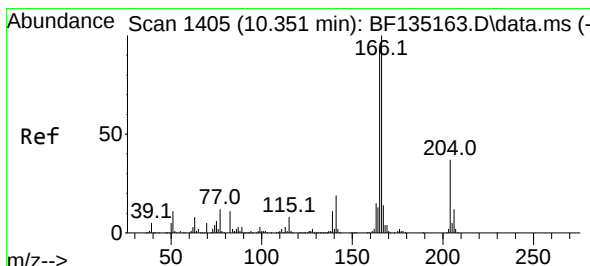
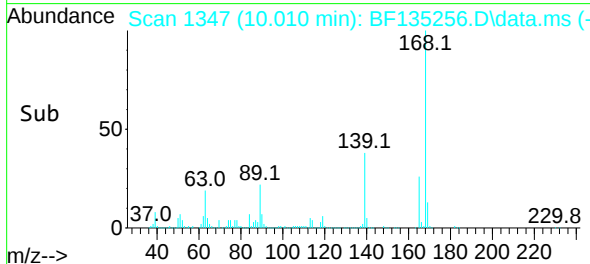
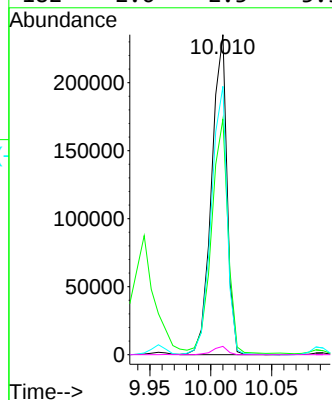
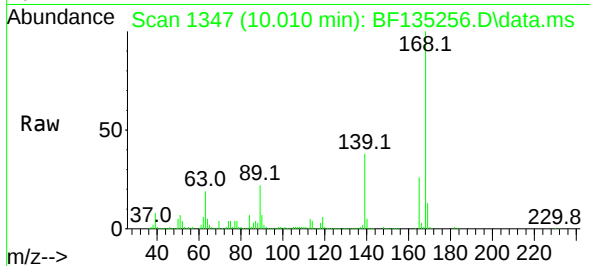
PB154922BS

Tgt Ion:165 Resp: 207004
Ion Ratio Lower Upper
165 100
63 73.6 50.1 75.1
89 83.8 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations

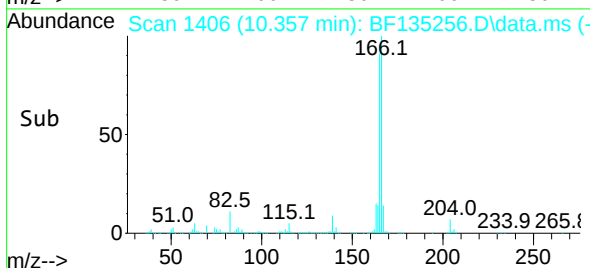
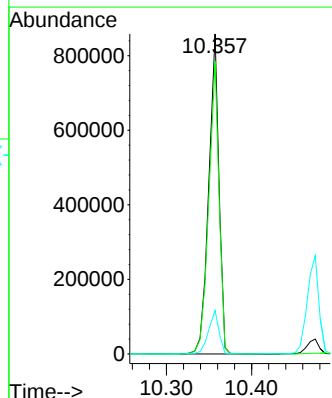
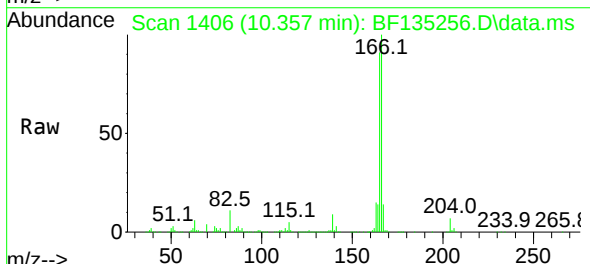
APPROVED

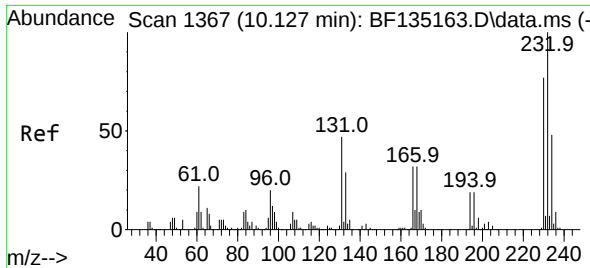
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#58
Fluorene
Concen: 47.895 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

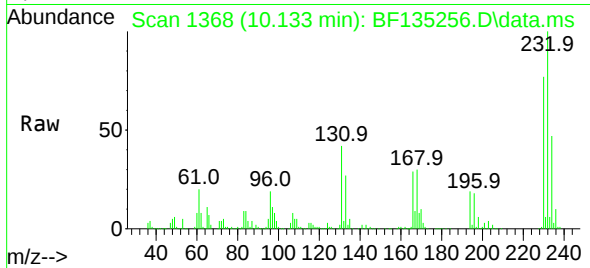
Tgt Ion:166 Resp: 715856
Ion Ratio Lower Upper
166 100
165 91.4 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.362 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

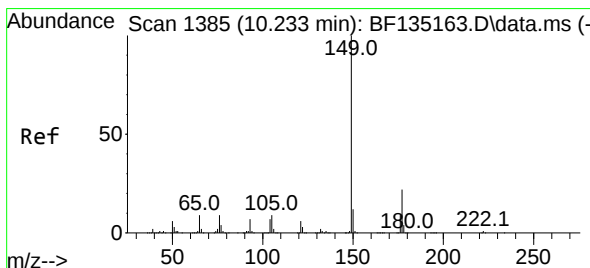
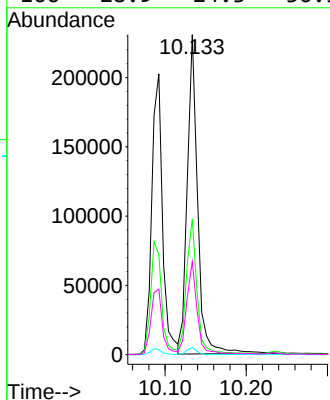
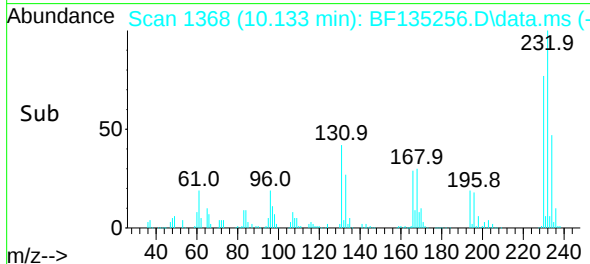
Instrument :
BNA_F
ClientSampleId :
PB154922BS



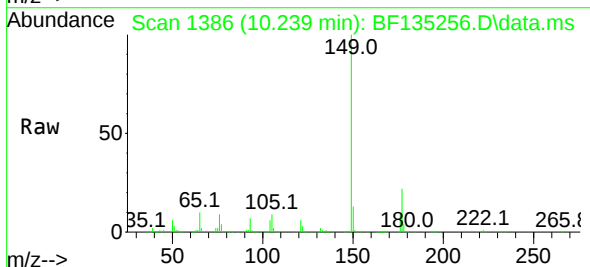
Tgt Ion:232 Resp: 204780
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.2 1.8 2.8
166 28.9 24.3 36.5

Manual Integrations
APPROVED

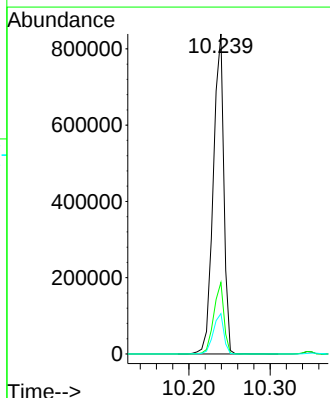
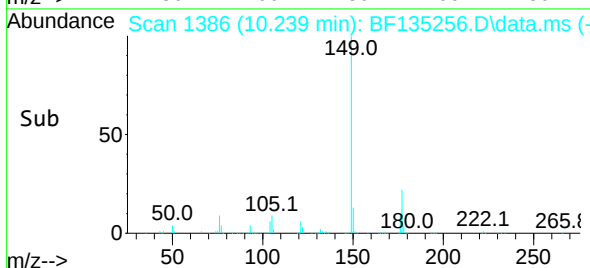
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

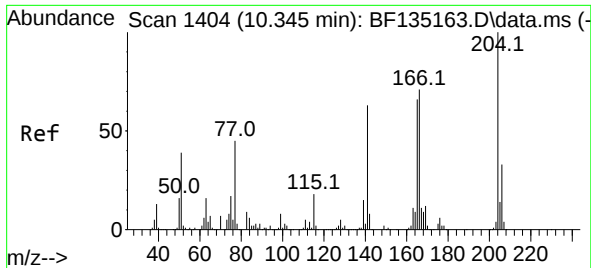


#60
Diethylphthalate
Concen: 47.863 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



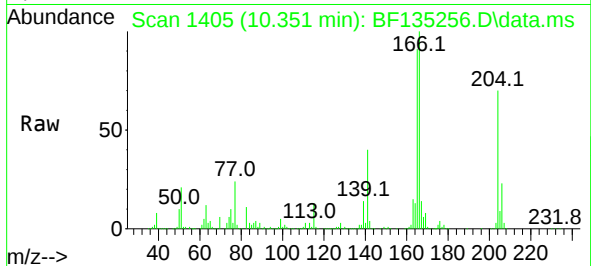
Tgt Ion:149 Resp: 755853
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.294 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

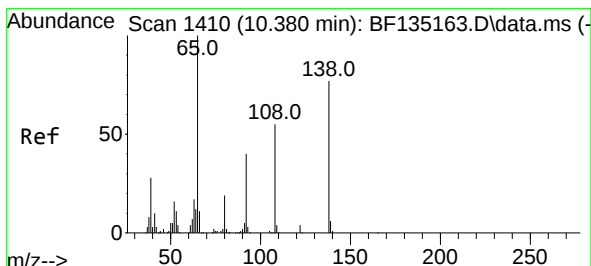
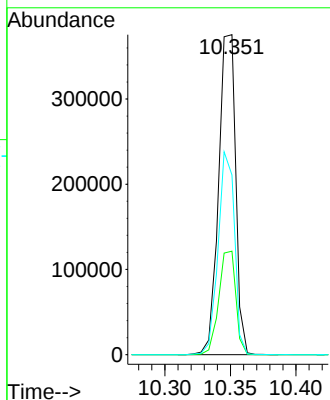
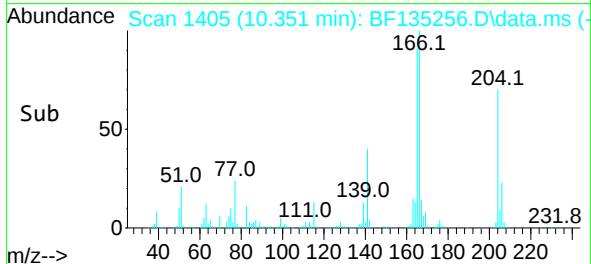
Instrument :
BNA_F
ClientSampleId :
PB154922BS



Tgt Ion:204 Resp: 339550
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 56.1 50.6 75.8

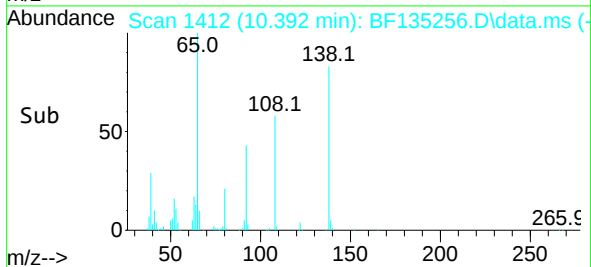
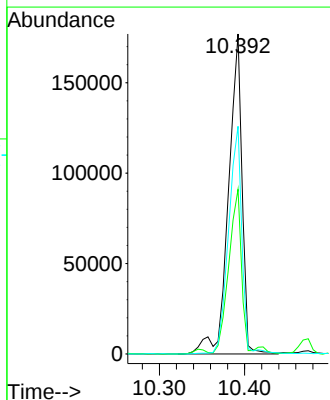
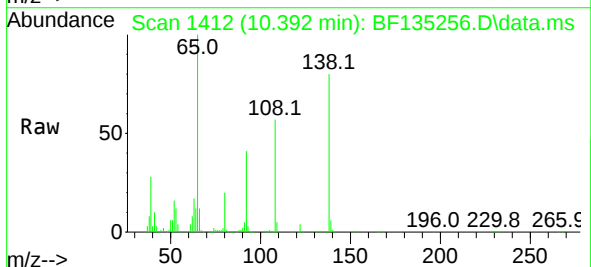
Manual Integrations
APPROVED

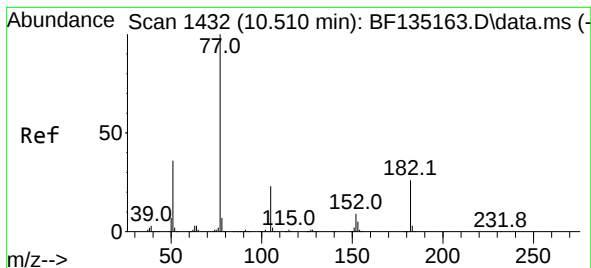
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#62
4-Nitroaniline
Concen: 50.364 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

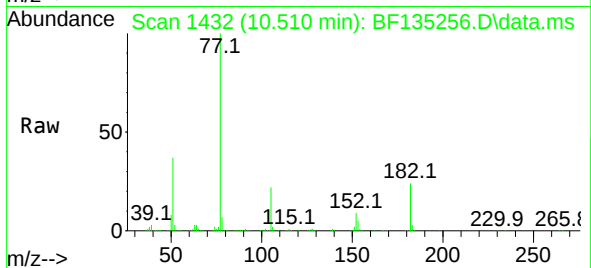
Tgt Ion:138 Resp: 195894
Ion Ratio Lower Upper
138 100
92 51.4 31.8 71.8
108 71.2 52.0 92.0





#63
Azobenzene
Concen: 49.633 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

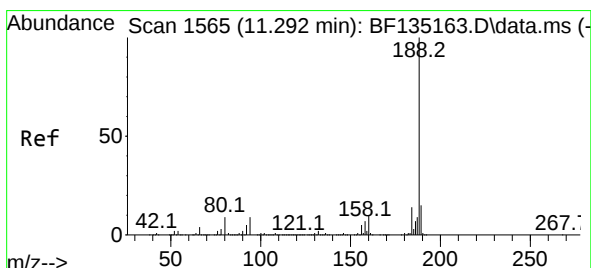
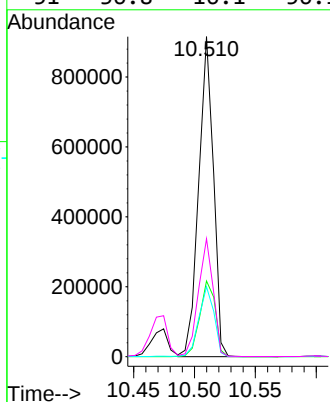
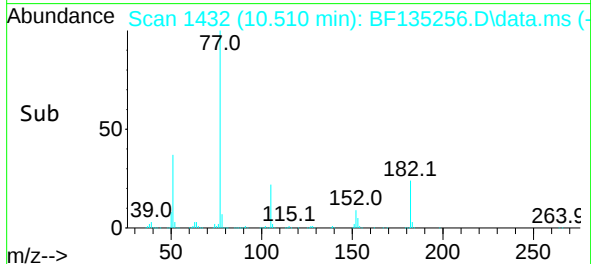
Instrument :
BNA_F
ClientSampleId :
PB154922BS



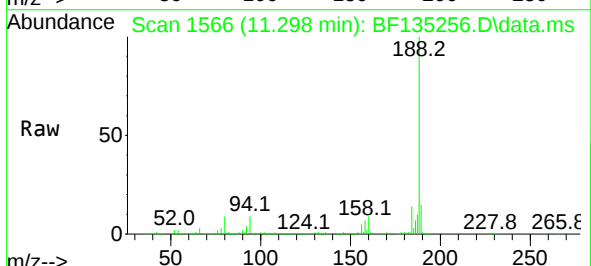
Tgt Ion: 77 Resp: 767098
Ion Ratio Lower Upper
77 100
182 23.6 6.4 46.4
105 21.9 3.1 43.1
51 36.8 16.1 56.1

Manual Integrations
APPROVED

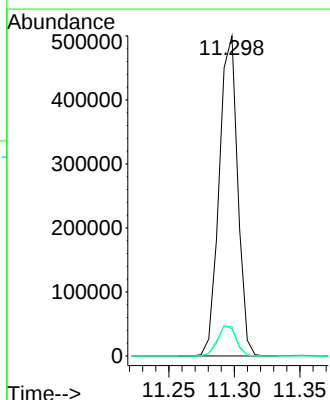
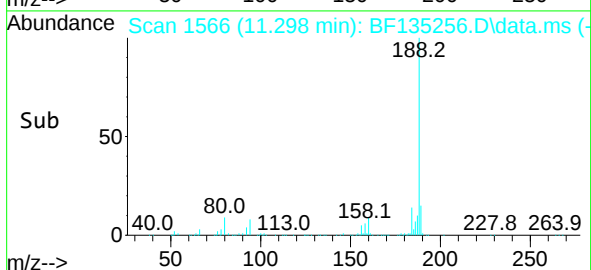
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

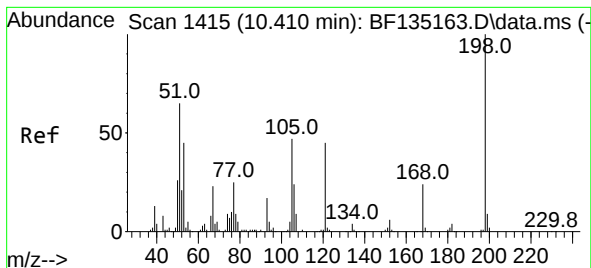


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



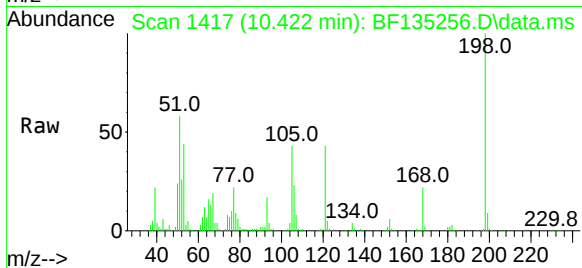
Tgt Ion:188 Resp: 489559
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.1 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.317 ng
RT: 10.422 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

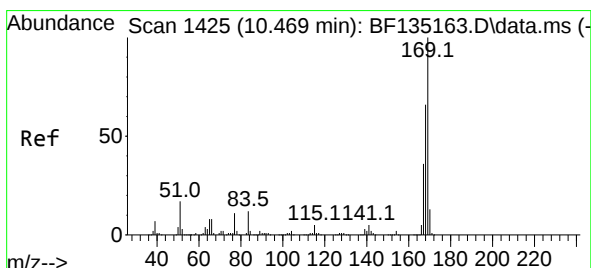
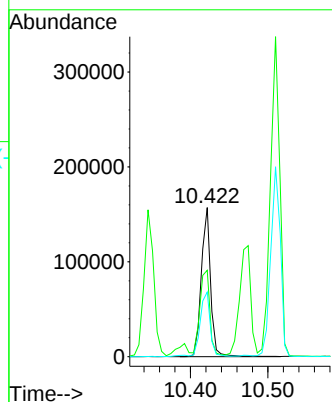
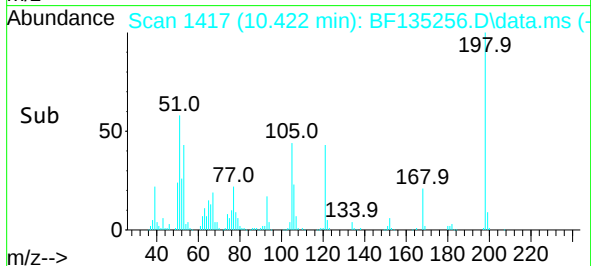
Instrument :
BNA_F
ClientSampleId :
PB154922BS



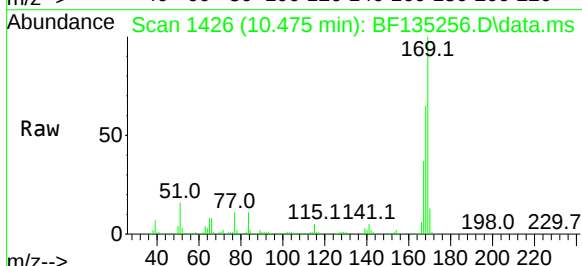
Tgt Ion:198 Resp: 130835
Ion Ratio Lower Upper
198 100
51 58.0 47.7 87.7
105 43.4 27.4 67.4

Manual Integrations
APPROVED

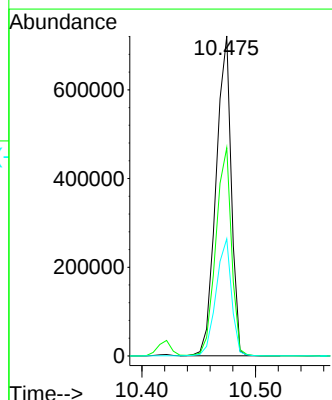
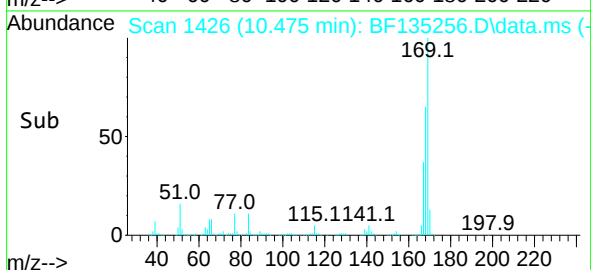
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

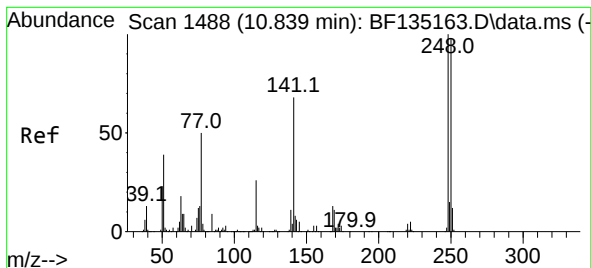


#66
n-Nitrosodiphenylamine
Concen: 45.447 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:169 Resp: 673585
Ion Ratio Lower Upper
169 100
168 65.1 52.8 79.2
167 36.6 29.0 43.6





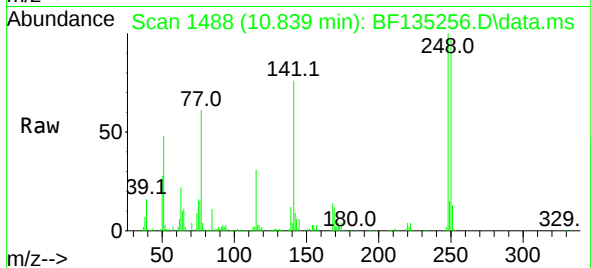
#67
4-Bromophenyl-phenylether
Concen: 45.561 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

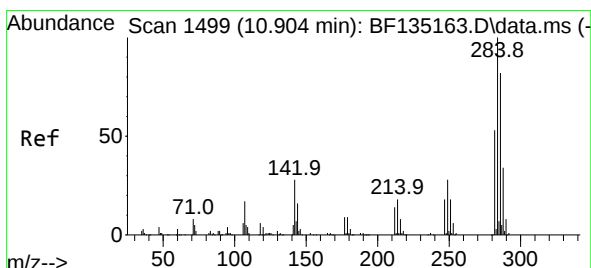
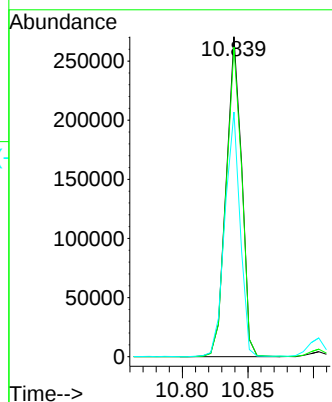
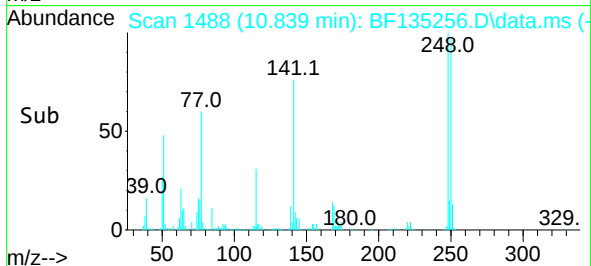


Tgt Ion:248 Resp: 221830
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 76.4 54.2 81.2

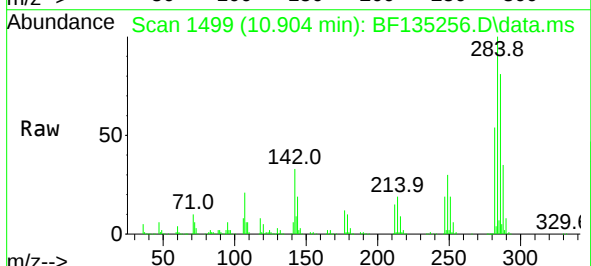
Manual Integrations

APPROVED

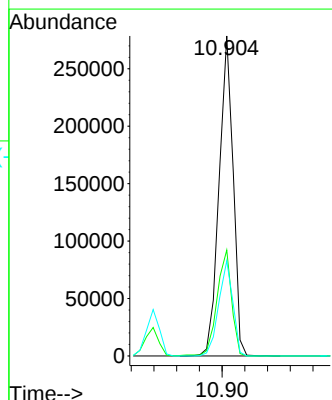
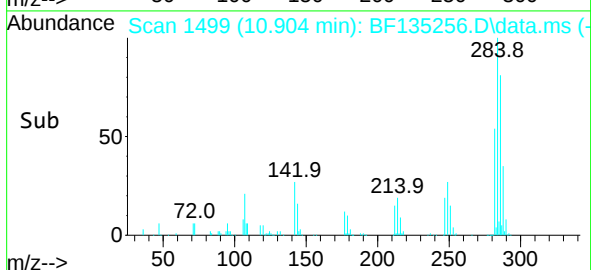
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

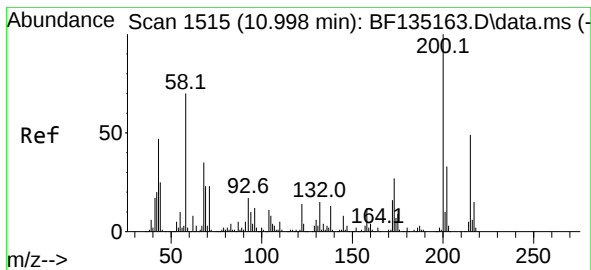


#68
Hexachlorobenzene
Concen: 48.284 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:284 Resp: 239511
Ion Ratio Lower Upper
284 100
142 33.1 22.2 33.4
249 29.7 22.5 33.7





#69

Atrazine

Concen: 56.692 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

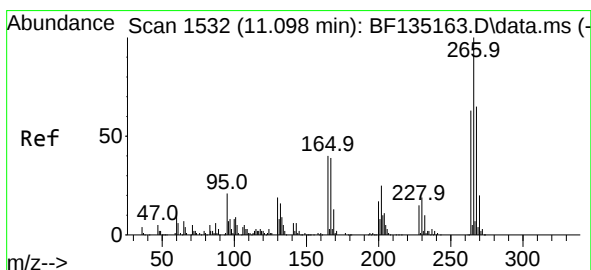
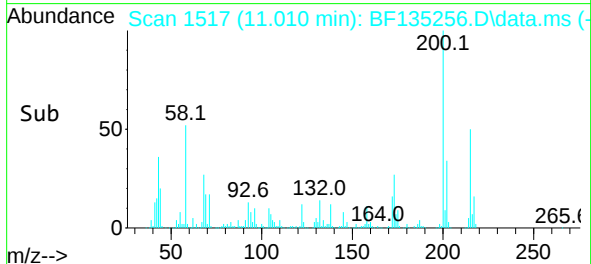
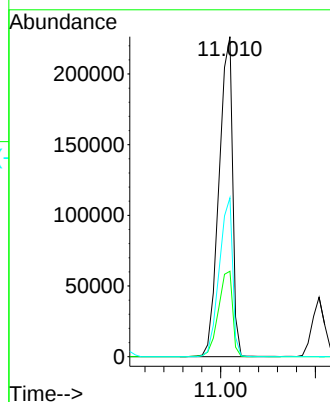
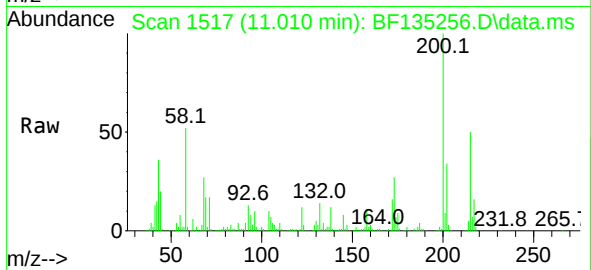
Tgt Ion:	200	Resp:	22608
Ion Ratio	Lower	Upper	
200	100		
173	26.7	7.4	47.4
215	49.7	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#70

Pentachlorophenol

Concen: 85.975 ng

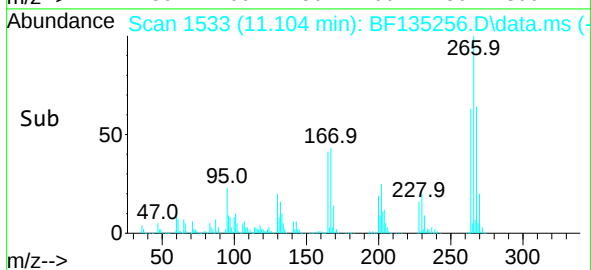
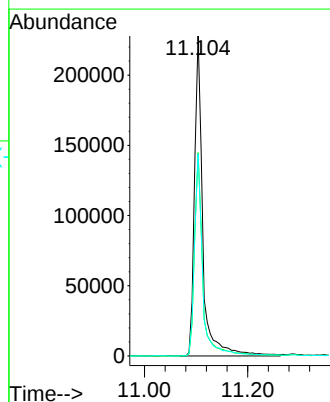
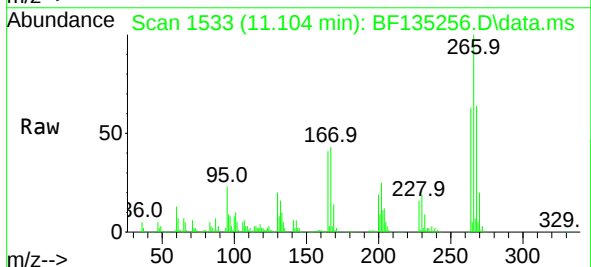
RT: 11.104 min Scan# 1533

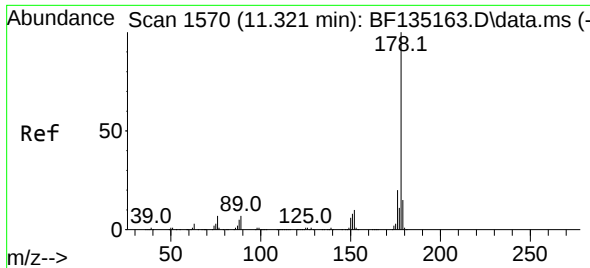
Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Tgt Ion:	266	Resp:	255159
Ion Ratio	Lower	Upper	
266	100		
268	63.5	52.1	78.1
264	63.2	50.8	76.2





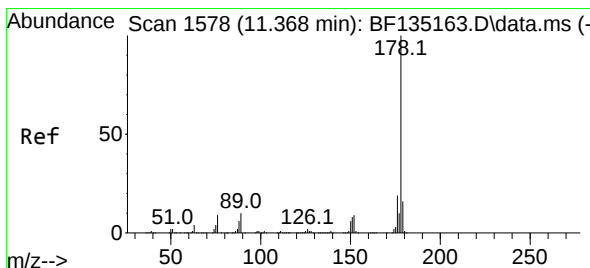
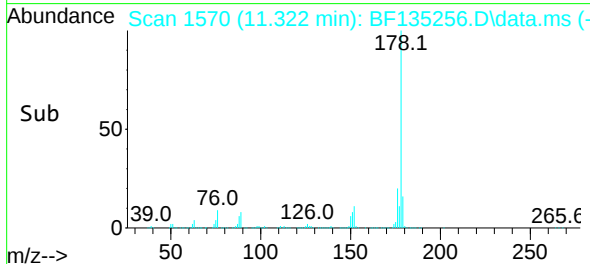
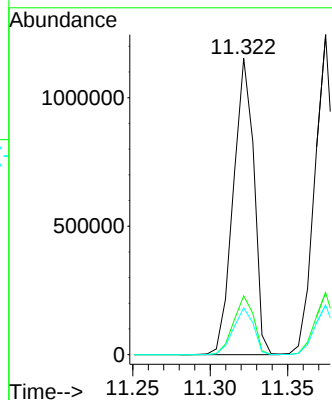
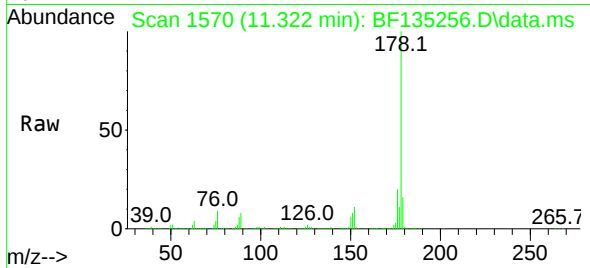
#71
Phenanthrene
Concen: 46.030 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :
BNA_F
ClientSampleId :
PB154922BS

Tgt Ion:178 Resp: 106577
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.8 12.0 18.0

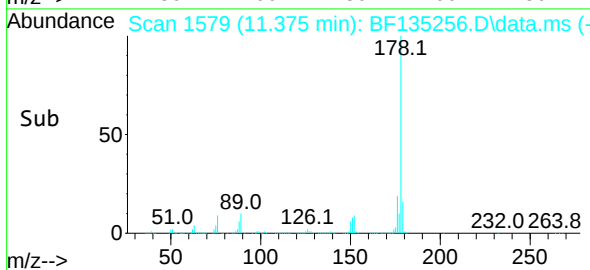
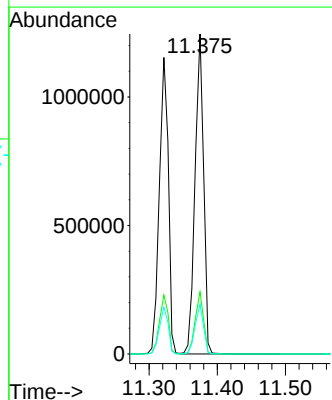
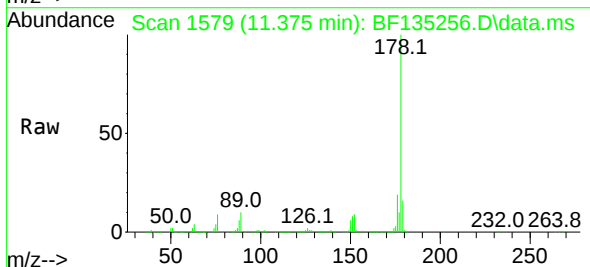
Manual Integrations
APPROVED

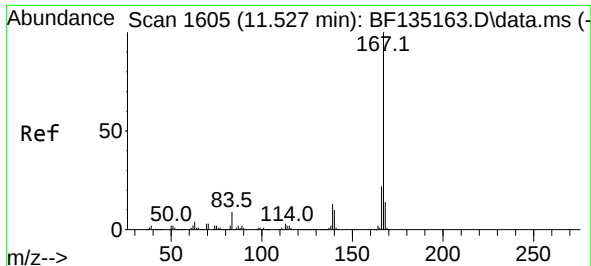
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#72
Anthracene
Concen: 45.400 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

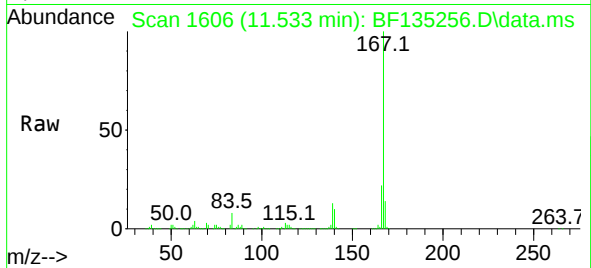
Tgt Ion:178 Resp: 1080508
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.6 19.0





#73
Carbazole
Concen: 47.536 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

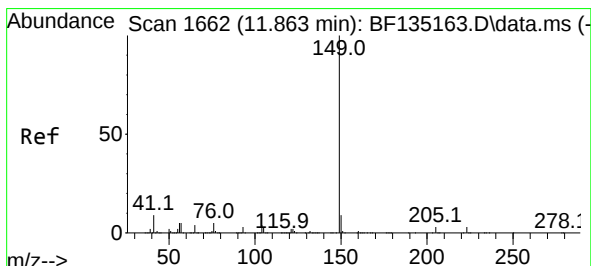
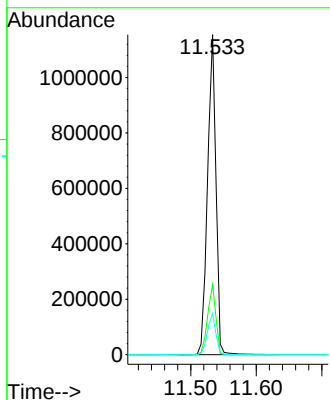
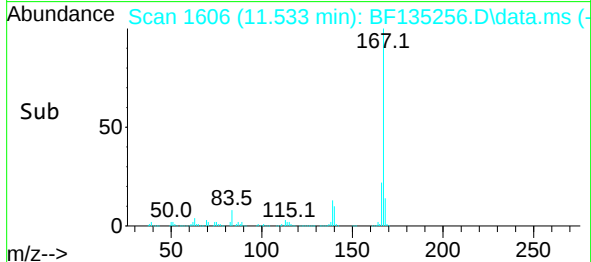
Instrument :
BNA_F
ClientSampleId :
PB154922BS



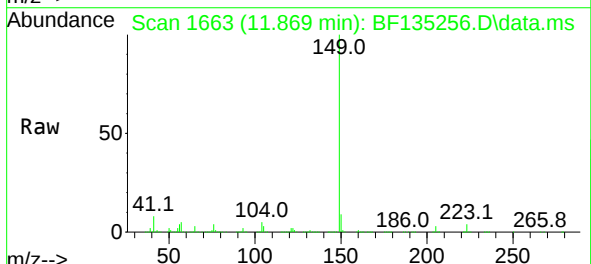
Tgt Ion:167 Resp: 102990
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 12.8 10.6 15.8

Manual Integrations
APPROVED

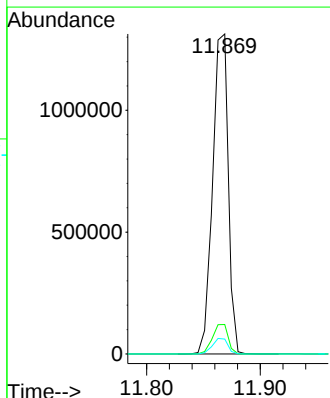
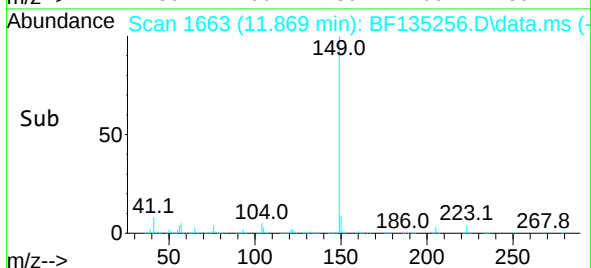
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

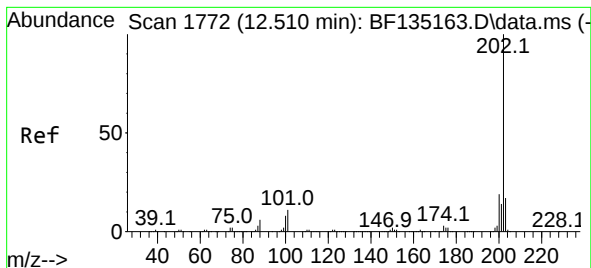


#74
Di-n-butylphthalate
Concen: 49.216 ng
RT: 11.869 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



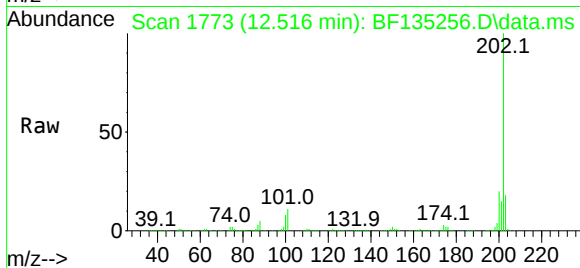
Tgt Ion:149 Resp: 1256453
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 47.424 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

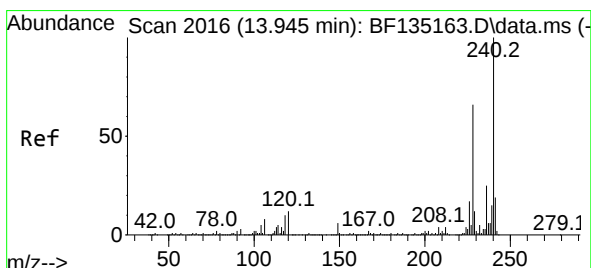
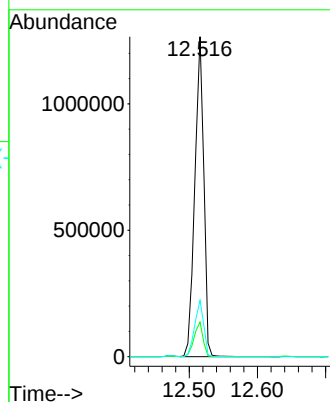
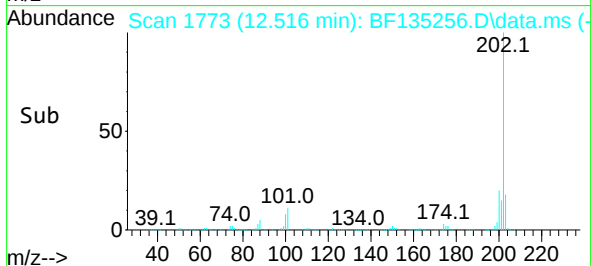
Instrument :
BNA_F
ClientSampleId :
PB154922BS



Tgt Ion:202 Resp: 114416
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.3
203 17.6 0.0 37.4

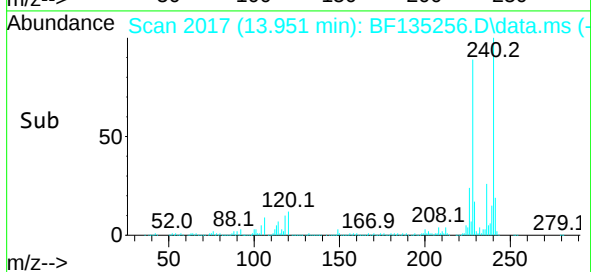
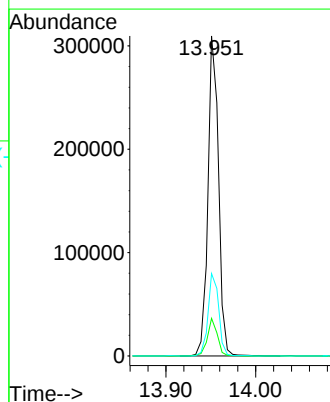
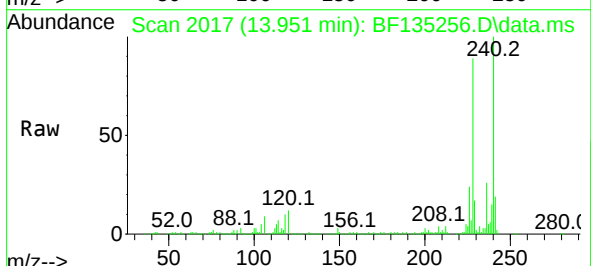
Manual Integrations
APPROVED

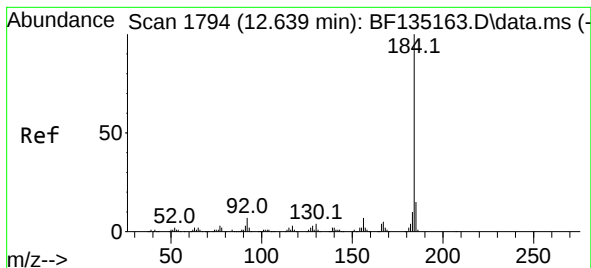
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:240 Resp: 253636
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.7 19.8 29.8





#77

Benzidine

Concen: 65.361 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

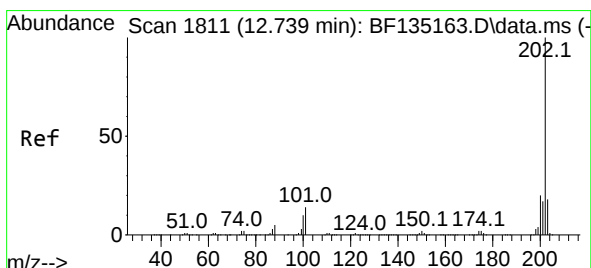
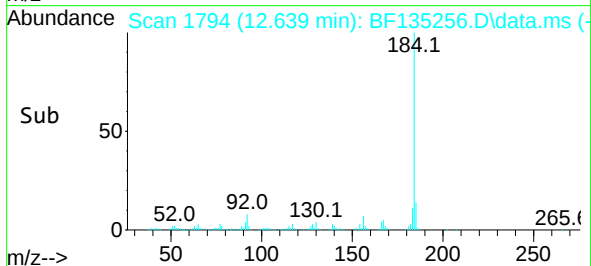
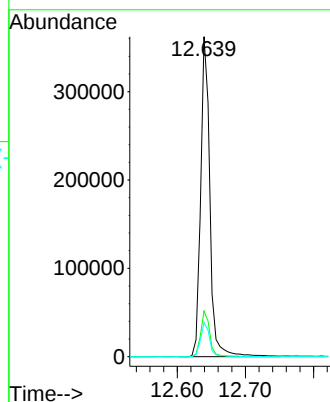
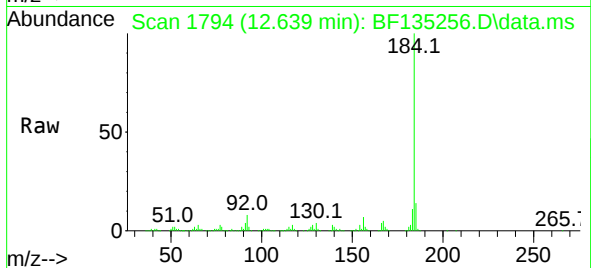
Tgt Ion:	184	Resp:	339630
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.7	17.5
183	10.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#78

Pyrene

Concen: 47.701 ng

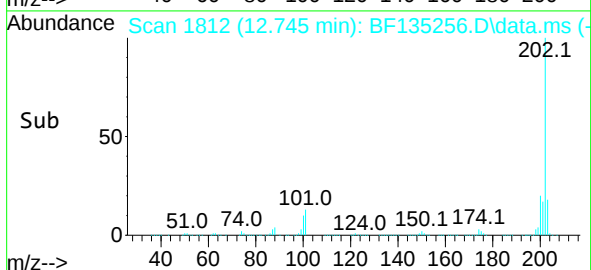
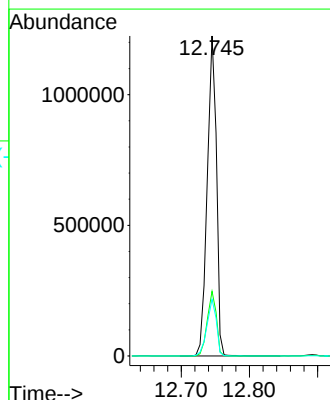
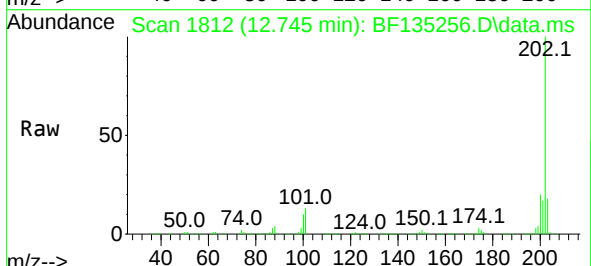
RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Tgt Ion:	202	Resp:	1151892
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.2	24.2
203	17.7	14.2	21.4





#79

Terphenyl-d14

Concen: 94.584 ng

RT: 12.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135256.D

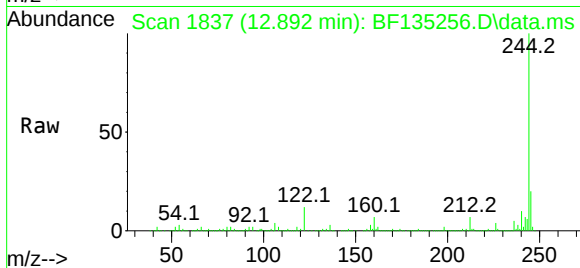
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS



Tgt Ion:244 Resp: 154754

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

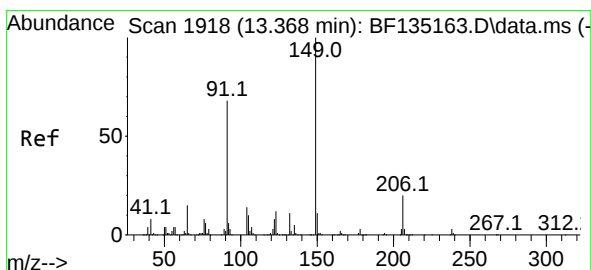
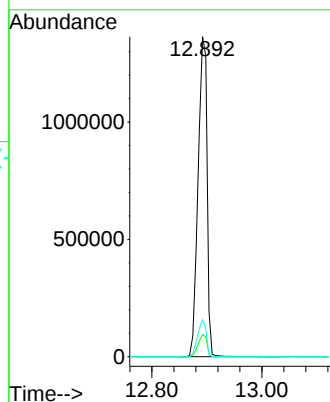
122 11.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#80

Butylbenzylphthalate

Concen: 56.759 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

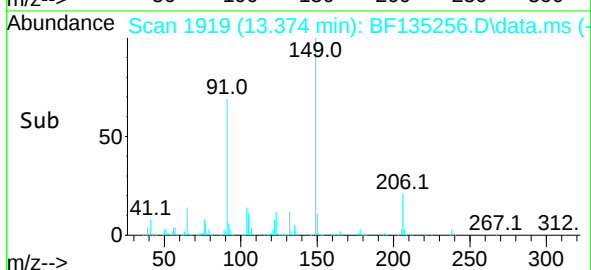
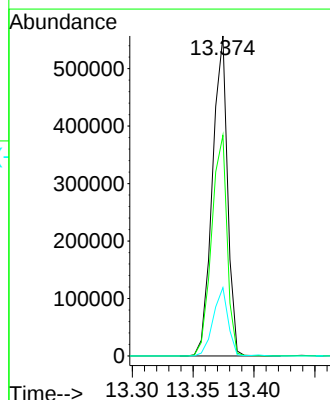
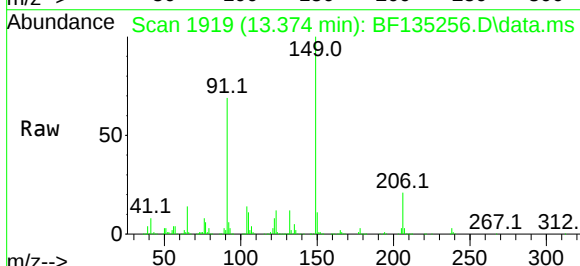
Tgt Ion:149 Resp: 482571

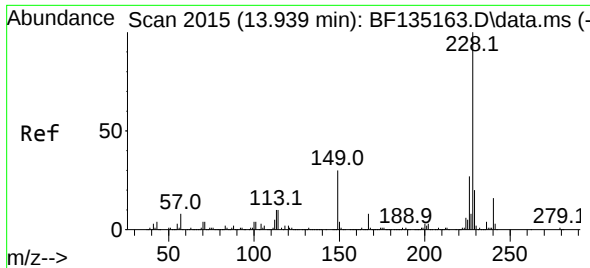
Ion Ratio Lower Upper

149 100

91 69.0 54.7 82.1

206 21.3 16.3 24.5





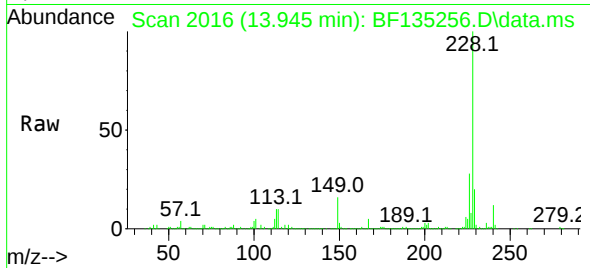
#81
Benzo(a)anthracene
Concen: 46.780 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

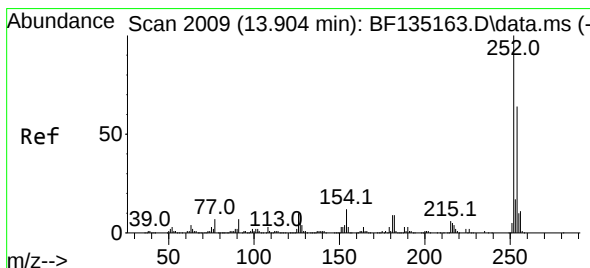
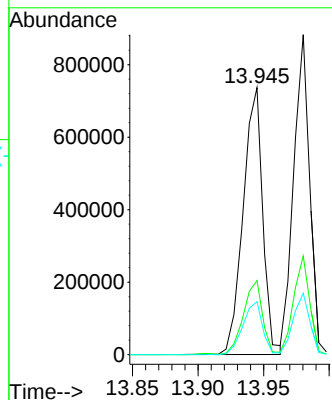
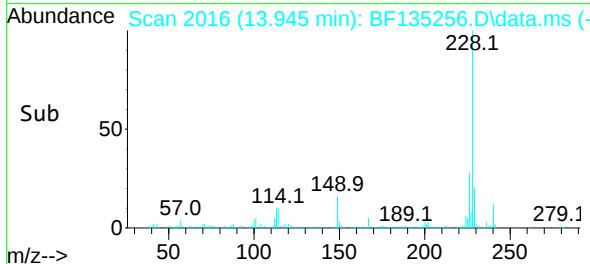


Tgt Ion:228 Resp: 76615
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.9 15.8 23.8

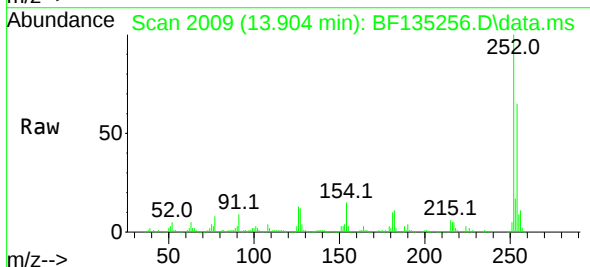
Manual Integrations

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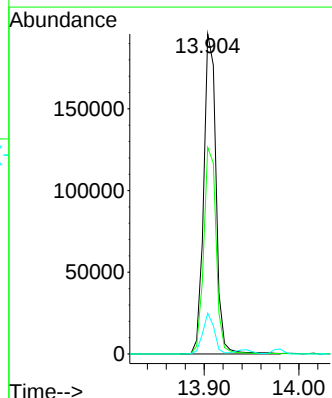
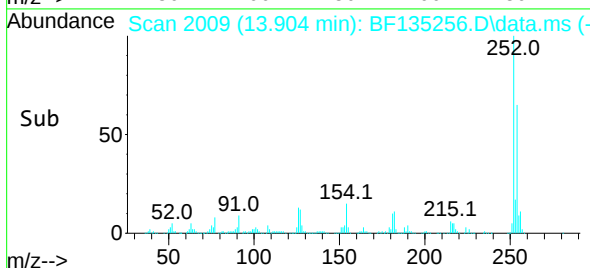
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

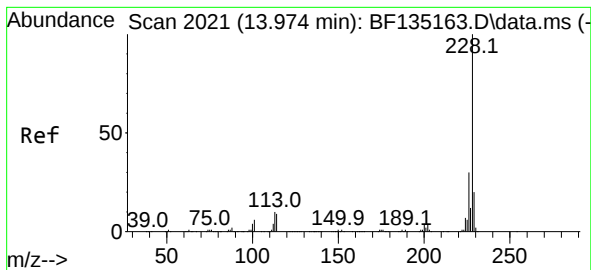


#82
3,3'-Dichlorobenzidine
Concen: 34.685 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:252 Resp: 177438
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 12.8 7.8 11.8





#83

Chrysene

Concen: 46.288 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

Tgt Ion:228 Resp: 753728

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

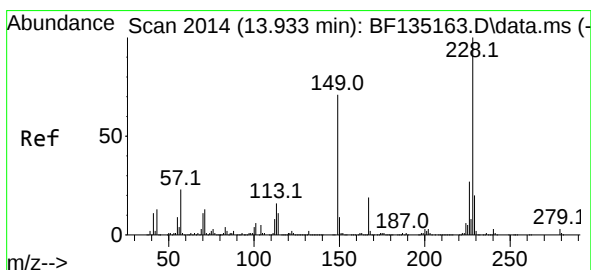
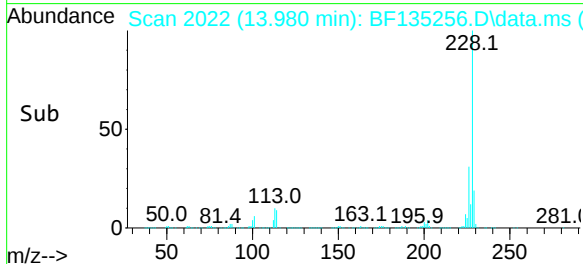
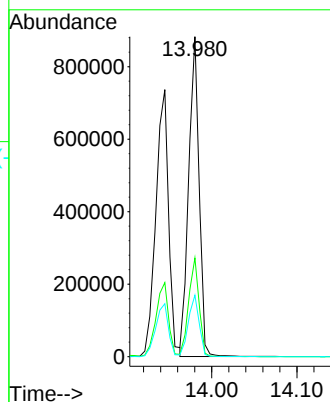
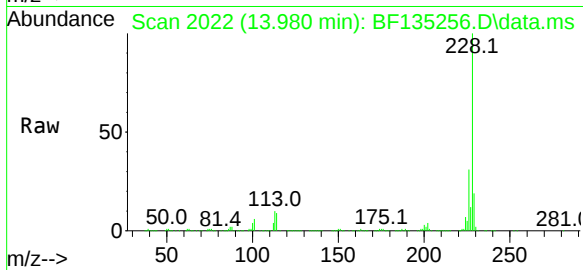
229 19.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.539 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135256.D

Acq: 14 Sep 2023 16:12

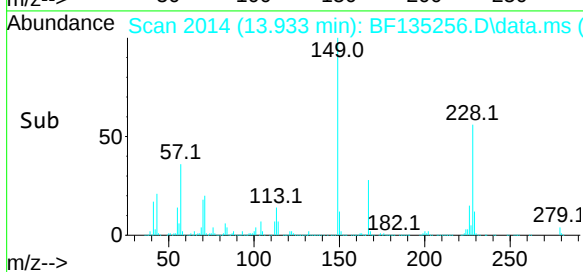
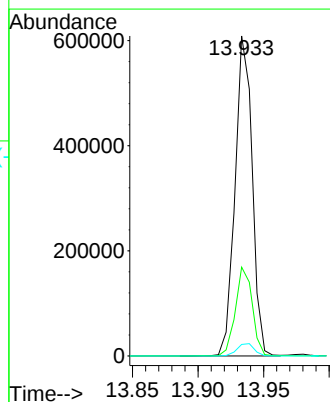
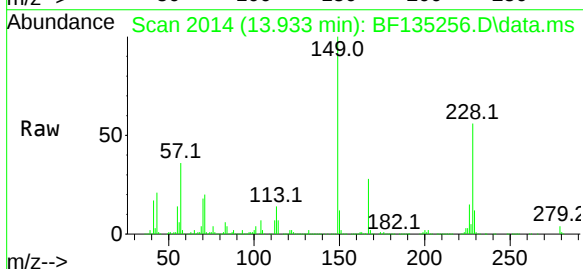
Tgt Ion:149 Resp: 554355

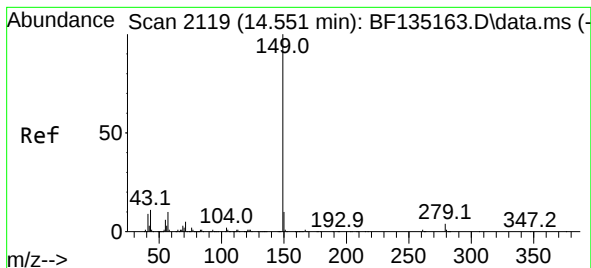
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

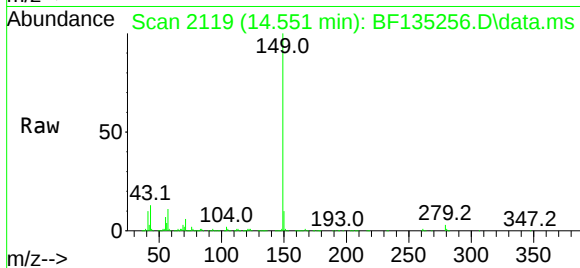
279 3.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 61.678 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

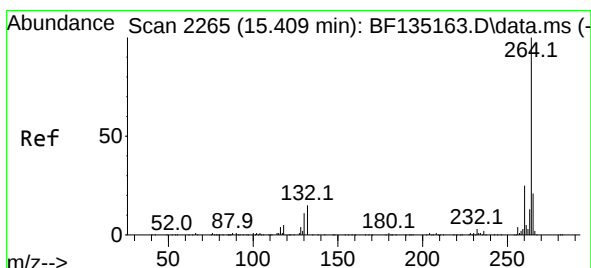
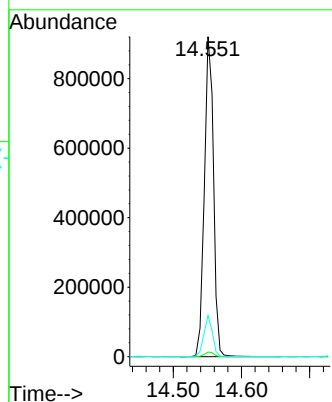
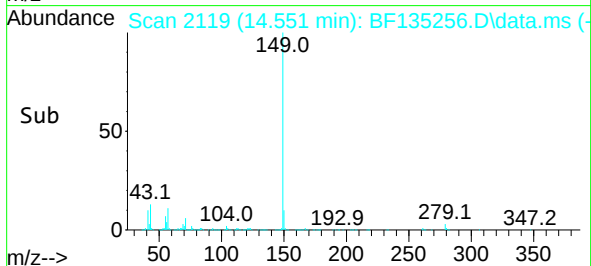
Instrument :
BNA_F
ClientSampleId :
PB154922BS



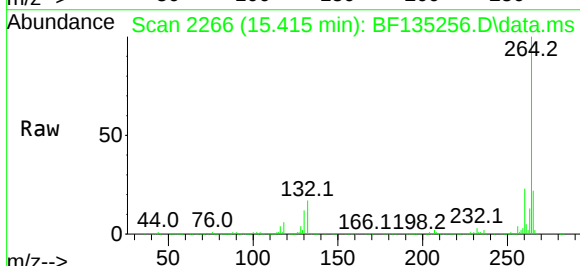
Tgt Ion:149 Resp: 85518
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.1 9.8 14.6

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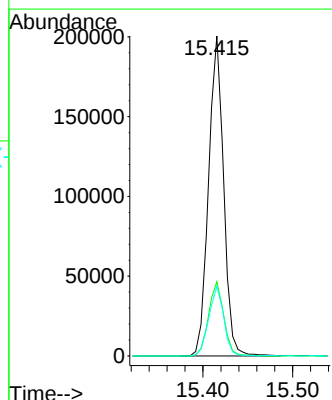
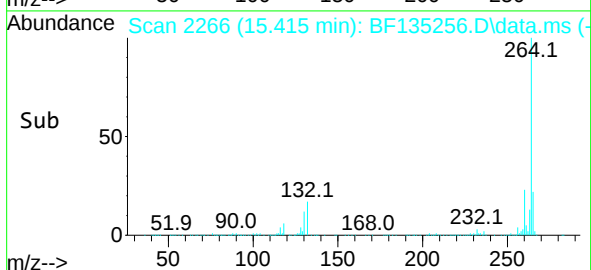
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

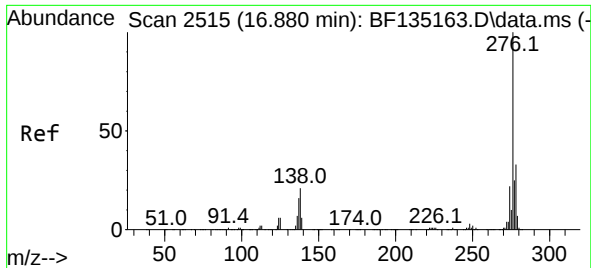


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:264 Resp: 233794
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 21.8 17.0 25.4





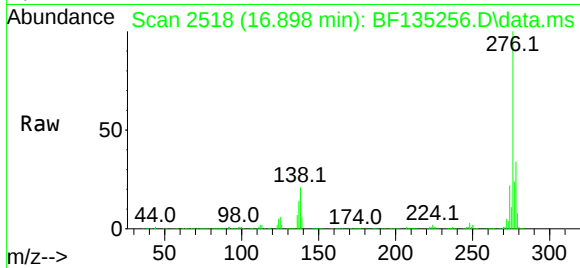
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.090 ng
RT: 16.898 min Scan# 2194
Delta R.T. 0.018 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS

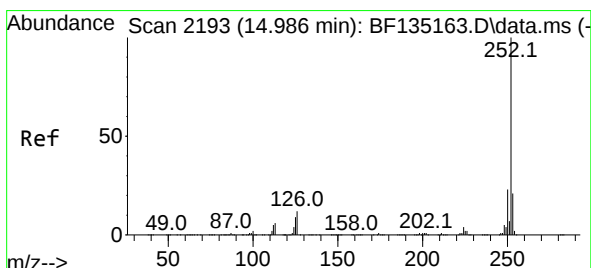
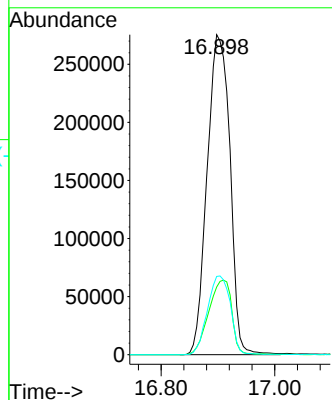
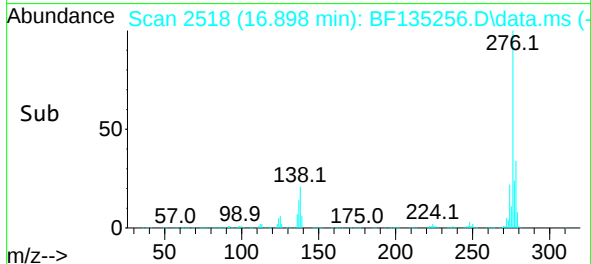


Tgt Ion:276 Resp: 767840
Ion Ratio Lower Upper
276 100
138 23.5 19.2 28.8
277 24.8 19.7 29.5

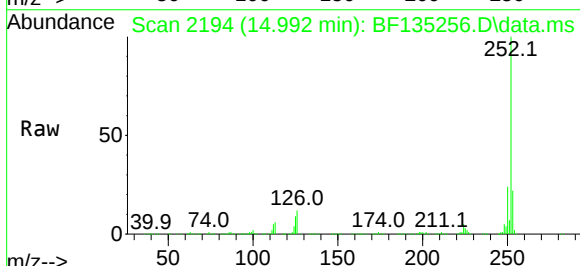
Manual Integrations

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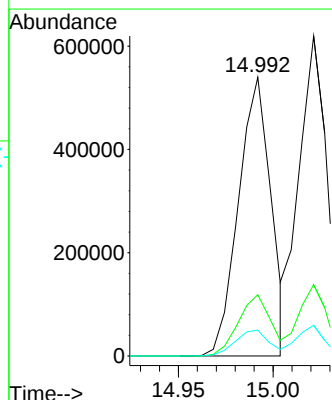
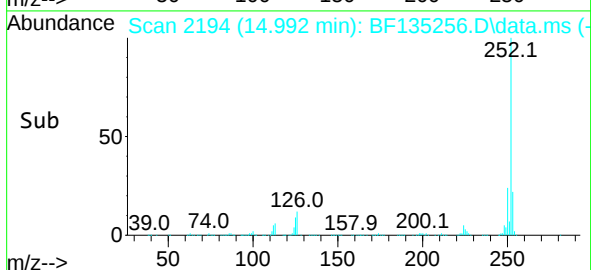
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

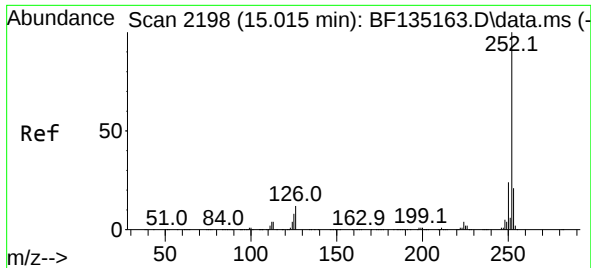


#88
Benzo(b)fluoranthene
Concen: 50.818 ng
RT: 14.992 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12



Tgt Ion:252 Resp: 643155
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.3 7.1 10.7





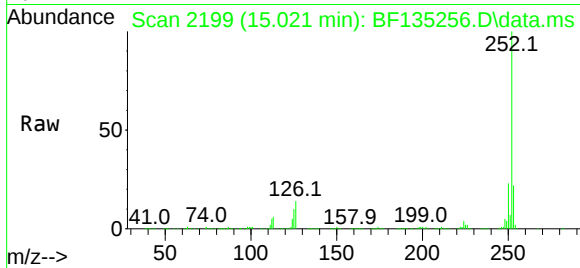
#89
Benzo(k)fluoranthene
Concen: 50.984 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

ClientSampleId :

PB154922BS



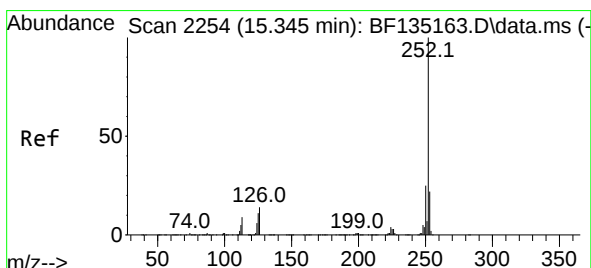
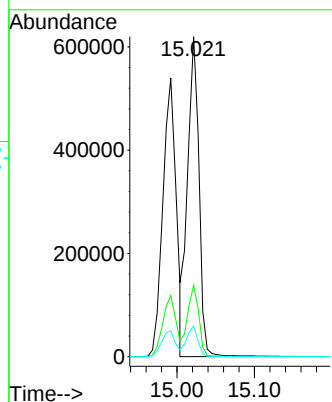
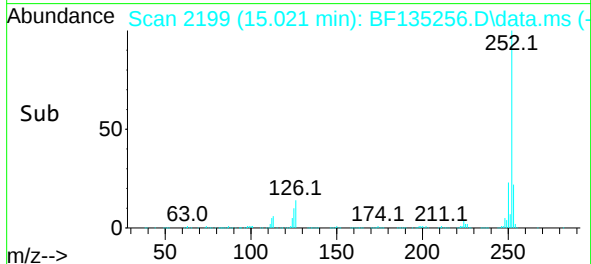
Tgt Ion:252 Resp: 637400
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.6 7.2 10.8

Manual Integrations

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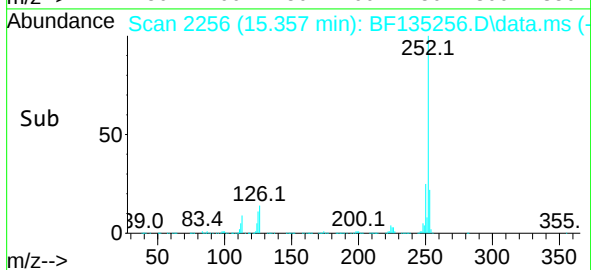
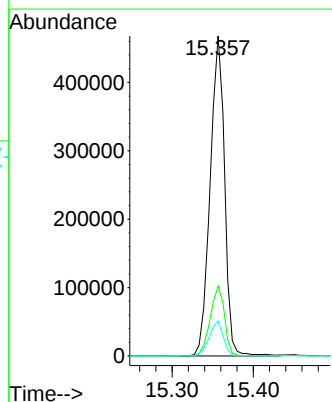
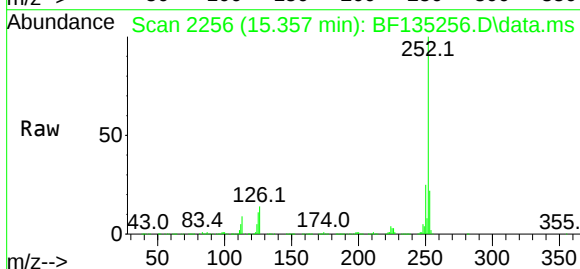
Reviewed By :Yogesh Patel 09/15/2023

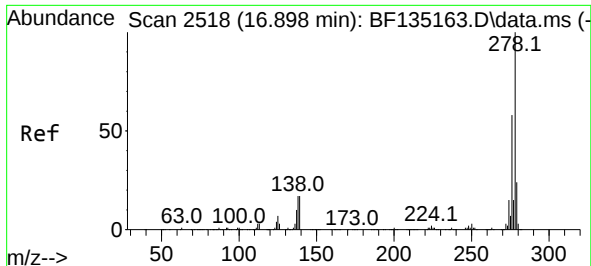
Supervised By :mohammad ahmed 09/15/2023



#90
Benzo(a)pyrene
Concen: 47.762 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.012 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:252 Resp: 576458
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 49.697 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Instrument :

BNA_F

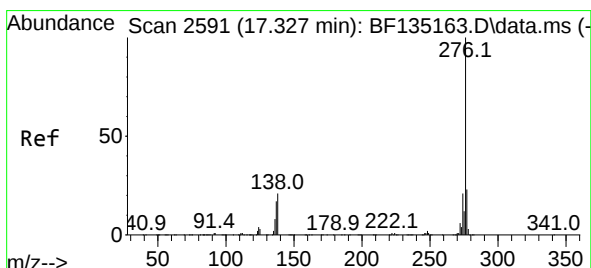
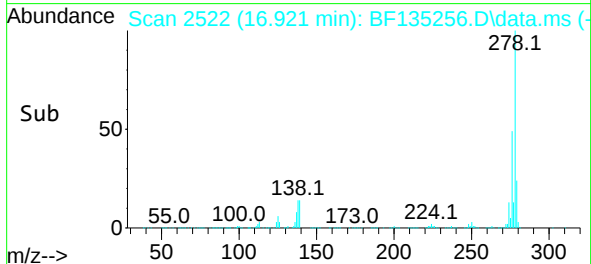
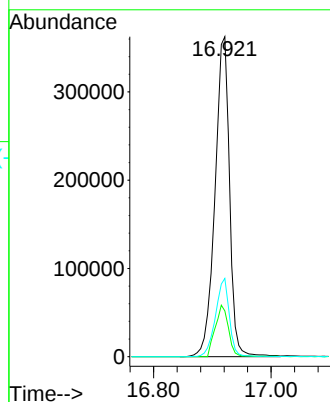
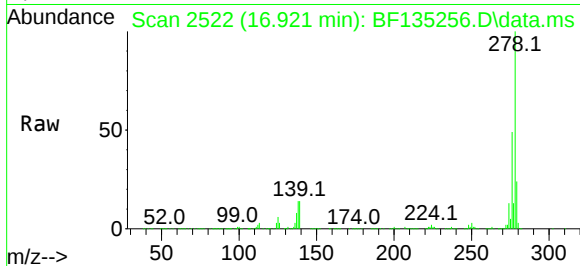
ClientSampleId :

PB154922BS

Tgt Ion:278 Resp: 623329
Ion Ratio Lower Upper
278 100
139 14.3 13.4 20.0
279 24.5 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.200 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135256.D
Acq: 14 Sep 2023 16:12

Tgt Ion:276 Resp: 631375
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 20.9 16.9 25.3

