

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136488.D
 Acq On : 11 Dec 2023 13:55
 Operator : CG\JU
 Sample : PB157455BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157455BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 11 14:13:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	131702	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	557058	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	299325	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	555705	20.000	ng	0.00
76) Chrysene-d12	13.980	240	287768	20.000	ng	0.00
86) Perylene-d12	15.451	264	233542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	982926	110.219	ng	0.02
7) Phenol-d6	6.451	99	1239387	111.391	ng	0.00
23) Nitrobenzene-d5	7.363	82	742647	72.071	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	410134	111.126	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1537842	70.104	ng	0.00
79) Terphenyl-d14	12.921	244	1726221	79.065	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	125846	35.678	ng	97
3) Pyridine	3.416	79	235012	27.512	ng	99
4) n-Nitrosodimethylamine	3.381	42	145808	39.289	ng	100
6) Aniline	6.463	93	158313	14.079	ng	# 1
8) 2-Chlorophenol	6.586	128	408681	41.978	ng	99
10) Phenol	6.463	94	472899	39.942	ng	99
11) bis(2-Chloroethyl)ether	6.539	93	357169	40.472	ng	96
12) 1,3-Dichlorobenzene	6.739	146	407808	37.247	ng	97
13) 1,4-Dichlorobenzene	6.816	146	421492	37.950	ng	100
14) 1,2-Dichlorobenzene	6.963	146	401849	38.476	ng	99
15) Benzyl Alcohol	6.945	79	316628	42.497	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	427247	37.642	ng	92
17) 2-Methylphenol	7.063	107	329395	41.879	ng	93
18) Hexachloroethane	7.304	117	148191	38.217	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	255901	39.870	ng	97
20) 3+4-Methylphenols	7.210	107	401486	41.124	ng	98
22) Acetophenone	7.204	105	546459	39.726	ng	# 98
24) Nitrobenzene	7.381	77	380201	36.678	ng	96
25) Isophorone	7.616	82	723389	39.075	ng	99
26) 2-Nitrophenol	7.692	139	214872	42.164	ng	98
27) 2,4-Dimethylphenol	7.739	122	357631	56.913	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	450413	39.594	ng	100
29) 2,4-Dichlorophenol	7.939	162	340831	41.093	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	367464	37.994	ng	98
31) Naphthalene	8.098	128	1165912	37.953	ng	100
32) Benzoic acid	7.881	122	260742	41.829	ng	96
33) 4-Chloroaniline	8.151	127	180121	16.447	ng	97
34) Hexachlorobutadiene	8.210	225	206014	35.942	ng	99
35) Caprolactam	8.528	113	112270m	43.955	ng	
36) 4-Chloro-3-methylphenol	8.639	107	368874	41.886	ng	98
37) 2-Methylnaphthalene	8.786	142	758951	38.834	ng	96
38) 1-Methylnaphthalene	8.886	142	715569	37.313	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	367419	39.455	ng	99
41) Hexachlorocyclopentadiene	8.939	237	326083	94.517	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	242670	40.021	ng	98
44) 2,4,5-Trichlorophenol	9.122	196	264375	39.065	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.257	154	979916	38.474	ng	99
47) 2-Chloronaphthalene	9.280	162	744836	37.574	ng	98
48) 2-Nitroaniline	9.380	65	213237	40.107	ng	93
49) Acenaphthylene	9.698	152	1096547	38.831	ng	99
50) Dimethylphthalate	9.563	163	879456	39.908	ng	99
51) 2,6-Dinitrotoluene	9.627	165	200437	40.429	ng	89
52) Acenaphthene	9.869	154	702111	38.800	ng	97
53) 3-Nitroaniline	9.792	138	142246	28.097	ng	97
54) 2,4-Dinitrophenol	9.904	184	222926	88.934	ng	# 90
55) Dibenzofuran	10.045	168	1023016	38.698	ng	97
56) 4-Nitrophenol	9.969	139	317198	83.577	ng	100
57) 2,4-Dinitrotoluene	10.033	165	258264	39.378	ng	97
58) Fluorene	10.386	166	812692	38.297	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	226819	41.842	ng	98
60) Diethylphthalate	10.263	149	855826	39.494	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	400191	38.685	ng	93
62) 4-Nitroaniline	10.416	138	198873	39.561	ng	99
63) Azobenzene	10.539	77	748555	37.951	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	155127	45.075	ng	98
66) n-Nitrosodiphenylamine	10.504	169	739623	41.479	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	257430	39.844	ng	96
68) Hexachlorobenzene	10.933	284	290875	38.953	ng	95
69) Atrazine	11.021	200	25280	4.967	ng	96
70) Pentachlorophenol	11.133	266	298272	70.773	ng	99
71) Phenanthrene	11.351	178	1254613	41.076	ng	100
72) Anthracene	11.404	178	1239970	40.305	ng	99
73) Carbazole	11.563	167	1090436	40.047	ng	99
74) Di-n-butylphthalate	11.892	149	1313648	39.354	ng	99
75) Fluoranthene	12.545	202	1219127	38.088	ng	99
77) Benzidine	12.668	184	29850	7.225	ng	96
78) Pyrene	12.774	202	1213652	43.063	ng	98
80) Butylbenzylphthalate	13.398	149	425228	42.385	ng	95
81) Benzo(a)anthracene	13.968	228	824619	41.139	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	208788	37.150	ng	100
83) Chrysene	14.004	228	797967	40.462	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	503799	40.963	ng	100
85) Di-n-octyl phthalate	14.580	149	736815	40.558	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	837090	51.594	ng	99
88) Benzo(b)fluoranthene	15.021	252	752029	47.096	ng	99
89) Benzo(k)fluoranthene	15.057	252	663089	44.064	ng	98
90) Benzo(a)pyrene	15.392	252	621686	47.144	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	704162	52.977	ng	99
92) Benzo(g,h,i)perylene	17.421	276	714565	52.377	ng	99

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



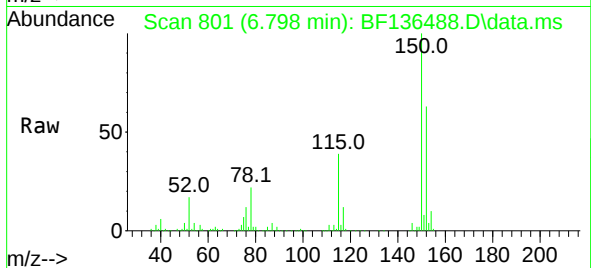
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

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BNA_F

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PB157455BS

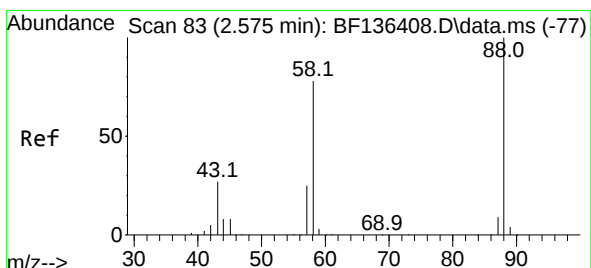
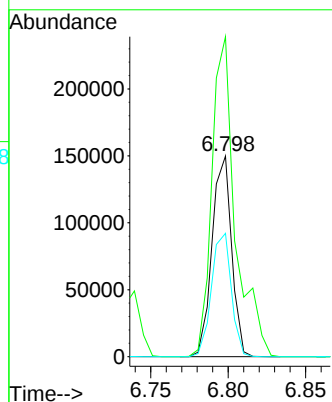
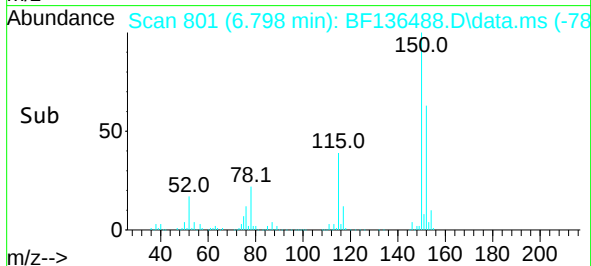


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Ion Ratio Lower Upper
152 100
150 159.5 126.4 189.6
115 61.5 48.2 72.4

Manual Integrations

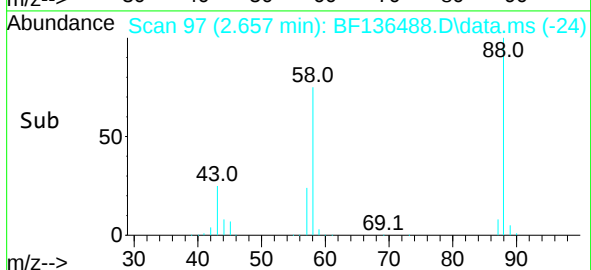
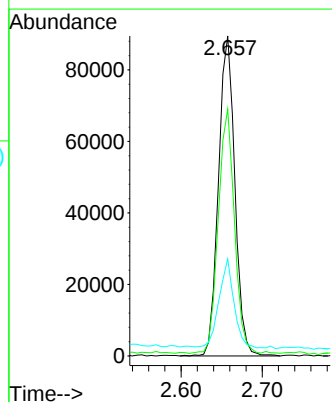
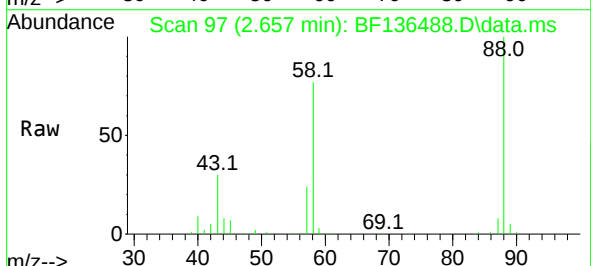
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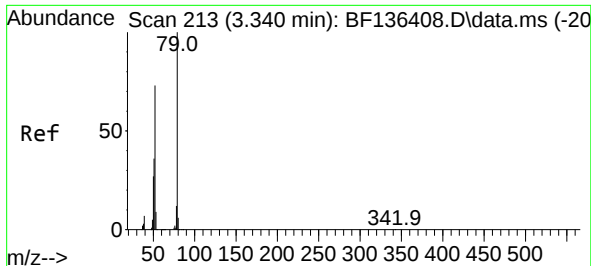
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 35.678 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.082 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 88 Resp: 125846
Ion Ratio Lower Upper
88 100
58 75.1 62.2 93.2
43 25.7 21.5 32.3





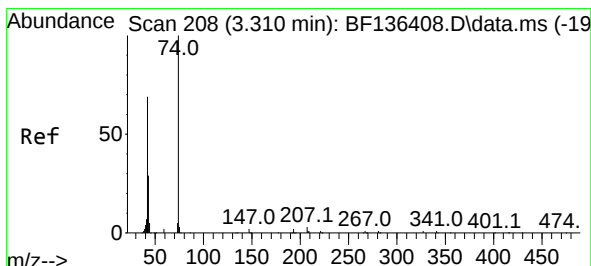
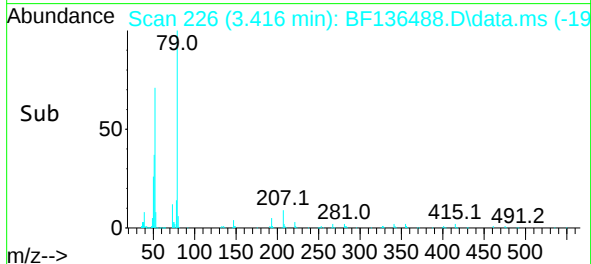
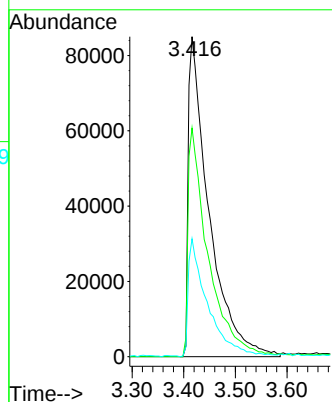
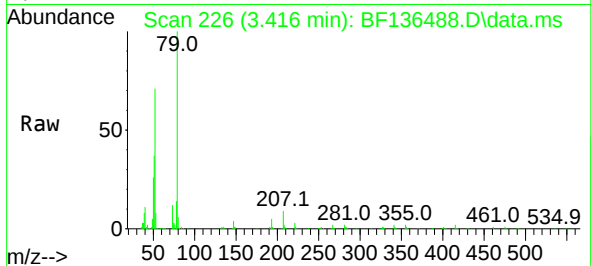
#3
Pyridine
Concen: 27.512 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :
BNA_F
ClientSampleId :
PB157455BS

Tgt Ion: 79 Resp: 23501
Ion Ratio Lower Upper
79 100
52 71.4 58.2 87.2
51 36.8 29.1 43.7

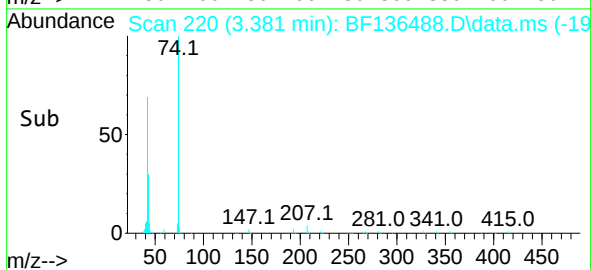
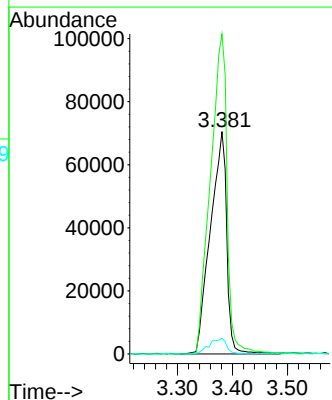
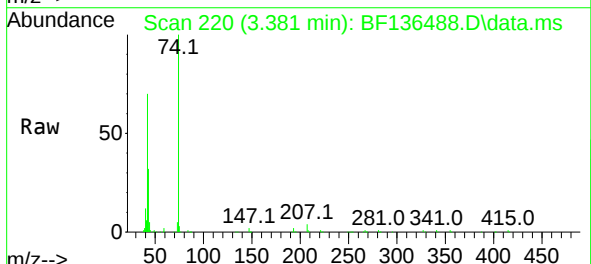
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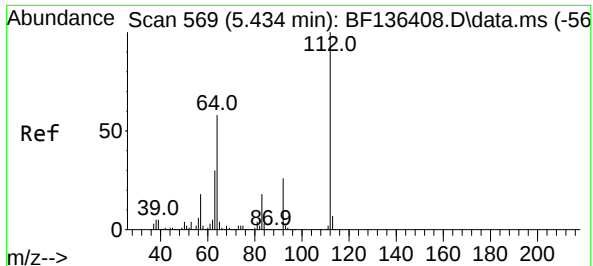
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#4
n-Nitrosodimethylamine
Concen: 39.289 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.070 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 42 Resp: 145808
Ion Ratio Lower Upper
42 100
74 143.9 115.4 173.0
44 7.1 6.2 9.2





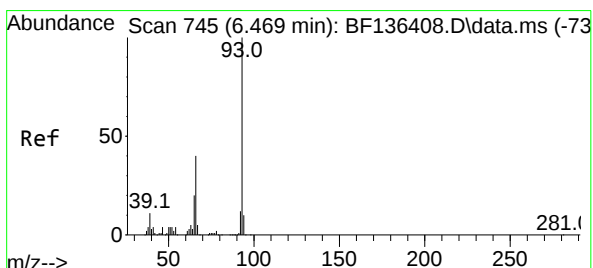
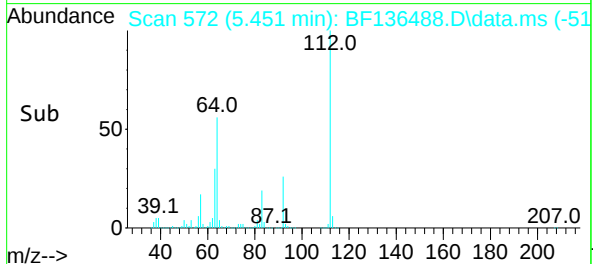
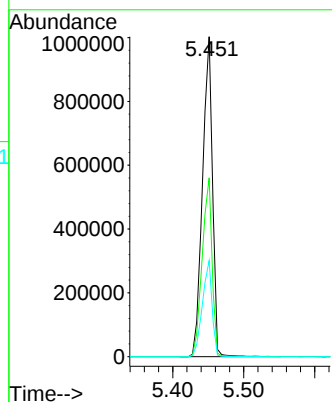
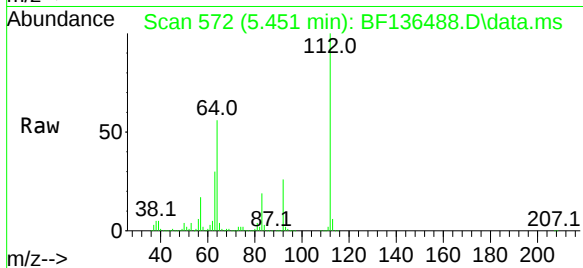
#5
2-Fluorophenol
Concen: 110.219 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :
BNA_F
ClientSampleId :
PB157455BS

Tgt Ion:112 Resp: 982920
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 30.1 23.9 35.9

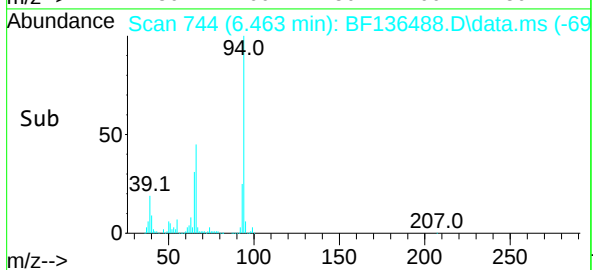
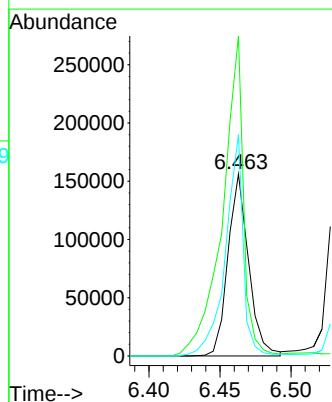
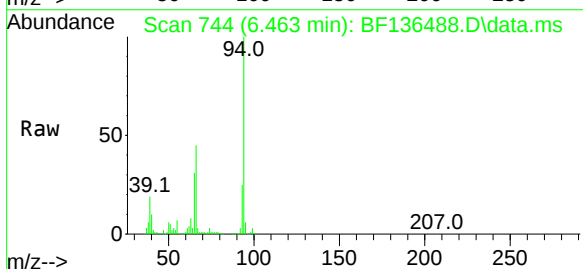
Manual Integrations
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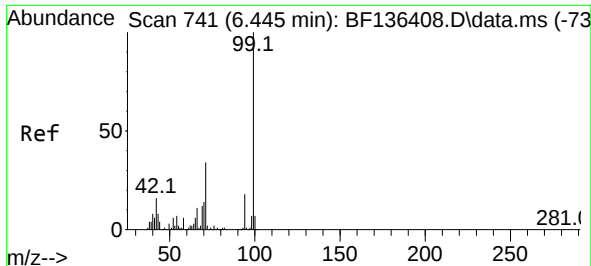
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 14.079 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 93 Resp: 158313
Ion Ratio Lower Upper
93 100
66 175.8 32.5 48.7#
65 121.6 16.4 24.6#





#7

Phenol-d6

Concen: 111.391 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

Tgt Ion: 99 Resp: 123938

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

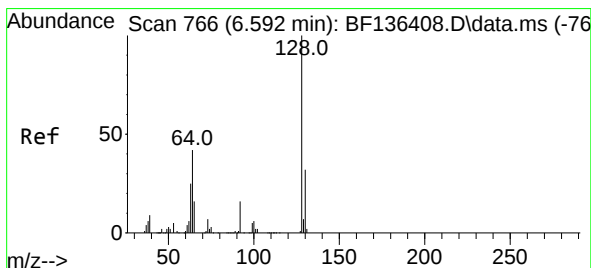
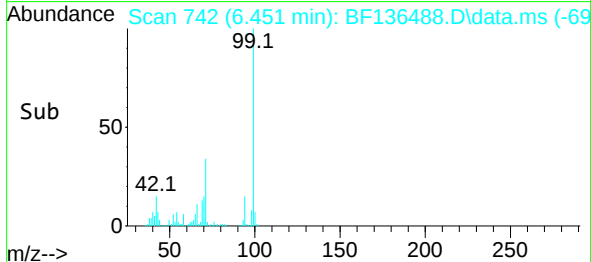
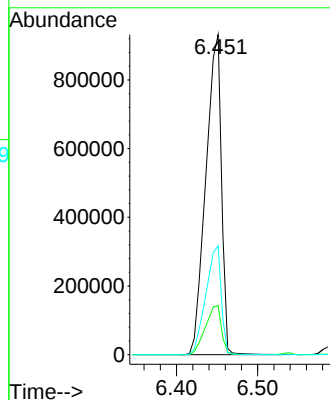
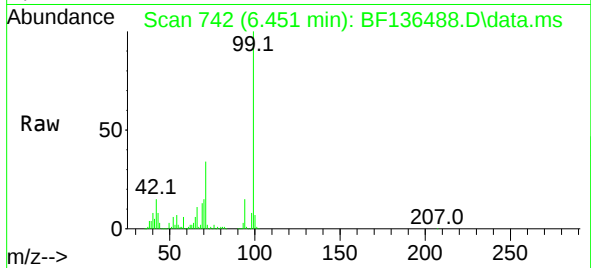
71 34.0 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#8

2-Chlorophenol

Concen: 41.978 ng

RT: 6.586 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

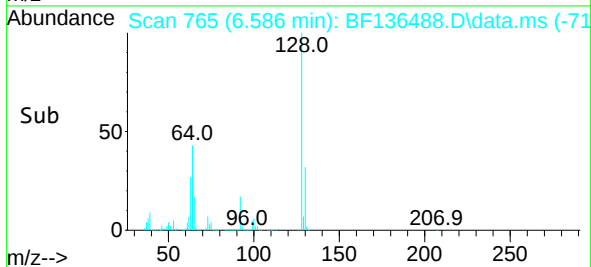
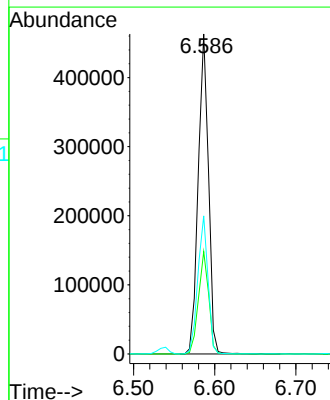
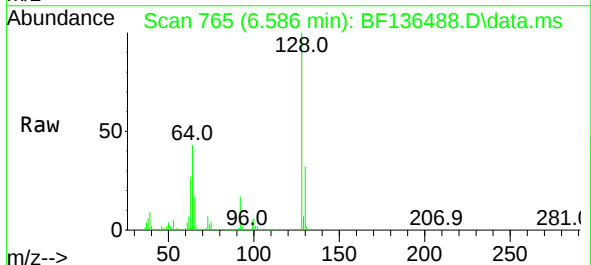
Tgt Ion:128 Resp: 408681

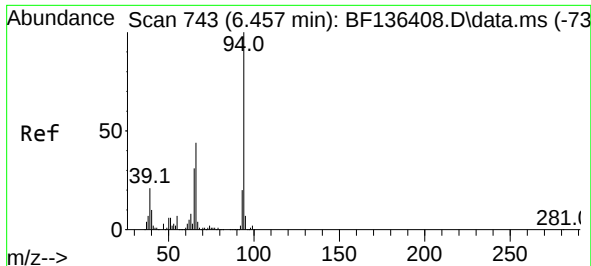
Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

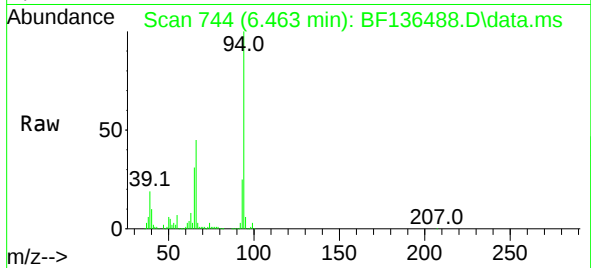
64 43.1 22.5 62.5





#10
Phenol
Concen: 39.942 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

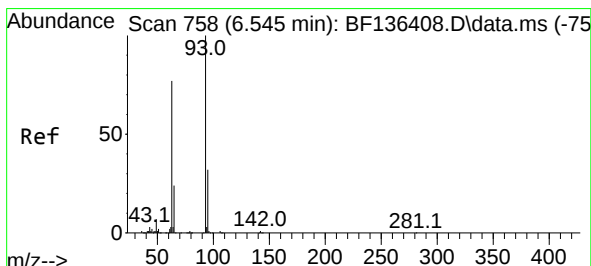
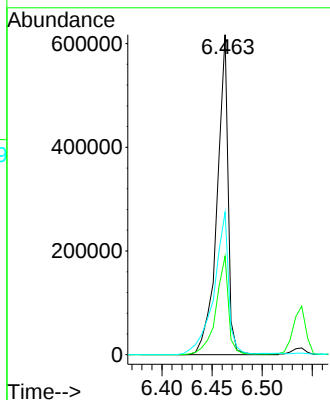
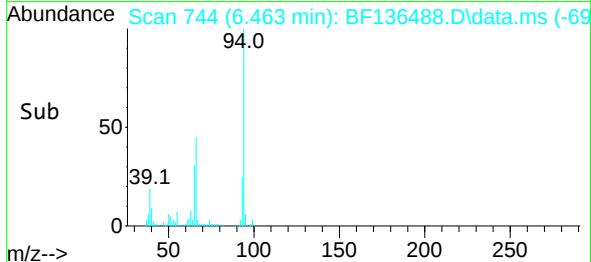
Instrument :
BNA_F
ClientSampleId :
PB157455BS



Tgt Ion: 94 Resp: 472899
Ion Ratio Lower Upper
94 100
65 30.8 11.2 51.2
66 44.5 24.2 64.2

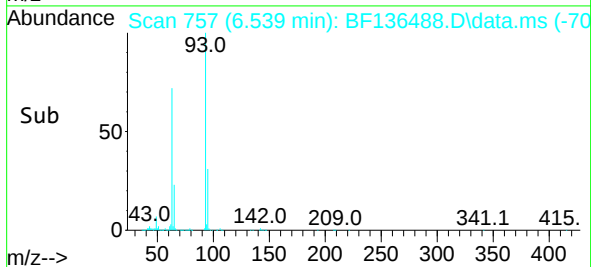
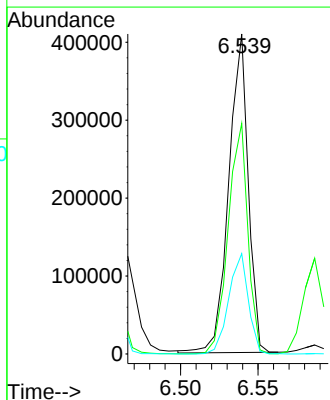
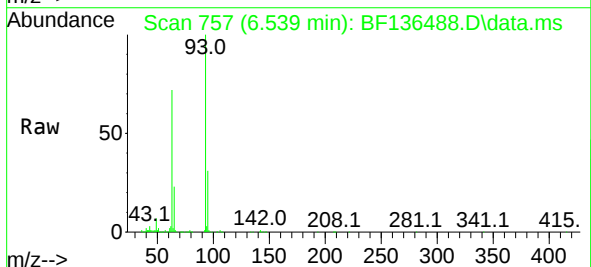
Manual Integrations
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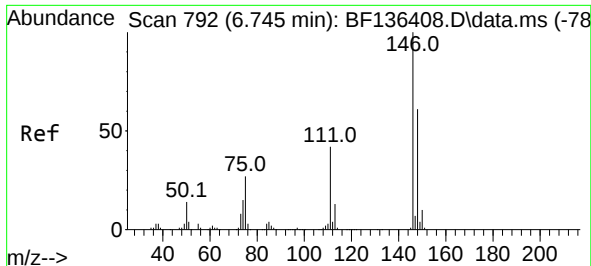
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#11
bis(2-Chloroethyl)ether
Concen: 40.472 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 93 Resp: 357169
Ion Ratio Lower Upper
93 100
63 72.0 56.8 96.8
95 31.3 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 37.247 ng

RT: 6.739 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

Tgt Ion:146 Resp: 407808

Ion Ratio Lower Upper

146 100

148 63.8 49.0 73.6

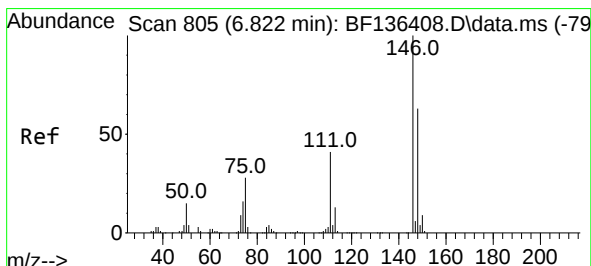
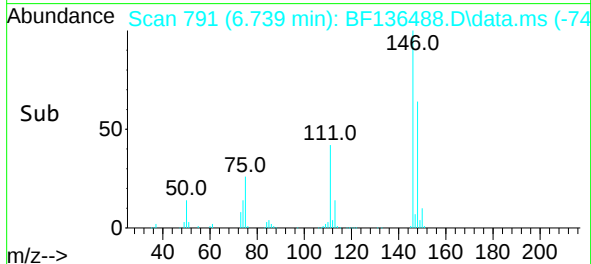
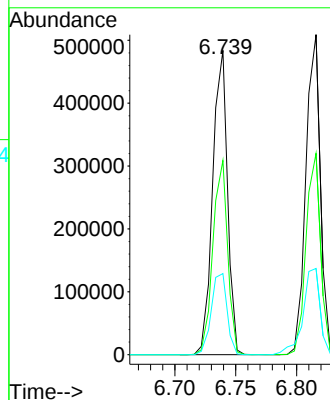
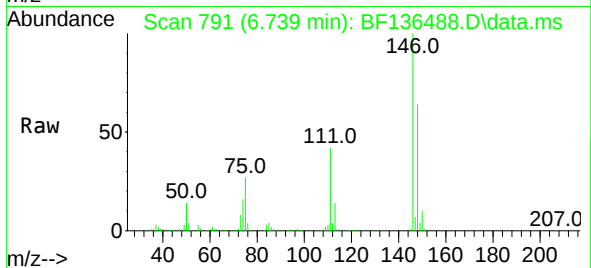
75 26.7 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#13

1,4-Dichlorobenzene

Concen: 37.950 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

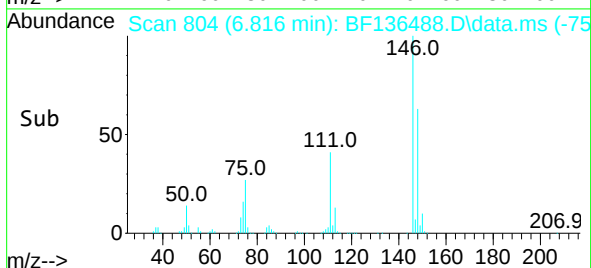
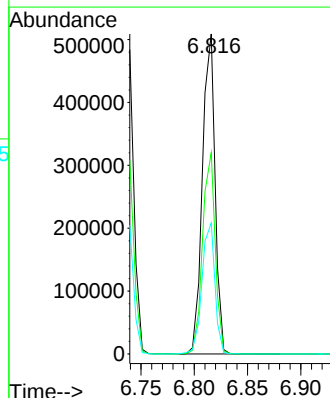
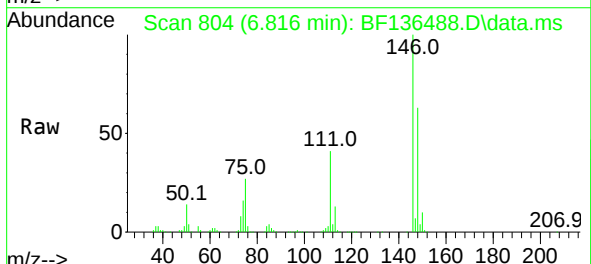
Tgt Ion:146 Resp: 421492

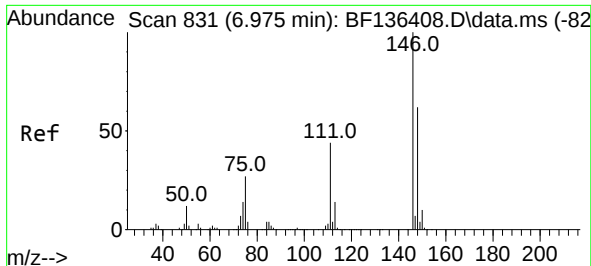
Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

111 41.0 32.6 49.0





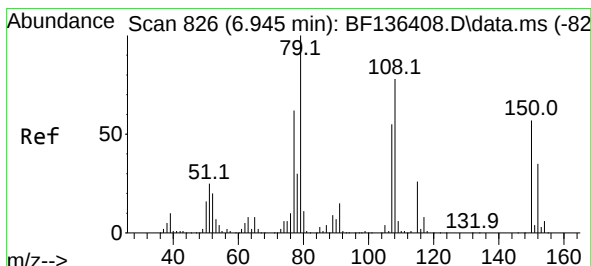
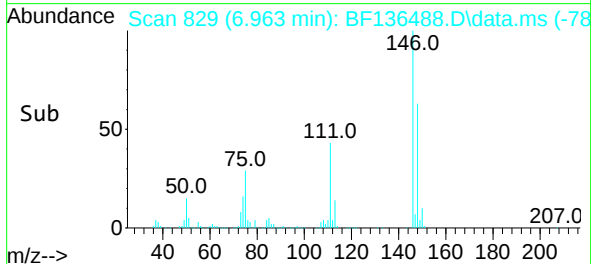
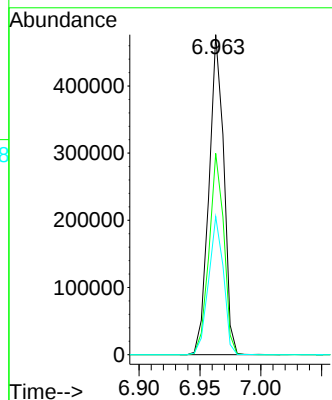
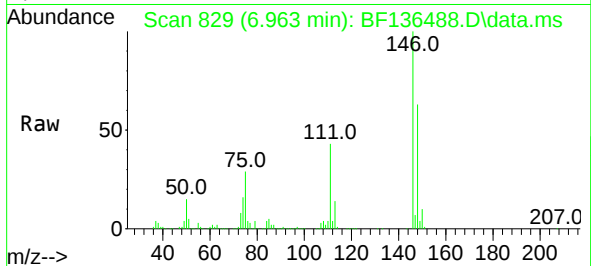
#14
1,2-Dichlorobenzene
Concen: 38.476 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :
BNA_F
ClientSampleId :
PB157455BS

Tgt Ion:146 Resp: 401849
Ion Ratio Lower Upper
146 100
148 62.9 49.8 74.6
111 43.1 34.9 52.3

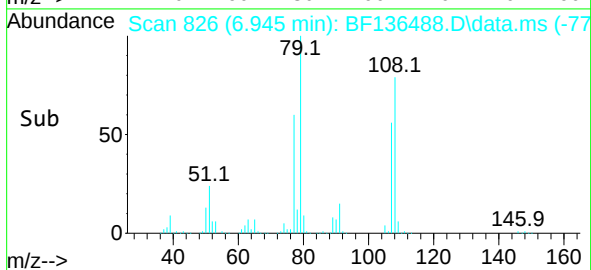
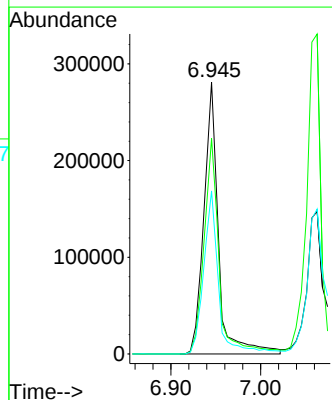
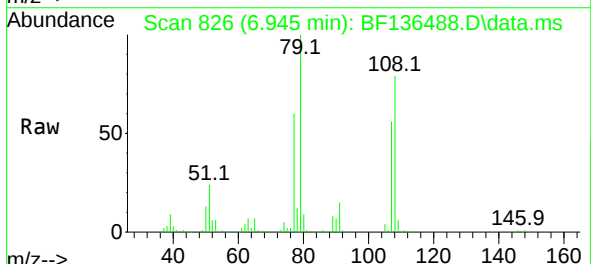
Manual Integrations
APPROVED

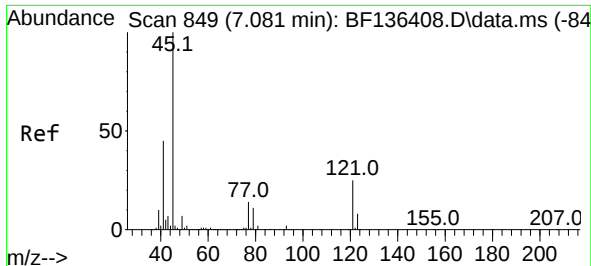
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#15
Benzyl Alcohol
Concen: 42.497 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 79 Resp: 316628
Ion Ratio Lower Upper
79 100
108 79.3 62.3 93.5
77 60.0 49.8 74.8





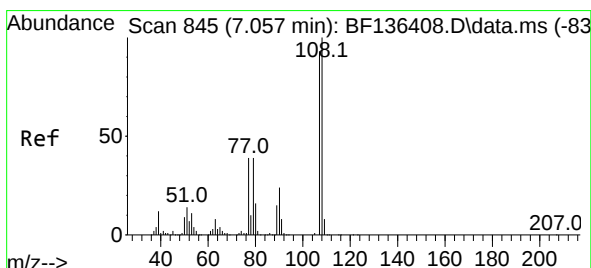
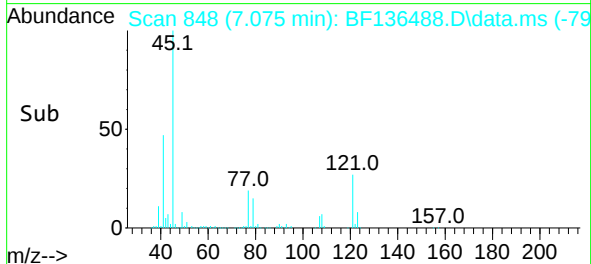
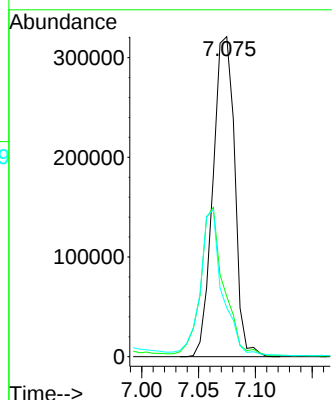
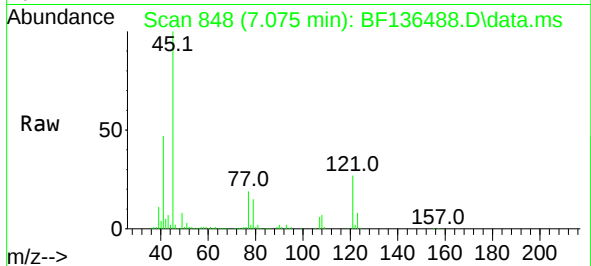
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.642 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :
BNA_F
ClientSampleId :
PB157455BS

Tgt Ion: 45 Resp: 42724
Ion Ratio Lower Upper
45 100
77 18.8 0.0 35.3
79 15.2 0.0 32.5

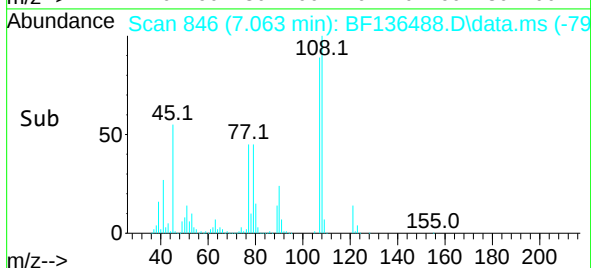
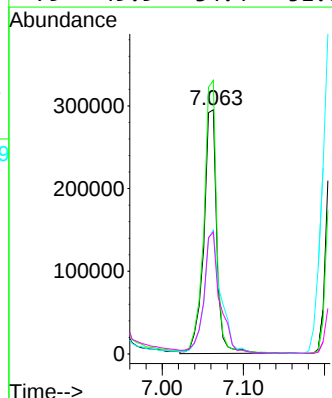
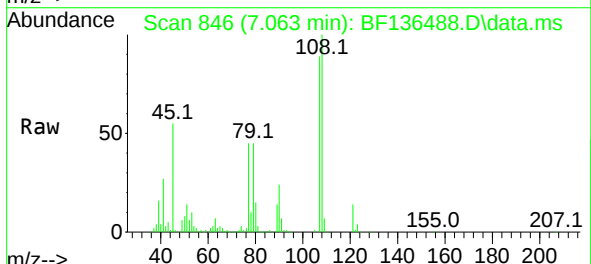
Manual Integrations
APPROVED

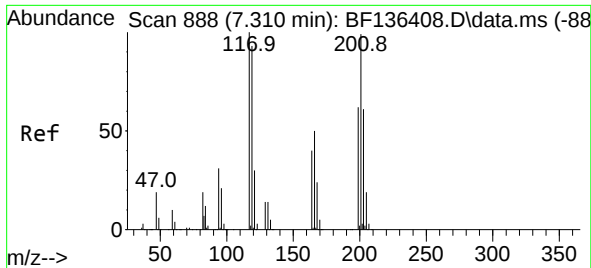
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#17
2-Methylphenol
Concen: 41.879 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

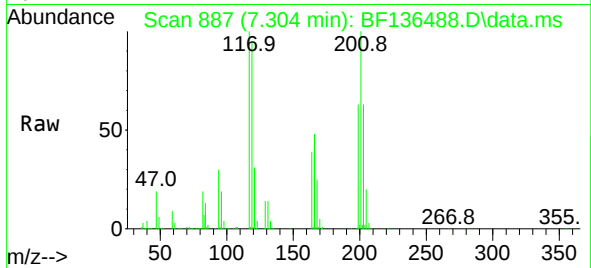
Tgt Ion:107 Resp: 329395
Ion Ratio Lower Upper
107 100
108 112.0 86.5 129.7
77 50.7 33.8 50.8
79 49.9 34.4 51.6





#18
Hexachloroethane
Concen: 38.217 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

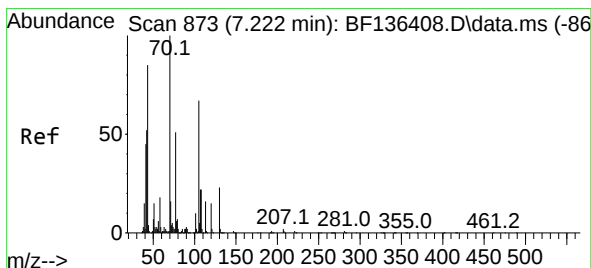
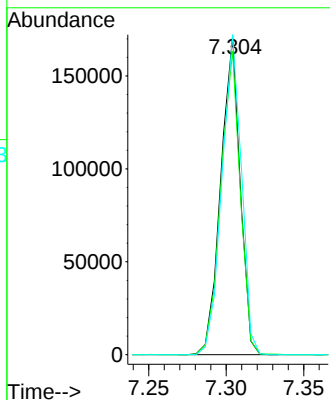
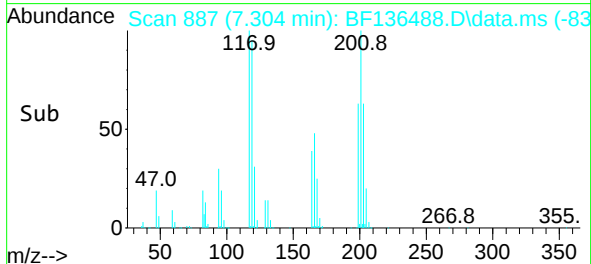
Instrument :
BNA_F
ClientSampleId :
PB157455BS



Tgt Ion:117 Resp: 14819
Ion Ratio Lower Upper
117 100
119 95.2 74.3 111.5
201 100.4 79.3 118.9

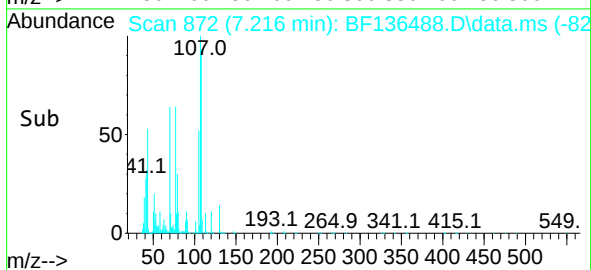
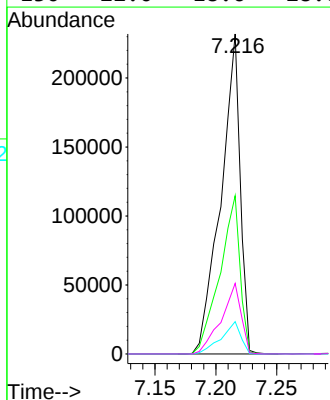
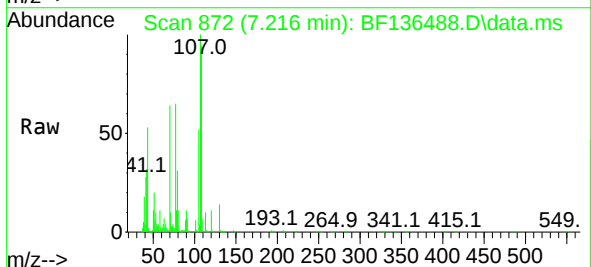
Manual Integrations
APPROVED

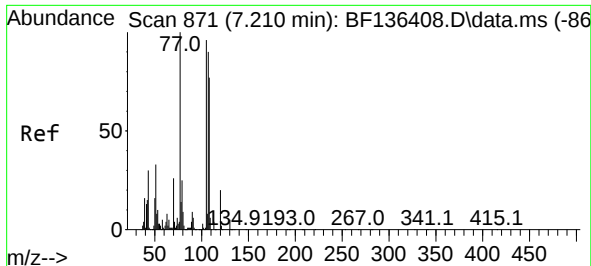
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#19
n-Nitroso-di-n-propylamine
Concen: 39.870 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 70 Resp: 255901
Ion Ratio Lower Upper
70 100
42 49.5 41.4 62.0
101 10.1 8.2 12.4
130 22.0 18.6 28.0





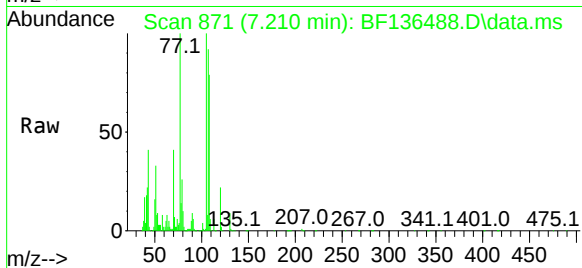
#20
3+4-Methylphenols
Concen: 41.124 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS



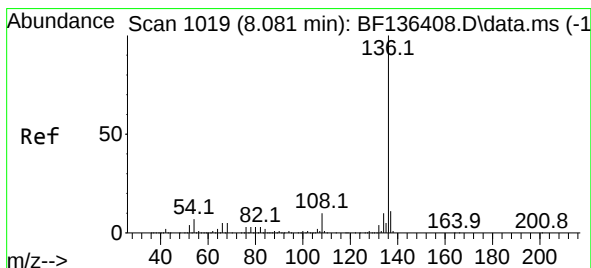
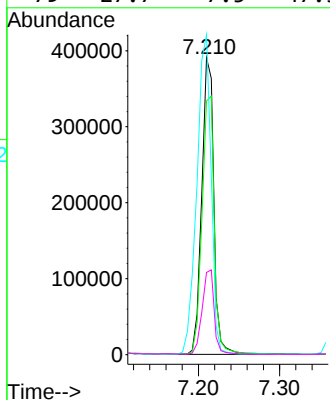
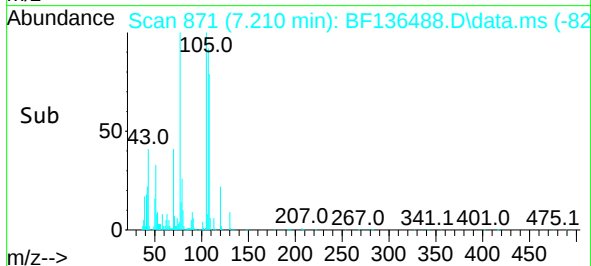
Tgt Ion:107 Resp: 401486
Ion Ratio Lower Upper
107 100
108 85.5 65.9 105.9
77 107.7 91.7 131.7
79 27.7 7.5 47.5

Manual Integrations

APPROVED

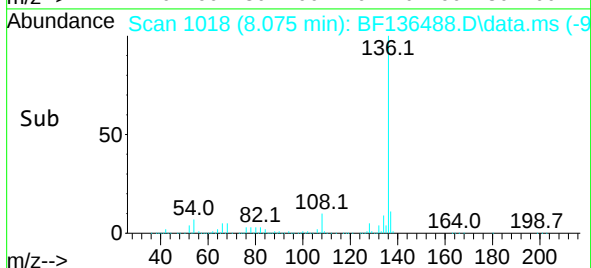
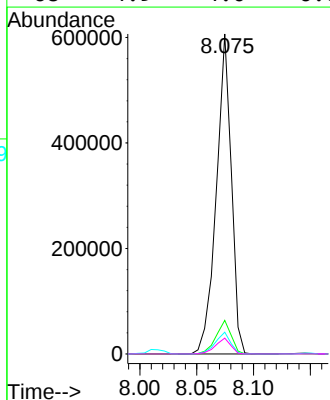
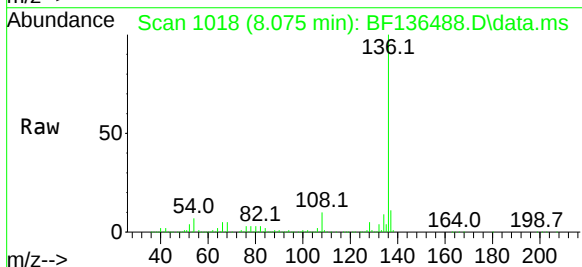
Reviewed By :Yogesh Patel 12/14/2023

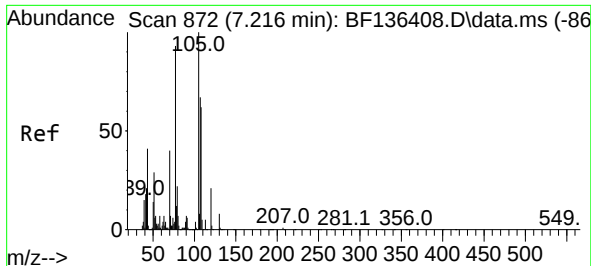
Supervised By :mohammad ahmed 12/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

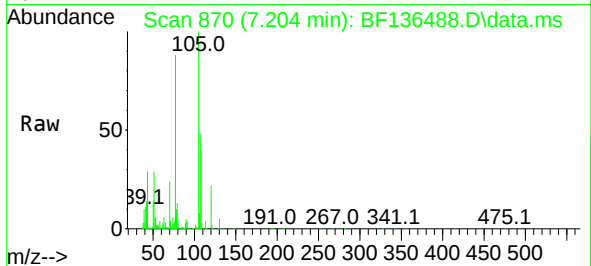
Tgt Ion:136 Resp: 557058
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.8 5.7 8.5
68 4.9 4.0 6.0





#22
Acetophenone
Concen: 39.726 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

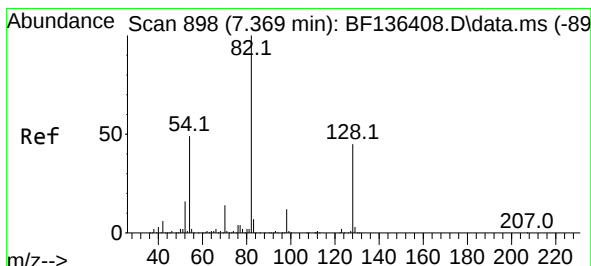
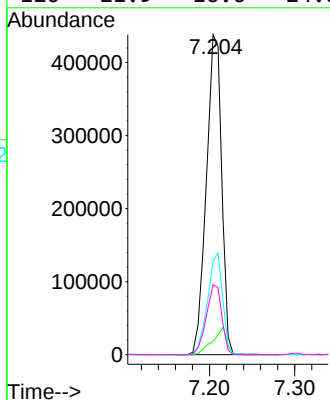
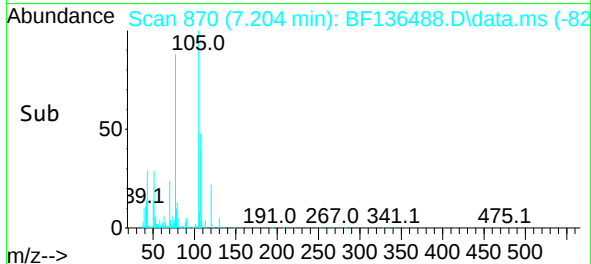
Instrument :
BNA_F
ClientSampleId :
PB157455BS



Tgt Ion:105 Resp: 546459
Ion Ratio Lower Upper
105 100
71 4.1 5.4 8.0
51 29.3 23.4 35.2
120 21.9 16.6 24.8

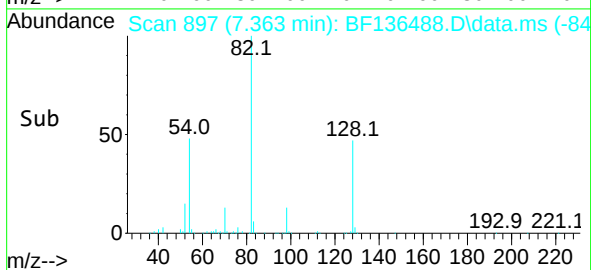
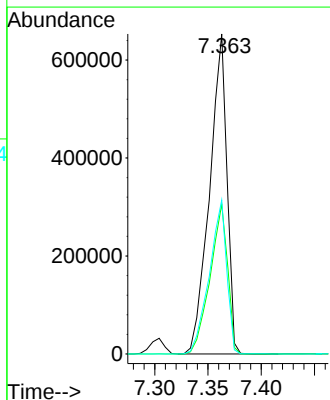
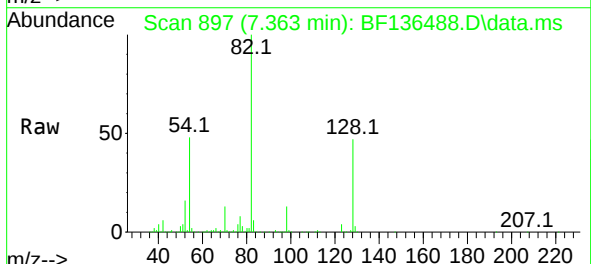
Manual Integrations
APPROVED

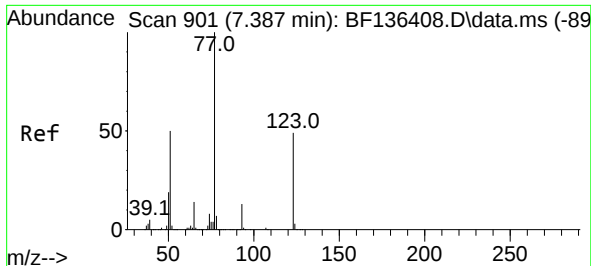
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#23
Nitrobenzene-d5
Concen: 72.071 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

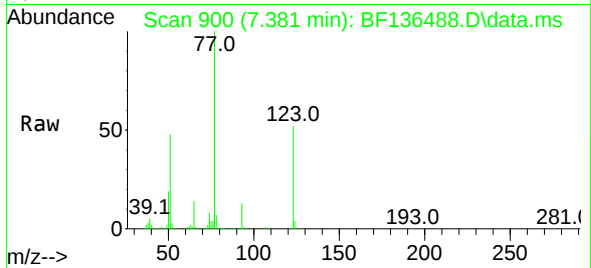
Tgt Ion: 82 Resp: 742647
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 48.1 39.0 58.6





#24
Nitrobenzene
Concen: 36.678 ng
RT: 7.381 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

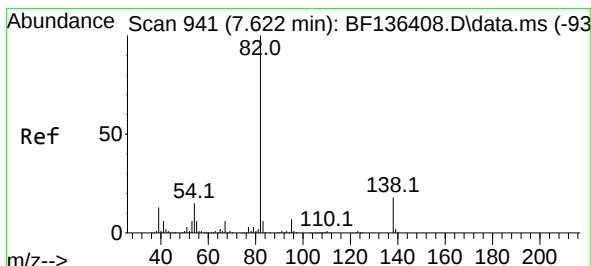
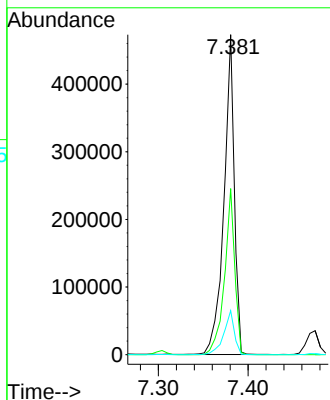
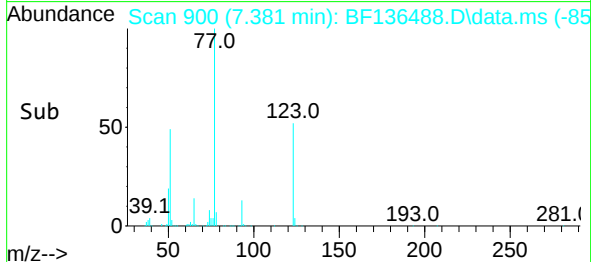
Instrument :
BNA_F
ClientSampleId :
PB157455BS



Tgt Ion: 77 Resp: 38020
Ion Ratio Lower Upper
77 100
123 51.9 39.0 58.6
65 13.7 11.3 16.9

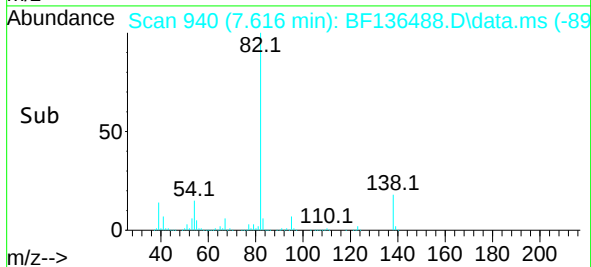
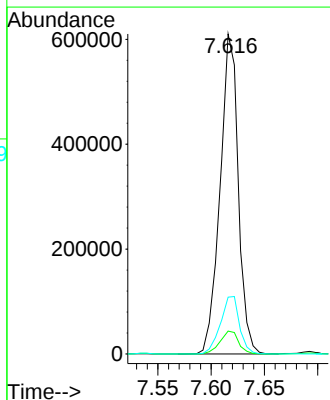
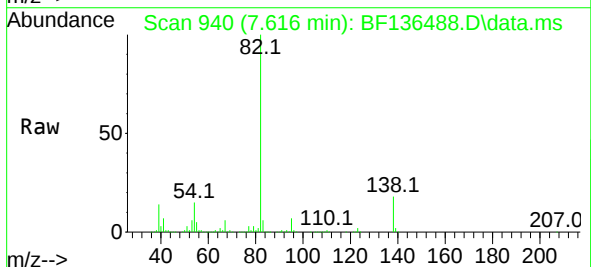
Manual Integrations
APPROVED

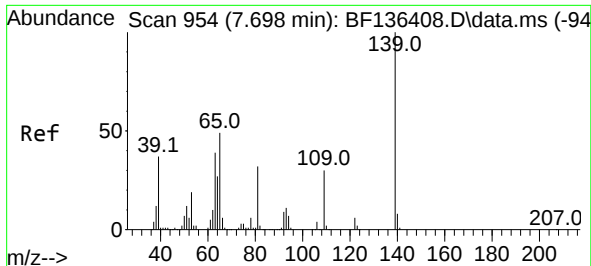
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#25
Isophorone
Concen: 39.075 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 82 Resp: 723389
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.8 14.5 21.7





#26
2-Nitrophenol
Concen: 42.164 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

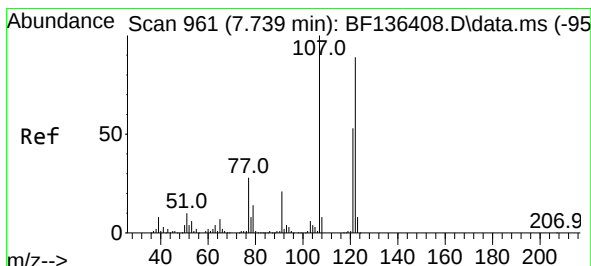
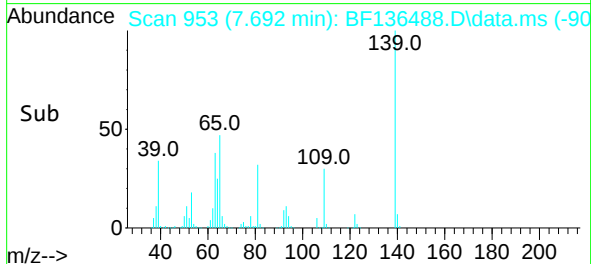
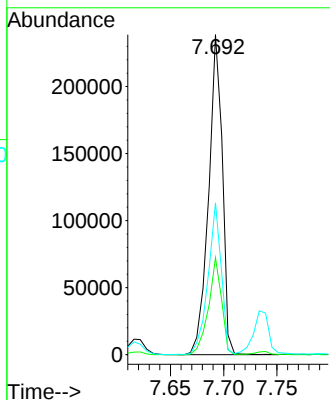
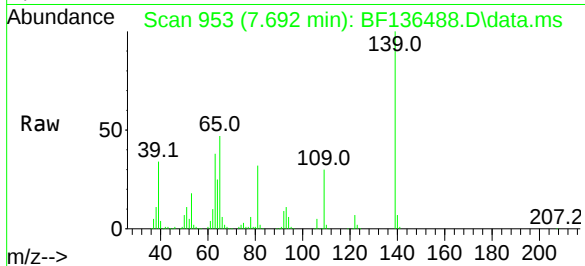
ClientSampleId :

PB157455BS

Tgt Ion:139 Resp: 214872
Ion Ratio Lower Upper
139 100
109 30.3 23.6 35.4
65 47.4 39.4 59.2

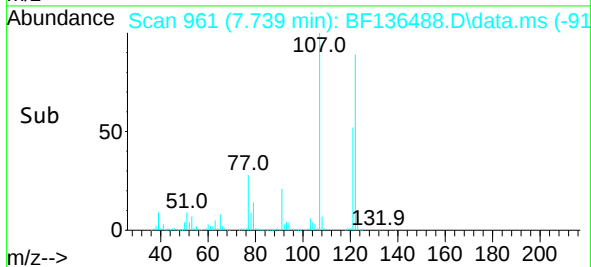
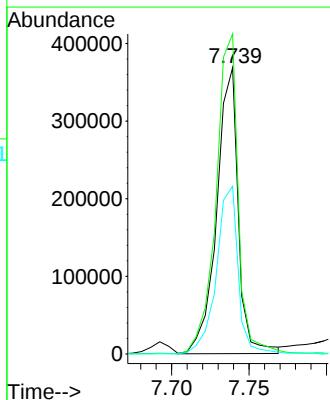
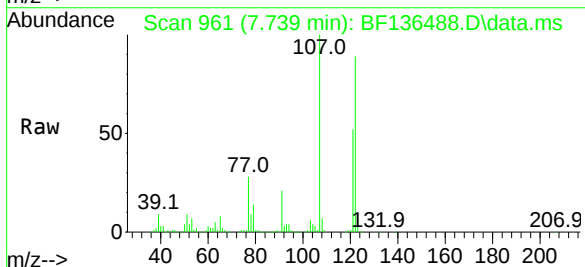
Manual Integrations
APPROVED

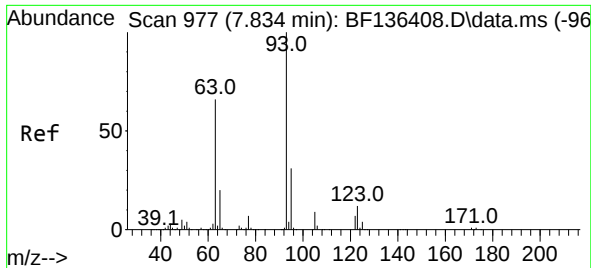
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#27
2,4-Dimethylphenol
Concen: 56.913 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:122 Resp: 357631
Ion Ratio Lower Upper
122 100
107 111.8 89.3 133.9
121 58.6 47.6 71.4





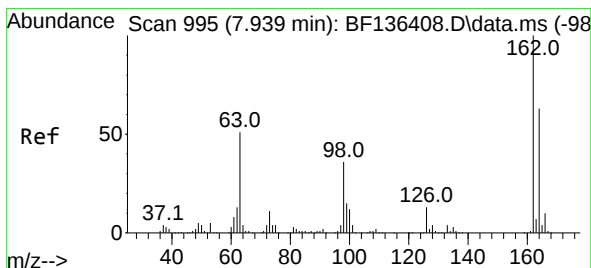
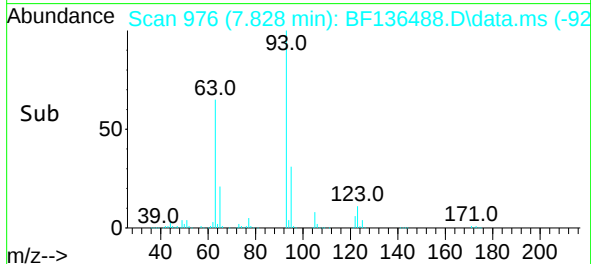
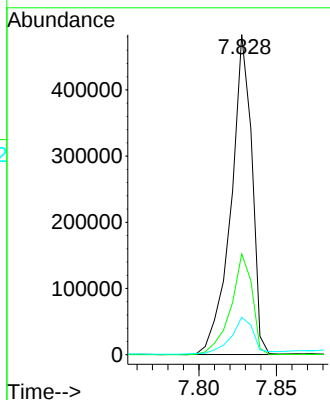
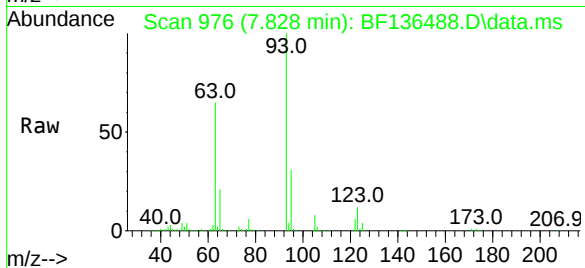
#28
bis(2-Chloroethoxy)methane
Concen: 39.594 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :
BNA_F
ClientSampleId :
PB157455BS

Tgt Ion: 93 Resp: 45041
Ion Ratio Lower Upper
93 100
95 31.5 25.0 37.4
123 11.7 9.4 14.0

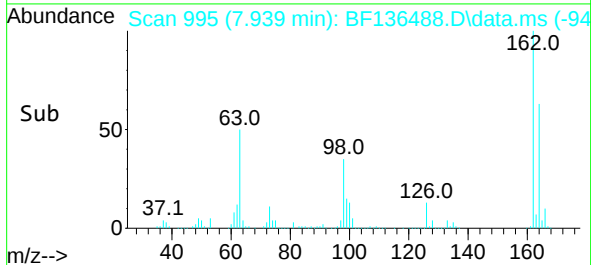
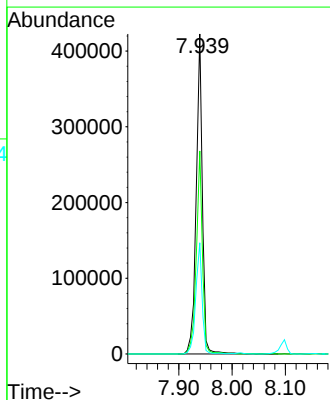
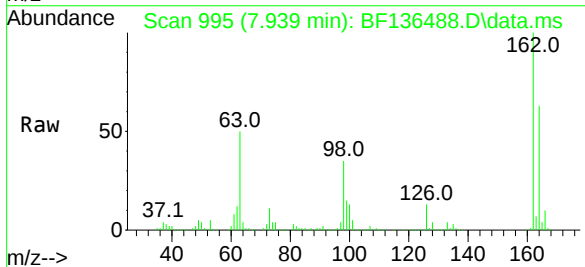
Manual Integrations
APPROVED

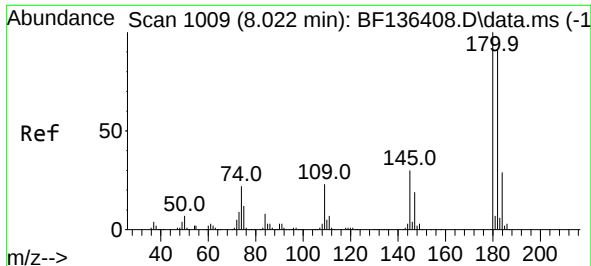
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#29
2,4-Dichlorophenol
Concen: 41.093 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:162 Resp: 340831
Ion Ratio Lower Upper
162 100
164 63.4 43.0 83.0
98 34.8 16.2 56.2





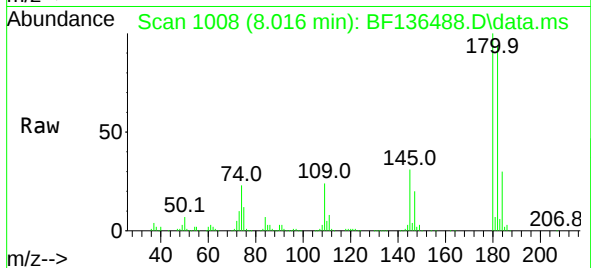
#30
1,2,4-Trichlorobenzene
Concen: 37.994 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS



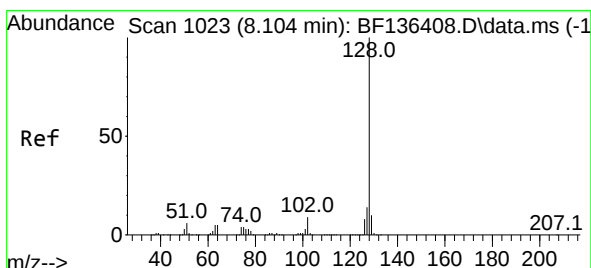
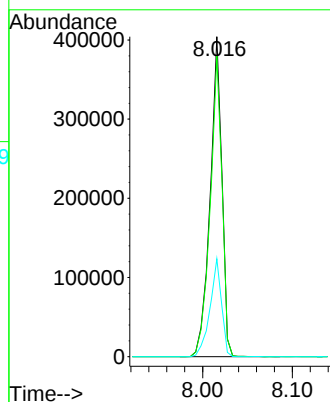
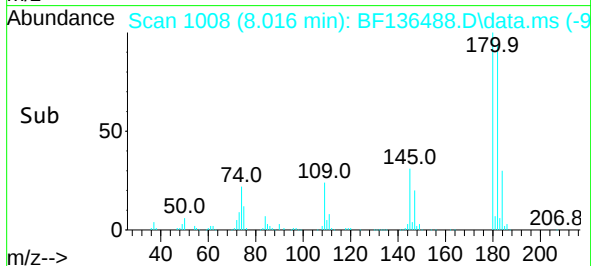
Tgt Ion:180 Resp: 367464
Ion Ratio Lower Upper
180 100
182 94.0 73.1 109.7
145 30.6 23.8 35.8

Manual Integrations

APPROVED

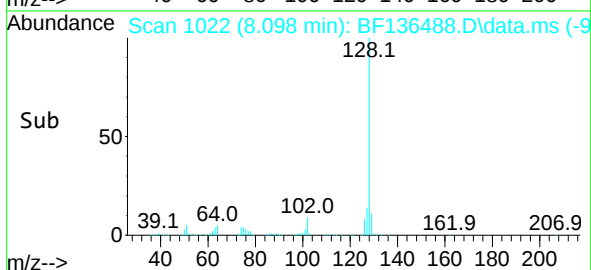
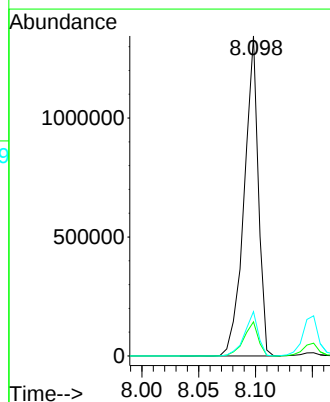
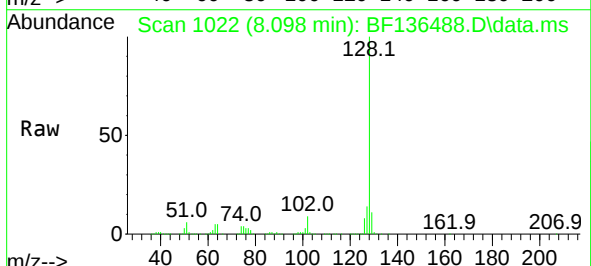
Reviewed By :Yogesh Patel 12/14/2023

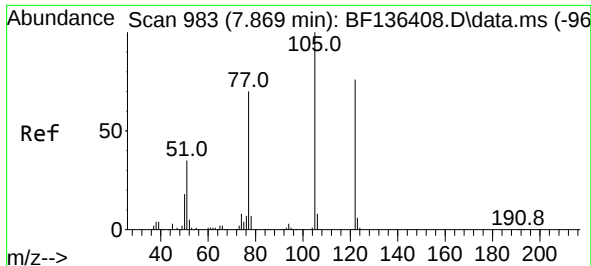
Supervised By :mohammad ahmed 12/14/2023



#31
Naphthalene
Concen: 37.953 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:128 Resp: 1165912
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.9 11.1 16.7





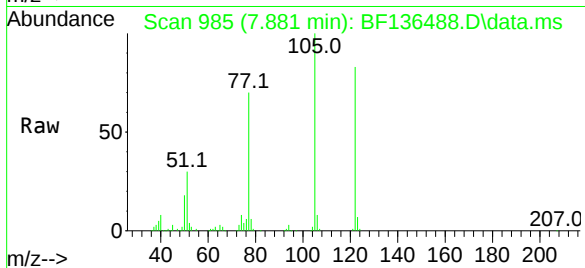
#32
Benzoic acid
Concen: 41.829 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNF

ClientSampleId :

PB157455BS

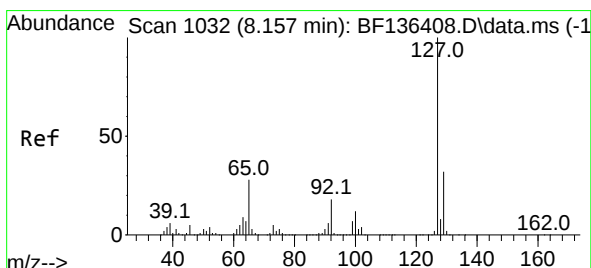
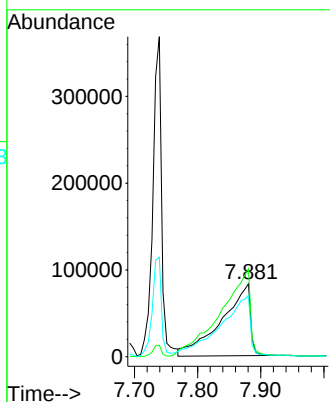
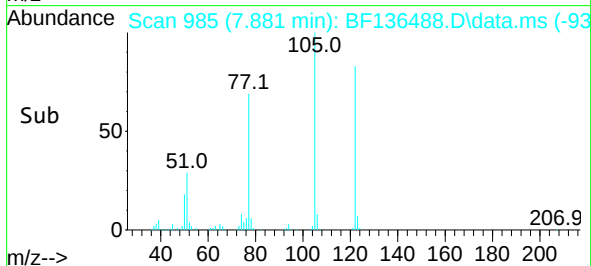


Tgt Ion:122 Resp: 26074
Ion Ratio Lower Upper
122 100
105 120.6 104.7 144.7
77 84.0 68.5 108.5

Manual Integrations

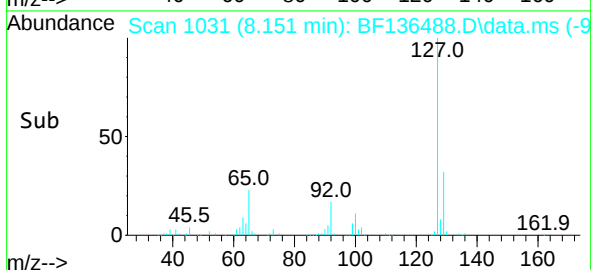
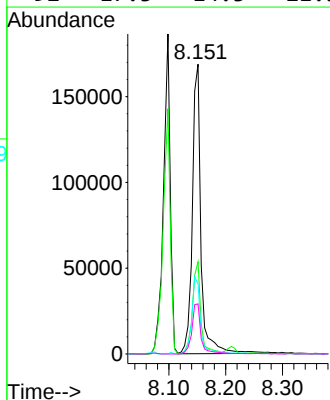
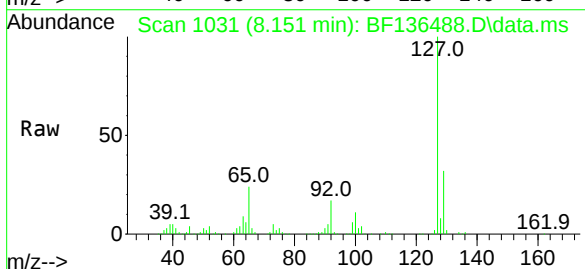
APPROVED

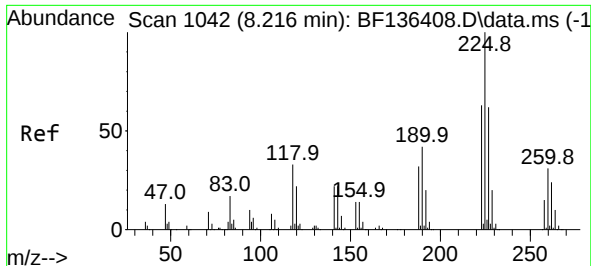
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#33
4-Chloroaniline
Concen: 16.447 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:127 Resp: 180121
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 24.3 22.5 33.7
92 17.3 14.3 21.5





#34
Hexachlorobutadiene
Concen: 35.942 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

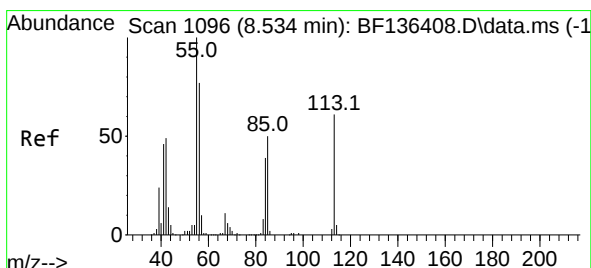
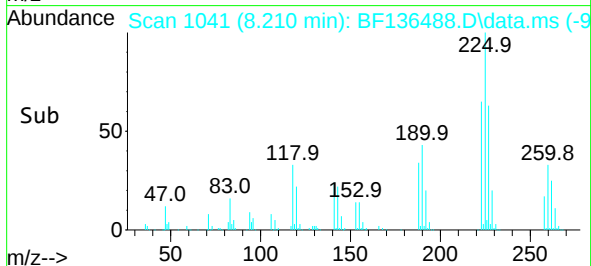
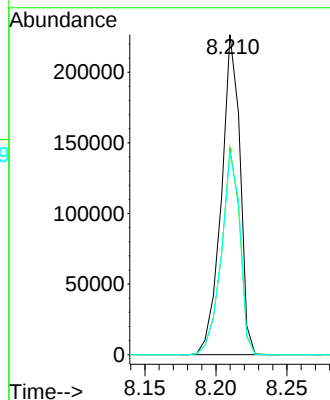
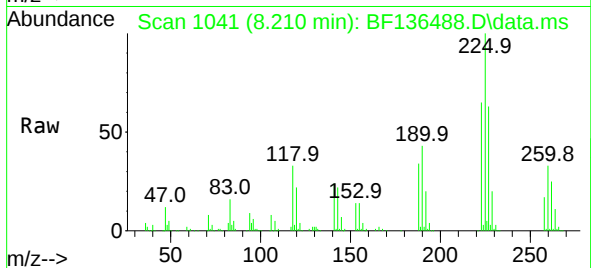
PB157455BS

Tgt Ion:225 Resp: 206014
Ion Ratio Lower Upper
225 100
223 64.6 50.8 76.2
227 62.9 49.8 74.8

Manual Integrations

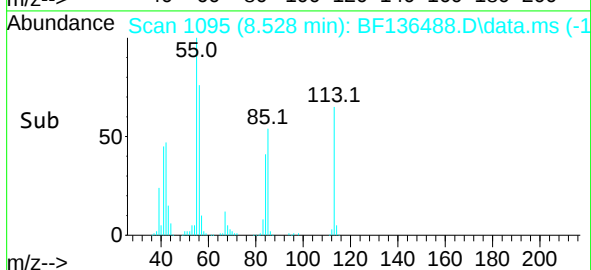
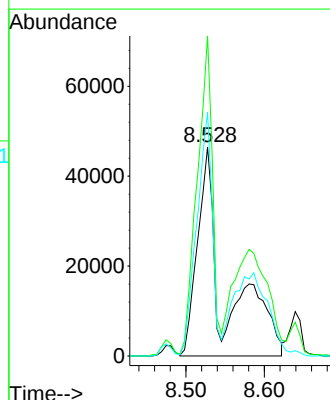
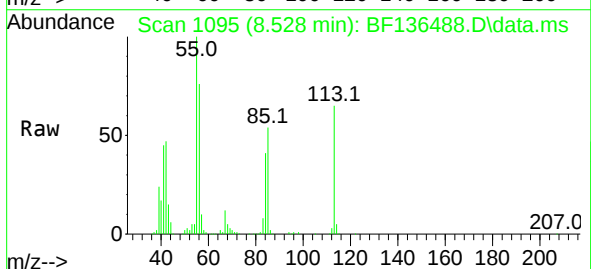
APPROVED

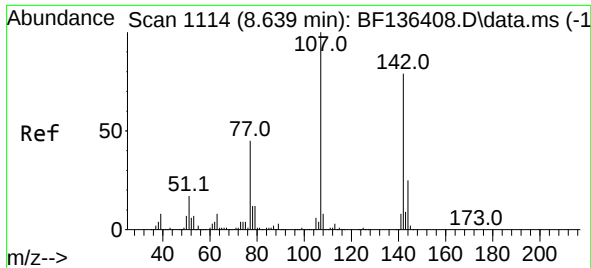
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#35
Caprolactam
Concen: 43.955 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:113 Resp: 112270
Ion Ratio Lower Upper
113 100
55 153.1 143.7 183.7
56 116.5 105.2 145.2





#36
4-Chloro-3-methylphenol
Concen: 41.886 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

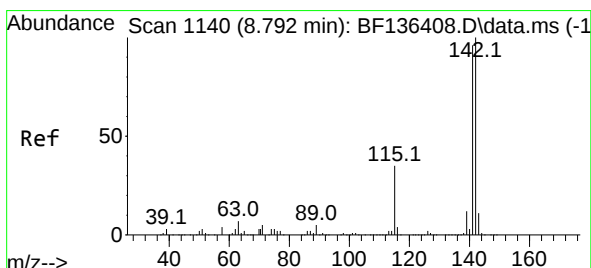
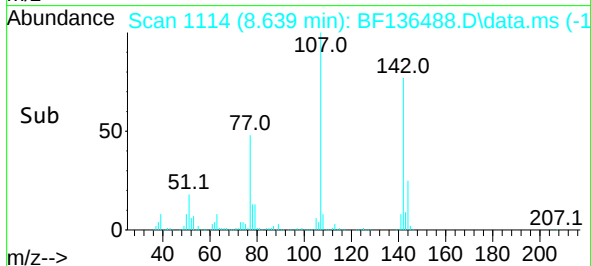
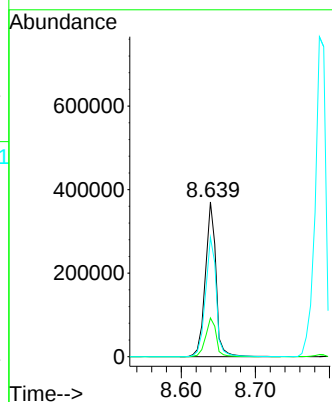
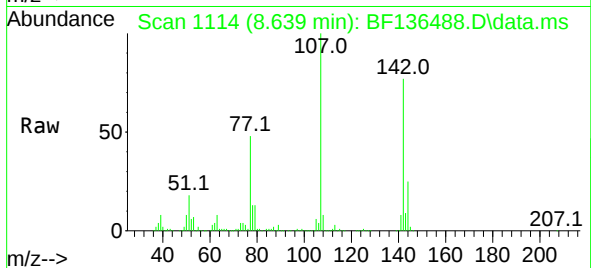
PB157455BS

Tgt Ion:107 Resp: 368874
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 77.0 63.1 94.7

Manual Integrations

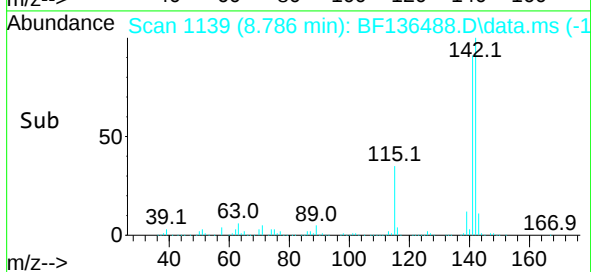
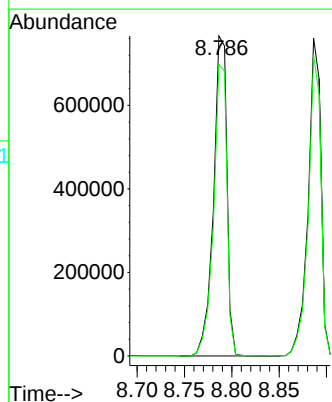
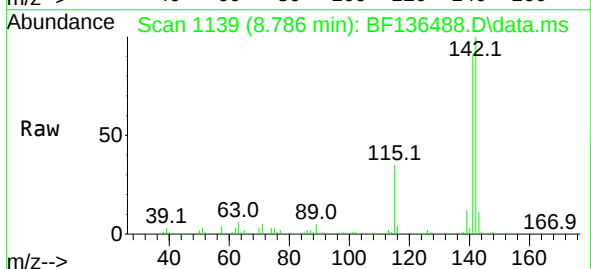
APPROVED

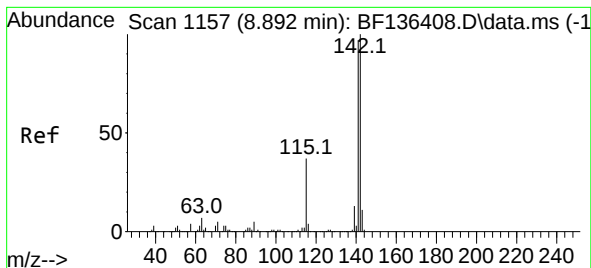
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#37
2-Methylnaphthalene
Concen: 38.834 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:142 Resp: 758951
Ion Ratio Lower Upper
142 100
141 91.1 76.4 114.6





#38

1-Methylnaphthalene

Concen: 37.313 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

Tgt Ion:142 Resp: 715569

Ion Ratio Lower Upper

142 100

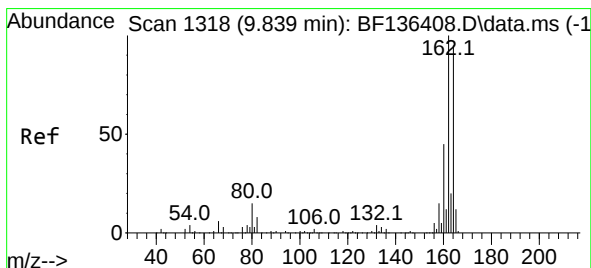
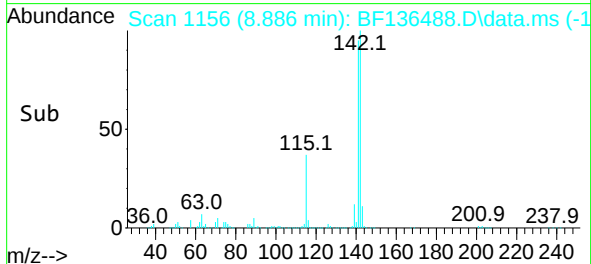
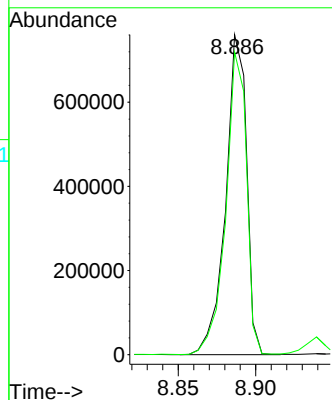
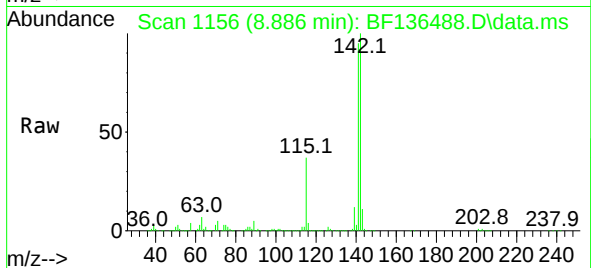
141 94.6 77.7 116.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

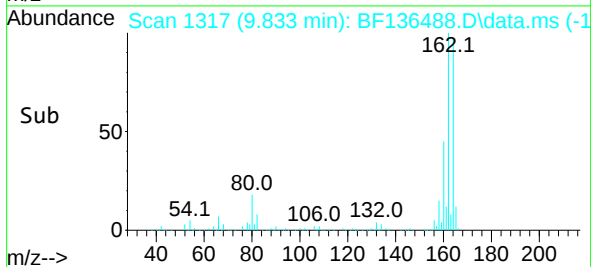
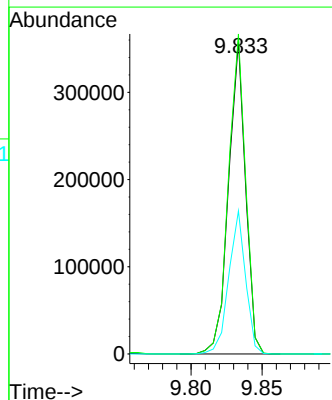
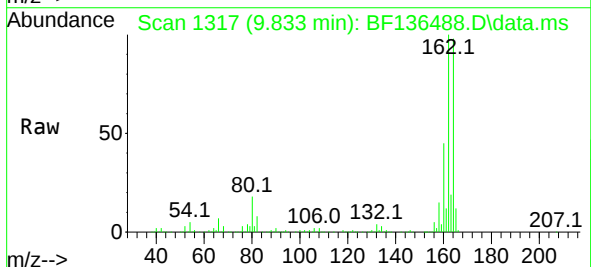
Tgt Ion:164 Resp: 299325

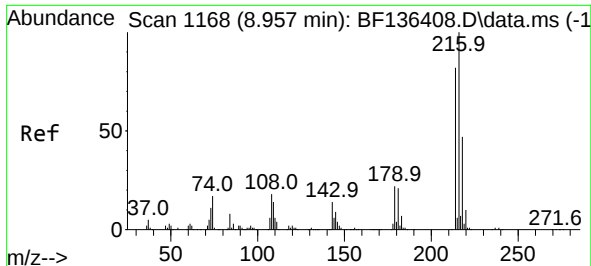
Ion Ratio Lower Upper

164 100

162 102.2 84.4 126.6

160 45.7 37.6 56.4





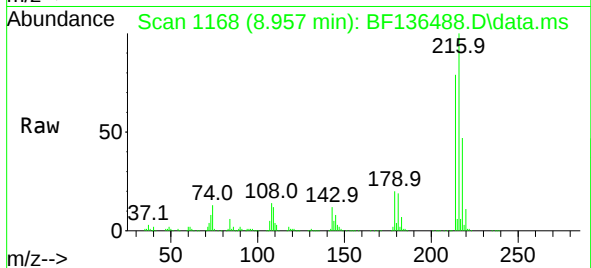
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.455 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

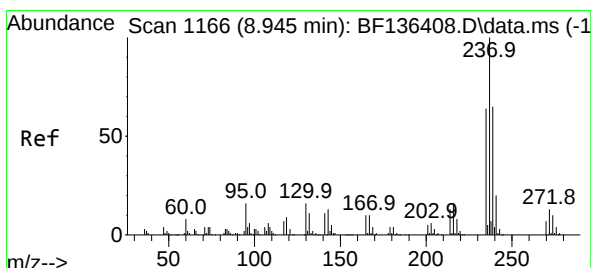
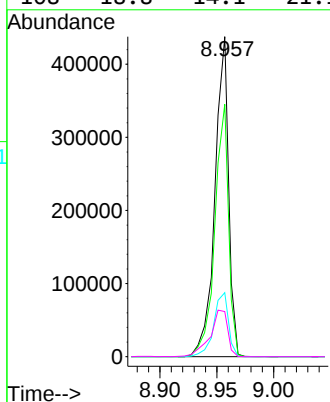
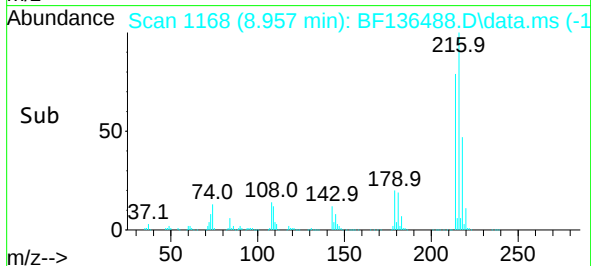


Tgt Ion:216 Resp: 367419
Ion Ratio Lower Upper
216 100
214 79.4 64.1 96.1
179 21.5 17.0 25.6
108 18.8 14.1 21.1

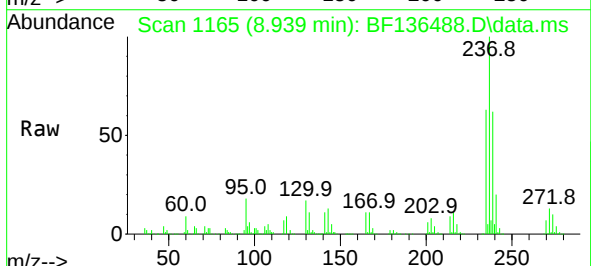
Manual Integrations

APPROVED

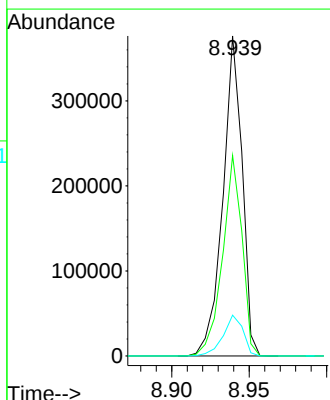
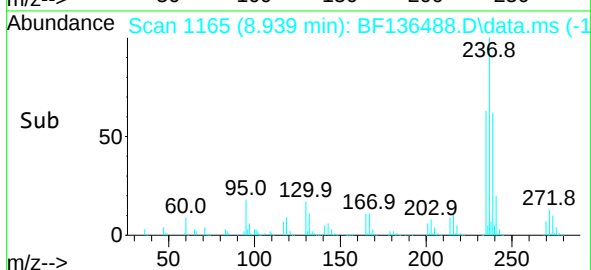
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

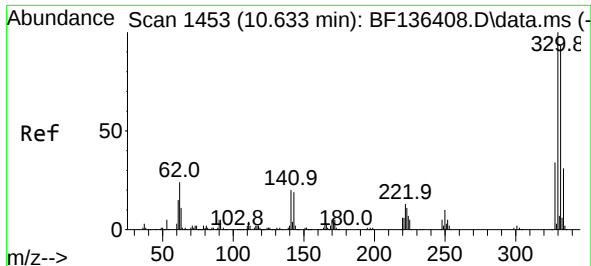


#41
Hexachlorocyclopentadiene
Concen: 94.517 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:237 Resp: 326083
Ion Ratio Lower Upper
237 100
235 62.7 44.1 84.1
272 12.7 0.0 33.3





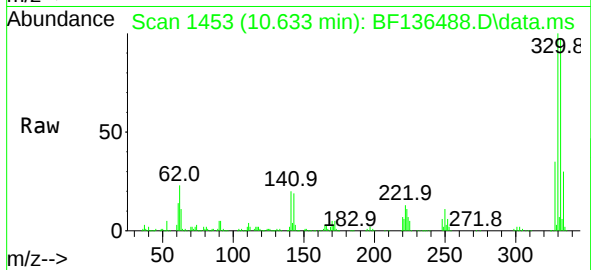
#42
2,4,6-Tribromophenol
Concen: 111.126 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS



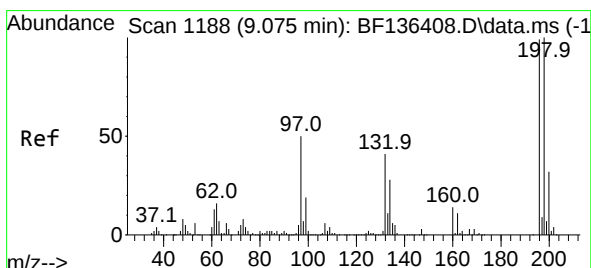
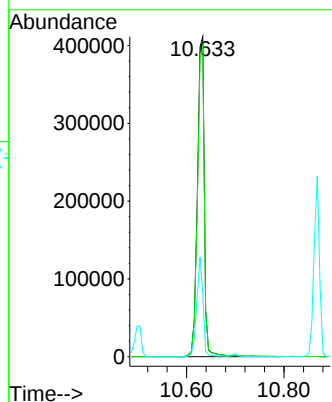
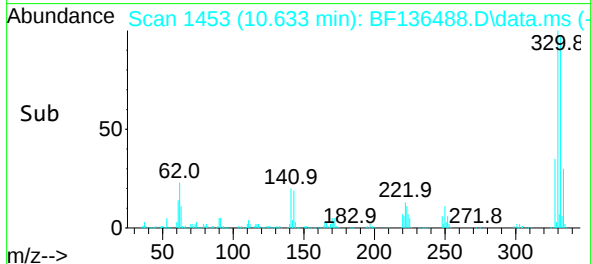
Tgt Ion:330 Resp: 410134
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 28.3 23.4 35.2

Manual Integrations

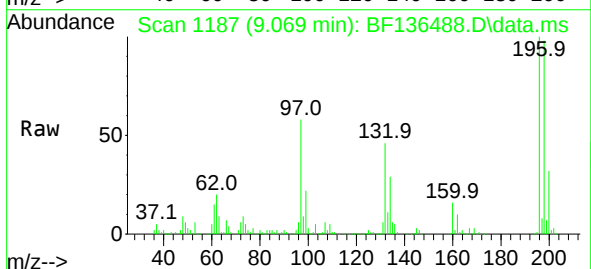
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

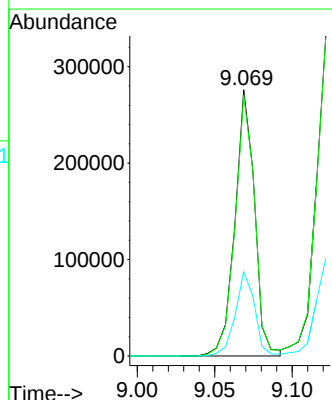
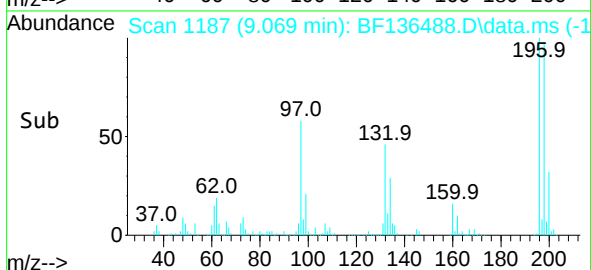
Supervised By :mohammad ahmed 12/14/2023

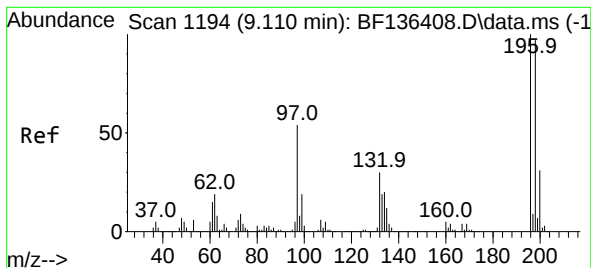


#43
2,4,6-Trichlorophenol
Concen: 40.021 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:196 Resp: 242670
Ion Ratio Lower Upper
196 100
198 97.9 80.4 120.6
200 31.6 25.9 38.9





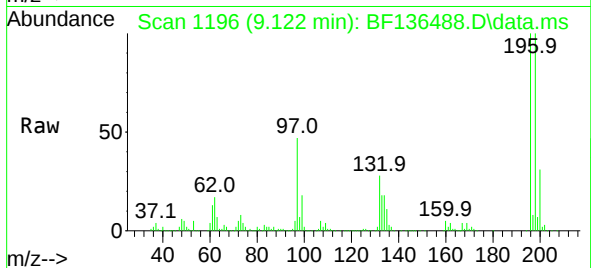
#44
2,4,5-Trichlorophenol
Concen: 39.065 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS



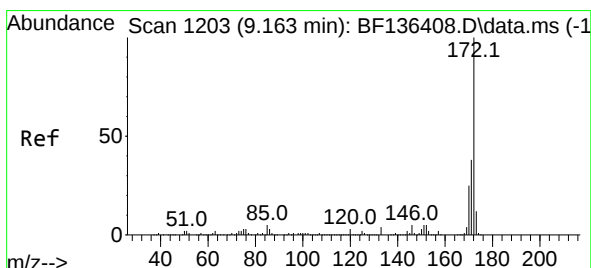
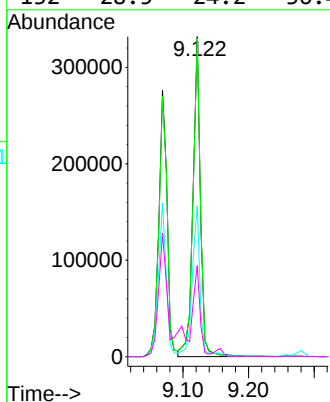
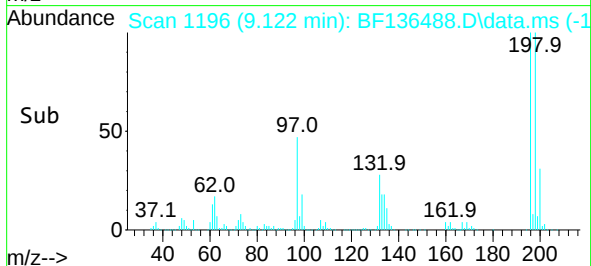
Tgt Ion:196 Resp: 264375
Ion Ratio Lower Upper
196 100
198 99.5 78.1 117.1
97 47.0 43.4 65.2
132 28.5 24.2 36.4

Manual Integrations

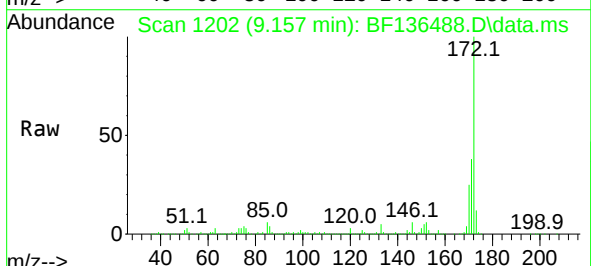
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

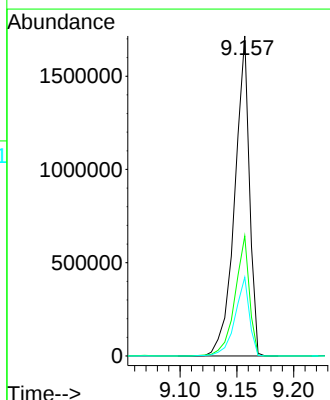
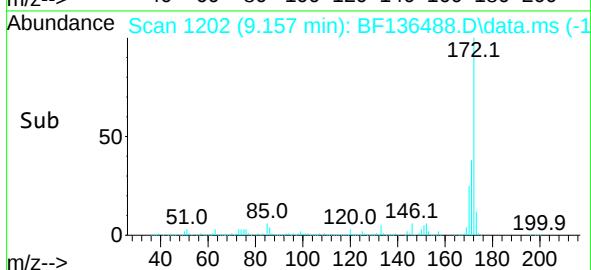
Supervised By :mohammad ahmed 12/14/2023

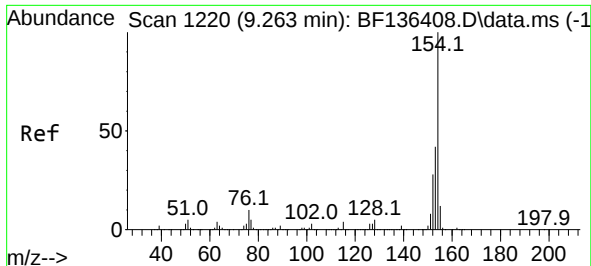


#45
2-Fluorobiphenyl
Concen: 70.104 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



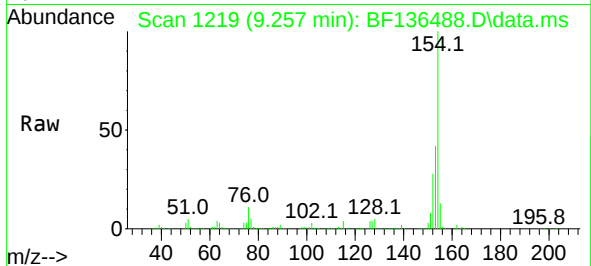
Tgt Ion:172 Resp: 1537842
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 24.6 19.9 29.9





#46
1,1'-Biphenyl
Concen: 38.474 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

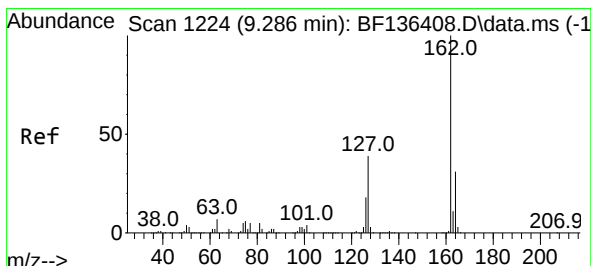
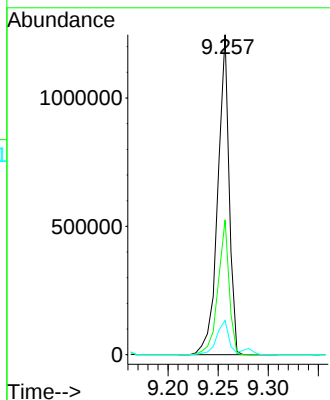
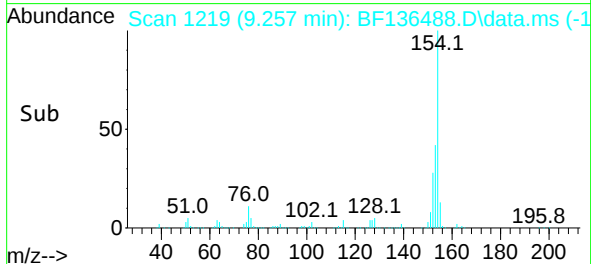
Instrument :
BNA_F
ClientSampleId :
PB157455BS



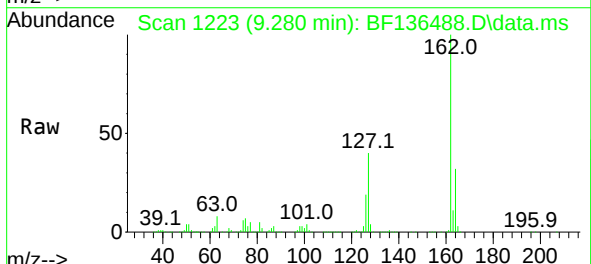
Tgt Ion:154 Resp: 979910
Ion Ratio Lower Upper
154 100
153 42.2 22.5 62.5
76 10.7 0.0 29.9

Manual Integrations
APPROVED

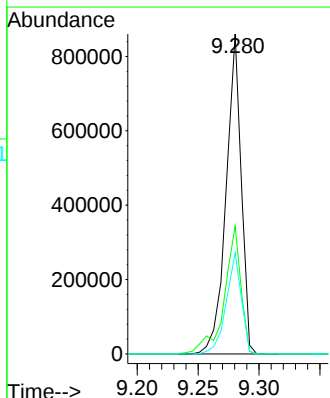
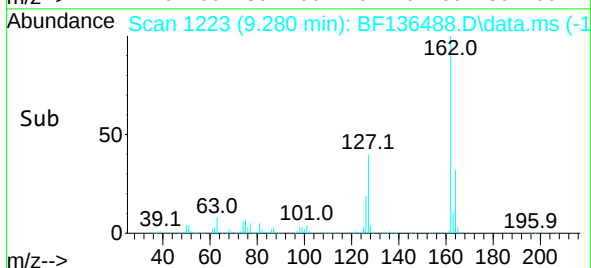
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

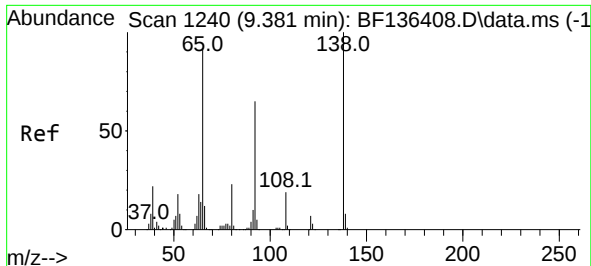


#47
2-Chloronaphthalene
Concen: 37.574 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:162 Resp: 744836
Ion Ratio Lower Upper
162 100
127 40.0 31.1 46.7
164 31.6 24.6 37.0





#48
2-Nitroaniline
Concen: 40.107 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

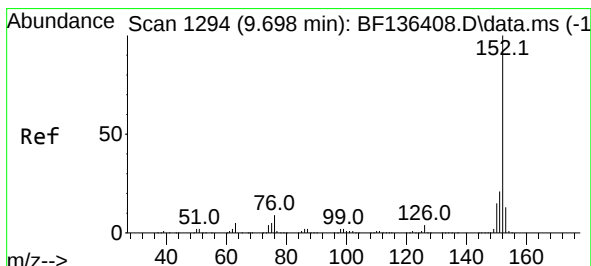
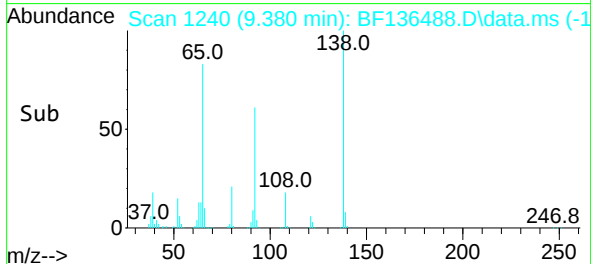
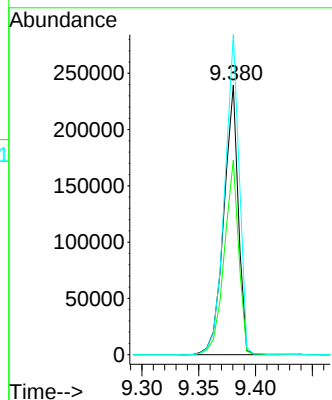
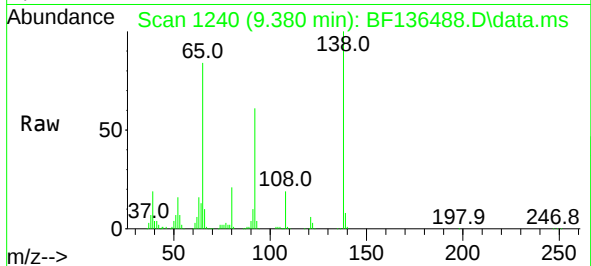
ClientSampleId :

PB157455BS

Tgt Ion: 65 Resp: 21323
Ion Ratio Lower Upper
65 100
92 72.2 56.1 84.1
138 118.7 86.7 130.1

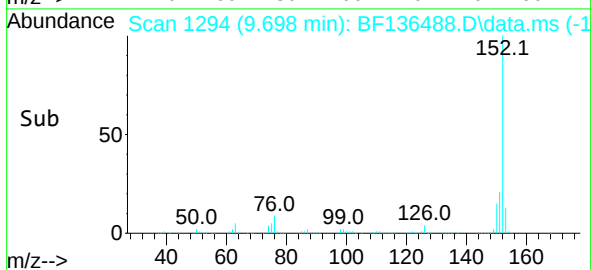
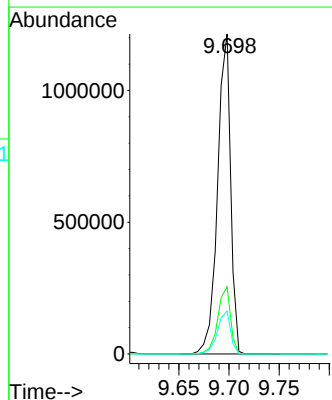
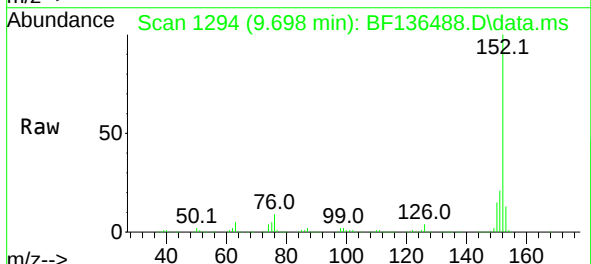
Manual Integrations
APPROVED

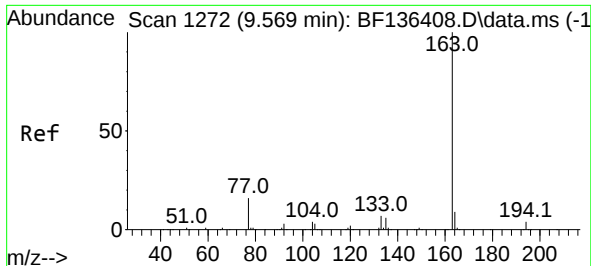
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#49
Acenaphthylene
Concen: 38.831 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:152 Resp: 1096547
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.4 10.6 15.8





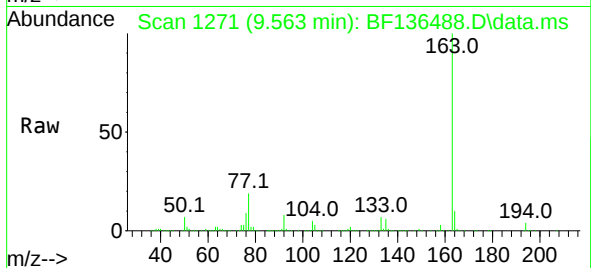
#50
Dimethylphthalate
Concen: 39.908 ng
RT: 9.563 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

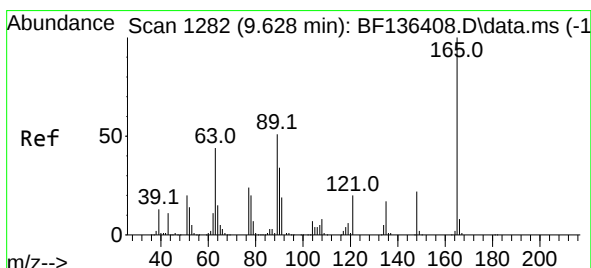
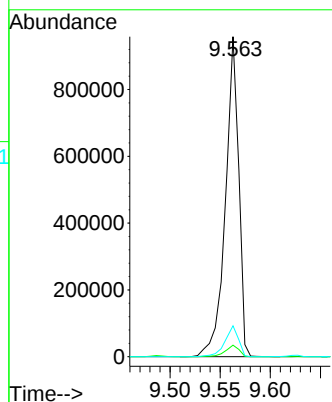
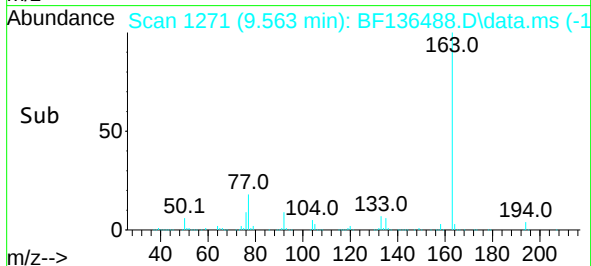


Tgt Ion:163 Resp: 879450
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.7 7.4 11.2

Manual Integrations

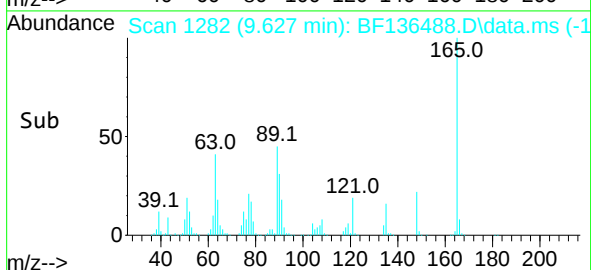
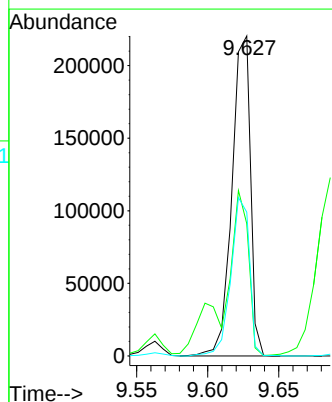
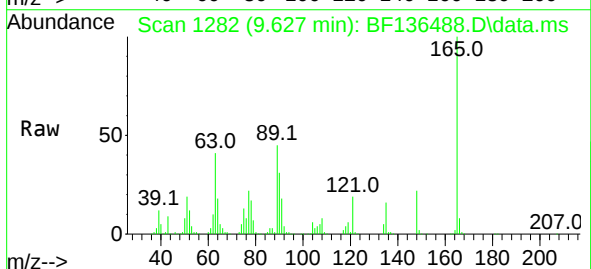
APPROVED

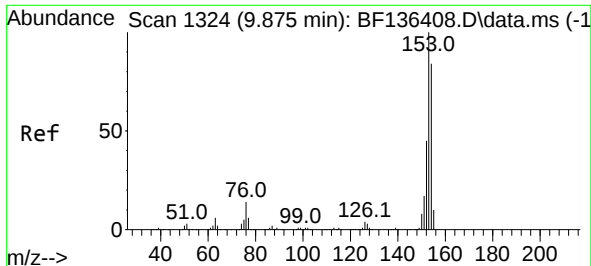
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#51
2,6-Dinitrotoluene
Concen: 40.429 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:165 Resp: 200437
Ion Ratio Lower Upper
165 100
63 41.4 40.4 60.6
89 45.0 40.6 60.8





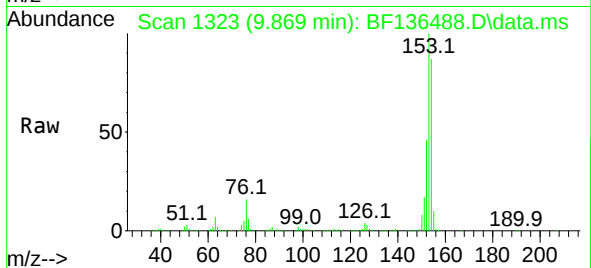
#52
Acenaphthene
Concen: 38.800 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS



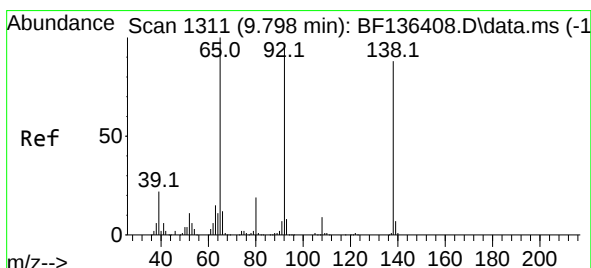
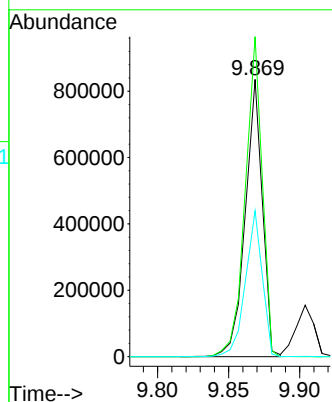
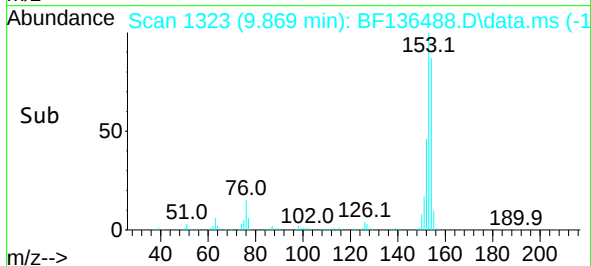
Tgt Ion:154 Resp: 70211
Ion Ratio Lower Upper
154 100
153 115.4 95.3 142.9
152 52.6 43.2 64.8

Manual Integrations

APPROVED

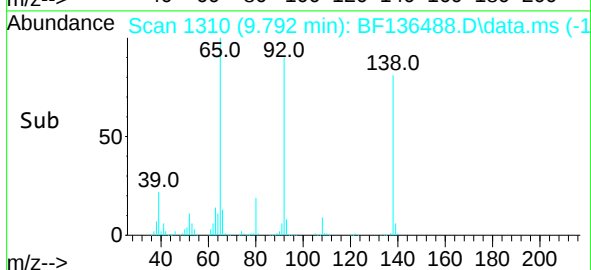
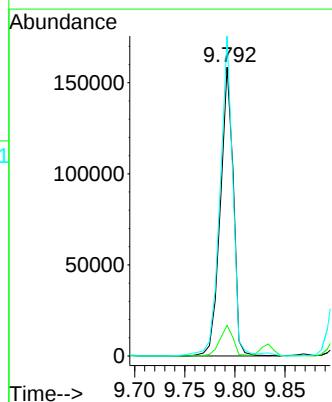
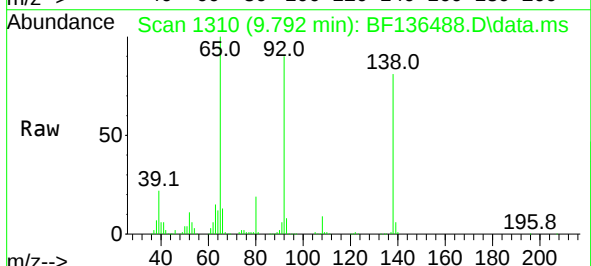
Reviewed By :Yogesh Patel 12/14/2023

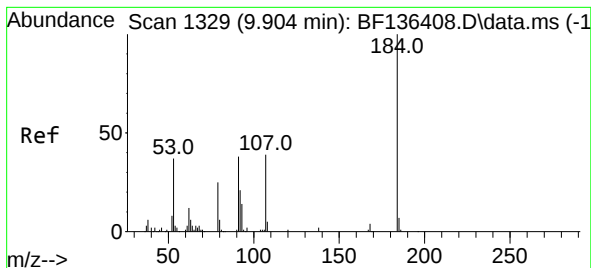
Supervised By :mohammad ahmed 12/14/2023



#53
3-Nitroaniline
Concen: 28.097 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:138 Resp: 142246
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 110.8 86.1 129.1





#54

2,4-Dinitrophenol

Concen: 88.934 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

Tgt Ion:184 Resp: 222920

Ion Ratio Lower Upper

184 100

63 60.4 39.1 58.7

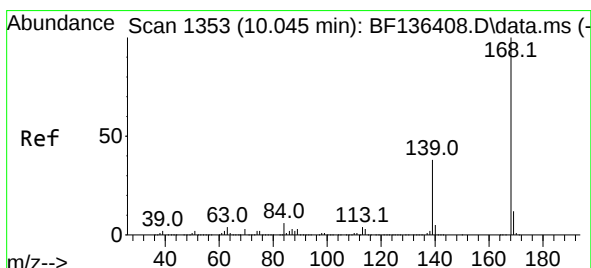
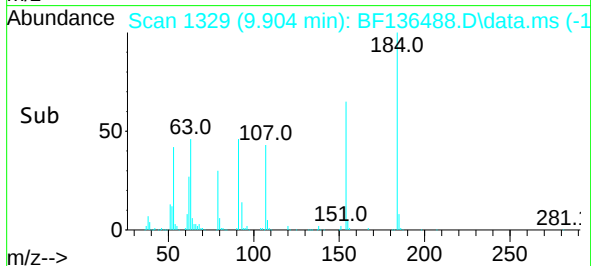
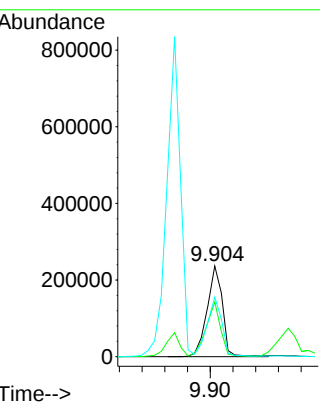
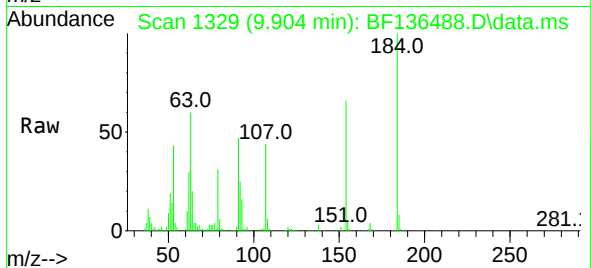
154 65.6 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#55

Dibenzofuran

Concen: 38.698 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

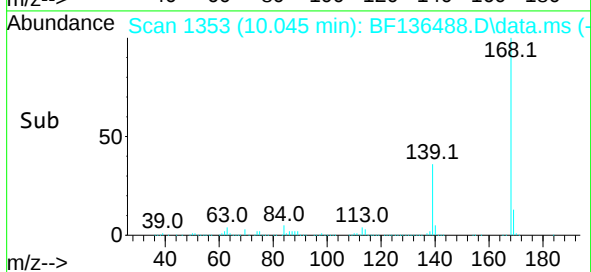
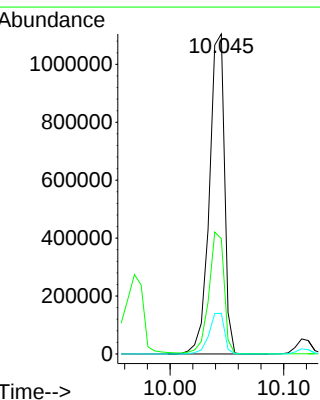
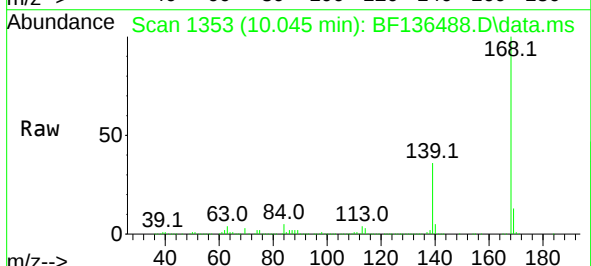
Tgt Ion:168 Resp: 1023016

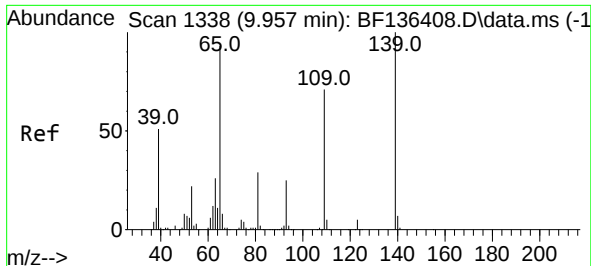
Ion Ratio Lower Upper

168 100

139 36.0 30.4 45.6

169 12.7 9.9 14.9





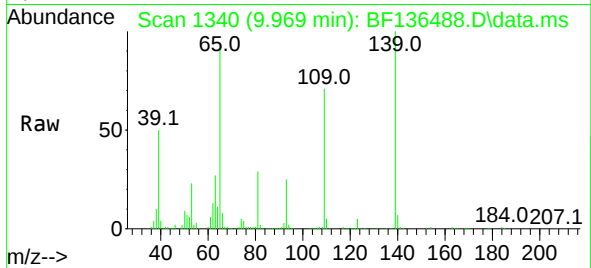
#56
4-Nitrophenol
Concen: 83.577 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

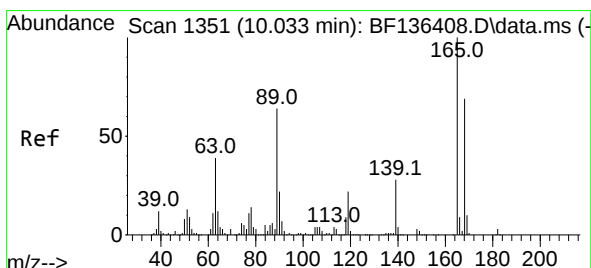
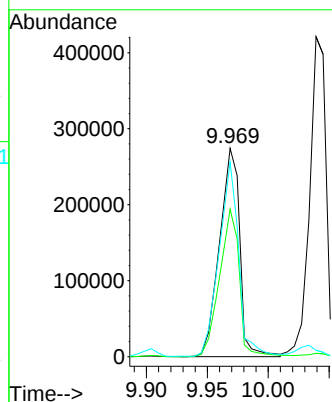
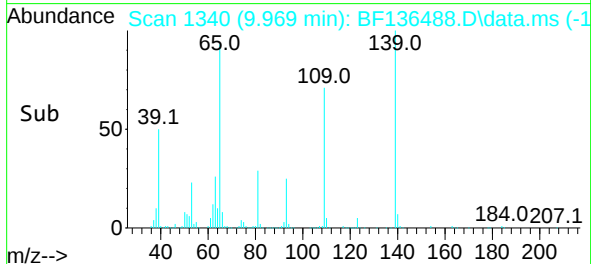


Tgt Ion:139 Resp: 317198
Ion Ratio Lower Upper
139 100
109 70.8 50.6 90.6
65 93.5 73.1 113.1

Manual Integrations

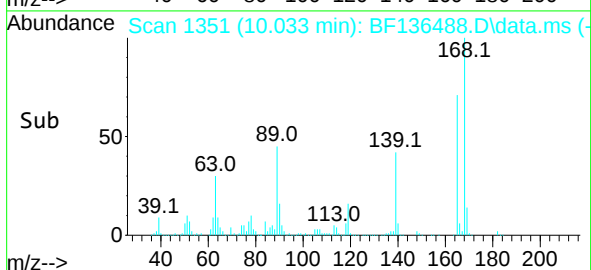
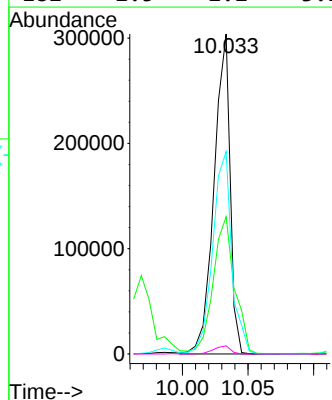
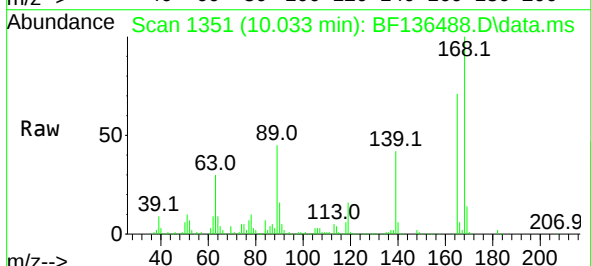
APPROVED

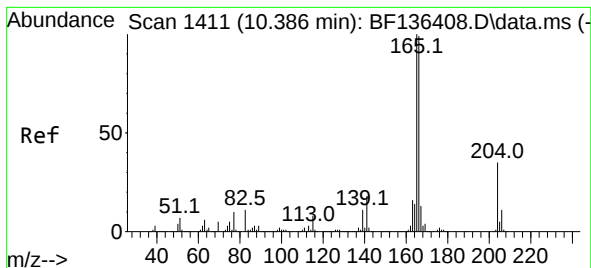
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#57
2,4-Dinitrotoluene
Concen: 39.378 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

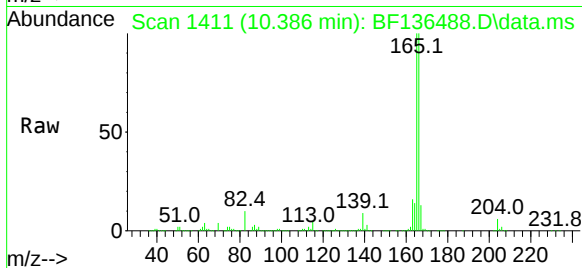
Tgt Ion:165 Resp: 258264
Ion Ratio Lower Upper
165 100
63 42.9 31.4 47.2
89 63.3 51.7 77.5
182 2.5 2.2 3.2





#58
Fluorene
Concen: 38.297 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

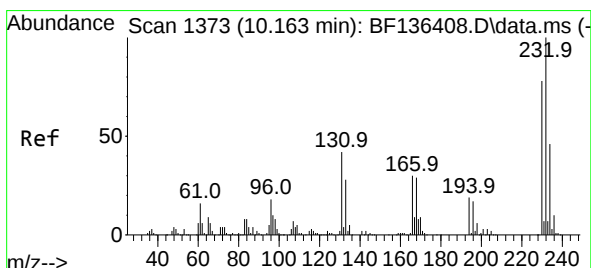
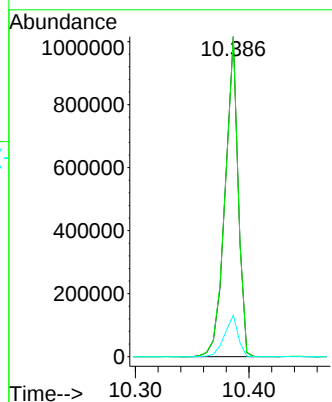
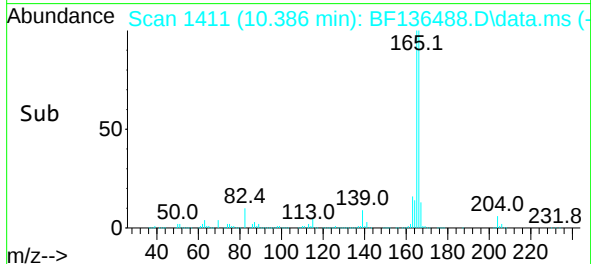
Instrument :
BNA_F
ClientSampleId :
PB157455BS



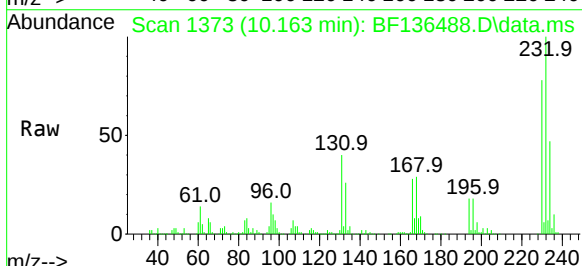
Tgt Ion:166 Resp: 812692
Ion Ratio Lower Upper
166 100
165 100.0 80.5 120.7
167 13.0 10.5 15.7

Manual Integrations
APPROVED

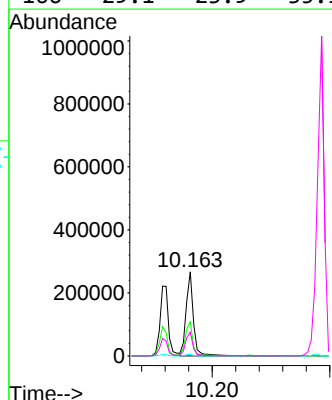
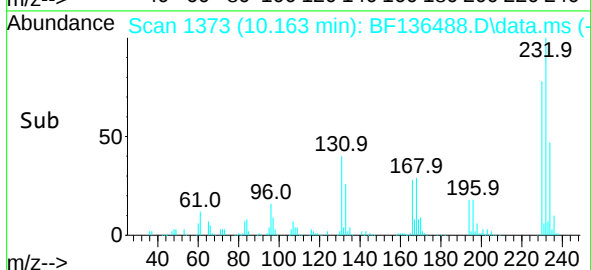
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

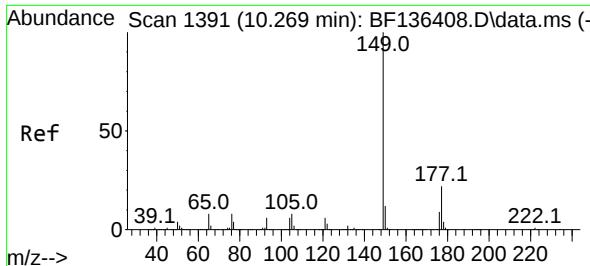


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.842 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:232 Resp: 226819
Ion Ratio Lower Upper
232 100
131 41.9 34.3 51.5
130 2.1 1.6 2.4
166 29.1 23.9 35.9





#60
Diethylphthalate
Concen: 39.494 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

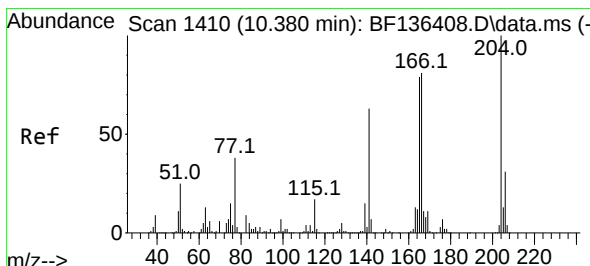
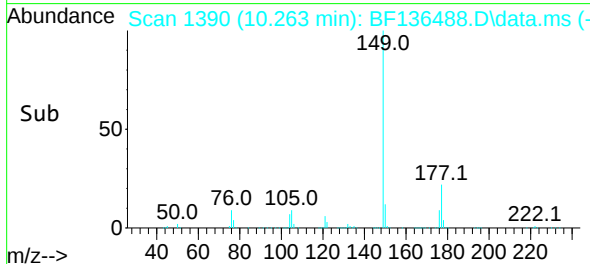
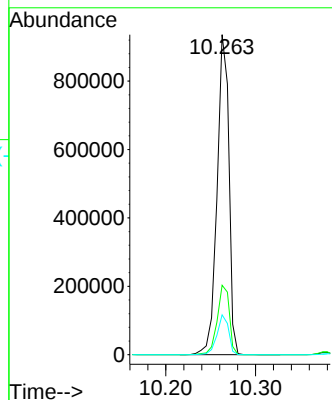
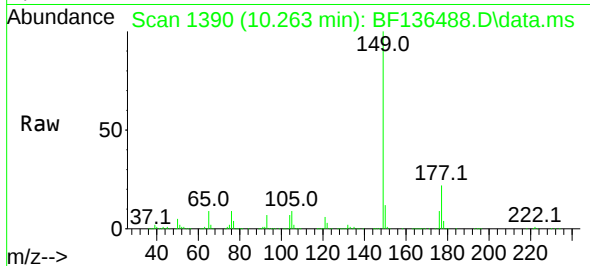
ClientSampleId :

PB157455BS

Tgt Ion:149 Resp: 855820
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.5 9.4 14.0

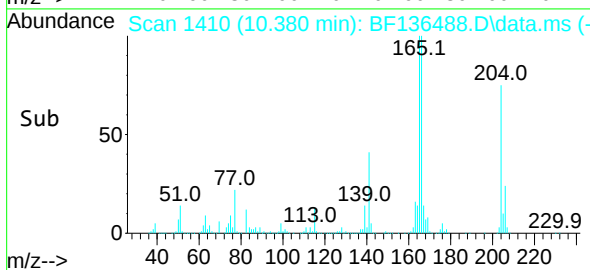
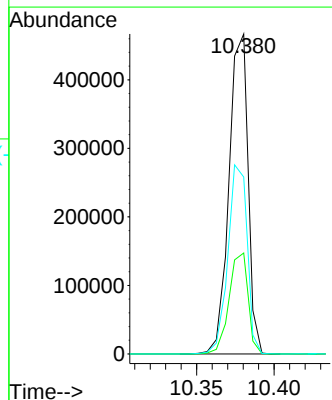
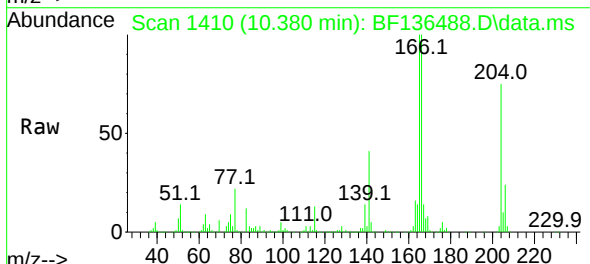
Manual Integrations
APPROVED

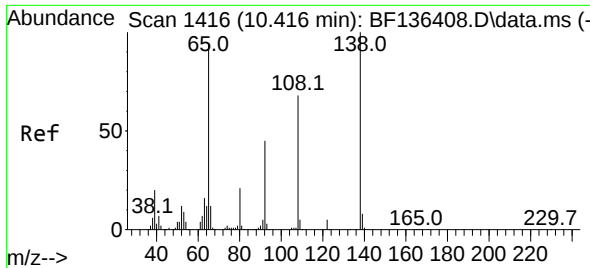
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#61
4-Chlorophenyl-phenylether
Concen: 38.685 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:204 Resp: 400191
Ion Ratio Lower Upper
204 100
206 31.5 24.6 36.8
141 55.3 50.3 75.5





#62
4-Nitroaniline
Concen: 39.561 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

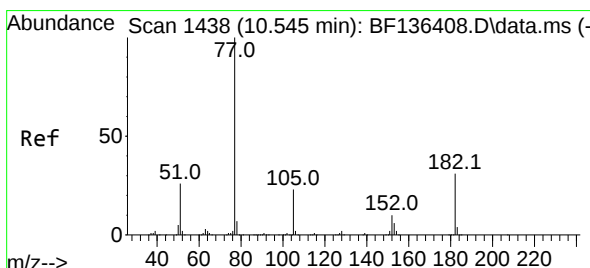
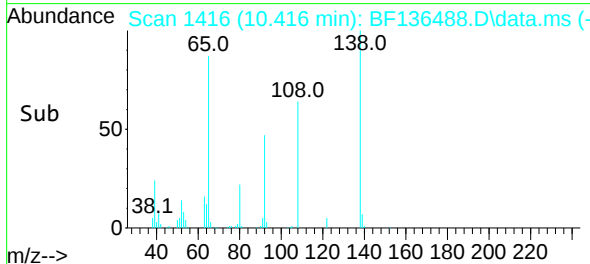
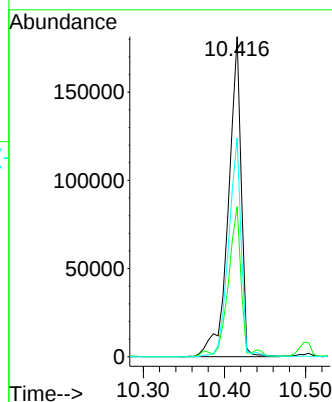
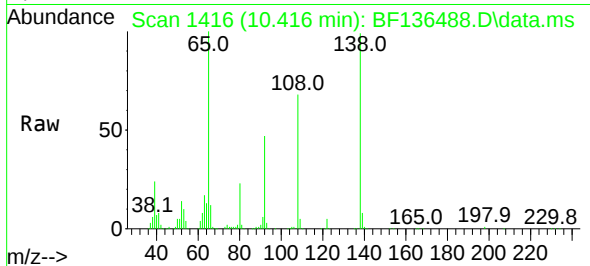
PB157455BS

Tgt Ion:138 Resp: 19887
Ion Ratio Lower Upper
138 100
92 46.9 25.0 65.0
108 68.3 47.9 87.9

Manual Integrations

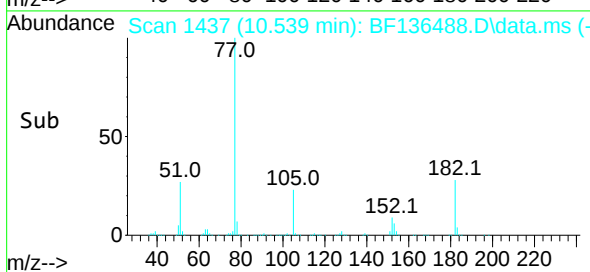
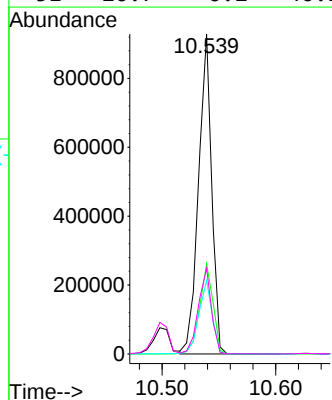
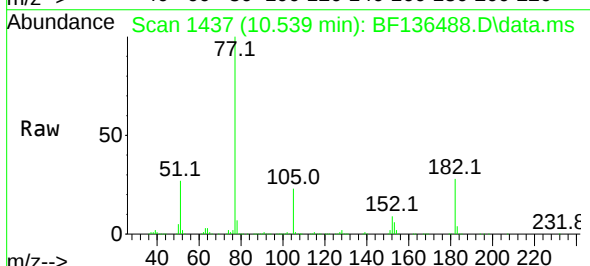
APPROVED

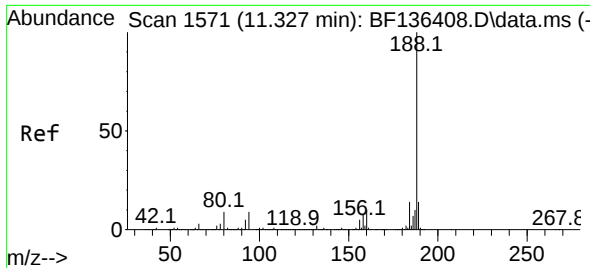
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#63
Azobenzene
Concen: 37.951 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion: 77 Resp: 748555
Ion Ratio Lower Upper
77 100
182 28.2 10.8 50.8
105 22.9 2.6 42.6
51 26.7 6.2 46.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

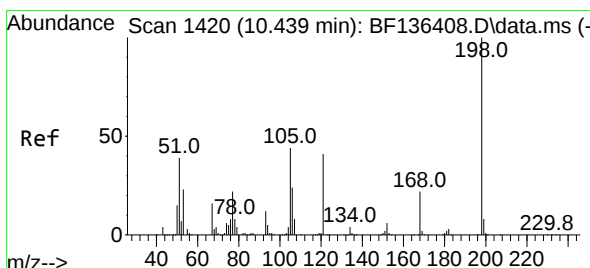
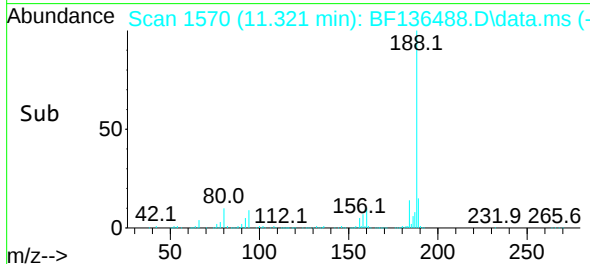
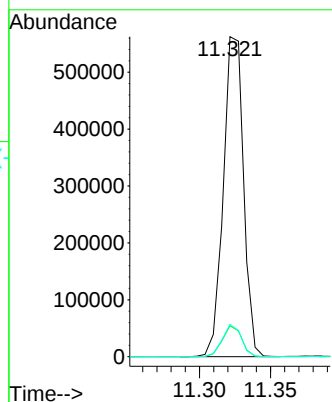
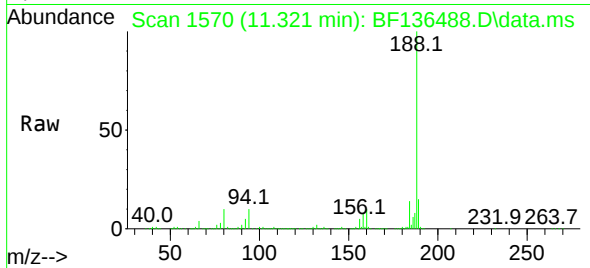
ClientSampleId :

PB157455BS

Tgt Ion:188 Resp: 55570
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.1 7.2 10.8

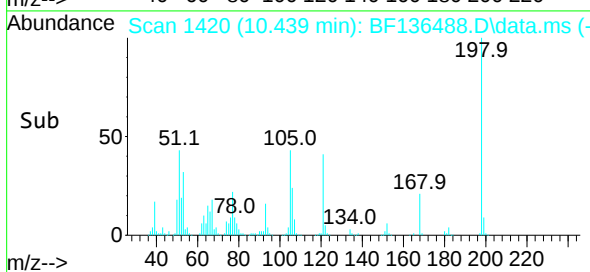
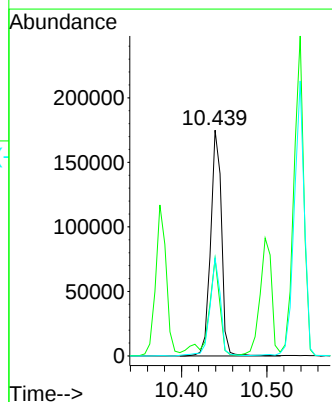
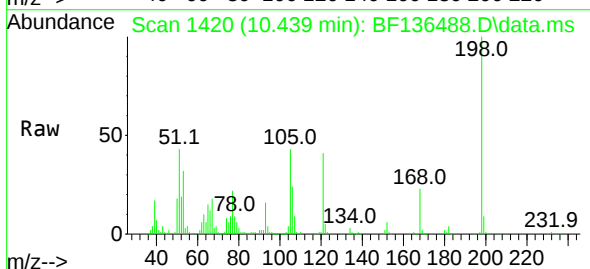
Manual Integrations
APPROVED

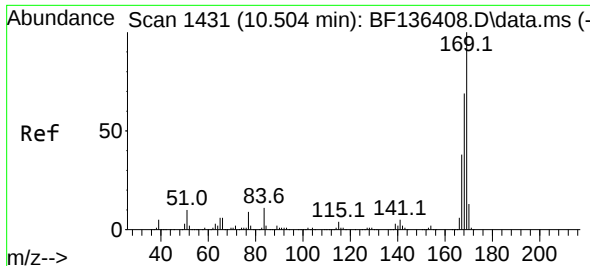
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 45.075 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:198 Resp: 155127
Ion Ratio Lower Upper
198 100
51 43.2 24.1 64.1
105 43.3 24.8 64.8





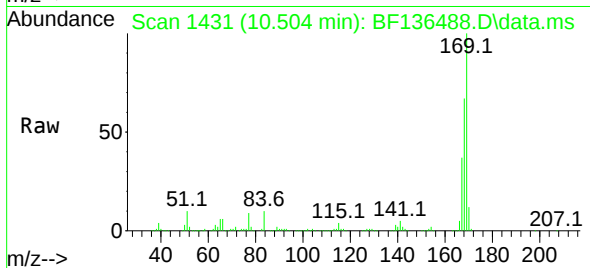
#66
n-Nitrosodiphenylamine
Concen: 41.479 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

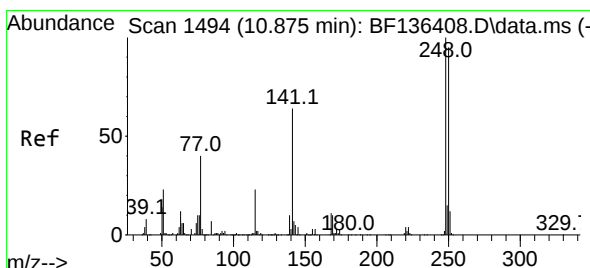
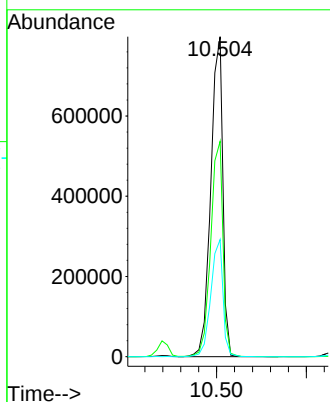
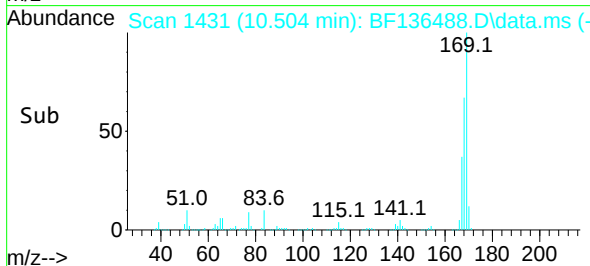


Tgt Ion:169 Resp: 739623
Ion Ratio Lower Upper
169 100
168 67.3 55.3 82.9
167 36.6 30.1 45.1

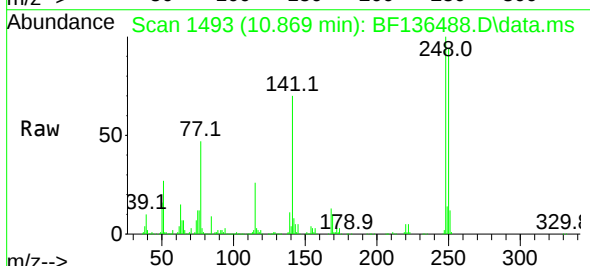
Manual Integrations

APPROVED

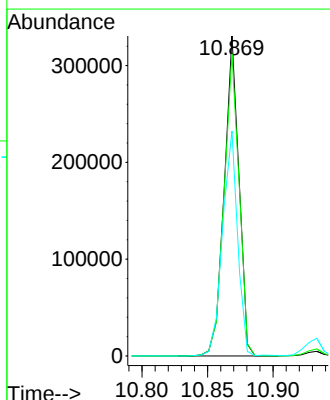
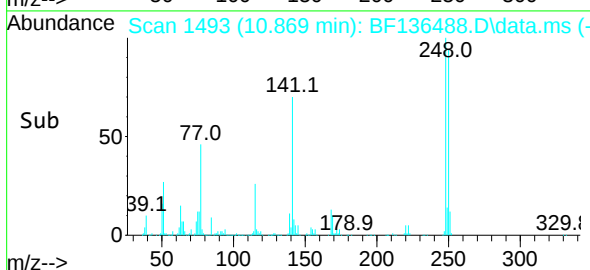
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

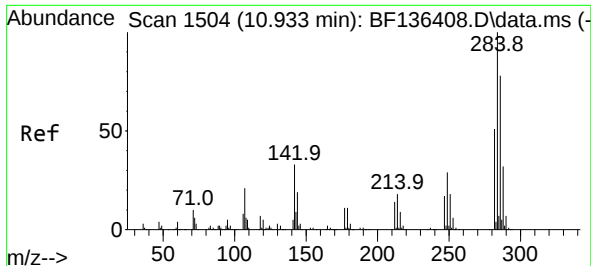


#67
4-Bromophenyl-phenylether
Concen: 39.844 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:248 Resp: 257430
Ion Ratio Lower Upper
248 100
250 94.4 76.2 114.2
141 70.3 51.0 76.4





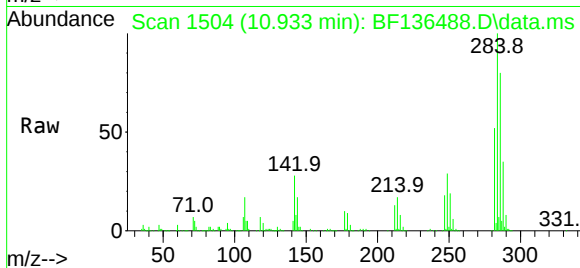
#68
Hexachlorobenzene
Concen: 38.953 ng
RT: 10.933 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

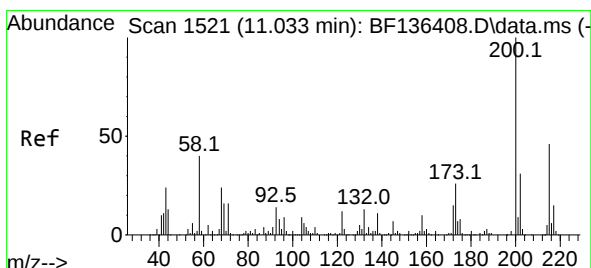
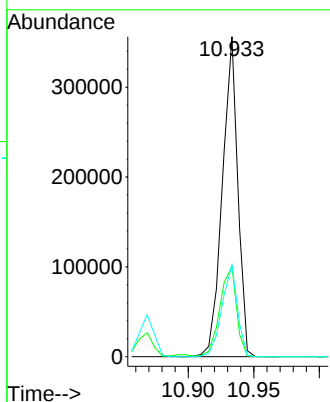
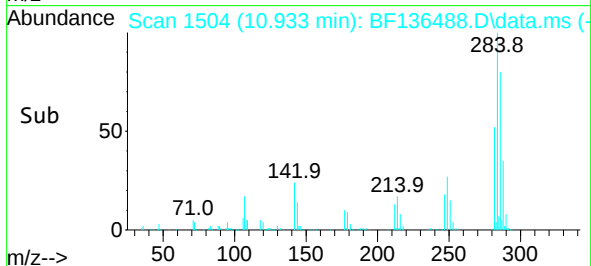


Tgt Ion:284 Resp: 290879
Ion Ratio Lower Upper
284 100
142 28.2 26.5 39.7
249 28.7 23.4 35.0

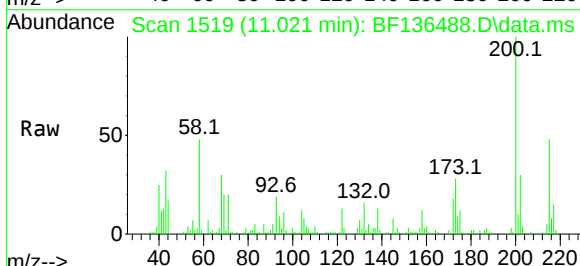
Manual Integrations

APPROVED

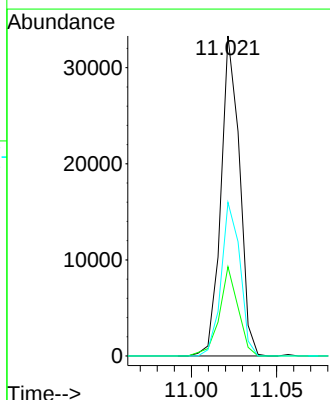
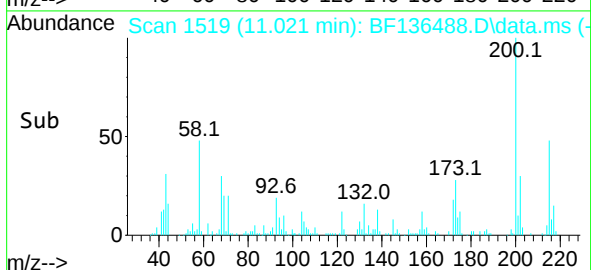
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

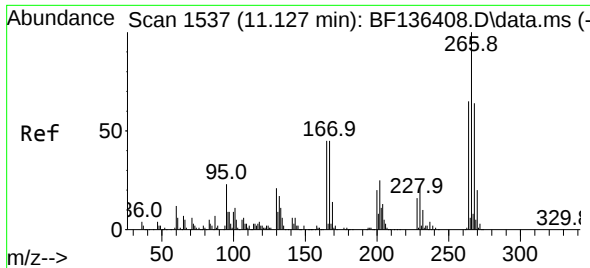


#69
Atrazine
Concen: 4.967 ng
RT: 11.021 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:200 Resp: 25280
Ion Ratio Lower Upper
200 100
173 27.9 6.0 46.0
215 48.0 25.5 65.5





#70
Pentachlorophenol
Concen: 70.773 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

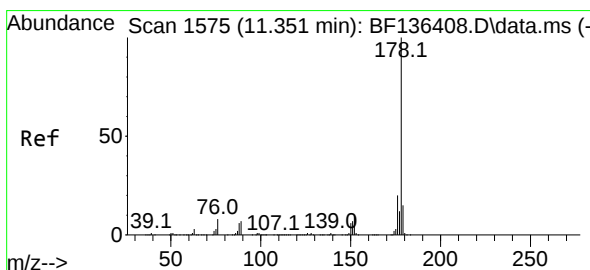
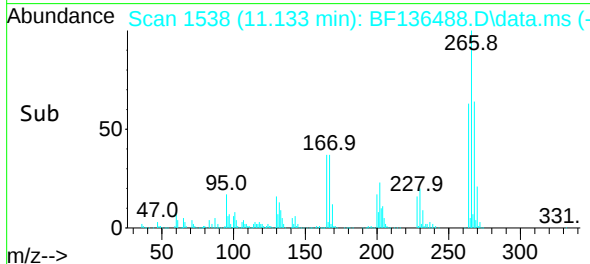
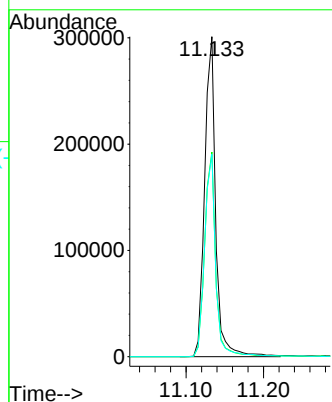
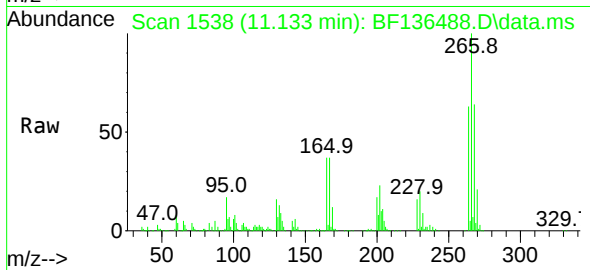
PB157455BS

Tgt Ion:266 Resp: 298272
Ion Ratio Lower Upper
266 100
268 64.0 51.0 76.6
264 63.2 52.2 78.4

Manual Integrations

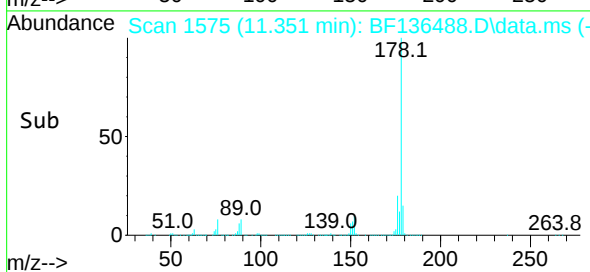
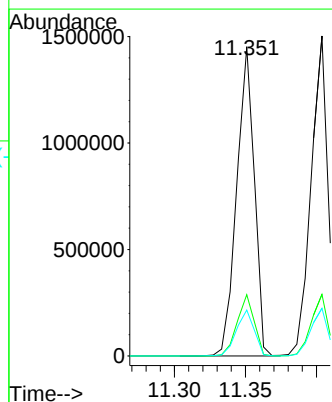
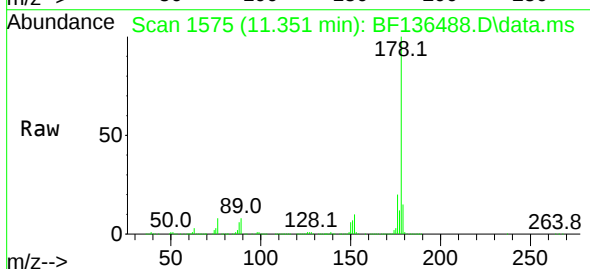
APPROVED

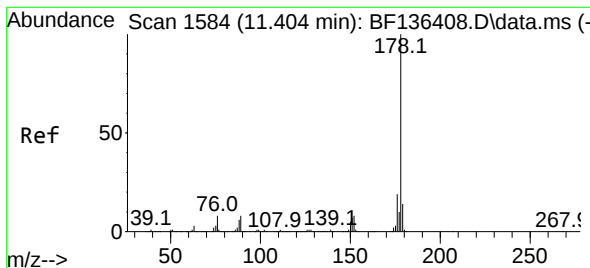
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#71
Phenanthrene
Concen: 41.076 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:178 Resp: 1254613
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 14.8 11.8 17.6





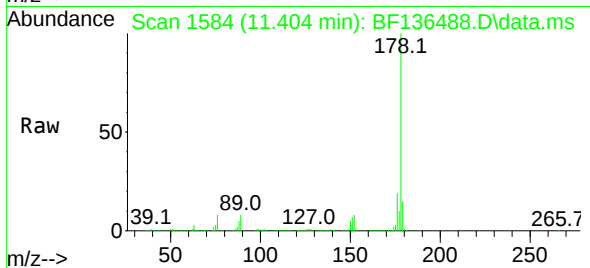
#72
 Anthracene
 Concen: 40.305 ng
 RT: 11.404 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136488.D
 Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS



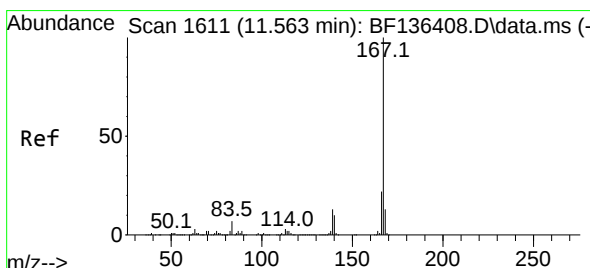
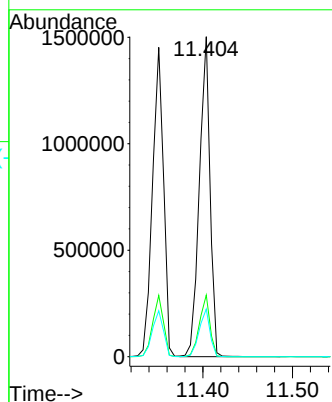
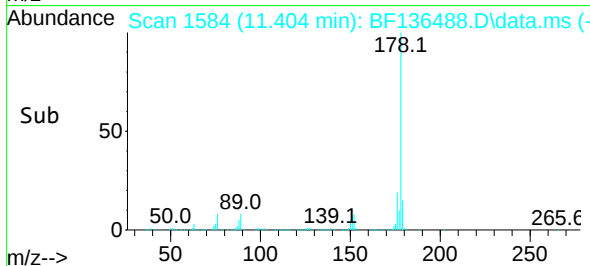
Tgt Ion:178 Resp: 1239970
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.3 22.9
 179 14.9 11.4 17.0

Manual Integrations

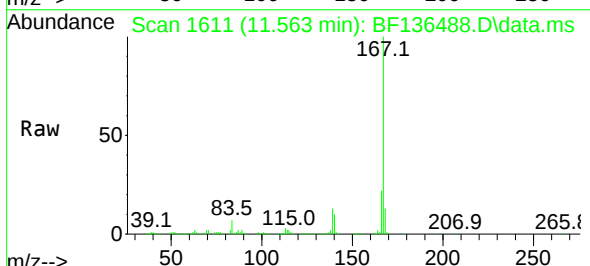
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

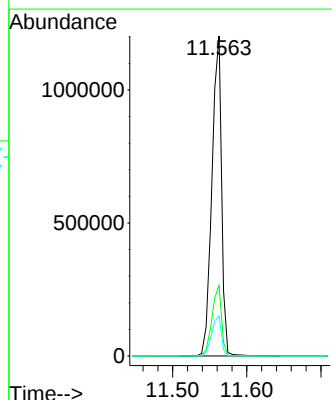
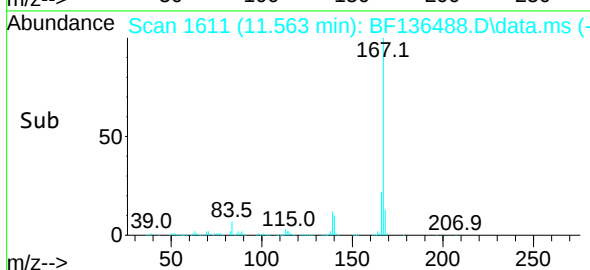
Supervised By :mohammad ahmed 12/14/2023

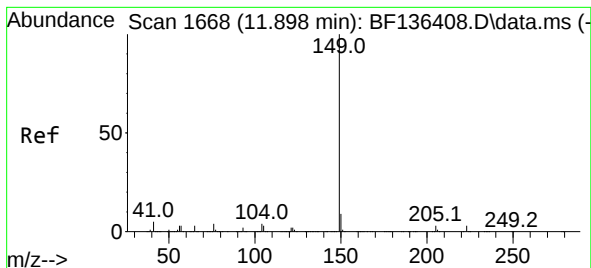


#73
 Carbazole
 Concen: 40.047 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF136488.D
 Acq: 11 Dec 2023 13:55



Tgt Ion:167 Resp: 1090436
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.5 10.2 15.4





#74

Di-n-butylphthalate

Concen: 39.354 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

Tgt Ion:149 Resp: 131364

Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

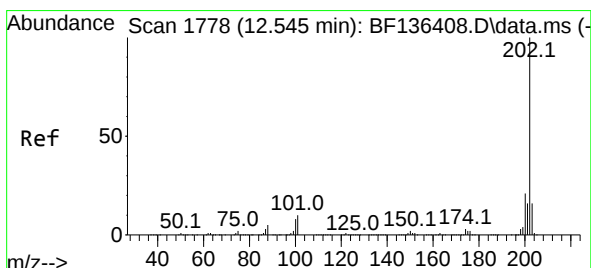
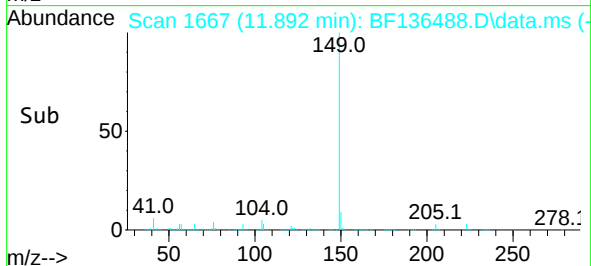
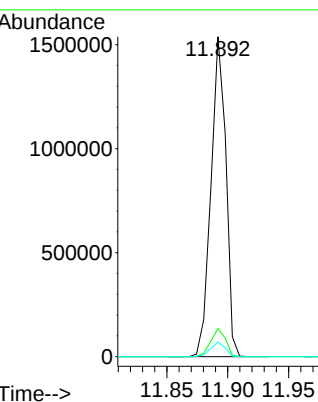
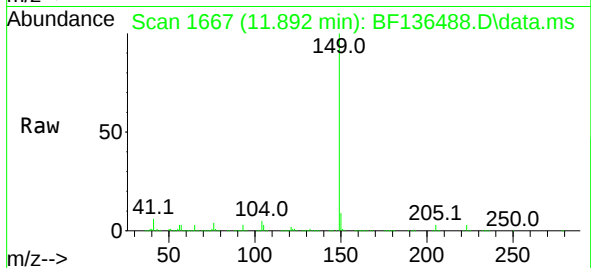
104 4.5 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#75

Fluoranthene

Concen: 38.088 ng

RT: 12.545 min Scan# 1778

Delta R.T. -0.000 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

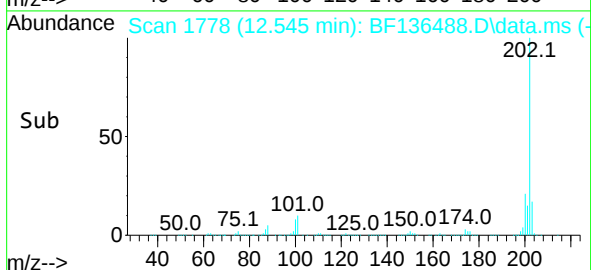
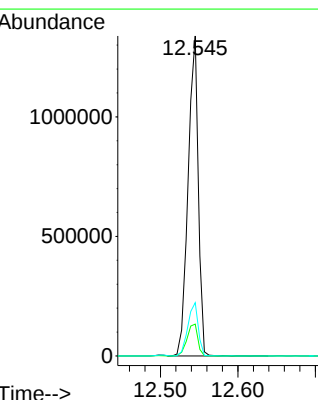
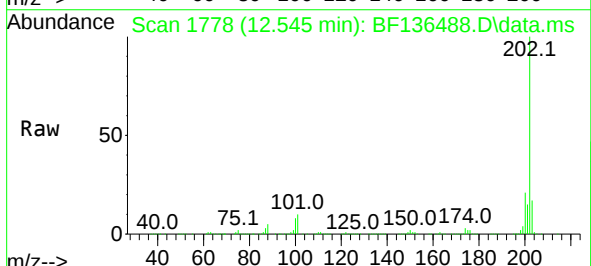
Tgt Ion:202 Resp: 1219127

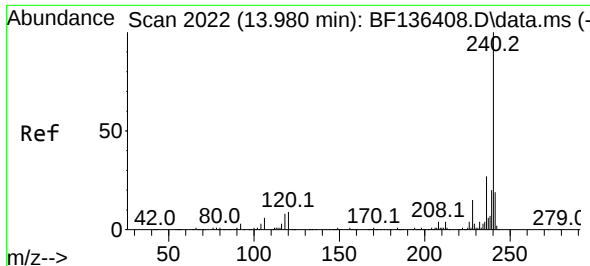
Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.9

203 16.6 0.0 36.3





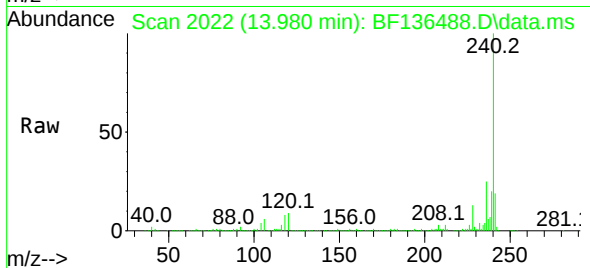
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

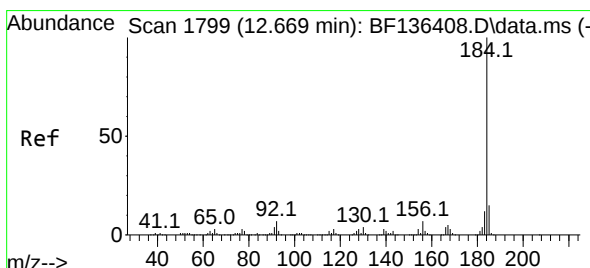
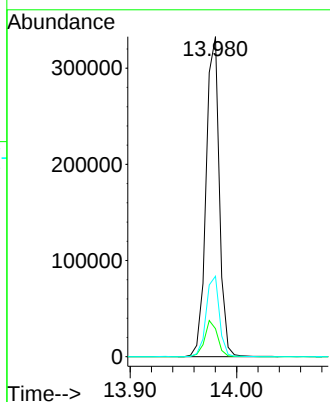
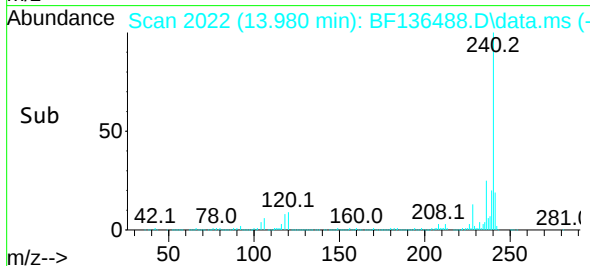


Tgt Ion:240 Resp: 287768
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.2 21.3 31.9

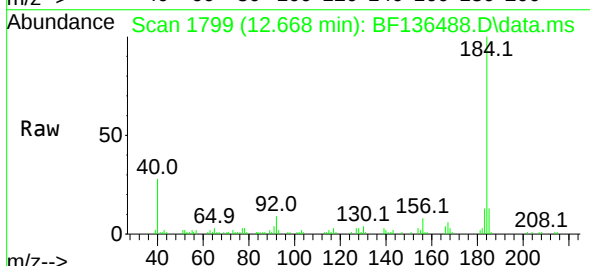
Manual Integrations

APPROVED

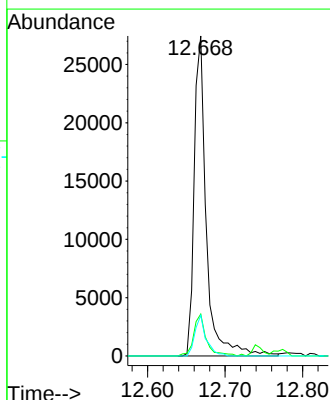
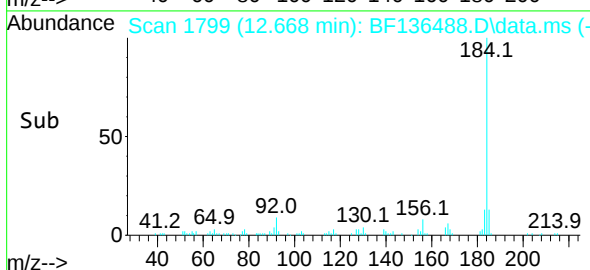
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

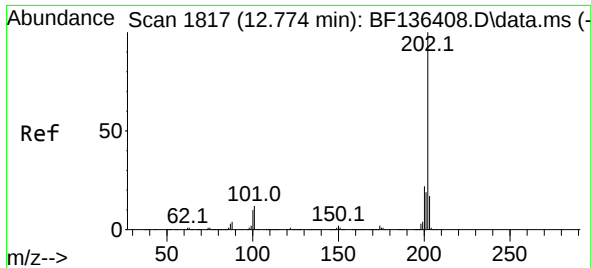


#77
Benzidine
Concen: 7.225 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



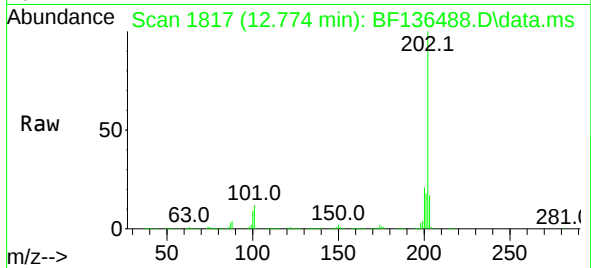
Tgt Ion:184 Resp: 29850
Ion Ratio Lower Upper
184 100
185 13.1 12.0 18.0
183 12.7 9.4 14.0





#78
Pyrene
Concen: 43.063 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

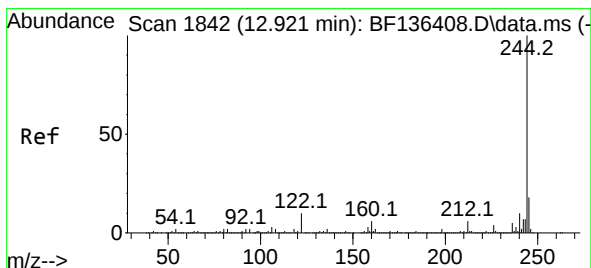
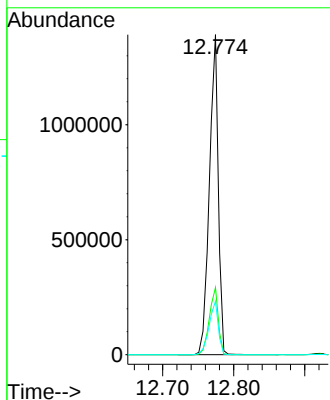
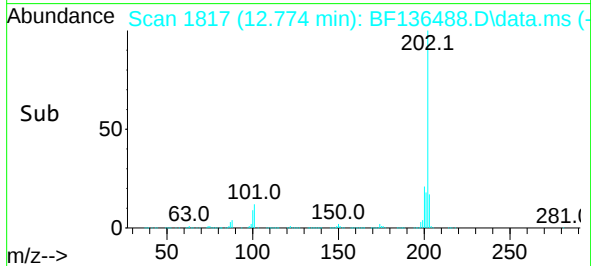
Instrument :
BNA_F
ClientSampleId :
PB157455BS



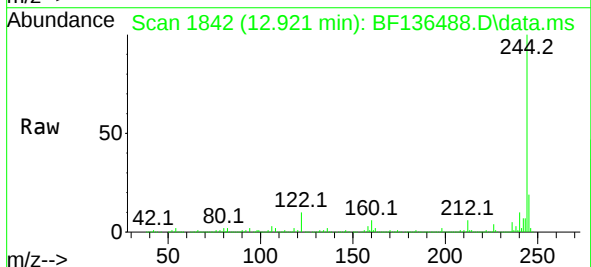
Tgt Ion:202 Resp: 1213652
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 16.7 13.5 20.3

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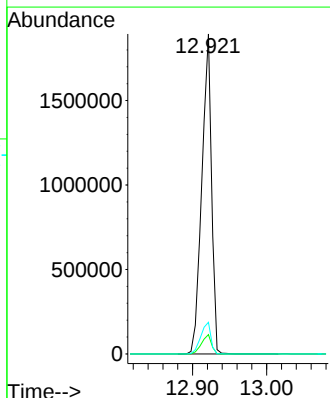
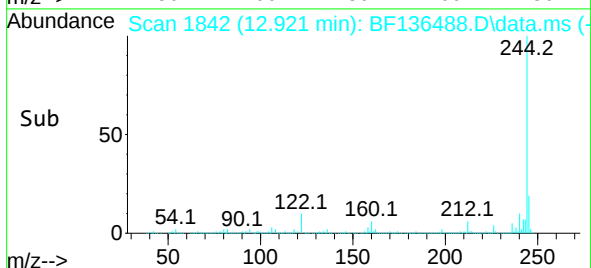
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

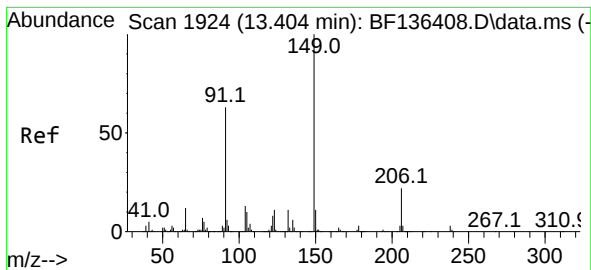


#79
Terphenyl-d14
Concen: 79.065 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:244 Resp: 1726221
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 9.9 8.3 12.5





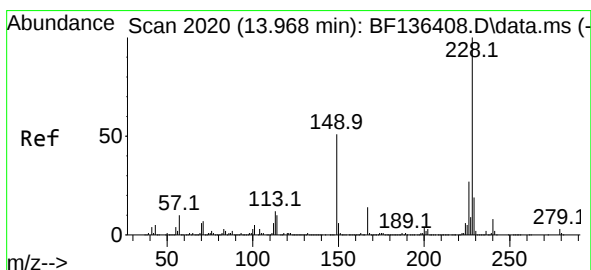
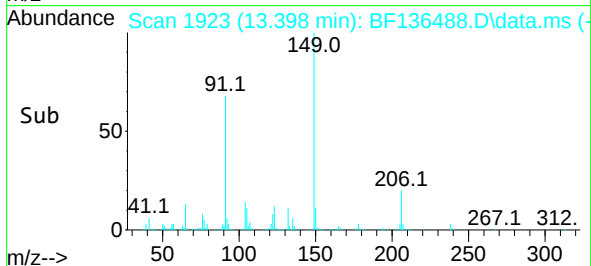
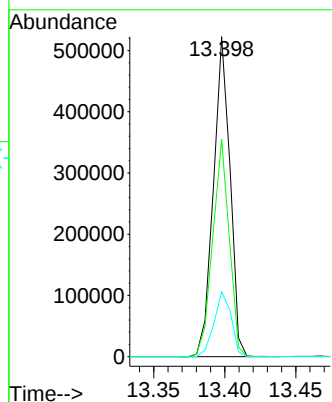
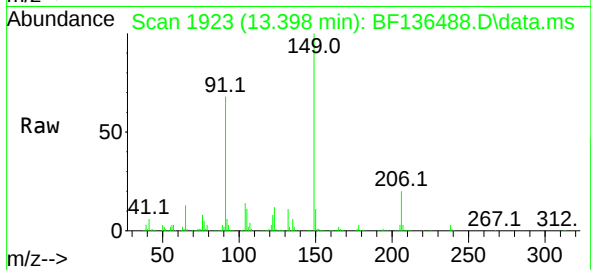
#80
Butylbenzylphthalate
Concen: 42.385 ng
RT: 13.398 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :
BNA_F
ClientSampleId :
PB157455BS

Tgt Ion:149 Resp: 425228
Ion Ratio Lower Upper
149 100
91 68.0 50.5 75.7
206 20.3 17.4 26.2

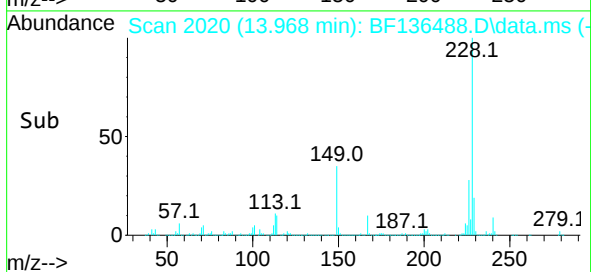
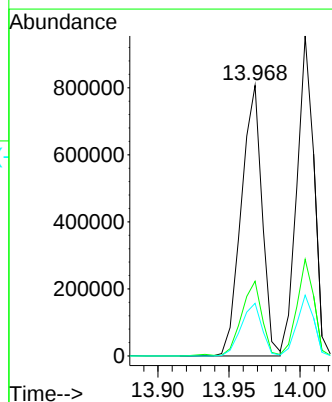
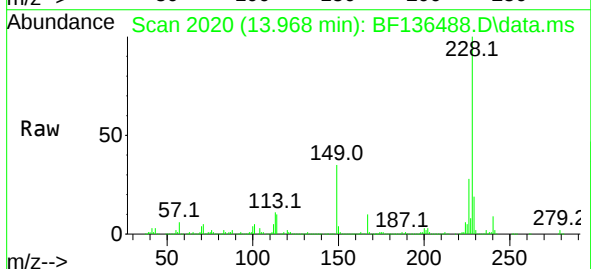
Manual Integrations
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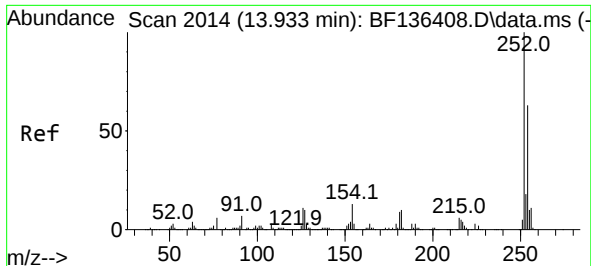
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#81
Benzo(a)anthracene
Concen: 41.139 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:228 Resp: 824619
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.5 15.0 22.4





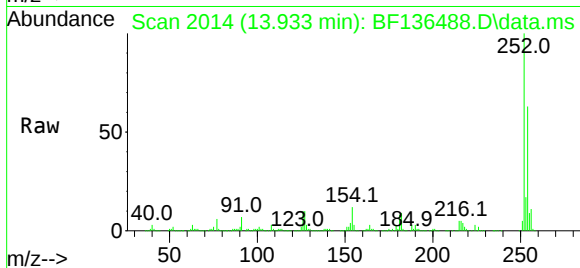
#82
3,3'-Dichlorobenzidine
Concen: 37.150 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

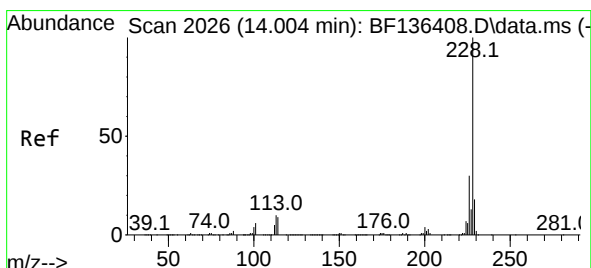
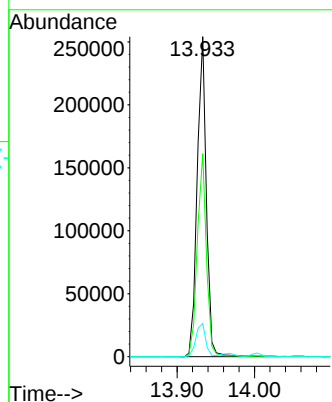
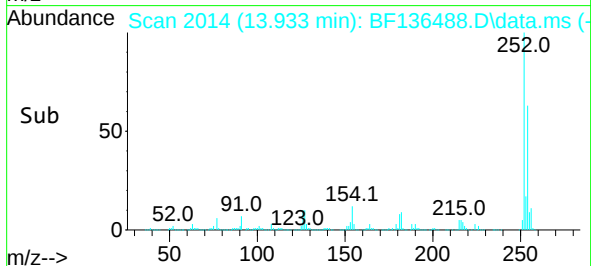


Tgt Ion:252 Resp: 208788
Ion Ratio Lower Upper
252 100
254 63.4 50.8 76.2
126 10.4 8.6 12.8

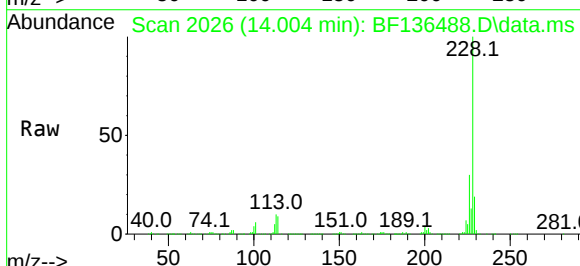
Manual Integrations

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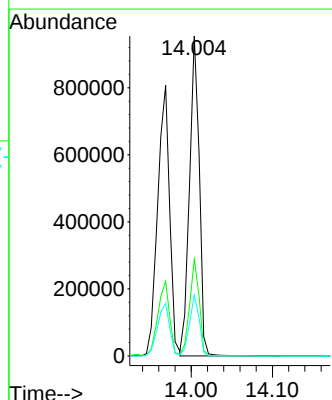
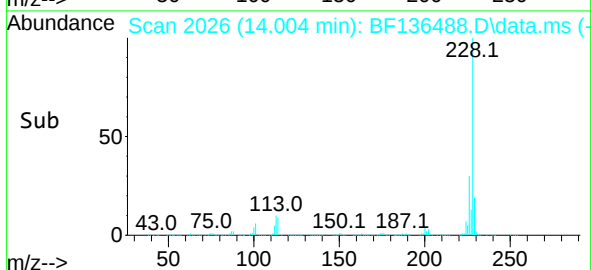
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

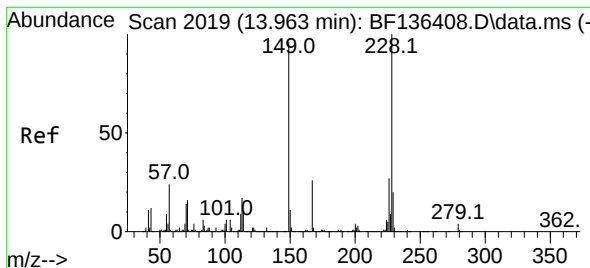


#83
Chrysene
Concen: 40.462 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55



Tgt Ion:228 Resp: 797967
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 19.0 14.8 22.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 40.963 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

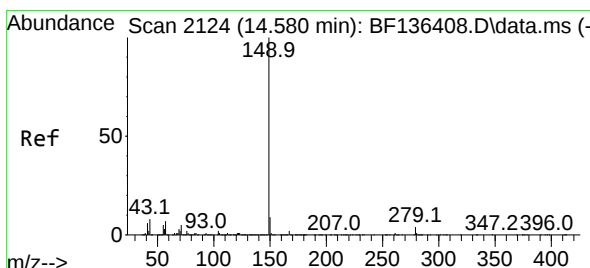
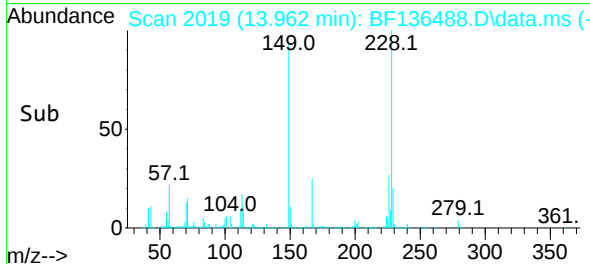
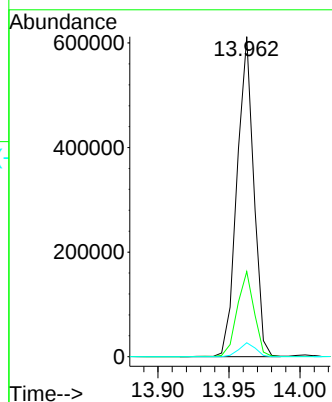
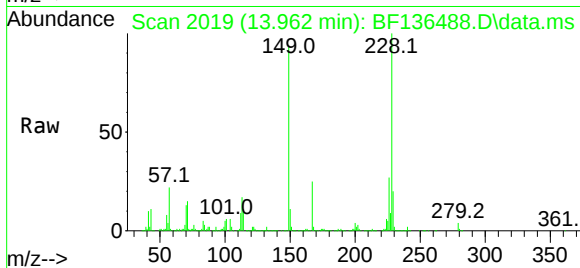
PB157455BS

Tgt Ion:149 Resp: 503799
Ion Ratio Lower Upper
149 100
167 26.6 21.2 31.8
279 4.3 3.1 4.7

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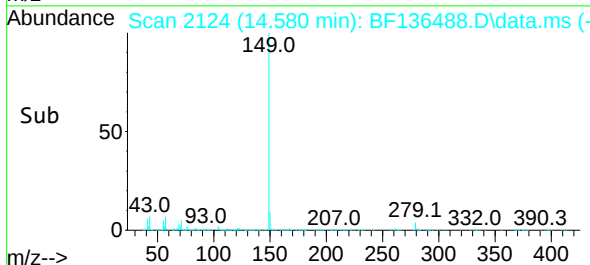
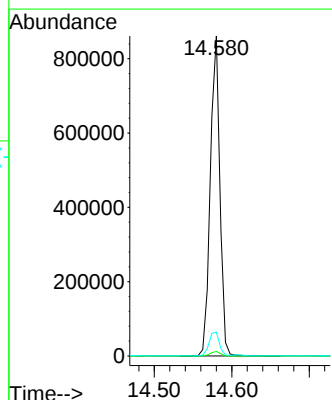
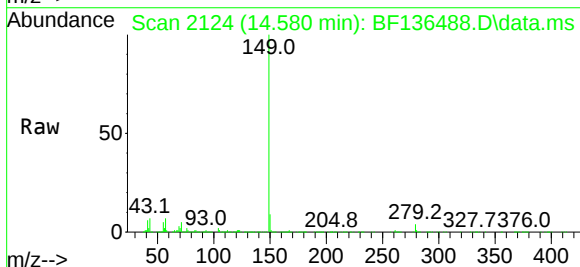
APPROVED

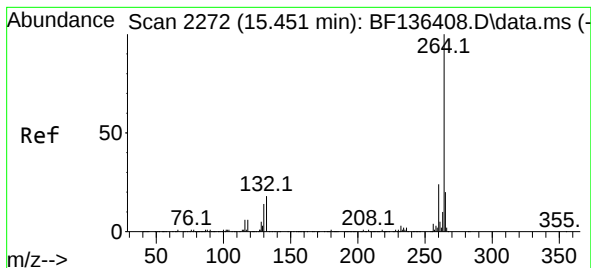
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#85
Di-n-octyl phthalate
Concen: 40.558 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136488.D
Acq: 11 Dec 2023 13:55

Tgt Ion:149 Resp: 736815
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.1 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

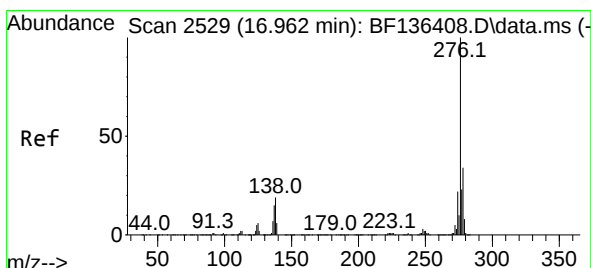
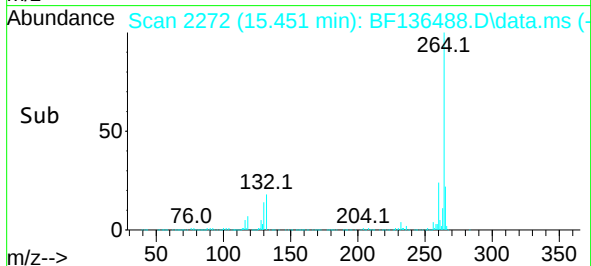
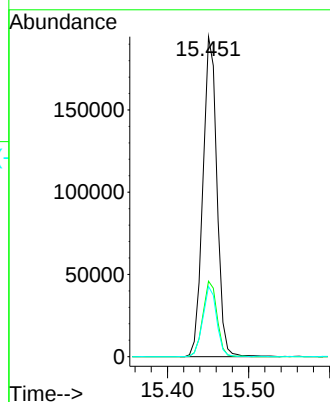
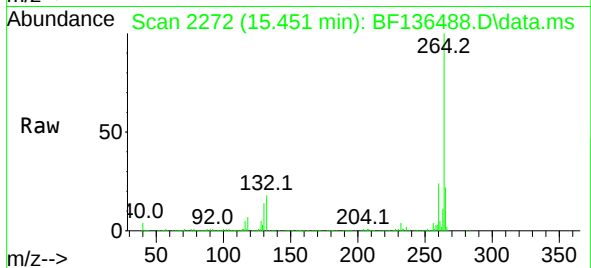
PB157455BS

Tgt Ion:264	Resp:	23354
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.2 28.8
265	22.0	15.9 23.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.594 ng

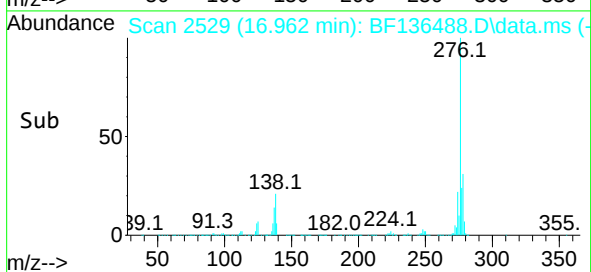
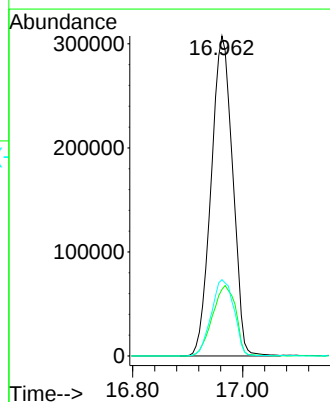
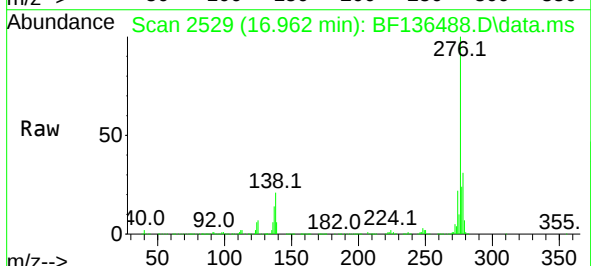
RT: 16.962 min Scan# 2529

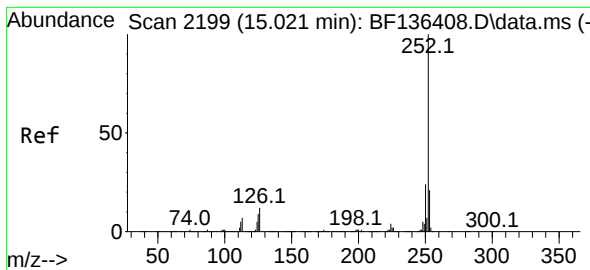
Delta R.T. -0.000 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Tgt Ion:276	Resp:	837090
Ion Ratio	Lower	Upper
276	100	
138	24.0	19.0 28.4
277	25.3	20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 47.096 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

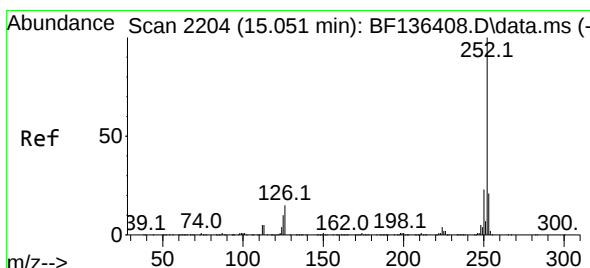
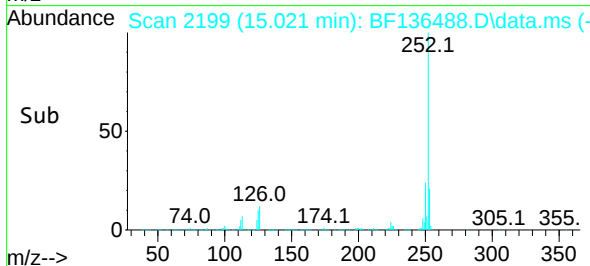
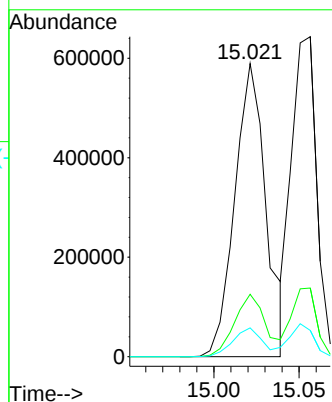
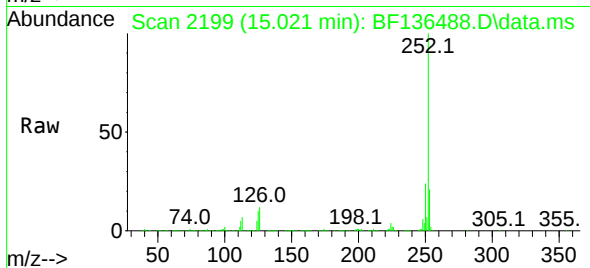
Tgt Ion:252 Resp: 752029
 Ion Ratio Lower Upper
 252 100
 253 21.3 16.9 25.3
 125 9.8 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#89

Benzo(k)fluoranthene

Concen: 44.064 ng

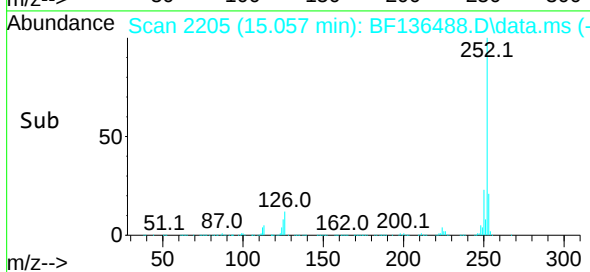
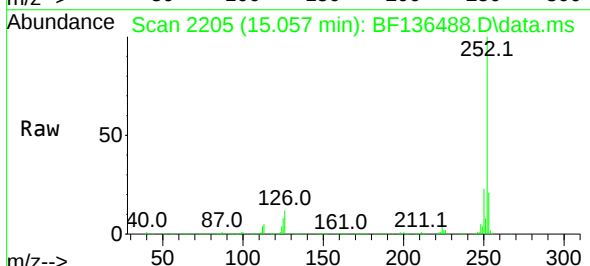
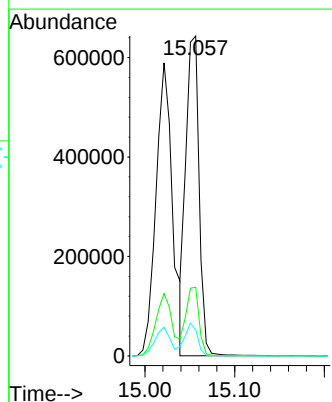
RT: 15.057 min Scan# 2205

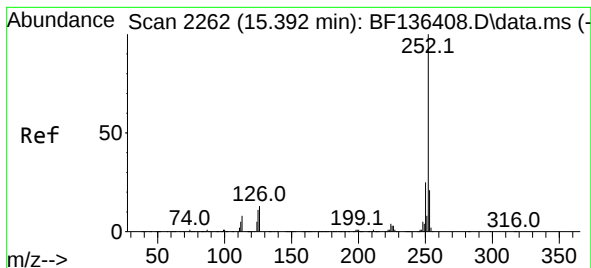
Delta R.T. 0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Tgt Ion:252 Resp: 663089
 Ion Ratio Lower Upper
 252 100
 253 21.5 16.9 25.3
 125 8.2 7.5 11.3





#90

Benzo(a)pyrene

Concen: 47.144 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

Instrument :

BNA_F

ClientSampleId :

PB157455BS

Tgt Ion:252 Resp: 621680

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

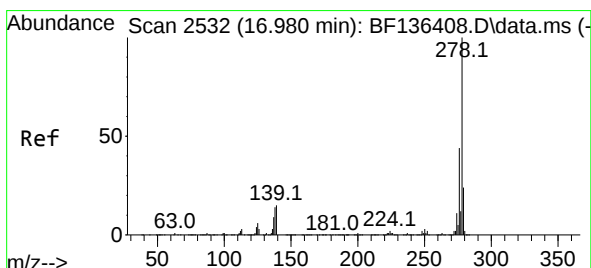
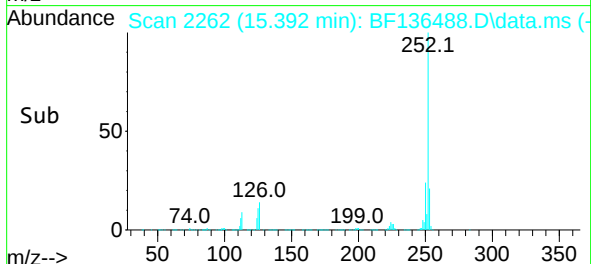
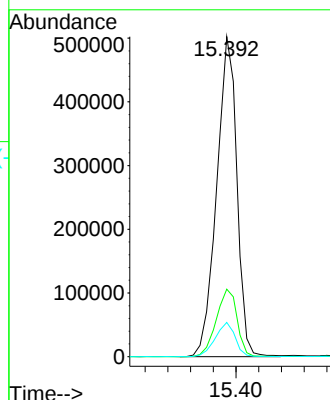
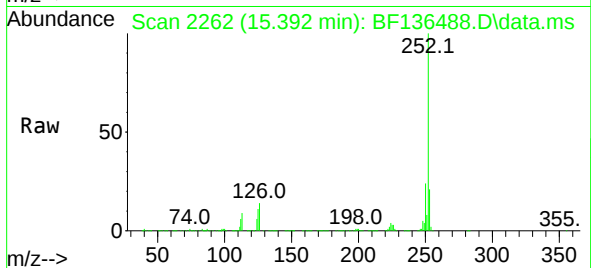
125 10.7 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#91

Dibenzo(a,h)anthracene

Concen: 52.977 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.006 min

Lab File: BF136488.D

Acq: 11 Dec 2023 13:55

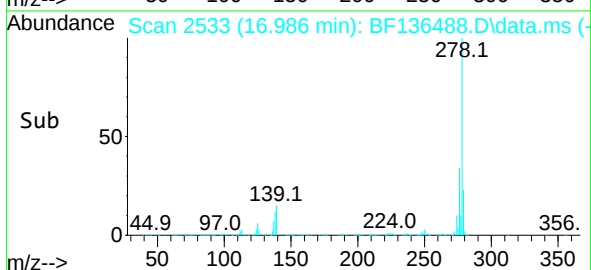
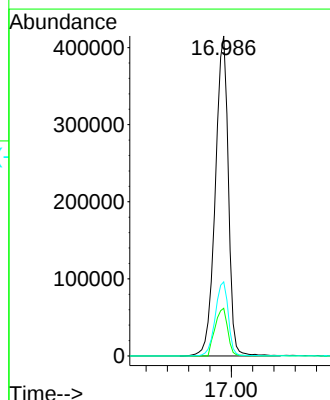
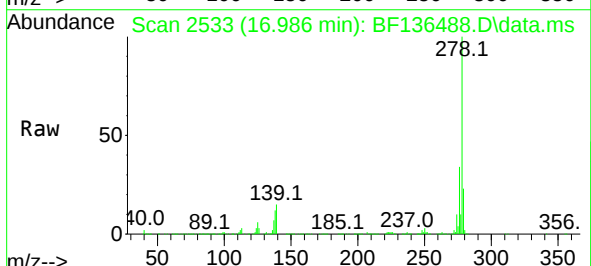
Tgt Ion:278 Resp: 704162

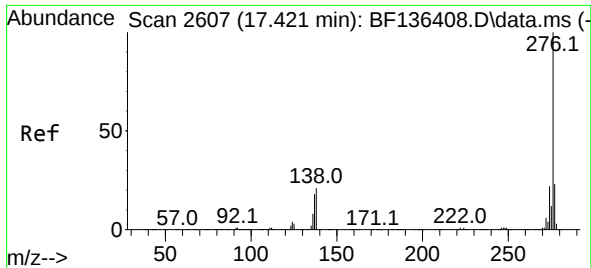
Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

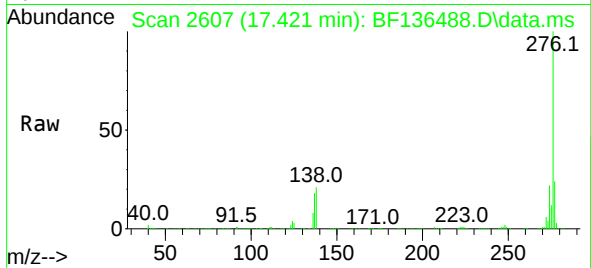
279 23.1 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 52.377 ng
 RT: 17.421 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF136488.D
 Acq: 11 Dec 2023 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB157455BS



Tgt Ion:276 Resp: 71456
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.7 28.1
 138 21.5 16.6 25.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

