

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136756.D
 Acq On : 27 Dec 2023 13:56
 Operator : CG\JU
 Sample : 05967-12MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 27 14:37:47 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 21 01:54:25 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	71330	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	277226	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	137230	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	243937	20.000	ng	0.00
76) Chrysene-d12	13.968	240	127780	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	149437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	145743	31.880	ng	0.00
7) Phenol-d6	6.428	99	106759	18.022	ng	-0.01
23) Nitrobenzene-d5	7.351	82	347662	64.172	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	138932	85.963	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	659508	64.638	ng	-0.01
79) Terphenyl-d14	12.904	244	599711	65.587	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	24814	13.027	ng	96
3) Pyridine	3.328	79	71038	15.285	ng	100
4) n-Nitrosodimethylamine	3.275	42	33839	13.635	ng	# 99
6) Aniline	6.445	93	89969	15.191	ng	# 86
8) 2-Chlorophenol	6.575	128	103399	20.668	ng	95
9) Benzaldehyde	6.340	77	45290	13.442	ng	96
10) Phenol	6.439	94	46800	7.401	ng	89
11) bis(2-Chloroethyl)ether	6.522	93	156913	32.629	ng	97
12) 1,3-Dichlorobenzene	6.728	146	170485	31.238	ng	96
13) 1,4-Dichlorobenzene	6.804	146	174736	31.335	ng	96
14) 1,2-Dichlorobenzene	6.951	146	164741	31.748	ng	99
15) Benzyl Alcohol	6.928	79	89887	22.492	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	250828	31.902	ng	95
17) 2-Methylphenol	7.045	107	69242	16.707	ng	97
18) Hexachloroethane	7.292	117	62596	30.909	ng	92
19) n-Nitroso-di-n-propyla...	7.198	70	116188	32.356	ng	93
20) 3+4-Methylphenols	7.204	107	75683	14.617	ng	# 54
22) Acetophenone	7.192	105	240622	34.629	ng	# 88
24) Nitrobenzene	7.369	77	171926	31.680	ng	94
25) Isophorone	7.604	82	315294	31.984	ng	99
26) 2-Nitrophenol	7.681	139	63400	24.417	ng	99
27) 2,4-Dimethylphenol	7.722	122	88733	28.070	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	194339	32.432	ng	99
29) 2,4-Dichlorophenol	7.928	162	93504	22.976	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	143969	31.750	ng	98
31) Naphthalene	8.086	128	475857	31.245	ng	100
32) Benzoic acid	7.804	122	14456m	4.726	ng	
33) 4-Chloroaniline	8.133	127	64837	11.530	ng	98
34) Hexachlorobutadiene	8.198	225	85271	30.952	ng	96
35) Caprolactam	8.486	113	6938m	5.168	ng	
36) 4-Chloro-3-methylphenol	8.622	107	95878	20.927	ng	95
37) 2-Methylnaphthalene	8.775	142	303891	31.004	ng	99
38) 1-Methylnaphthalene	8.875	142	294368	30.612	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	153289	36.069	ng	100
41) Hexachlorocyclopentadiene	8.928	237	112000	82.490	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	67593	24.800	ng	100

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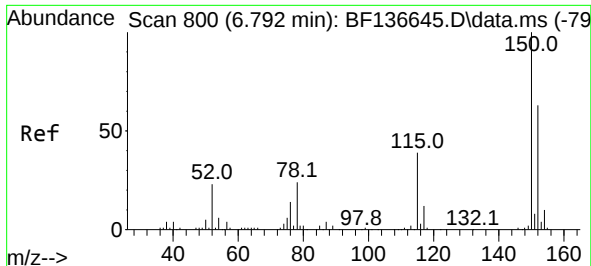
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

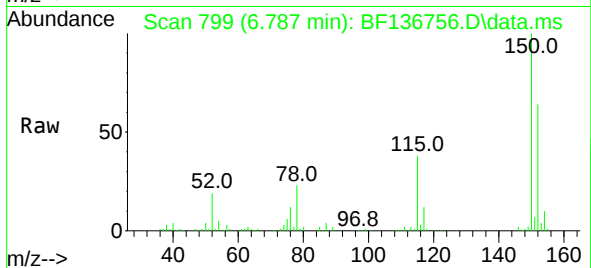
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	72173	23.763	ng	97
46) 1,1'-Biphenyl	9.239	154	399114	34.658	ng	99
47) 2-Chloronaphthalene	9.269	162	287725	32.866	ng	98
48) 2-Nitroaniline	9.369	65	94029	34.299	ng	93
49) Acenaphthylene	9.680	152	479775	35.855	ng	99
50) Dimethylphthalate	9.545	163	333304	33.252	ng	98
51) 2,6-Dinitrotoluene	9.610	165	74890	32.921	ng	90
52) Acenaphthene	9.857	154	273713	32.999	ng	99
53) 3-Nitroaniline	9.775	138	41253	17.119	ng	99
54) 2,4-Dinitrophenol	9.892	184	39774	33.809	ng	94
55) Dibenzofuran	10.028	168	419067	33.329	ng	98
56) 4-Nitrophenol	9.957	139	20075m	12.340	ng	
57) 2,4-Dinitrotoluene	10.016	165	94017	31.835	ng	95
58) Fluorene	10.369	166	328322	32.909	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	56107	23.998	ng	97
60) Diethylphthalate	10.245	149	344791	33.153	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	155961	32.162	ng	99
62) 4-Nitroaniline	10.392	138	67876m	29.218	ng	
63) Azobenzene	10.527	77	319511	32.893	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	29790	21.309	ng	89
66) n-Nitrosodiphenylamine	10.486	169	286020	36.095	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	94948	35.048	ng	93
68) Hexachlorobenzene	10.922	284	104186	34.510	ng	97
69) Atrazine	11.016	200	91504	45.148	ng	99
70) Pentachlorophenol	11.122	266	56026	39.813	ng	99
71) Phenanthrene	11.339	178	433699	34.650	ng	100
72) Anthracene	11.392	178	438057	34.558	ng	99
73) Carbazole	11.545	167	380762	31.860	ng	99
74) Di-n-butylphthalate	11.880	149	517484	35.485	ng	99
75) Fluoranthene	12.533	202	404466	30.210	ng	99
77) Benzidine	12.657	184	105814	28.085	ng	99
78) Pyrene	12.763	202	394745	31.469	ng	99
80) Butylbenzylphthalate	13.386	149	161058	35.286	ng	99
81) Benzo(a)anthracene	13.957	228	293288	33.054	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	48666	19.313	ng	99
83) Chrysene	13.992	228	281636	32.459	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	217215	37.824	ng	100
85) Di-n-octyl phthalate	14.563	149	352107	39.638	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	357382	33.123	ng	98
88) Benzo(b)fluoranthene	15.015	252	307726	30.831	ng	99
89) Benzo(k)fluoranthene	15.045	252	276525	29.320	ng	100
90) Benzo(a)pyrene	15.386	252	274542	32.586	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	297590	33.619	ng	98
92) Benzo(g,h,i)perylene	17.409	276	273194	30.134	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

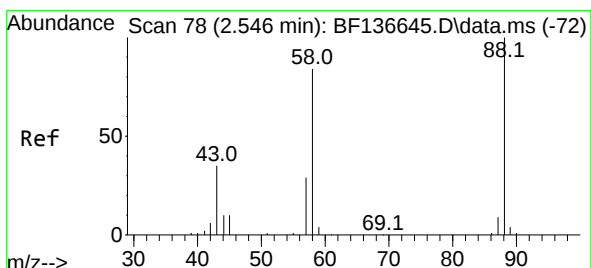
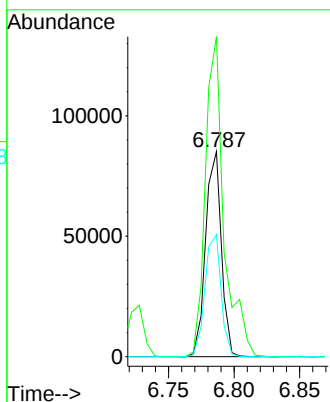
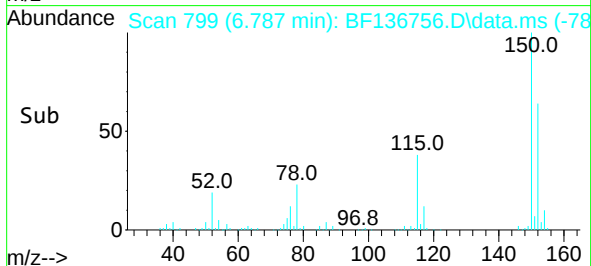
Instrument :
BNA_F
ClientSampleId :
COLTOMS



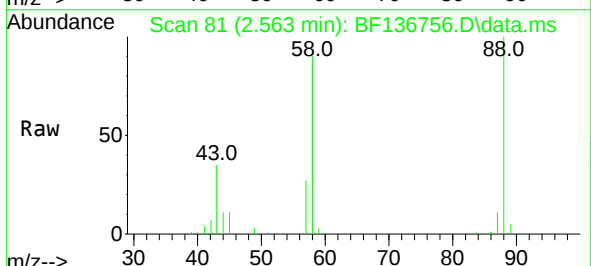
Tgt Ion:152 Resp: 71330
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 59.5 49.0 73.4

Manual Integrations
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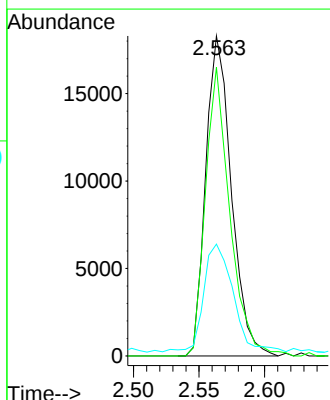
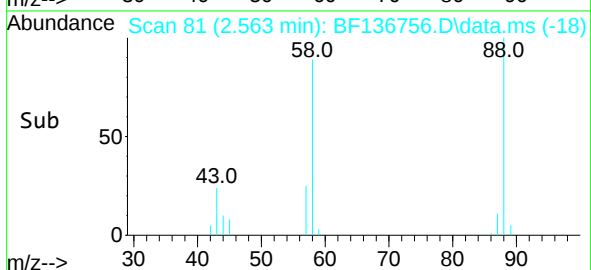
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#2
1,4-Dioxane
Concen: 13.027 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



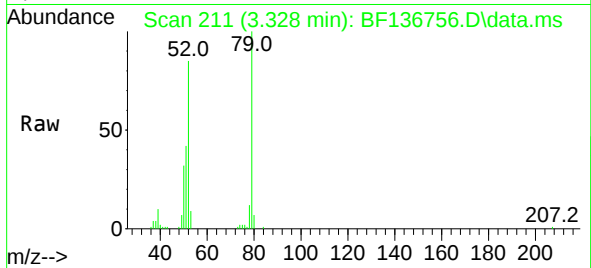
Tgt Ion: 88 Resp: 24814
Ion Ratio Lower Upper
88 100
58 86.1 67.4 101.0
43 38.9 27.7 41.5





#3
Pyridine
Concen: 15.285 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.024 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

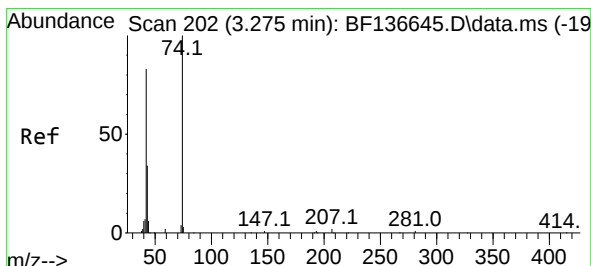
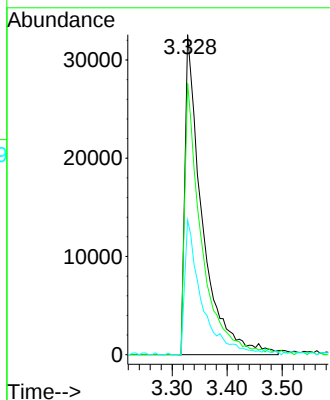
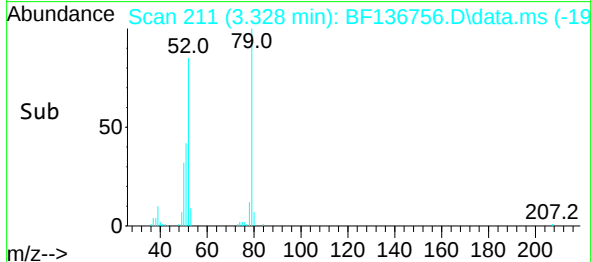
Instrument :
BNA_F
ClientSampleId :
COLTOMS



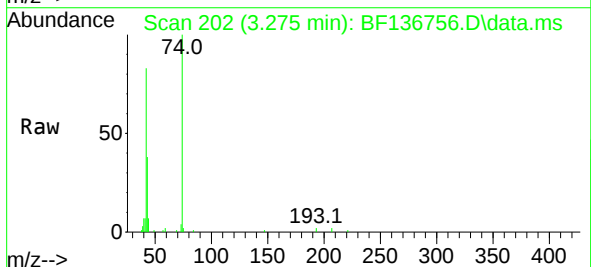
Tgt Ion: 79 Resp: 71038
Ion Ratio Lower Upper
79 100
52 84.8 67.7 101.5
51 42.0 34.0 51.0

Manual Integrations
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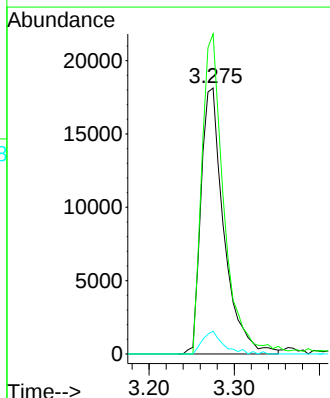
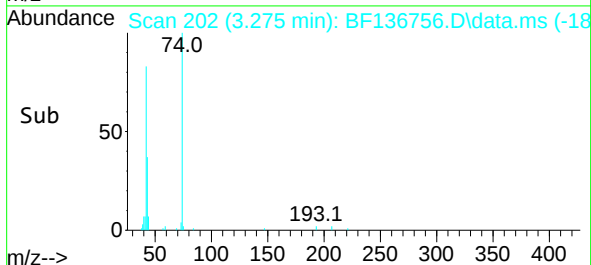
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#4
n-Nitrosodimethylamine
Concen: 13.635 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



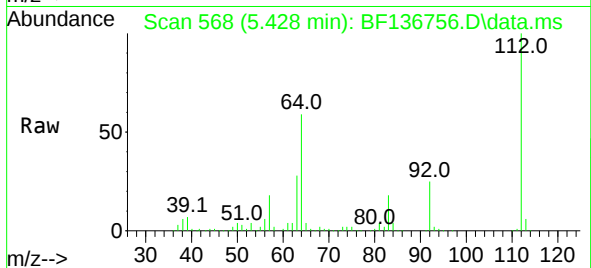
Tgt Ion: 42 Resp: 33839
Ion Ratio Lower Upper
42 100
74 120.3 96.0 144.0
44 8.6 5.4 8.2





#5
2-Fluorophenol
Concen: 31.880 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

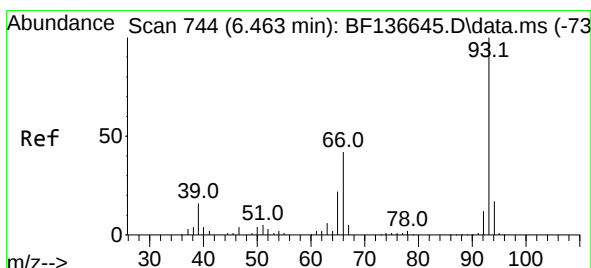
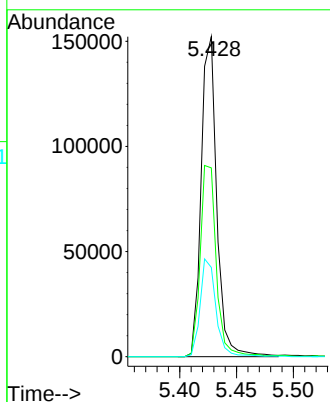
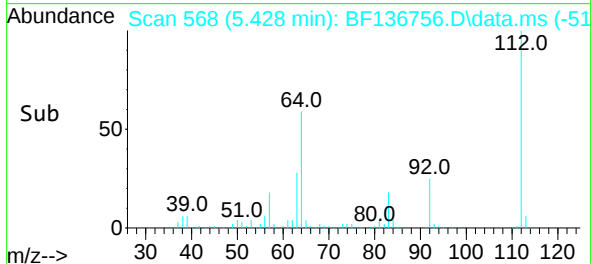
Instrument :
BNA_F
ClientSampleId :
COLTOMS



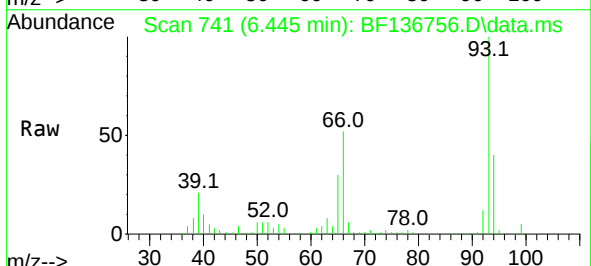
Tgt Ion:112 Resp: 14574
Ion Ratio Lower Upper
112 100
64 59.0 51.1 76.7
63 27.9 26.1 39.1

Manual Integrations
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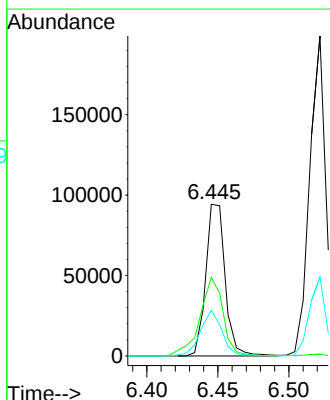
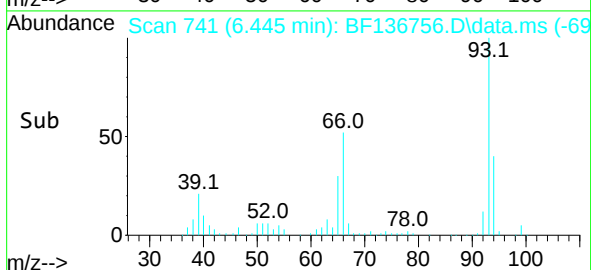
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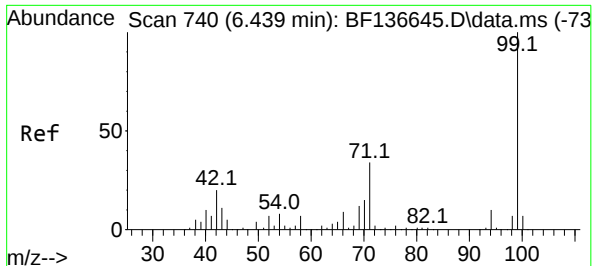


#6
Aniline
Concen: 15.191 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



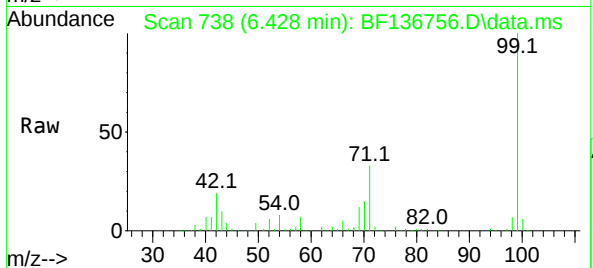
Tgt Ion: 93 Resp: 89969
Ion Ratio Lower Upper
93 100
66 51.7 34.6 51.8
65 30.0 17.8 26.8





#7
Phenol-d6
Concen: 18.022 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

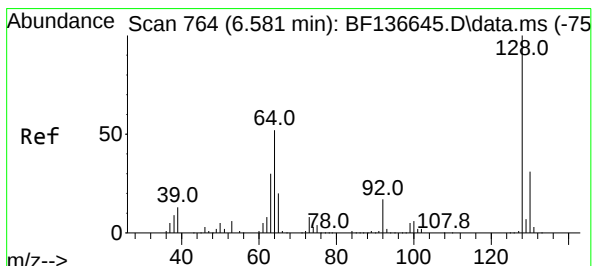
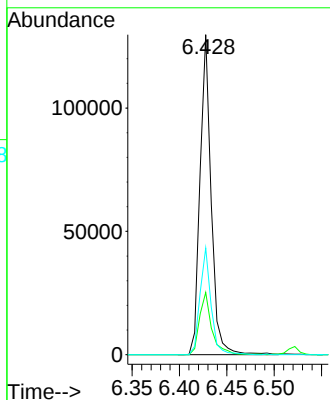
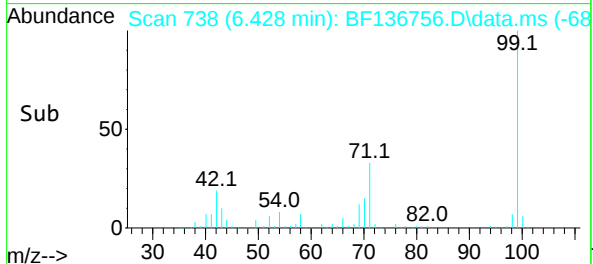
Instrument :
BNA_F
ClientSampleId :
COLTOMS



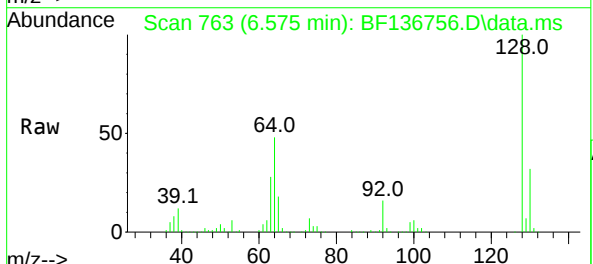
Tgt Ion: 99 Resp: 106759
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.4 27.4 41.2

Manual Integrations
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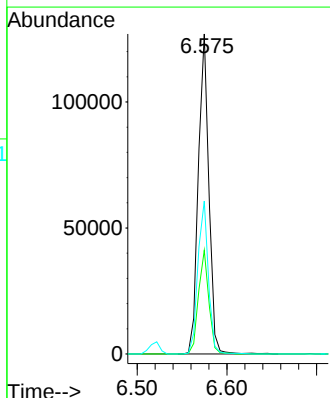
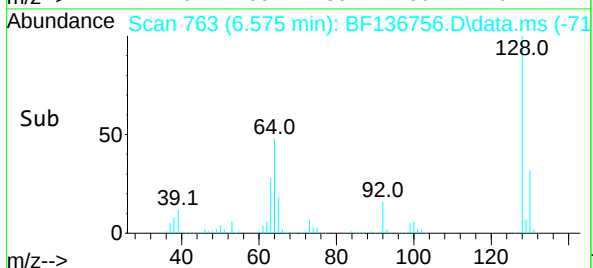
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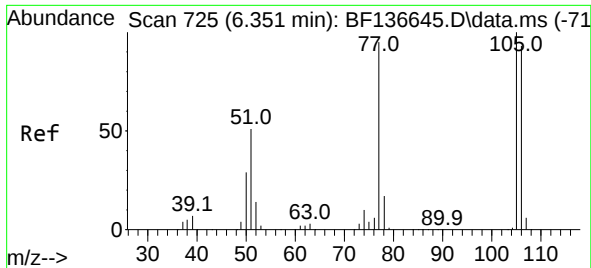


#8
2-Chlorophenol
Concen: 20.668 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:128 Resp: 103399
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 47.8 32.5 72.5





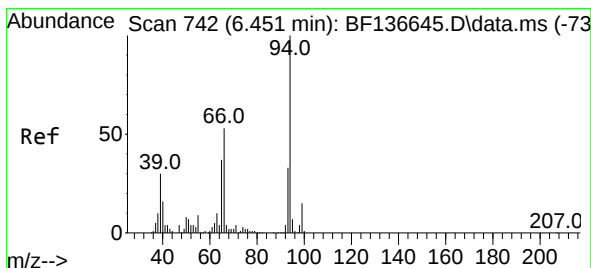
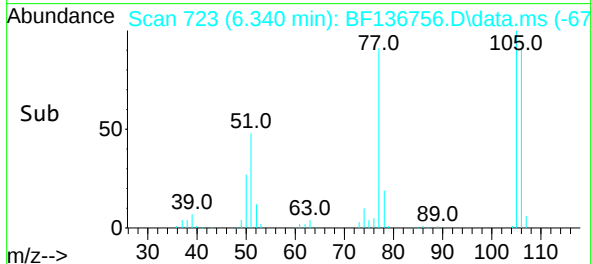
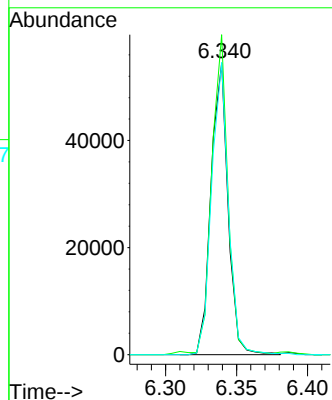
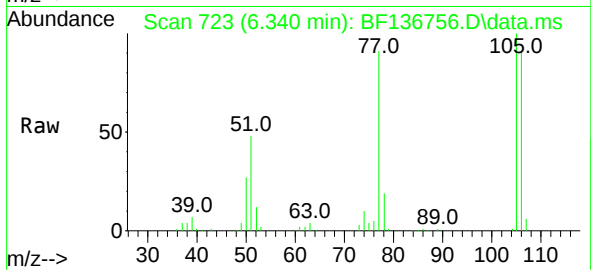
#9
Benzaldehyde
Concen: 13.442 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :
BNA_F
ClientSampleId :
COLTOMS

Tgt Ion: 77 Resp: 45290
Ion Ratio Lower Upper
77 100
105 109.8 84.8 124.8
106 100.2 77.8 117.8

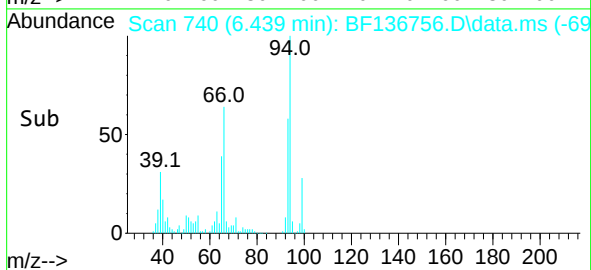
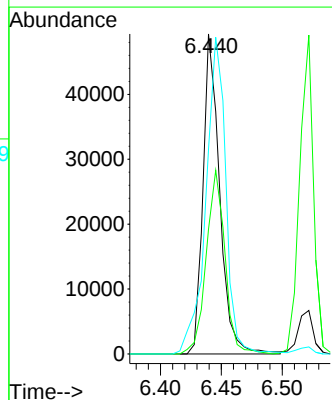
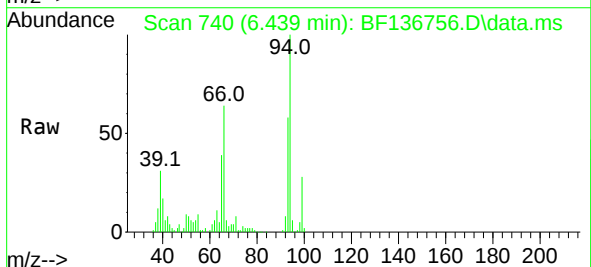
Manual Integrations
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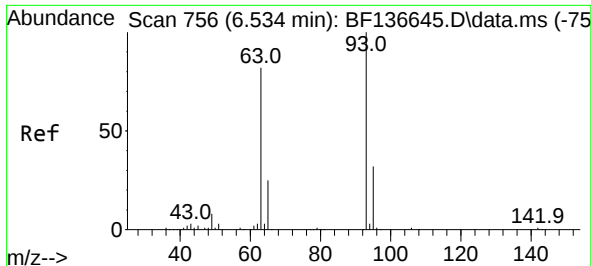
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#10
Phenol
Concen: 7.401 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

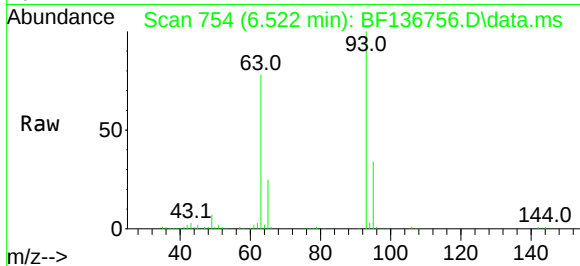
Tgt Ion: 94 Resp: 46800
Ion Ratio Lower Upper
94 100
65 39.0 16.6 56.6
66 64.0 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 32.629 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

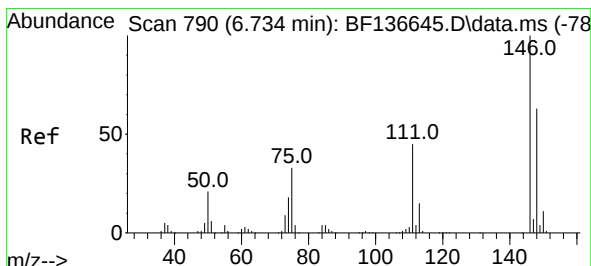
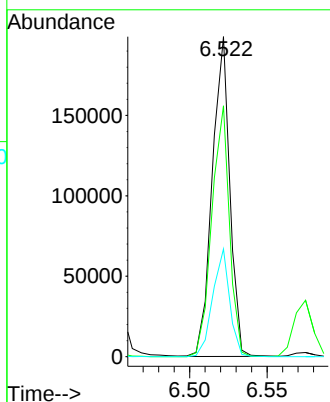
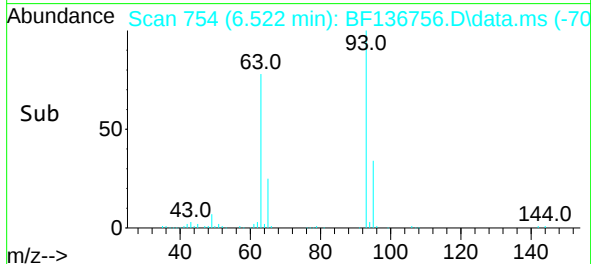
Instrument :
BNA_F
ClientSampleId :
COLTOMS



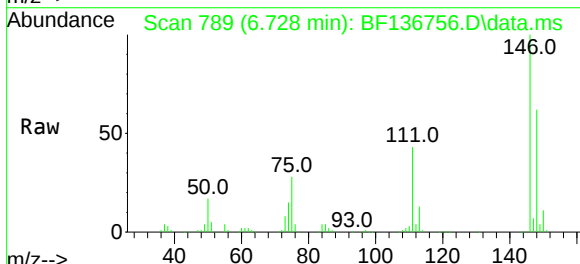
Tgt Ion: 93 Resp: 15691
Ion Ratio Lower Upper
93 100
63 78.4 61.2 101.2
95 33.7 11.6 51.6

Manual Integrations
APPROVED

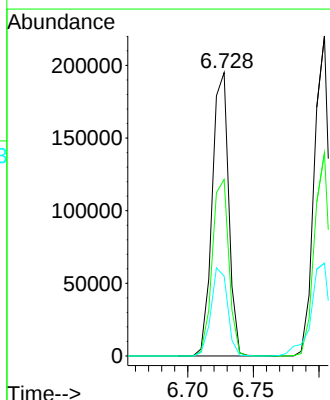
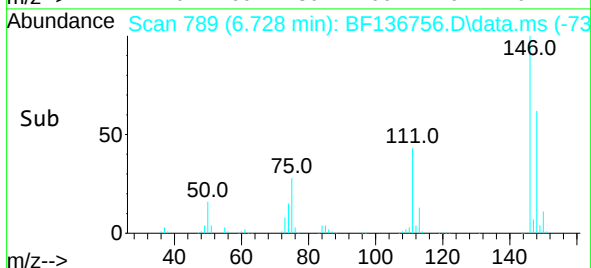
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

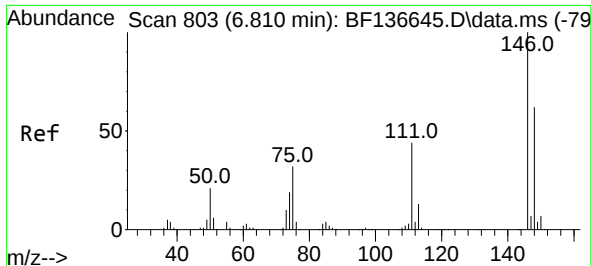


#12
1,3-Dichlorobenzene
Concen: 31.238 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:146 Resp: 170485
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 28.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 31.335 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:146 Resp: 174730

Ion Ratio Lower Upper

146 100

148 63.5 49.2 73.8

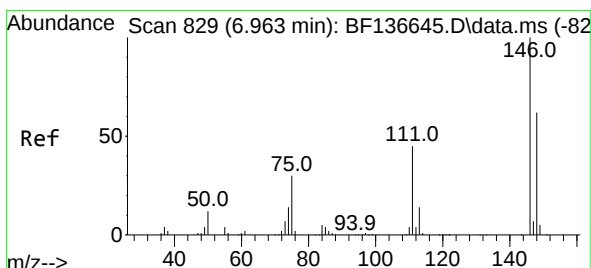
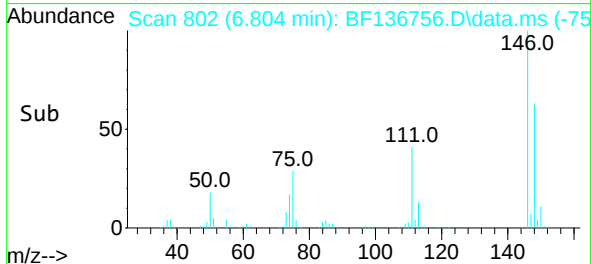
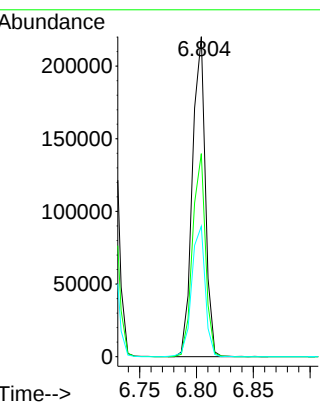
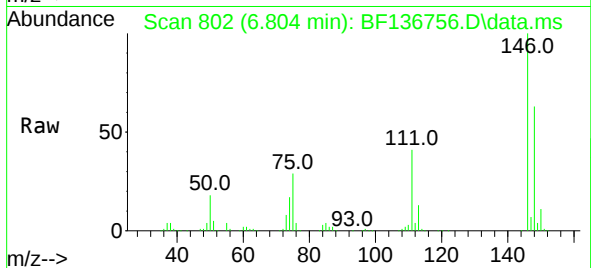
111 40.8 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#14

1,2-Dichlorobenzene

Concen: 31.748 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

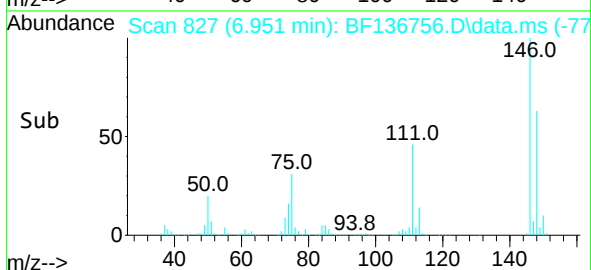
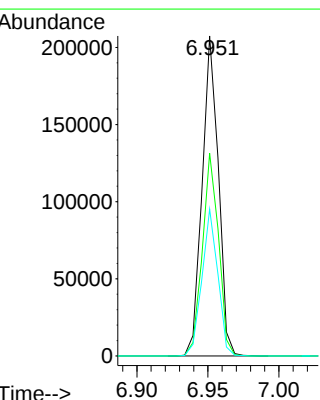
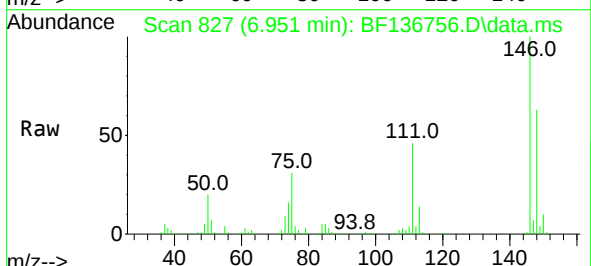
Tgt Ion:146 Resp: 164741

Ion Ratio Lower Upper

146 100

148 63.3 49.6 74.4

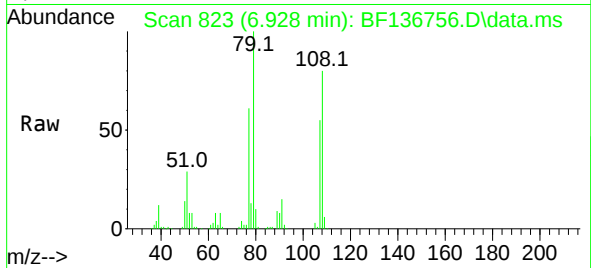
111 45.9 36.2 54.2





#15
Benzyl Alcohol
Concen: 22.492 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

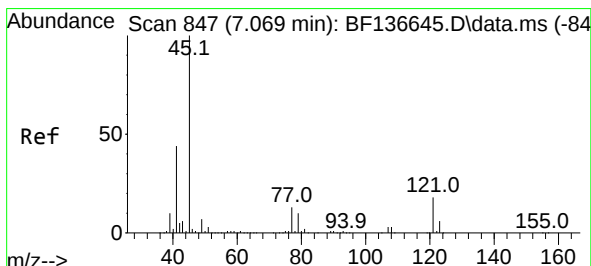
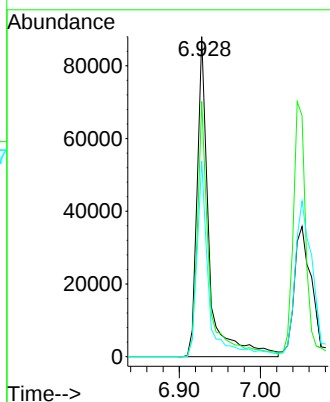
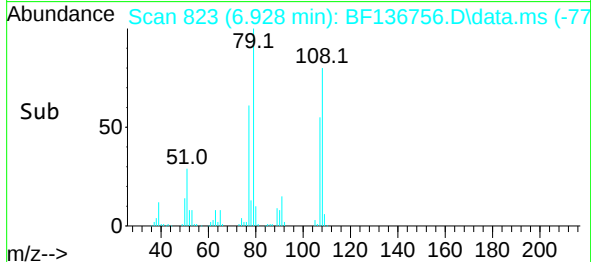
Instrument :
BNA_F
ClientSampleId :
COLTOMS



Tgt Ion: 79 Resp: 8988
Ion Ratio Lower Upper
79 100
108 79.8 61.0 91.6
77 61.1 49.8 74.8

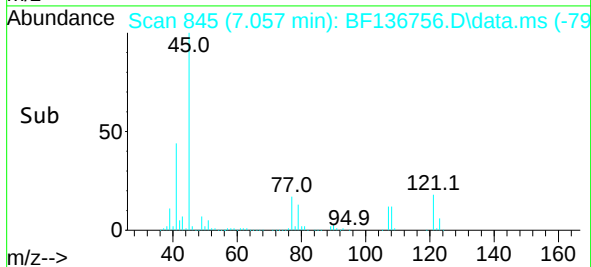
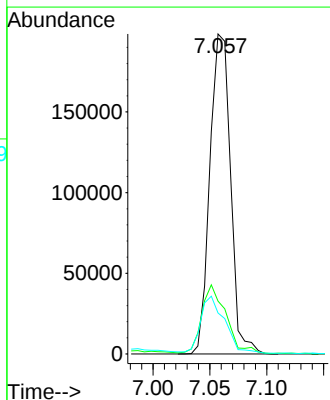
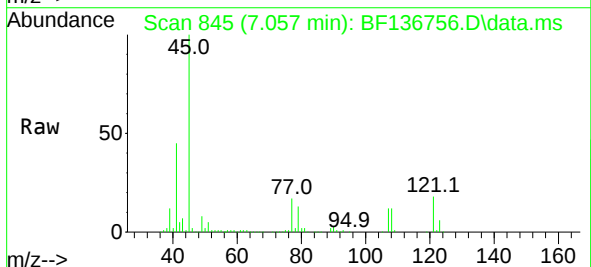
Manual Integrations
APPROVED

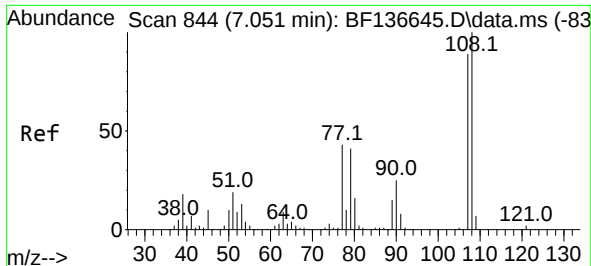
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.902 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion: 45 Resp: 250828
Ion Ratio Lower Upper
45 100
77 16.5 0.0 34.3
79 12.8 0.0 31.4





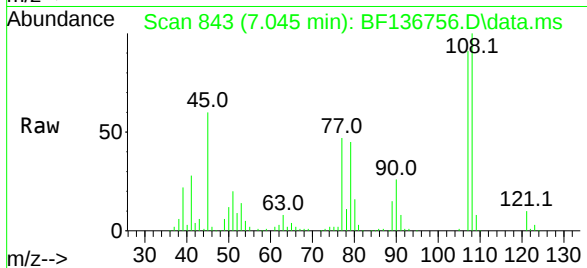
#17
2-Methylphenol
Concen: 16.707 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

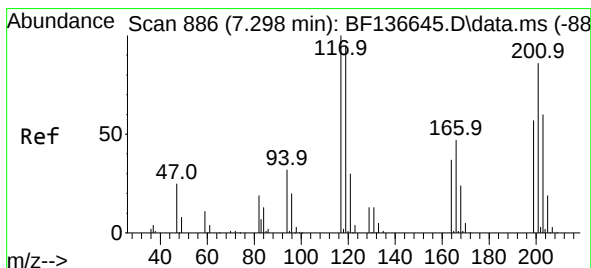
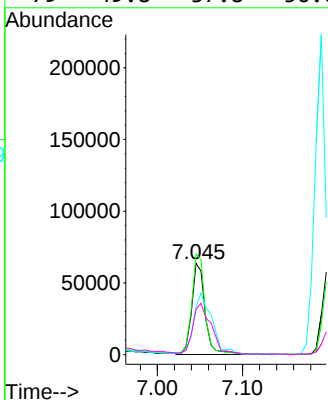
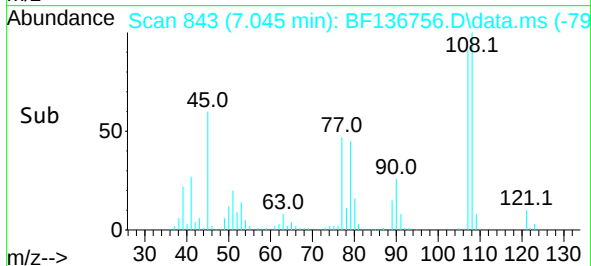


Tgt Ion:107 Resp: 6924
Ion Ratio Lower Upper
107 100
108 110.2 90.3 135.5
77 51.9 38.7 58.1
79 49.8 37.8 56.6

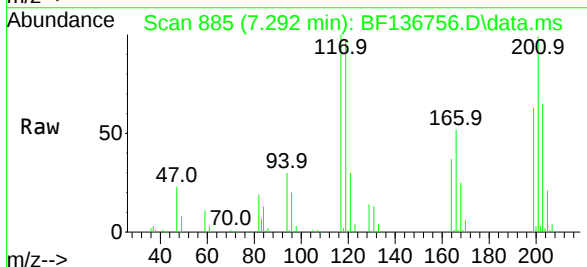
Manual Integrations

APPROVED

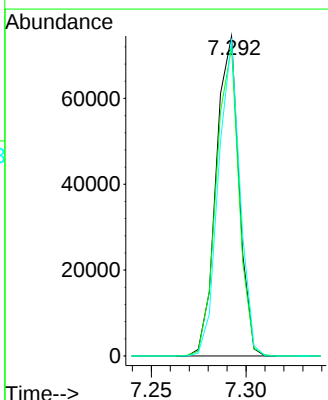
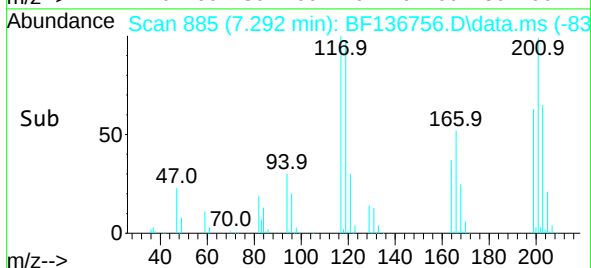
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

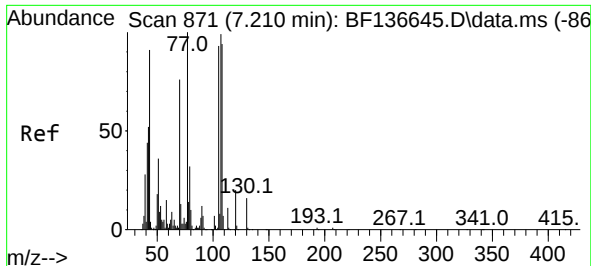


#18
Hexachloroethane
Concen: 30.909 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:117 Resp: 62596
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6
201 99.2 69.1 103.7





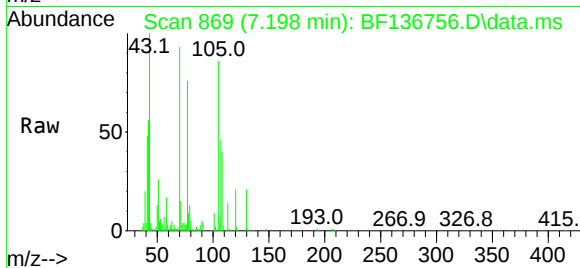
#19
n-Nitroso-di-n-propylamine
Concen: 32.356 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

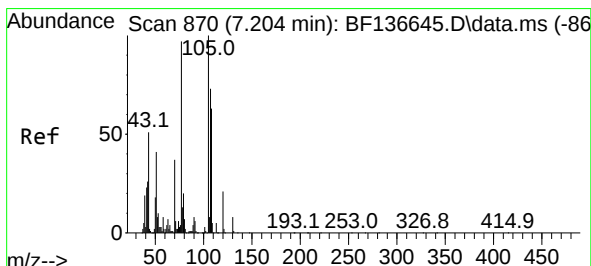
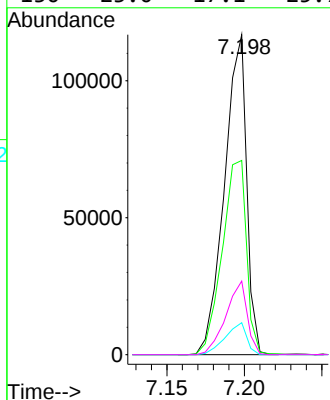
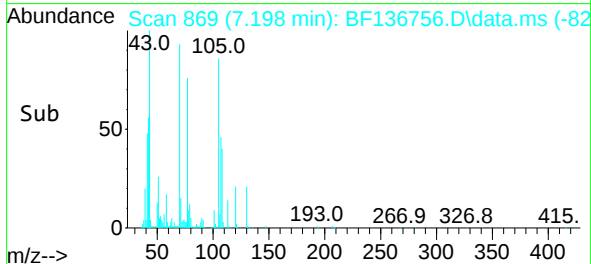
COLTOMS



Tgt Ion: 70 Resp: 11618
Ion Ratio Lower Upper
70 100
42 60.7 54.2 81.4
101 10.0 7.6 11.4
130 23.0 17.1 25.7

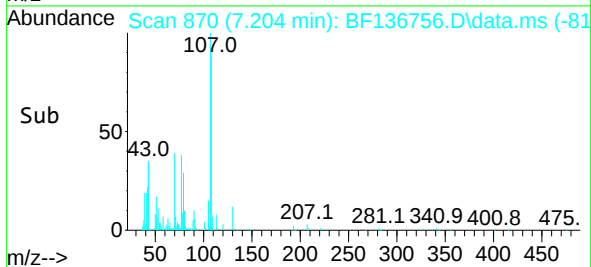
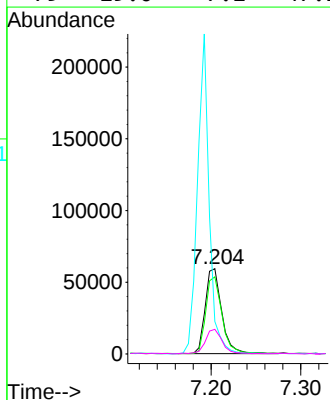
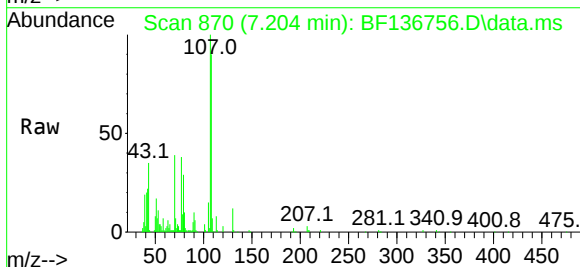
Manual Integrations
APPROVED

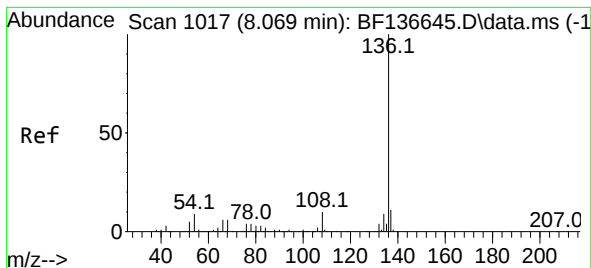
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#20
3+4-Methylphenols
Concen: 14.617 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:107 Resp: 75683
Ion Ratio Lower Upper
107 100
108 90.4 66.0 106.0
77 38.2 114.2 154.2#
79 29.0 7.2 47.2





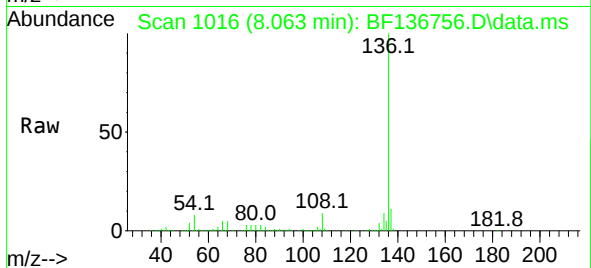
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

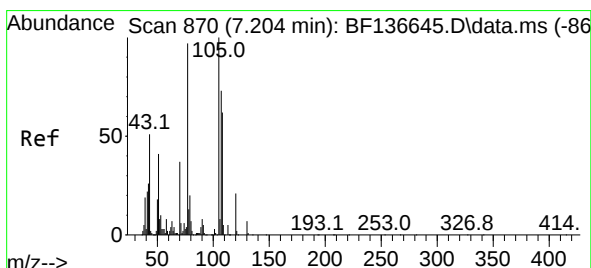
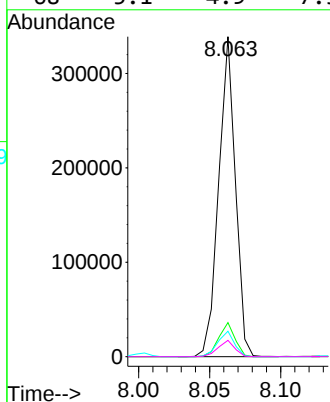
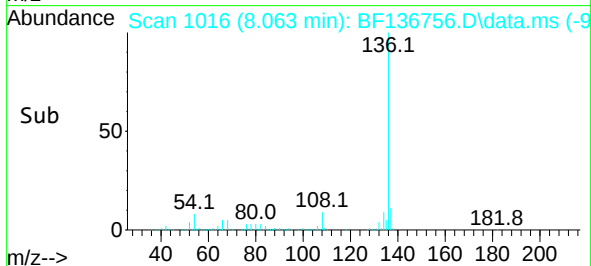


Tgt Ion:136 Resp: 277220
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.0 7.2 10.8
68 5.1 4.9 7.3

Manual Integrations

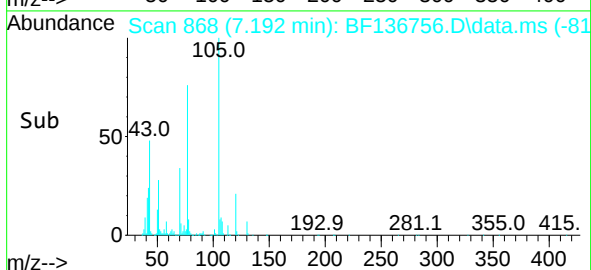
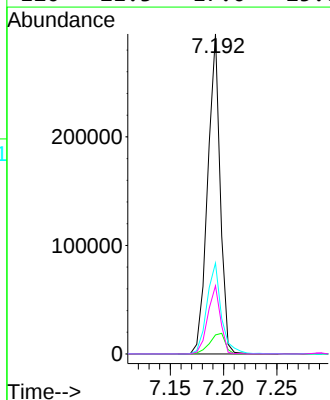
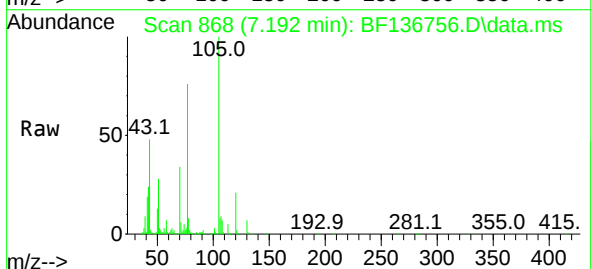
APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#22
Acetophenone
Concen: 34.629 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:105 Resp: 240622
Ion Ratio Lower Upper
105 100
71 5.9 4.8 7.2
51 28.4 32.8 49.2#
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.172 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion: 82 Resp: 347662

Ion Ratio Lower Upper

82 100

128 46.3 35.3 52.9

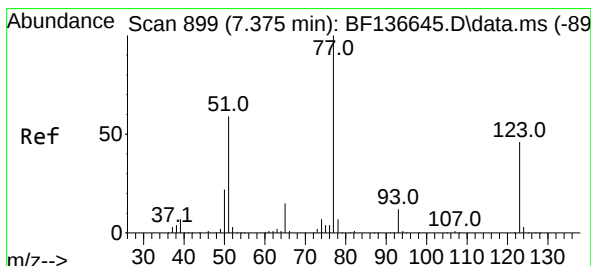
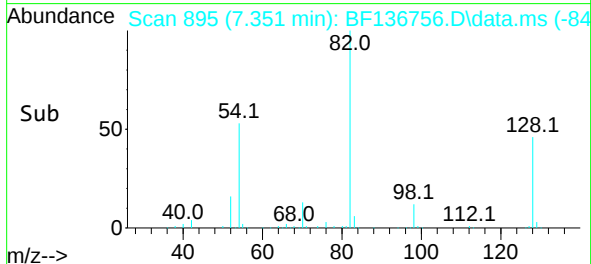
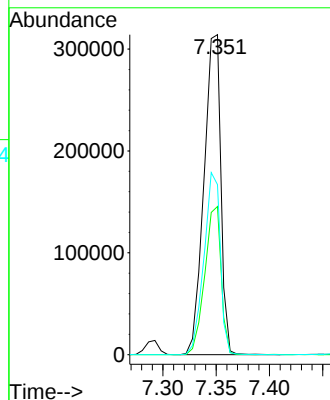
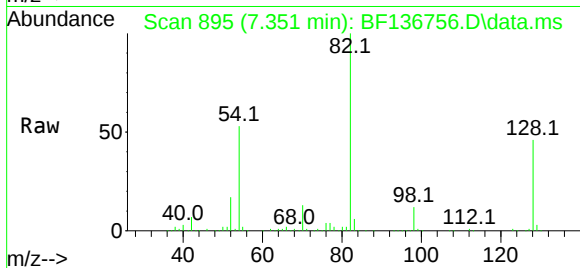
54 53.1 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#24

Nitrobenzene

Concen: 31.680 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

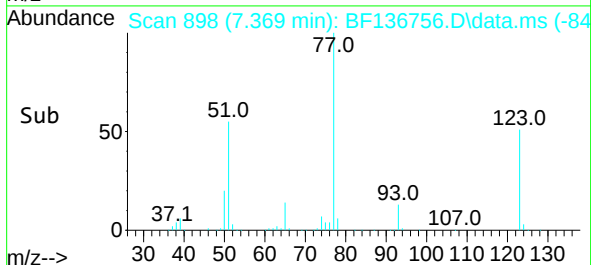
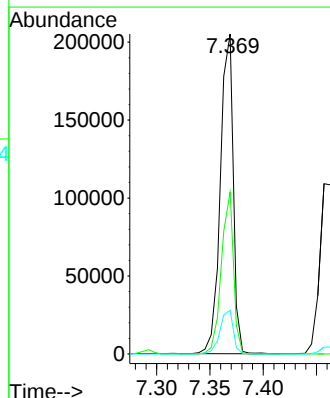
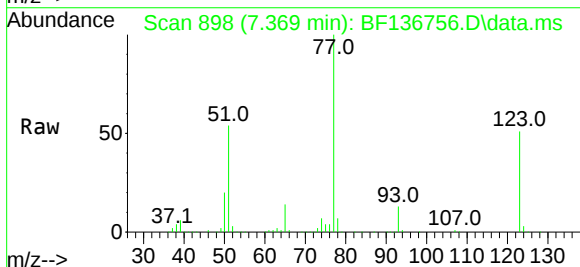
Tgt Ion: 77 Resp: 171926

Ion Ratio Lower Upper

77 100

123 50.6 36.7 55.1

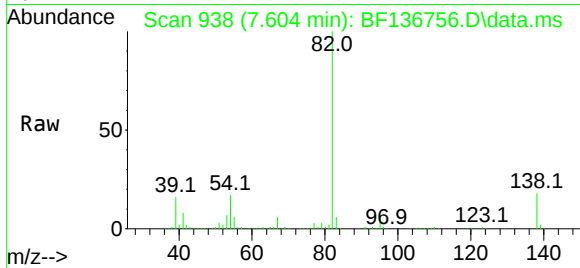
65 13.6 11.8 17.6





#25
Isophorone
Concen: 31.984 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

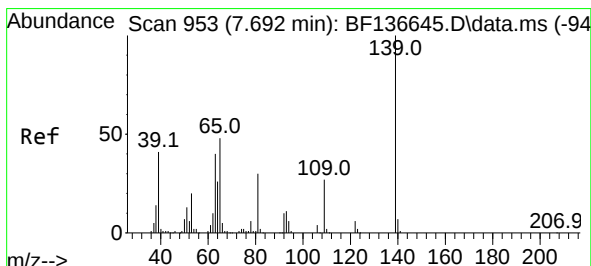
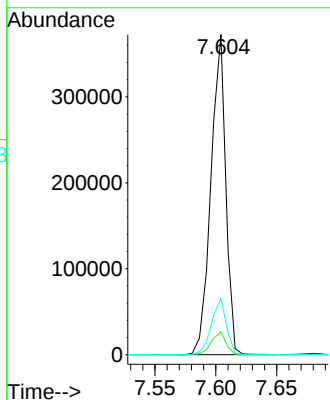
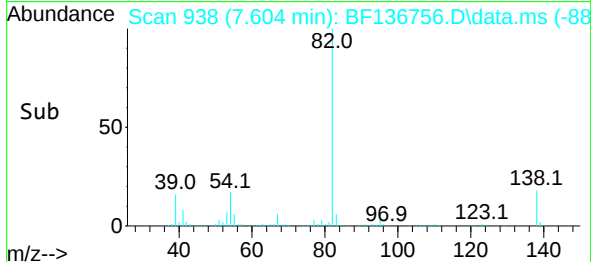
Instrument :
BNA_F
ClientSampleId :
COLTOMS



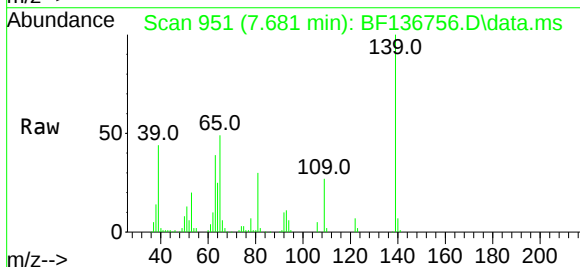
Tgt Ion: 82 Resp: 315294
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.5 14.5 21.7

Manual Integrations
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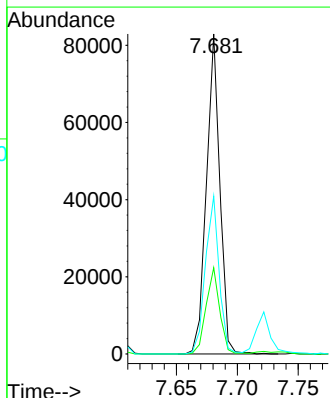
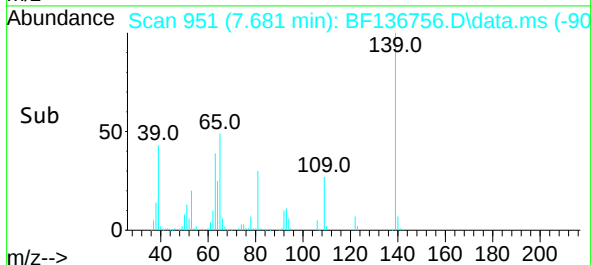
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

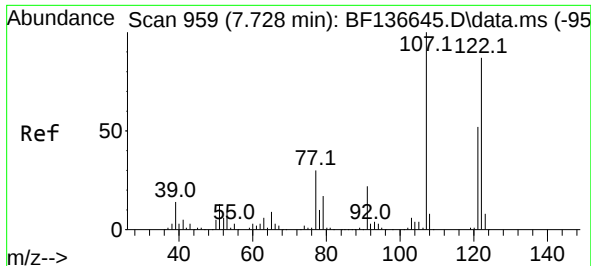


#26
2-Nitrophenol
Concen: 24.417 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:139 Resp: 63400
Ion Ratio Lower Upper
139 100
109 27.0 21.9 32.9
65 49.3 38.6 58.0





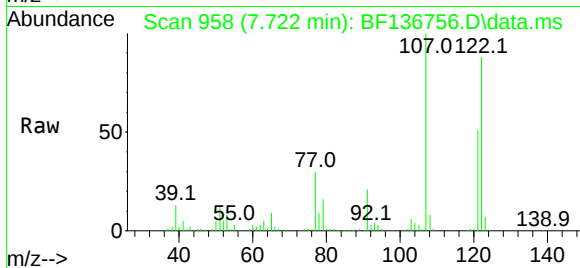
#27
2,4-Dimethylphenol
Concen: 28.070 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

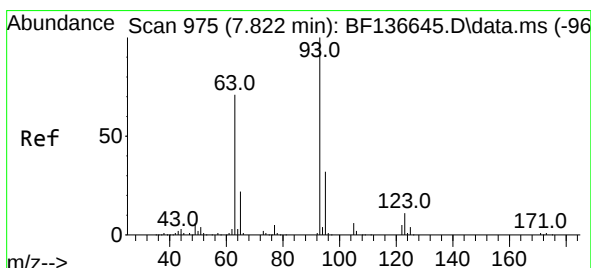
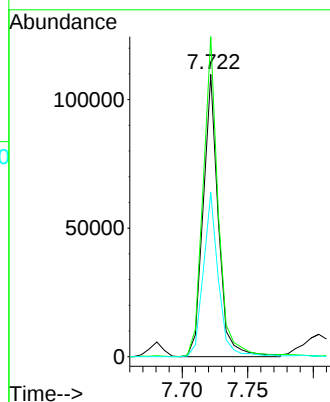
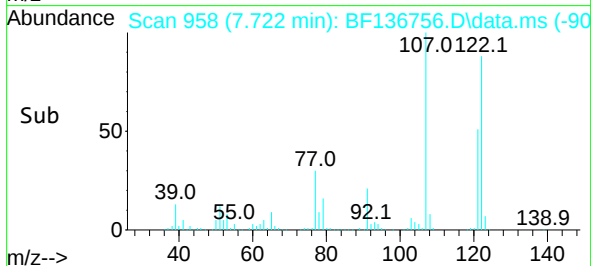


Tgt Ion:122 Resp: 8873
Ion Ratio Lower Upper
122 100
107 113.4 92.0 138.0
121 58.2 47.5 71.3

Manual Integrations

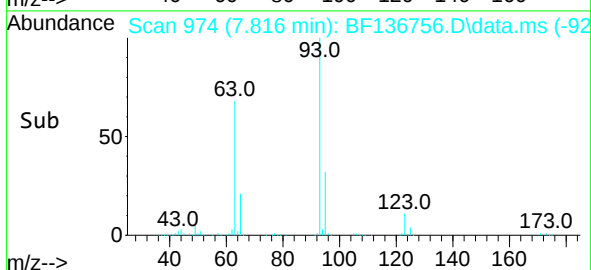
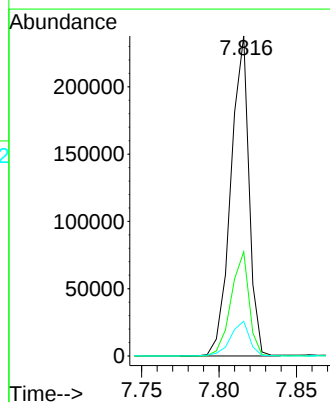
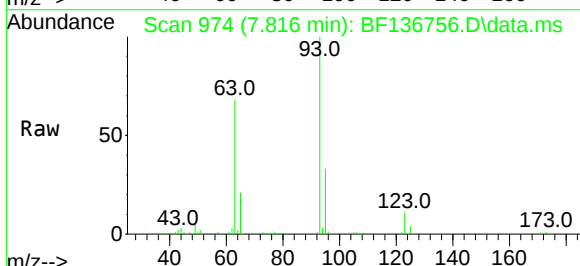
APPROVED

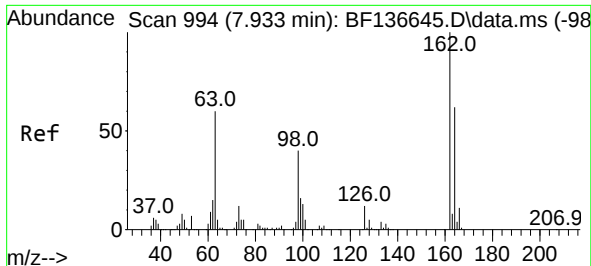
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 32.432 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion: 93 Resp: 194339
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 10.8 9.2 13.8





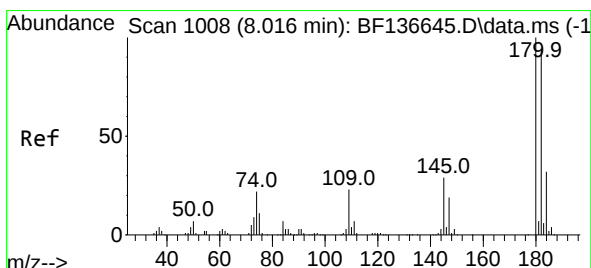
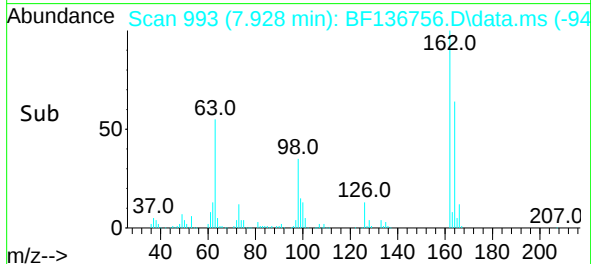
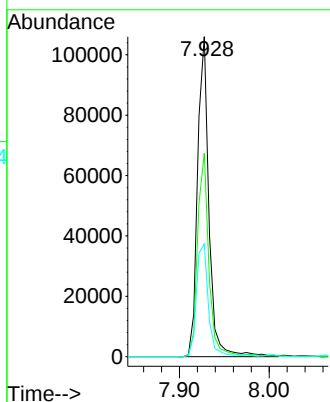
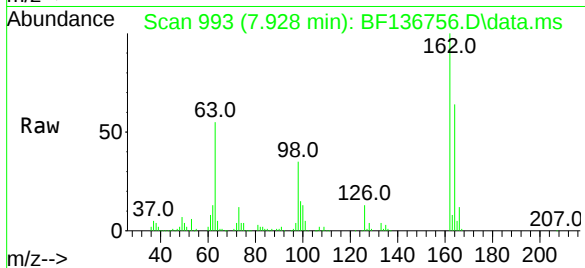
#29
2,4-Dichlorophenol
Concen: 22.976 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :
BNA_F
ClientSampleId :
COLTOMS

Tgt Ion:162 Resp: 93504
Ion Ratio Lower Upper
162 100
164 63.6 41.7 81.7
98 35.2 19.5 59.5

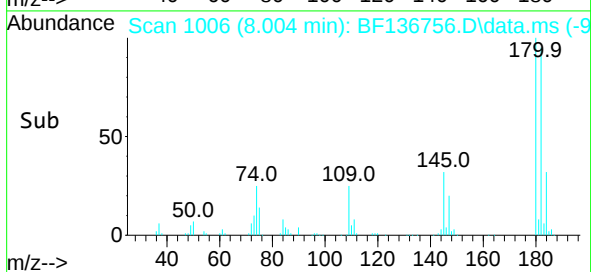
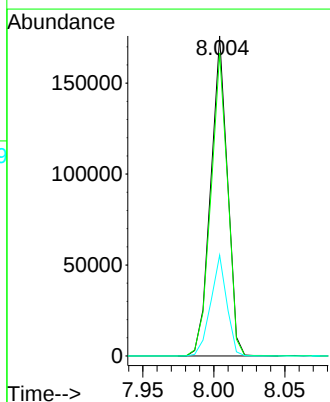
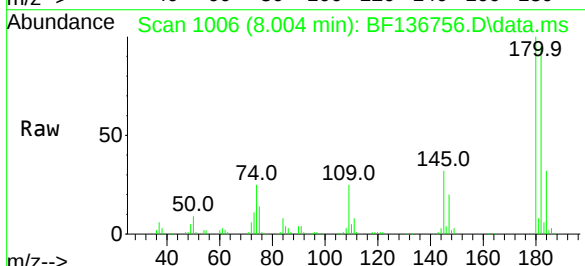
Manual Integrations
APPROVED

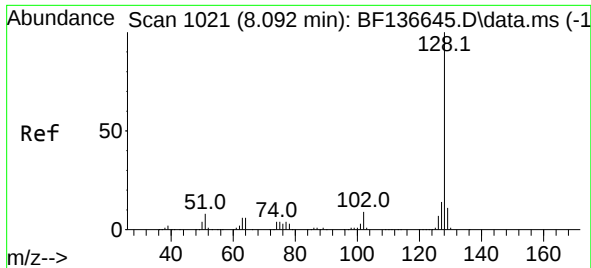
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 31.750 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

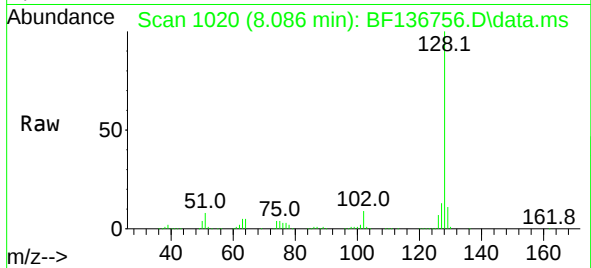
Tgt Ion:180 Resp: 143969
Ion Ratio Lower Upper
180 100
182 94.7 75.4 113.0
145 31.5 23.1 34.7





#31
Naphthalene
Concen: 31.245 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

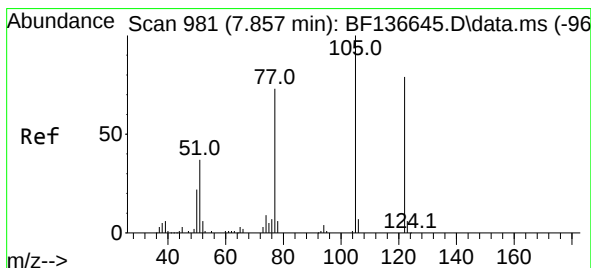
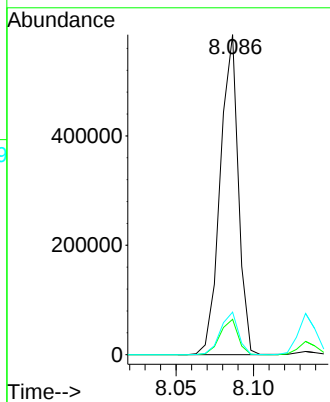
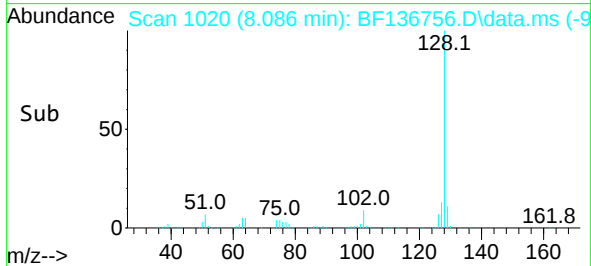
Instrument :
BNA_F
ClientSampleId :
COLTOMS



Tgt Ion:128 Resp: 47585
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.8 16.2

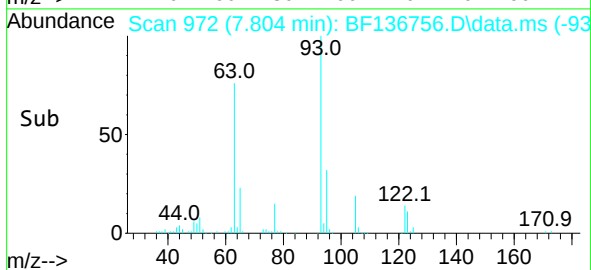
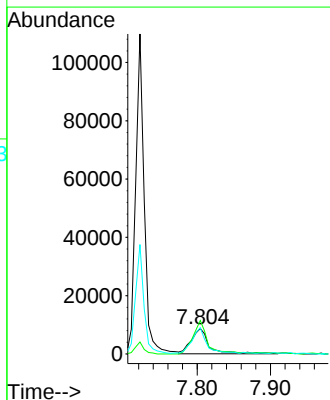
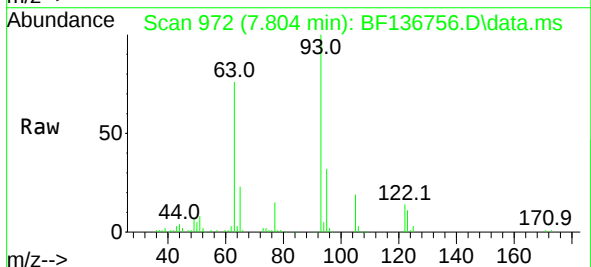
Manual Integrations
APPROVED

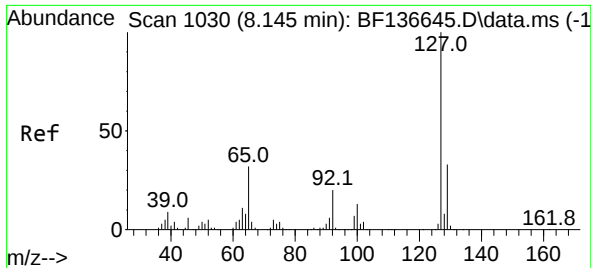
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 4.726 ng m
RT: 7.804 min Scan# 972
Delta R.T. -0.053 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:122 Resp: 14456
Ion Ratio Lower Upper
122 100
105 131.3 100.8 140.8
77 102.9 70.9 110.9





#33
4-Chloroaniline
Concen: 11.530 ng
RT: 8.133 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

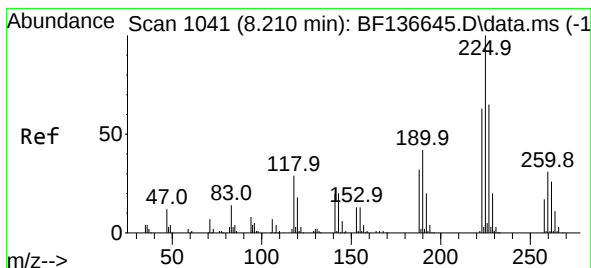
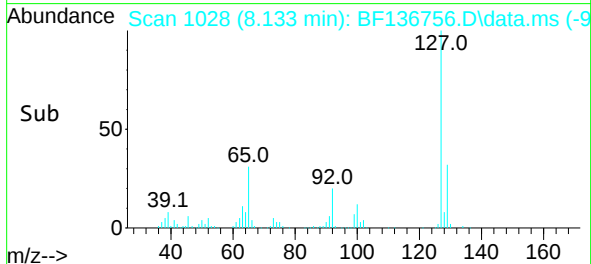
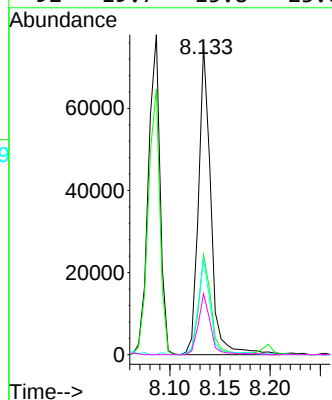
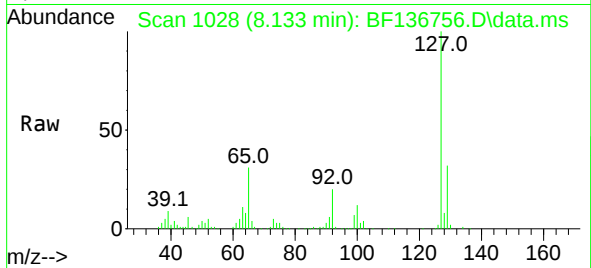
COLTOMS

Tgt Ion:	127	Resp:	6483
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.3	39.5
65	30.6	25.8	38.8
92	19.7	15.8	23.6

Manual Integrations

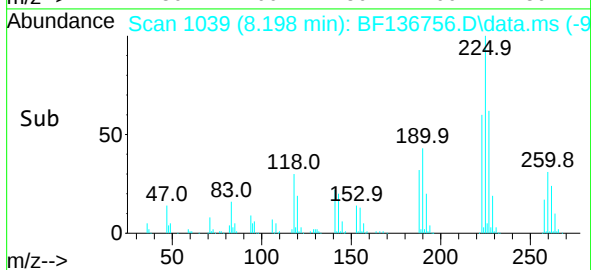
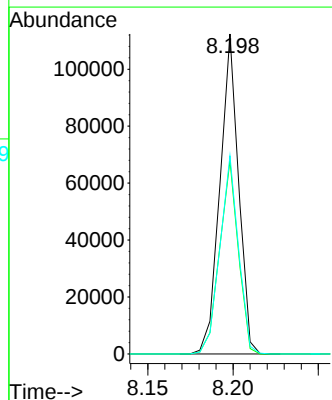
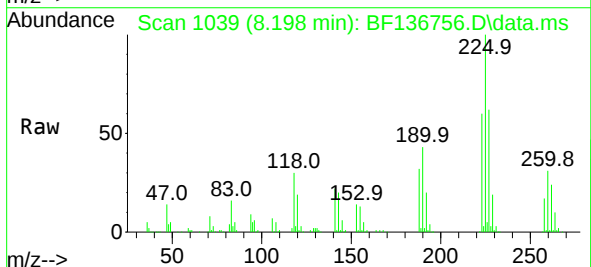
APPROVED

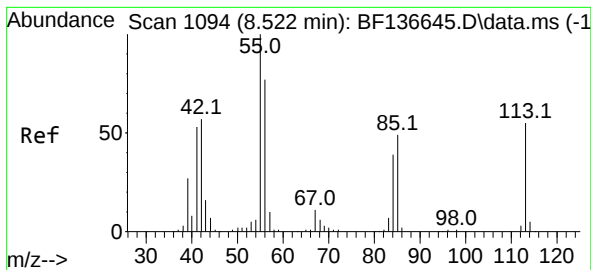
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#34
Hexachlorobutadiene
Concen: 30.952 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:	225	Resp:	85271
Ion Ratio	Lower	Upper	
225	100		
223	60.4	50.6	76.0
227	62.0	51.9	77.9





#35

Caprolactam

Concen: 5.168 ng m

RT: 8.486 min Scan# 1094

Delta R.T. -0.035 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:113 Resp: 6938

Ion Ratio Lower Upper

113 100

55 188.2 163.1 203.1

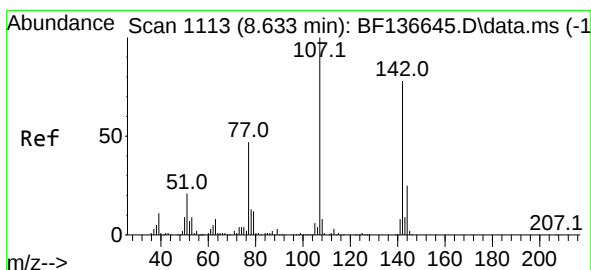
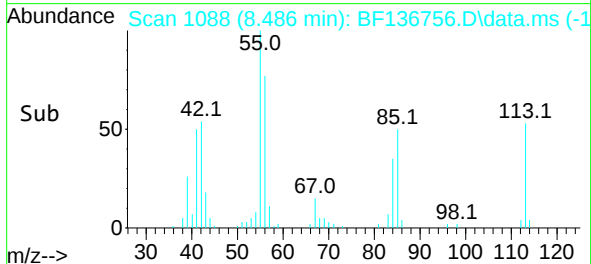
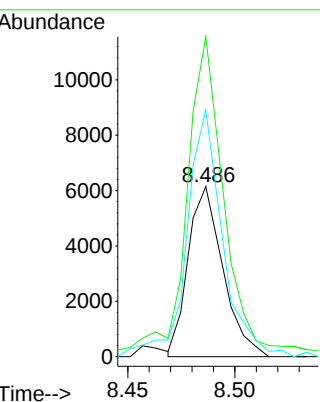
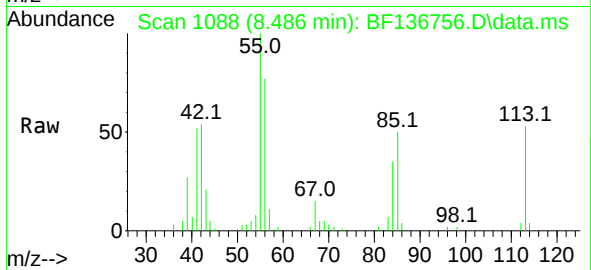
56 145.0 121.7 161.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#36

4-Chloro-3-methylphenol

Concen: 20.927 ng

RT: 8.622 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

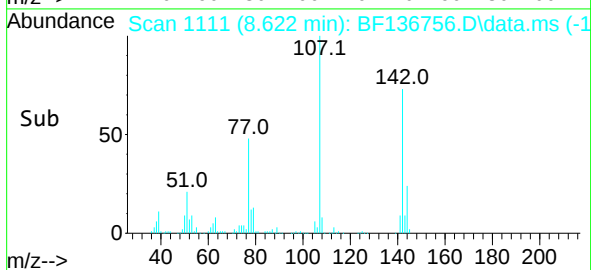
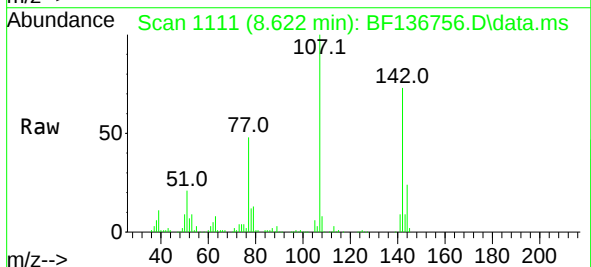
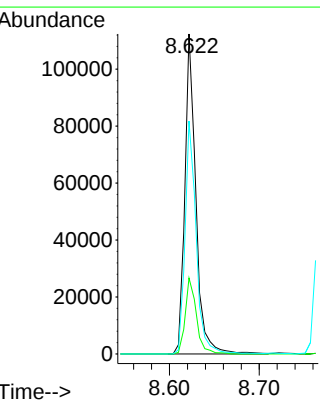
Tgt Ion:107 Resp: 95878

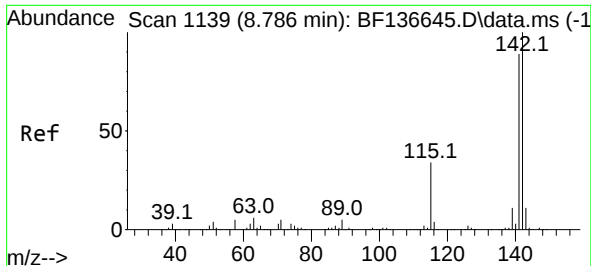
Ion Ratio Lower Upper

107 100

144 23.8 20.2 30.2

142 72.8 62.3 93.5





#37

2-Methylnaphthalene

Concen: 31.004 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:142 Resp: 30389

Ion Ratio Lower Upper

142 100

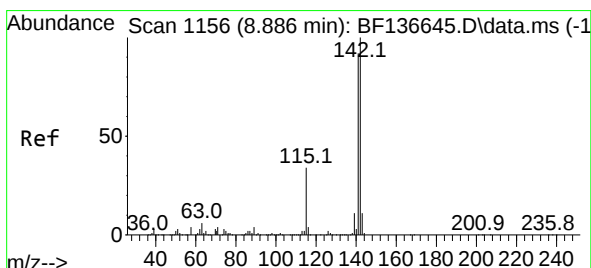
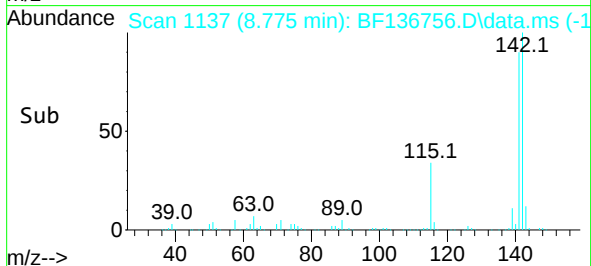
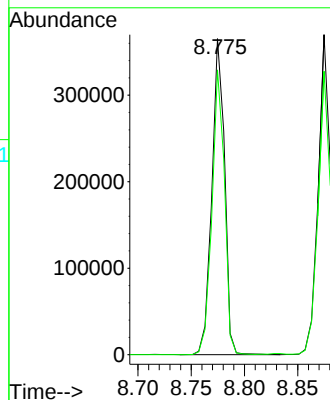
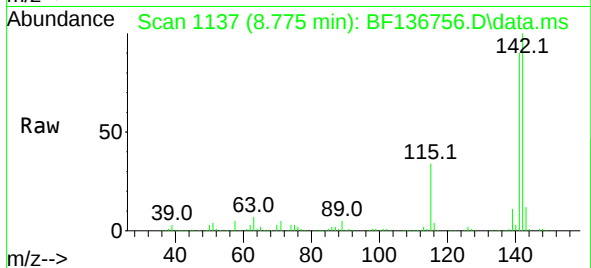
141 90.1 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#38

1-Methylnaphthalene

Concen: 30.612 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136756.D

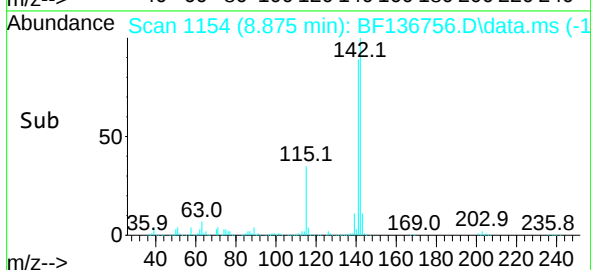
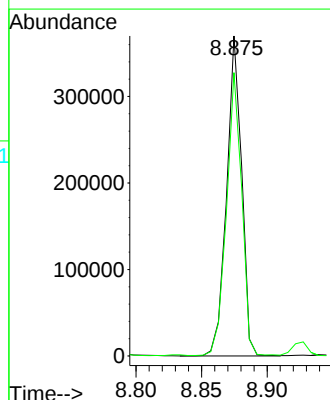
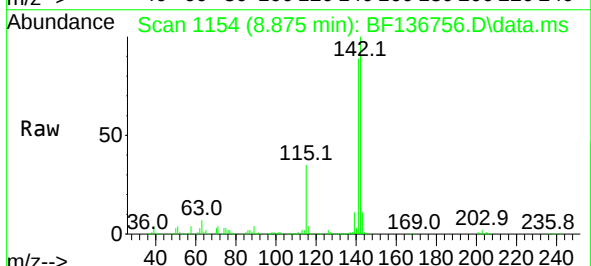
Acq: 27 Dec 2023 13:56

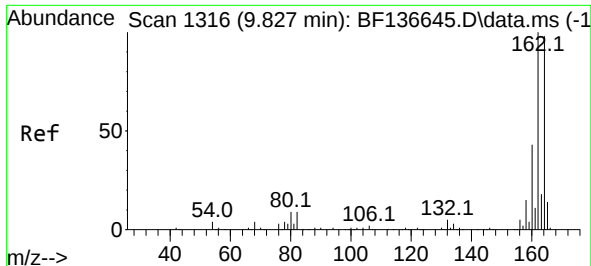
Tgt Ion:142 Resp: 294368

Ion Ratio Lower Upper

142 100

141 88.6 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136756.D

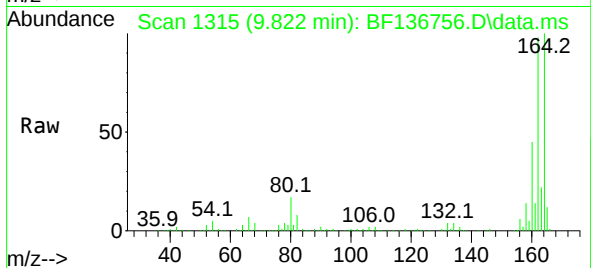
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS



Tgt Ion:164 Resp: 137230

Ion Ratio Lower Upper

164 100

162 98.4 81.6 122.4

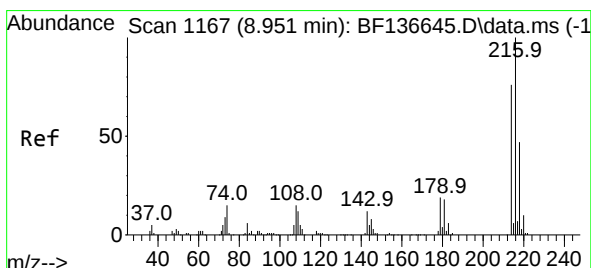
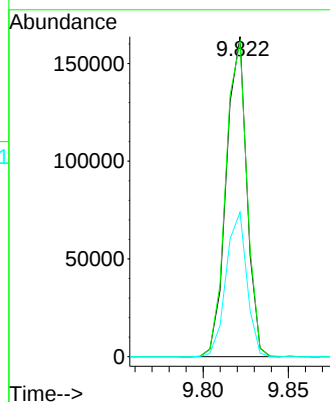
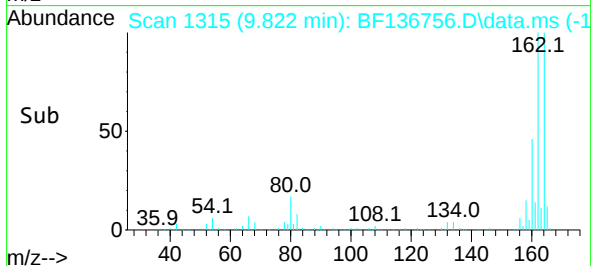
160 45.2 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.069 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Tgt Ion:216 Resp: 153289

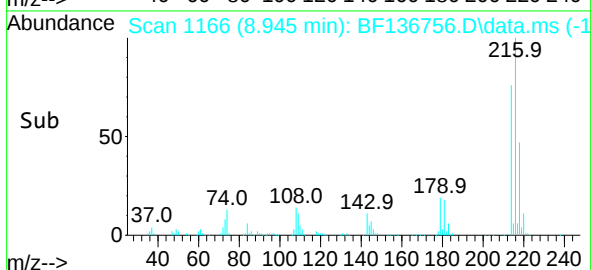
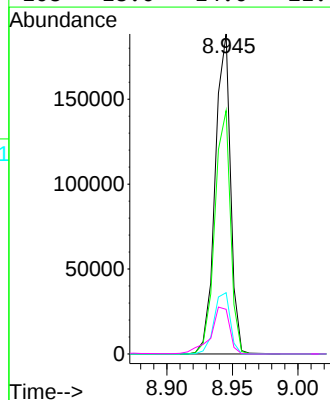
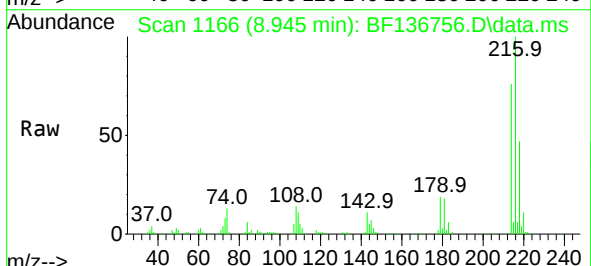
Ion Ratio Lower Upper

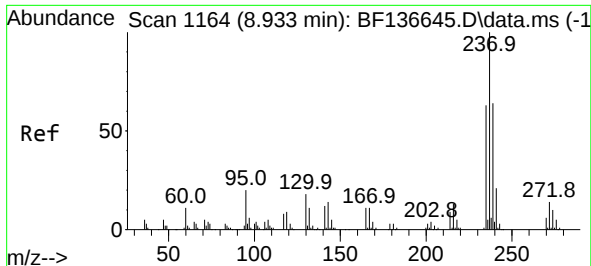
216 100

214 77.6 62.3 93.5

179 20.2 16.4 24.6

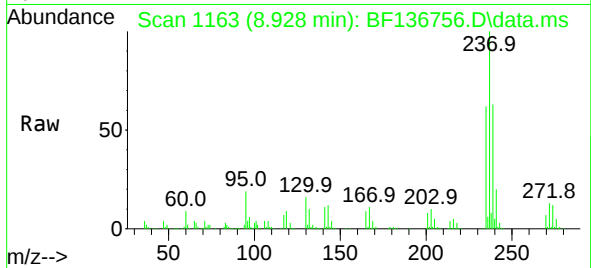
108 18.0 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 82.490 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

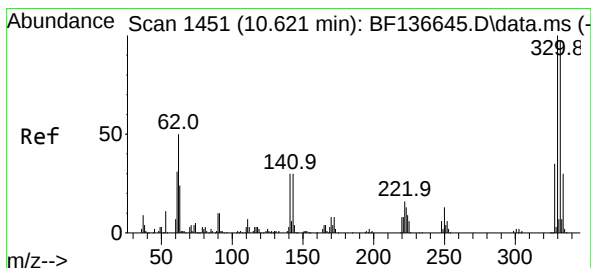
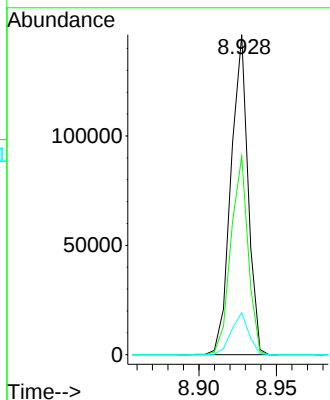
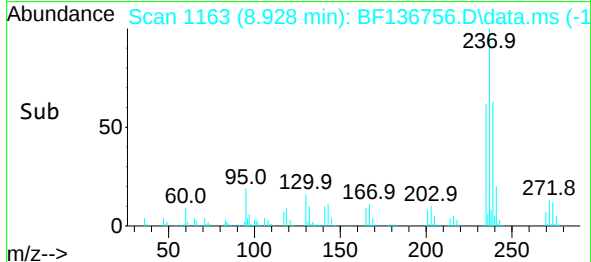
Instrument :
BNA_F
ClientSampleId :
COLTOMS



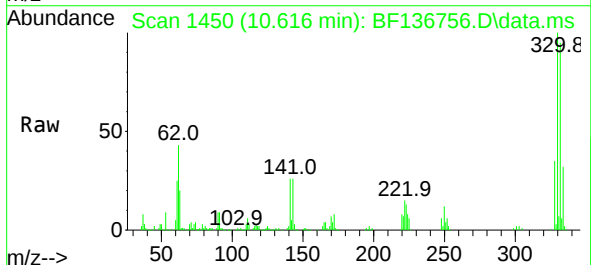
Tgt Ion:237 Resp: 112000
Ion Ratio Lower Upper
237 100
235 62.0 43.2 83.2
272 13.1 0.0 34.2

Manual Integrations
APPROVED

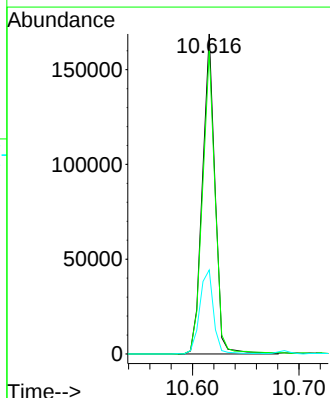
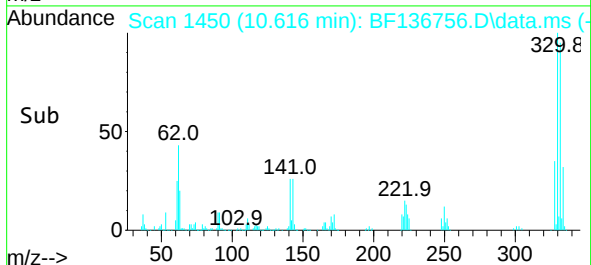
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#42
2,4,6-Tribromophenol
Concen: 85.963 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



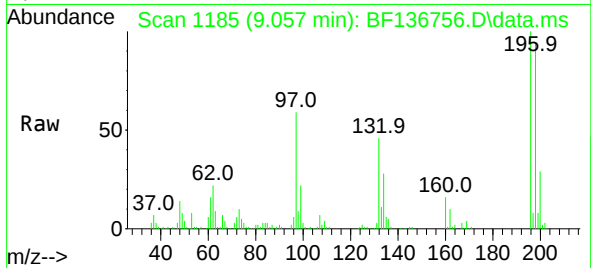
Tgt Ion:330 Resp: 138932
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 29.0 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 24.800 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

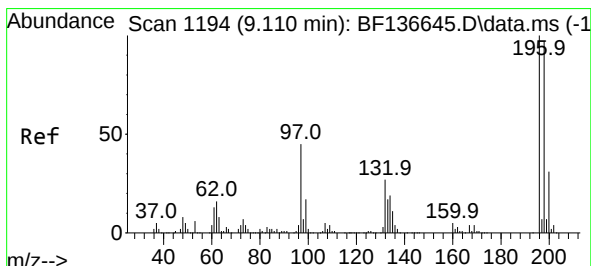
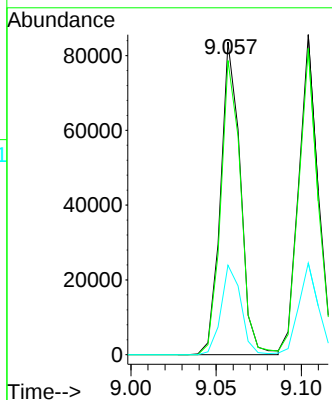
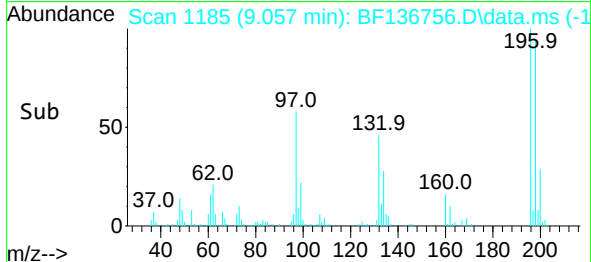
Instrument :
BNA_F
ClientSampleId :
COLTOMS



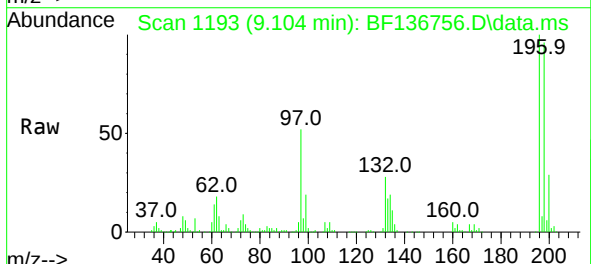
Tgt Ion:196 Resp: 6759
Ion Ratio Lower Upper
196 100
198 94.1 75.1 112.7
200 28.6 22.5 33.7

Manual Integrations
APPROVED

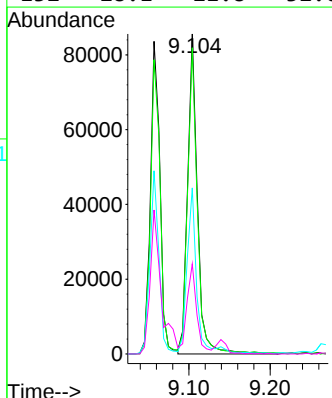
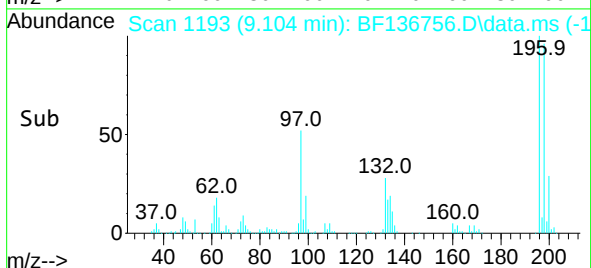
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

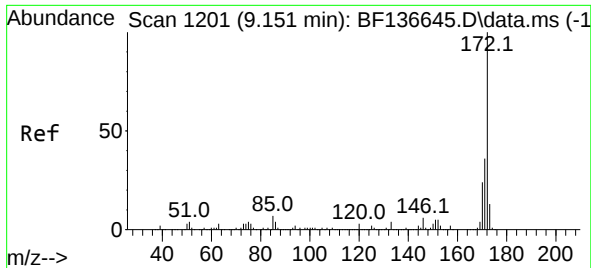


#44
2,4,5-Trichlorophenol
Concen: 23.763 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:196 Resp: 72173
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
97 51.9 36.1 54.1
132 28.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 64.638 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:172 Resp: 659508

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

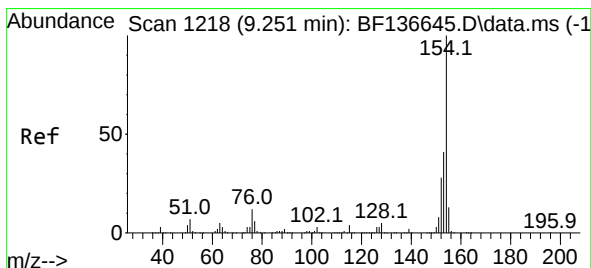
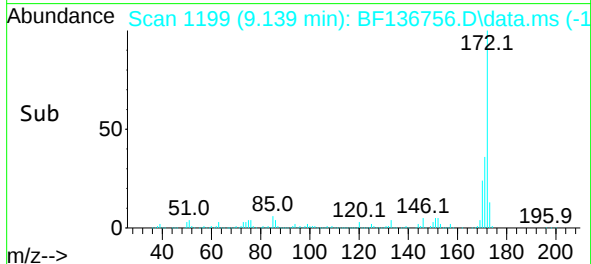
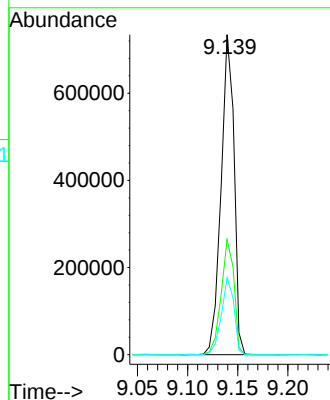
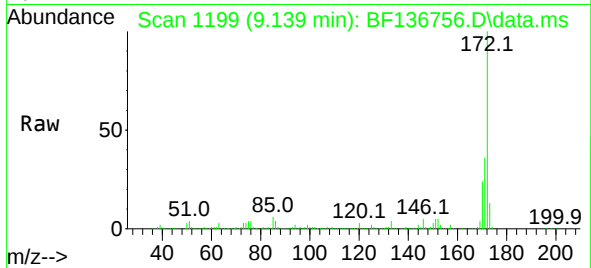
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#46

1,1'-Biphenyl

Concen: 34.658 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

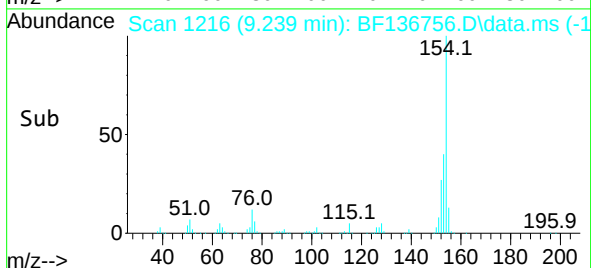
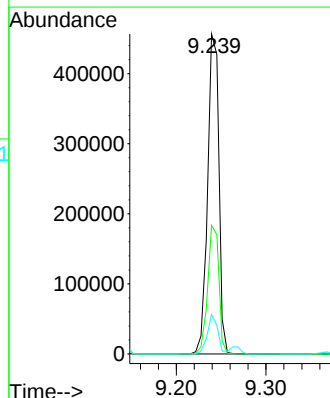
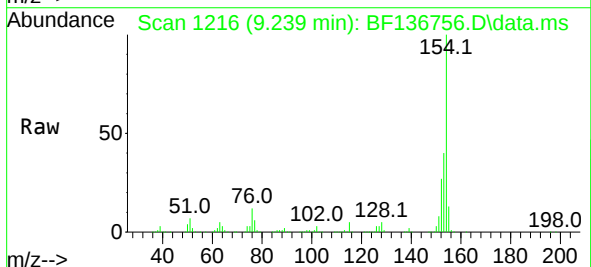
Tgt Ion:154 Resp: 399114

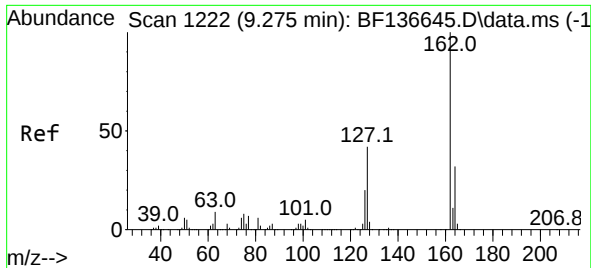
Ion Ratio Lower Upper

154 100

153 40.2 21.1 61.1

76 12.3 0.0 31.7





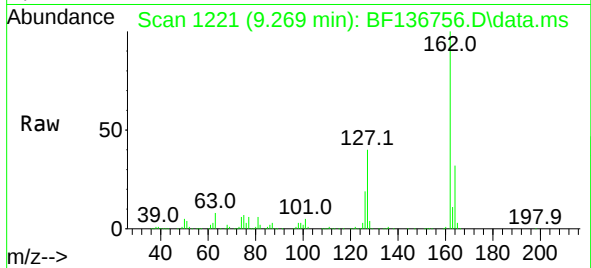
#47
2-Chloronaphthalene
Concen: 32.866 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

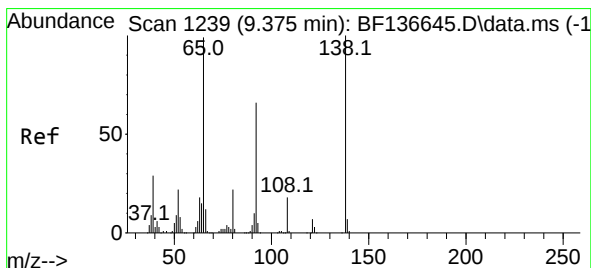
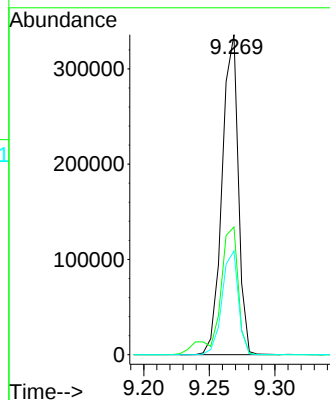
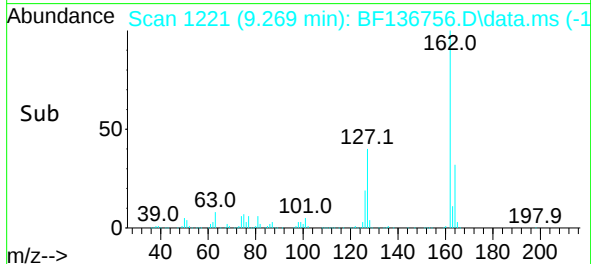


Tgt Ion:162 Resp: 287725
Ion Ratio Lower Upper
162 100
127 39.9 33.6 50.4
164 32.4 25.7 38.5

Manual Integrations

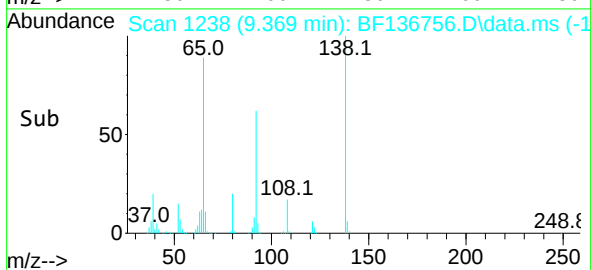
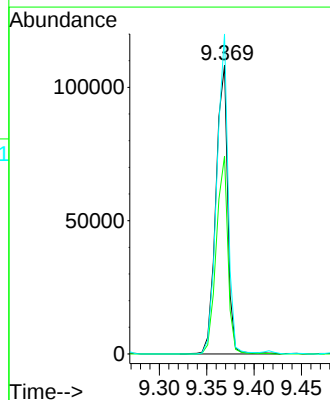
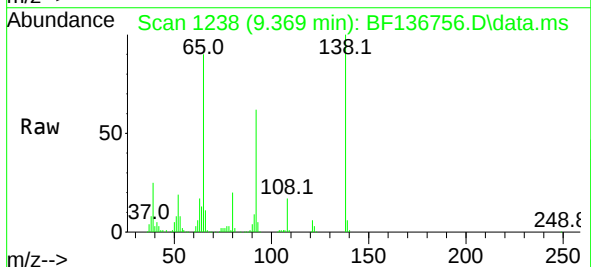
APPROVED

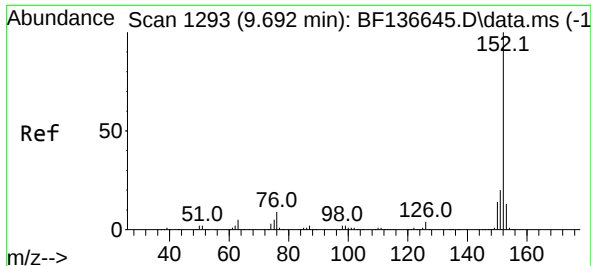
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#48
2-Nitroaniline
Concen: 34.299 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion: 65 Resp: 94029
Ion Ratio Lower Upper
65 100
92 68.5 53.2 79.8
138 110.9 81.1 121.7





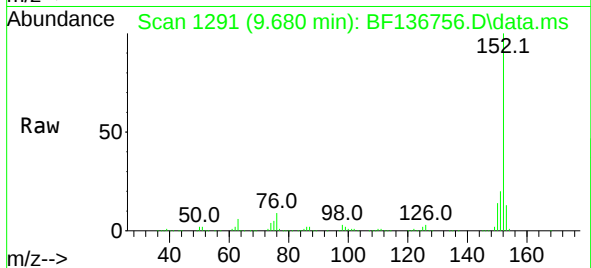
#49
Acenaphthylene
Concen: 35.855 ng
RT: 9.680 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

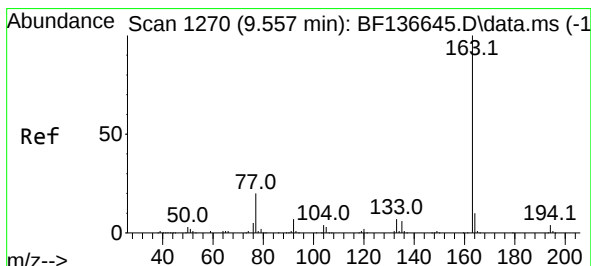
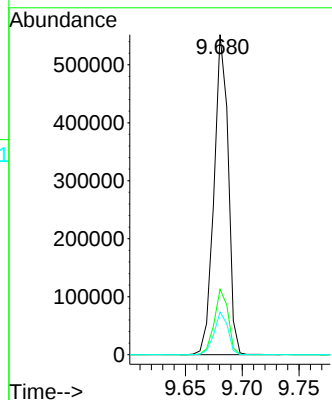
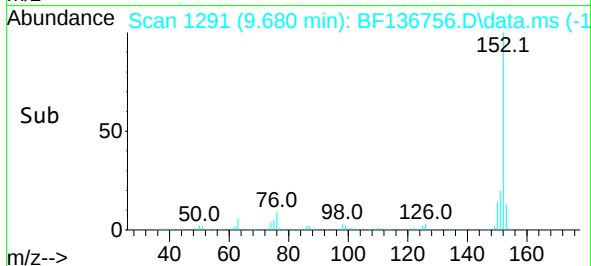


Tgt Ion:152 Resp: 479775
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 10.2 15.2

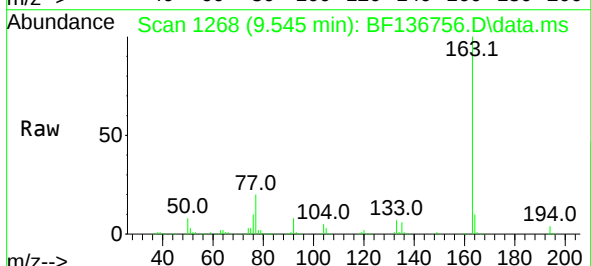
Manual Integrations

APPROVED

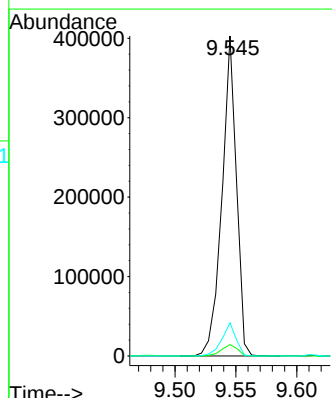
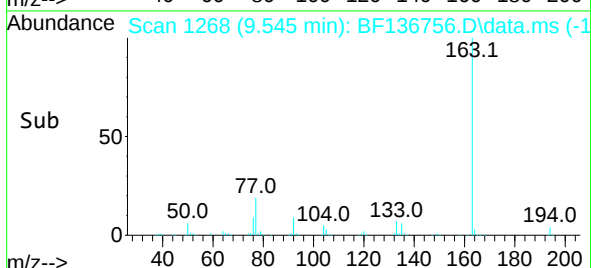
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

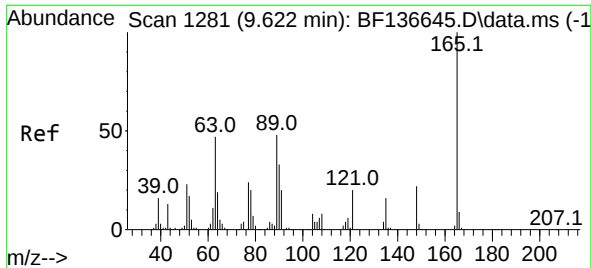


#50
Dimethylphthalate
Concen: 33.252 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:163 Resp: 333304
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.4 7.8 11.6





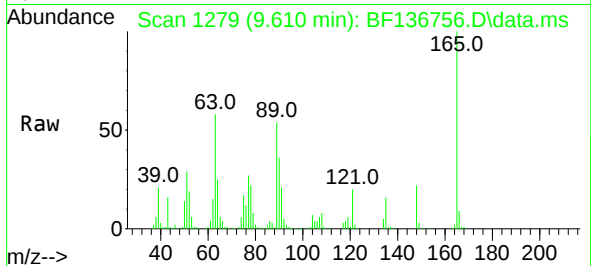
#51
2,6-Dinitrotoluene
Concen: 32.921 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

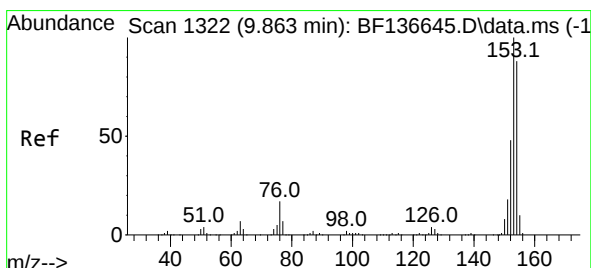
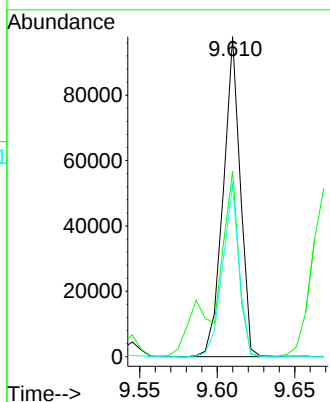
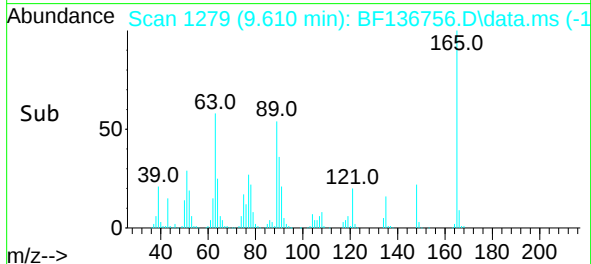


Tgt Ion:165 Resp: 74890
Ion Ratio Lower Upper
165 100
63 58.0 39.8 59.6
89 53.7 38.8 58.2

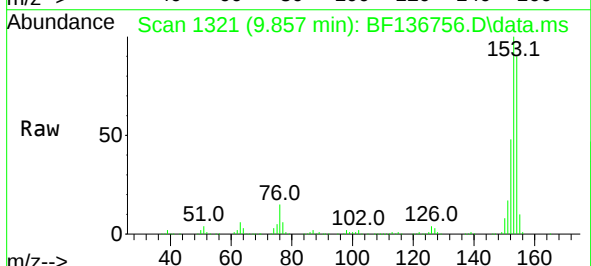
Manual Integrations

APPROVED

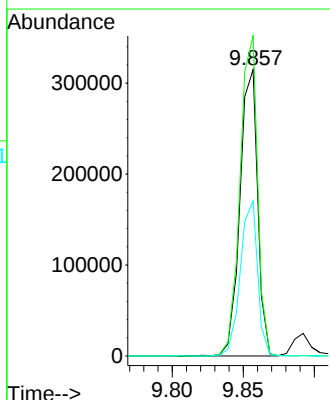
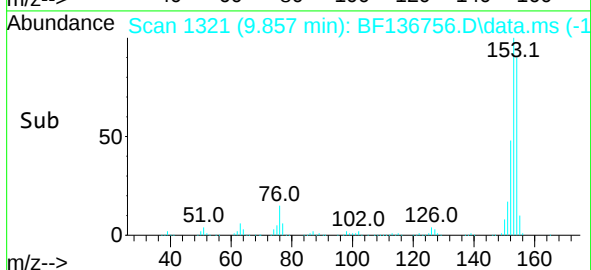
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

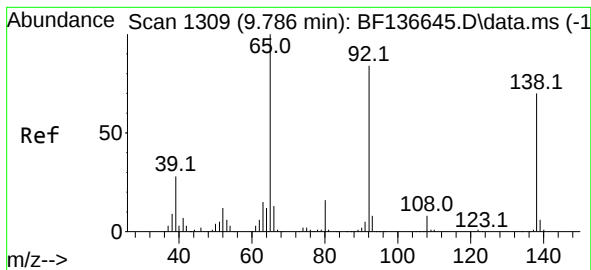


#52
Acenaphthene
Concen: 32.999 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:154 Resp: 273713
Ion Ratio Lower Upper
154 100
153 111.7 90.7 136.1
152 54.1 43.7 65.5





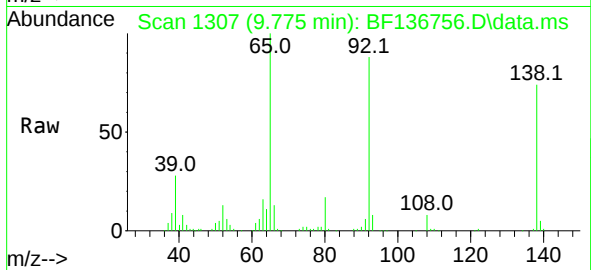
#53
3-Nitroaniline
Concen: 17.119 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

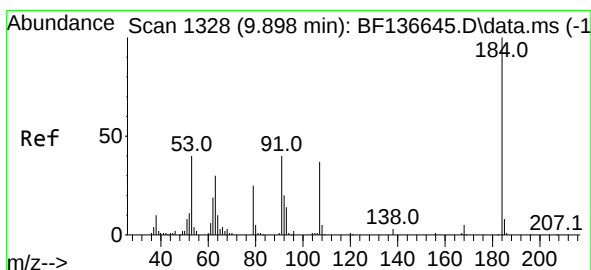
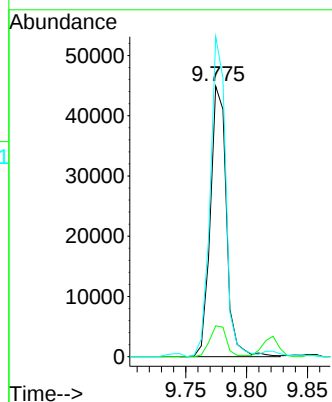
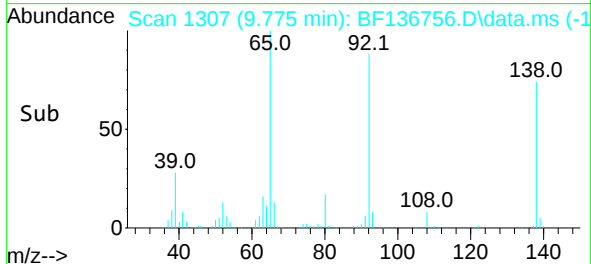
COLTOMS



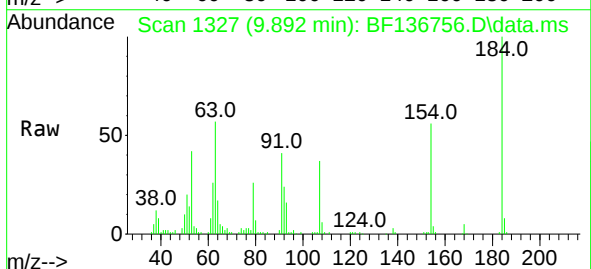
Tgt Ion:138 Resp: 4125
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 118.4 95.2 142.8

Manual Integrations
APPROVED

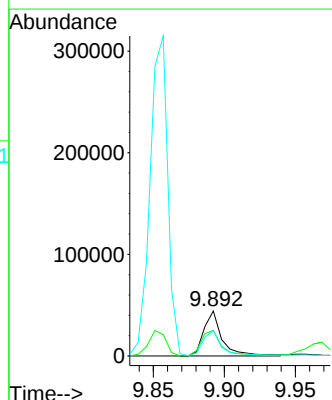
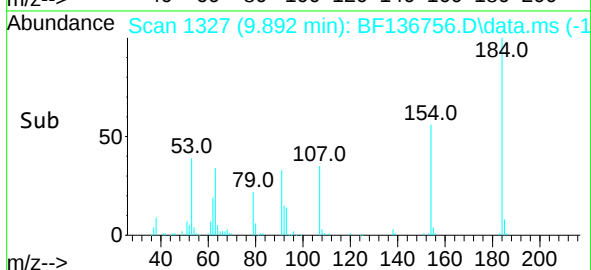
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

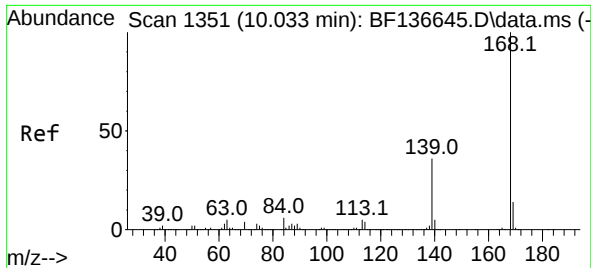


#54
2,4-Dinitrophenol
Concen: 33.809 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



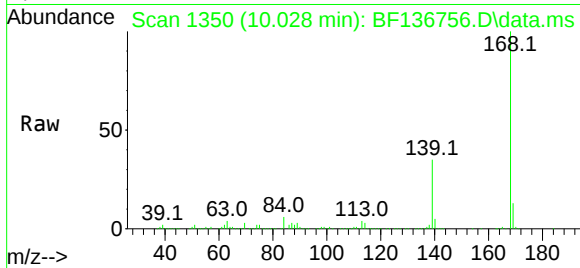
Tgt Ion:184 Resp: 39774
Ion Ratio Lower Upper
184 100
63 57.1 40.9 61.3
154 56.1 42.7 64.1





#55
Dibenzenofuran
Concen: 33.329 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

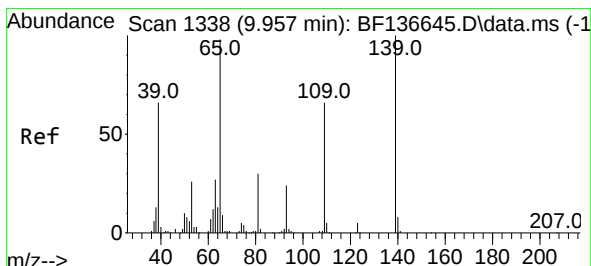
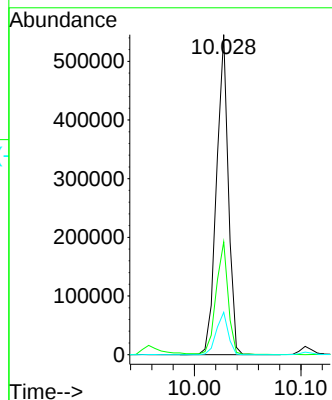
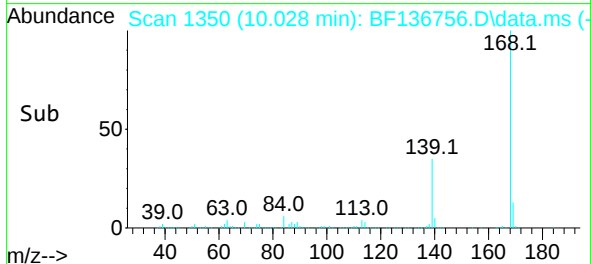
Instrument :
BNA_F
Client SampleId :
COLTOMS



Tgt Ion:168 Resp: 41906
Ion Ratio Lower Upper
168 100
139 35.3 29.3 43.9
169 13.3 11.0 16.4

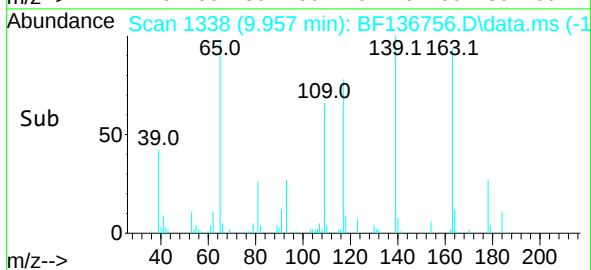
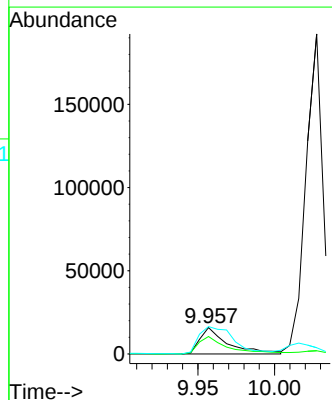
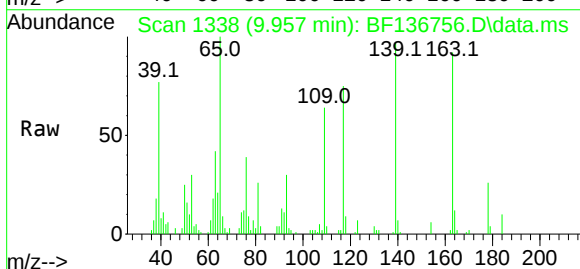
Manual Integrations
APPROVED

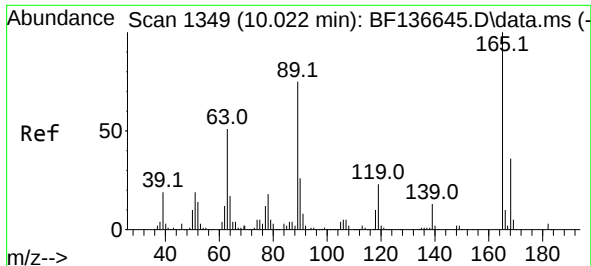
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#56
4-Nitrophenol
Concen: 12.340 ng m
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:139 Resp: 20075
Ion Ratio Lower Upper
139 100
109 65.9 45.8 85.8
65 103.6 77.8 117.8





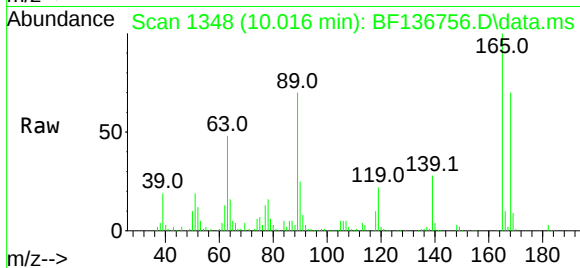
#57
2,4-Dinitrotoluene
Concen: 31.835 ng
RT: 10.016 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

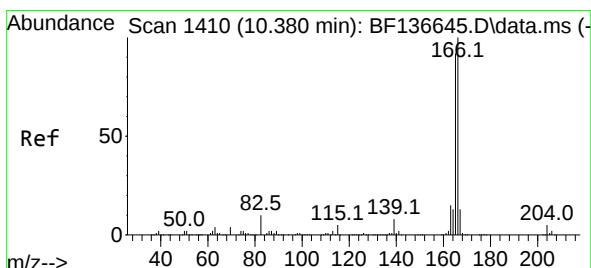
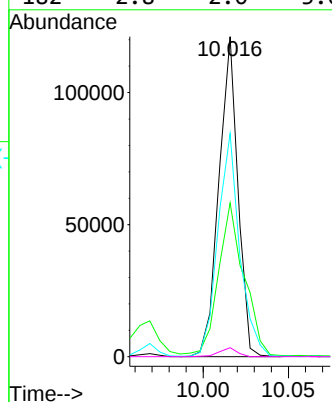


Tgt Ion:165 Resp: 9401
Ion Ratio Lower Upper
165 100
63 48.1 41.0 61.6
89 69.8 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations

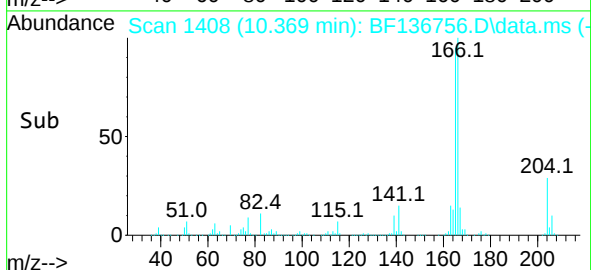
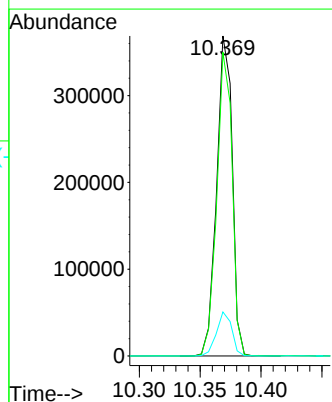
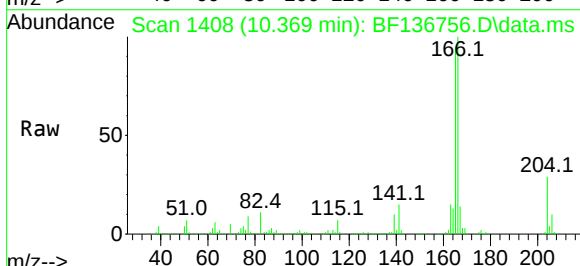
APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#58
Fluorene
Concen: 32.909 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

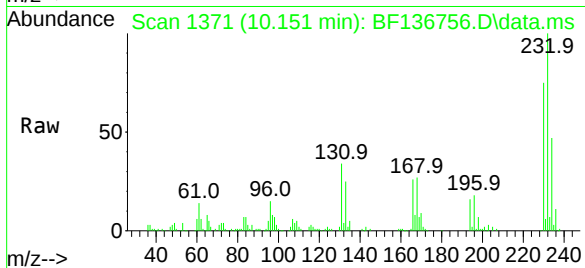
Tgt Ion:166 Resp: 328322
Ion Ratio Lower Upper
166 100
165 94.9 73.7 110.5
167 13.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 23.998 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

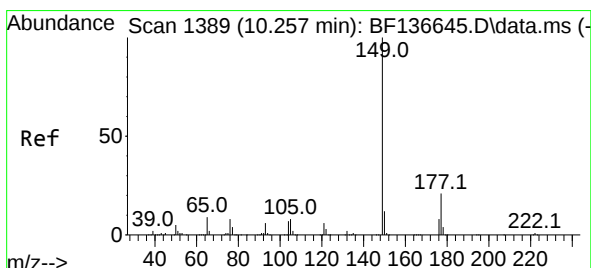
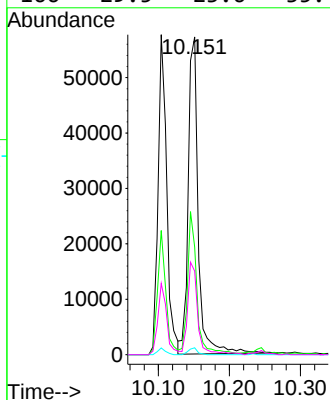
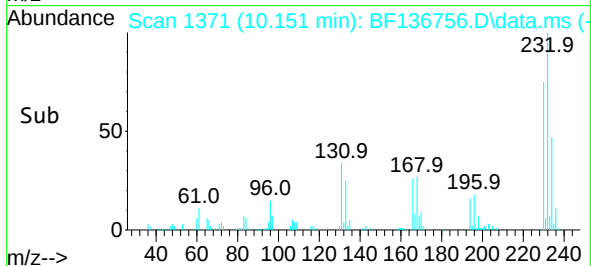
Instrument :
BNA_F
ClientSampleId :
COLTOMS



Tgt Ion:232 Resp: 5610
Ion Ratio Lower Upper
232 100
131 41.0 35.1 52.7
130 2.0 1.6 2.4
166 29.5 23.6 35.4

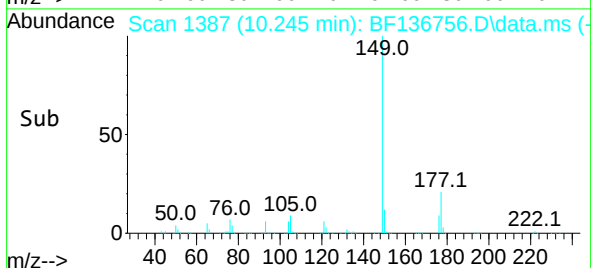
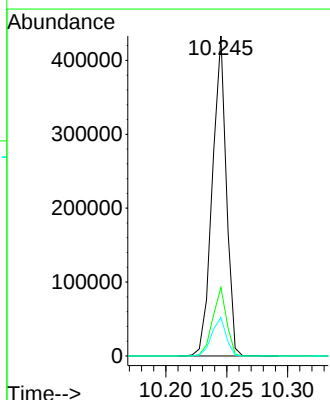
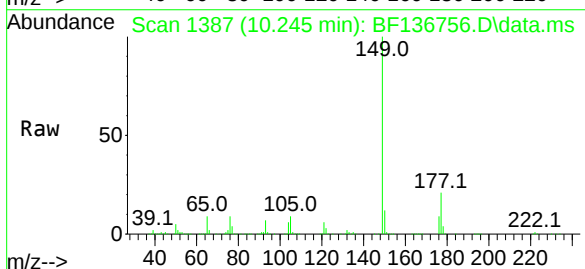
Manual Integrations
APPROVED

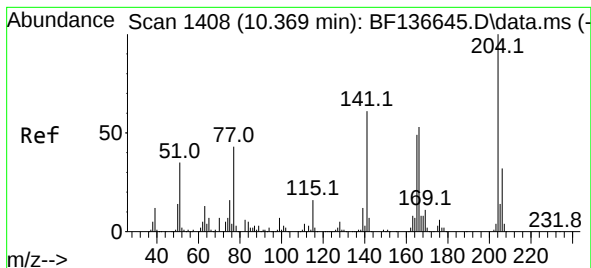
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#60
Diethylphthalate
Concen: 33.153 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

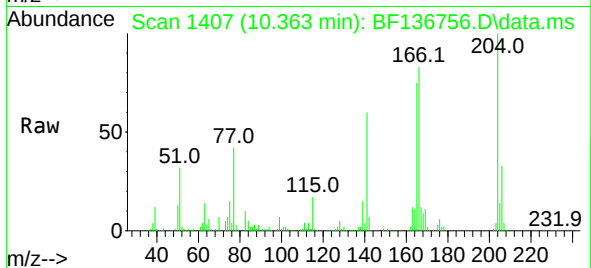
Tgt Ion:149 Resp: 344791
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.0 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 32.162 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

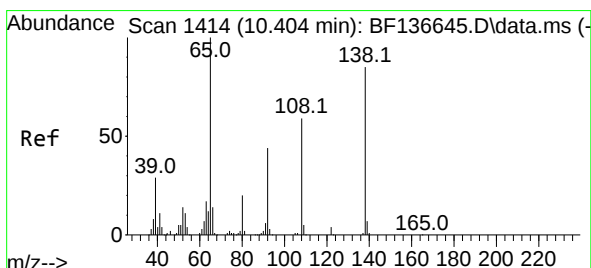
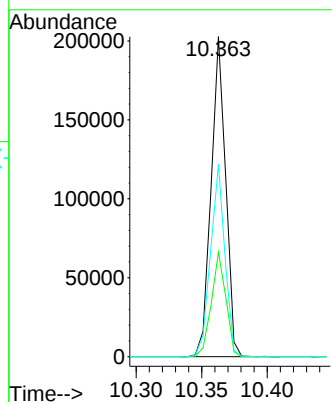
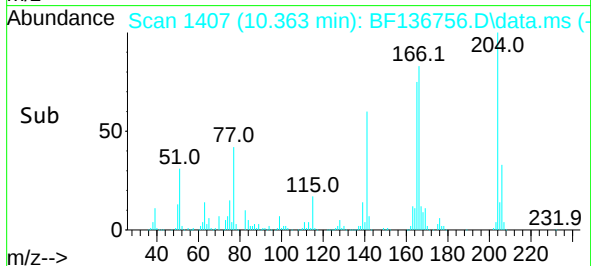
Instrument :
BNA_F
ClientSampleId :
COLTOMS



Tgt Ion:204 Resp: 155963
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 60.1 48.4 72.6

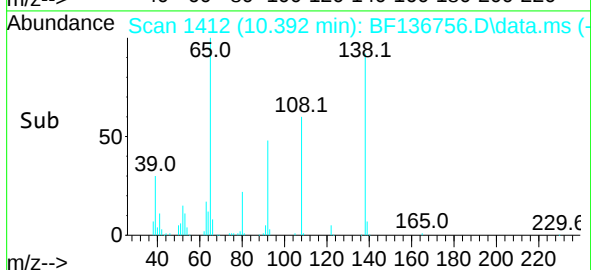
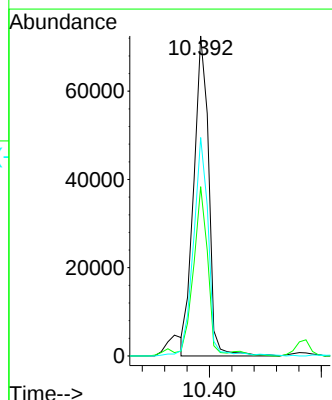
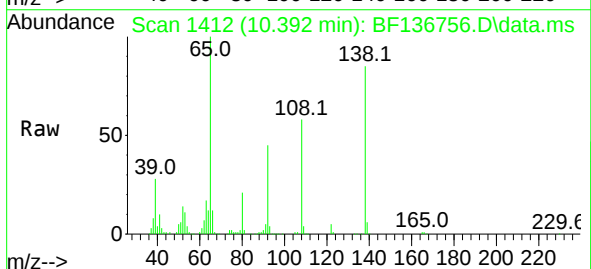
Manual Integrations
APPROVED

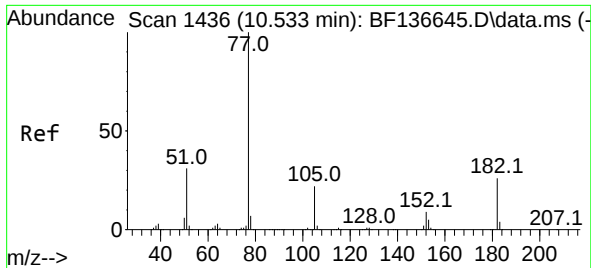
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#62
4-Nitroaniline
Concen: 29.218 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

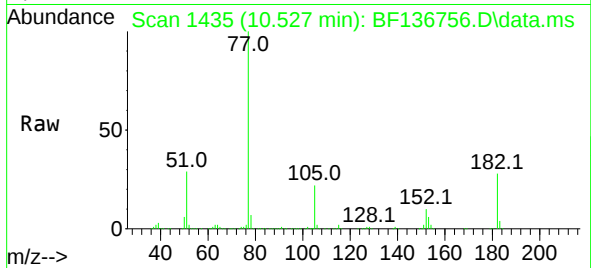
Tgt Ion:138 Resp: 67876
Ion Ratio Lower Upper
138 100
92 52.9 32.1 72.1
108 68.2 50.1 90.1





#63
Azobenzene
Concen: 32.893 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

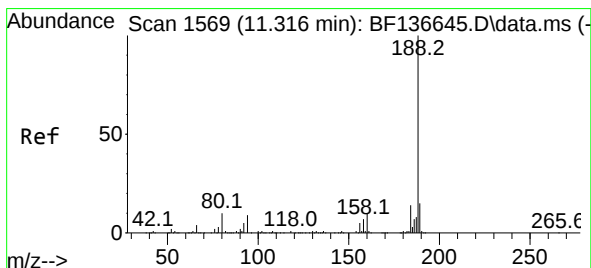
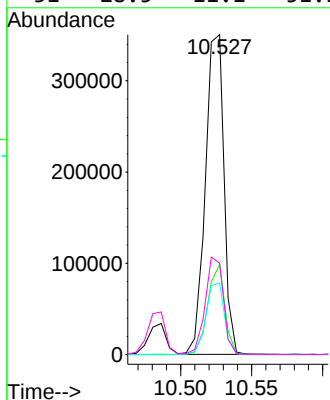
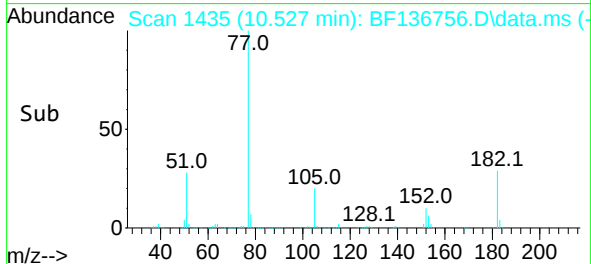
Instrument :
BNA_F
ClientSampleId :
COLTOMS



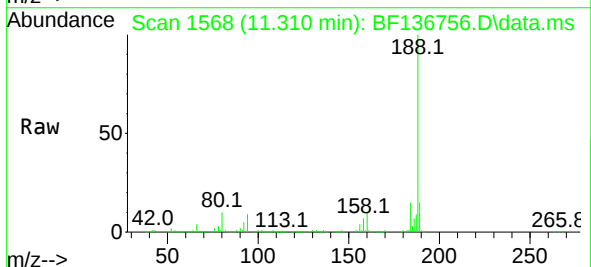
Tgt Ion: 77 Resp: 31951
Ion Ratio Lower Upper
77 100
182 28.2 6.0 46.0
105 22.4 2.3 42.3
51 28.5 11.1 51.1

Manual Integrations
APPROVED

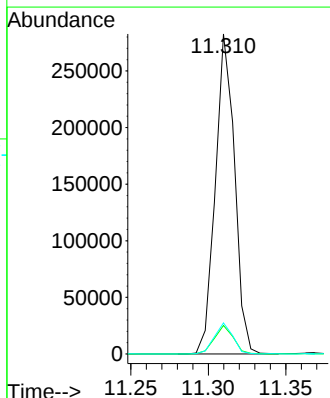
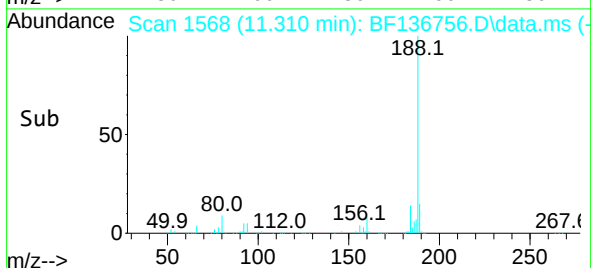
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

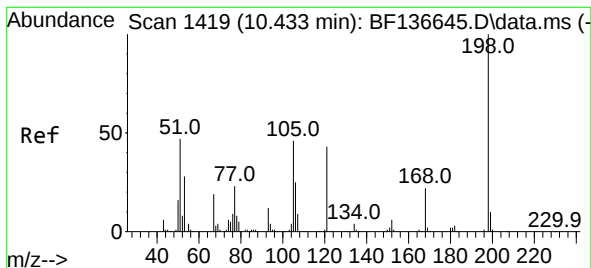


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56



Tgt Ion:188 Resp: 243937
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.7 8.1 12.1





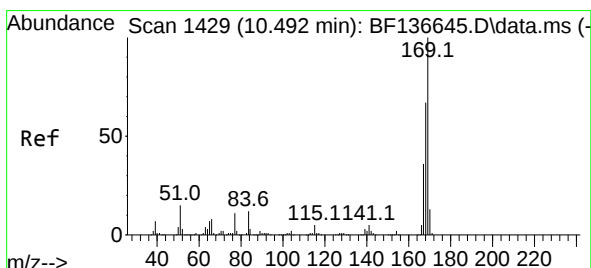
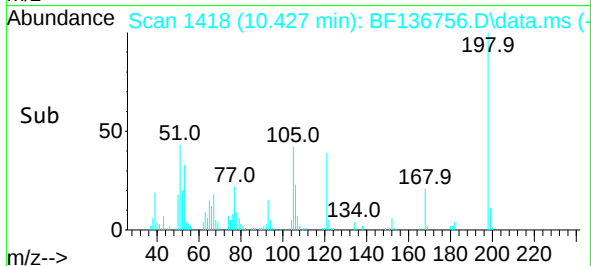
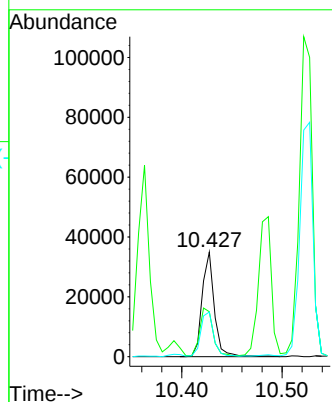
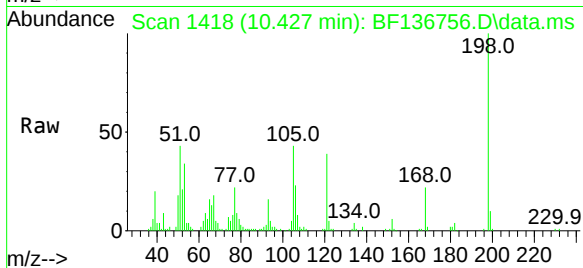
#65
4,6-Dinitro-2-methylphenol
Concen: 21.309 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :
BNA_F
ClientSampleId :
COLTOMS

Tgt Ion:198 Resp: 29790
Ion Ratio Lower Upper
198 100
51 43.0 34.1 74.1
105 42.7 27.3 67.3

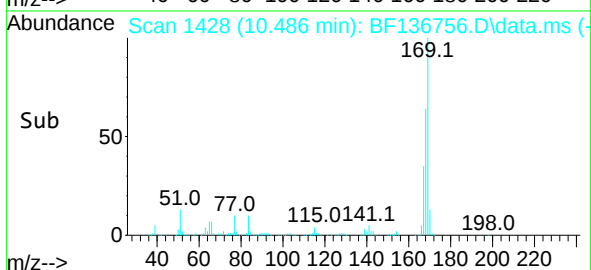
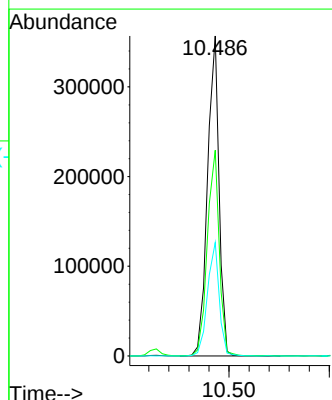
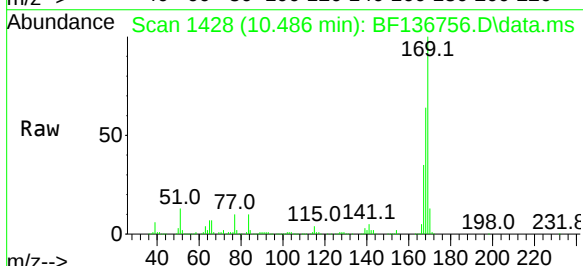
Manual Integrations
APPROVED

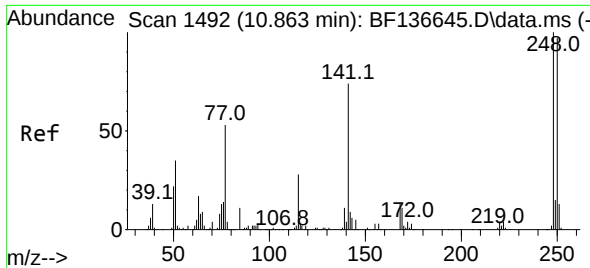
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#66
n-Nitrosodiphenylamine
Concen: 36.095 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:169 Resp: 286020
Ion Ratio Lower Upper
169 100
168 64.3 53.8 80.6
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 35.048 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

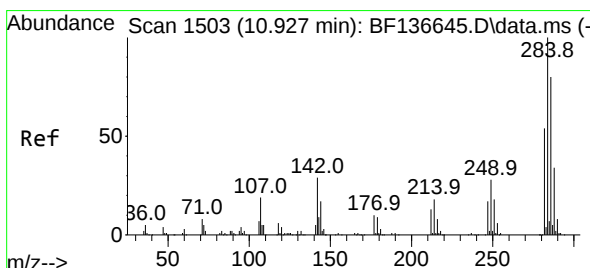
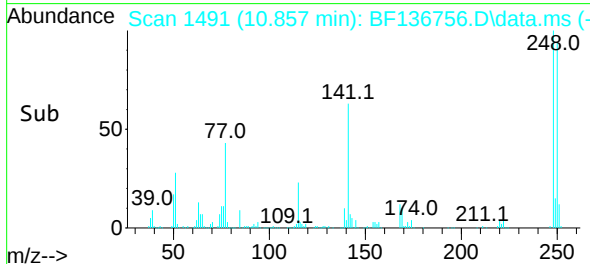
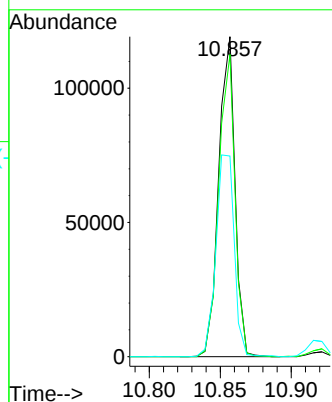
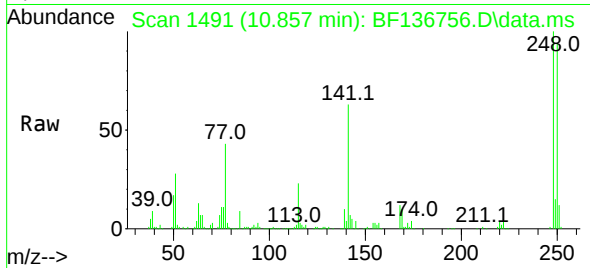
COLTOMS

Tgt Ion:248 Resp: 94948
Ion Ratio Lower Upper
248 100
250 94.5 77.8 116.6
141 62.7 59.2 88.8

Manual Integrations

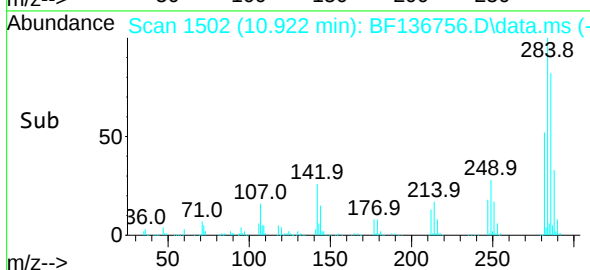
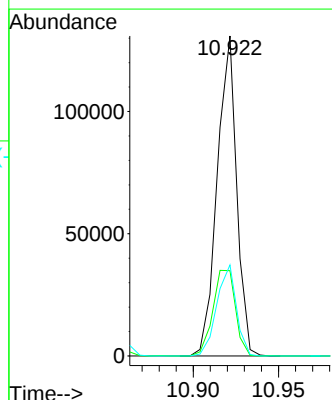
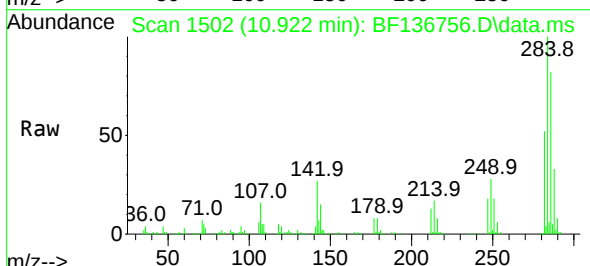
APPROVED

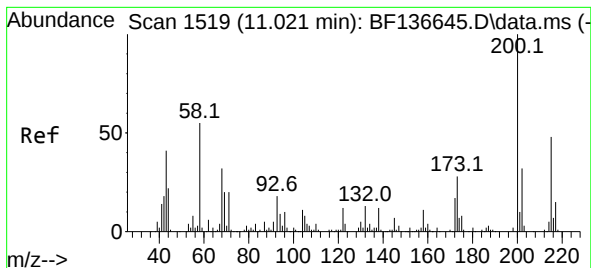
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#68
Hexachlorobenzene
Concen: 34.510 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:284 Resp: 104186
Ion Ratio Lower Upper
284 100
142 26.7 23.4 35.0
249 28.4 22.3 33.5





#69

Atrazine

Concen: 45.148 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:200 Resp: 91504

Ion Ratio Lower Upper

200 100

173 29.0 7.6 47.6

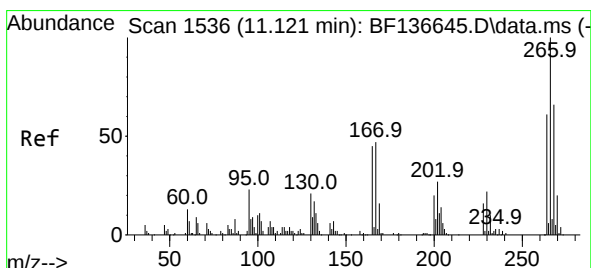
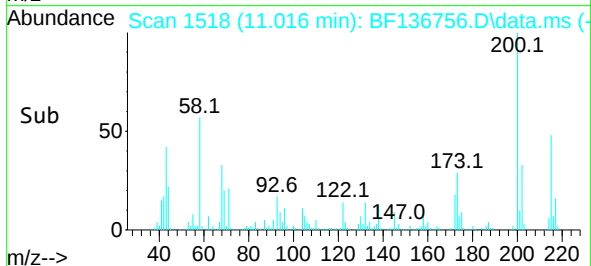
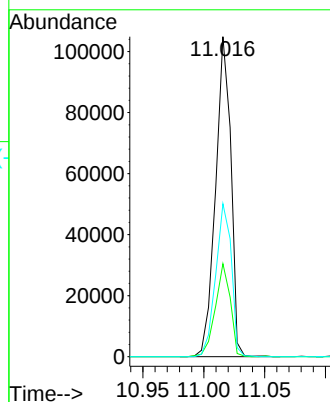
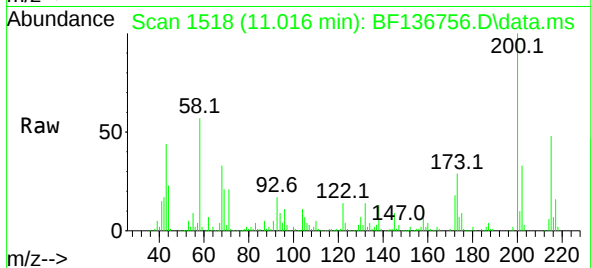
215 47.8 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#70

Pentachlorophenol

Concen: 39.813 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

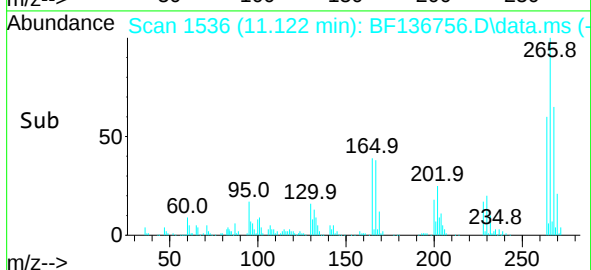
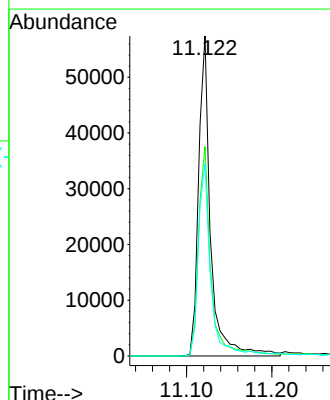
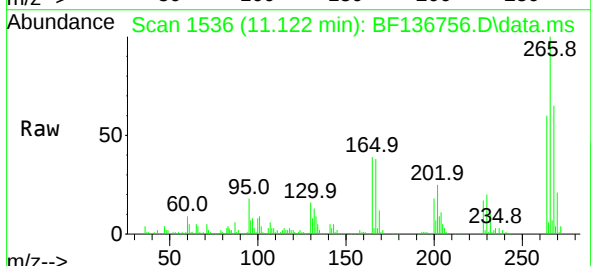
Tgt Ion:266 Resp: 56026

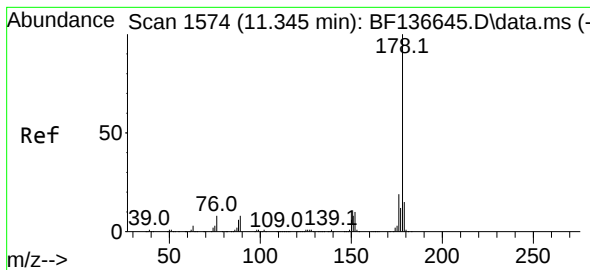
Ion Ratio Lower Upper

266 100

268 65.5 52.6 78.8

264 60.1 49.0 73.4





#71

Phenanthrene

Concen: 34.650 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:178 Resp: 433699

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

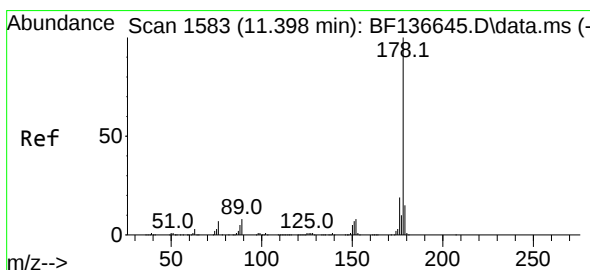
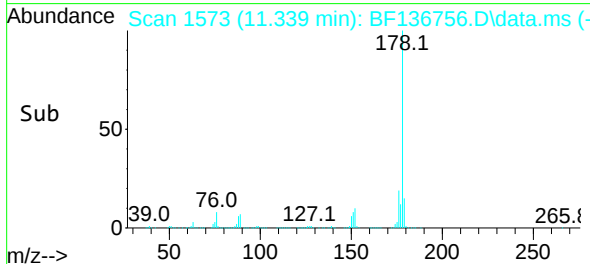
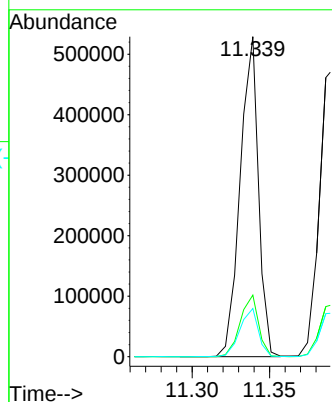
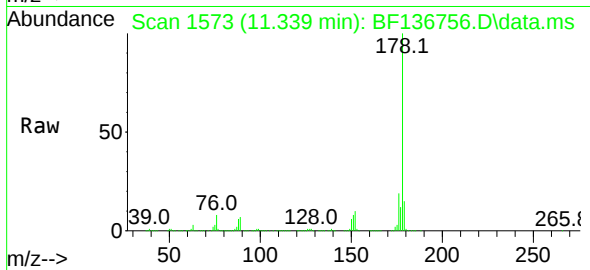
179 15.0 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#72

Anthracene

Concen: 34.558 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

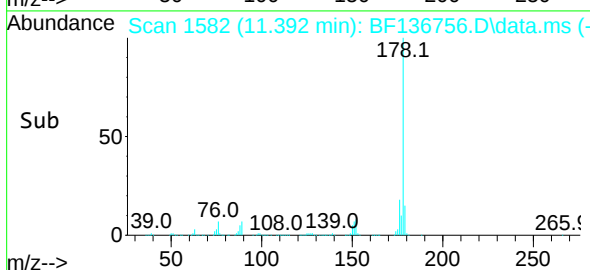
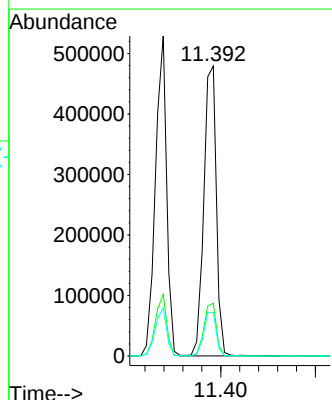
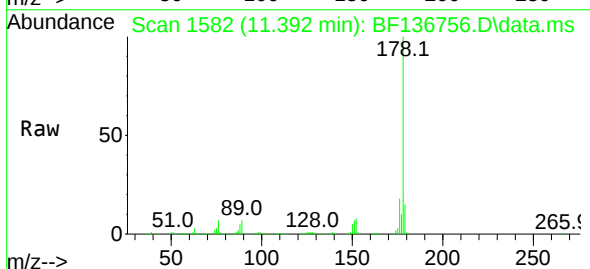
Tgt Ion:178 Resp: 438057

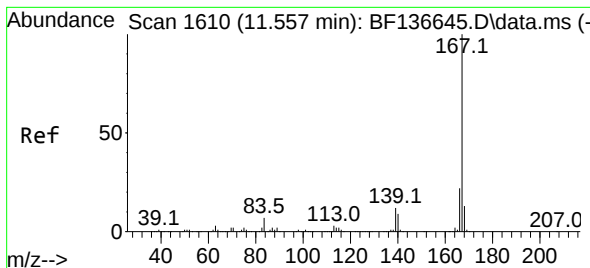
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.0 11.8 17.6





#73

Carbazole

Concen: 31.860 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136756.D

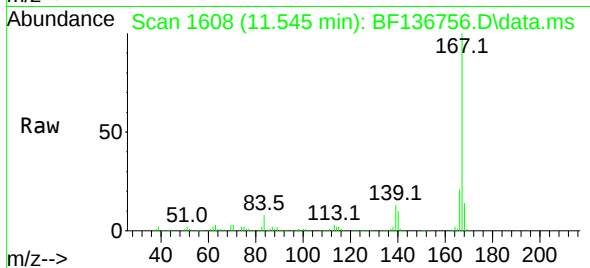
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS



Tgt Ion:167 Resp: 380762

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

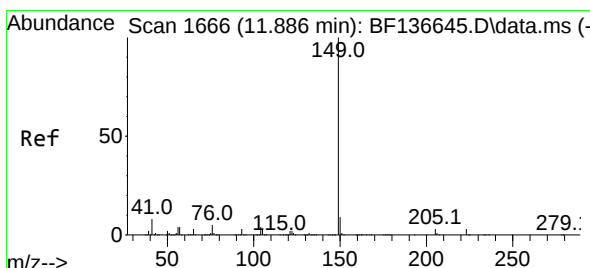
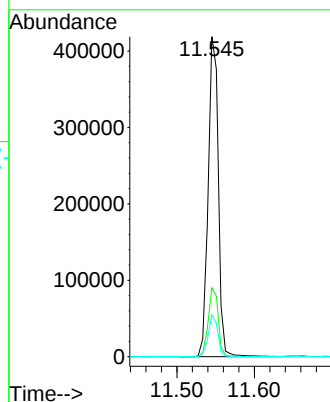
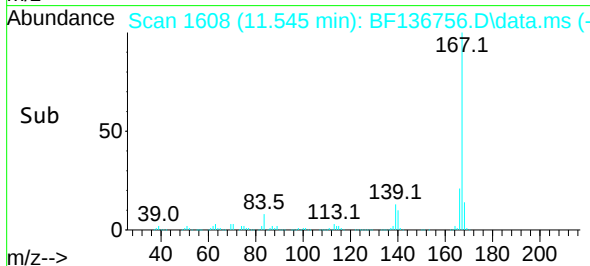
139 13.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#74

Di-n-butylphthalate

Concen: 35.485 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

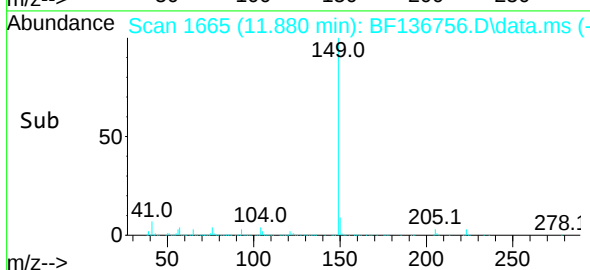
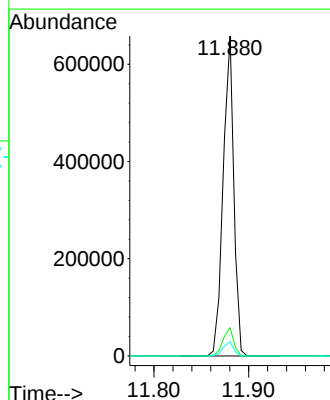
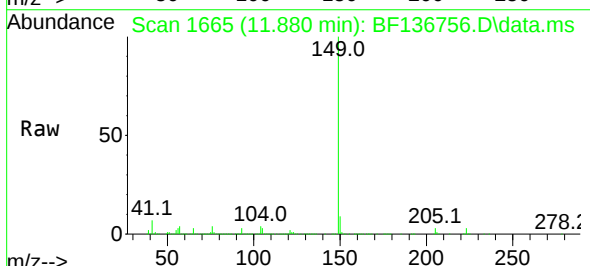
Tgt Ion:149 Resp: 517484

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

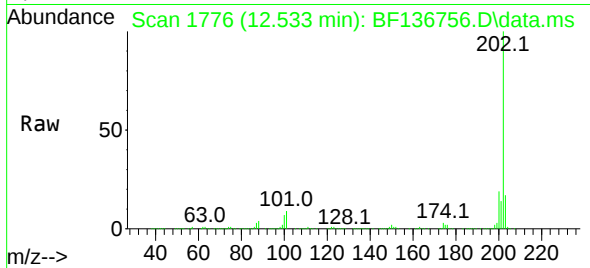
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 30.210 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

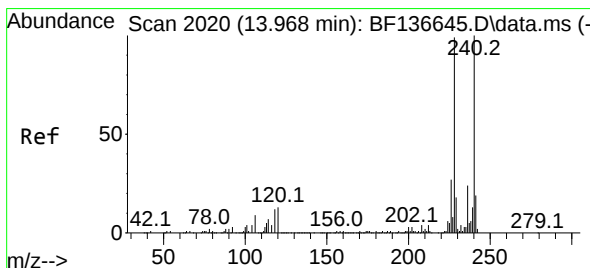
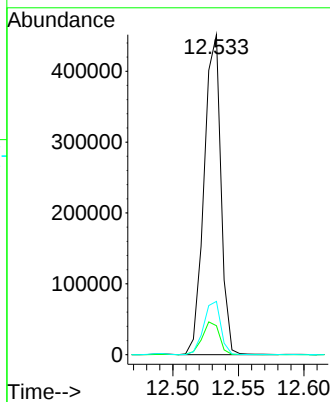
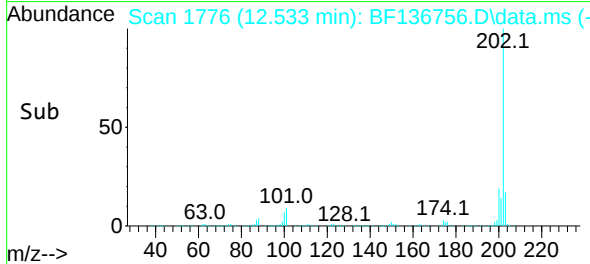
Instrument :
BNA_F
ClientSampleId :
COLTOMS



Tgt Ion:202 Resp: 404460
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.3
203 16.7 0.0 37.1

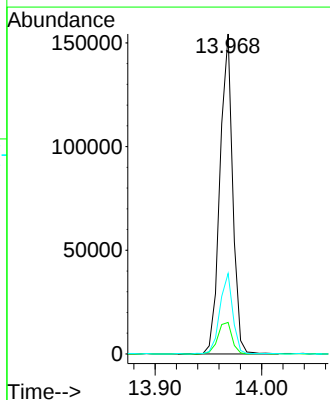
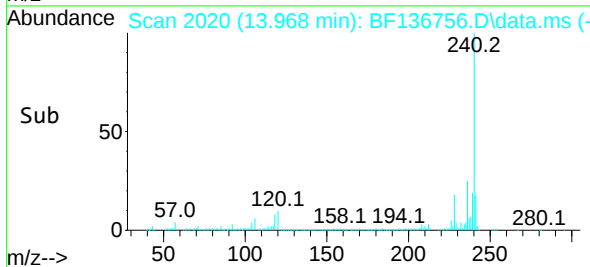
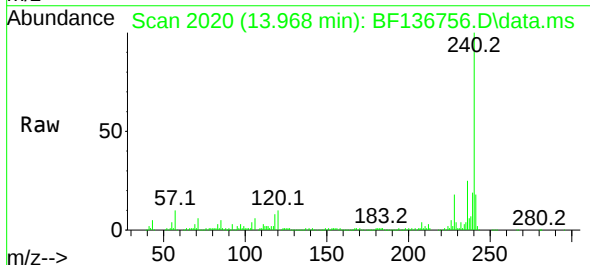
Manual Integrations
APPROVED

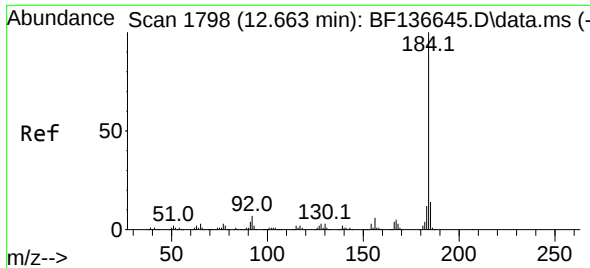
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

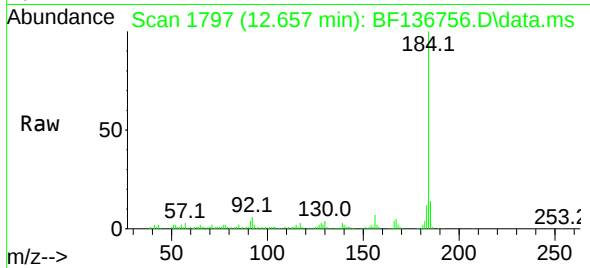
Tgt Ion:240 Resp: 127780
Ion Ratio Lower Upper
240 100
120 9.8 10.3 15.5#
236 25.2 19.4 29.2





#77
Benzidine
Concen: 28.085 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

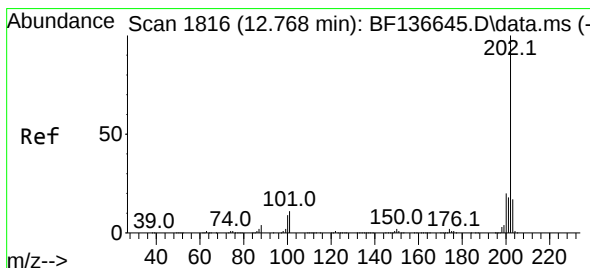
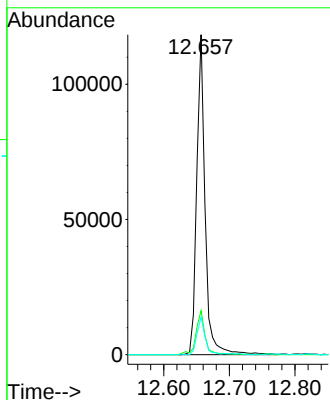
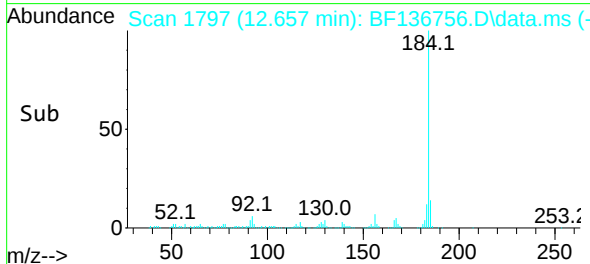
Instrument :
BNA_F
ClientSampleId :
COLTOMS



Tgt Ion:184 Resp: 105814
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.8 9.3 13.9

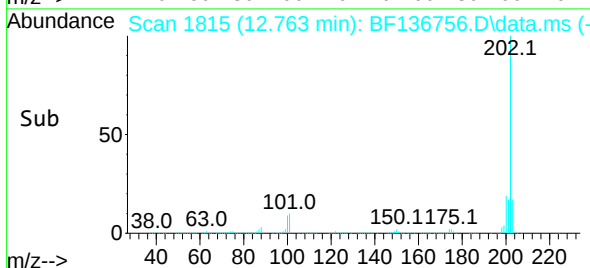
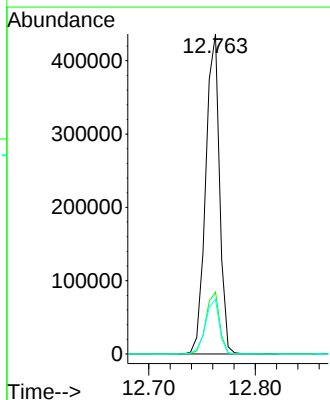
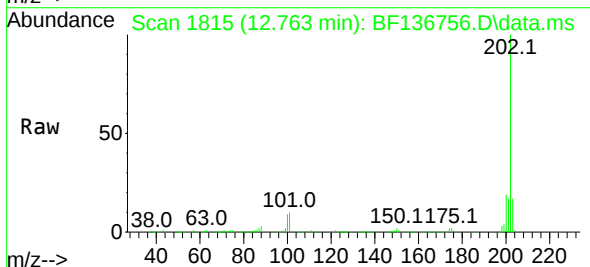
Manual Integrations
APPROVED

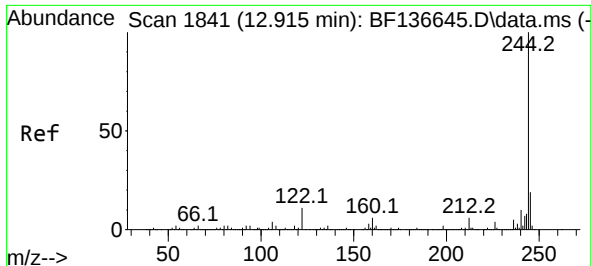
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#78
Pyrene
Concen: 31.469 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

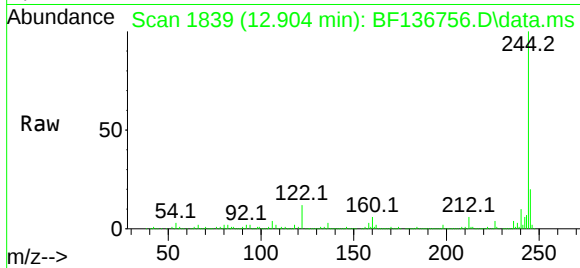
Tgt Ion:202 Resp: 394745
Ion Ratio Lower Upper
202 100
200 19.4 15.9 23.9
203 17.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 65.587 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136756.D
 Acq: 27 Dec 2023 13:56

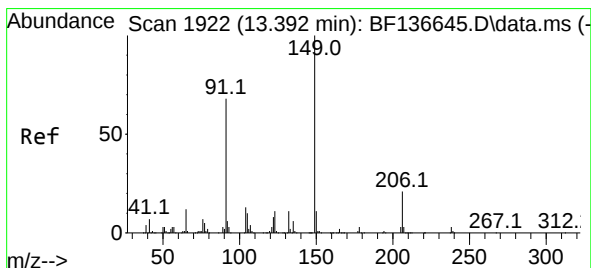
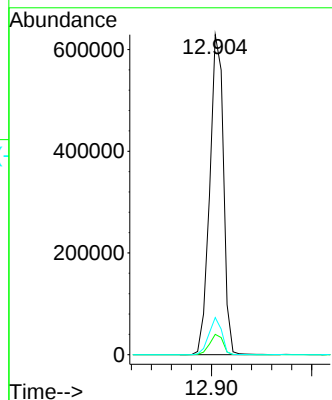
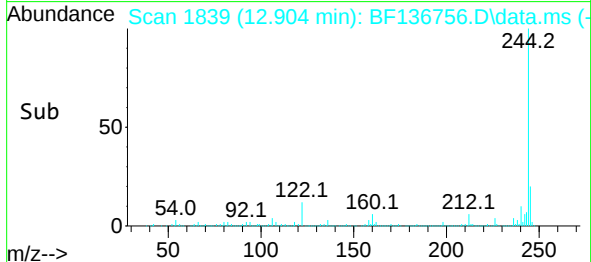
Instrument :
 BNA_F
 ClientSampleId :
 COLTOMS



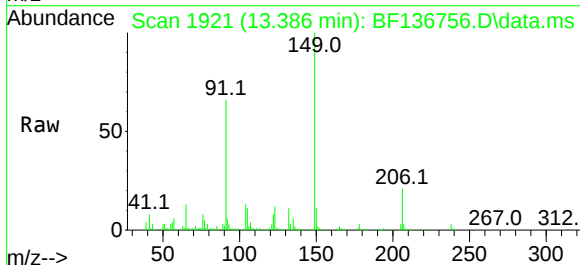
Tgt Ion:244 Resp: 59971
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.6 9.0 13.4

Manual Integrations
 APPROVED

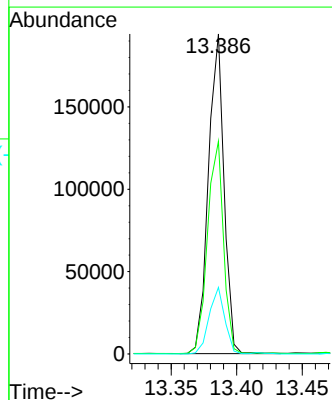
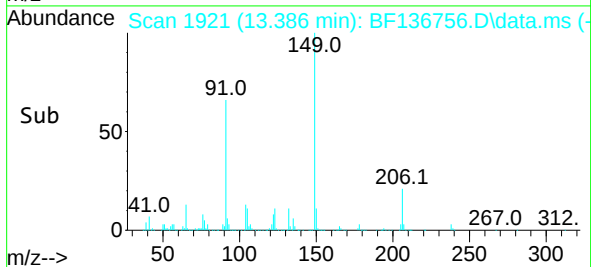
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

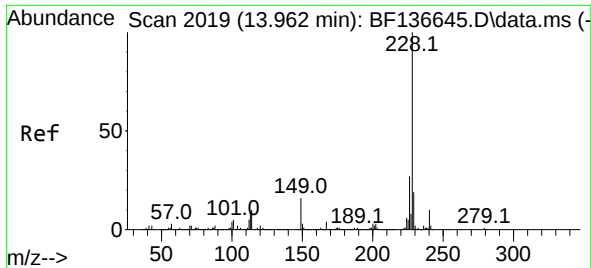


#80
 Butylbenzylphthalate
 Concen: 35.286 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136756.D
 Acq: 27 Dec 2023 13:56



Tgt Ion:149 Resp: 161058
 Ion Ratio Lower Upper
 149 100
 91 66.4 54.1 81.1
 206 20.8 17.1 25.7





#81
Benzo(a)anthracene
Concen: 33.054 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

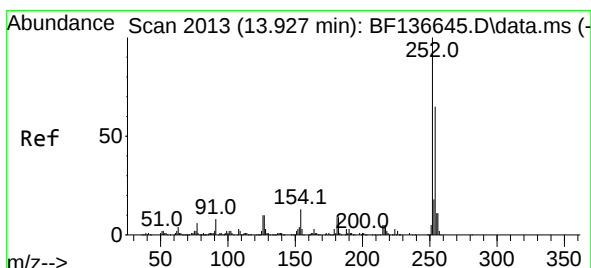
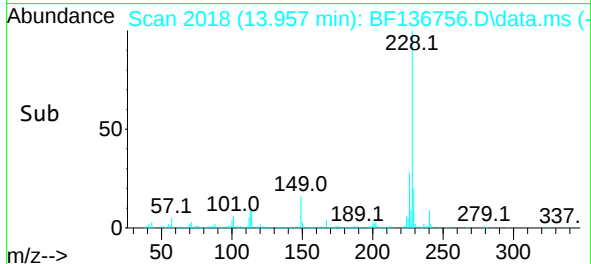
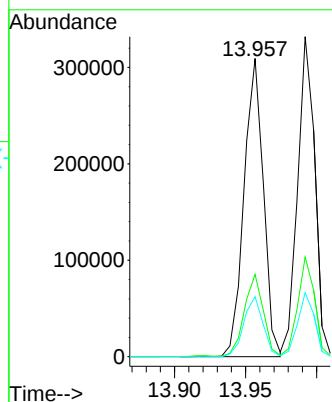
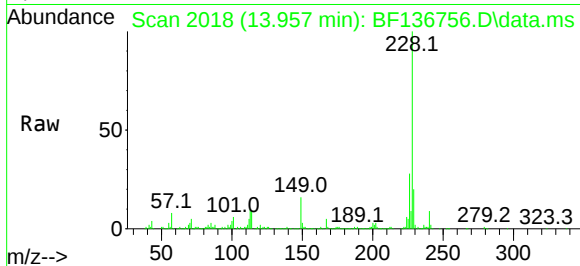
Tgt Ion:228 Resp: 29328
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.1 14.9 22.3

Manual Integrations

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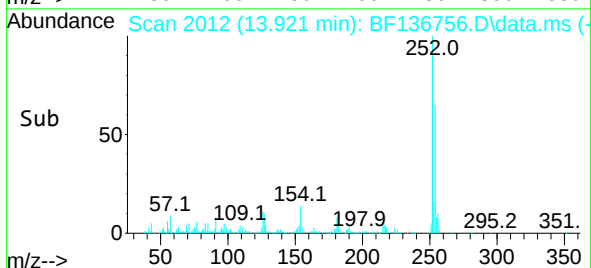
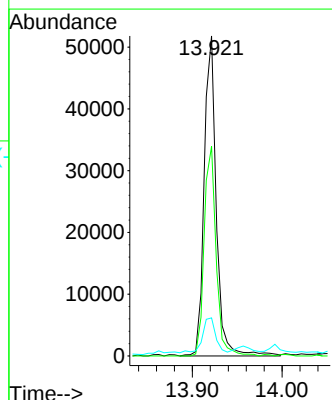
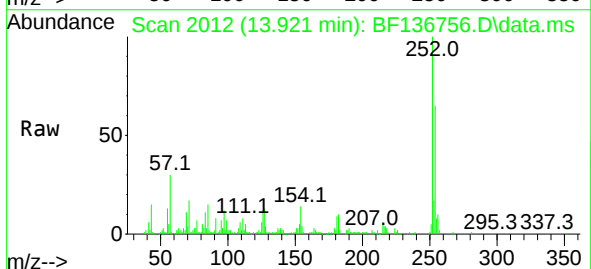
Reviewed By :Yogesh Patel 12/28/2023

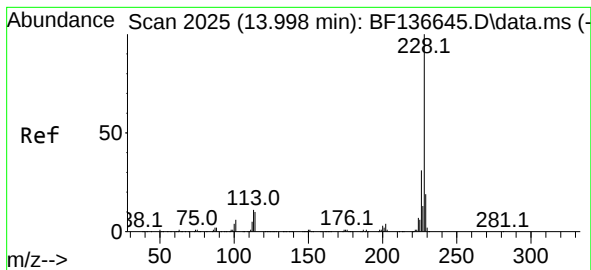
Supervised By :mohammad ahmed 12/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 19.313 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:252 Resp: 48666
Ion Ratio Lower Upper
252 100
254 65.5 52.2 78.4
126 11.9 8.0 12.0





#83

Chrysene

Concen: 32.459 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:228 Resp: 281630

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

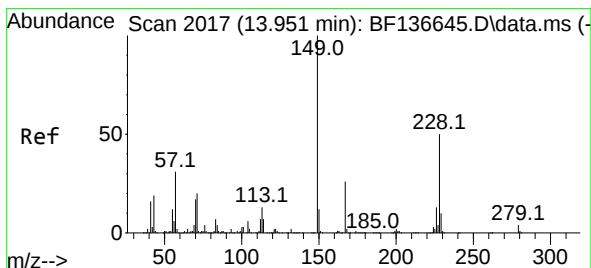
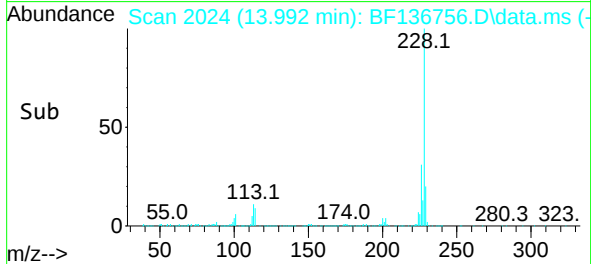
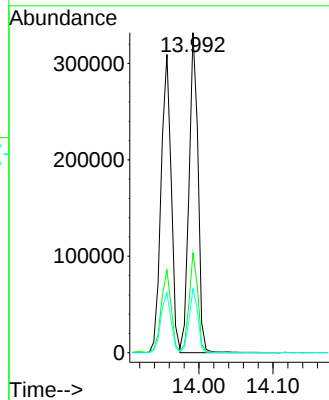
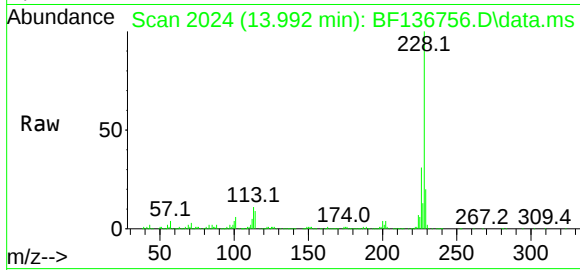
229 20.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.824 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

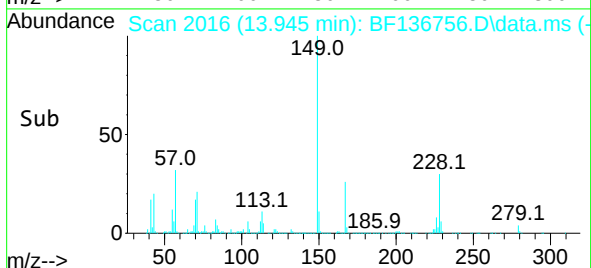
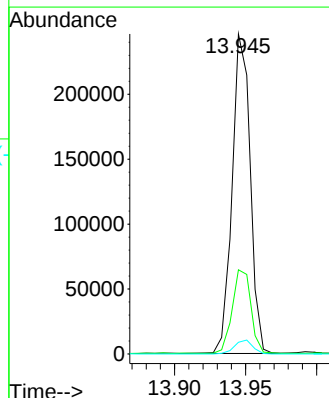
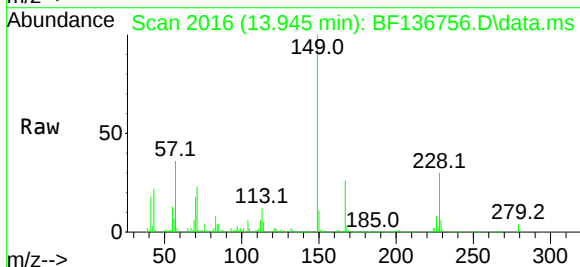
Tgt Ion:149 Resp: 217215

Ion Ratio Lower Upper

149 100

167 26.3 20.9 31.3

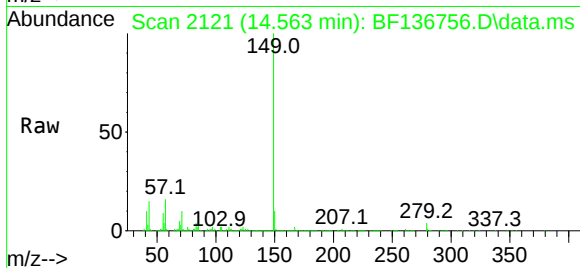
279 3.6 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 39.638 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

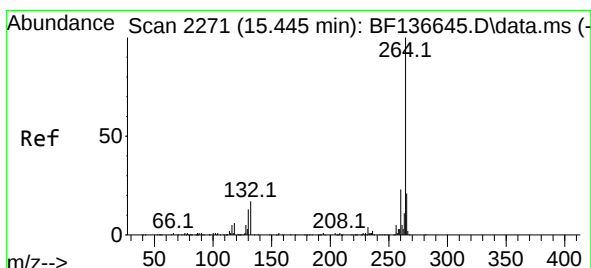
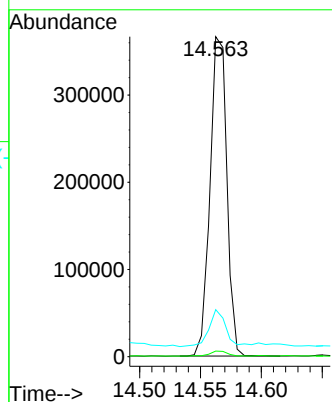
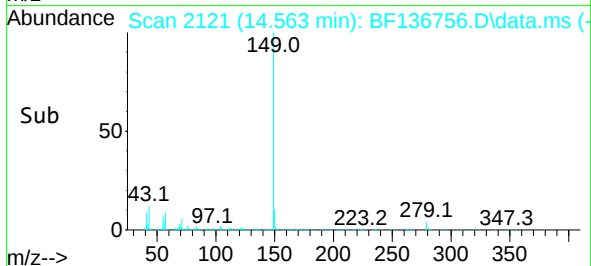
Instrument :
BNA_F
ClientSampleId :
COLTOMS



Tgt Ion:149 Resp: 352107
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.7 8.9 13.3

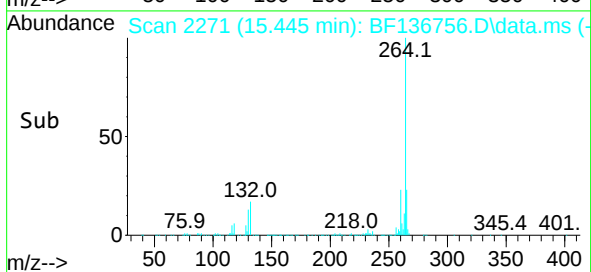
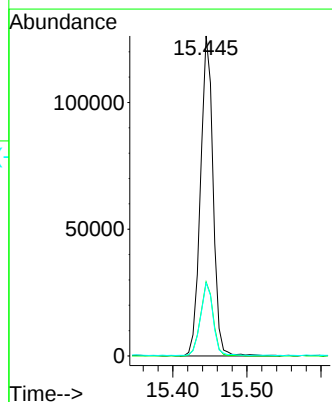
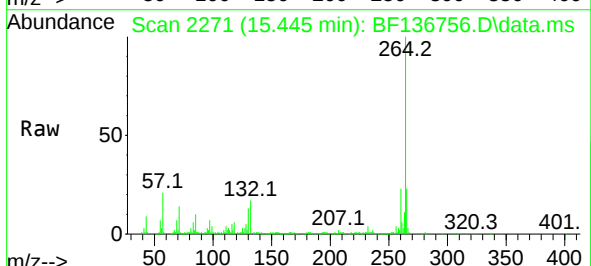
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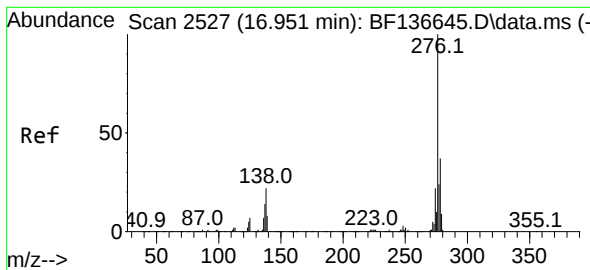
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:264 Resp: 149437
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.8 17.0 25.6





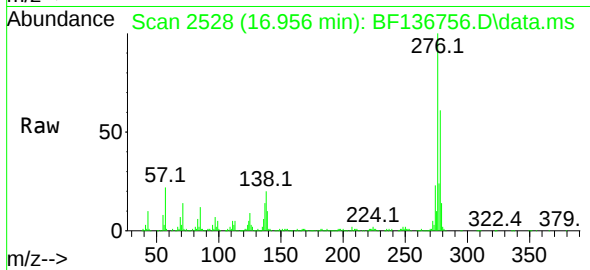
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.123 ng
 RT: 16.956 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136756.D
 Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

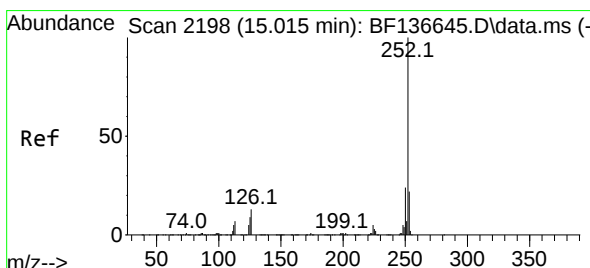
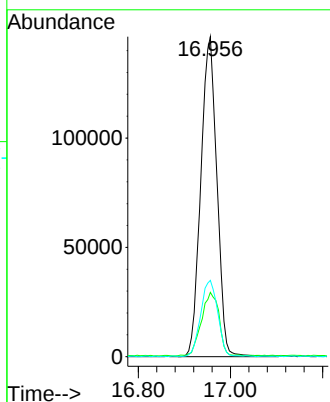
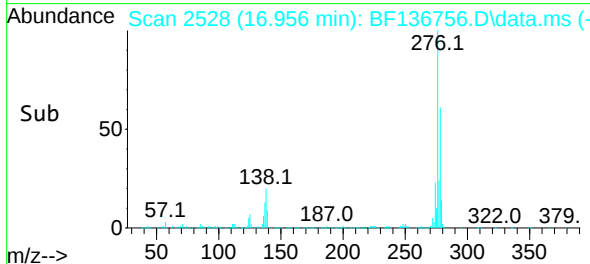


Tgt Ion:276 Resp: 35738
 Ion Ratio Lower Upper
 276 100
 138 21.5 18.7 28.1
 277 25.4 20.2 30.2

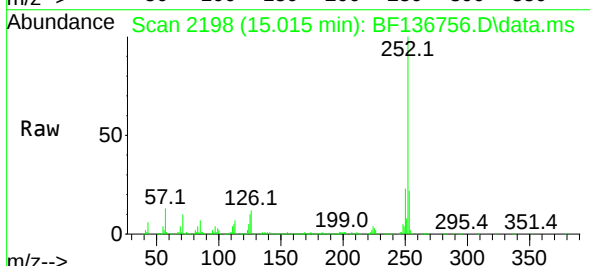
Manual Integrations

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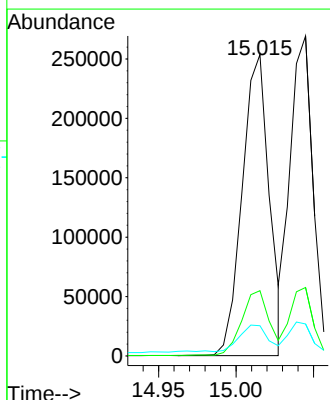
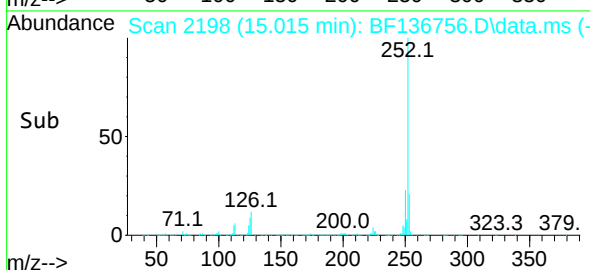
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

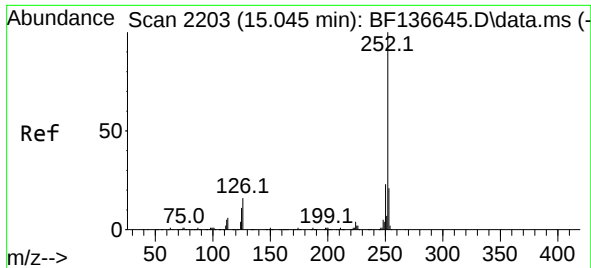


#88
 Benzo(b)fluoranthene
 Concen: 30.831 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF136756.D
 Acq: 27 Dec 2023 13:56



Tgt Ion:252 Resp: 307726
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 10.1 7.4 11.2





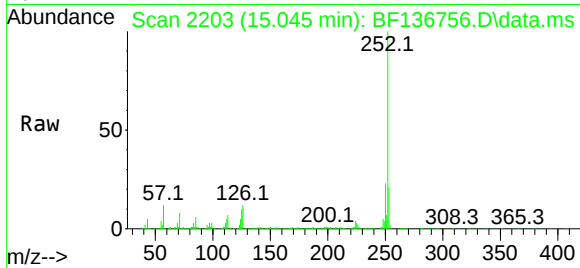
#89
Benzo(k)fluoranthene
Concen: 29.320 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

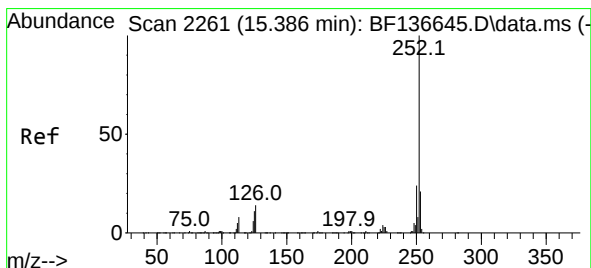
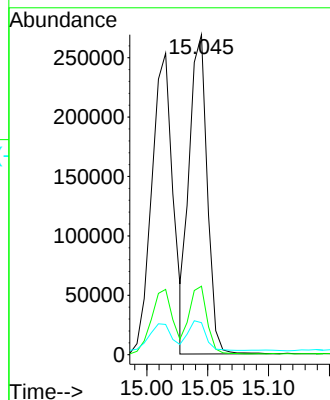
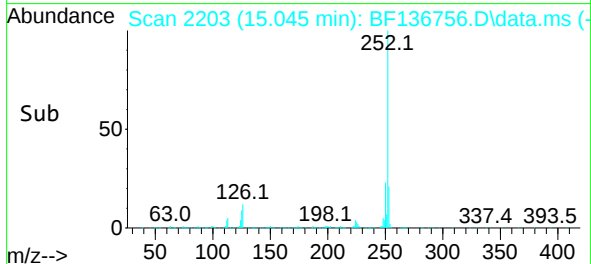


Tgt Ion:252 Resp: 276529
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 10.0 8.2 12.4

Manual Integrations

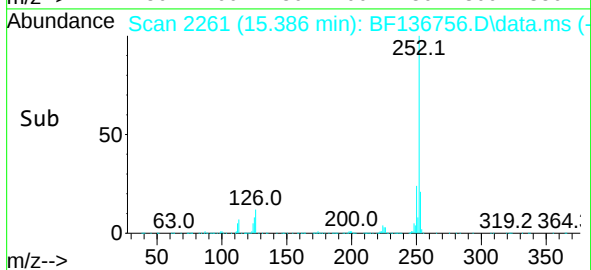
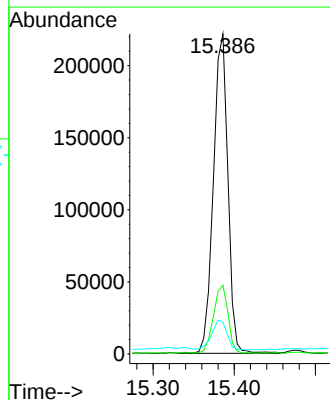
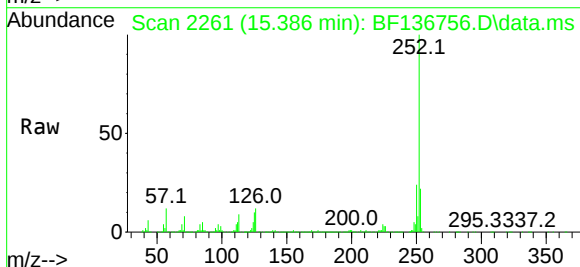
APPROVED

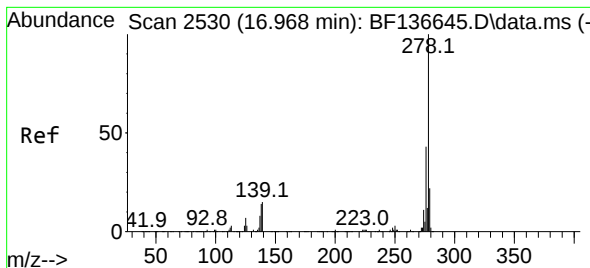
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#90
Benzo(a)pyrene
Concen: 32.586 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136756.D
Acq: 27 Dec 2023 13:56

Tgt Ion:252 Resp: 274542
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 9.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 33.619 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Instrument :

BNA_F

ClientSampleId :

COLTOMS

Tgt Ion:278 Resp: 297590

Ion Ratio Lower Upper

278 100

139 15.9 12.2 18.4

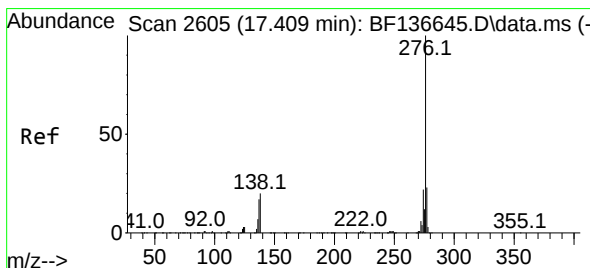
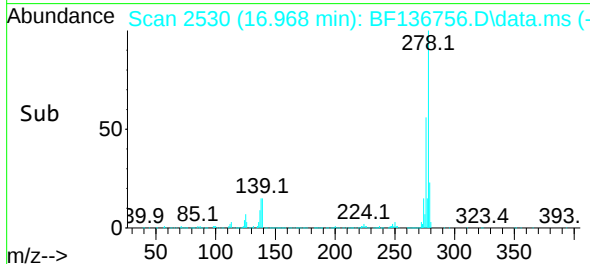
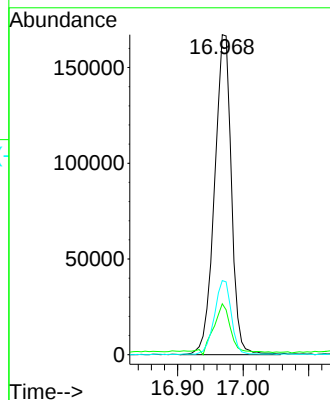
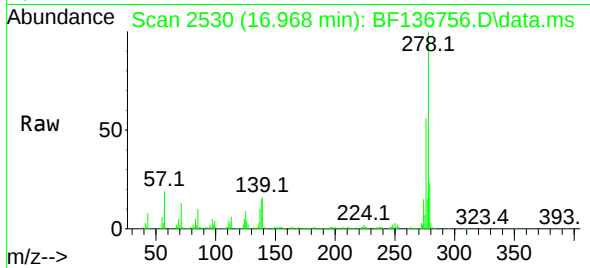
279 23.2 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#92

Benzo(g,h,i)perylene

Concen: 30.134 ng

RT: 17.409 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF136756.D

Acq: 27 Dec 2023 13:56

Tgt Ion:276 Resp: 273194

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 19.5 15.6 23.4

