

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136757.D
 Acq On : 27 Dec 2023 14:26
 Operator : CG\JU
 Sample : 05967-13MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COLTOMSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 15:08:49 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	6.781	152	60631	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	224935	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	104762	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	179003	20.000	ng	0.00
76) Chrysene-d12	13.963	240	113608	20.000	ng	0.00
86) Perylene-d12	15.445	264	143829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	128896	33.170	ng	0.00
7) Phenol-d6	6.428	99	90922	18.057	ng	-0.01
23) Nitrobenzene-d5	7.345	82	292736	66.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	104816	84.953	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	543396	69.764	ng	-0.01
79) Terphenyl-d14	12.904	244	478790	58.895	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	23791	14.694	ng	98
3) Pyridine	3.322	79	61537	15.577	ng	96
4) n-Nitrosodimethylamine	3.263	42	29039	13.765	ng	# 96
6) Aniline	6.445	93	73874	14.674	ng	# 86
8) 2-Chlorophenol	6.575	128	88950	20.917	ng	93
9) Benzaldehyde	6.340	77	39367	13.745	ng	93
10) Phenol	6.440	94	40025	7.446	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	135857	33.236	ng	95
12) 1,3-Dichlorobenzene	6.722	146	150555	32.454	ng	99
13) 1,4-Dichlorobenzene	6.804	146	152199	32.110	ng	95
14) 1,2-Dichlorobenzene	6.951	146	145875	33.073	ng	99
15) Benzyl Alcohol	6.928	79	75637	22.266	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	219776	32.885	ng	99
17) 2-Methylphenol	7.045	107	58616	16.639	ng	98
18) Hexachloroethane	7.292	117	56077	32.576	ng	92
19) n-Nitroso-di-n-propyla...	7.192	70	99366	32.555	ng	99
20) 3+4-Methylphenols	7.198	107	63357	14.395	ng	# 85
22) Acetophenone	7.192	105	206777	36.676	ng	# 88
24) Nitrobenzene	7.363	77	143339	32.552	ng	96
25) Isophorone	7.598	82	266417	33.308	ng	98
26) 2-Nitrophenol	7.681	139	52621	24.977	ng	97
27) 2,4-Dimethylphenol	7.722	122	72148	28.129	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	164051	33.742	ng	98
29) 2,4-Dichlorophenol	7.928	162	78178	23.676	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	123406	33.542	ng	99
31) Naphthalene	8.081	128	407225	32.954	ng	99
32) Benzoic acid	7.798	122	10932m	4.405	ng	
33) 4-Chloroaniline	8.134	127	55594	12.185	ng	96
34) Hexachlorobutadiene	8.198	225	74070	33.137	ng	98
35) Caprolactam	8.481	113	5629	5.167	ng	# 79
36) 4-Chloro-3-methylphenol	8.622	107	74257	19.976	ng	99
37) 2-Methylnaphthalene	8.775	142	254182	31.961	ng	100
38) 1-Methylnaphthalene	8.875	142	243652	31.228	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	126770	39.073	ng	99
41) Hexachlorocyclopentadiene	8.928	237	93529	89.775	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	53155	25.547	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	55054	23.744	ng	99
46) 1,1'-Biphenyl	9.239	154	323735	36.825	ng	100
47) 2-Chloronaphthalene	9.263	162	238792	35.730	ng	100
48) 2-Nitroaniline	9.363	65	71210	34.026	ng	98
49) Acenaphthylene	9.681	152	384372	37.628	ng	99
50) Dimethylphthalate	9.539	163	257303	33.625	ng	99
51) 2,6-Dinitrotoluene	9.604	165	56827	32.722	ng	# 85
52) Acenaphthene	9.851	154	213613	33.735	ng	99
53) 3-Nitroaniline	9.775	138	30488	16.573	ng	95
54) 2,4-Dinitrophenol	9.886	184	28588	32.050	ng	# 75
55) Dibenzofuran	10.028	168	334255	34.823	ng	97
56) 4-Nitrophenol	9.957	139	13628	10.974	ng	# 84
57) 2,4-Dinitrotoluene	10.010	165	71032	31.507	ng	98
58) Fluorene	10.369	166	258811	33.982	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	39105	21.909	ng	# 98
60) Diethylphthalate	10.239	149	257086	32.381	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	126319	34.122	ng	92
62) 4-Nitroaniline	10.392	138	49253m	27.772	ng	
63) Azobenzene	10.522	77	239654	32.318	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	21301	20.764	ng	94
66) n-Nitrosodiphenylamine	10.480	169	218848	37.636	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	72006	36.221	ng	97
68) Hexachlorobenzene	10.916	284	79878	36.056	ng	96
69) Atrazine	11.016	200	65950	44.343	ng	96
70) Pentachlorophenol	11.116	266	40189	38.919	ng	95
71) Phenanthrene	11.333	178	328970	35.817	ng	98
72) Anthracene	11.386	178	326406	35.091	ng	99
73) Carbazole	11.545	167	286173	32.632	ng	99
74) Di-n-butylphthalate	11.874	149	374919	35.035	ng	100
75) Fluoranthene	12.527	202	308353	31.386	ng	99
77) Benzidine	12.657	184	98185	29.311	ng	99
78) Pyrene	12.757	202	312622	28.031	ng	100
80) Butylbenzylphthalate	13.386	149	131044	32.292	ng	95
81) Benzo(a)anthracene	13.957	228	271532	34.420	ng	98
82) 3,3'-Dichlorobenzidine	13.916	252	49633	22.154	ng	# 99
83) Chrysene	13.992	228	254554	32.997	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	180235	35.300	ng	97
85) Di-n-octyl phthalate	14.563	149	325170	41.171	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	361990	34.858	ng	99
88) Benzo(b)fluoranthene	15.010	252	306630	31.919	ng	98
89) Benzo(k)fluoranthene	15.039	252	267047	29.419	ng	99
90) Benzo(a)pyrene	15.380	252	267596	33.000	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	303792	35.658	ng	99
92) Benzo(g,h,i)perylene	17.404	276	277775	31.834	ng	99

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

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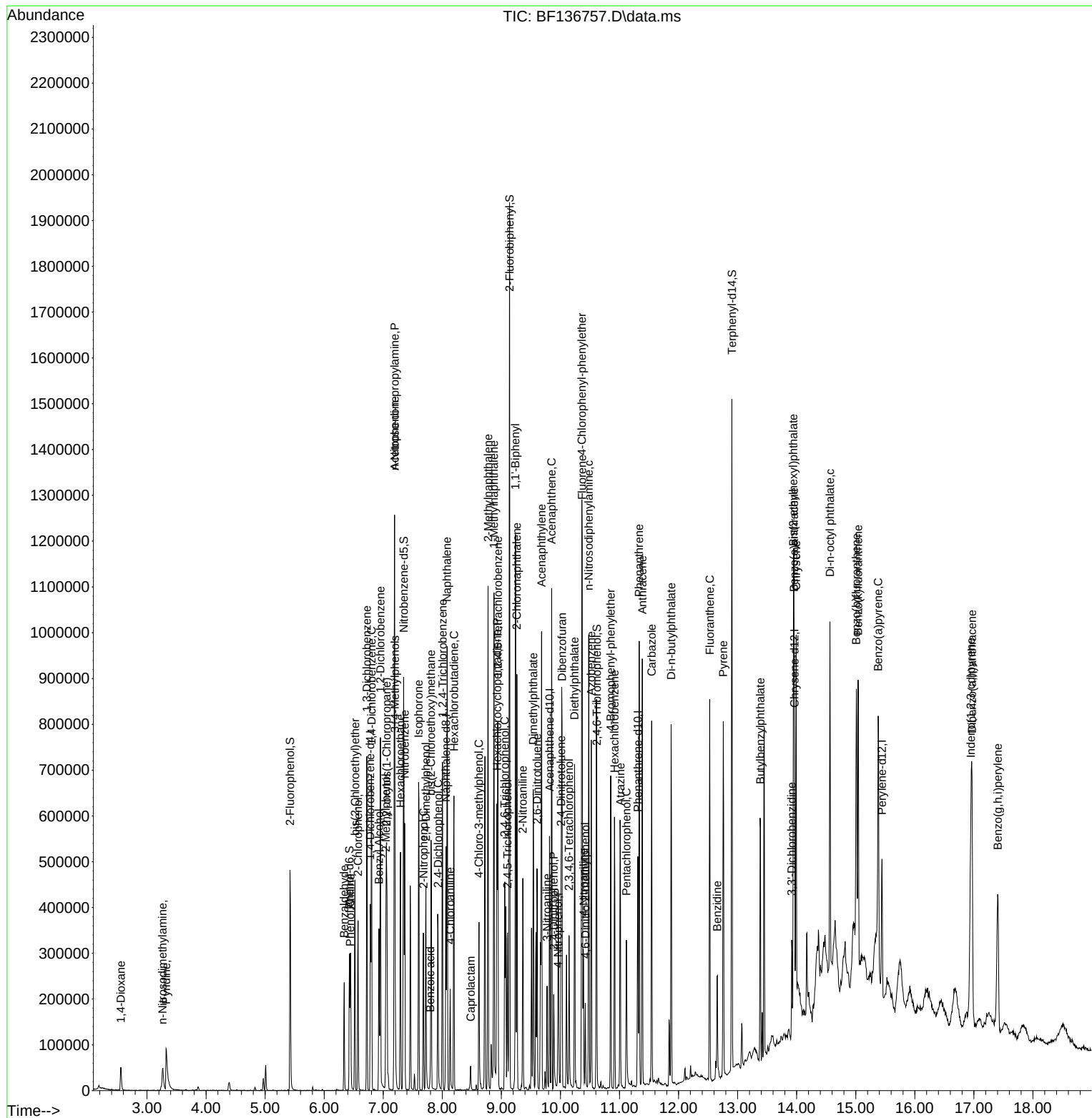
Quant Time: Dec 27 15:08:49 2023

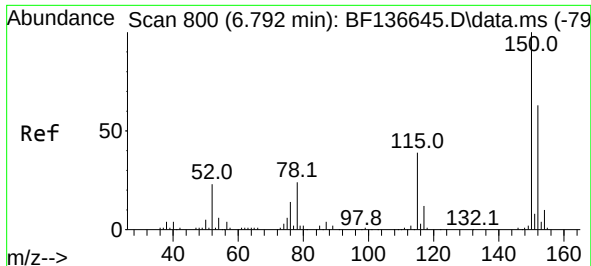
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M

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

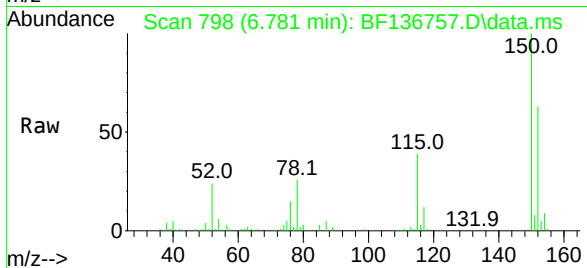
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

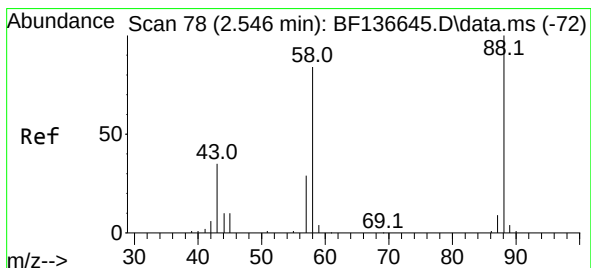
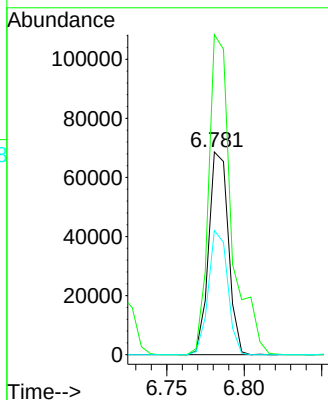
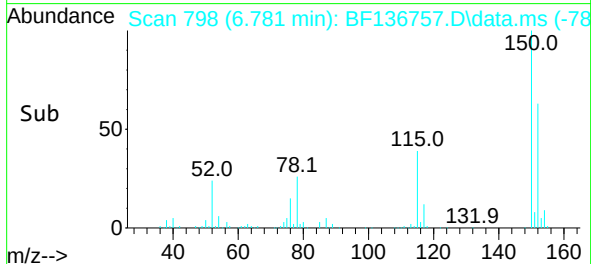
Instrument :
BNA_F
ClientSampleId :
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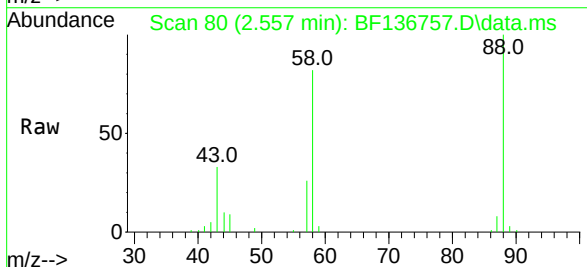
Tgt Ion:152 Resp: 6063
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 61.3 49.0 73.4

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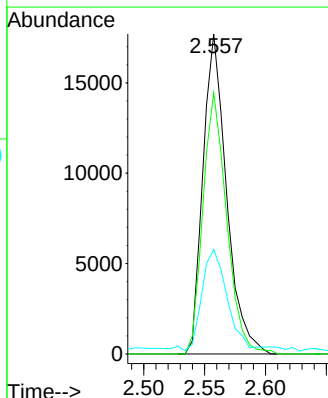
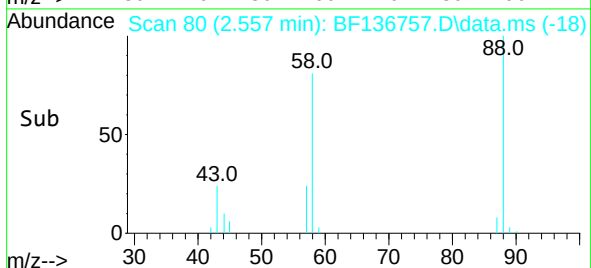
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

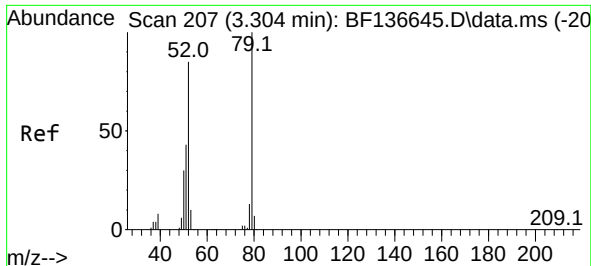


#2
1,4-Dioxane
Concen: 14.694 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



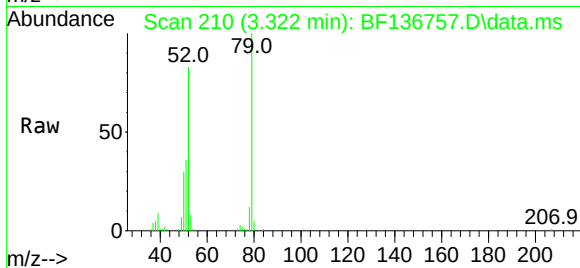
Tgt Ion: 88 Resp: 23791
Ion Ratio Lower Upper
88 100
58 81.9 67.4 101.0
43 33.6 27.7 41.5





#3
Pyridine
Concen: 15.577 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.018 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

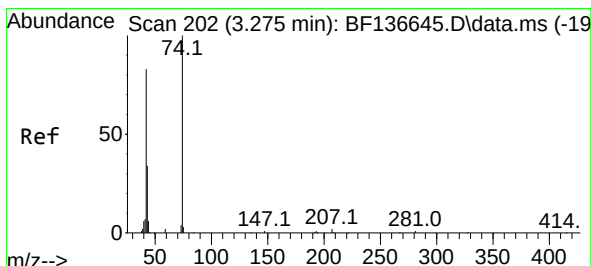
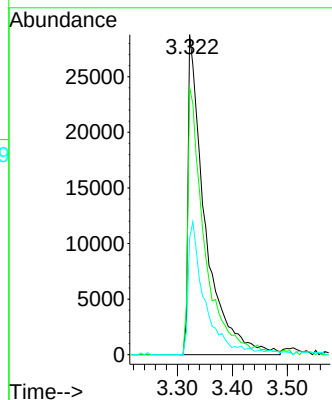
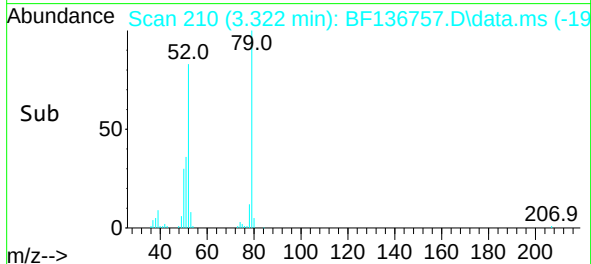
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



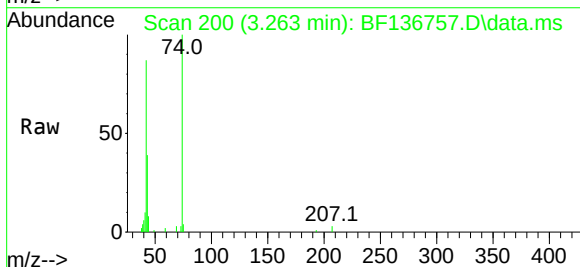
Tgt Ion: 79 Resp: 6153
Ion Ratio Lower Upper
79 100
52 83.4 67.7 101.5
51 36.4 34.0 51.0

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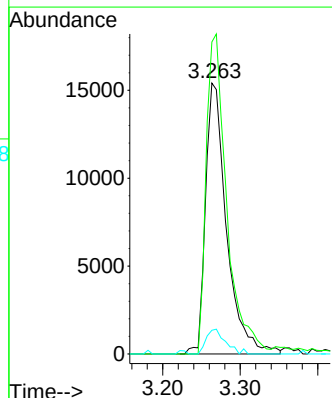
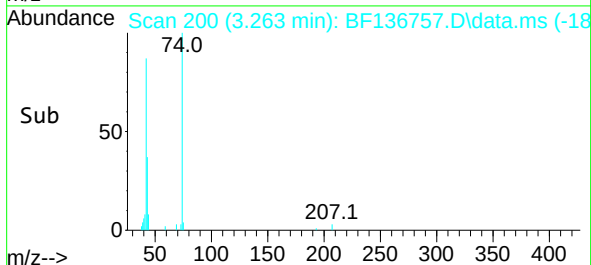
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

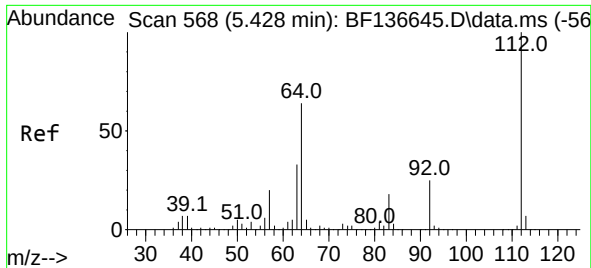


#4
n-Nitrosodimethylamine
Concen: 13.765 ng
RT: 3.263 min Scan# 200
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion: 42 Resp: 29039
Ion Ratio Lower Upper
42 100
74 115.2 96.0 144.0
44 8.7 5.4 8.2





#5
2-Fluorophenol
Concen: 33.170 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

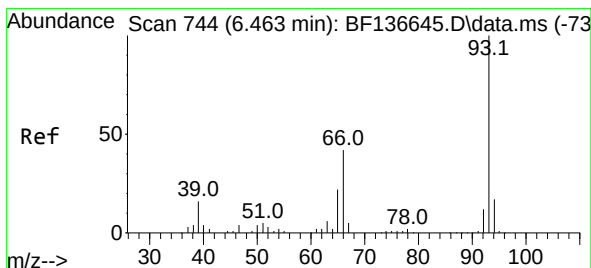
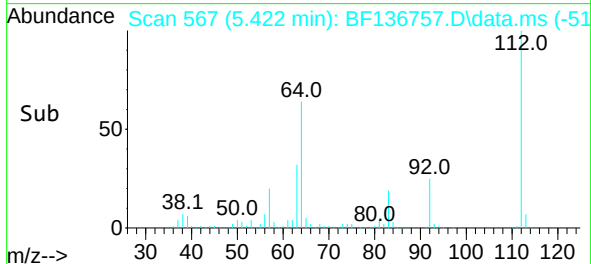
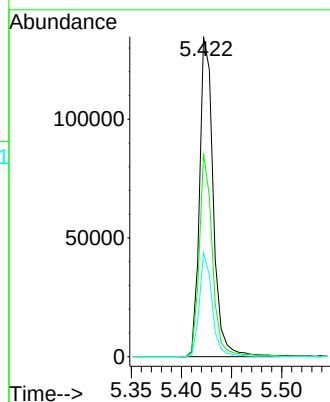
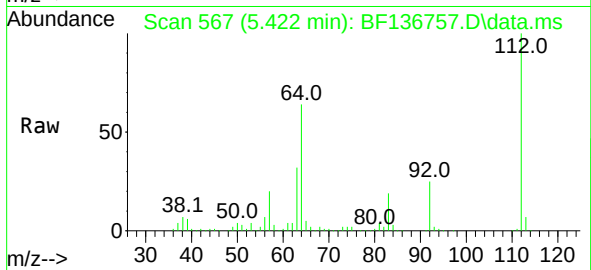
COLTOMSD

Tgt Ion:112 Resp: 128890
Ion Ratio Lower Upper
112 100
64 63.6 51.1 76.7
63 32.5 26.1 39.1

Manual Integrations

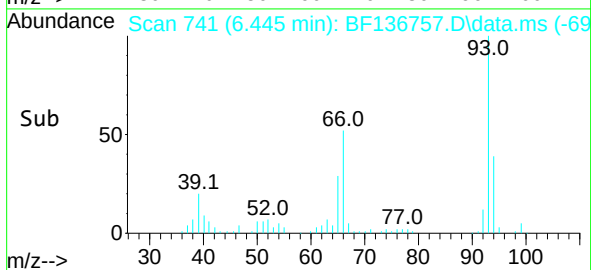
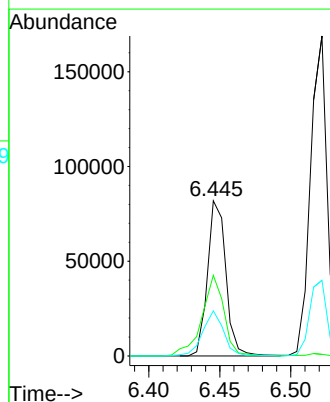
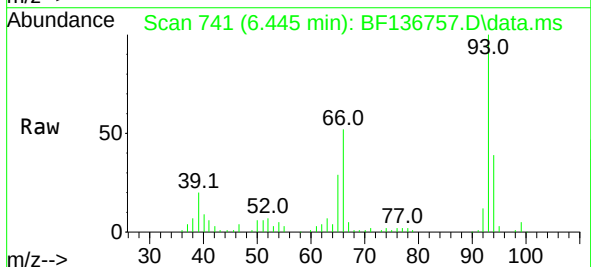
APPROVED

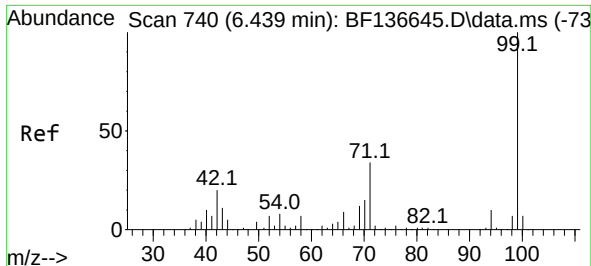
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#6
Aniline
Concen: 14.674 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

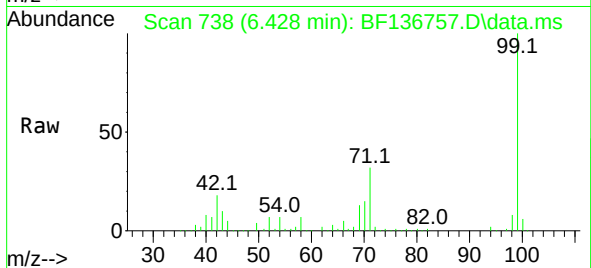
Tgt Ion: 93 Resp: 73874
Ion Ratio Lower Upper
93 100
66 51.9 34.6 51.8#
65 29.0 17.8 26.8#





#7
Phenol-d6
Concen: 18.057 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

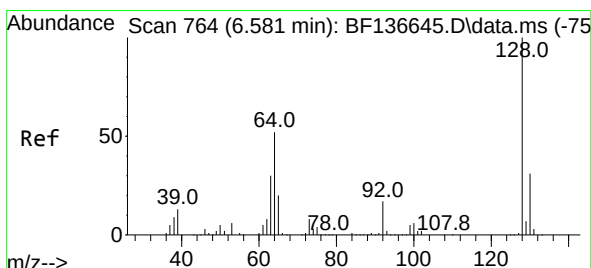
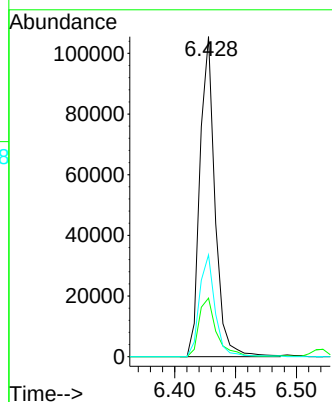
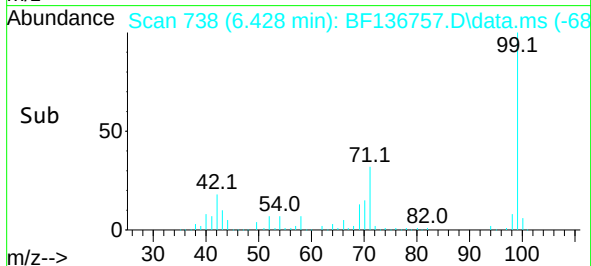
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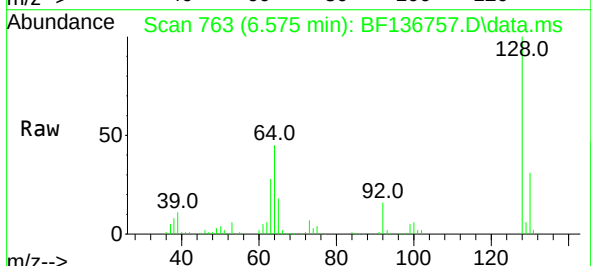
Tgt Ion: 99 Resp: 9092
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 31.8 27.4 41.2

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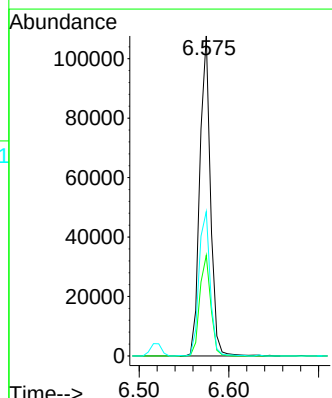
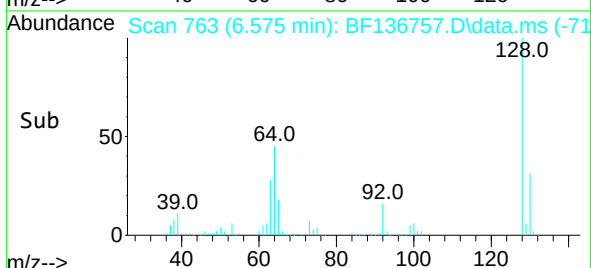
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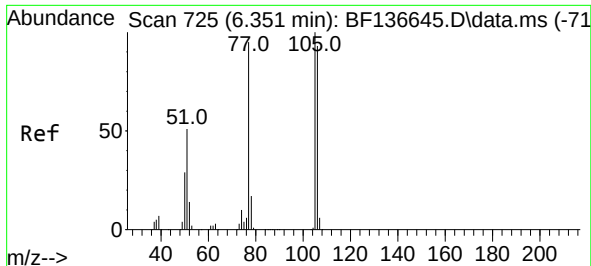


#8
2-Chlorophenol
Concen: 20.917 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



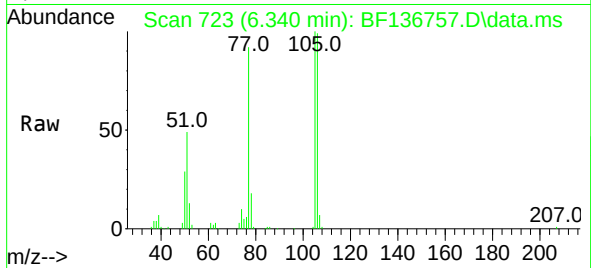
Tgt Ion:128 Resp: 88950
Ion Ratio Lower Upper
128 100
130 31.5 11.3 51.3
64 45.1 32.5 72.5





#9
Benzaldehyde
Concen: 13.745 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136757.D
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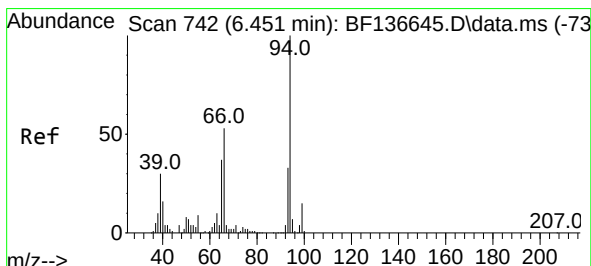
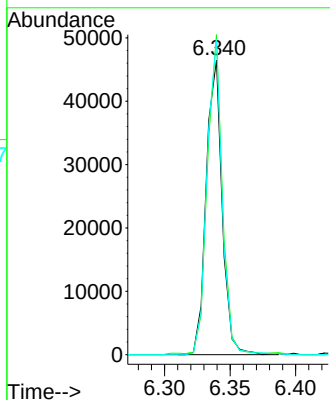
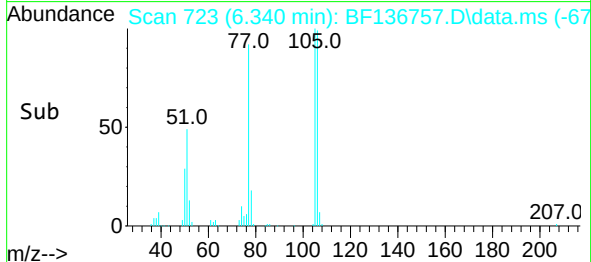
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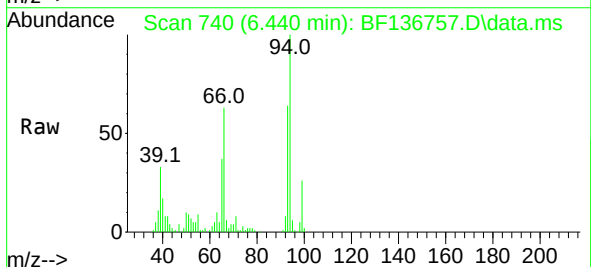
Tgt Ion: 77 Resp: 3936
Ion Ratio Lower Upper
77 100
105 108.7 84.8 124.8
106 107.3 77.8 117.8

Manual Integrations
APPROVED

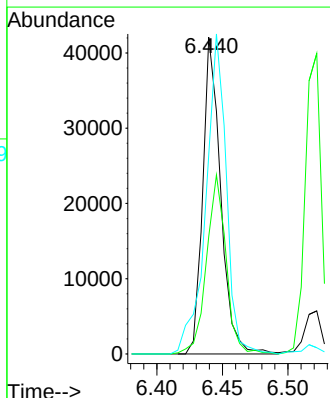
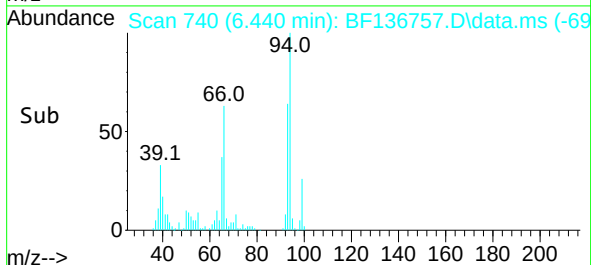
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

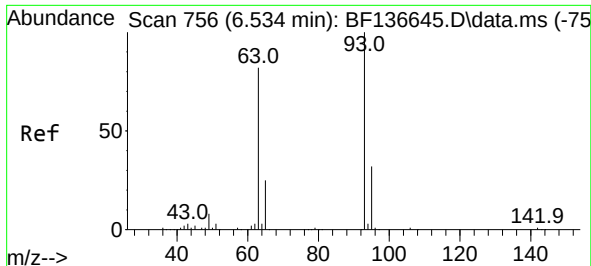


#10
Phenol
Concen: 7.446 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



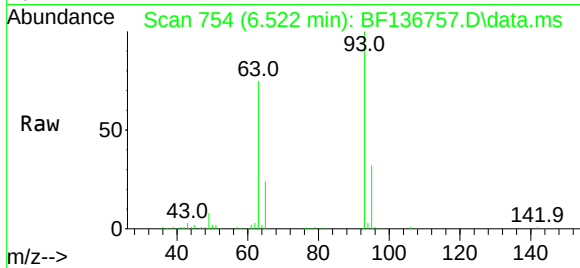
Tgt Ion: 94 Resp: 40025
Ion Ratio Lower Upper
94 100
65 37.1 16.6 56.6
66 63.0 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 33.236 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

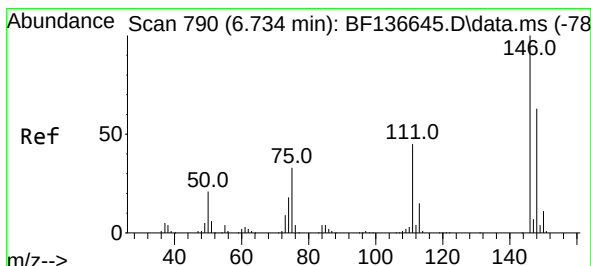
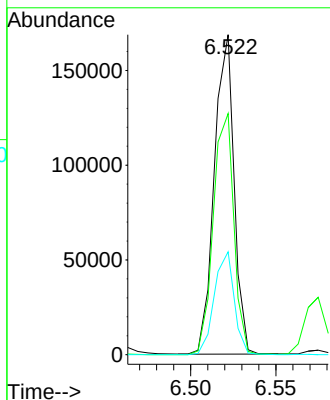
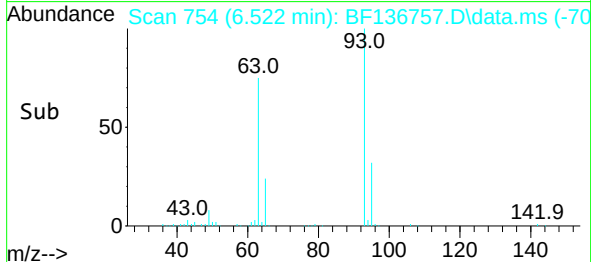
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



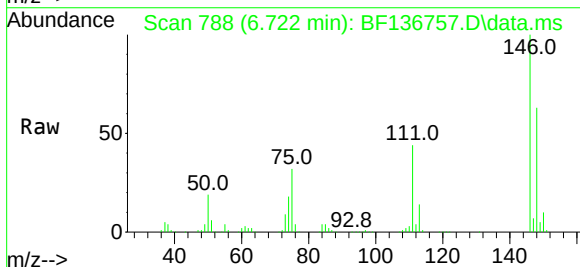
Tgt Ion: 93 Resp: 13585
Ion Ratio Lower Upper
93 100
63 75.3 61.2 101.2
95 32.2 11.6 51.6

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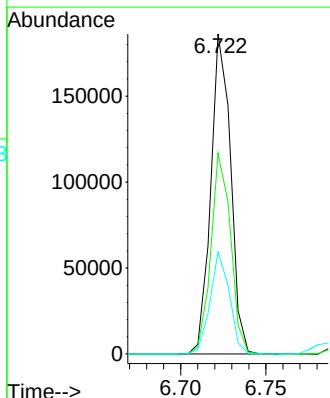
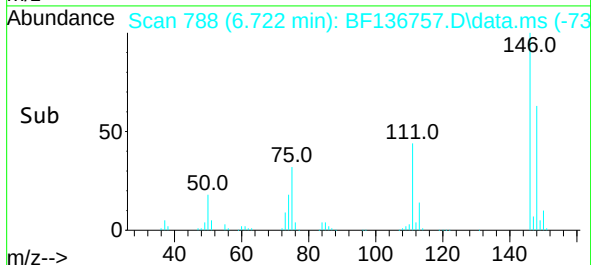
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

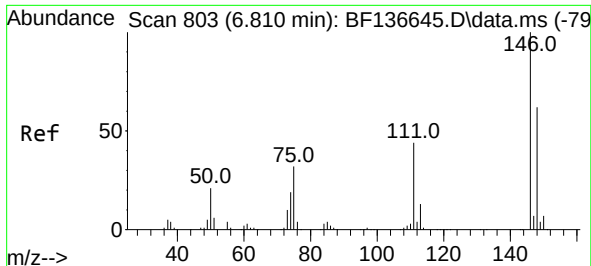


#12
1,3-Dichlorobenzene
Concen: 32.454 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



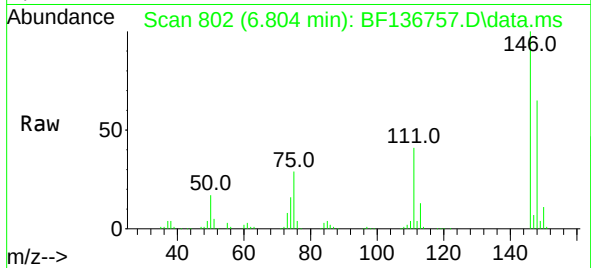
Tgt Ion:146 Resp: 150555
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 31.9 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 32.110 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

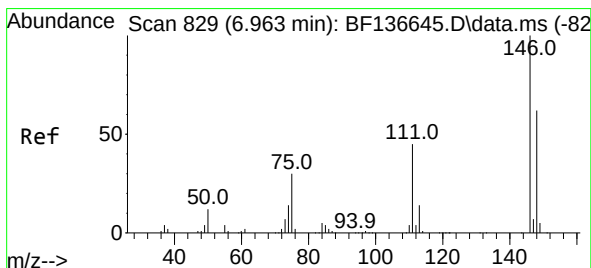
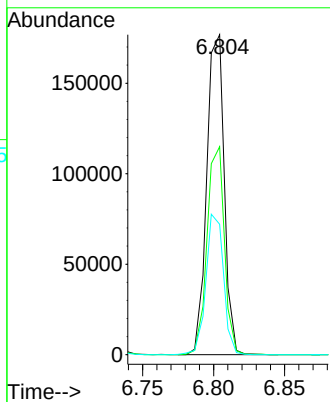
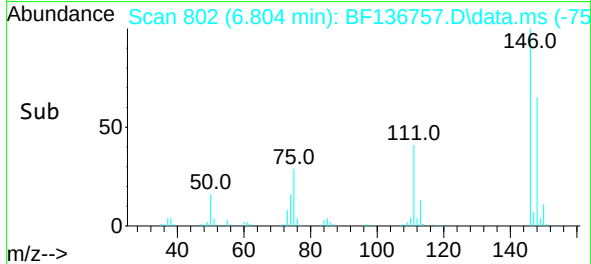
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



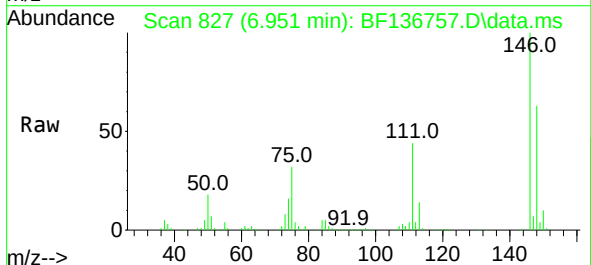
Tgt Ion:146 Resp: 152199
Ion Ratio Lower Upper
146 100
148 65.0 49.2 73.8
111 40.8 35.2 52.8

Manual Integrations
APPROVED

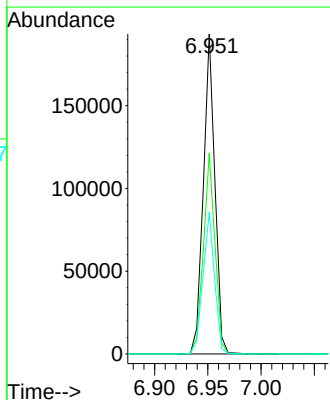
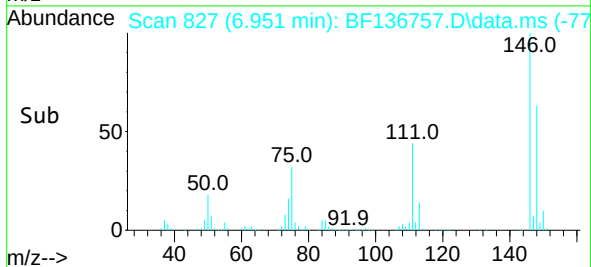
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

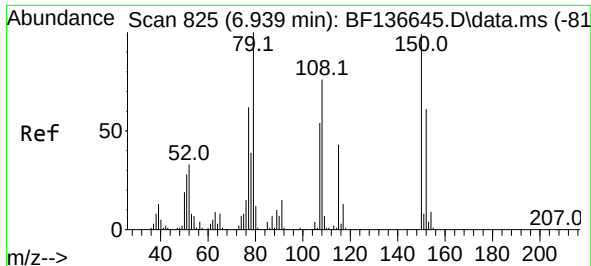


#14
1,2-Dichlorobenzene
Concen: 33.073 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



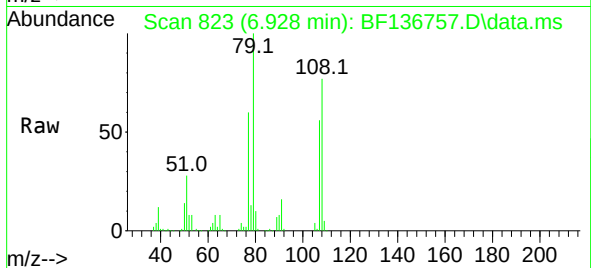
Tgt Ion:146 Resp: 145875
Ion Ratio Lower Upper
146 100
148 62.7 49.6 74.4
111 44.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 22.266 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

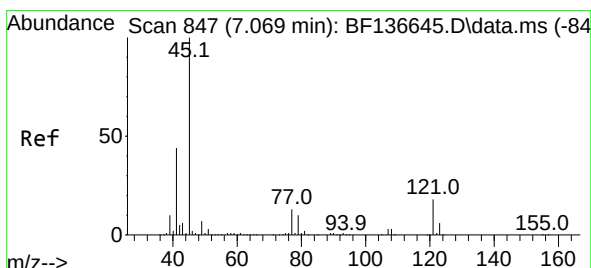
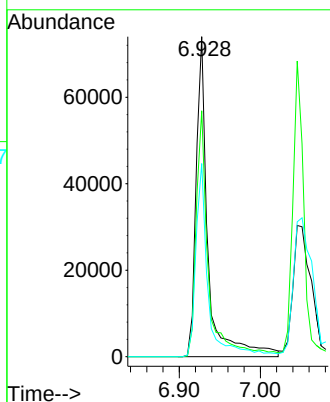
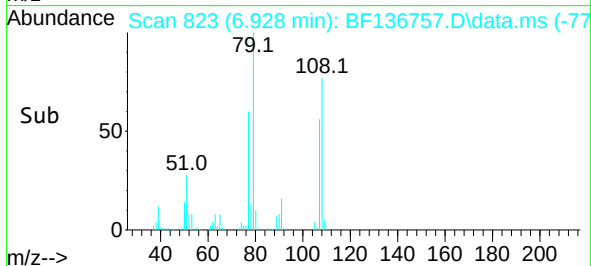
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion: 79 Resp: 7563
Ion Ratio Lower Upper
79 100
108 76.9 61.0 91.6
77 60.4 49.8 74.8

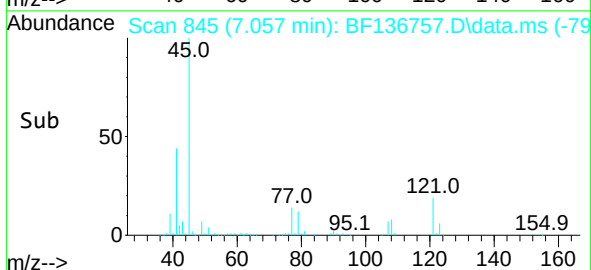
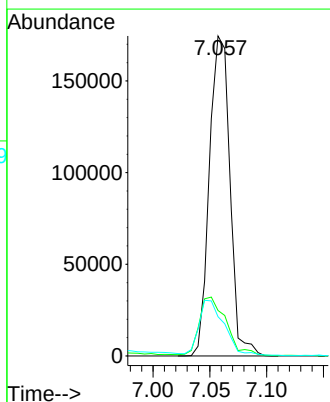
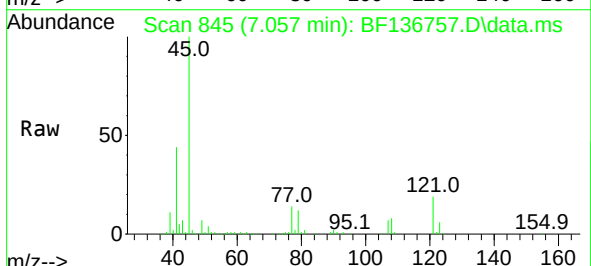
Manual Integrations
APPROVED

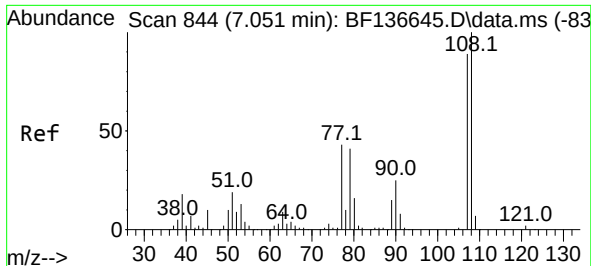
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.885 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion: 45 Resp: 219776
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.3
79 12.2 0.0 31.4





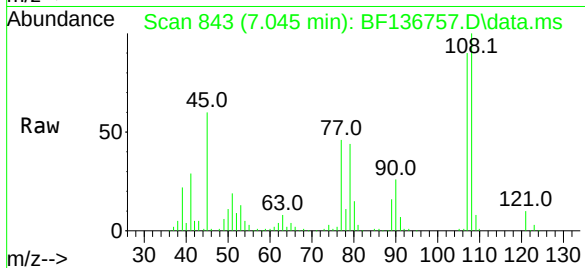
#17
2-Methylphenol
Concen: 16.639 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

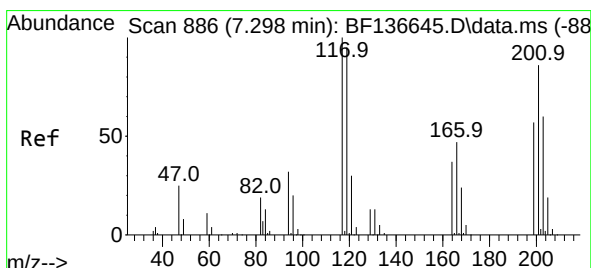
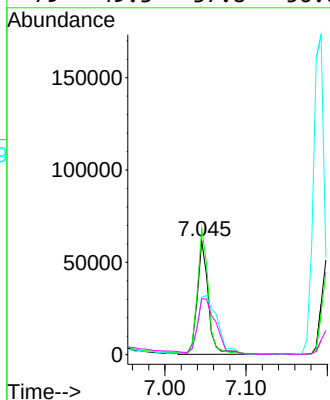
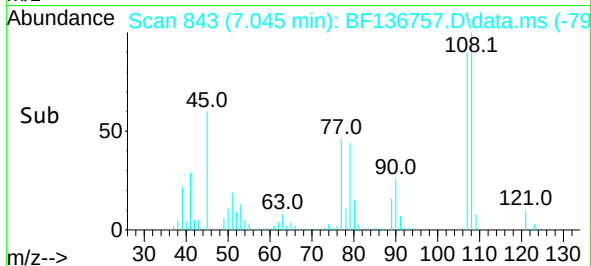


Tgt Ion:107 Resp: 58610
Ion Ratio Lower Upper
107 100
108 110.9 90.3 135.5
77 50.6 38.7 58.1
79 49.3 37.8 56.6

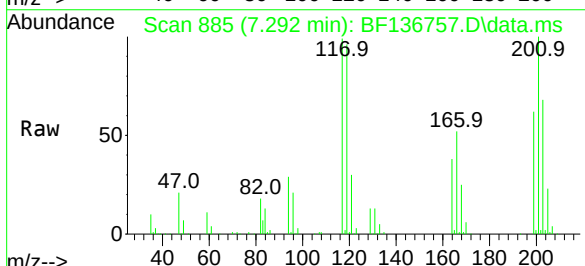
Manual Integrations

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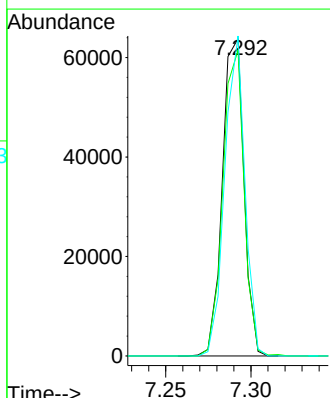
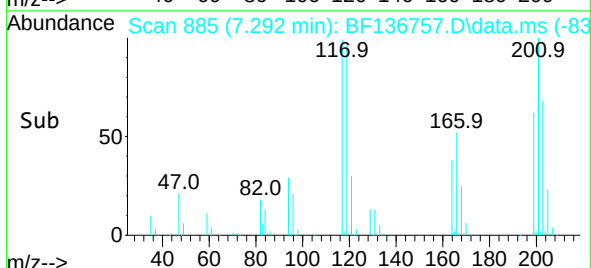
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

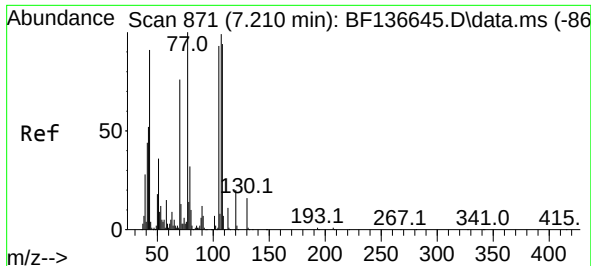


#18
Hexachloroethane
Concen: 32.576 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:117 Resp: 56077
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.6
201 100.9 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 32.555 ng

RT: 7.192 min Scan# 80

Delta R.T. -0.018 min

Lab File: BF136757.D

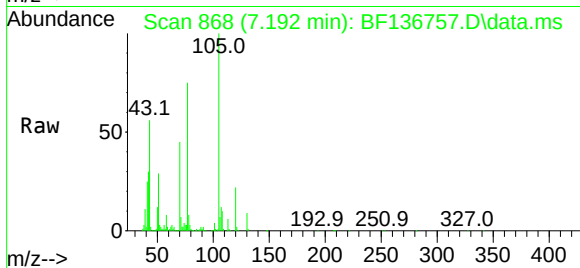
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD



Tgt Ion: 70 Resp: 9936

Ion Ratio Lower Upper

70 100

42 66.4 54.2 81.4

101 9.0 7.6 11.4

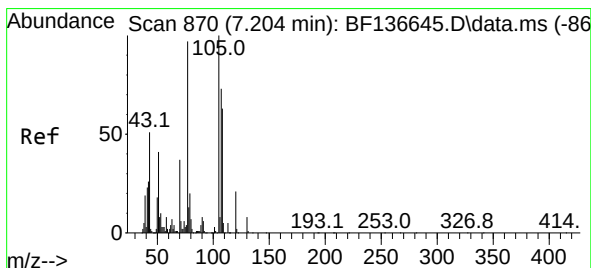
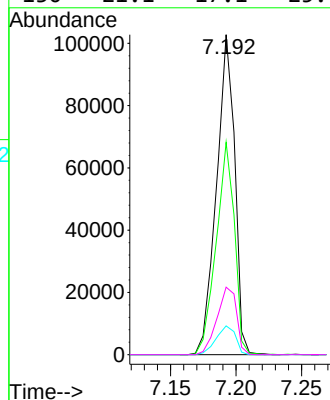
130 21.1 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#20

3+4-Methylphenols

Concen: 14.395 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Tgt Ion:107 Resp: 63357

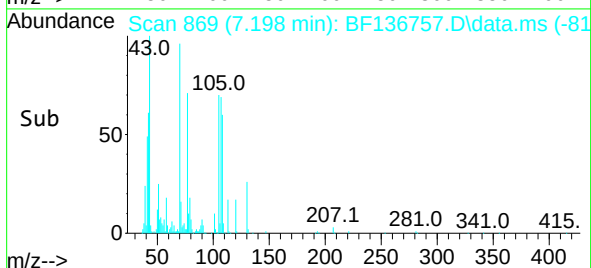
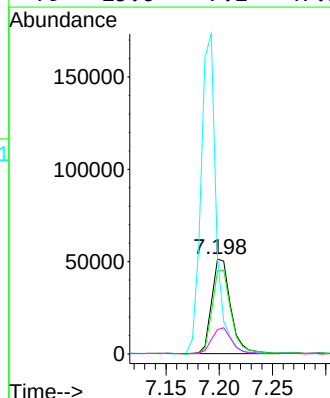
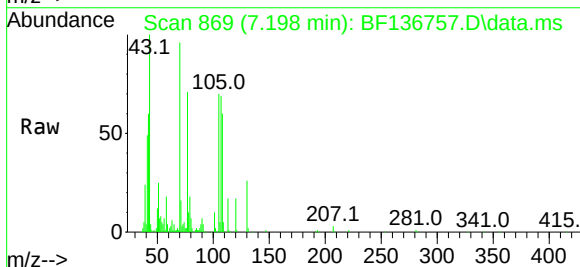
Ion Ratio Lower Upper

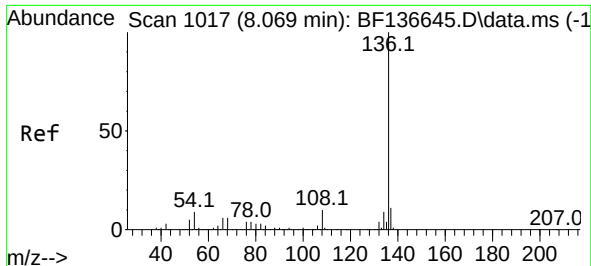
107 100

108 87.2 66.0 106.0

77 102.3 114.2 154.2#

79 25.6 7.2 47.2





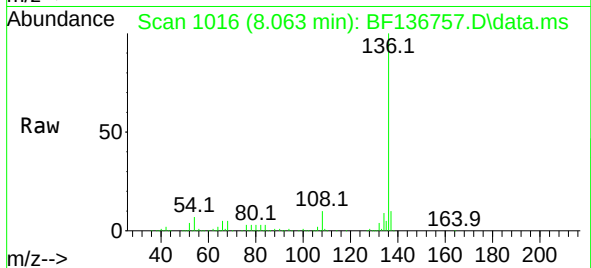
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

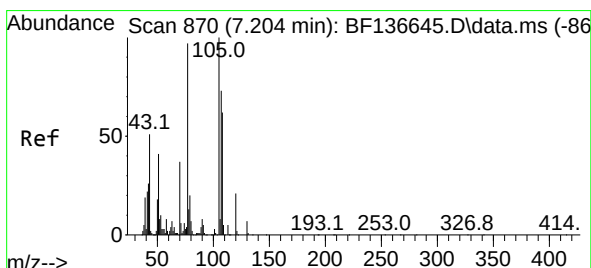
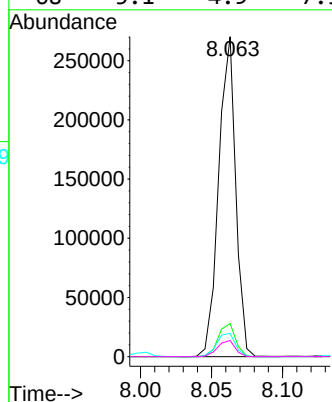
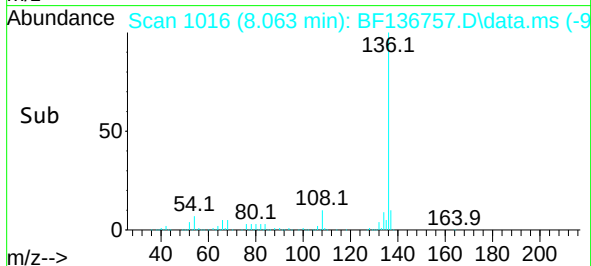


Tgt Ion:136 Resp: 224935
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.3 7.2 10.8
68 5.1 4.9 7.3

Manual Integrations

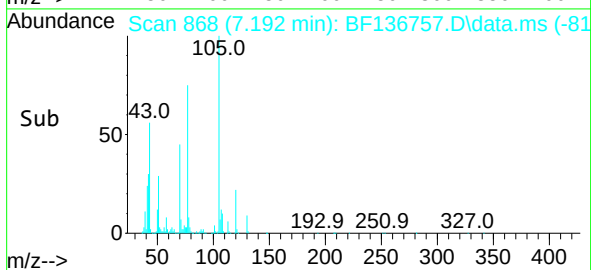
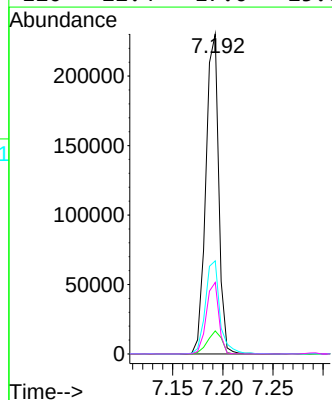
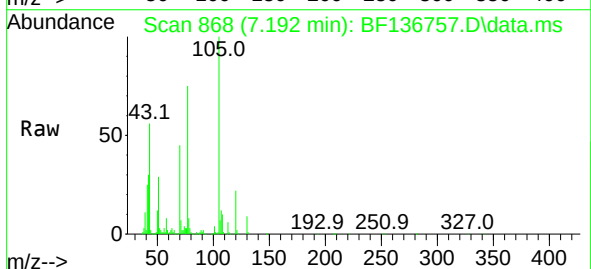
APPROVED

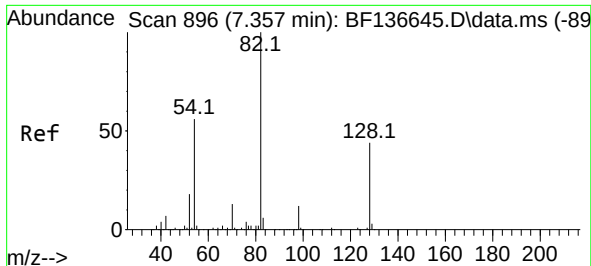
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#22
Acetophenone
Concen: 36.676 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:105 Resp: 206777
Ion Ratio Lower Upper
105 100
71 7.2 4.8 7.2#
51 29.1 32.8 49.2#
120 22.4 17.0 25.6





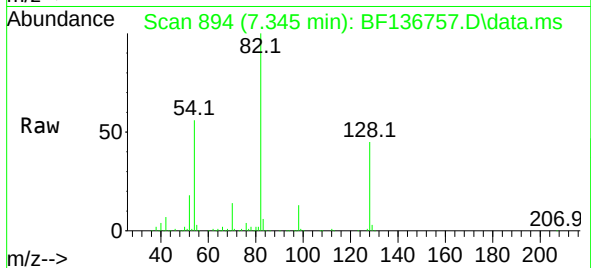
#23
Nitrobenzene-d5
Concen: 66.595 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

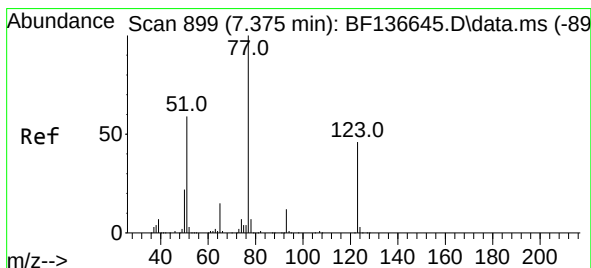
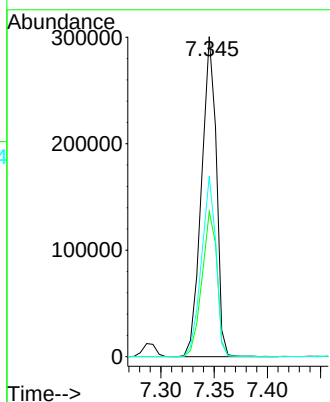
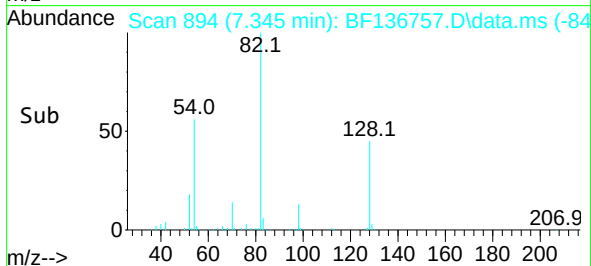
COLTOMSD



Tgt Ion: 82 Resp: 292730
Ion Ratio Lower Upper
82 100
128 45.4 35.3 52.9
54 56.4 44.5 66.7

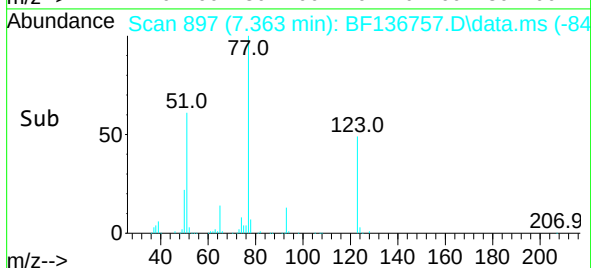
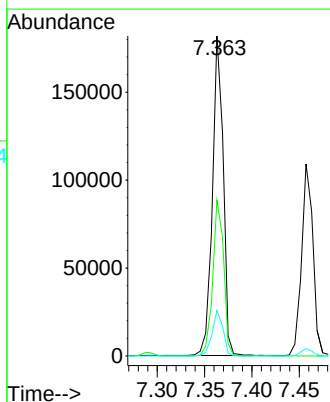
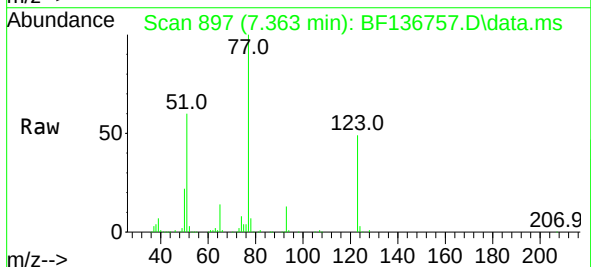
Manual Integrations
APPROVED

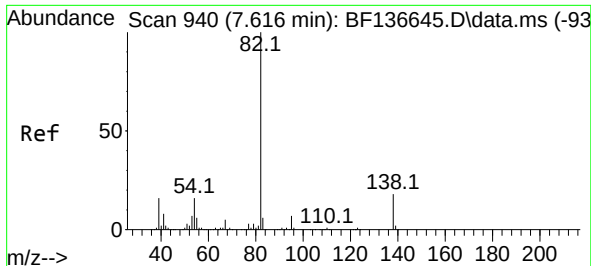
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#24
Nitrobenzene
Concen: 32.552 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

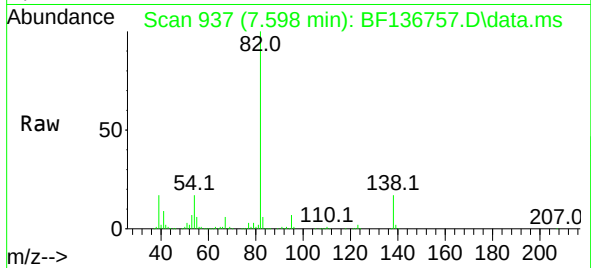
Tgt Ion: 77 Resp: 143339
Ion Ratio Lower Upper
77 100
123 48.7 36.7 55.1
65 14.2 11.8 17.6





#25
Isophorone
Concen: 33.308 ng
RT: 7.598 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

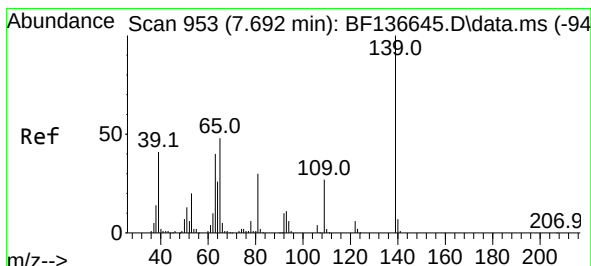
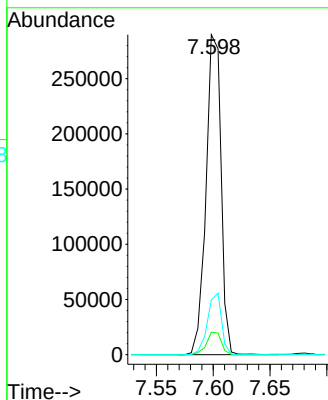
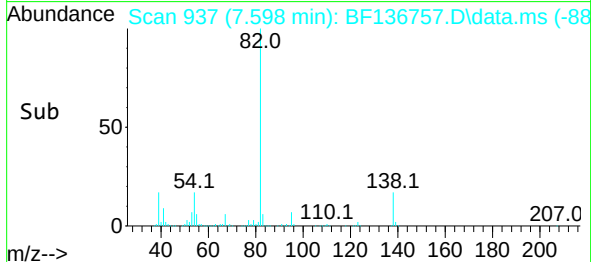
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



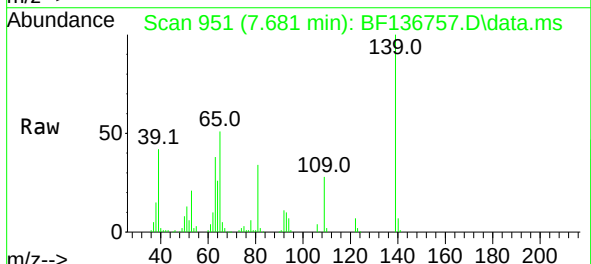
Tgt Ion: 82 Resp: 26641
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.1 14.5 21.7

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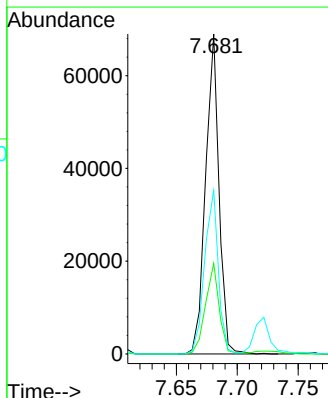
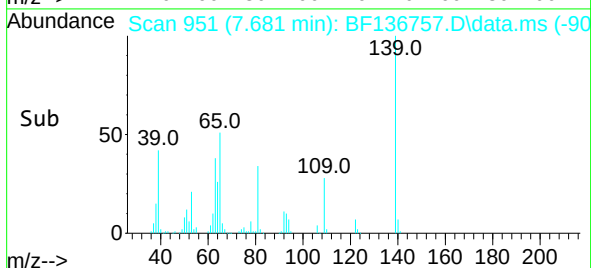
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

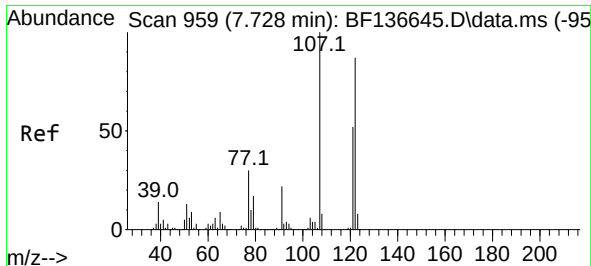


#26
2-Nitrophenol
Concen: 24.977 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:139 Resp: 52621
Ion Ratio Lower Upper
139 100
109 28.3 21.9 32.9
65 51.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 28.129 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136757.D

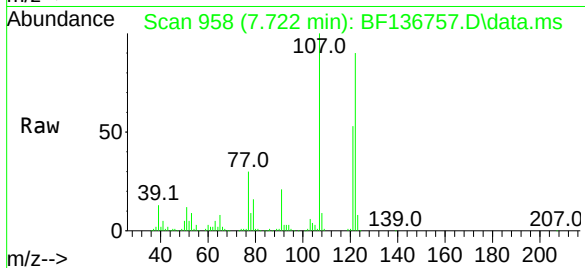
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD



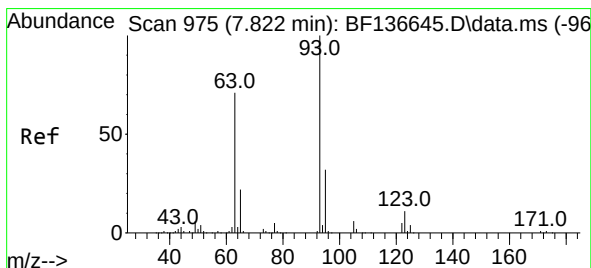
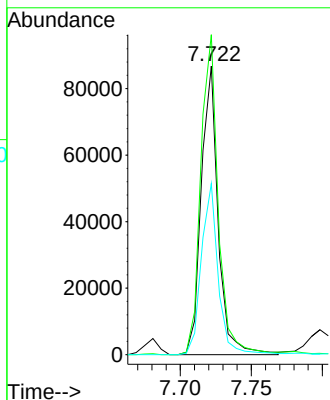
Tgt Ion:	122	Resp:	72148
Ion	Ratio	Lower	Upper
122	100		
107	110.9	92.0	138.0
121	59.3	47.5	71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 33.742 ng

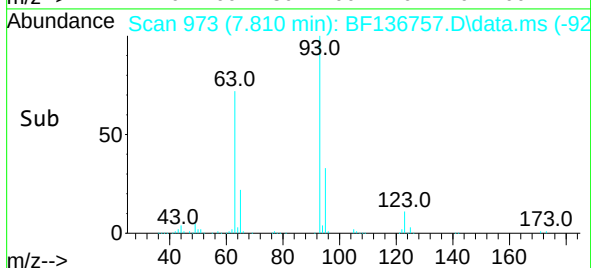
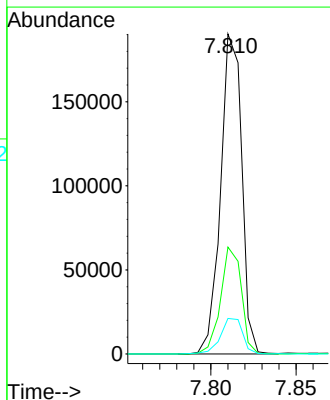
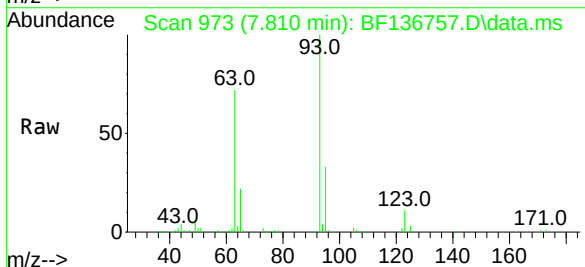
RT: 7.810 min Scan# 973

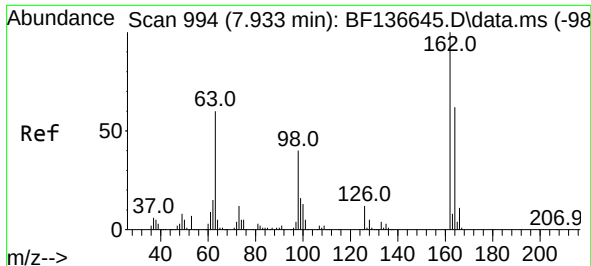
Delta R.T. -0.012 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Tgt Ion:	93	Resp:	164051
Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.5	38.3
123	11.1	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 23.676 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

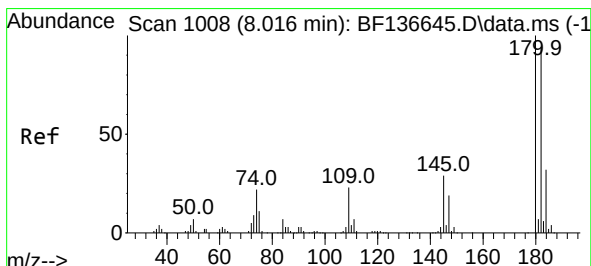
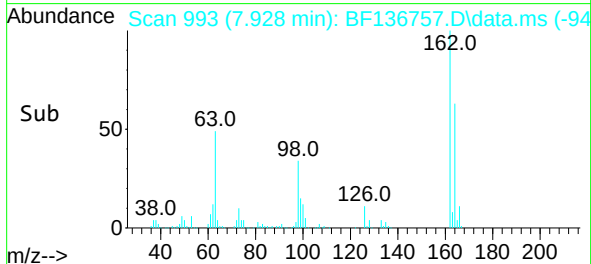
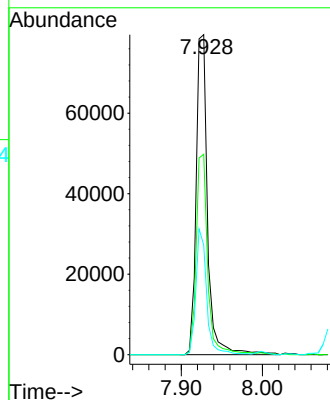
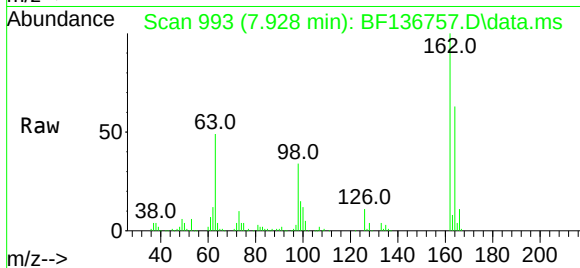
Tgt Ion:	162	Resp:	78178
Ion Ratio	Lower	Upper	
162	100		
164	62.6	41.7	81.7
98	34.2	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 33.542 ng

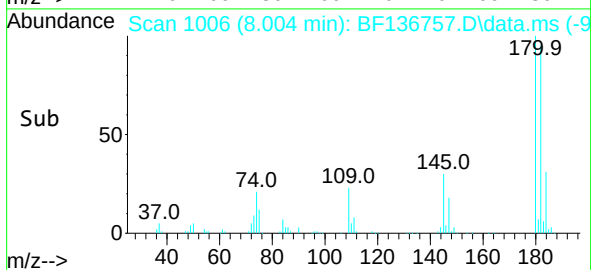
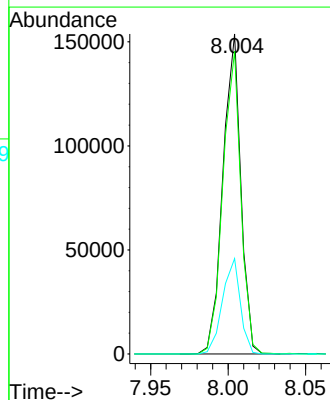
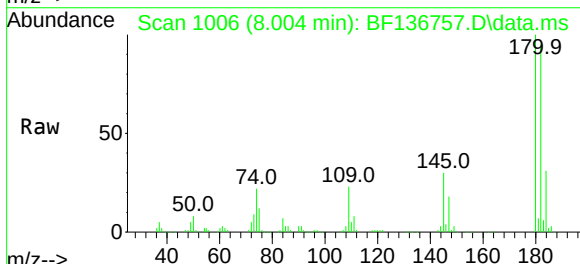
RT: 8.004 min Scan# 1006

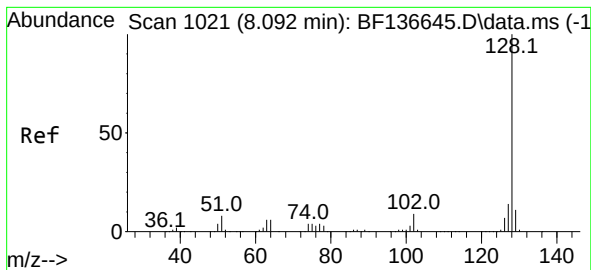
Delta R.T. -0.012 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

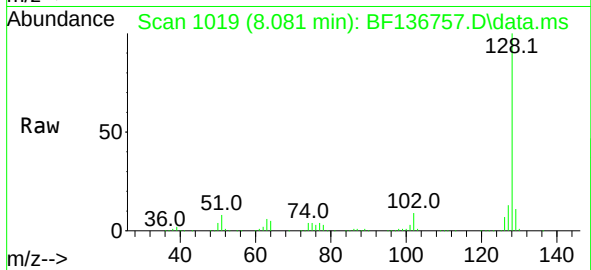
Tgt Ion:	180	Resp:	123406
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.4	113.0
145	29.8	23.1	34.7





#31
Naphthalene
Concen: 32.954 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

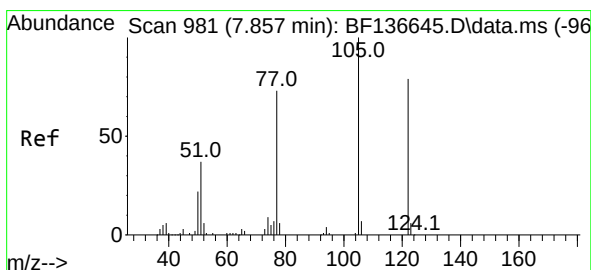
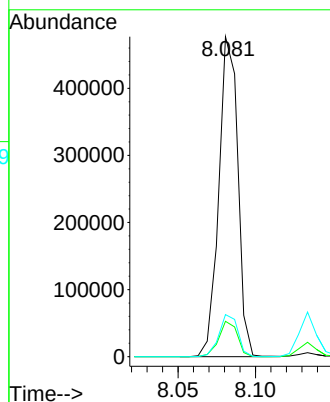
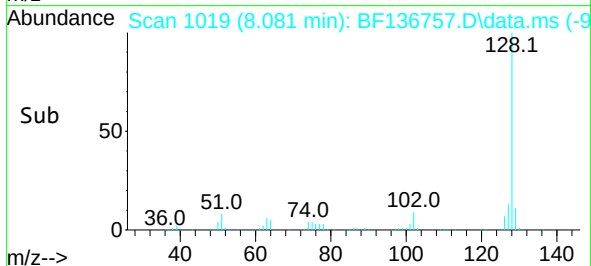
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion:128 Resp: 407225
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.8 16.2

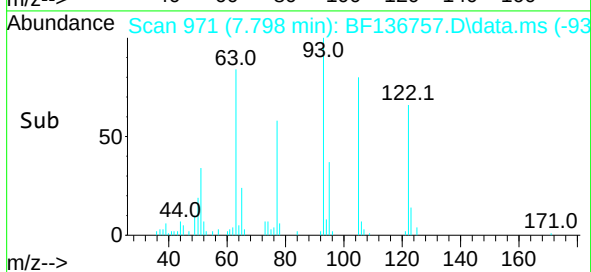
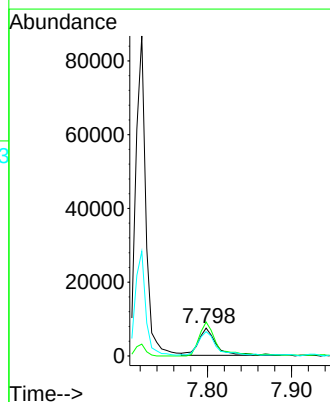
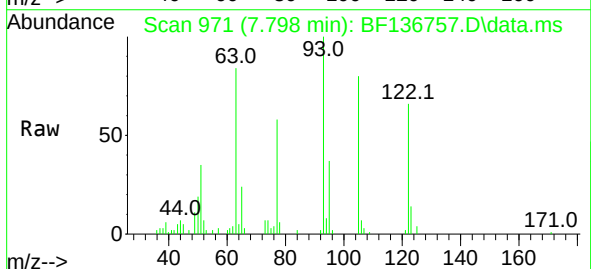
Manual Integrations
APPROVED

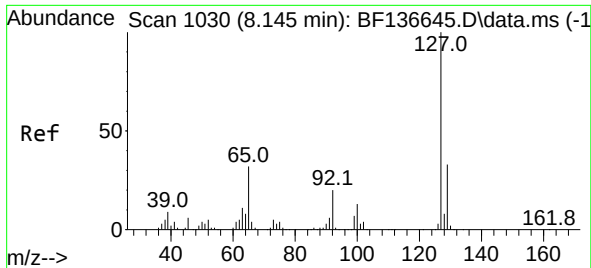
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 4.405 ng m
RT: 7.798 min Scan# 971
Delta R.T. -0.059 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:122 Resp: 10932
Ion Ratio Lower Upper
122 100
105 122.1 100.8 140.8
77 87.9 70.9 110.9





#33
4-Chloroaniline
Concen: 12.185 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

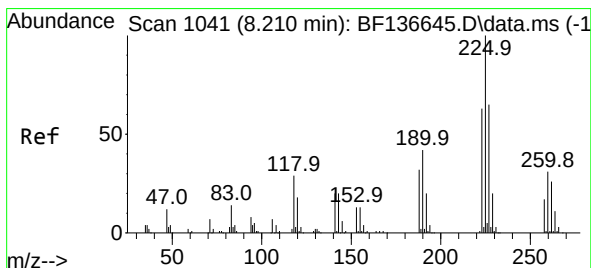
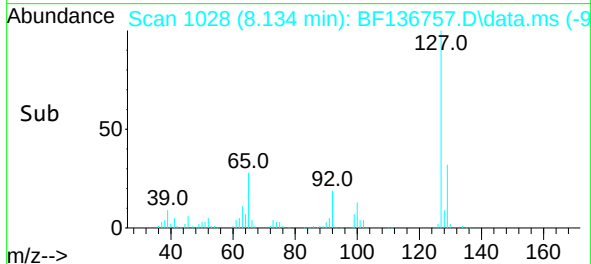
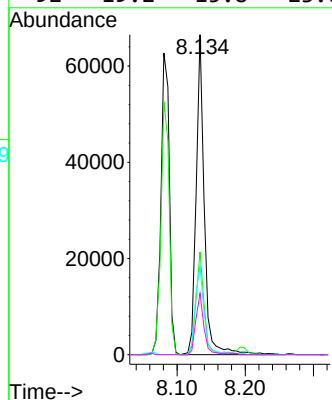
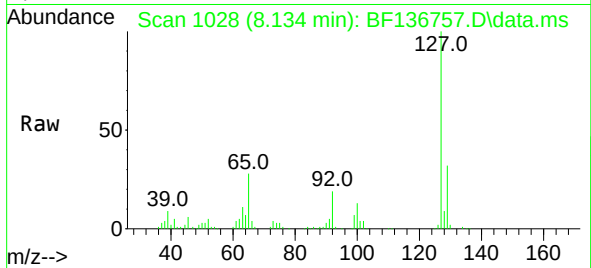
COLTOMSD

Tgt Ion:127 Resp: 55594
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 27.5 25.8 38.8
92 19.2 15.8 23.6

Manual Integrations

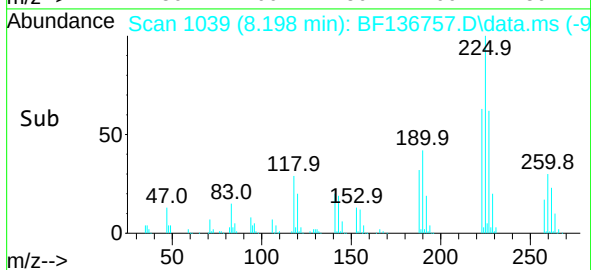
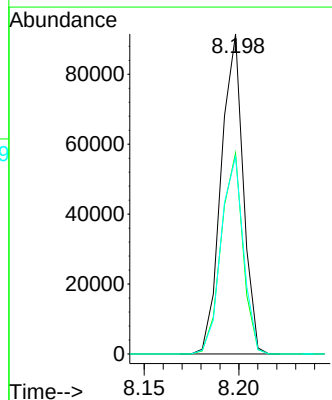
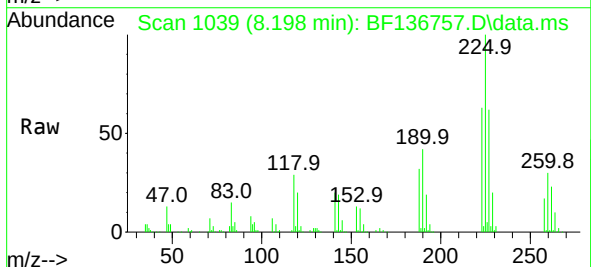
APPROVED

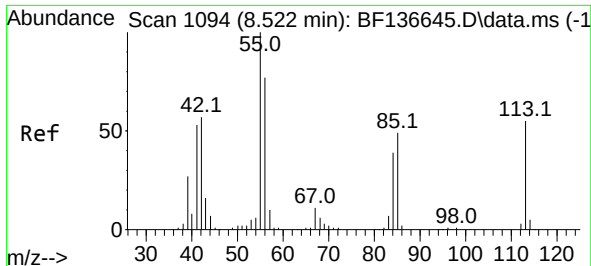
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#34
Hexachlorobutadiene
Concen: 33.137 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

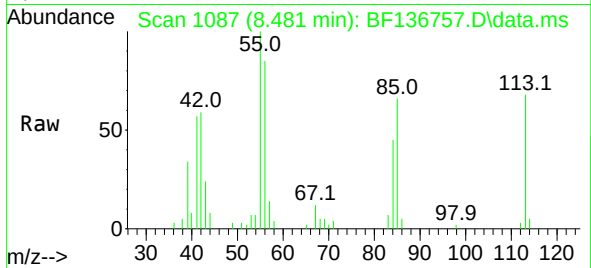
Tgt Ion:225 Resp: 74070
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 61.7 51.9 77.9





#35
Caprolactam
Concen: 5.167 ng
RT: 8.481 min Scan# 1094
Delta R.T. -0.041 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

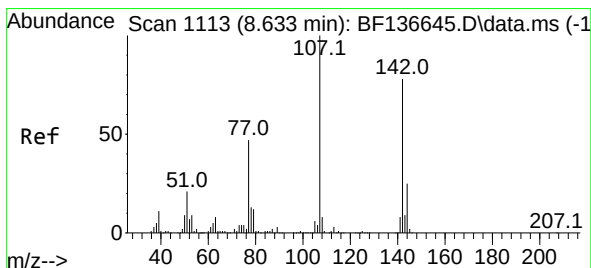
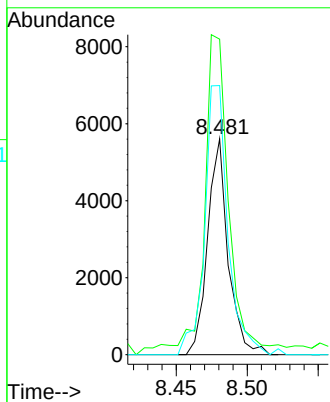
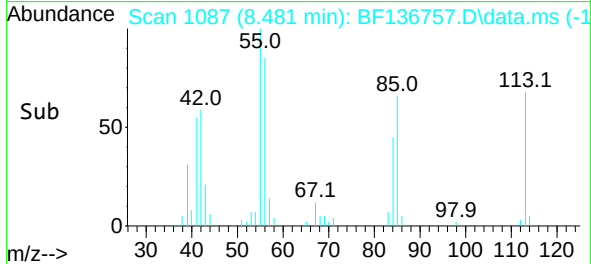
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion:113 Resp: 5629
Ion Ratio Lower Upper
113 100
55 146.2 163.1 203.1
56 124.7 121.7 161.7

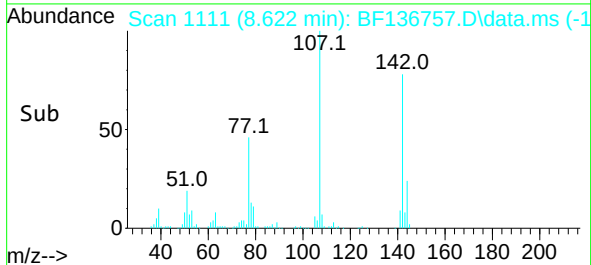
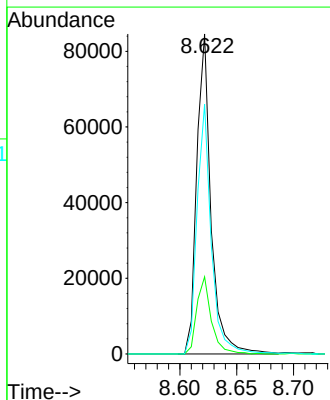
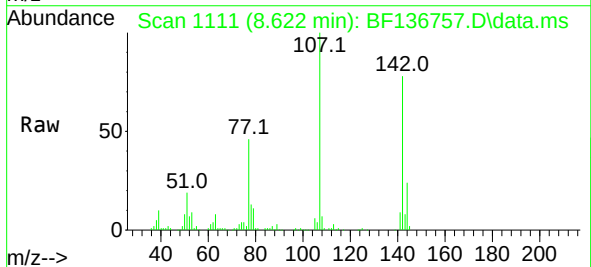
Manual Integrations
APPROVED

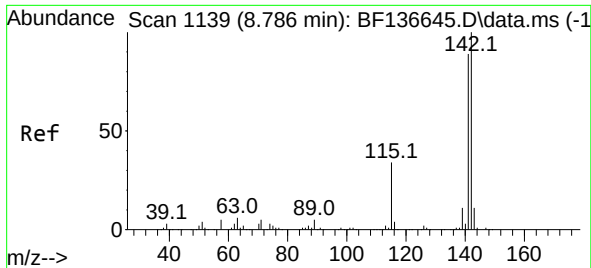
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#36
4-Chloro-3-methylphenol
Concen: 19.976 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

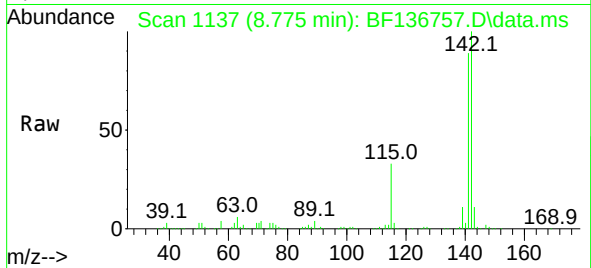
Tgt Ion:107 Resp: 74257
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 78.0 62.3 93.5





#37
2-Methylnaphthalene
Concen: 31.961 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

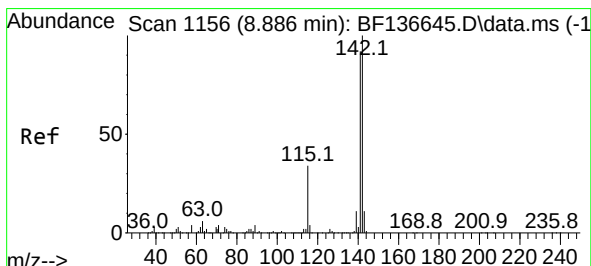
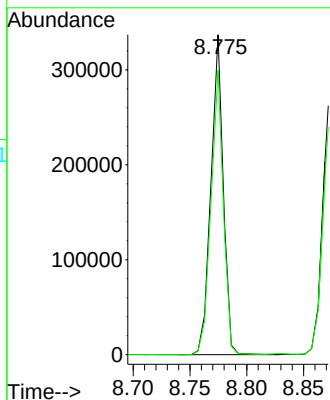
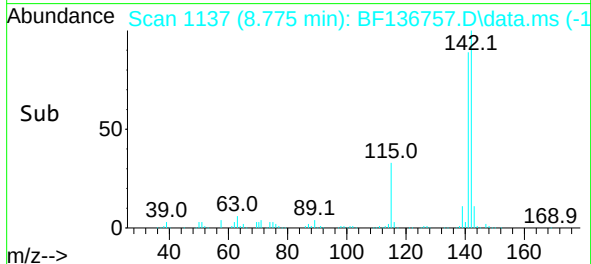
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion:142 Resp: 25418
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7

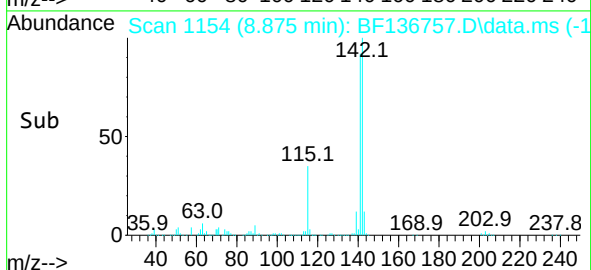
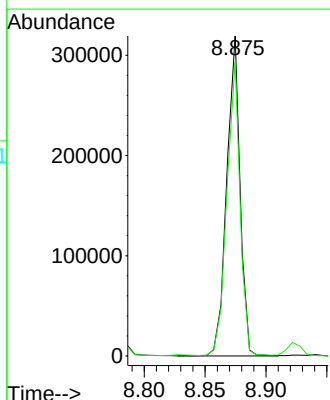
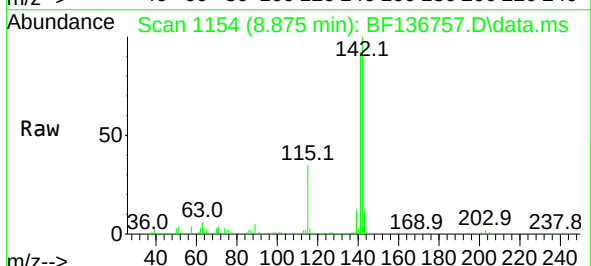
Manual Integrations
APPROVED

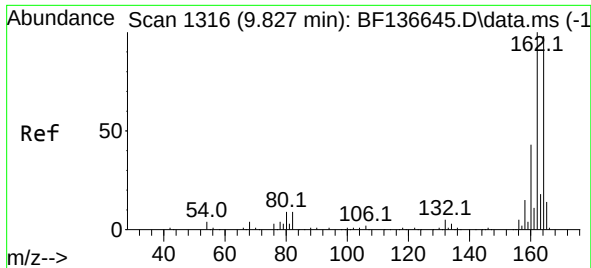
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#38
1-Methylnaphthalene
Concen: 31.228 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

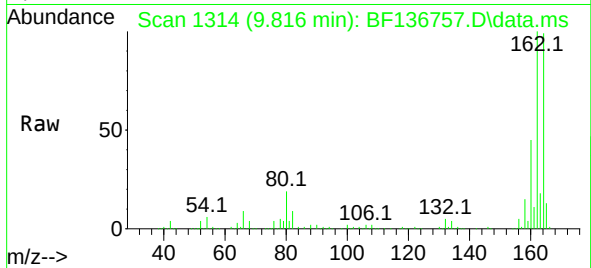
Tgt Ion:142 Resp: 243652
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

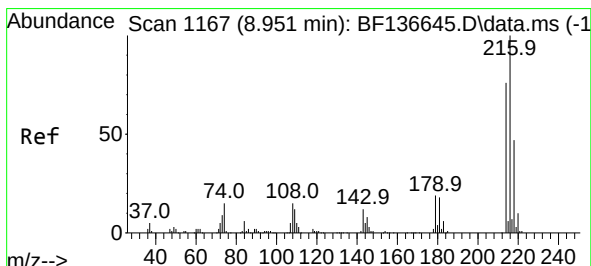
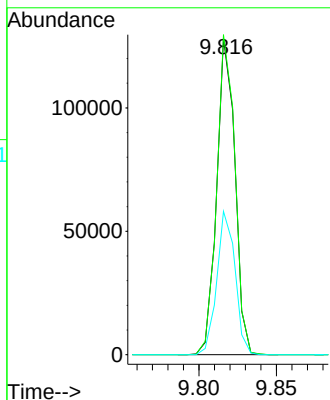
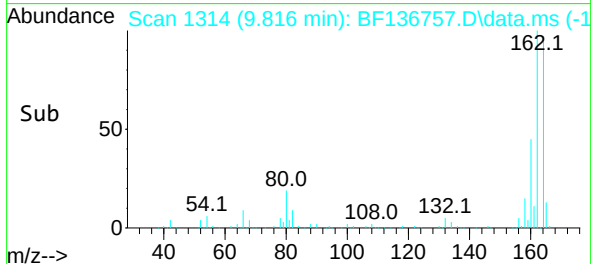
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



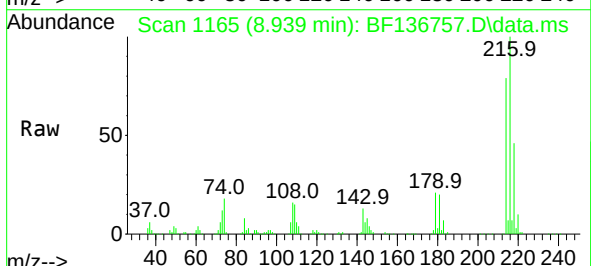
Tgt Ion:164 Resp: 104762
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.4 34.9 52.3

Manual Integrations
APPROVED

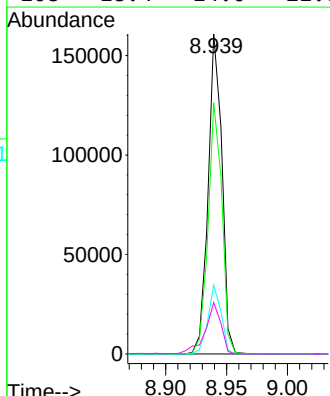
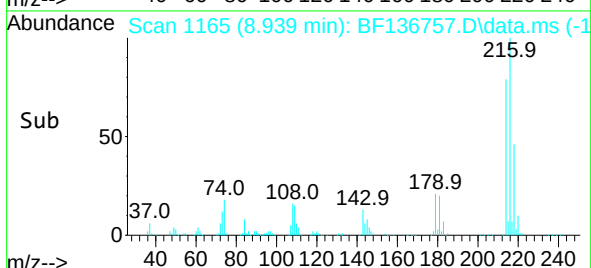
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

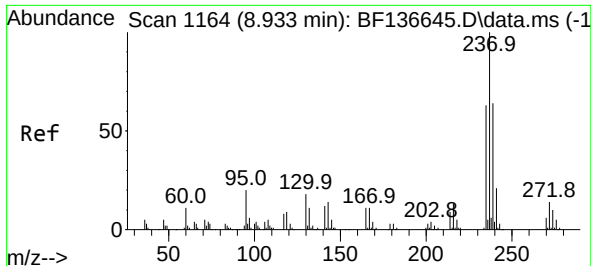


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.073 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



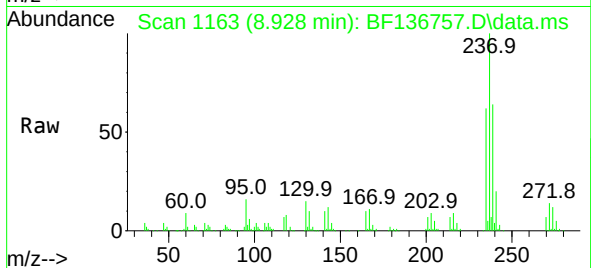
Tgt Ion:216 Resp: 126770
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 20.6 16.4 24.6
108 18.4 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 89.775 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

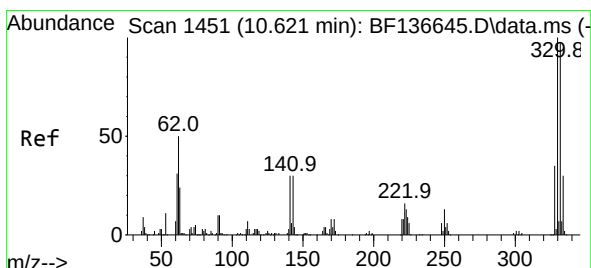
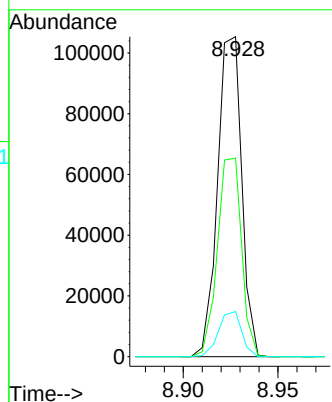
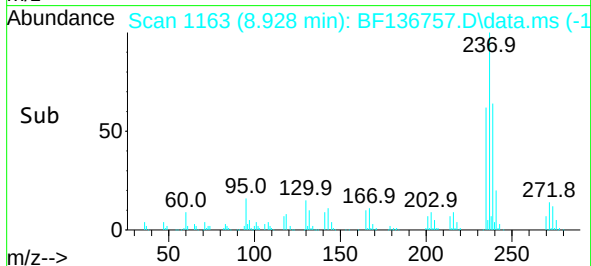
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



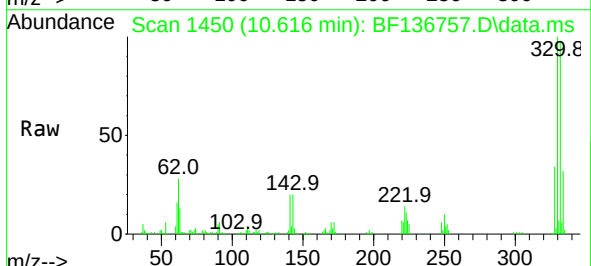
Tgt Ion:237 Resp: 93529
Ion Ratio Lower Upper
237 100
235 62.1 43.2 83.2
272 14.1 0.0 34.2

Manual Integrations
APPROVED

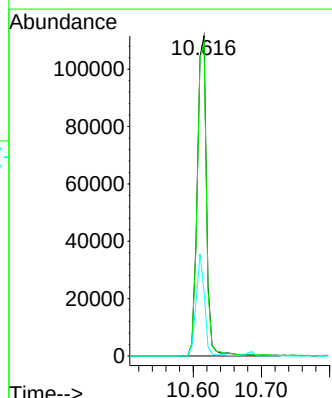
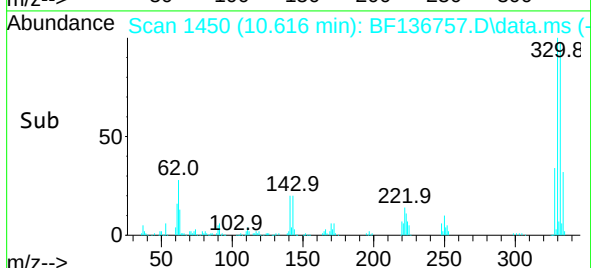
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

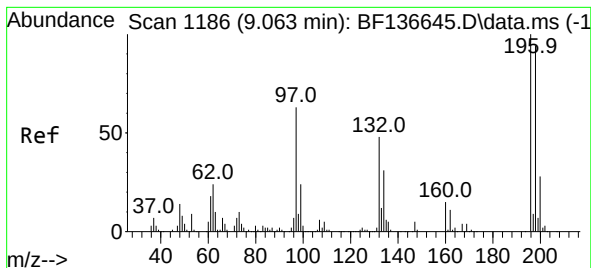


#42
2,4,6-Tribromophenol
Concen: 84.953 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:330 Resp: 104816
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 28.9 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 25.547 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

Tgt Ion:196 Resp: 5315

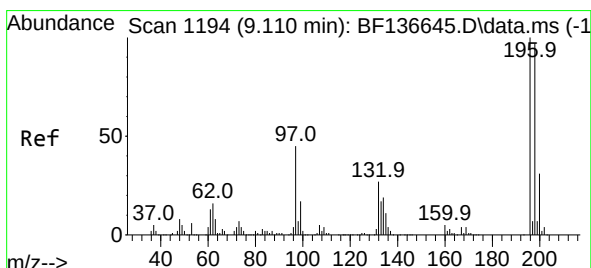
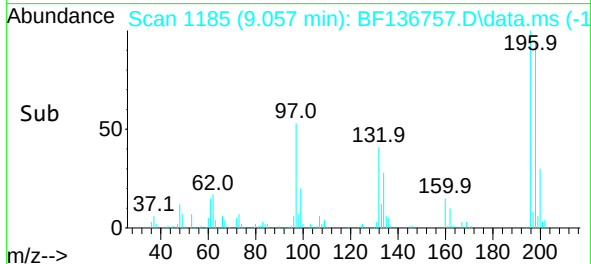
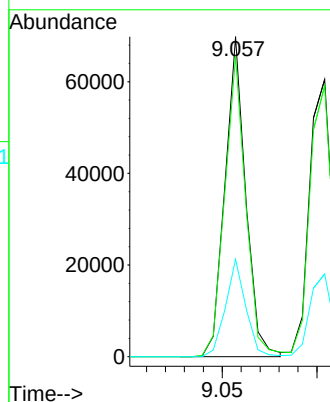
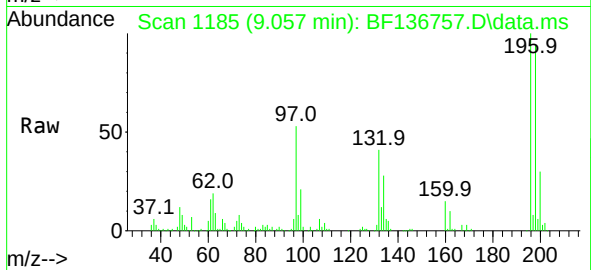
Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.1	112.7
200	30.5	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#44

2,4,5-Trichlorophenol

Concen: 23.744 ng

RT: 9.104 min Scan# 1193

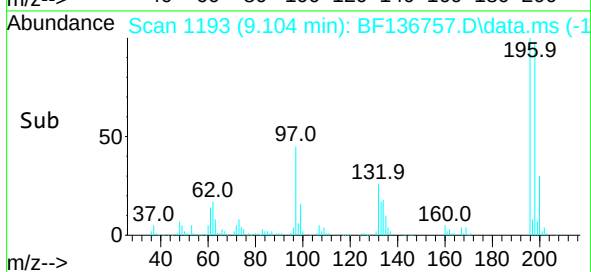
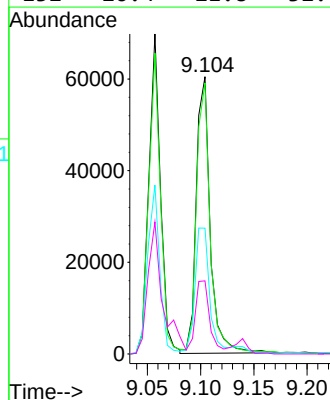
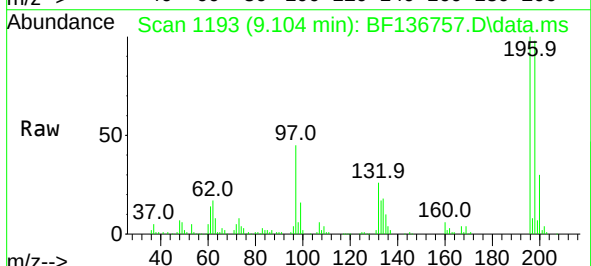
Delta R.T. -0.006 min

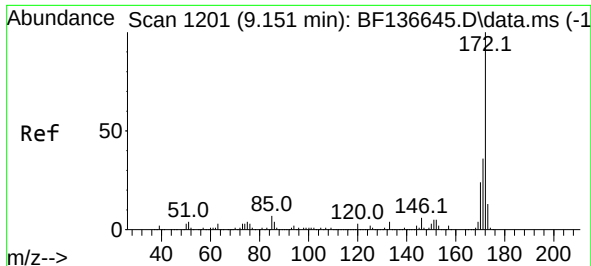
Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Tgt Ion:196 Resp: 55054

Ion	Ratio	Lower	Upper
196	100		
198	97.7	77.0	115.6
97	45.4	36.1	54.1
132	26.4	21.8	32.6





#45

2-Fluorobiphenyl

Concen: 69.764 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

Tgt Ion:172 Resp: 543390

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

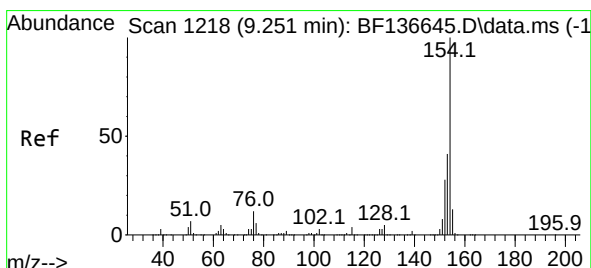
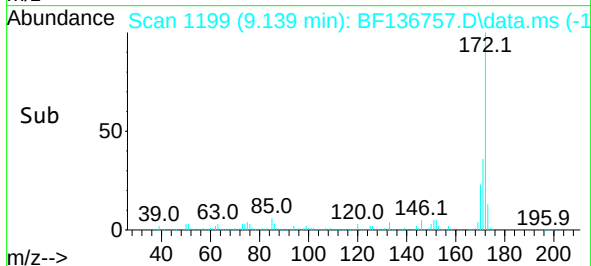
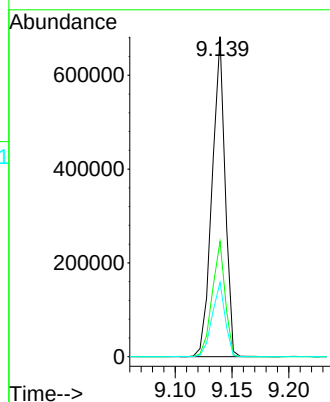
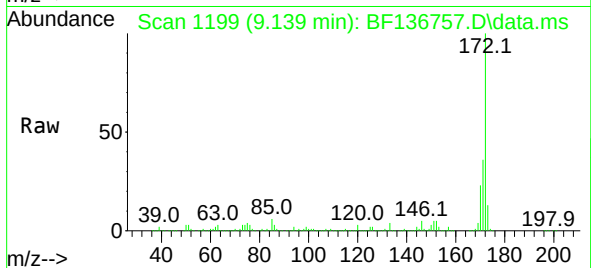
170 23.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#46

1,1'-Biphenyl

Concen: 36.825 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

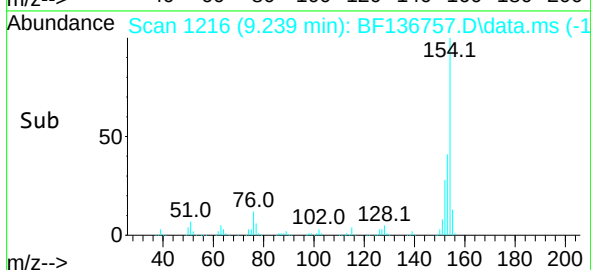
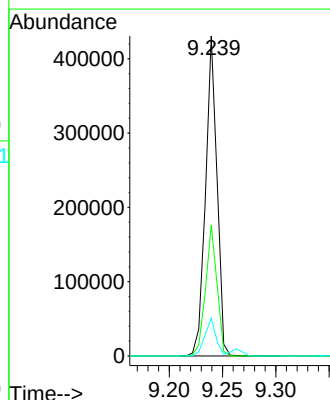
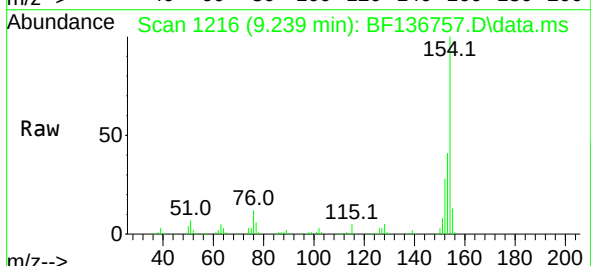
Tgt Ion:154 Resp: 323735

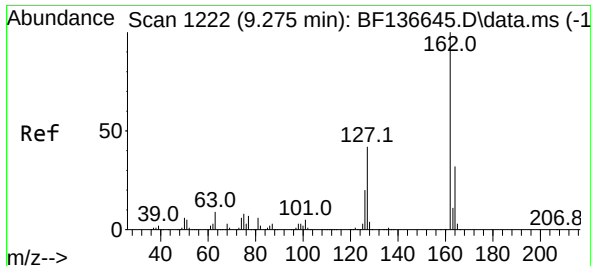
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 11.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 35.730 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

Tgt Ion:162 Resp: 238792

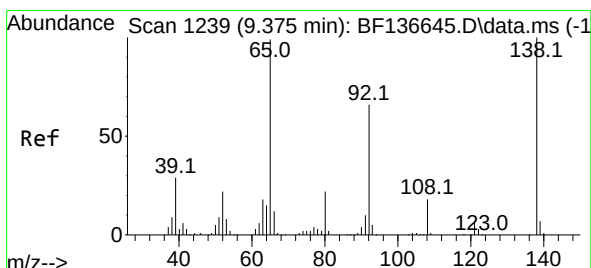
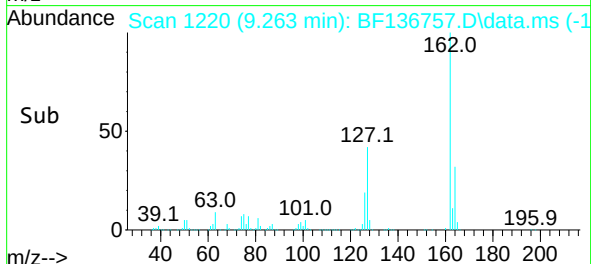
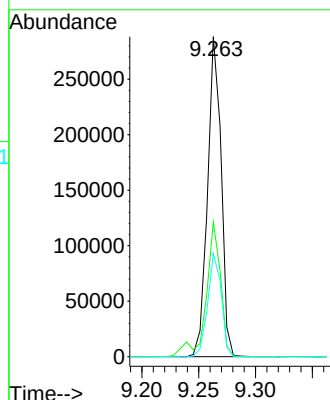
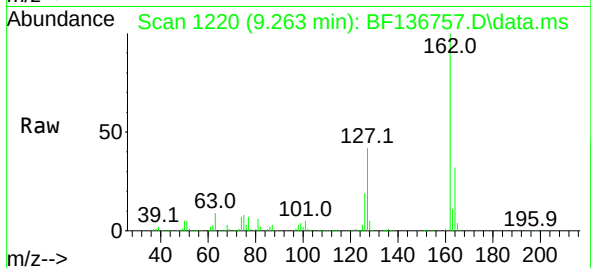
Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.6	50.4
164	32.2	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#48

2-Nitroaniline

Concen: 34.026 ng

RT: 9.363 min Scan# 1237

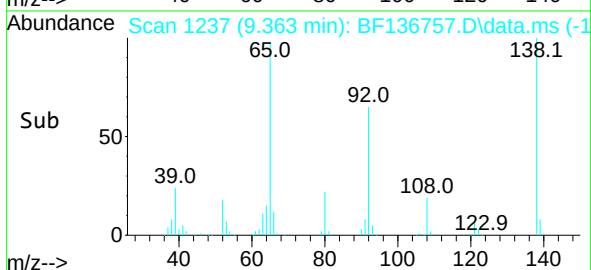
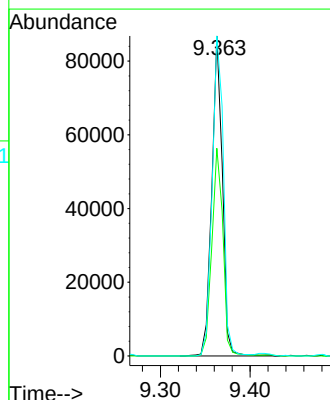
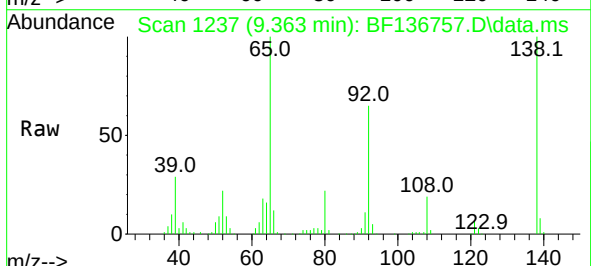
Delta R.T. -0.012 min

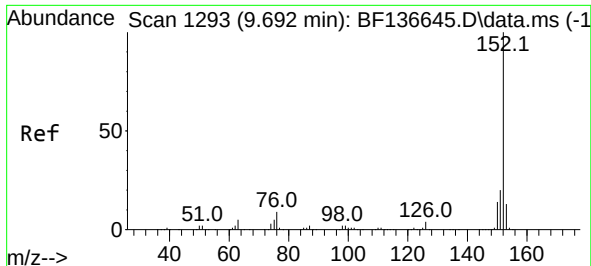
Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Tgt Ion: 65 Resp: 71210

Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.2	79.8
138	100.0	81.1	121.7





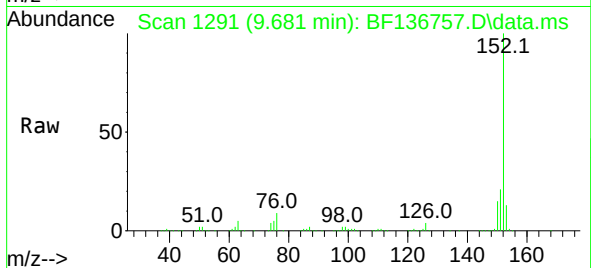
#49
Acenaphthylene
Concen: 37.628 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD



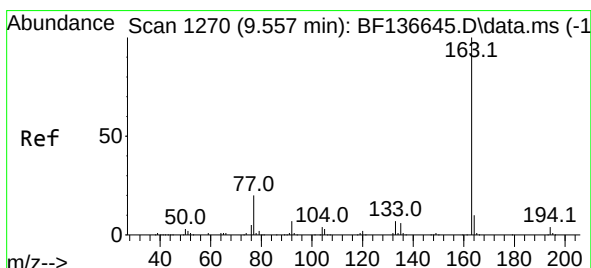
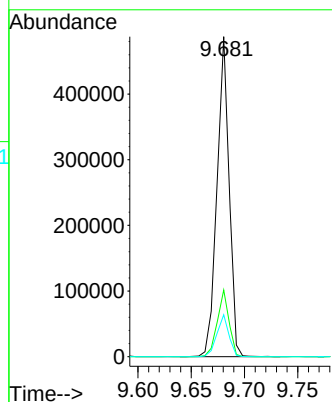
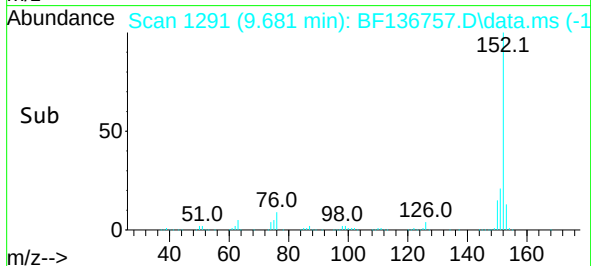
Tgt Ion:152 Resp: 384372
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.1 10.2 15.2

Manual Integrations

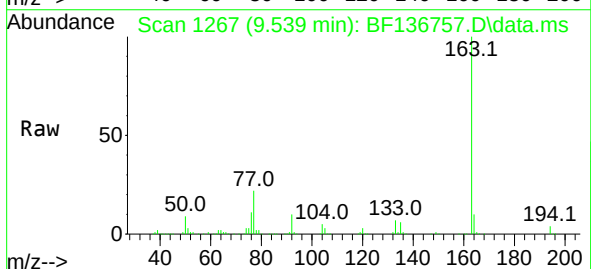
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

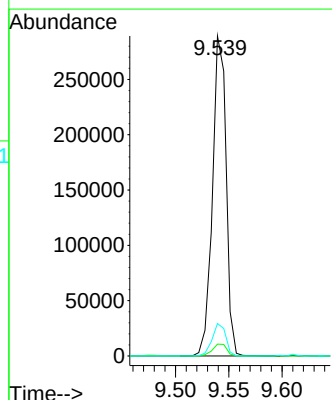
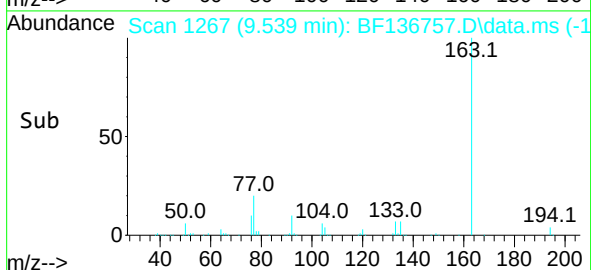
Supervised By :mohammad ahmed 12/28/2023

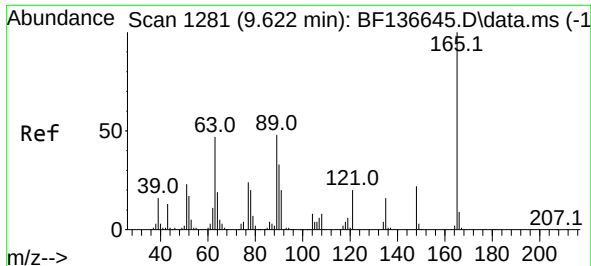


#50
Dimethylphthalate
Concen: 33.625 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:163 Resp: 257303
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.1 7.8 11.6





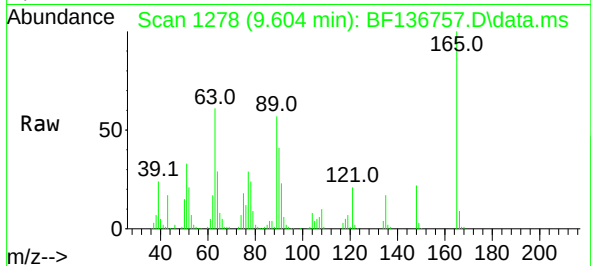
#51
2,6-Dinitrotoluene
Concen: 32.722 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

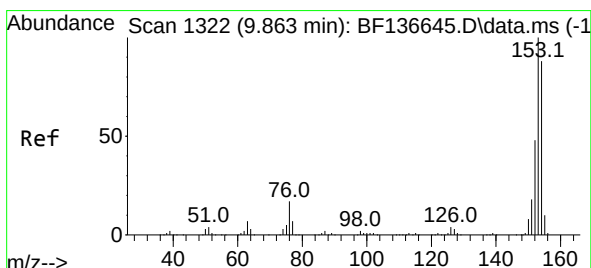
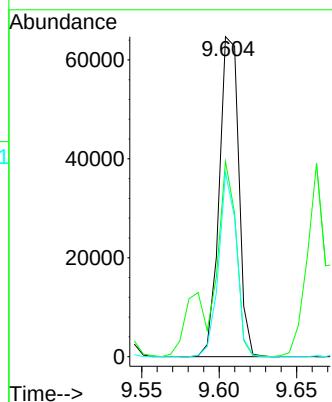
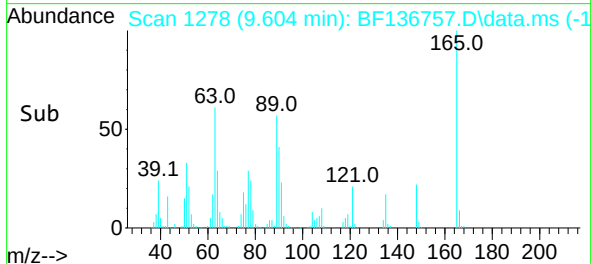


Tgt Ion:165 Resp: 5682
Ion Ratio Lower Upper
165 100
63 61.1 39.8 59.6
89 57.5 38.8 58.2

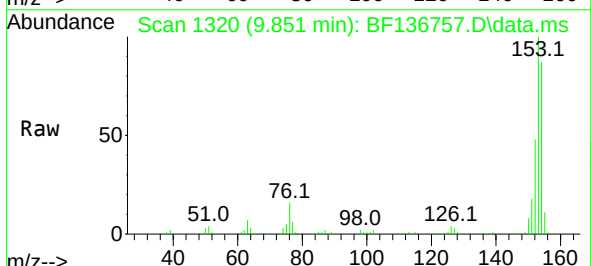
Manual Integrations

APPROVED

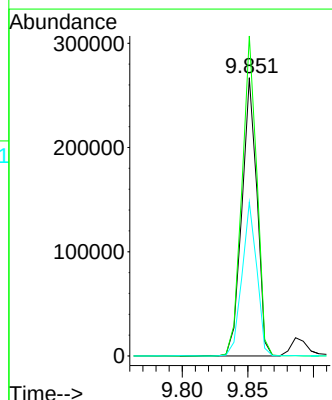
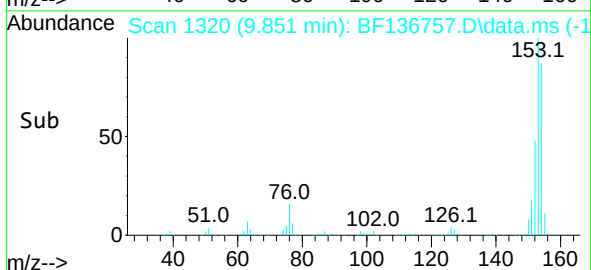
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

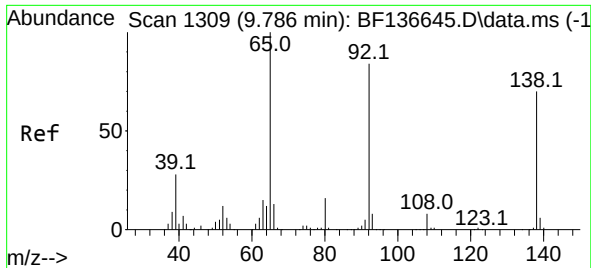


#52
Acenaphthene
Concen: 33.735 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:154 Resp: 213613
Ion Ratio Lower Upper
154 100
153 115.0 90.7 136.1
152 55.2 43.7 65.5





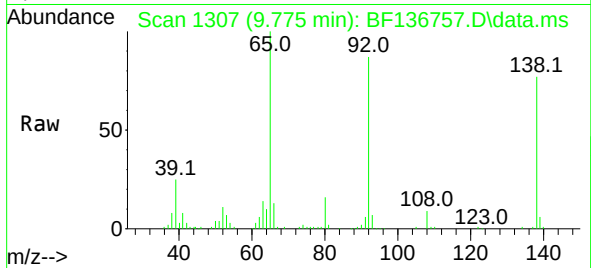
#53
3-Nitroaniline
Concen: 16.573 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

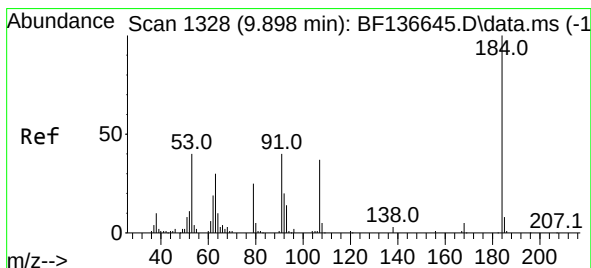
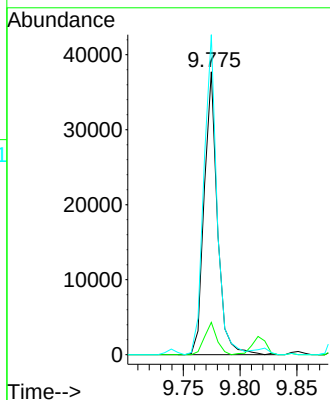
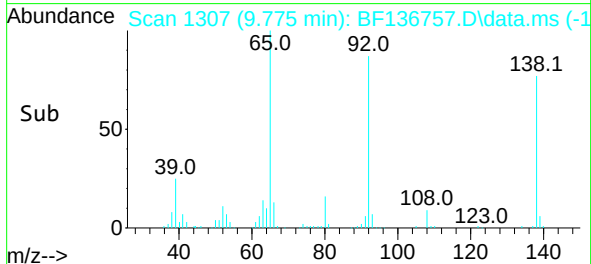


Tgt Ion:138 Resp: 30488
Ion Ratio Lower Upper
138 100
108 11.5 8.6 12.8
92 113.1 95.2 142.8

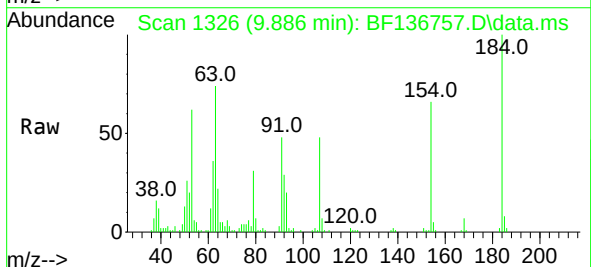
Manual Integrations

APPROVED

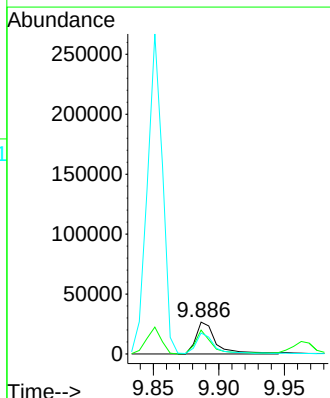
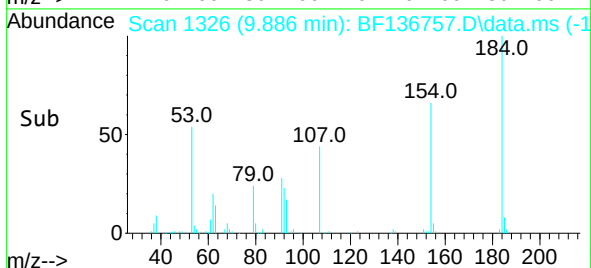
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

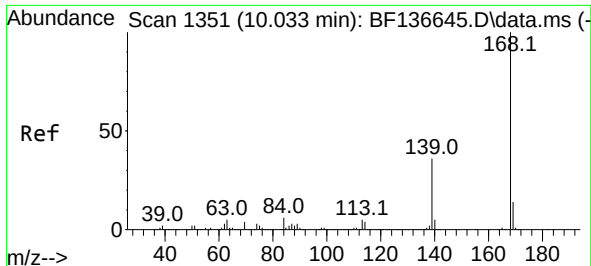


#54
2,4-Dinitrophenol
Concen: 32.050 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



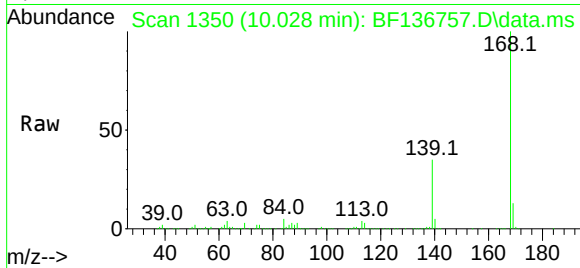
Tgt Ion:184 Resp: 28588
Ion Ratio Lower Upper
184 100
63 74.5 40.9 61.3#
154 65.6 42.7 64.1#





#55
Dibenzenofuran
Concen: 34.823 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

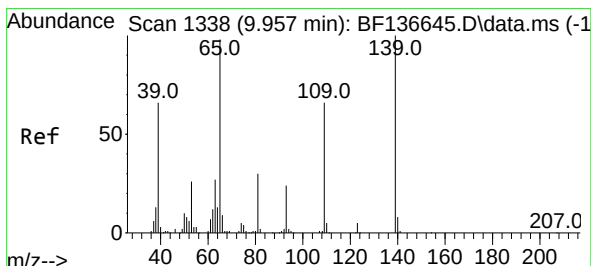
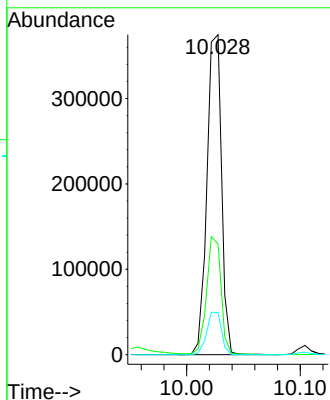
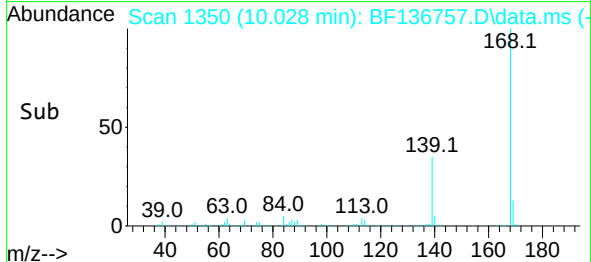
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion:168 Resp: 334258
Ion Ratio Lower Upper
168 100
139 34.6 29.3 43.9
169 13.2 11.0 16.4

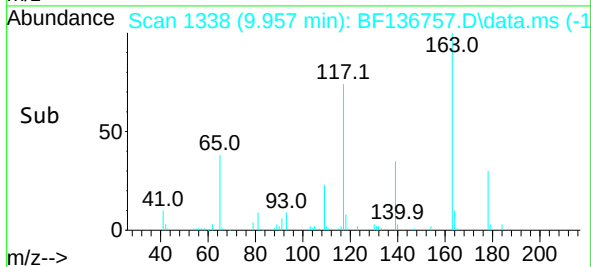
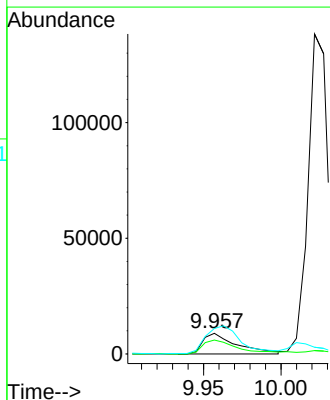
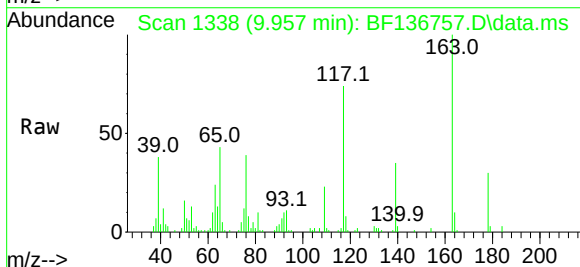
Manual Integrations
APPROVED

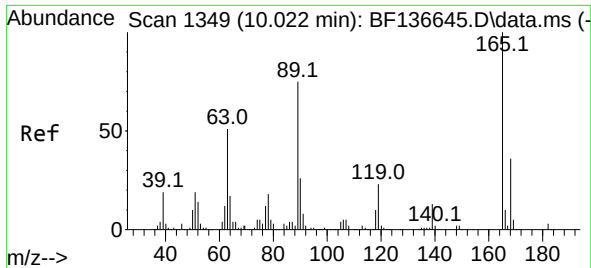
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#56
4-Nitrophenol
Concen: 10.974 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:139 Resp: 13628
Ion Ratio Lower Upper
139 100
109 66.9 45.8 85.8
65 123.0 77.8 117.8#





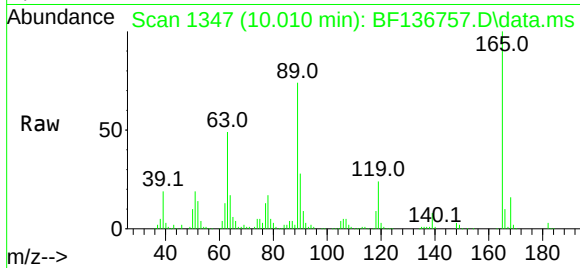
#57
2,4-Dinitrotoluene
Concen: 31.507 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

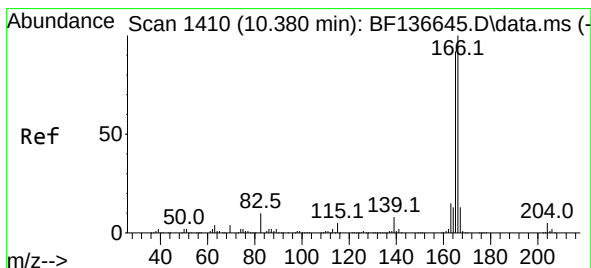
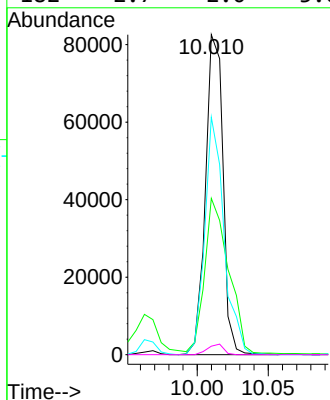
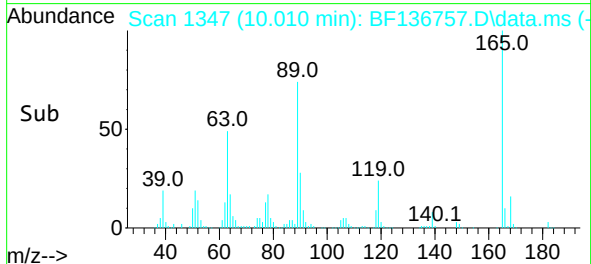


Tgt Ion:165 Resp: 71032
Ion Ratio Lower Upper
165 100
63 48.9 41.0 61.6
89 74.2 59.9 89.9
182 2.7 2.0 3.0

Manual Integrations

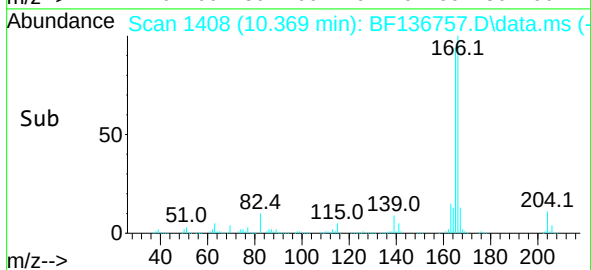
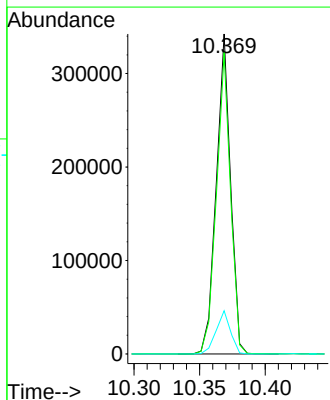
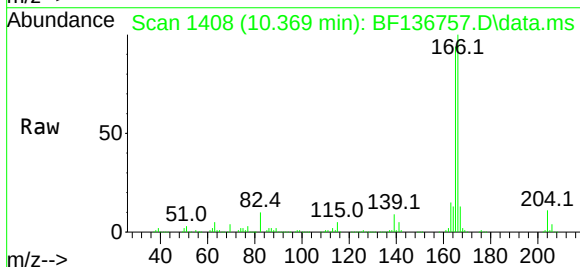
APPROVED

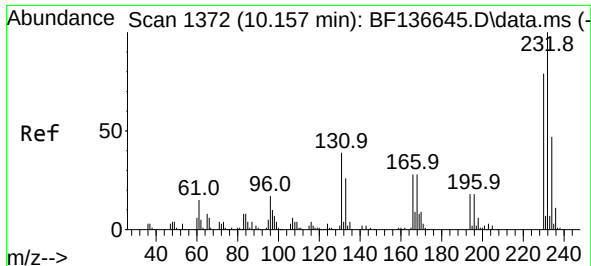
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#58
Fluorene
Concen: 33.982 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

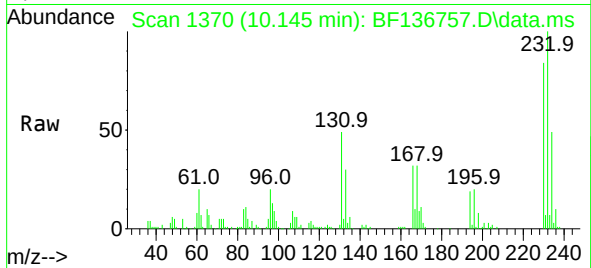
Tgt Ion:166 Resp: 258811
Ion Ratio Lower Upper
166 100
165 94.2 73.7 110.5
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.909 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

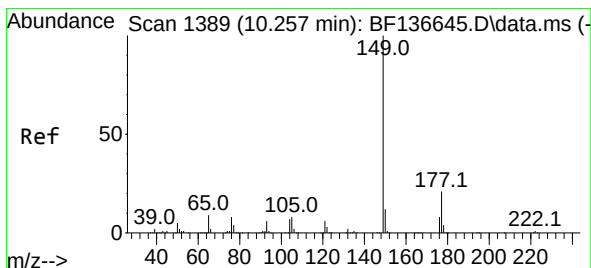
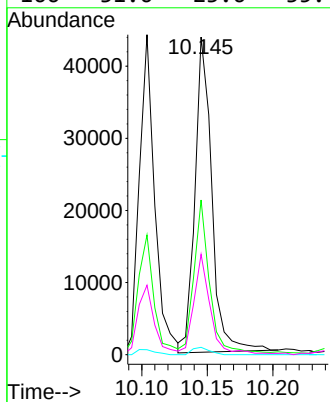
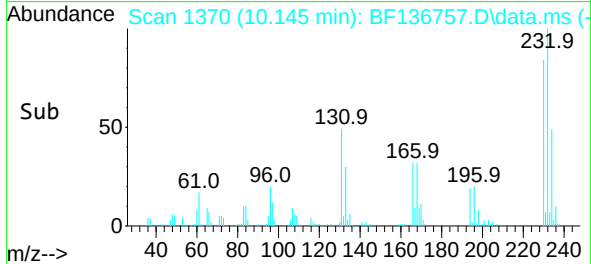
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion:232 Resp: 3910
Ion Ratio Lower Upper
232 100
131 44.2 35.1 52.7
130 2.4 1.6 2.4
166 31.6 23.6 35.4

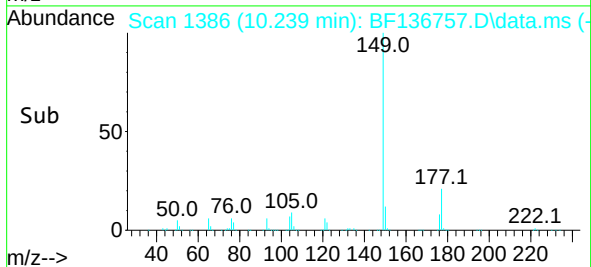
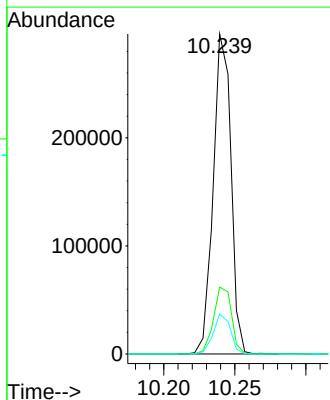
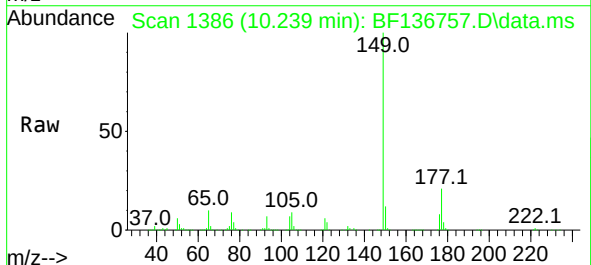
Manual Integrations
APPROVED

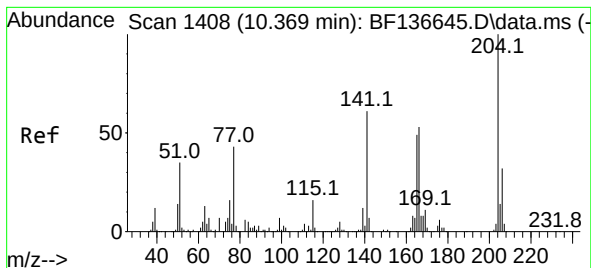
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#60
Diethylphthalate
Concen: 32.381 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.018 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

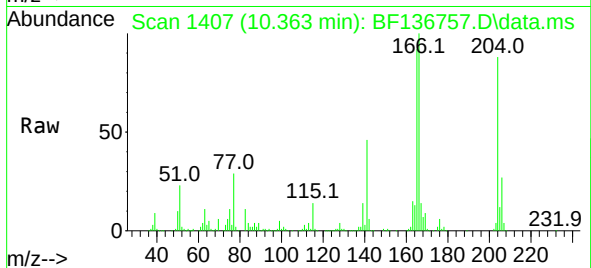
Tgt Ion:149 Resp: 257086
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.5 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 34.122 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

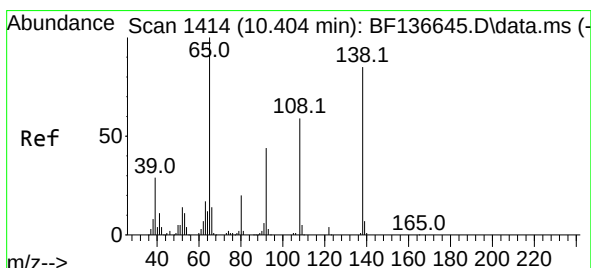
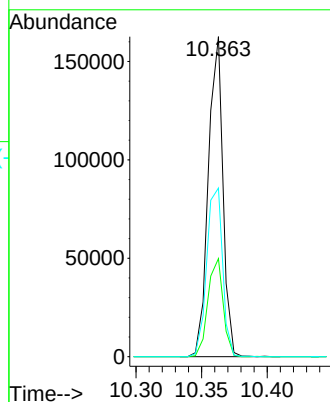
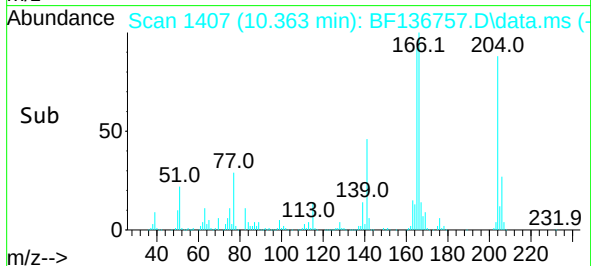
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion:204 Resp: 126319
Ion Ratio Lower Upper
204 100
206 30.6 25.6 38.4
141 52.7 48.4 72.6

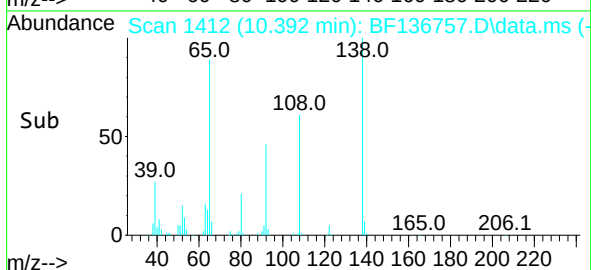
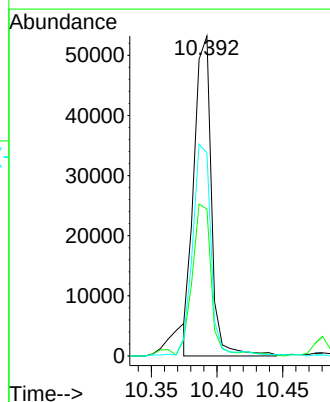
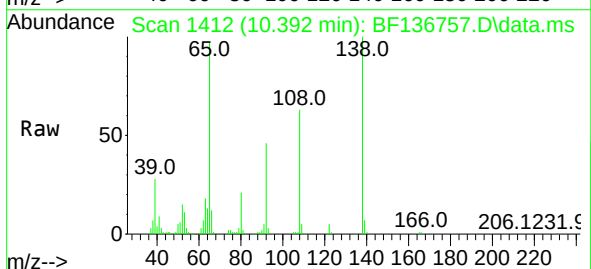
Manual Integrations
APPROVED

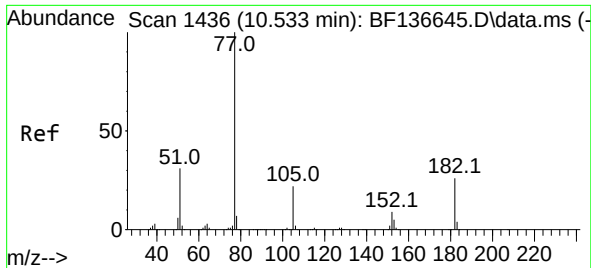
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#62
4-Nitroaniline
Concen: 27.772 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:138 Resp: 49253
Ion Ratio Lower Upper
138 100
92 45.9 32.1 72.1
108 63.5 50.1 90.1





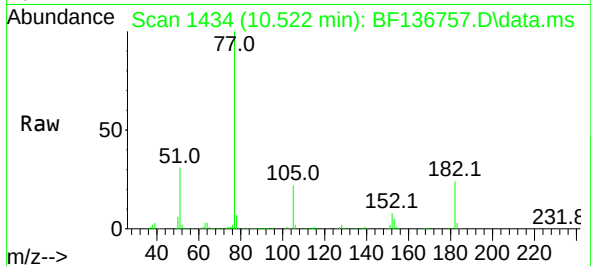
#63
Azobenzene
Concen: 32.318 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD



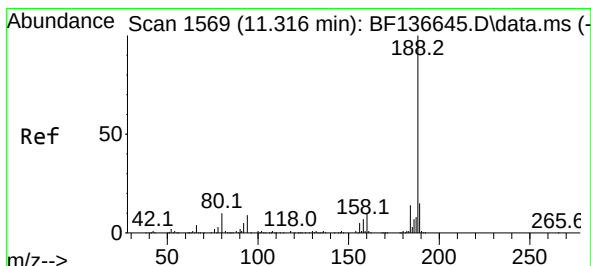
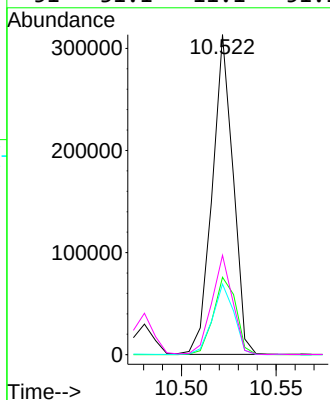
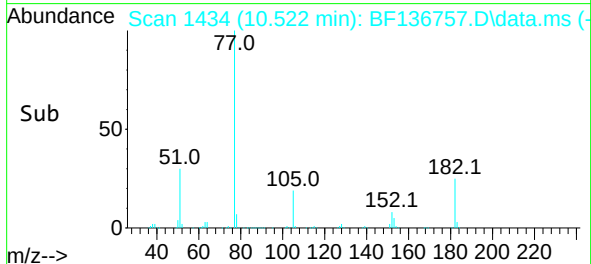
Tgt Ion: 77 Resp: 239654
Ion Ratio Lower Upper
77 100
182 24.2 6.0 46.0
105 22.1 2.3 42.3
51 31.1 11.1 51.1

Manual Integrations

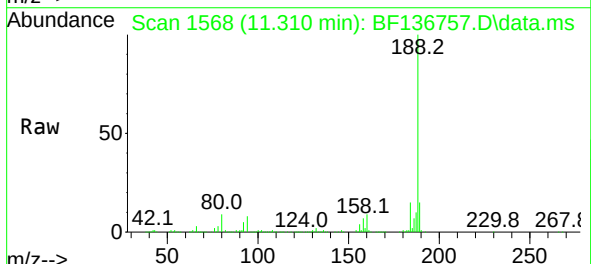
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

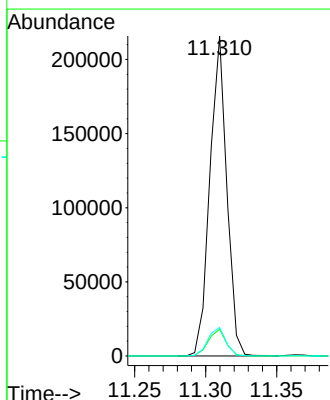
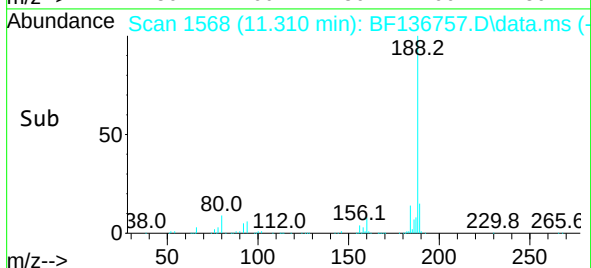
Supervised By :mohammad ahmed 12/28/2023

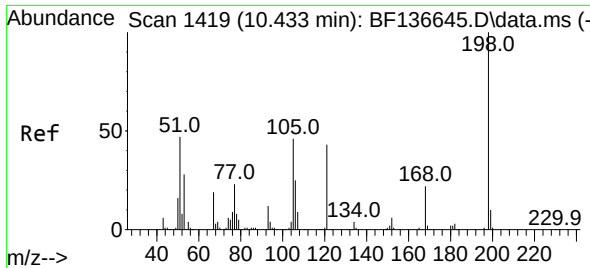


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:188 Resp: 179003
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.9 8.1 12.1





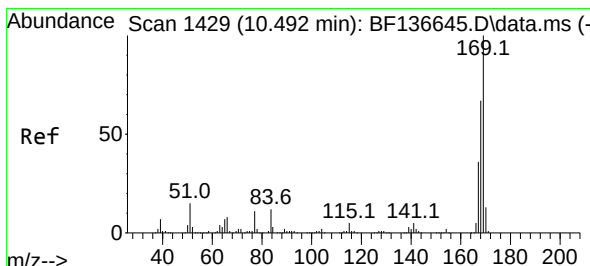
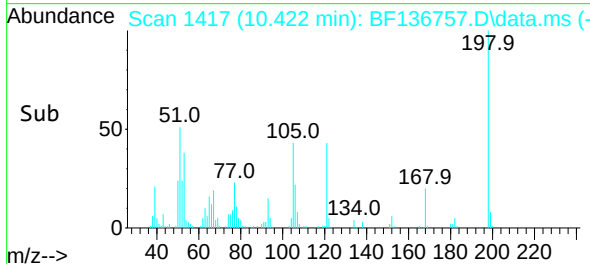
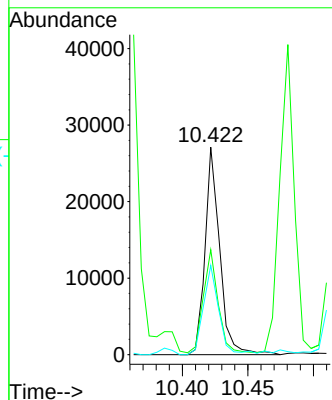
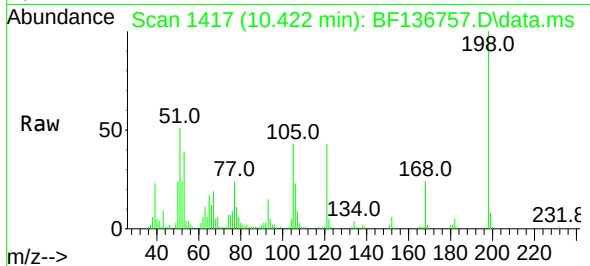
#65
4,6-Dinitro-2-methylphenol
Concen: 20.764 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :
BNA_F
ClientSampleId :
COLTOMSD

Tgt Ion:198 Resp: 2130
Ion Ratio Lower Upper
198 100
51 50.6 34.1 74.1
105 43.0 27.3 67.3

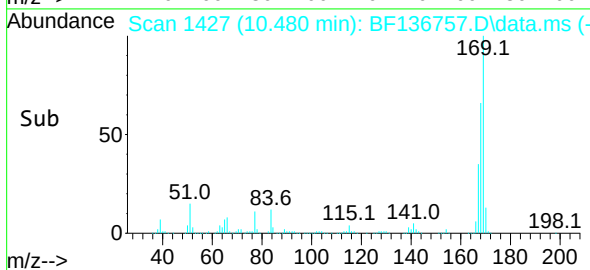
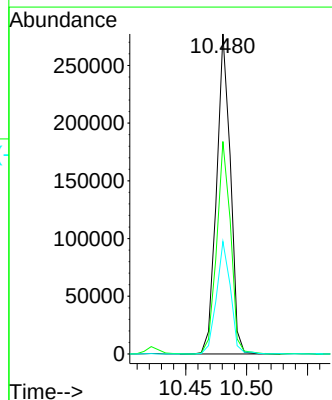
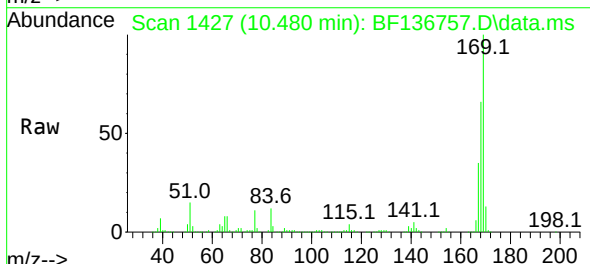
Manual Integrations
APPROVED

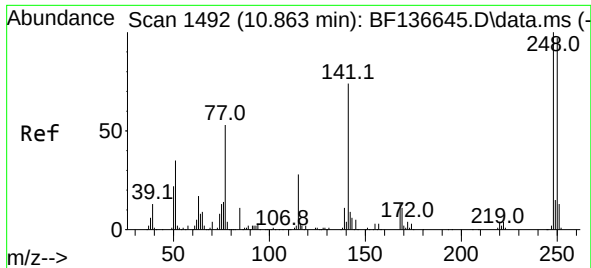
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#66
n-Nitrosodiphenylamine
Concen: 37.636 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:169 Resp: 218848
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 35.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 36.221 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

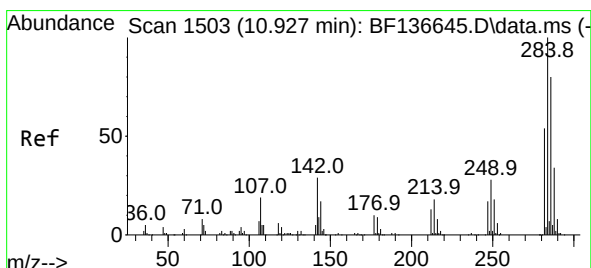
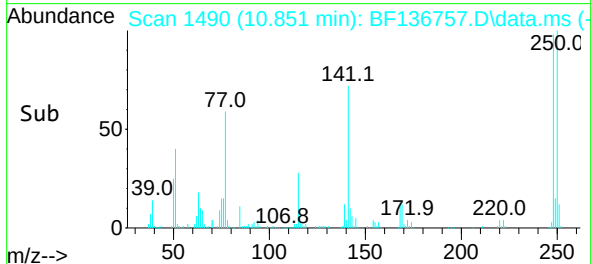
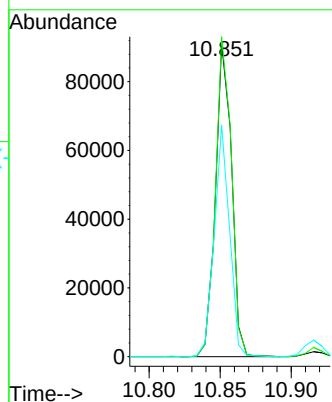
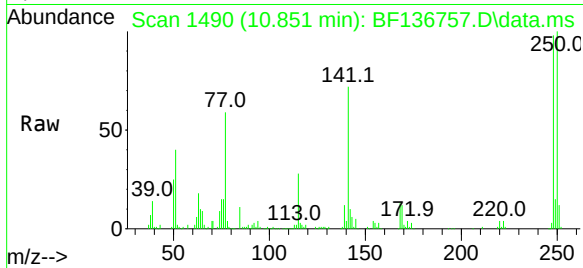
COLTOMSD

Tgt Ion:248 Resp: 72000
Ion Ratio Lower Upper
248 100
250 102.2 77.8 116.6
141 74.0 59.2 88.8

Manual Integrations

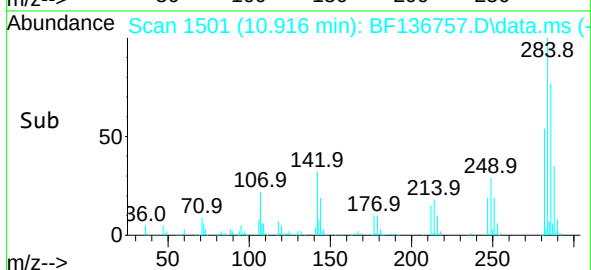
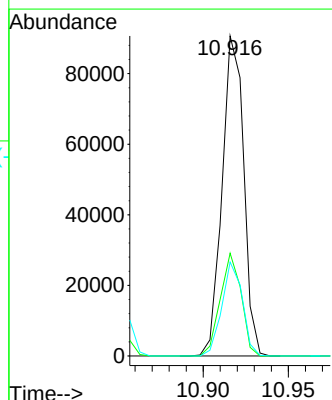
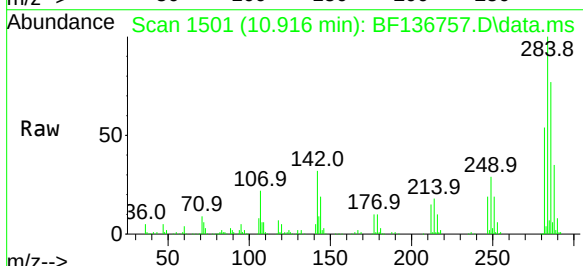
APPROVED

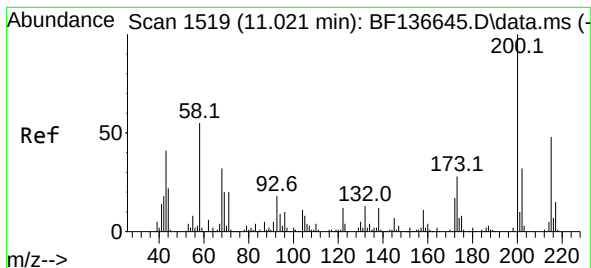
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#68
Hexachlorobenzene
Concen: 36.056 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:284 Resp: 79878
Ion Ratio Lower Upper
284 100
142 32.1 23.4 35.0
249 29.3 22.3 33.5





#69

Atrazine

Concen: 44.343 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

Tgt Ion:200 Resp: 65950

Ion Ratio Lower Upper

200 100

173 26.2 7.6 47.6

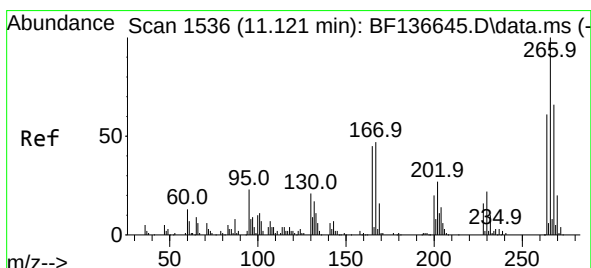
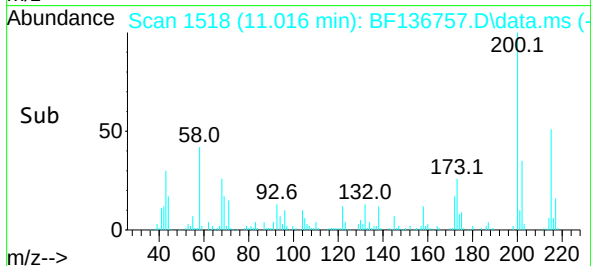
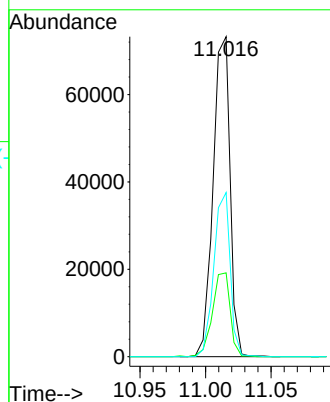
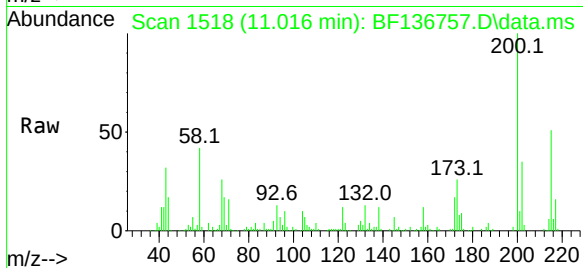
215 51.3 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#70

Pentachlorophenol

Concen: 38.919 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

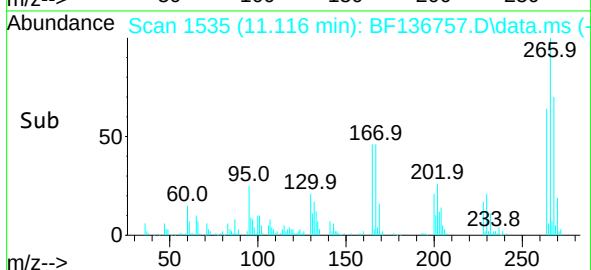
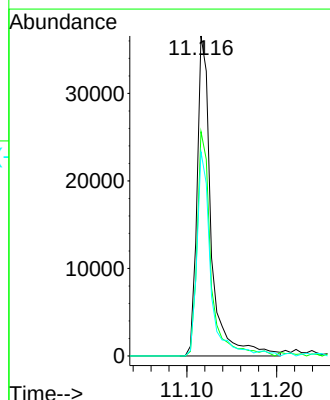
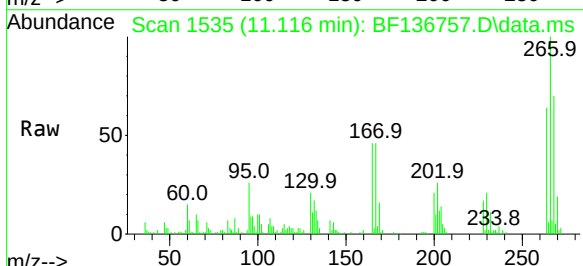
Tgt Ion:266 Resp: 40189

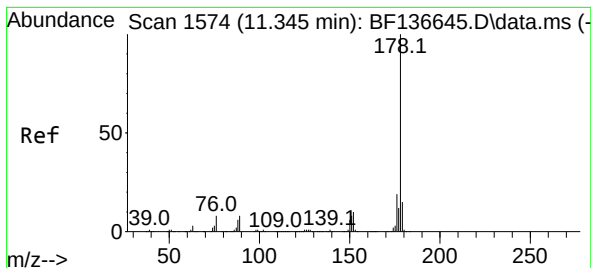
Ion Ratio Lower Upper

266 100

268 70.1 52.6 78.8

264 63.8 49.0 73.4





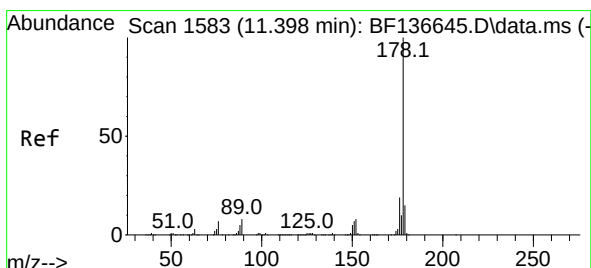
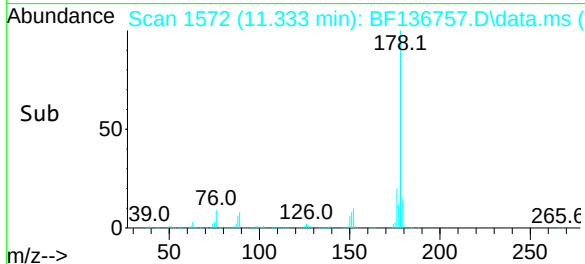
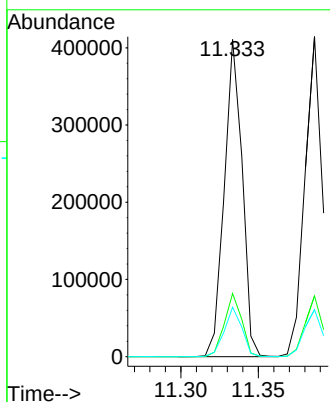
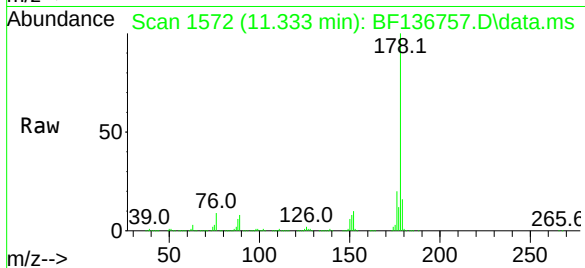
#71
Phenanthrene
Concen: 35.817 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :
BNA_F
ClientSampleId :
COLTOMSD

Tgt Ion:178 Resp: 328970
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 15.6 11.9 17.9

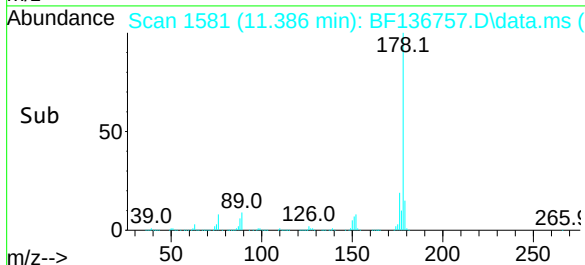
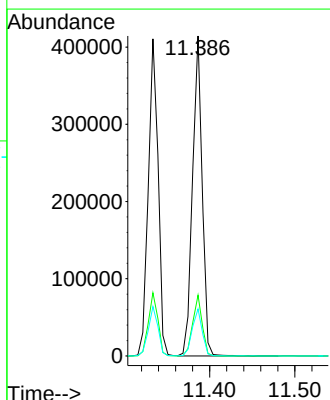
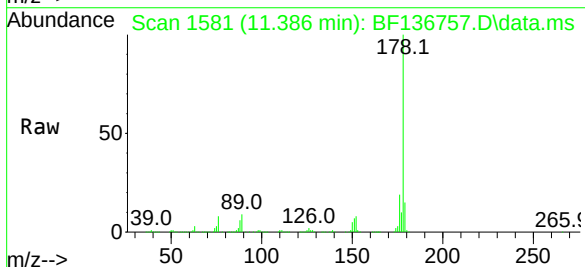
Manual Integrations
APPROVED

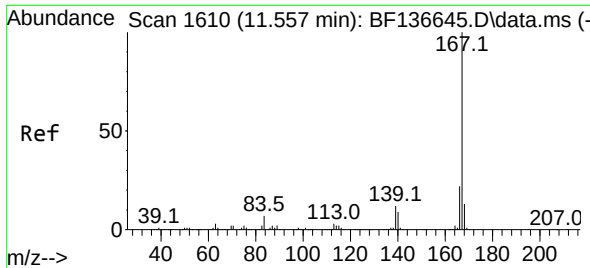
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#72
Anthracene
Concen: 35.091 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

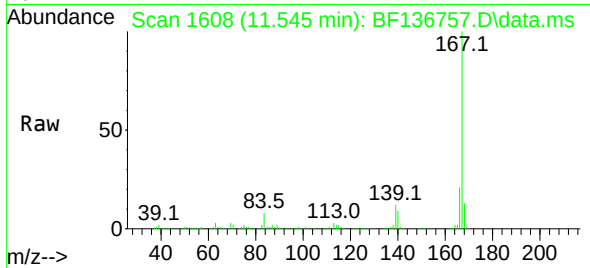
Tgt Ion:178 Resp: 326406
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 14.7 11.8 17.6





#73
 Carbazole
 Concen: 32.632 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136757.D
 Acq: 27 Dec 2023 14:26

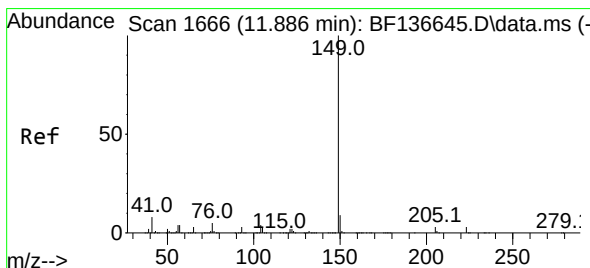
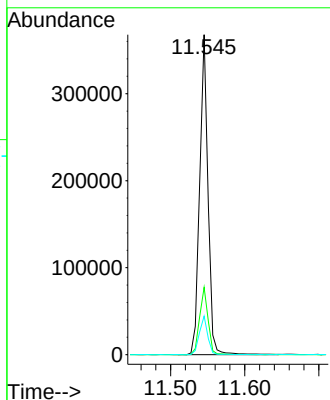
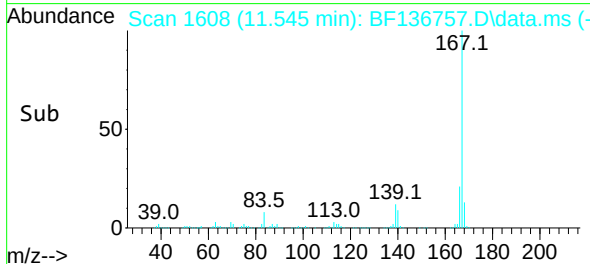
Instrument :
 BNA_F
 ClientSampleId :
 COLTOMSD



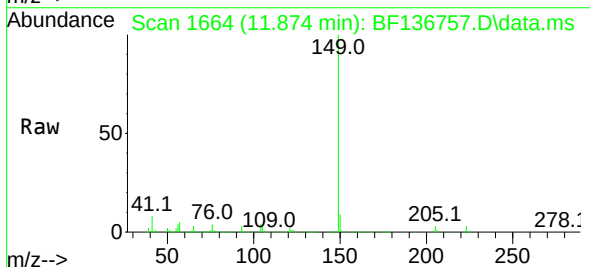
Tgt Ion:167 Resp: 28617
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.1 9.8 14.6

Manual Integrations
 APPROVED

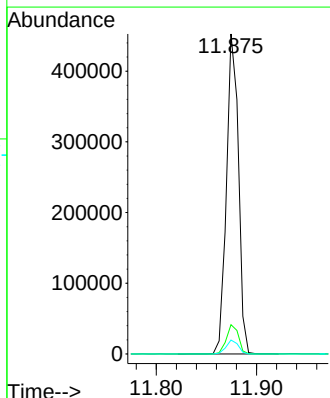
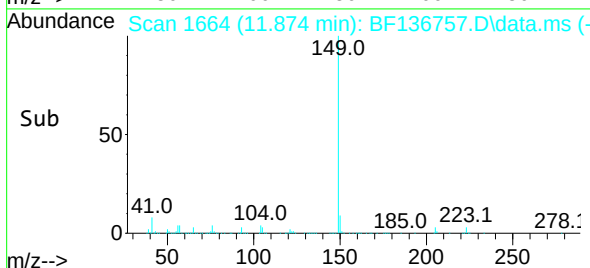
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

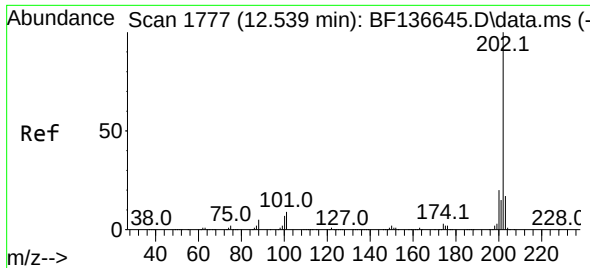


#74
 Di-n-butylphthalate
 Concen: 35.035 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136757.D
 Acq: 27 Dec 2023 14:26



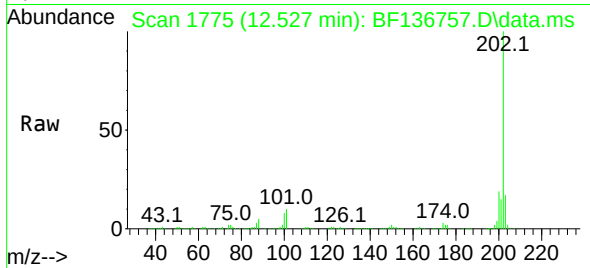
Tgt Ion:149 Resp: 374919
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 31.386 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

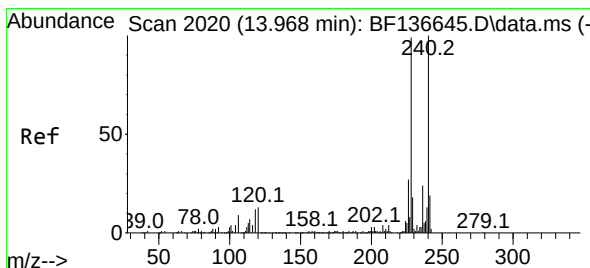
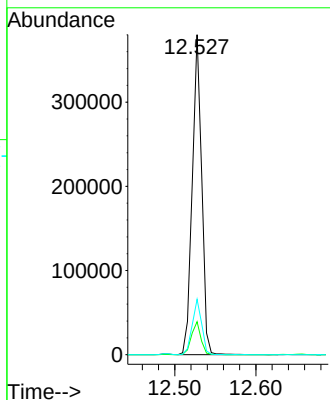
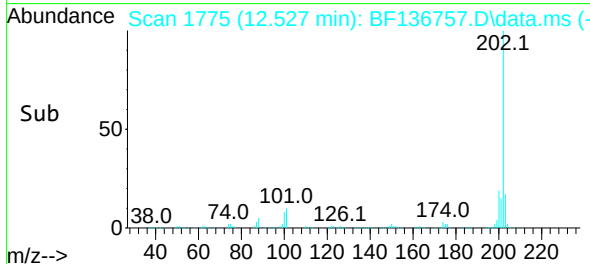
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



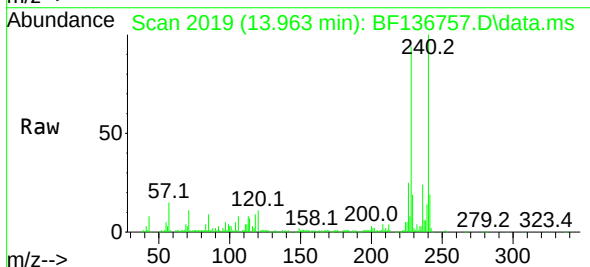
Tgt Ion:202 Resp: 30835
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 17.3 0.0 37.1

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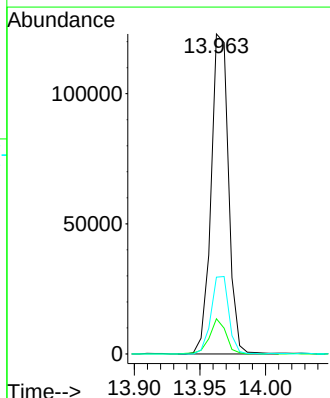
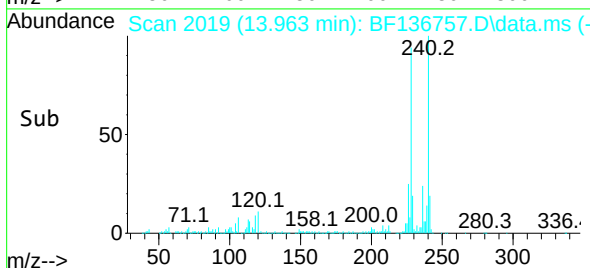
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

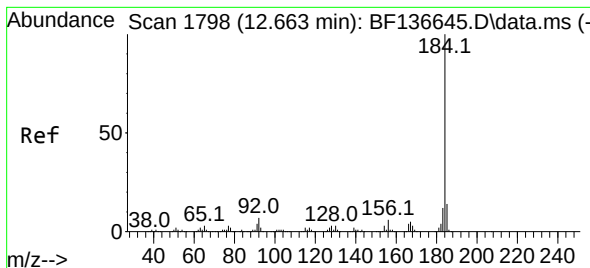


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:240 Resp: 113608
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 24.0 19.4 29.2





#77

Benzidine

Concen: 29.311 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

Tgt Ion:184 Resp: 9818

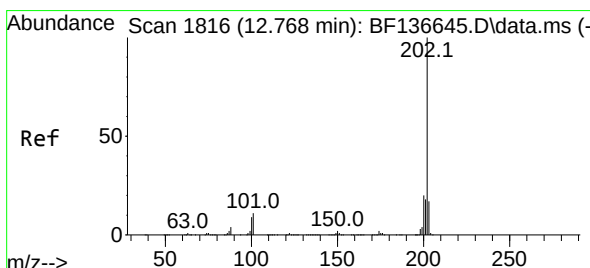
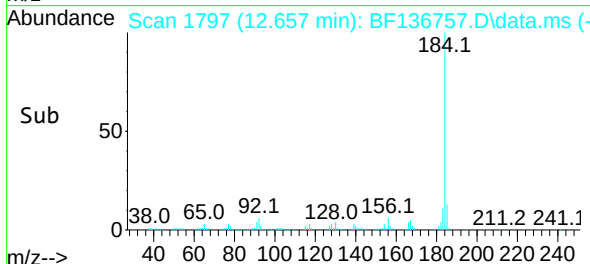
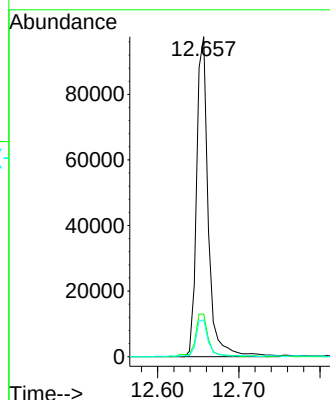
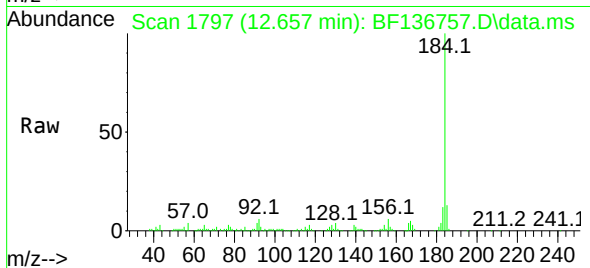
Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.2	16.8
183	11.5	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#78

Pyrene

Concen: 28.031 ng

RT: 12.757 min Scan# 1814

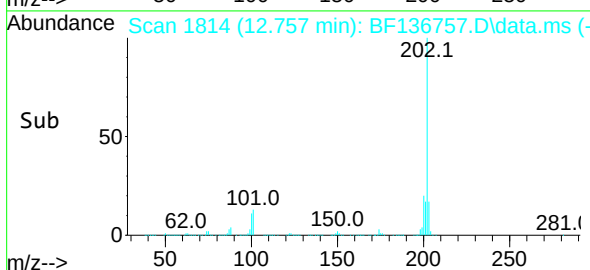
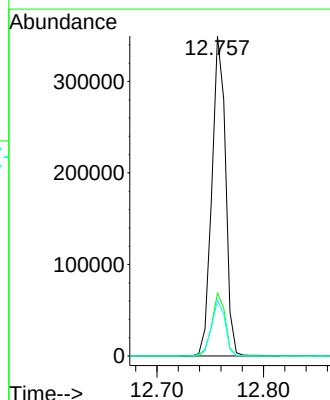
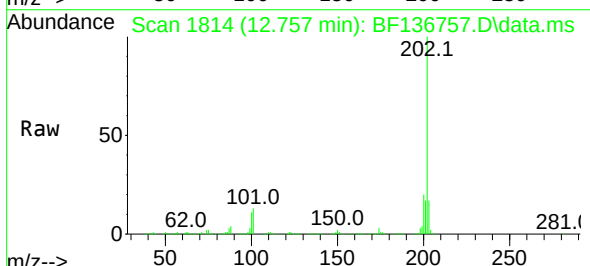
Delta R.T. -0.012 min

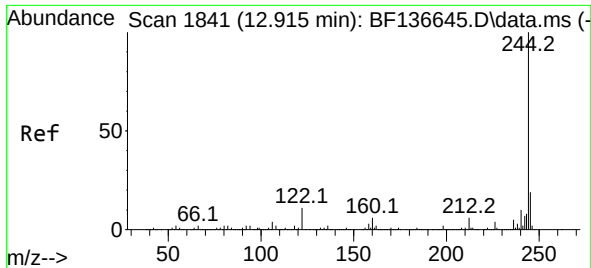
Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Tgt Ion:202 Resp: 312622

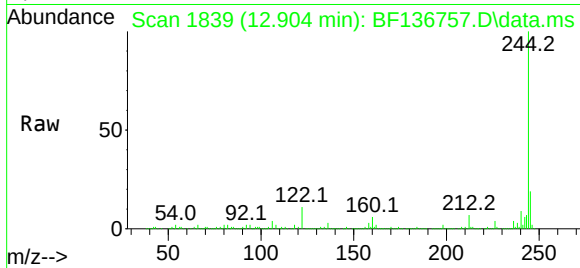
Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.9	23.9
203	17.4	13.8	20.6





#79
Terphenyl-d14
Concen: 58.895 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

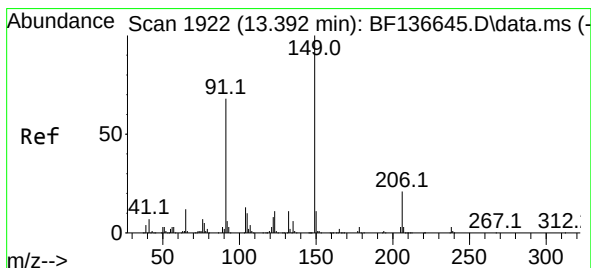
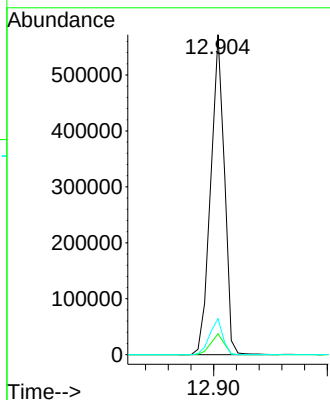
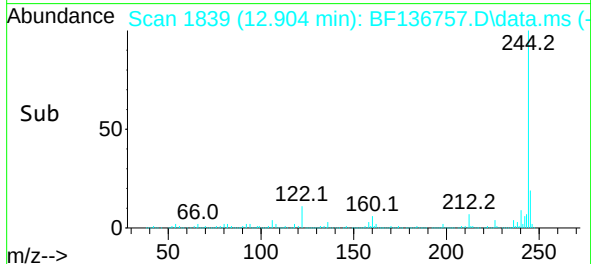
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



Tgt Ion:244 Resp: 478790
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.2 9.0 13.4

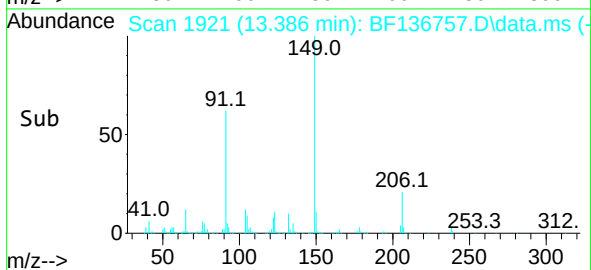
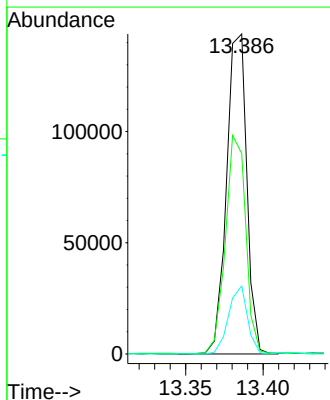
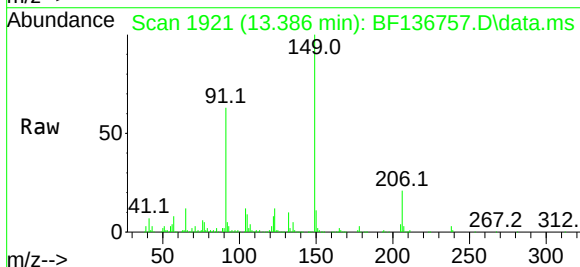
Manual Integrations
APPROVED

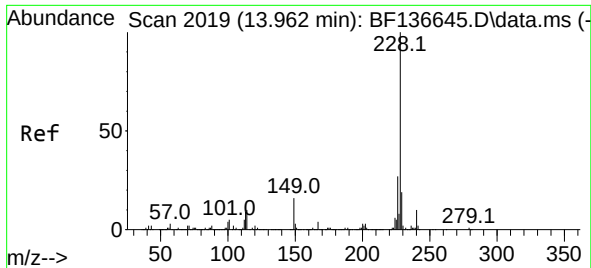
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#80
Butylbenzylphthalate
Concen: 32.292 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:149 Resp: 131044
Ion Ratio Lower Upper
149 100
91 62.6 54.1 81.1
206 21.2 17.1 25.7





#81
Benzo(a)anthracene
Concen: 34.420 ng
RT: 13.957 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

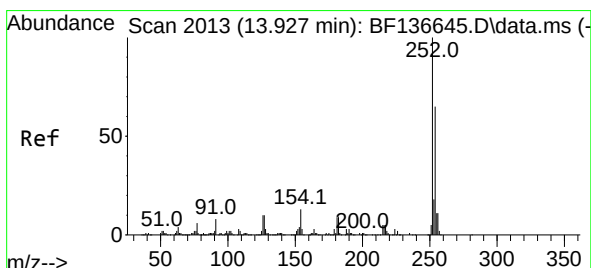
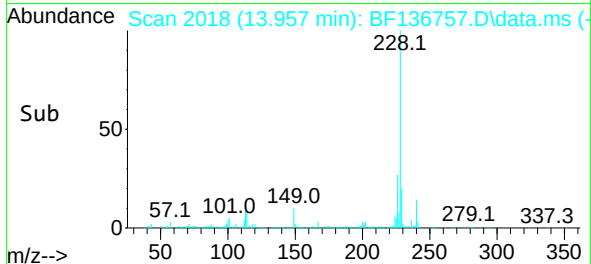
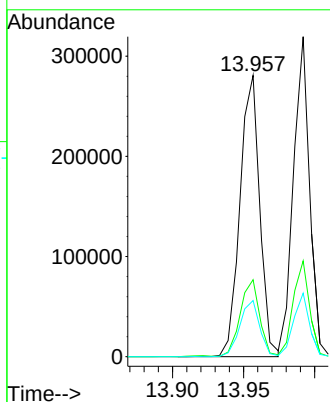
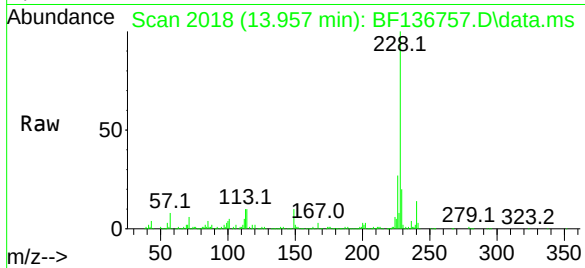
COLTOMSD

Tgt Ion:228 Resp: 27153
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.0 14.9 22.3

Manual Integrations

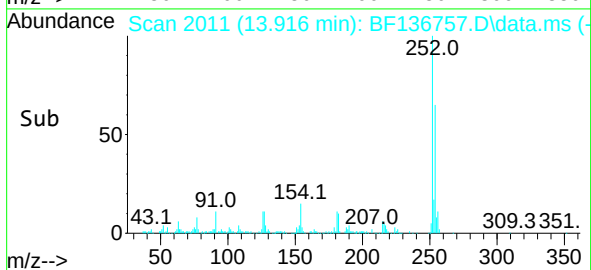
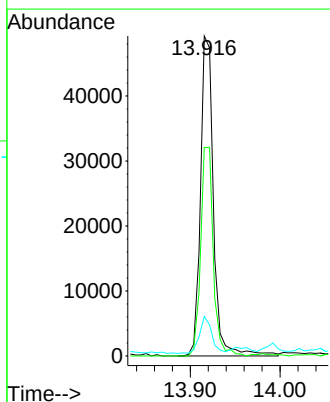
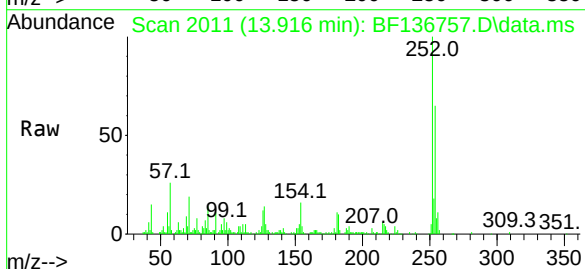
APPROVED

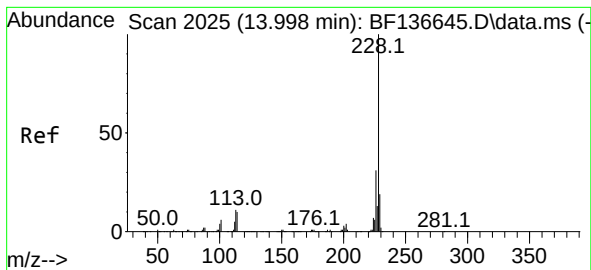
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 22.154 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Tgt Ion:252 Resp: 49633
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.4
126 12.4 8.0 12.0#





#83

Chrysene

Concen: 32.997 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

COLTOMSD

Tgt Ion:228 Resp: 254554

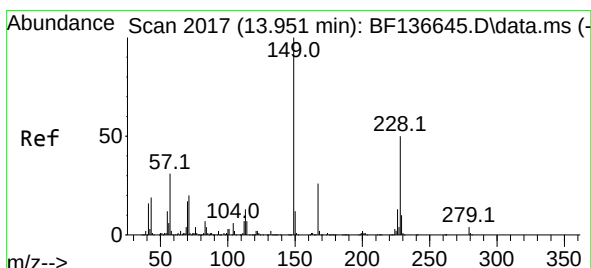
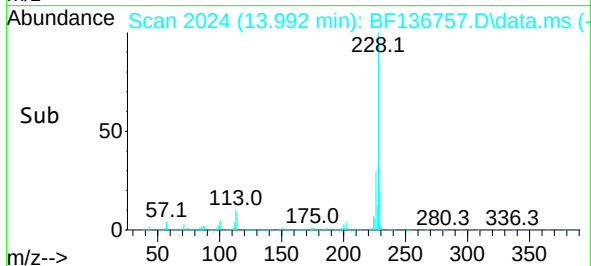
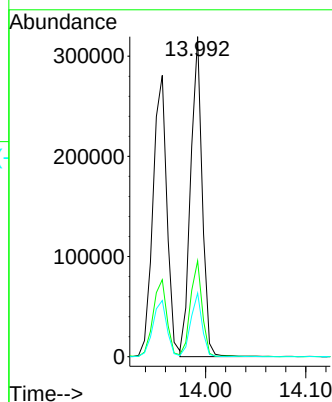
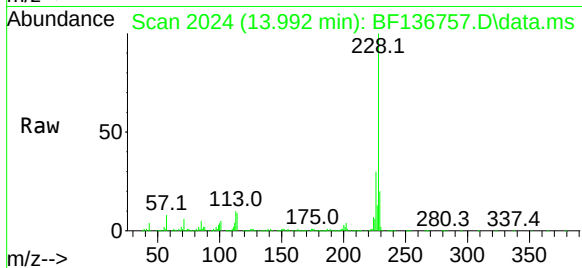
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	19.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.300 ng

RT: 13.945 min Scan# 2016

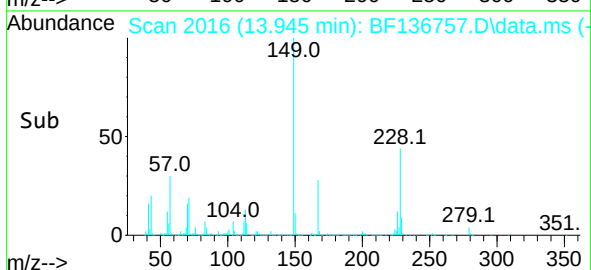
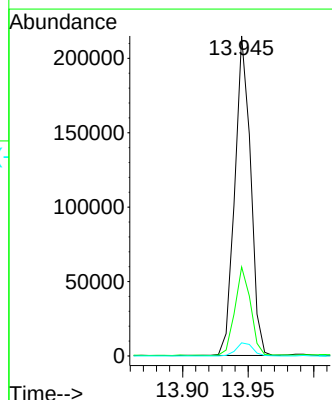
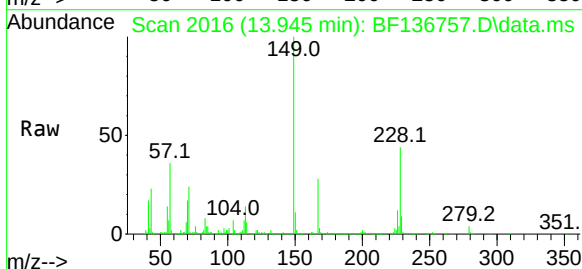
Delta R.T. -0.006 min

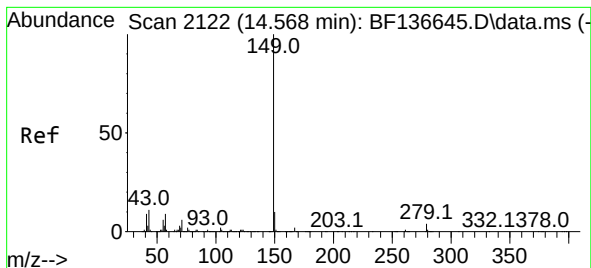
Lab File: BF136757.D

Acq: 27 Dec 2023 14:26

Tgt Ion:149 Resp: 180235

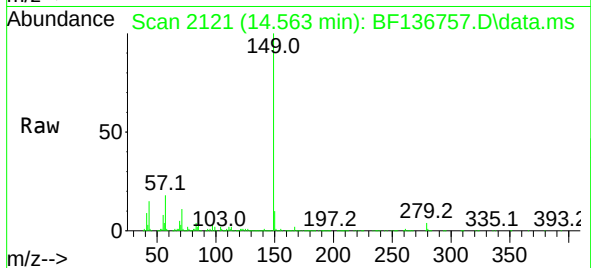
Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.9	31.3
279	4.1	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 41.171 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

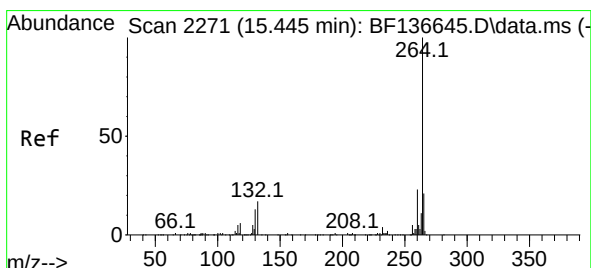
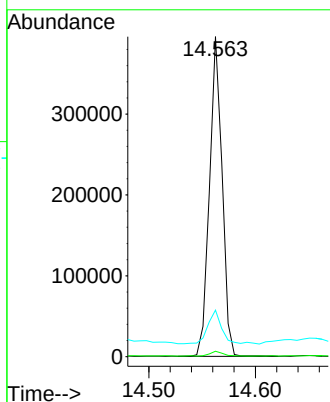
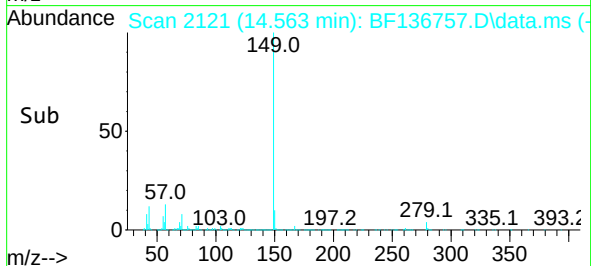
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



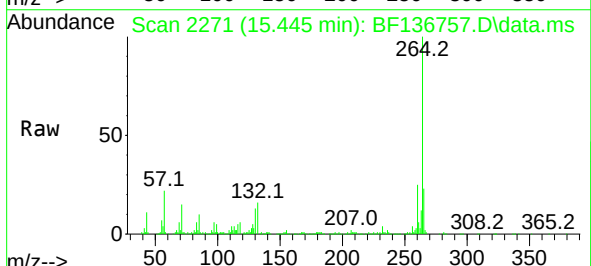
Tgt Ion:149 Resp: 325170
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.8 8.9 13.3

Manual Integrations
APPROVED

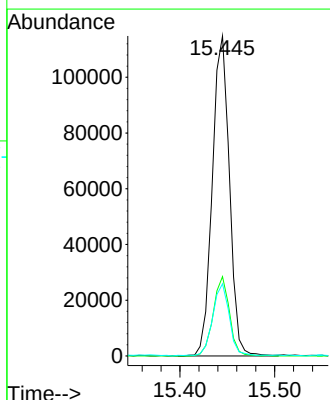
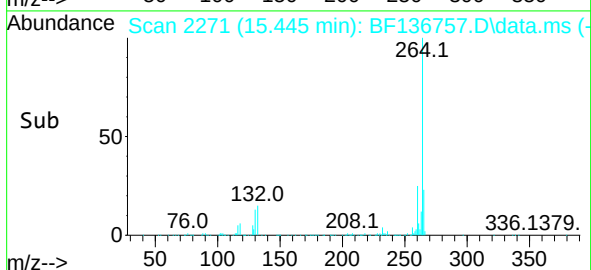
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

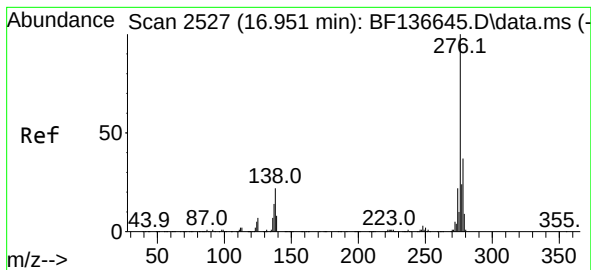


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



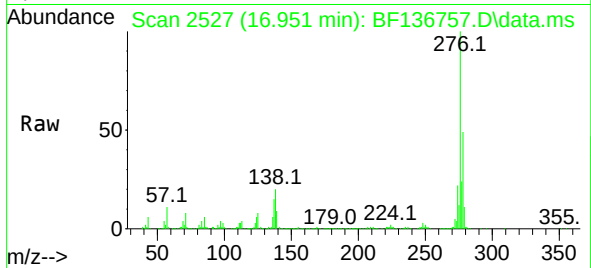
Tgt Ion:264 Resp: 143829
Ion Ratio Lower Upper
264 100
260 24.8 18.3 27.5
265 22.6 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.858 ng
RT: 16.951 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

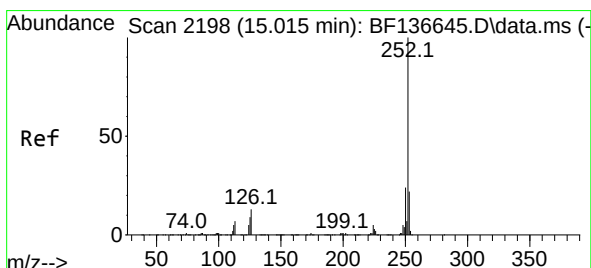
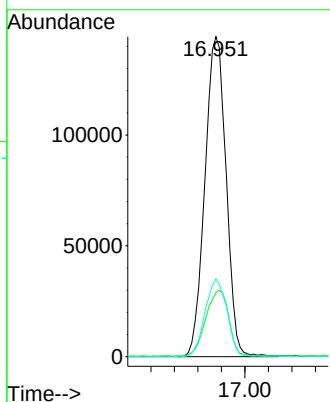
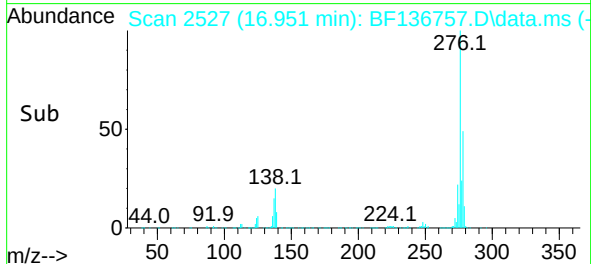
Instrument :
BNA_F
ClientSampleId :
COLTOMSD



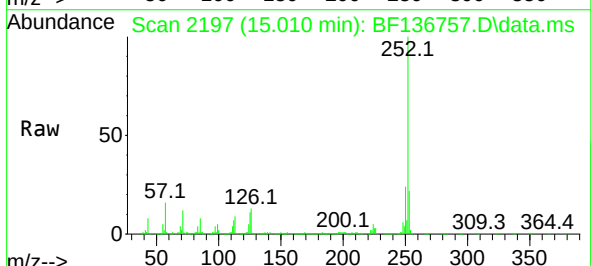
Tgt Ion:276 Resp: 361990
Ion Ratio Lower Upper
276 100
138 22.1 18.7 28.1
277 25.2 20.2 30.2

Manual Integrations
APPROVED

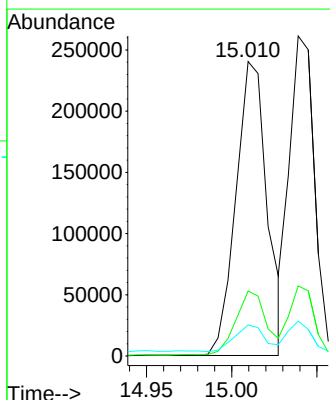
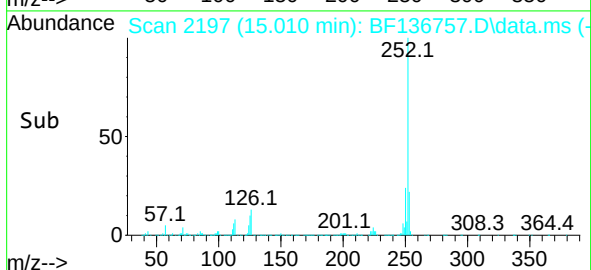
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

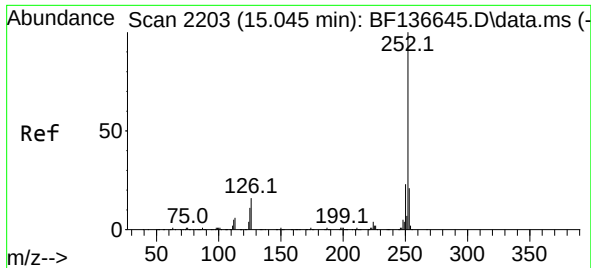


#88
Benzo(b)fluoranthene
Concen: 31.919 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion:252 Resp: 306630
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.5 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 29.419 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

Instrument :

BNA_F

ClientSampleId :

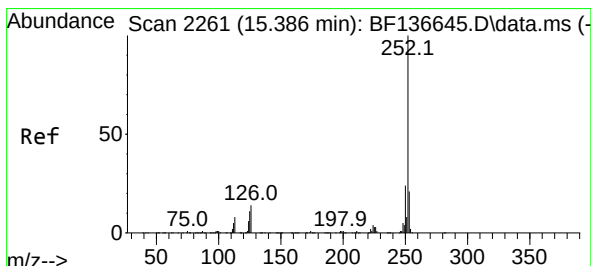
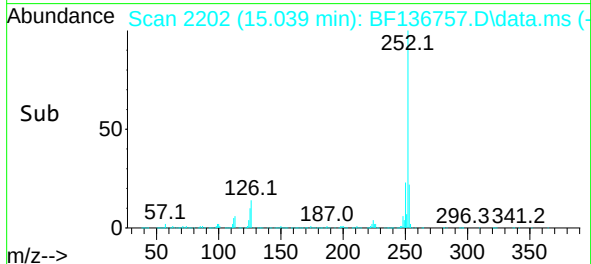
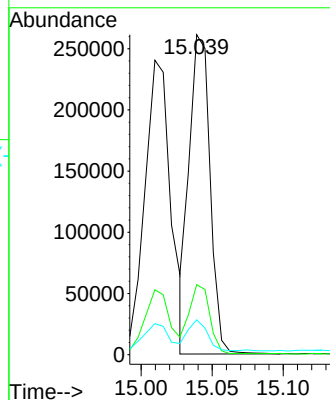
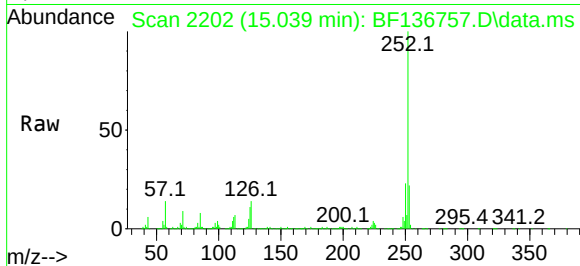
COLTOMSD

Tgt Ion:252 Resp: 26704
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.9 8.2 12.4

Manual Integrations

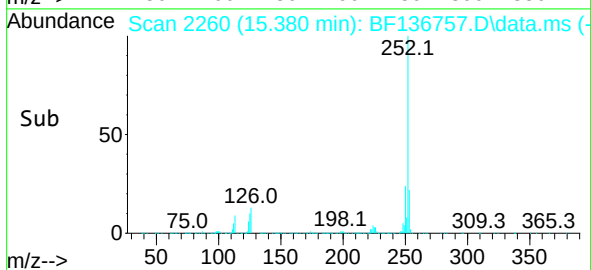
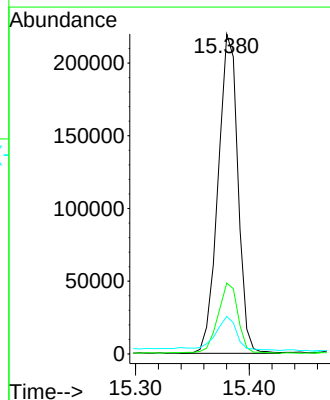
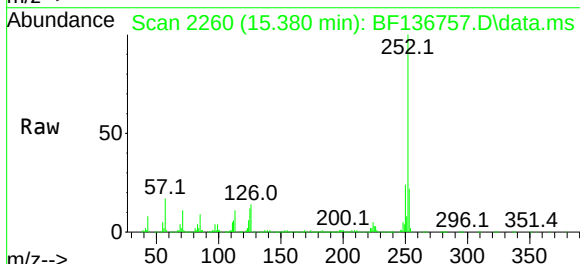
APPROVED

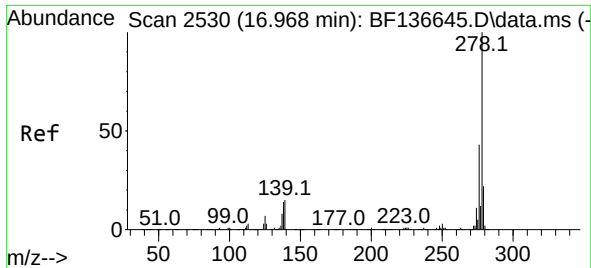
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#90
Benzo(a)pyrene
Concen: 33.000 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

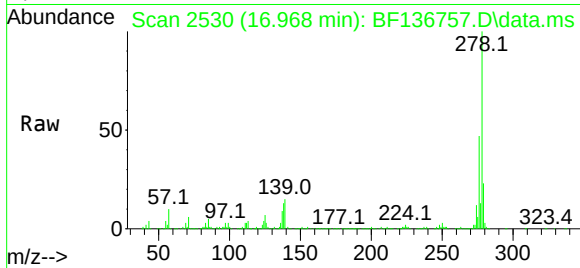
Tgt Ion:252 Resp: 267596
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 35.658 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26

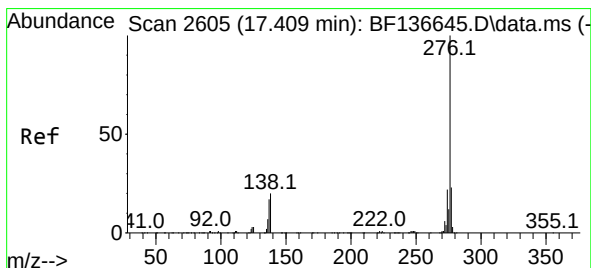
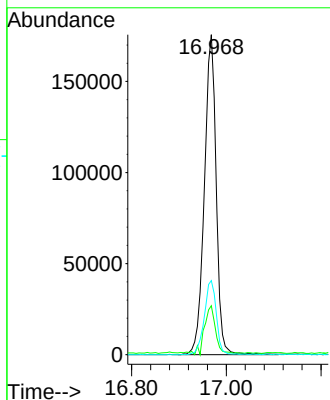
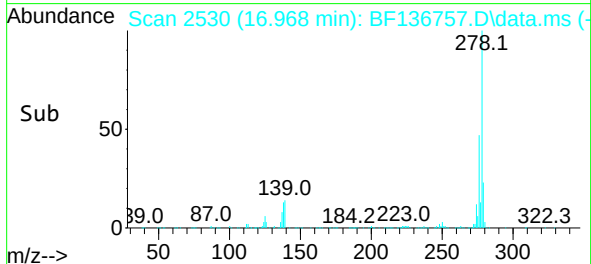
Instrument :
BNA_F
ClientSampleId :
COLT0MSD



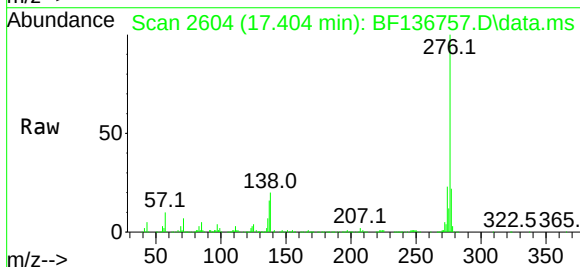
Tgt Ion: 278 Resp: 303792
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.1 17.8 26.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 31.834 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136757.D
Acq: 27 Dec 2023 14:26



Tgt Ion: 276 Resp: 277775
Ion Ratio Lower Upper
276 100
277 21.9 18.3 27.5
138 19.6 15.6 23.4

