

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136422.D
 Acq On : 06 Dec 2023 11:41
 Operator : CG\JU
 Sample : PB157066BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157066BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 12:25:48 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	126453	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	539333	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	287414	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	545726	20.000	ng	0.00
76) Chrysene-d12	13.980	240	318158	20.000	ng	0.00
86) Perylene-d12	15.451	264	245970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1121997	131.036	ng	0.02
7) Phenol-d6	6.451	99	1392627	130.359	ng	0.00
23) Nitrobenzene-d5	7.369	82	844269	84.626	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	465252	131.285	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1739150	82.566	ng	0.00
79) Terphenyl-d14	12.927	244	2082052	86.254	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	135513	40.013	ng	100
3) Pyridine	3.434	79	301184	36.722	ng	97
4) n-Nitrosodimethylamine	3.404	42	163480	45.879	ng	99
6) Aniline	6.469	93	417497	38.670	ng	99
8) 2-Chlorophenol	6.592	128	443282	47.422	ng	98
9) Benzaldehyde	6.357	77	127702	20.999	ng	95
10) Phenol	6.463	94	521573	45.882	ng	87
11) bis(2-Chloroethyl)ether	6.545	93	396443	46.787	ng	98
12) 1,3-Dichlorobenzene	6.745	146	451096	42.911	ng	98
13) 1,4-Dichlorobenzene	6.822	146	462616	43.381	ng	99
14) 1,2-Dichlorobenzene	6.969	146	441856	44.063	ng	99
15) Benzyl Alcohol	6.951	79	324683	45.387	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	497406	45.642	ng	98
17) 2-Methylphenol	7.063	107	360394	47.722	ng	96
18) Hexachloroethane	7.310	117	162222	43.571	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	284032	46.090	ng	98
20) 3+4-Methylphenols	7.216	107	424984	45.338	ng	97
22) Acetophenone	7.216	105	599158	44.988	ng	97
24) Nitrobenzene	7.386	77	424054	42.253	ng	99
25) Isophorone	7.622	82	797799	44.511	ng	99
26) 2-Nitrophenol	7.698	139	231200	46.859	ng	99
27) 2,4-Dimethylphenol	7.739	122	379429	62.367	ng	97
28) bis(2-Chloroethoxy)met...	7.833	93	486761	44.195	ng	100
29) 2,4-Dichlorophenol	7.939	162	363382	45.251	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	399036	42.615	ng	99
31) Naphthalene	8.104	128	1287826	43.300	ng	100
32) Benzoic acid	7.881	122	286955	47.547	ng	98
33) 4-Chloroaniline	8.151	127	380815	35.915	ng	99
34) Hexachlorobutadiene	8.216	225	226489	40.813	ng	99
35) Caprolactam	8.533	113	118722m	48.008	ng	
36) 4-Chloro-3-methylphenol	8.645	107	389967	45.736	ng	97
37) 2-Methylnaphthalene	8.792	142	822539	43.471	ng	97
38) 1-Methylnaphthalene	8.892	142	771114	41.531	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	391266	43.757	ng	98
41) Hexachlorocyclopentadiene	8.945	237	430435	129.934	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	257254	44.184	ng	99

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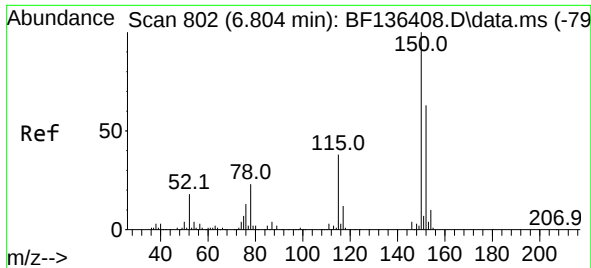
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	290009	44.629	ng	98
46) 1,1'-Biphenyl	9.263	154	1063390	43.482	ng	99
47) 2-Chloronaphthalene	9.286	162	811415	42.628	ng	100
48) 2-Nitroaniline	9.386	65	232902	45.621	ng	93
49) Acenaphthylene	9.704	152	1216603	44.868	ng	99
50) Dimethylphthalate	9.569	163	940961	44.468	ng	99
51) 2,6-Dinitrotoluene	9.627	165	206603	43.399	ng	93
52) Acenaphthene	9.875	154	755687	43.491	ng	99
53) 3-Nitroaniline	9.798	138	187368	38.543	ng	98
54) 2,4-Dinitrophenol	9.910	184	242793	100.874	ng	92
55) Dibenzofuran	10.045	168	1108362	43.664	ng	99
56) 4-Nitrophenol	9.969	139	333232	91.441	ng	99
57) 2,4-Dinitrotoluene	10.033	165	281804	44.748	ng	94
58) Fluorene	10.392	166	875447	42.964	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	249126	47.861	ng	99
60) Diethylphthalate	10.269	149	917670	44.102	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	430165	43.305	ng	99
62) 4-Nitroaniline	10.422	138	214055	44.345	ng	96
63) Azobenzene	10.545	77	822923	43.451	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	166010	49.119	ng	95
66) n-Nitrosodiphenylamine	10.504	169	788732	45.041	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	276079	43.512	ng	96
68) Hexachlorobenzene	10.939	284	317253	43.262	ng	# 89
69) Atrazine	11.033	200	184075	36.830	ng	99
70) Pentachlorophenol	11.133	266	346875	83.811	ng	99
71) Phenanthrene	11.357	178	1358605	45.294	ng	99
72) Anthracene	11.410	178	1369008	45.313	ng	100
73) Carbazole	11.563	167	1181980	44.203	ng	100
74) Di-n-butylphthalate	11.898	149	1471637	44.893	ng	100
75) Fluoranthene	12.545	202	1381072	43.936	ng	98
77) Benzidine	12.668	184	222691	34.071	ng	98
78) Pyrene	12.774	202	1392879	44.702	ng	99
80) Butylbenzylphthalate	13.404	149	531841	47.948	ng	96
81) Benzo(a)anthracene	13.968	228	995719	44.930	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	325260	52.346	ng	100
83) Chrysene	14.010	228	960875	44.069	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	676405	49.743	ng	100
85) Di-n-octyl phthalate	14.580	149	1048609	52.207	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	863523	50.534	ng	100
88) Benzo(b)fluoranthene	15.021	252	835574	49.685	ng	99
89) Benzo(k)fluoranthene	15.057	252	745706	47.050	ng	99
90) Benzo(a)pyrene	15.392	252	671944	48.381	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	723005	51.646	ng	99
92) Benzo(g,h,i)perylene	17.421	276	719903	50.102	ng	100

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



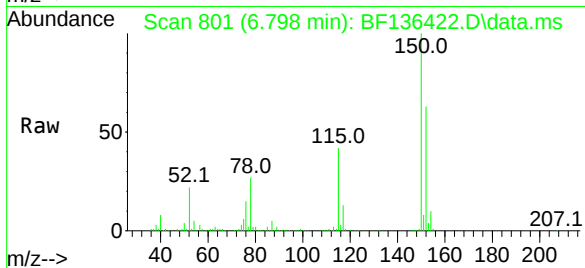
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136422.D
 Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

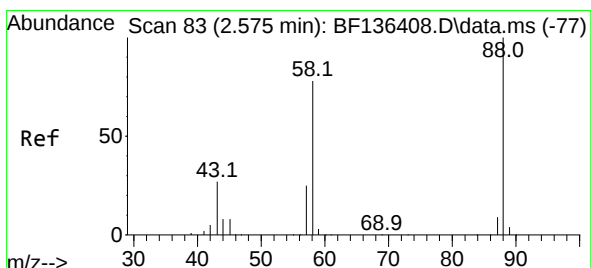
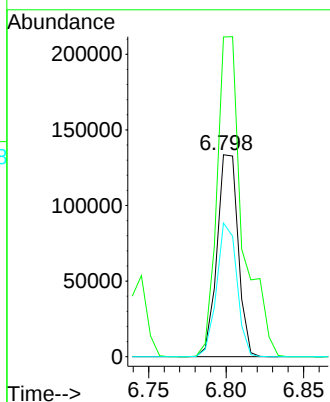
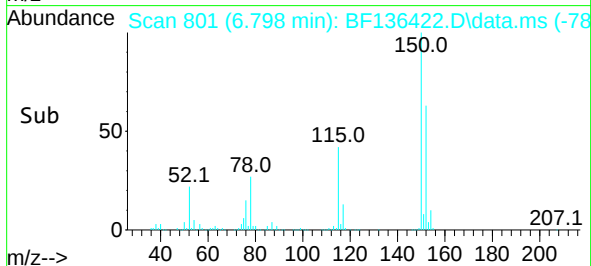


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 Ion Ratio Lower Upper
 152 100
 150 158.4 126.4 189.6
 115 66.2 48.2 72.4

Manual Integrations

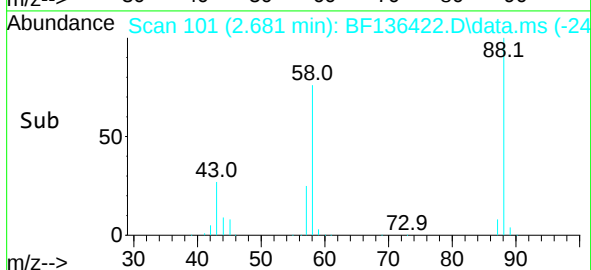
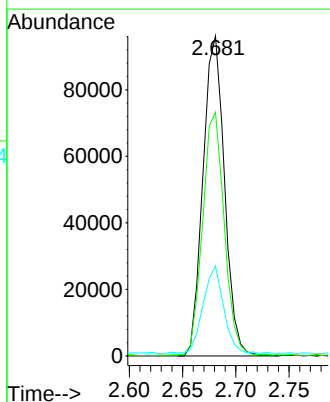
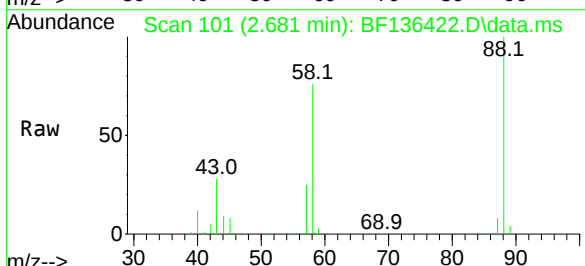
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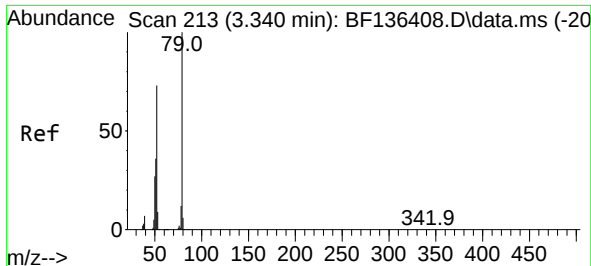
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#2
 1,4-Dioxane
 Concen: 40.013 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.106 min
 Lab File: BF136422.D
 Acq: 06 Dec 2023 11:41

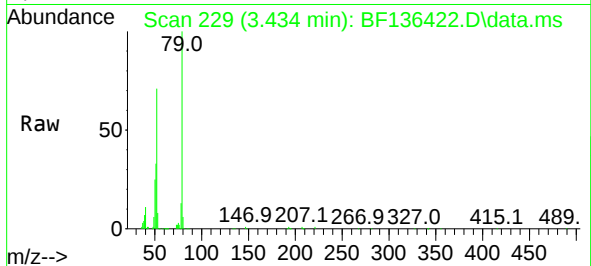
Tgt Ion: 88 Resp: 135513
 Ion Ratio Lower Upper
 88 100
 58 77.8 62.2 93.2
 43 26.3 21.5 32.3





#3
Pyridine
Concen: 36.722 ng
RT: 3.434 min Scan# 213
Delta R.T. 0.094 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

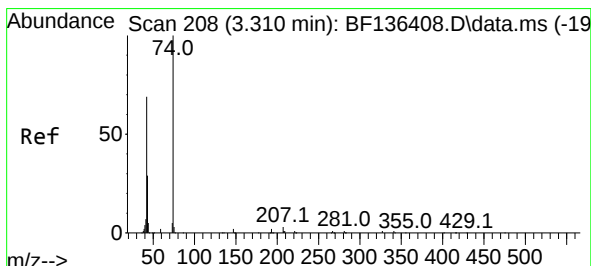
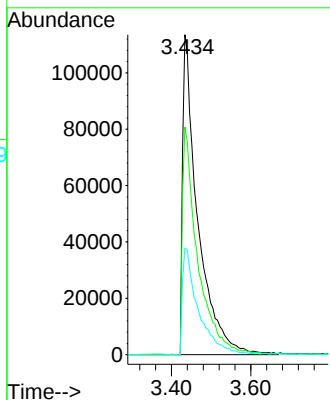
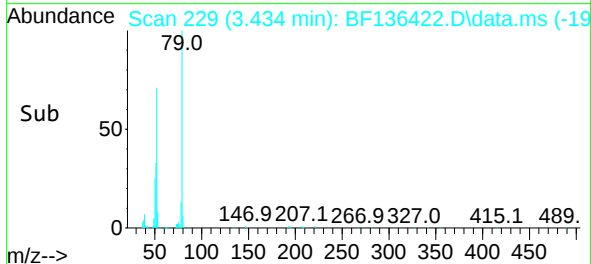
Instrument :
BNA_F
ClientSampleId :
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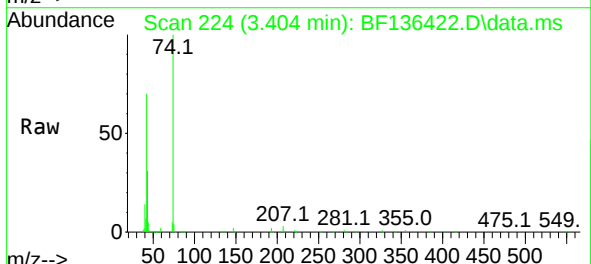
Tgt Ion: 79 Resp: 301184
Ion Ratio Lower Upper
79 100
52 71.2 58.2 87.2
51 33.2 29.1 43.7

Manual Integrations
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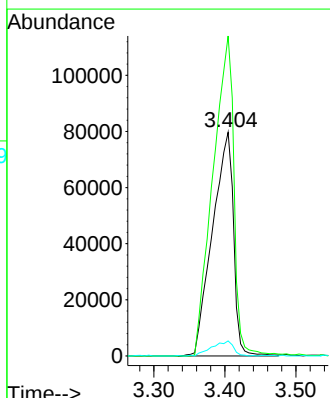
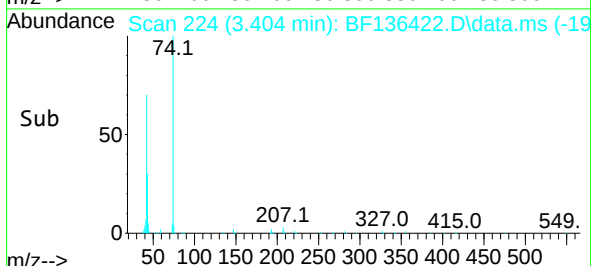
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

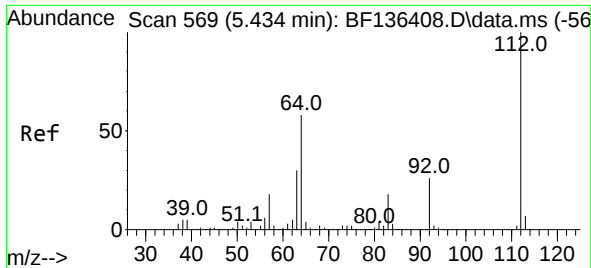


#4
n-Nitrosodimethylamine
Concen: 45.879 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.094 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



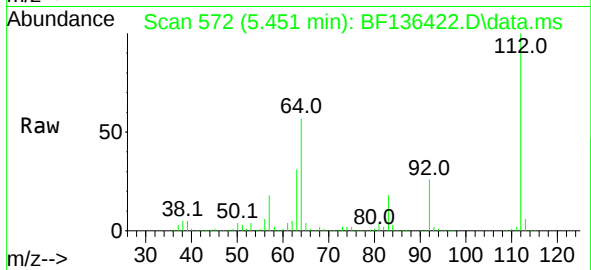
Tgt Ion: 42 Resp: 163480
Ion Ratio Lower Upper
42 100
74 143.1 115.4 173.0
44 6.7 6.2 9.2





#5
2-Fluorophenol
Concen: 131.036 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

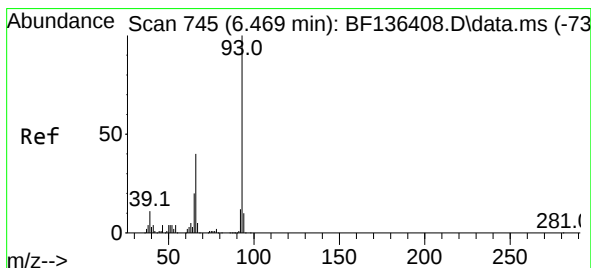
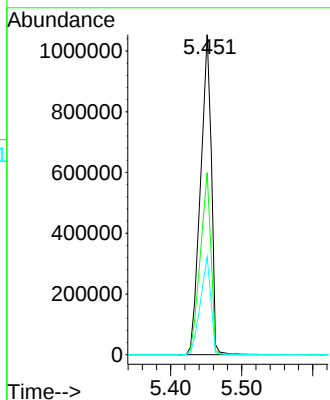
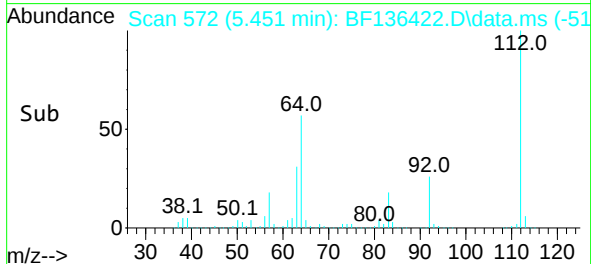
Instrument :
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Tgt Ion: 112 Resp: 112199
Ion Ratio Lower Upper
112 100
64 56.9 46.5 69.7
63 30.5 23.9 35.9

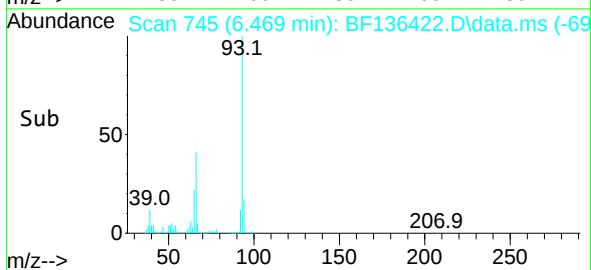
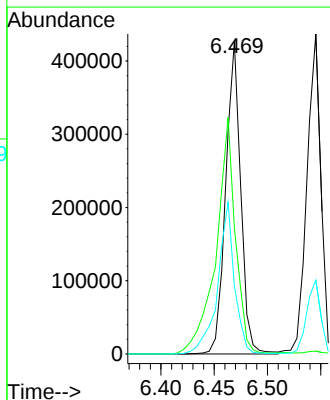
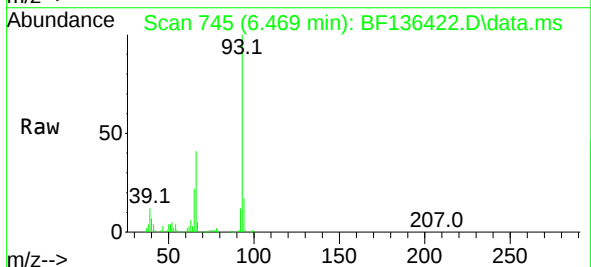
Manual Integrations
APPROVED

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#6
Aniline
Concen: 38.670 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

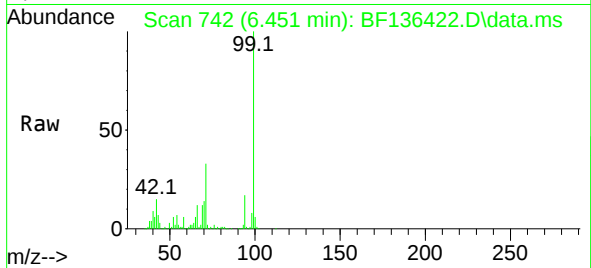
Tgt Ion: 93 Resp: 417497
Ion Ratio Lower Upper
93 100
66 40.5 32.5 48.7
65 21.9 16.4 24.6





#7
Phenol-d6
Concen: 130.359 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

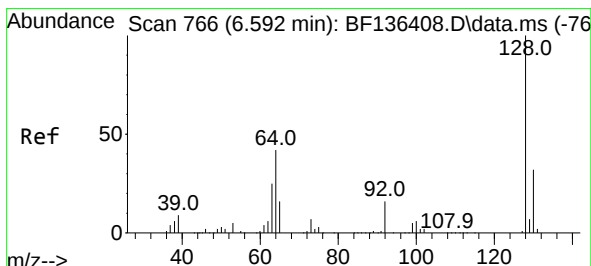
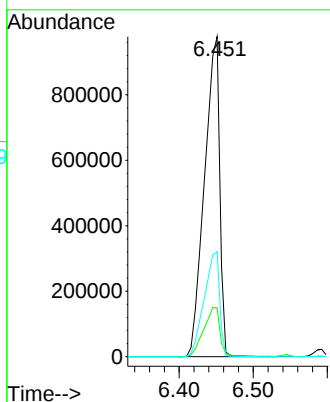
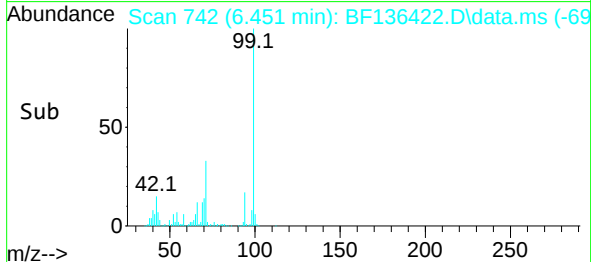
Instrument :
BNA_F
ClientSampleId :
PB157066BS



Tgt Ion: 99 Resp: 139262
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.8 27.0 40.4

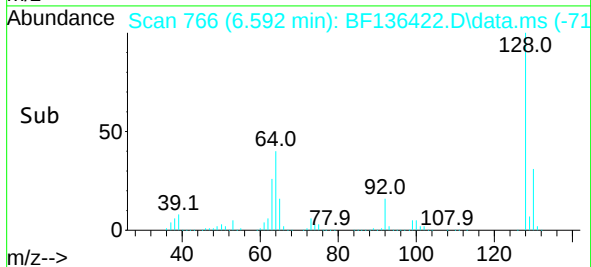
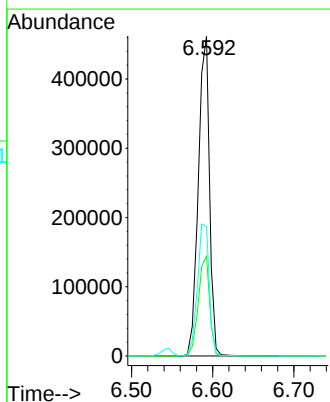
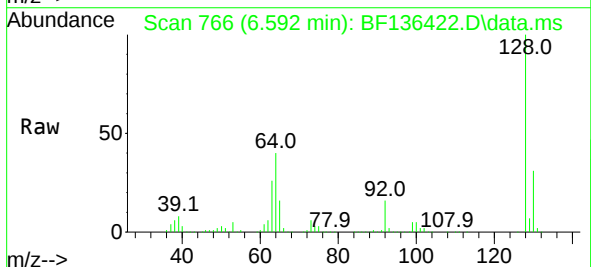
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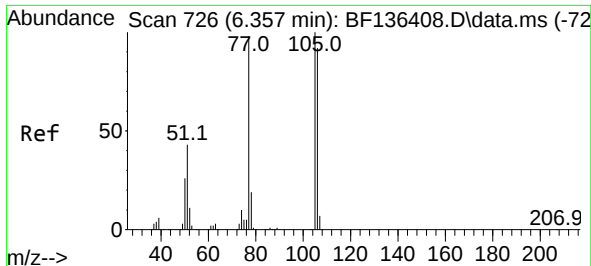
Reviewed By :Yogesh Patel 12/07/2023
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#8
2-Chlorophenol
Concen: 47.422 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

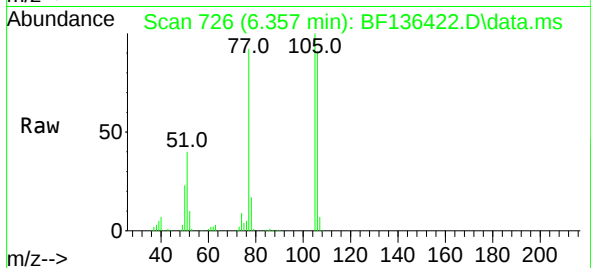
Tgt Ion:128 Resp: 443282
Ion Ratio Lower Upper
128 100
130 31.2 11.7 51.7
64 40.4 22.5 62.5





#9
Benzaldehyde
Concen: 20.999 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

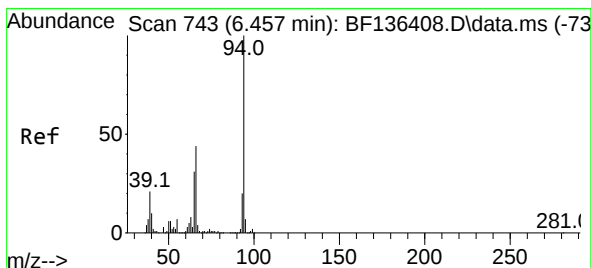
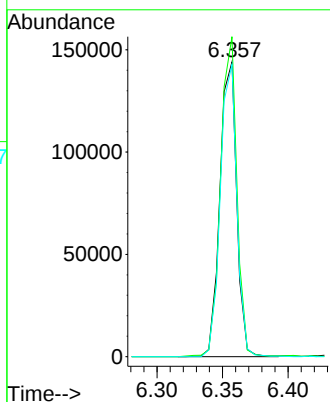
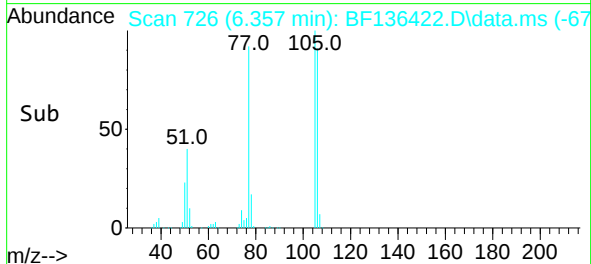
Instrument :
BNA_F
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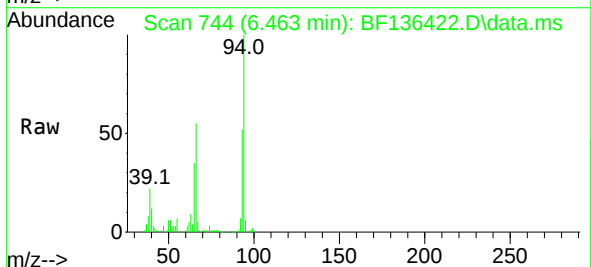
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Ion Ratio Lower Upper
77 100
105 108.6 82.5 122.5
106 99.2 74.5 114.5

Manual Integrations
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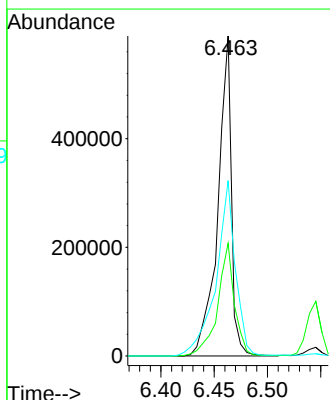
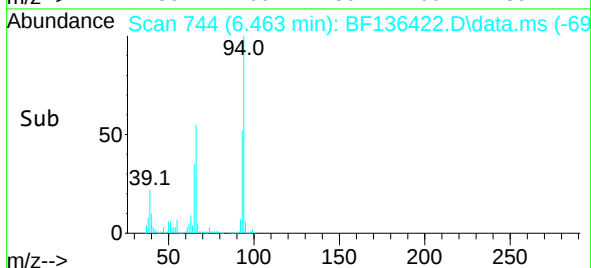
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#10
Phenol
Concen: 45.882 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion: 94 Resp: 521573
Ion Ratio Lower Upper
94 100
65 35.2 11.2 51.2
66 54.8 24.2 64.2





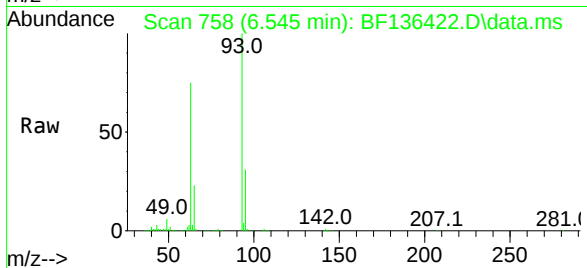
#11
bis(2-Chloroethyl)ether
Concen: 46.787 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

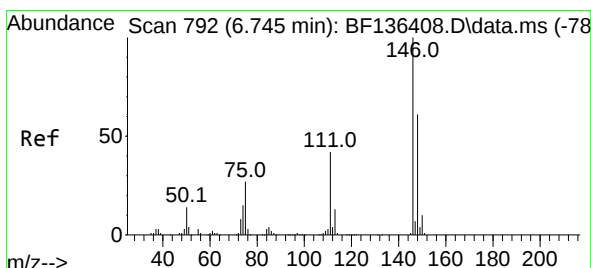
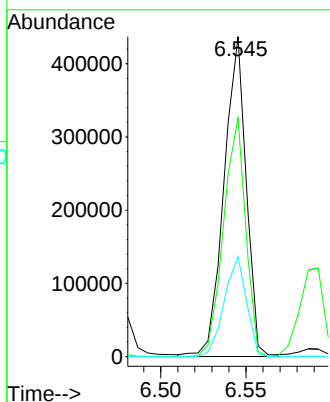
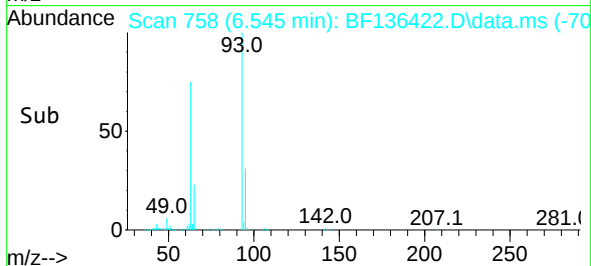
PB157066BS



Tgt Ion: 93 Resp: 39644
Ion Ratio Lower Upper
93 100
63 74.6 56.8 96.8
95 31.3 11.8 51.8

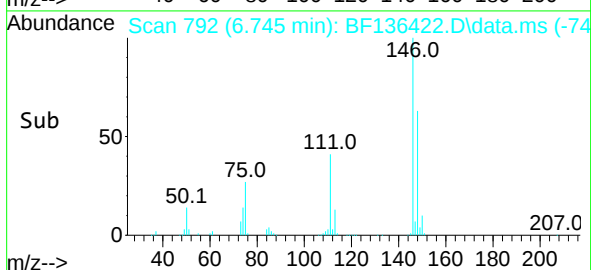
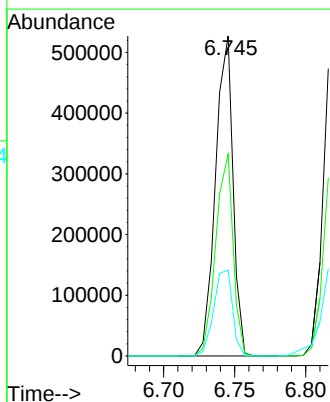
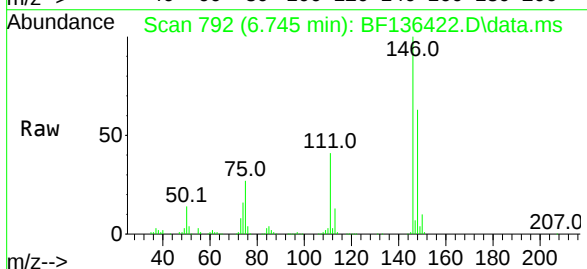
Manual Integrations
APPROVED

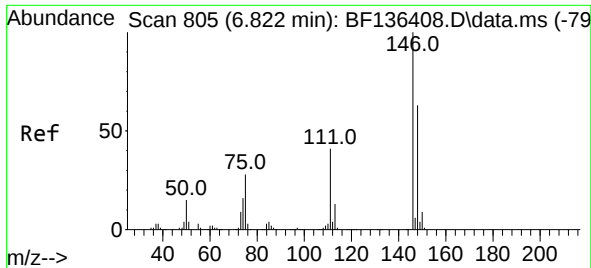
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#12
1,3-Dichlorobenzene
Concen: 42.911 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:146 Resp: 451096
Ion Ratio Lower Upper
146 100
148 63.1 49.0 73.6
75 26.9 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 43.381 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

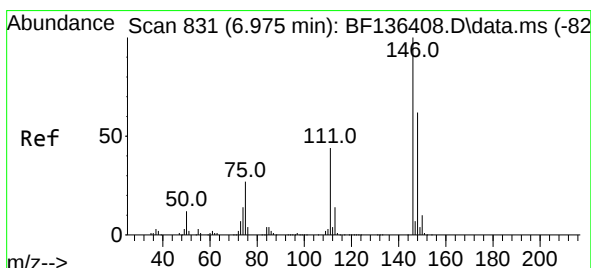
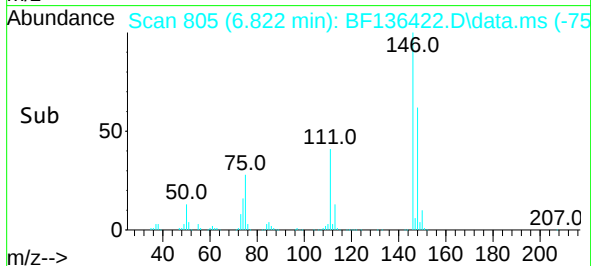
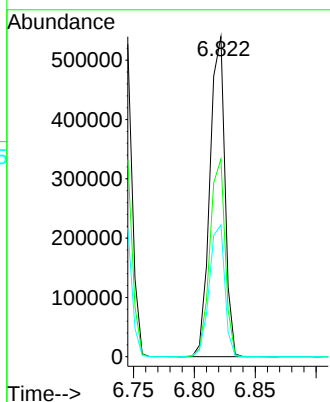
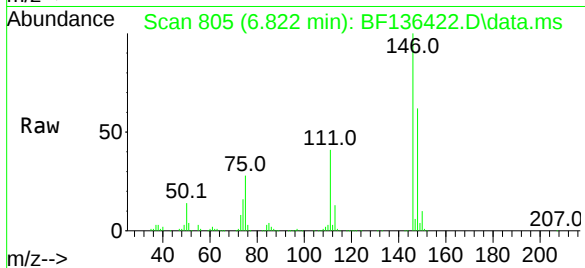
PB157066BS

Tgt Ion:146 Resp: 462610
Ion Ratio Lower Upper
146 100
148 61.7 50.3 75.5
111 41.2 32.6 49.0

Manual Integrations

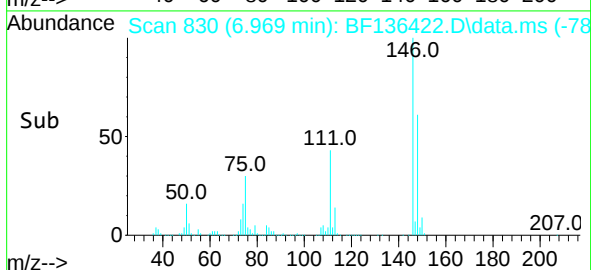
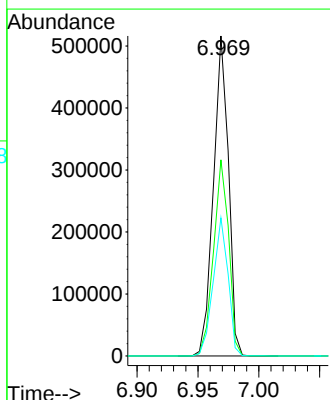
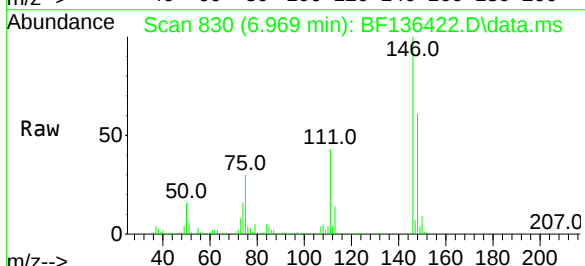
APPROVED

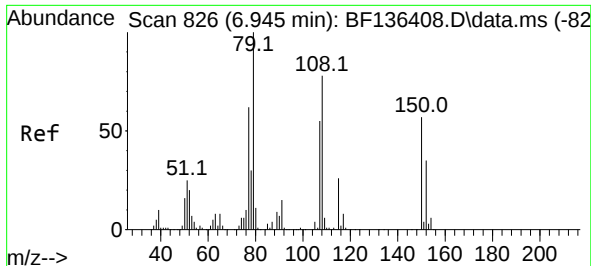
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#14
1,2-Dichlorobenzene
Concen: 44.063 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

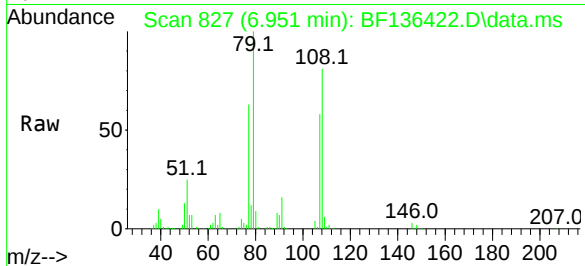
Tgt Ion:146 Resp: 441856
Ion Ratio Lower Upper
146 100
148 61.3 49.8 74.6
111 43.2 34.9 52.3





#15
Benzyl Alcohol
Concen: 45.387 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

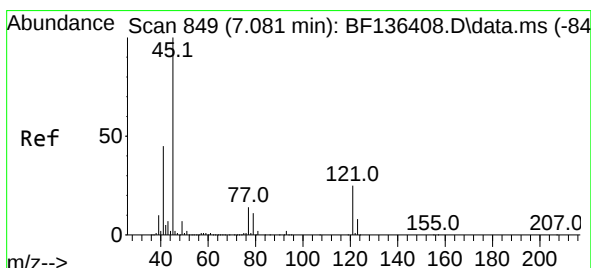
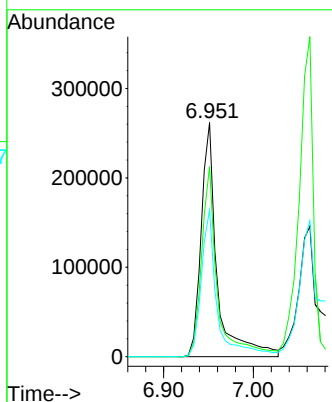
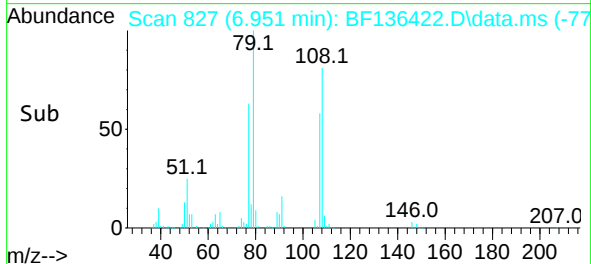
Instrument :
BNA_F
ClientSampleId :
PB157066BS



Tgt Ion: 79 Resp: 32468
Ion Ratio Lower Upper
79 100
108 81.2 62.3 93.5
77 62.6 49.8 74.8

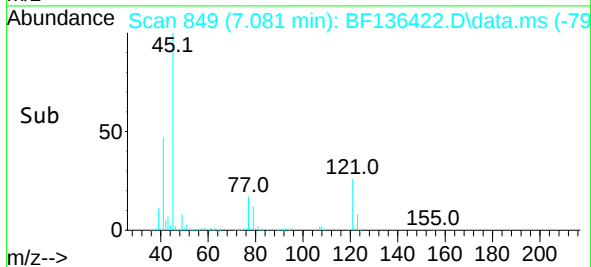
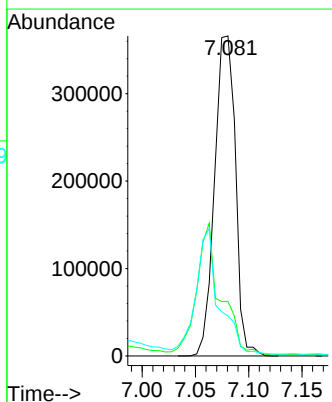
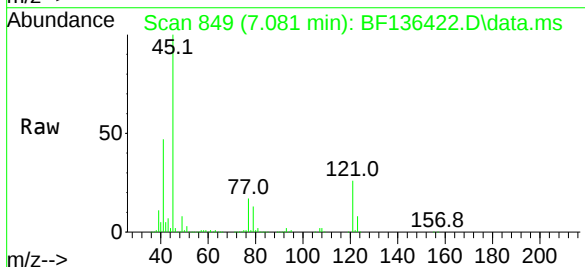
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.642 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion: 45 Resp: 497406
Ion Ratio Lower Upper
45 100
77 17.0 0.0 35.3
79 12.5 0.0 32.5





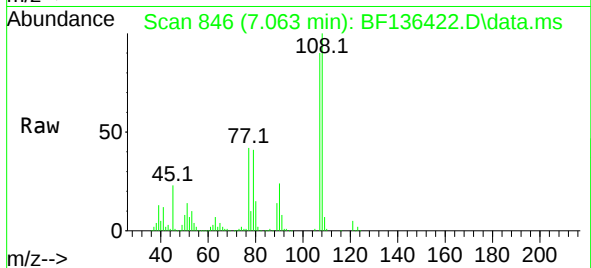
#17
2-Methylphenol
Concen: 47.722 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

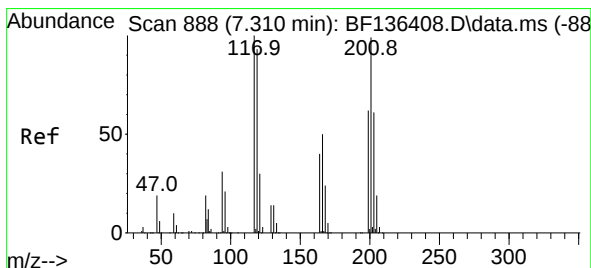
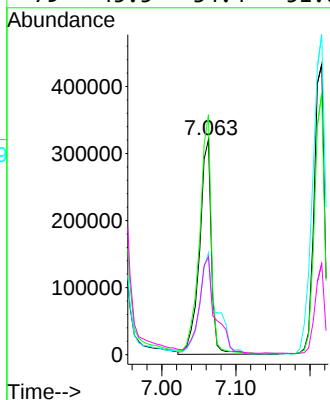
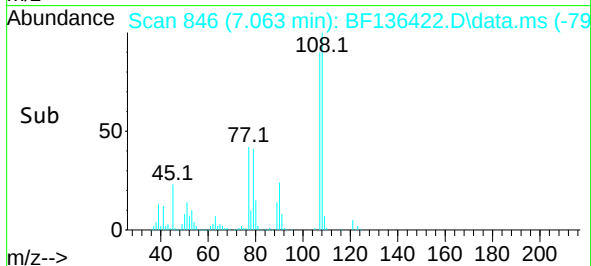


Tgt Ion:107 Resp: 360394
Ion Ratio Lower Upper
107 100
108 111.6 86.5 129.7
77 47.3 33.8 50.8
79 45.5 34.4 51.6

Manual Integrations

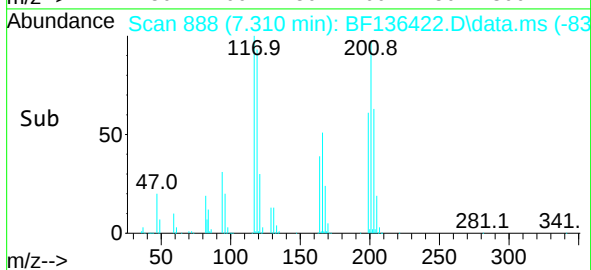
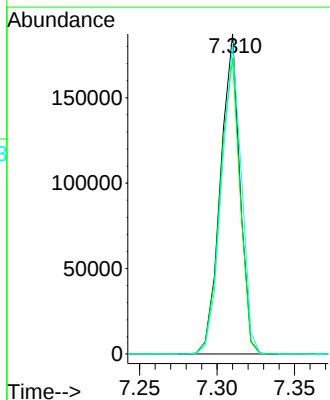
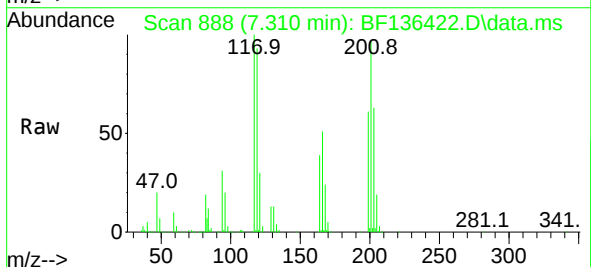
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 43.571 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

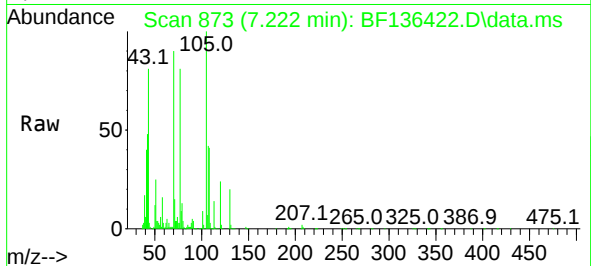
Tgt Ion:117 Resp: 162222
Ion Ratio Lower Upper
117 100
119 92.5 74.3 111.5
201 97.1 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 46.090 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

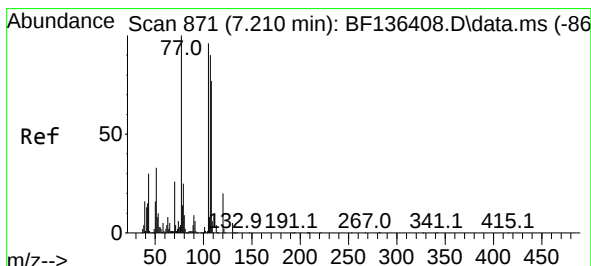
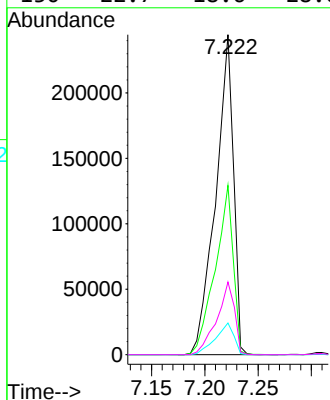
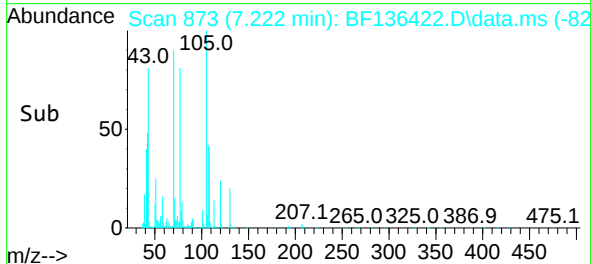
Instrument :
BNA_F
ClientSampleId :
PB157066BS



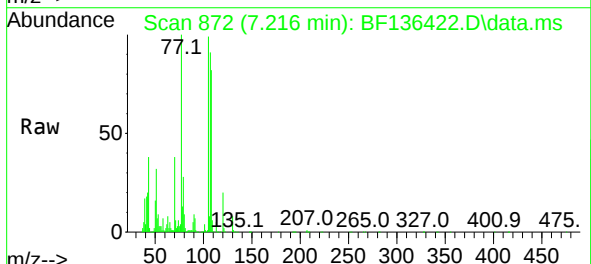
Tgt Ion: 70 Resp: 28403
Ion Ratio Lower Upper
70 100
42 52.9 41.4 62.0
101 9.9 8.2 12.4
130 22.7 18.6 28.0

Manual Integrations
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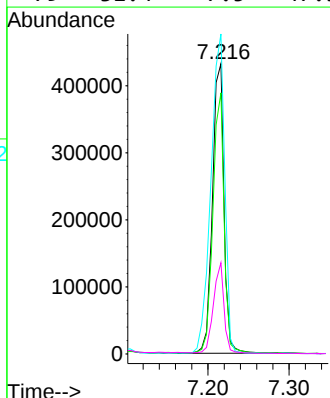
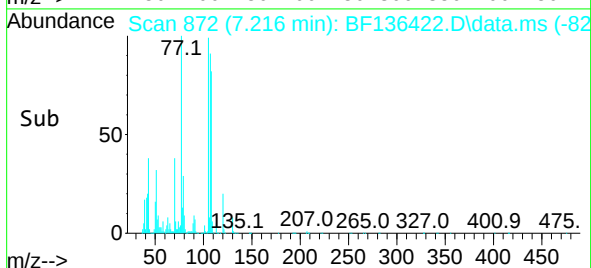
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

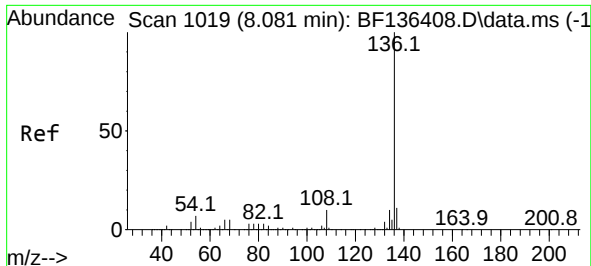


#20
3+4-Methylphenols
Concen: 45.338 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:107 Resp: 424984
Ion Ratio Lower Upper
107 100
108 90.0 65.9 105.9
77 110.3 91.7 131.7
79 31.4 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

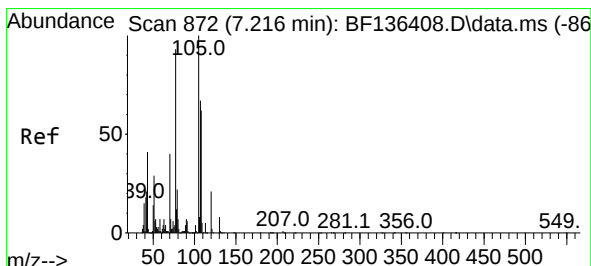
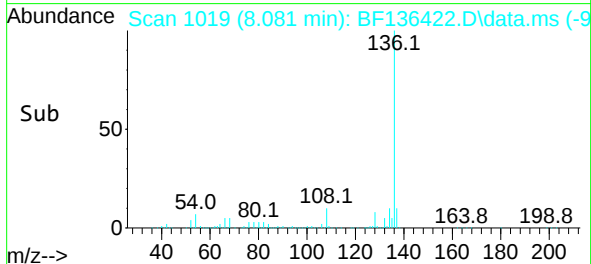
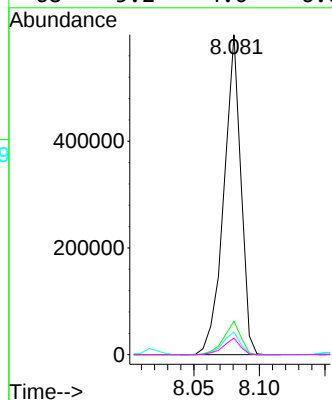
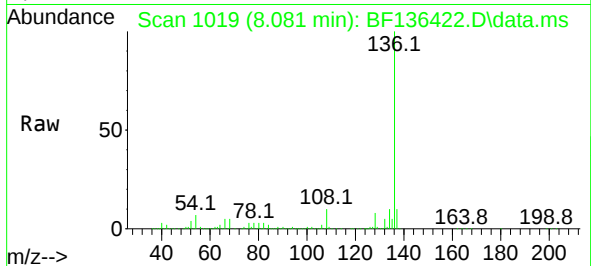
ClientSampleId :

PB157066BS

Tgt Ion:136 Resp: 53933
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.1 5.7 8.5
68 5.2 4.0 6.0

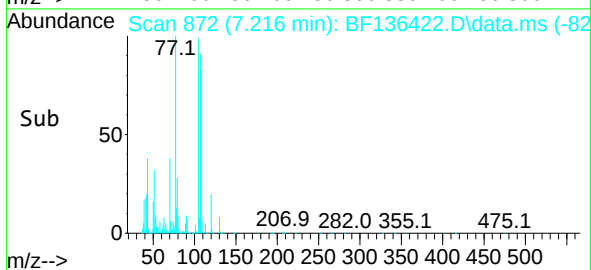
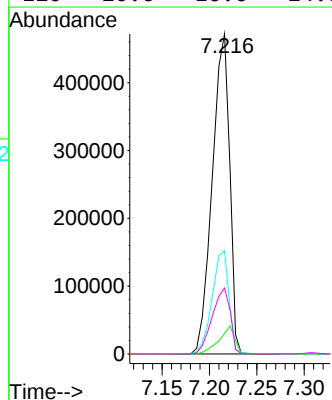
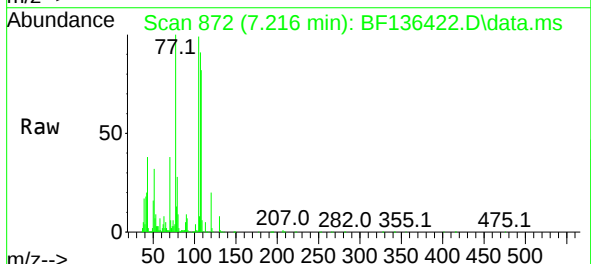
Manual Integrations
APPROVED

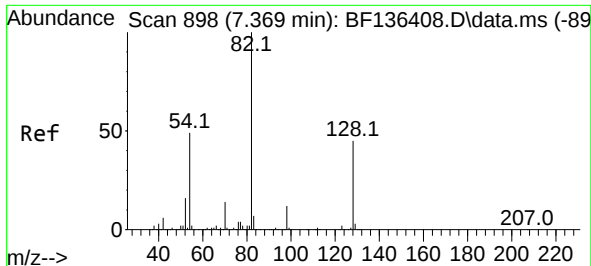
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#22
Acetophenone
Concen: 44.988 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

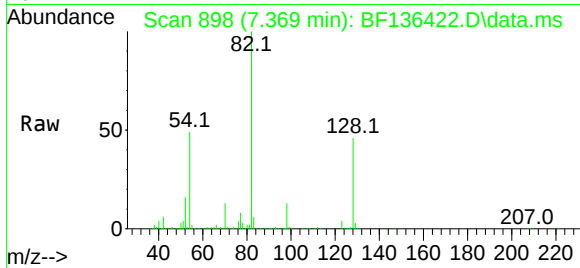
Tgt Ion:105 Resp: 599158
Ion Ratio Lower Upper
105 100
71 6.4 5.4 8.0
51 32.3 23.4 35.2
120 20.6 16.6 24.8





#23
Nitrobenzene-d5
Concen: 84.626 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

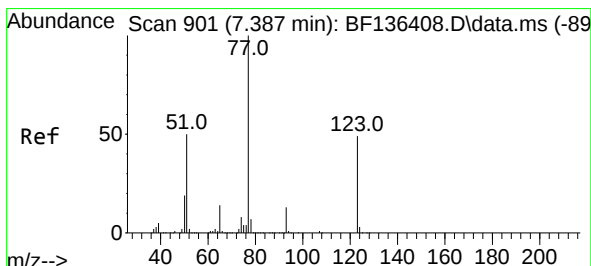
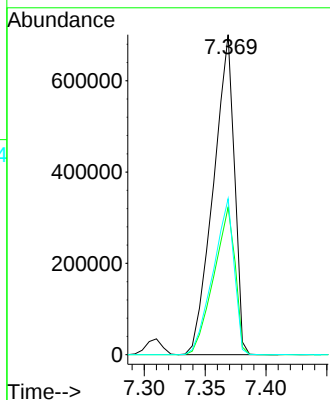
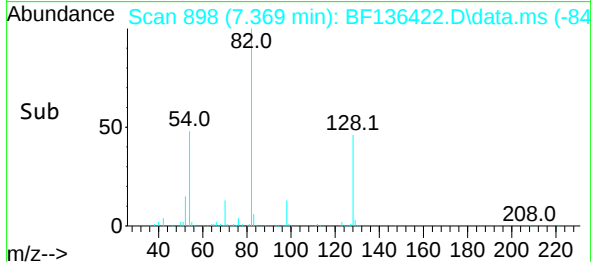
Instrument :
BNA_F
ClientSampleId :
PB157066BS



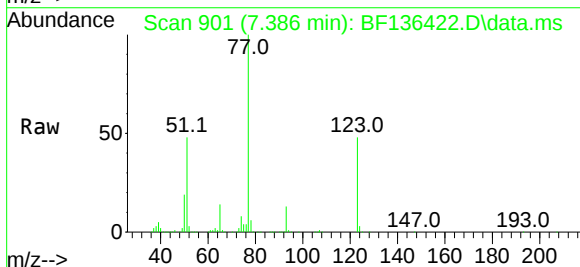
Tgt Ion: 82 Resp: 844269
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 48.8 39.0 58.6

Manual Integrations
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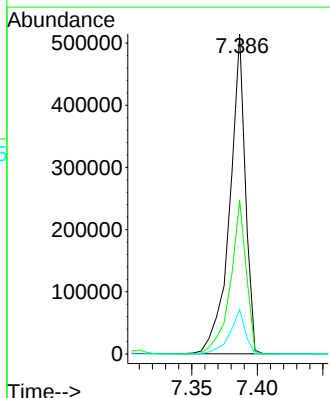
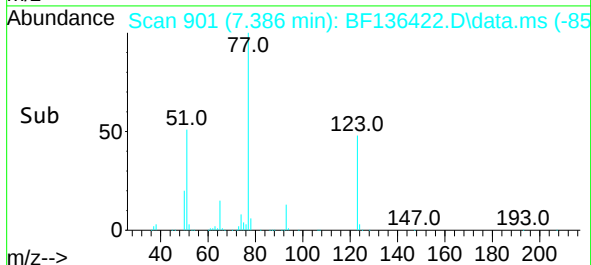
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

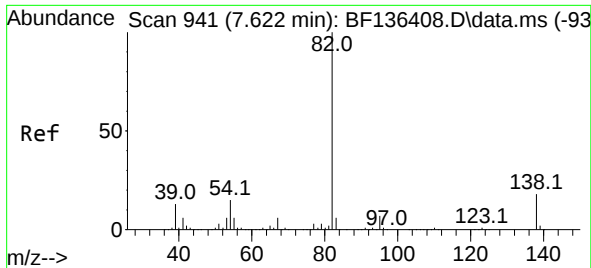


#24
Nitrobenzene
Concen: 42.253 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



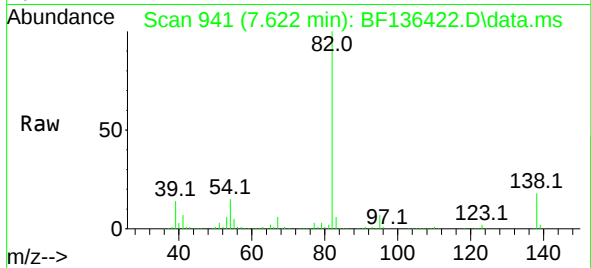
Tgt Ion: 77 Resp: 424054
Ion Ratio Lower Upper
77 100
123 48.0 39.0 58.6
65 13.9 11.3 16.9





#25
Isophorone
Concen: 44.511 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

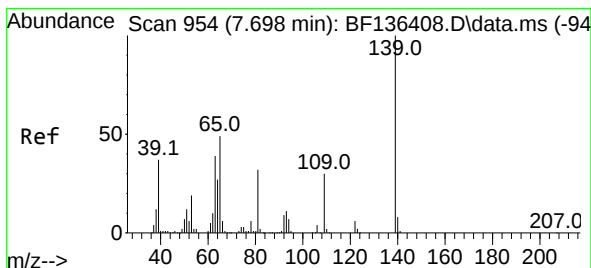
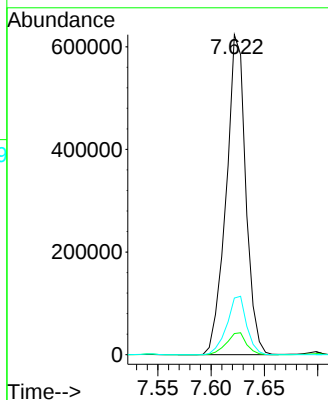
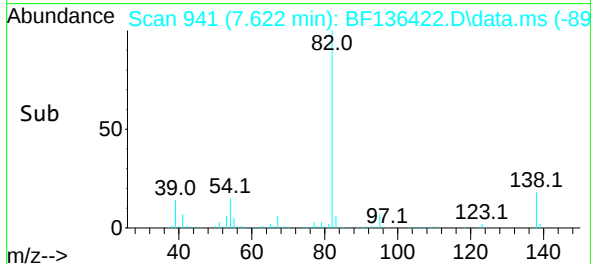
Instrument :
BNA_F
ClientSampleId :
PB157066BS



Tgt Ion: 82 Resp: 797795
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 17.7 14.5 21.7

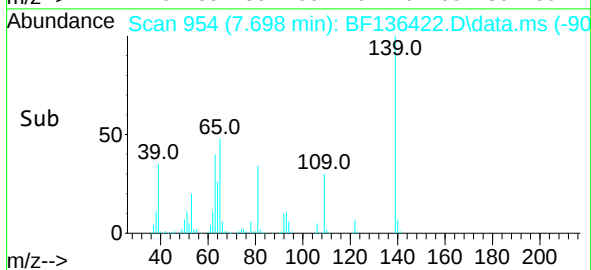
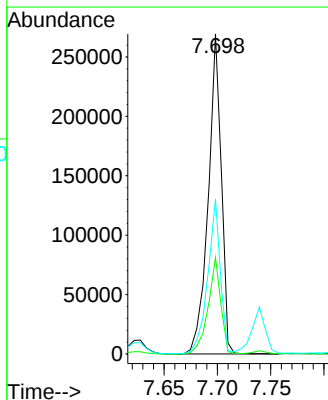
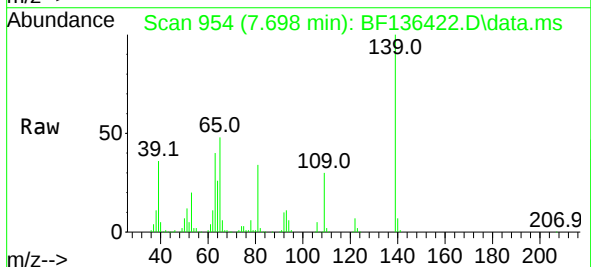
Manual Integrations
APPROVED

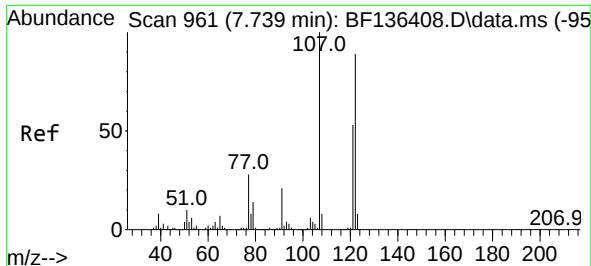
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 46.859 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:139 Resp: 231200
Ion Ratio Lower Upper
139 100
109 30.2 23.6 35.4
65 48.4 39.4 59.2





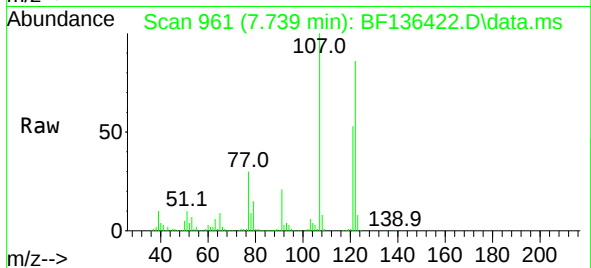
#27
2,4-Dimethylphenol
Concen: 62.367 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

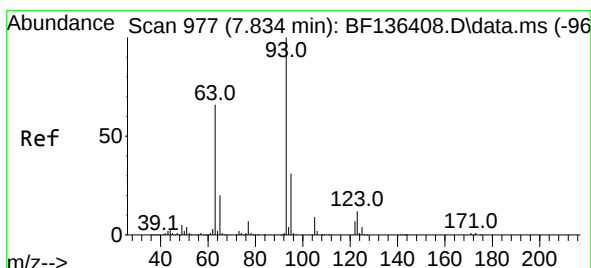
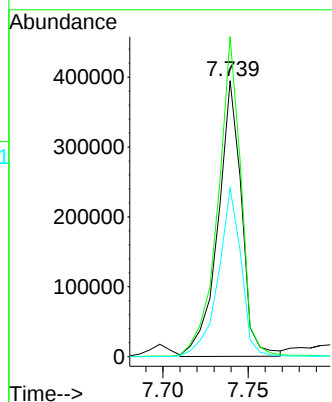
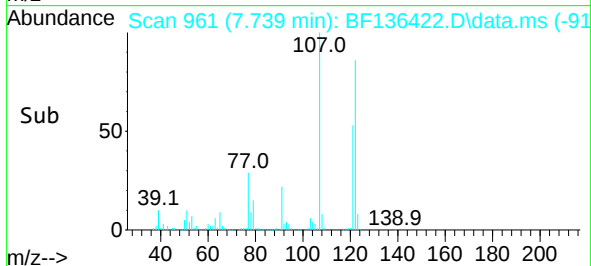


Tgt Ion:122 Resp: 379429
Ion Ratio Lower Upper
122 100
107 115.9 89.3 133.9
121 61.1 47.6 71.4

Manual Integrations

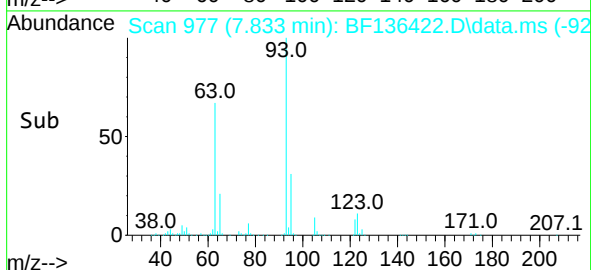
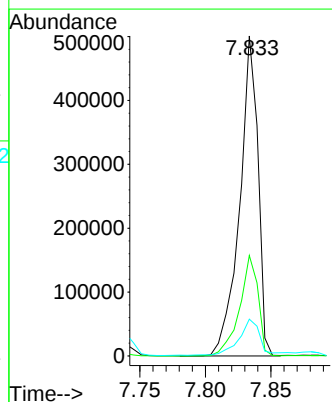
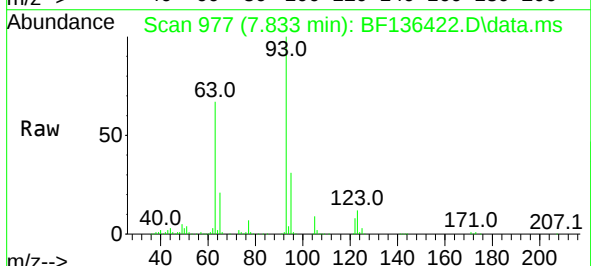
APPROVED

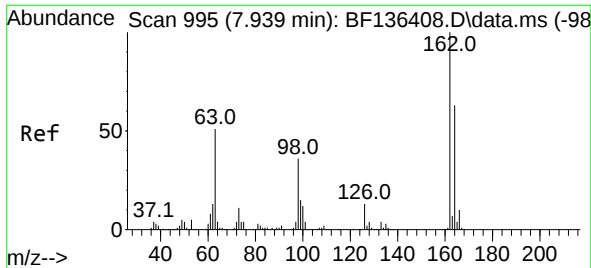
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.195 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion: 93 Resp: 486761
Ion Ratio Lower Upper
93 100
95 31.4 25.0 37.4
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.251 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

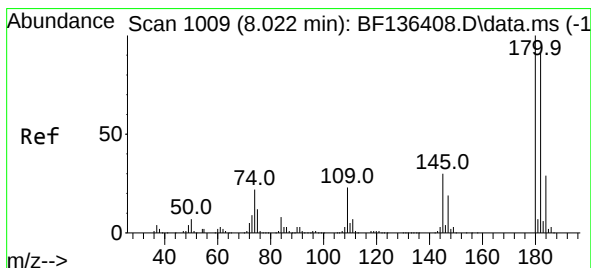
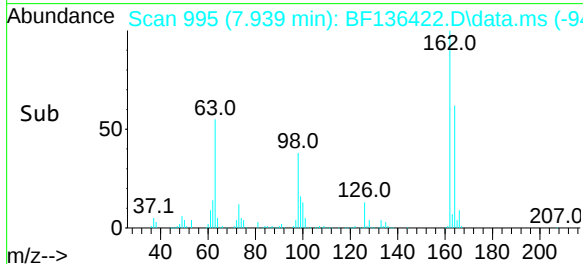
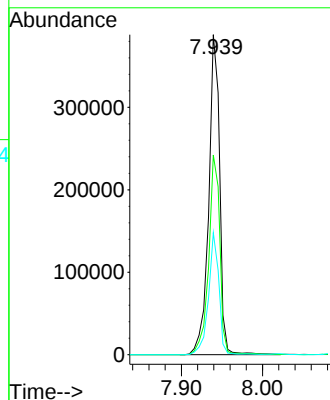
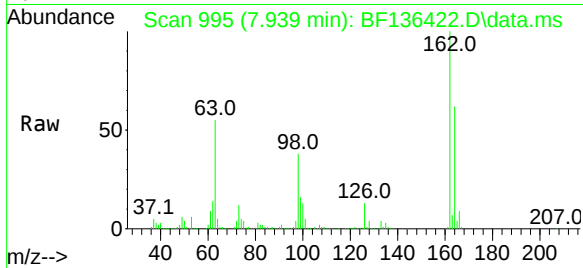
ClientSampleId :

PB157066BS

Tgt Ion:162 Resp: 363382
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.0 83.0
 98 38.1 16.2 56.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.615 ng

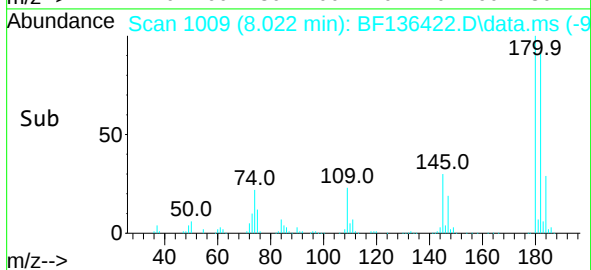
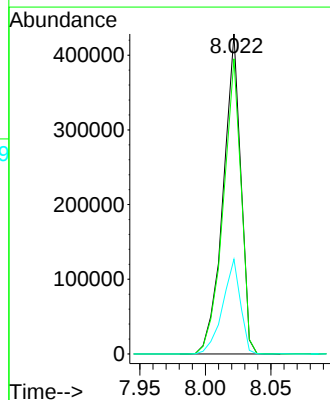
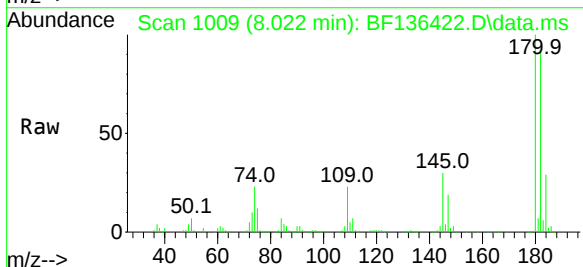
RT: 8.022 min Scan# 1009

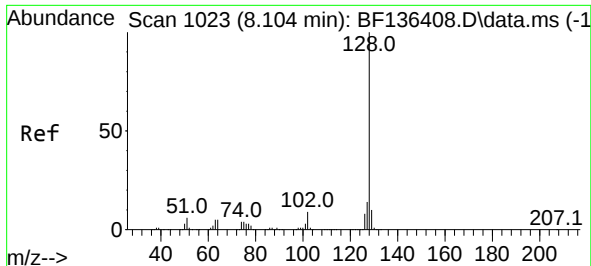
Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Tgt Ion:180 Resp: 399036
 Ion Ratio Lower Upper
 180 100
 182 92.3 73.1 109.7
 145 29.6 23.8 35.8





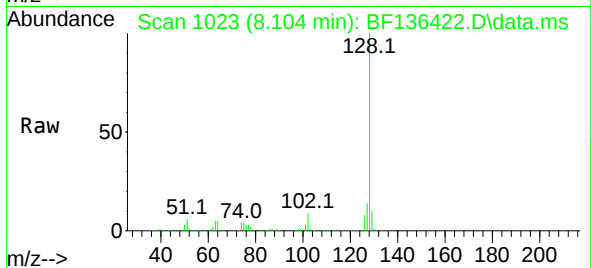
#31
Naphthalene
Concen: 43.300 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS



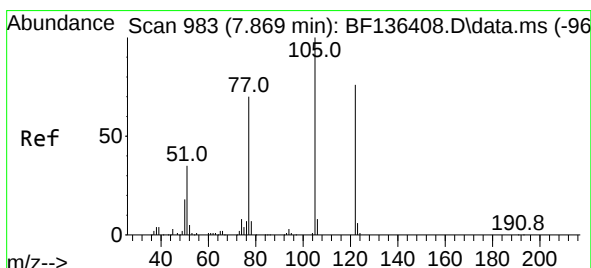
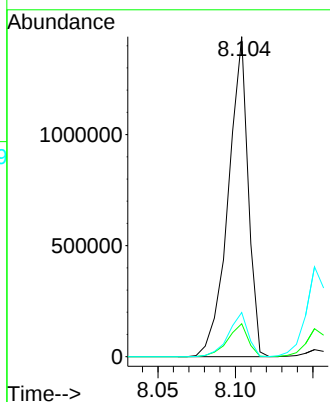
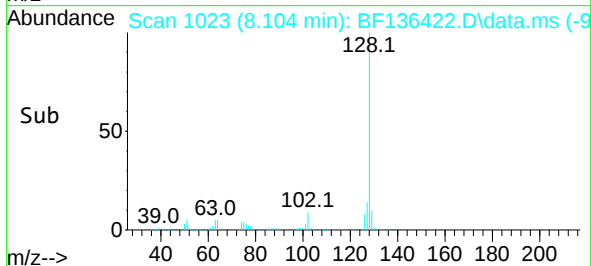
Tgt Ion:128 Resp: 1287820
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 13.8 11.1 16.7

Manual Integrations

APPROVED

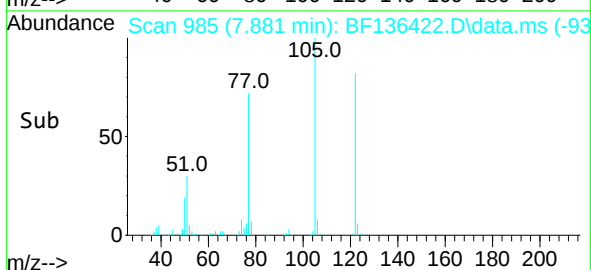
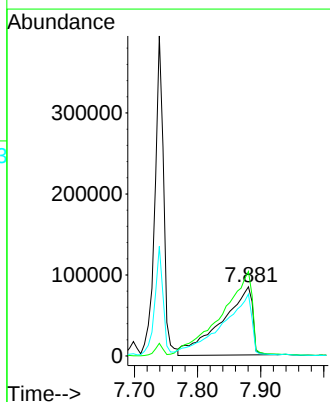
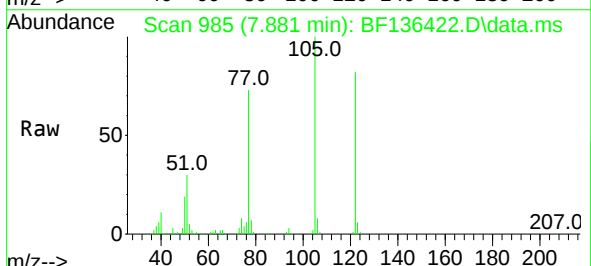
Reviewed By :Yogesh Patel 12/07/2023

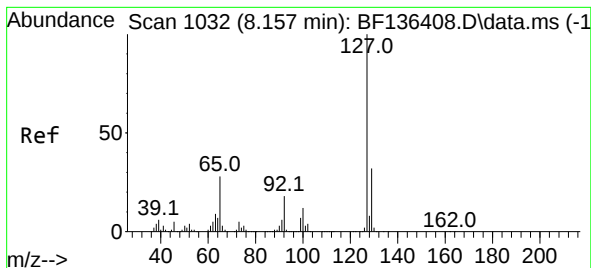
Supervised By :mohammad ahmed 12/07/2023



#32
Benzoic acid
Concen: 47.547 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:122 Resp: 286955
Ion Ratio Lower Upper
122 100
105 122.2 104.7 144.7
77 89.5 68.5 108.5





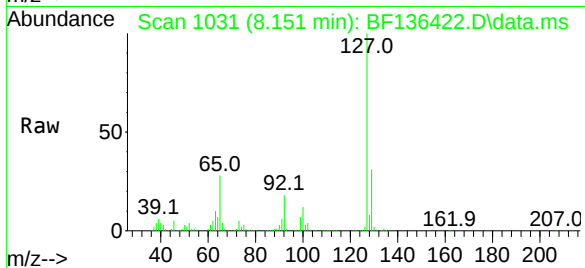
#33
4-Chloroaniline
Concen: 35.915 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

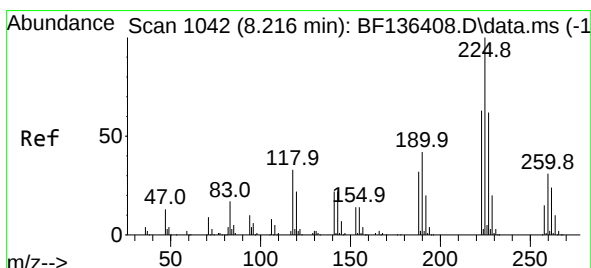
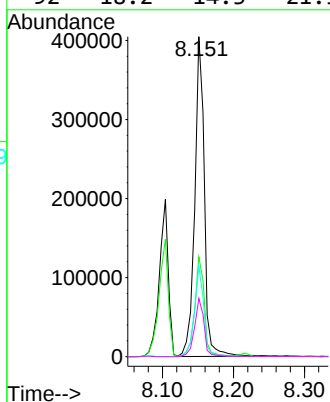
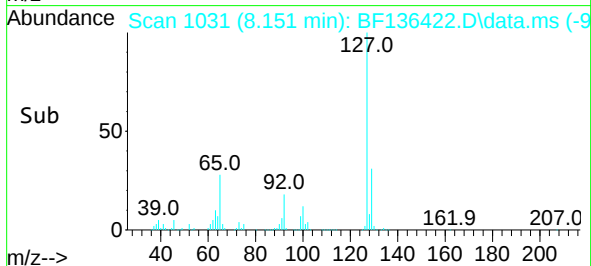


Tgt Ion:127 Resp: 380815
Ion Ratio Lower Upper
127 100
129 31.2 25.4 38.2
65 28.3 22.5 33.7
92 18.2 14.3 21.5

Manual Integrations

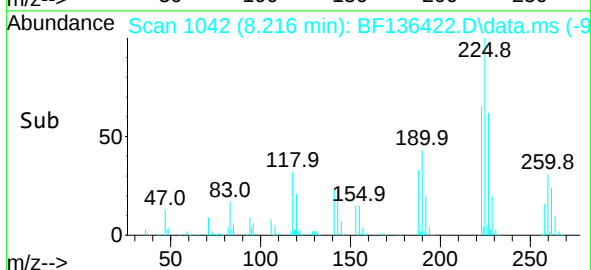
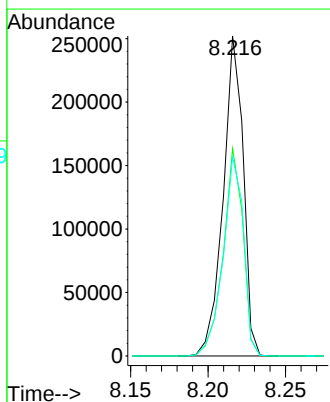
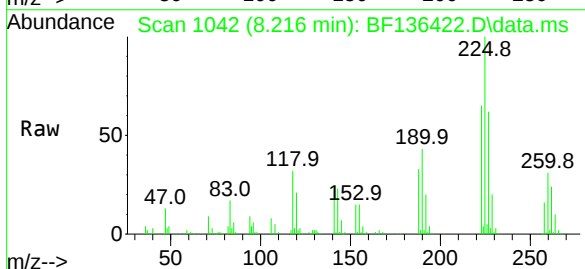
APPROVED

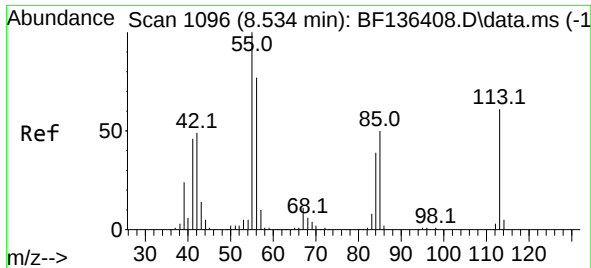
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 40.813 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:225 Resp: 226489
Ion Ratio Lower Upper
225 100
223 64.8 50.8 76.2
227 62.2 49.8 74.8





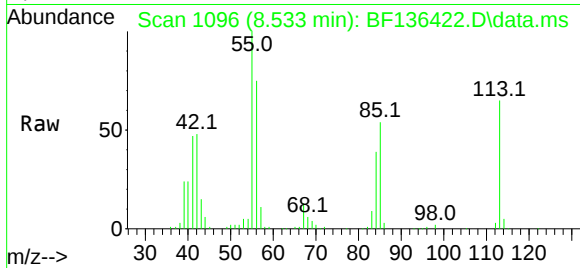
#35
 Caprolactam
 Concen: 48.008 ng m
 RT: 8.533 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF136422.D
 Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

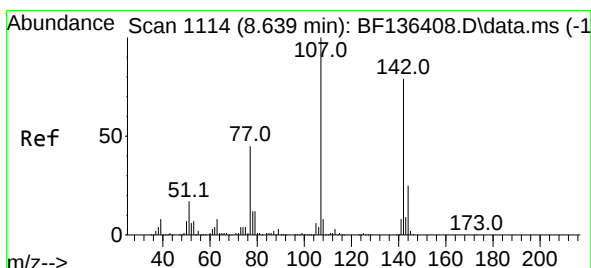
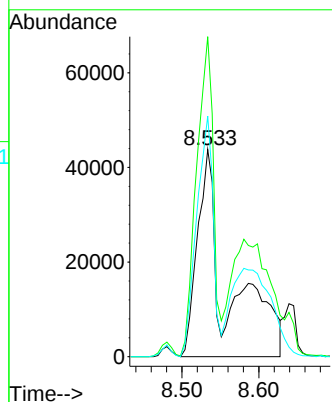
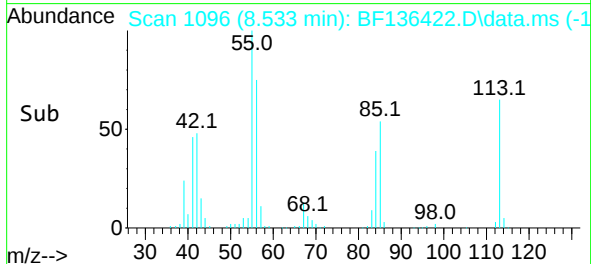


Tgt Ion:113 Resp: 11872
 Ion Ratio Lower Upper
 113 100
 55 154.4 143.7 183.7
 56 116.1 105.2 145.2

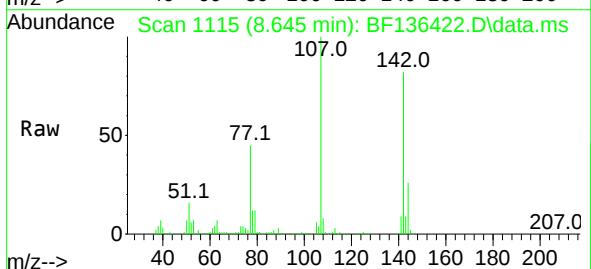
Manual Integrations

APPROVED

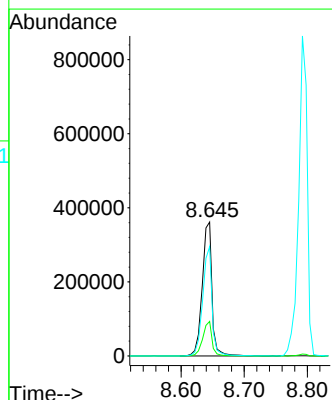
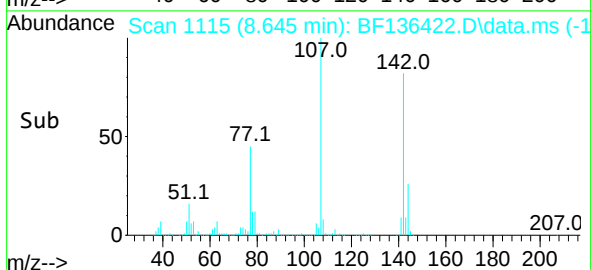
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

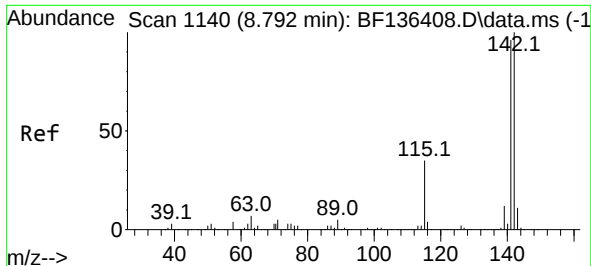


#36
 4-Chloro-3-methylphenol
 Concen: 45.736 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136422.D
 Acq: 06 Dec 2023 11:41



Tgt Ion:107 Resp: 389967
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.1 30.1
 142 81.6 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.471 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

Tgt Ion:142 Resp: 822539

Ion Ratio Lower Upper

142 100

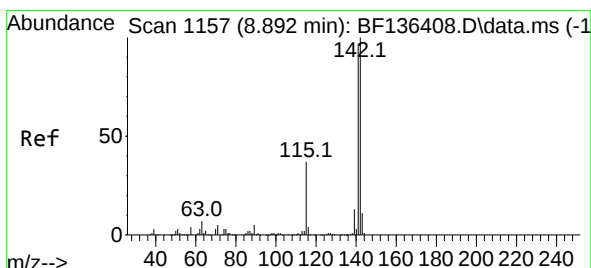
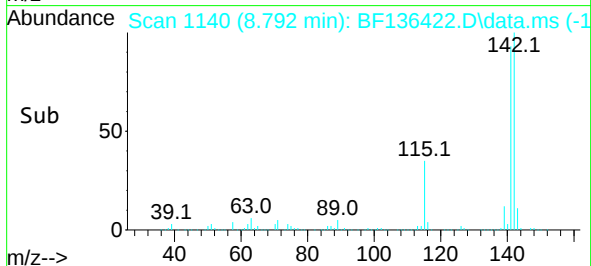
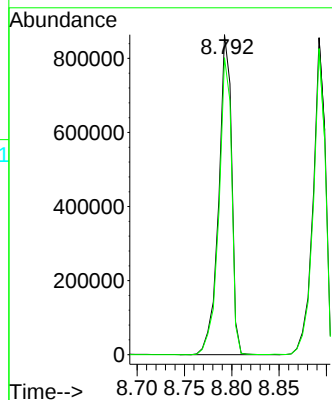
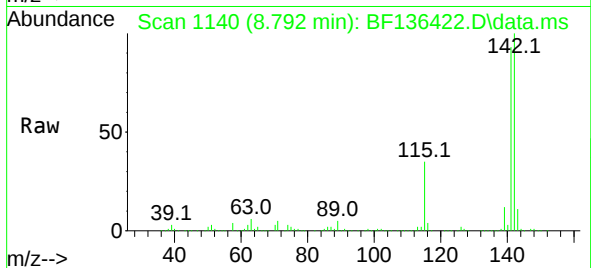
141 92.8 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 41.531 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF136422.D

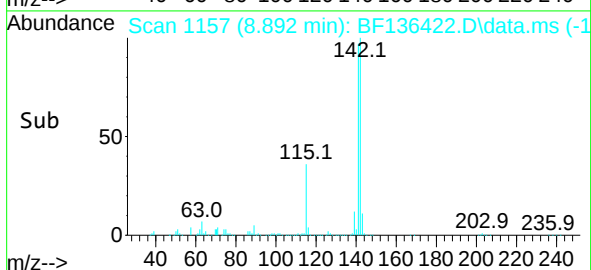
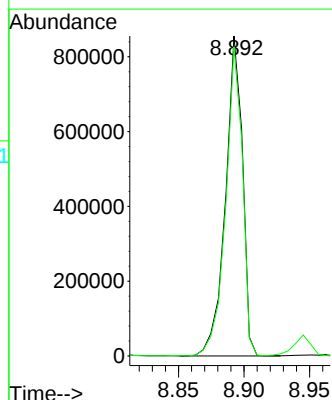
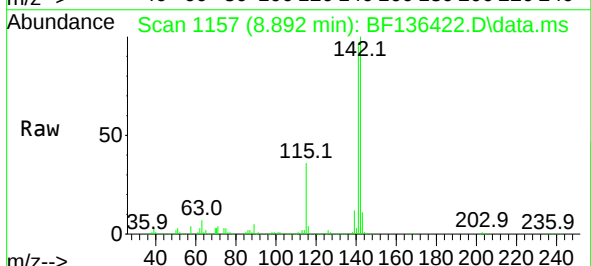
Acq: 06 Dec 2023 11:41

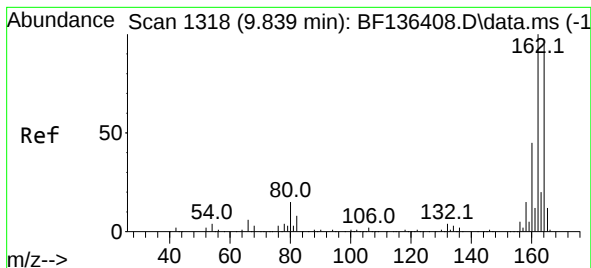
Tgt Ion:142 Resp: 771114

Ion Ratio Lower Upper

142 100

141 96.6 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF136422.D

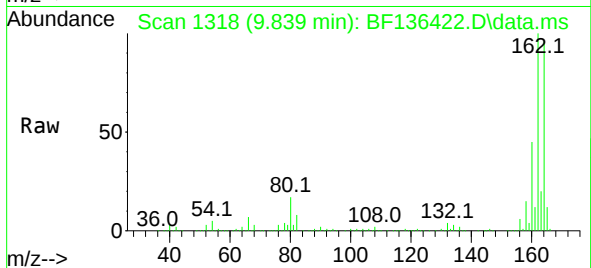
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS



Tgt Ion:164 Resp: 287414

Ion Ratio Lower Upper

164 100

162 104.3 84.4 126.6

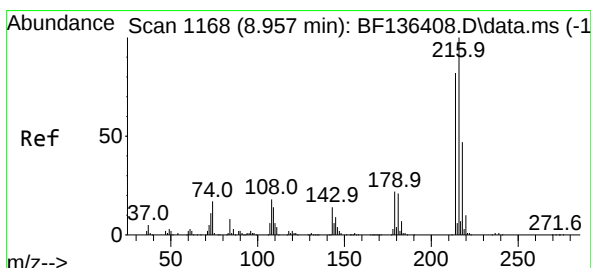
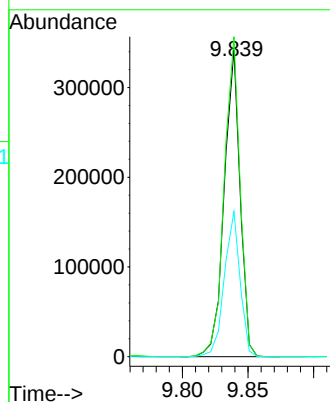
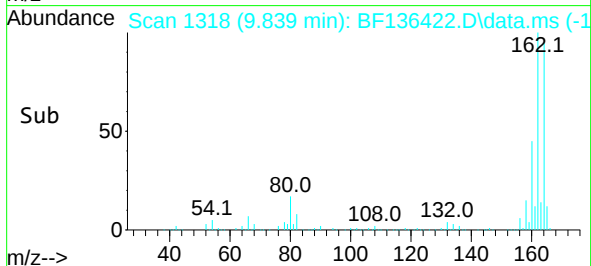
160 47.3 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.757 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Tgt Ion:216 Resp: 391266

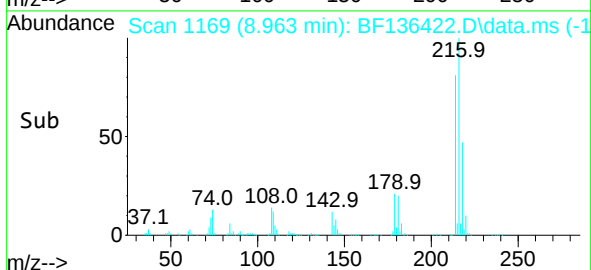
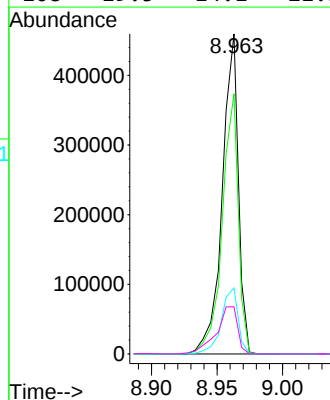
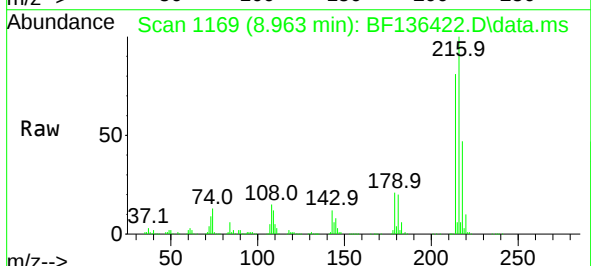
Ion Ratio Lower Upper

216 100

214 81.2 64.1 96.1

179 21.5 17.0 25.6

108 19.5 14.1 21.1





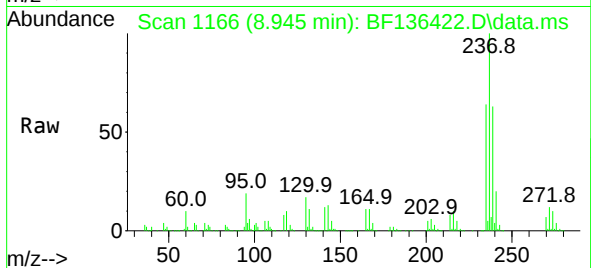
#41
Hexachlorocyclopentadiene
Concen: 129.934 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

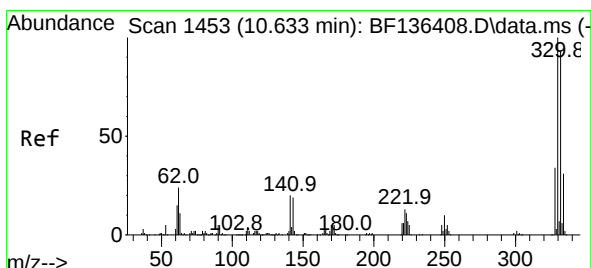
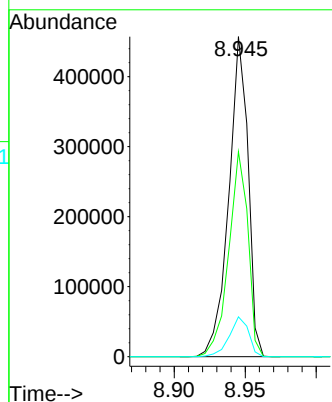
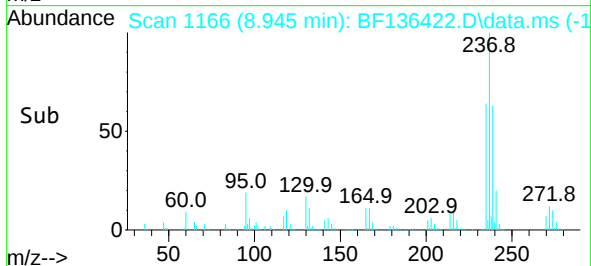


Tgt Ion:237 Resp: 430435
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 12.4 0.0 33.3

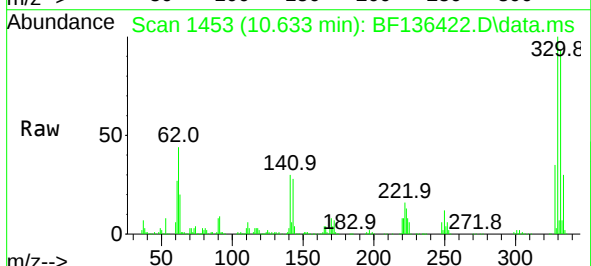
Manual Integrations

APPROVED

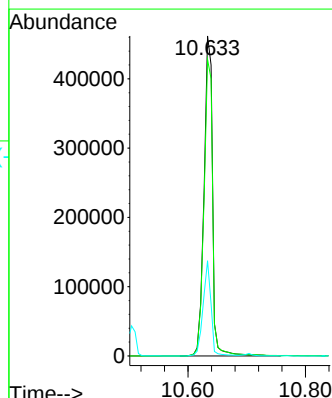
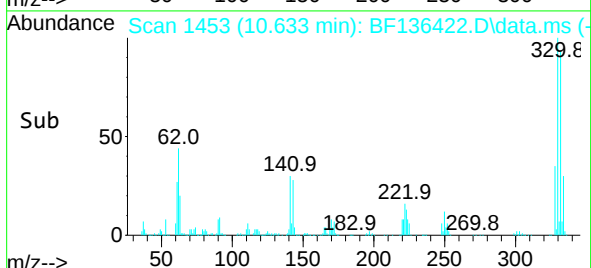
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

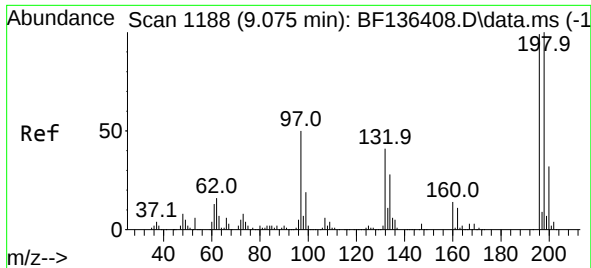


#42
2,4,6-Tribromophenol
Concen: 131.285 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



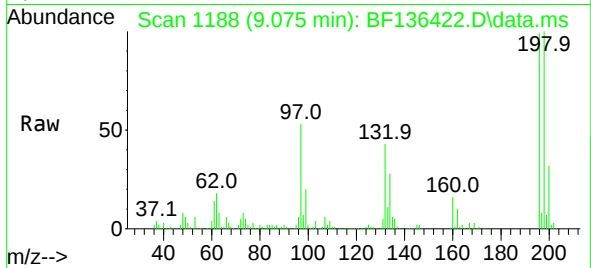
Tgt Ion:330 Resp: 465252
Ion Ratio Lower Upper
330 100
332 94.6 76.4 114.6
141 27.8 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 44.184 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

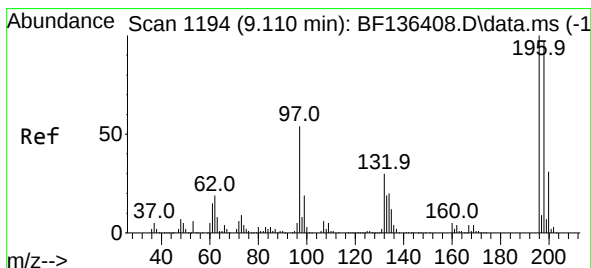
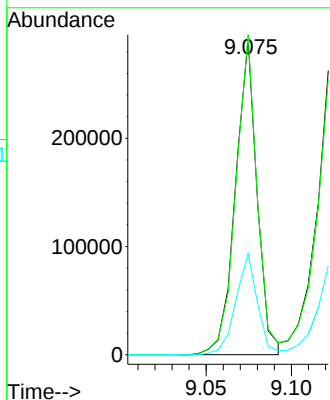
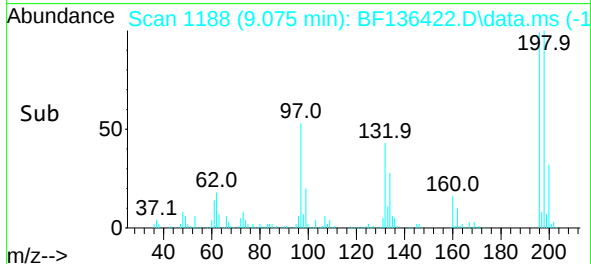
Instrument :
BNA_F
ClientSampleId :
PB157066BS



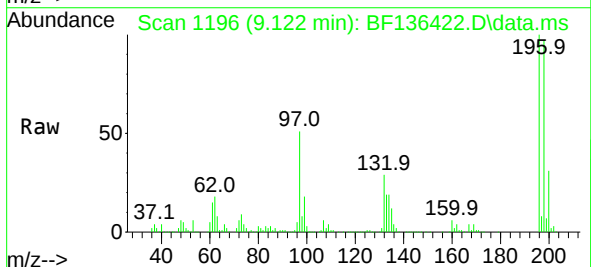
Tgt Ion:196 Resp: 257254
Ion Ratio Lower Upper
196 100
198 101.4 80.4 120.6
200 32.0 25.9 38.9

Manual Integrations
APPROVED

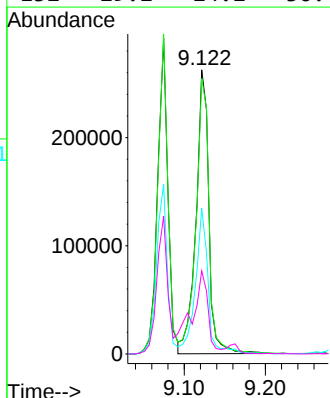
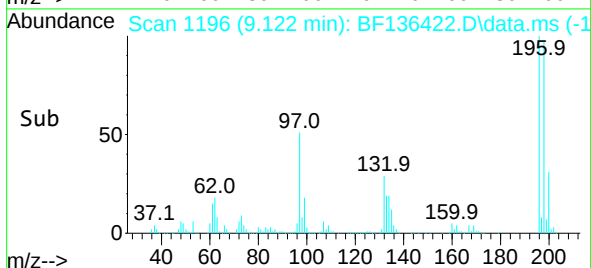
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

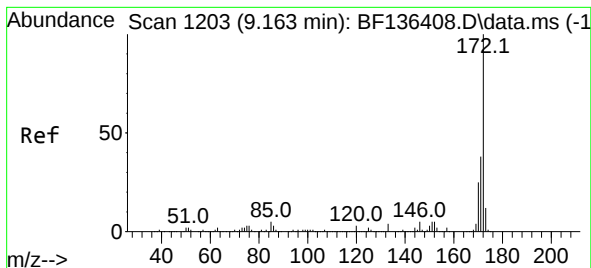


#44
2,4,5-Trichlorophenol
Concen: 44.629 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:196 Resp: 290009
Ion Ratio Lower Upper
196 100
198 96.9 78.1 117.1
97 51.2 43.4 65.2
132 29.2 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 82.566 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF136422.D

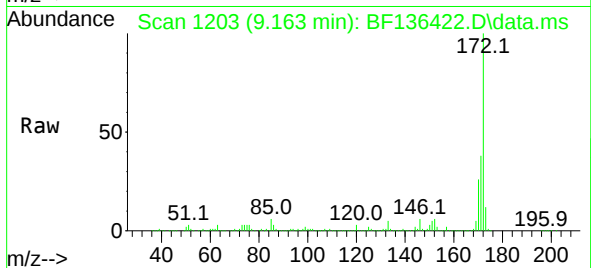
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS



Tgt Ion:172 Resp: 1739150

Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

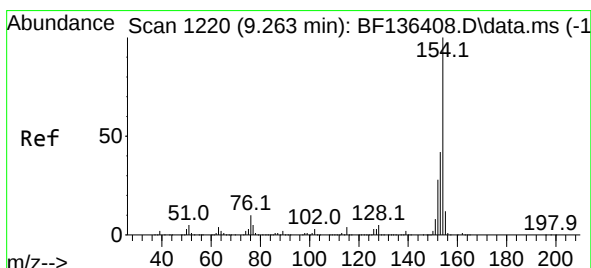
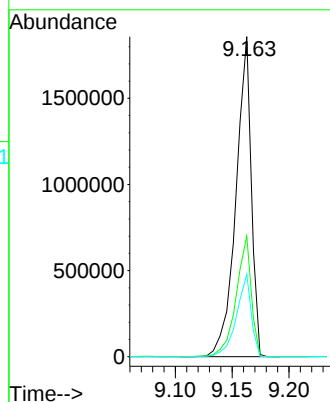
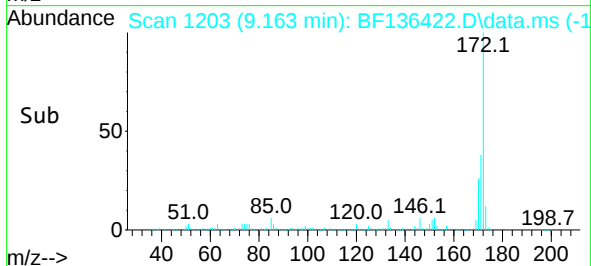
170 25.8 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#46

1,1'-Biphenyl

Concen: 43.482 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

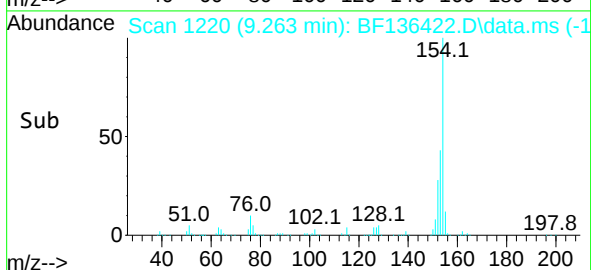
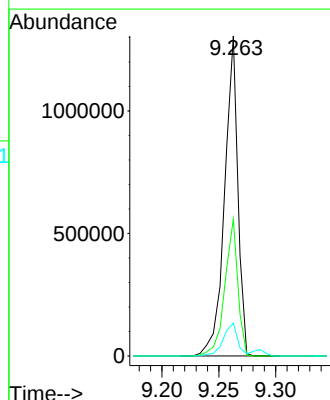
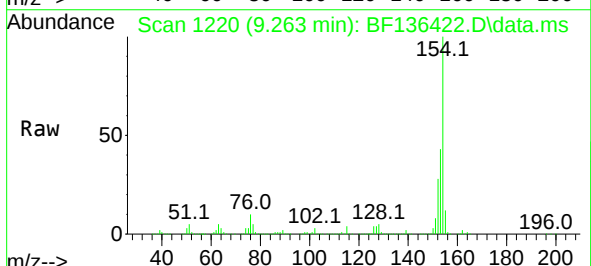
Tgt Ion:154 Resp: 1063390

Ion Ratio Lower Upper

154 100

153 42.8 22.5 62.5

76 10.3 0.0 29.9





#47

2-Chloronaphthalene

Concen: 42.628 ng

RT: 9.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

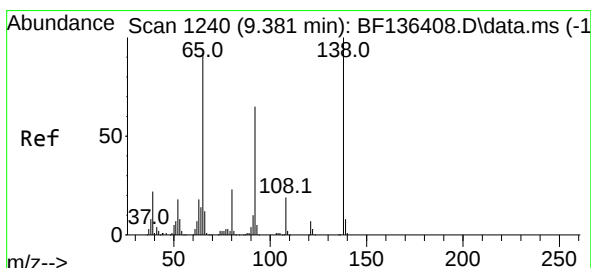
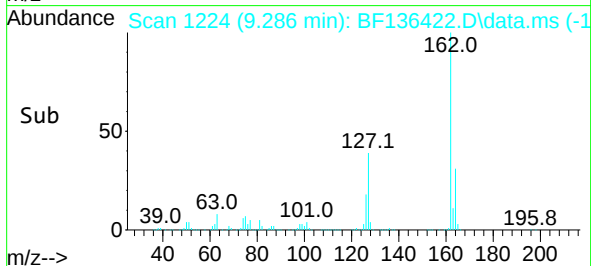
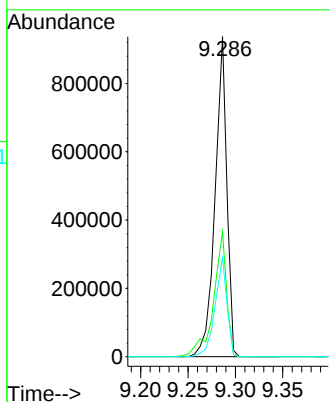
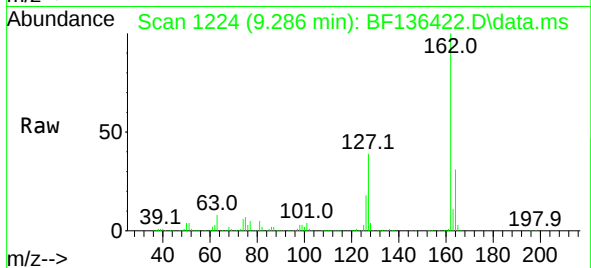
Tgt Ion:	162	Resp:	81141
Ion Ratio	Lower	Upper	
162	100		
127	39.0	31.1	46.7
164	30.9	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#48

2-Nitroaniline

Concen: 45.621 ng

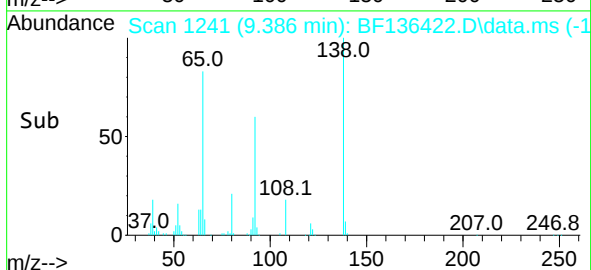
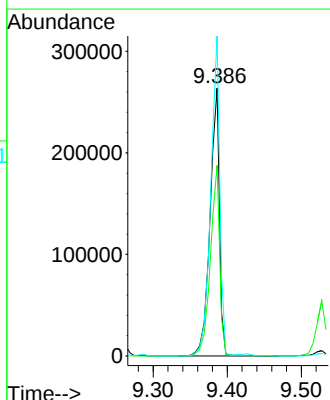
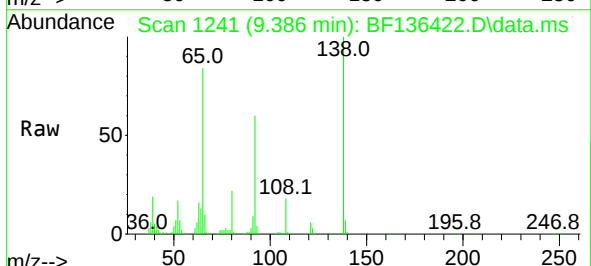
RT: 9.386 min Scan# 1241

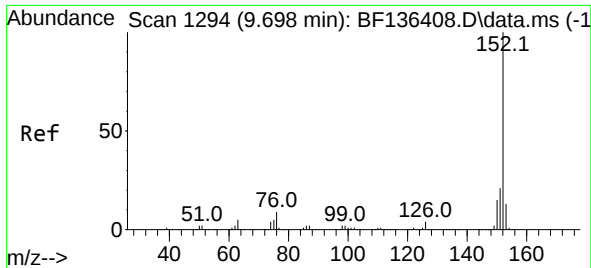
Delta R.T. 0.006 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Tgt Ion:	65	Resp:	232902
Ion Ratio	Lower	Upper	
65	100		
92	71.2	56.1	84.1
138	119.5	86.7	130.1





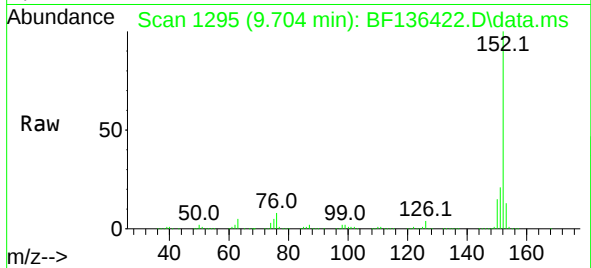
#49
Acenaphthylene
Concen: 44.868 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

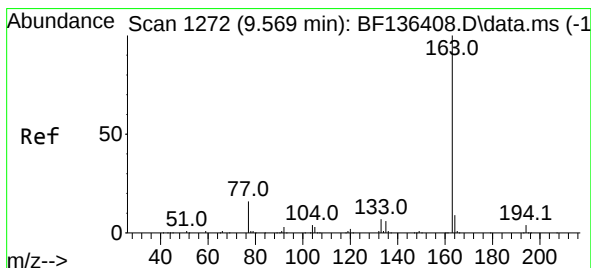
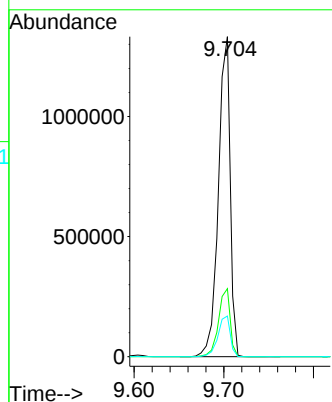
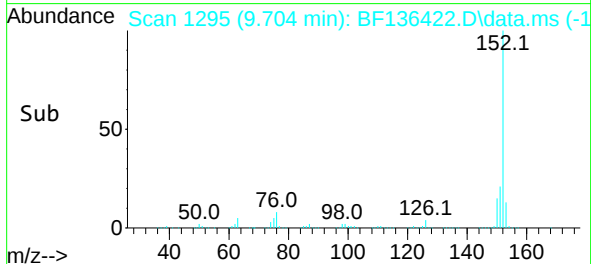


Tgt Ion:152 Resp: 121660
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 12.7 10.6 15.8

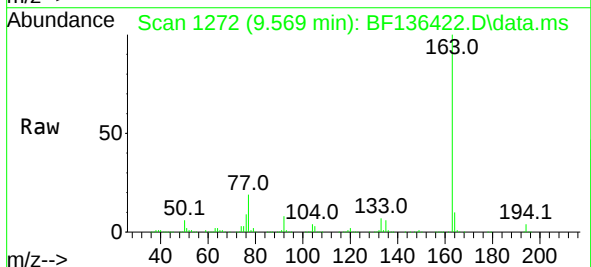
Manual Integrations

APPROVED

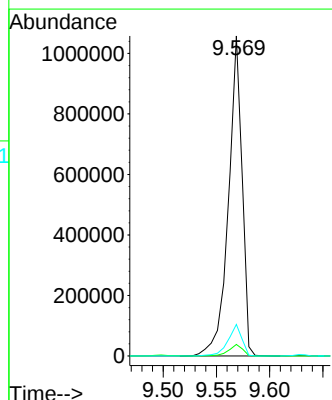
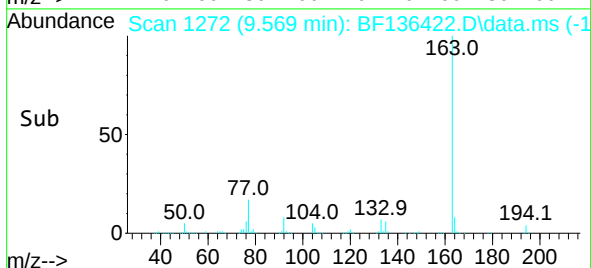
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

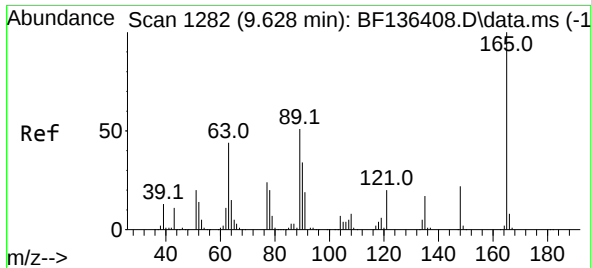


#50
Dimethylphthalate
Concen: 44.468 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:163 Resp: 940961
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 7.4 11.2





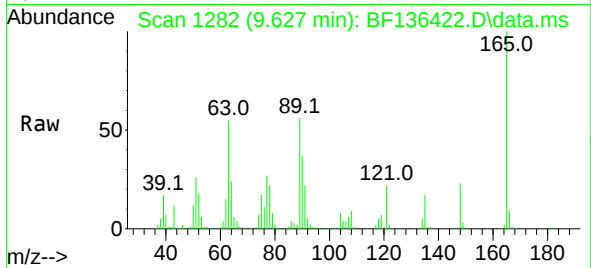
#51
2,6-Dinitrotoluene
Concen: 43.399 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

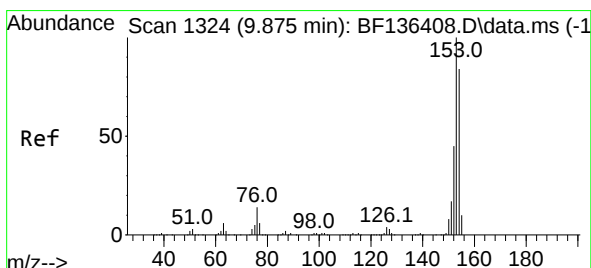
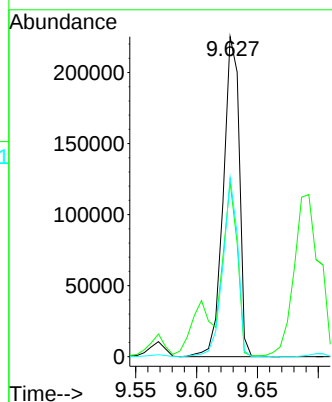
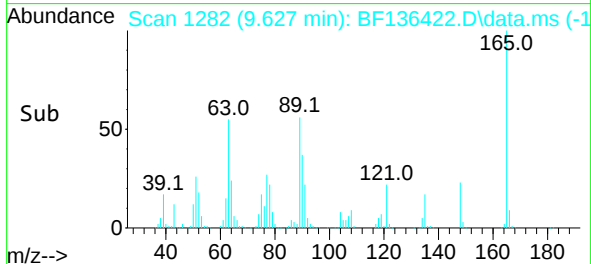


Tgt Ion:165 Resp: 206600
Ion Ratio Lower Upper
165 100
63 54.5 40.4 60.6
89 56.0 40.6 60.8

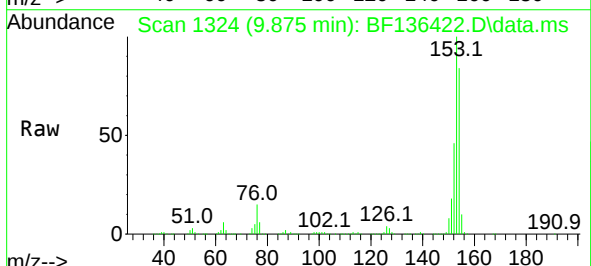
Manual Integrations

APPROVED

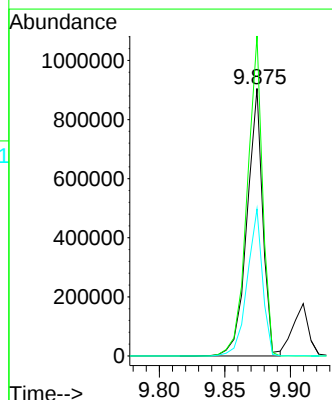
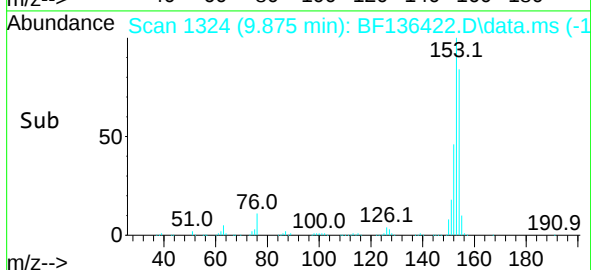
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

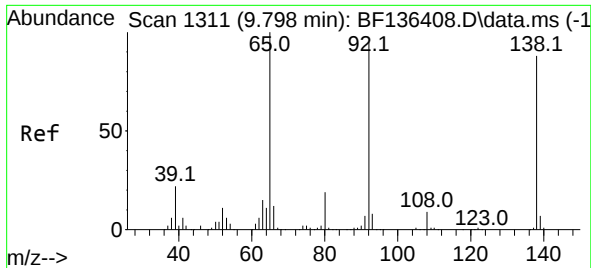


#52
Acenaphthene
Concen: 43.491 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:154 Resp: 755687
Ion Ratio Lower Upper
154 100
153 119.6 95.3 142.9
152 55.0 43.2 64.8





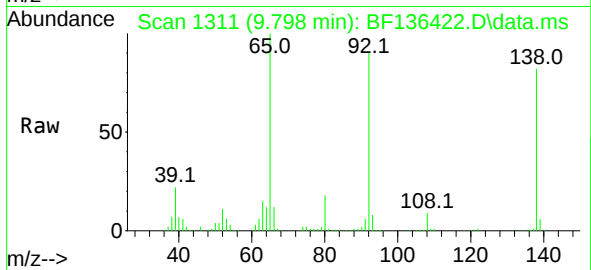
#53
3-Nitroaniline
Concen: 38.543 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

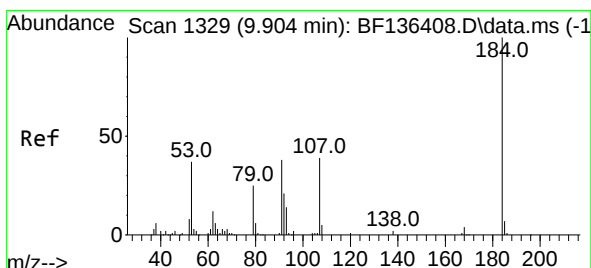
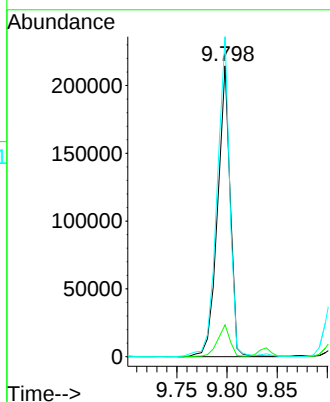
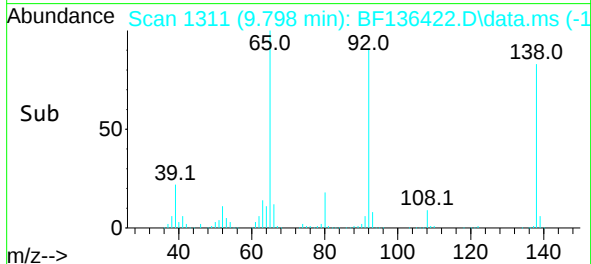


Tgt Ion:138 Resp: 187368
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 110.0 86.1 129.1

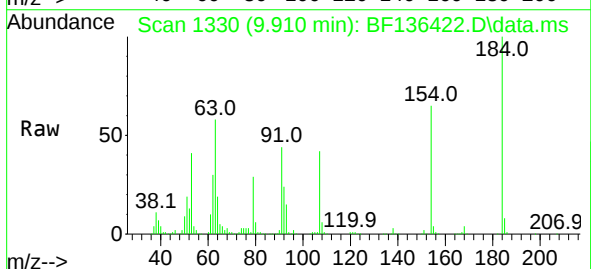
Manual Integrations

APPROVED

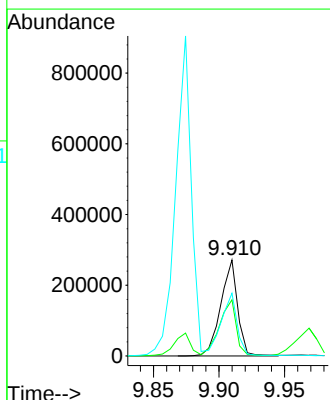
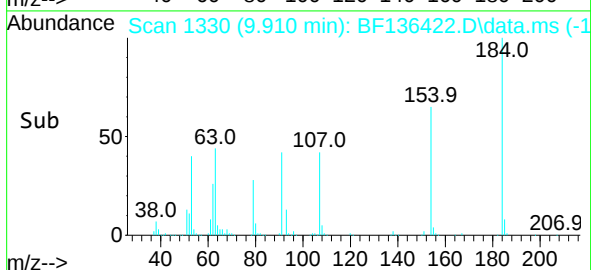
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

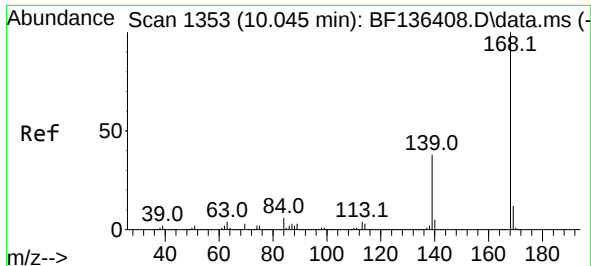


#54
2,4-Dinitrophenol
Concen: 100.874 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



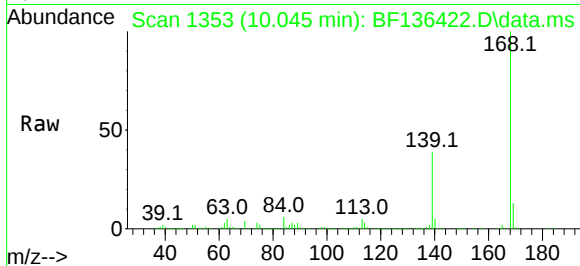
Tgt Ion:184 Resp: 242793
Ion Ratio Lower Upper
184 100
63 58.5 39.1 58.7
154 65.3 49.9 74.9





#55
Dibenzenofuran
Concen: 43.664 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

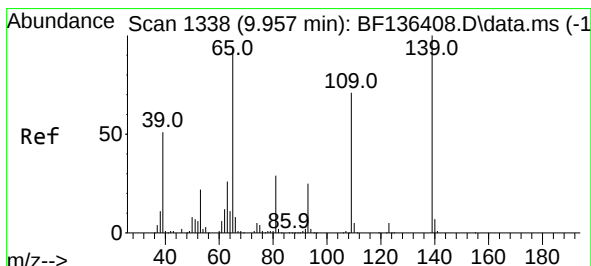
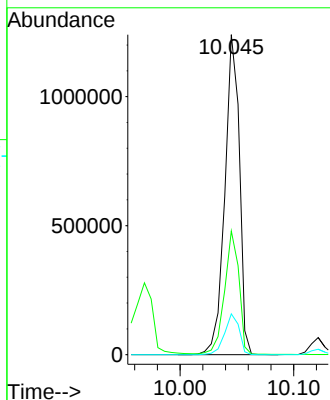
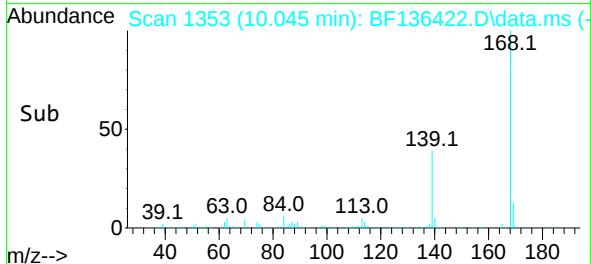
Instrument :
BNA_F
ClientSampleId :
PB157066BS



Tgt Ion:168 Resp: 1108362
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 12.7 9.9 14.9

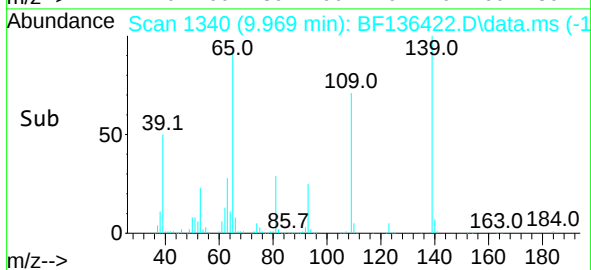
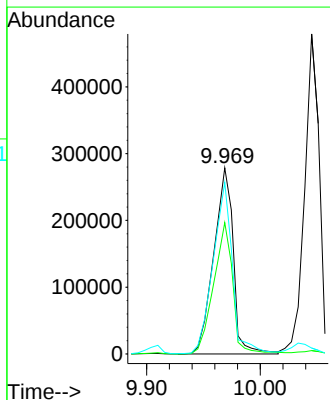
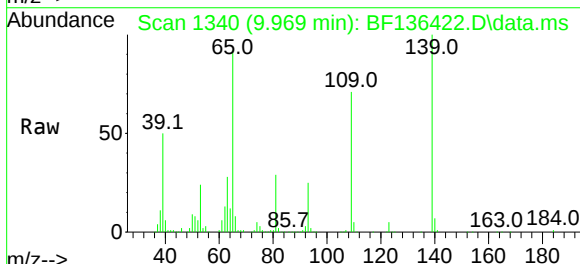
Manual Integrations
APPROVED

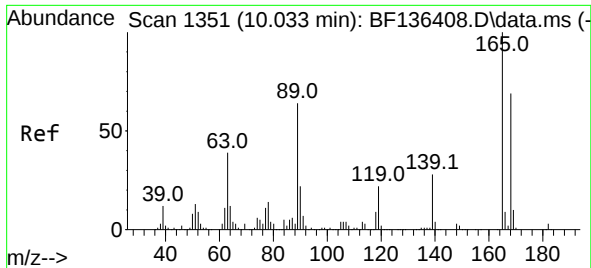
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 91.441 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:139 Resp: 333232
Ion Ratio Lower Upper
139 100
109 70.6 50.6 90.6
65 92.1 73.1 113.1





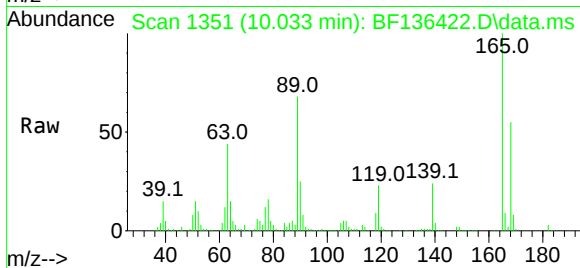
#57
2,4-Dinitrotoluene
Concen: 44.748 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS



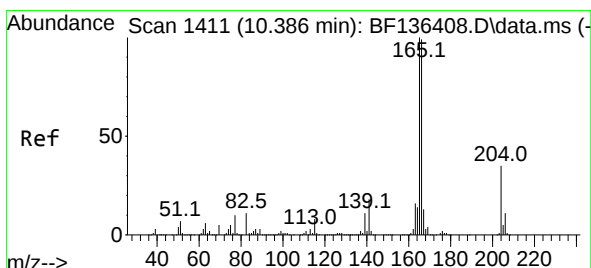
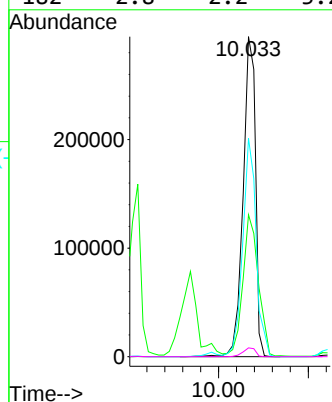
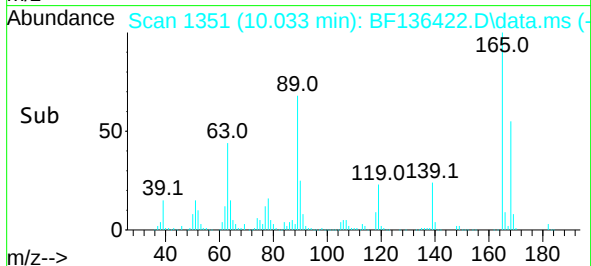
Tgt Ion:165 Resp: 281804
Ion Ratio Lower Upper
165 100
63 44.3 31.4 47.2
89 68.2 51.7 77.5
182 2.8 2.2 3.2

Manual Integrations

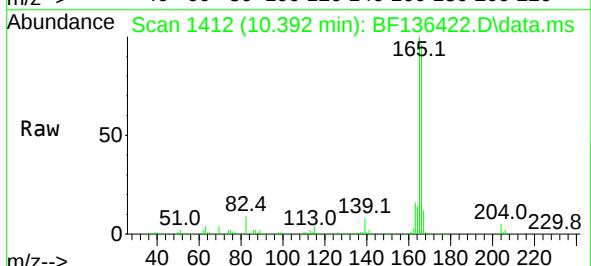
APPROVED

Reviewed By :Yogesh Patel 12/07/2023

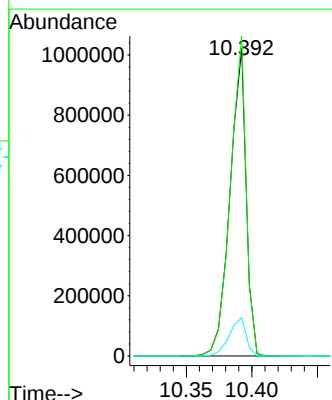
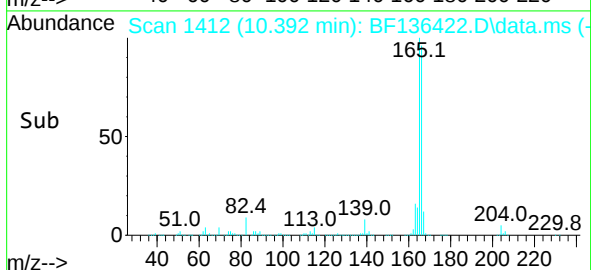
Supervised By :mohammad ahmed 12/07/2023

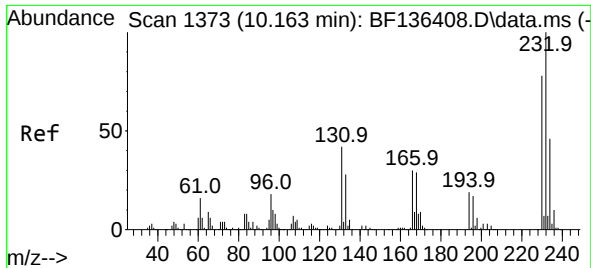


#58
Fluorene
Concen: 42.964 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:166 Resp: 875447
Ion Ratio Lower Upper
166 100
165 104.0 80.5 120.7
167 12.4 10.5 15.7





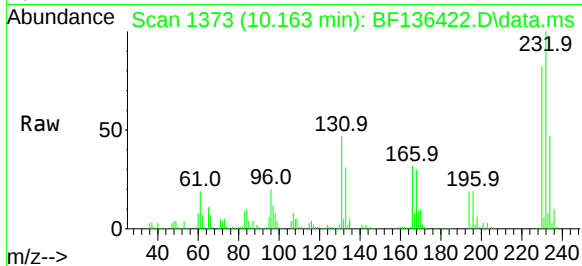
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.861 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

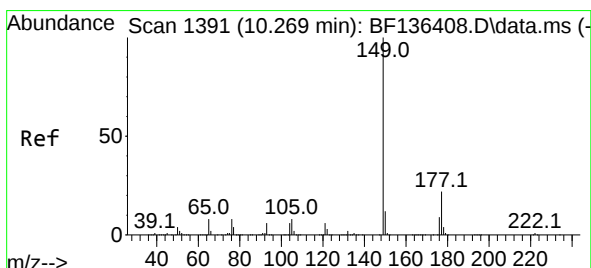
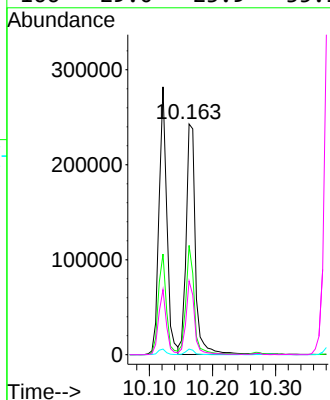
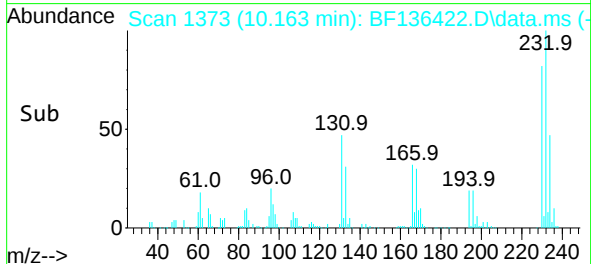


Tgt Ion:232 Resp: 249120
Ion Ratio Lower Upper
232 100
131 43.0 34.3 51.5
130 2.3 1.6 2.4
166 29.0 23.9 35.9

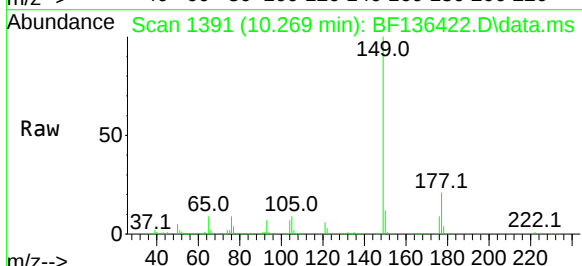
Manual Integrations

APPROVED

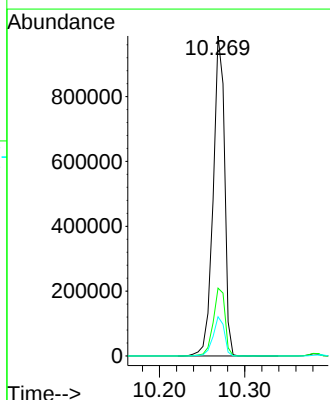
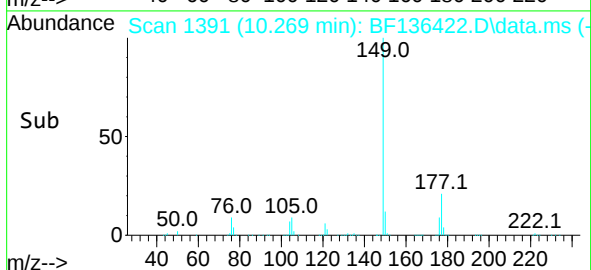
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

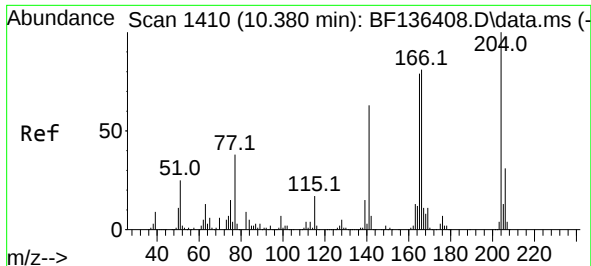


#60
Diethylphthalate
Concen: 44.102 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



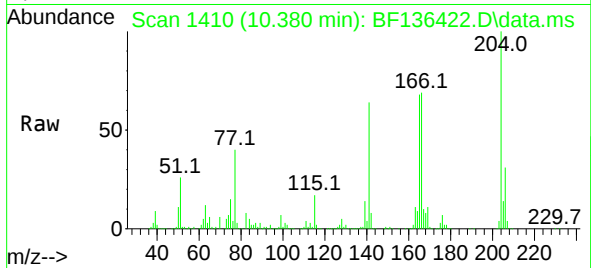
Tgt Ion:149 Resp: 917670
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.8
150 12.2 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 43.305 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

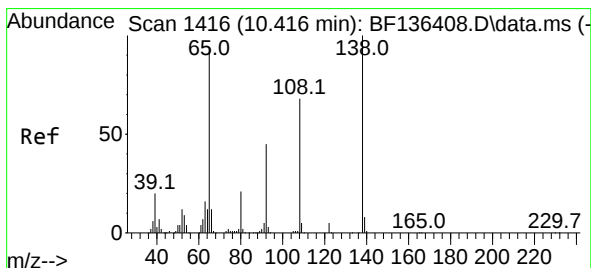
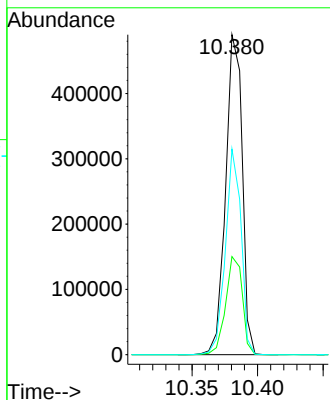
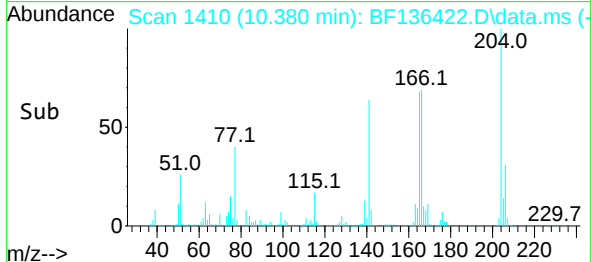
Instrument :
BNA_F
ClientSampleId :
PB157066BS



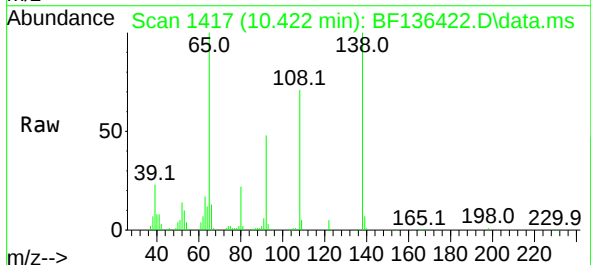
Tgt Ion:204 Resp: 43016
Ion Ratio Lower Upper
204 100
206 30.6 24.6 36.8
141 64.3 50.3 75.5

Manual Integrations
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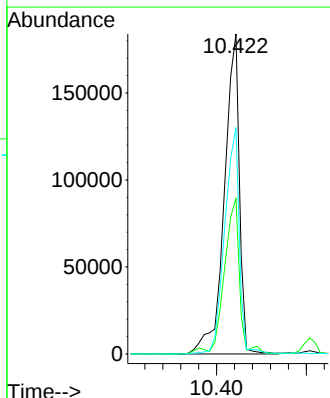
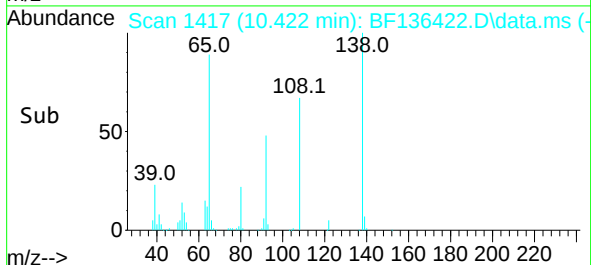
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

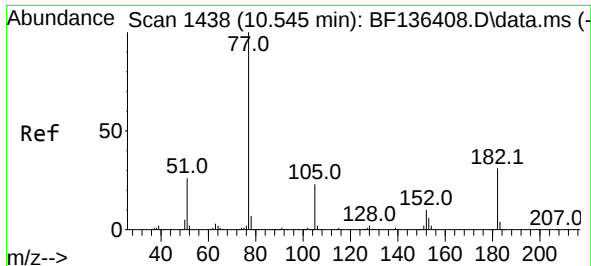


#62
4-Nitroaniline
Concen: 44.345 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:138 Resp: 214055
Ion Ratio Lower Upper
138 100
92 48.5 25.0 65.0
108 70.8 47.9 87.9





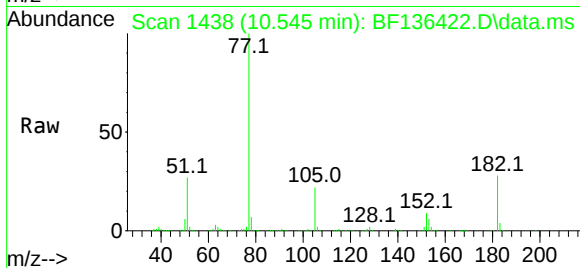
#63
Azobenzene
Concen: 43.451 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

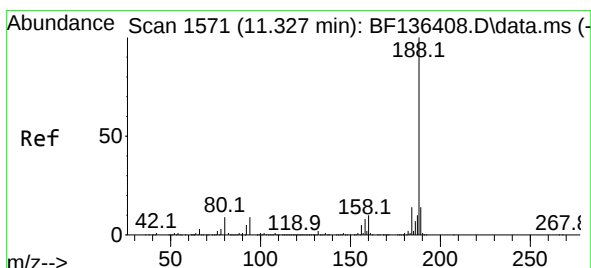
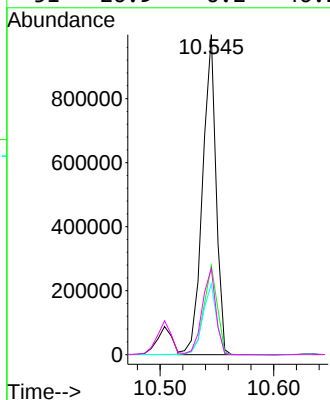
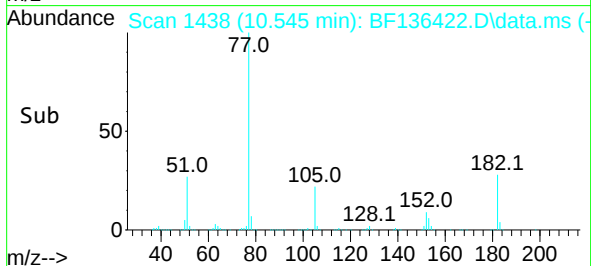


Tgt Ion: 77 Resp: 822923
Ion Ratio Lower Upper
77 100
182 27.9 10.8 50.8
105 22.0 2.6 42.6
51 26.9 6.2 46.2

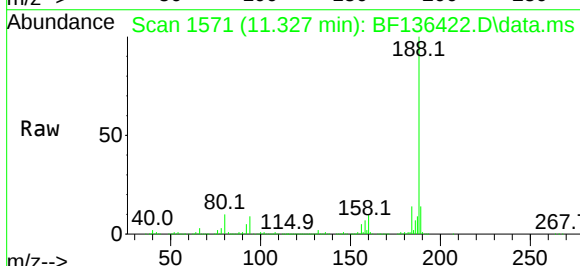
Manual Integrations

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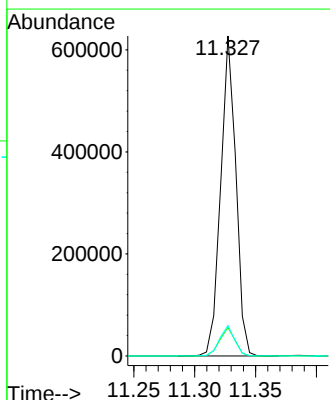
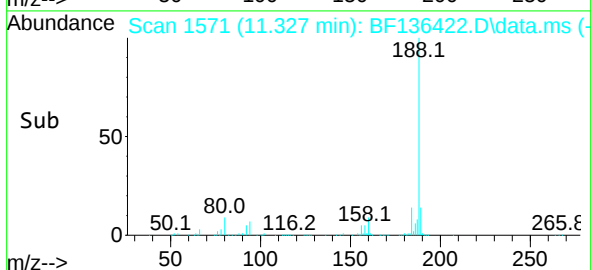
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

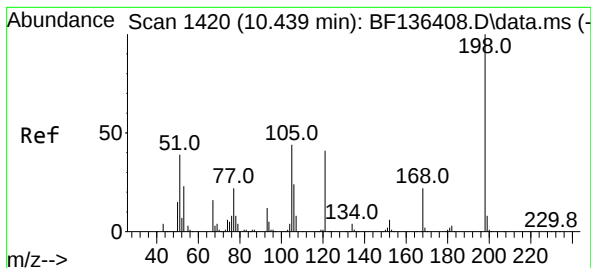


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:188 Resp: 545726
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.5 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.119 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

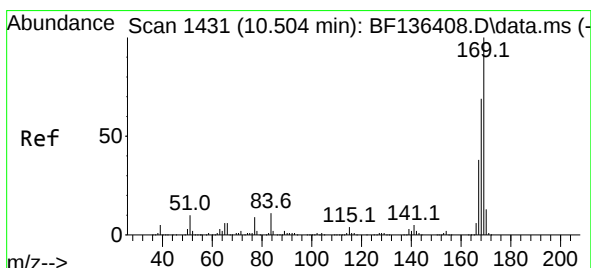
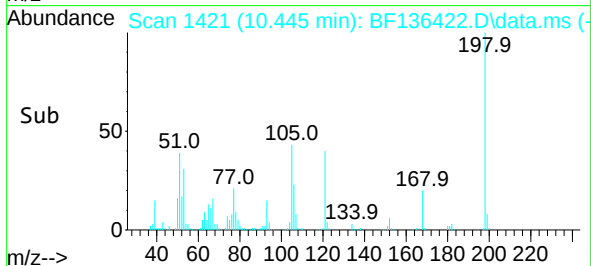
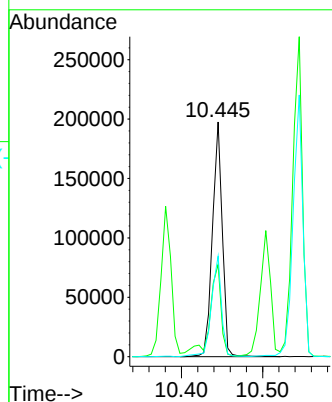
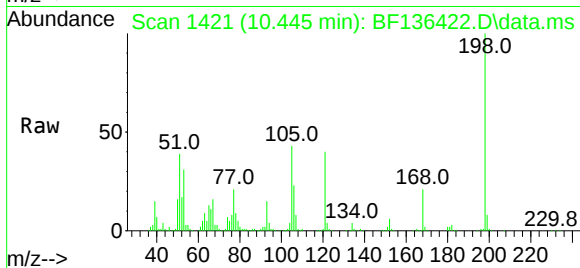
PB157066BS

Tgt Ion:198 Resp: 166010
Ion Ratio Lower Upper
198 100
51 39.3 24.1 64.1
105 42.8 24.8 64.8

Manual Integrations

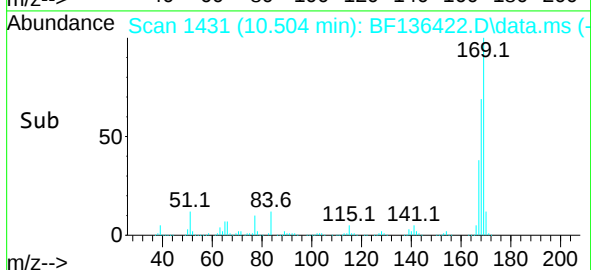
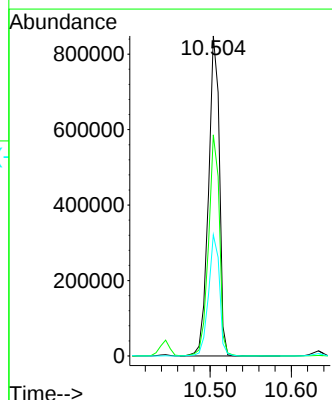
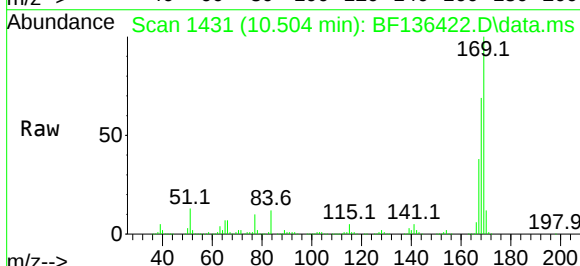
APPROVED

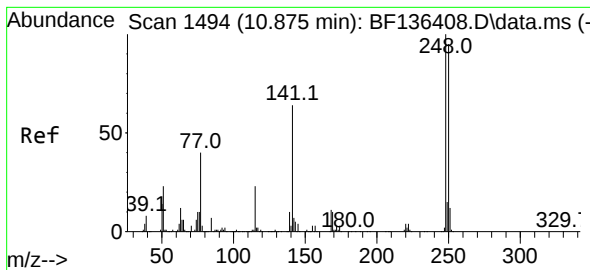
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 45.041 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:169 Resp: 788732
Ion Ratio Lower Upper
169 100
168 69.1 55.3 82.9
167 37.9 30.1 45.1





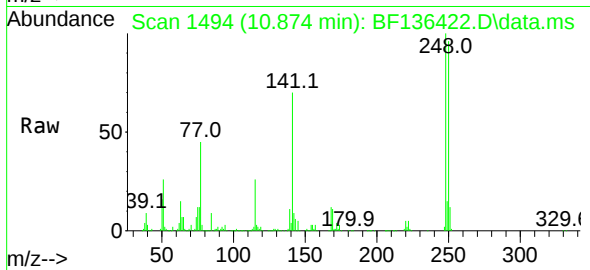
#67
4-Bromophenyl-phenylether
Concen: 43.512 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

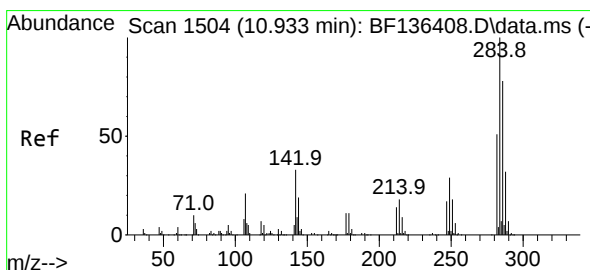
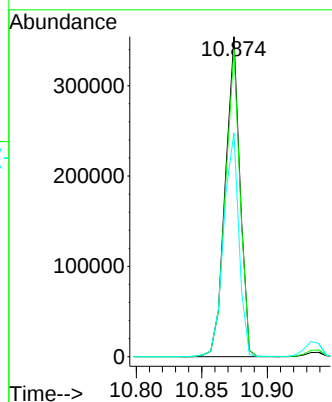
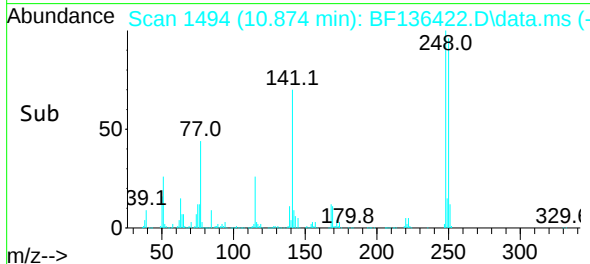


Tgt Ion:248 Resp: 276079
Ion Ratio Lower Upper
248 100
250 96.0 76.2 114.2
141 70.0 51.0 76.4

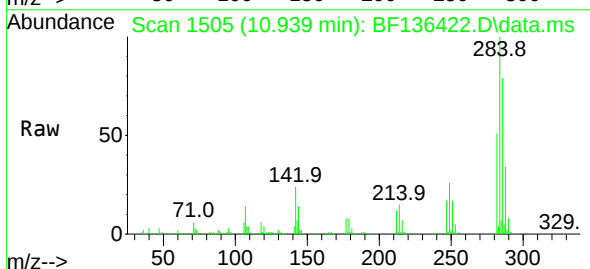
Manual Integrations

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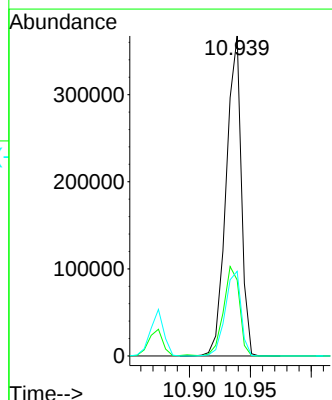
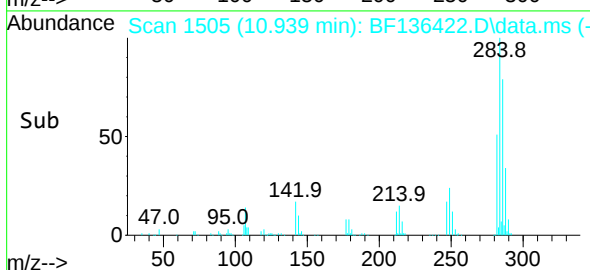
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

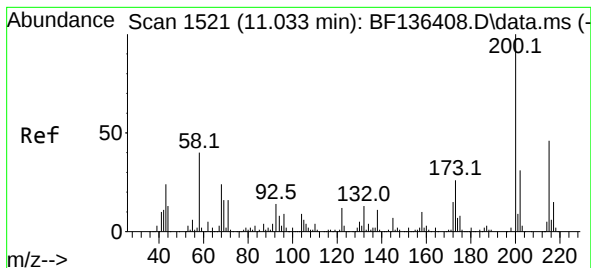


#68
Hexachlorobenzene
Concen: 43.262 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:284 Resp: 317253
Ion Ratio Lower Upper
284 100
142 23.8 26.5 39.7#
249 26.5 23.4 35.0





#69

Atrazine

Concen: 36.830 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

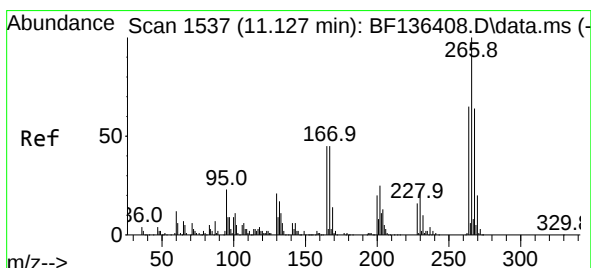
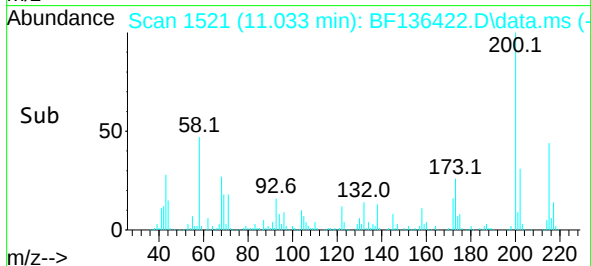
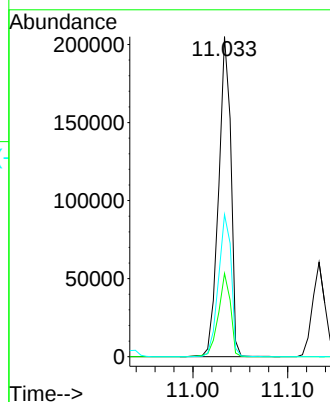
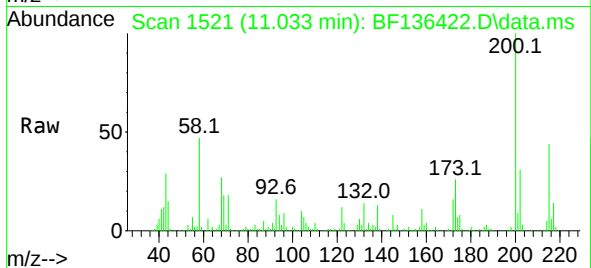
Tgt Ion:200 Resp: 184075
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.0 46.0
 215 44.4 25.5 65.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#70

Pentachlorophenol

Concen: 83.811 ng

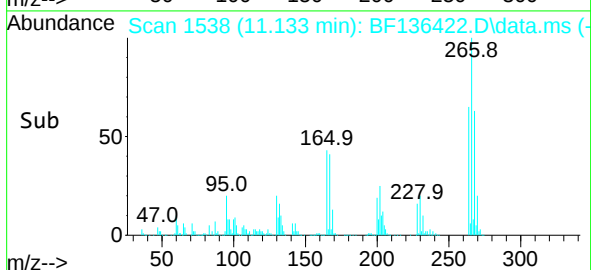
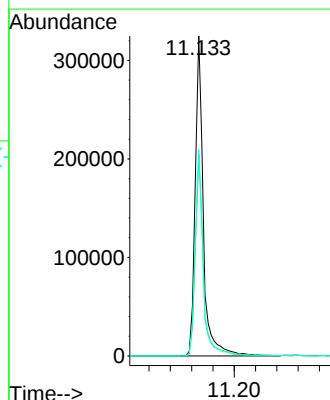
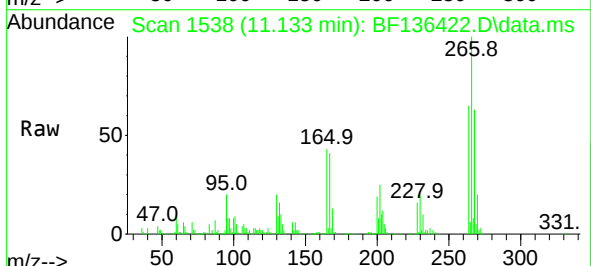
RT: 11.133 min Scan# 1538

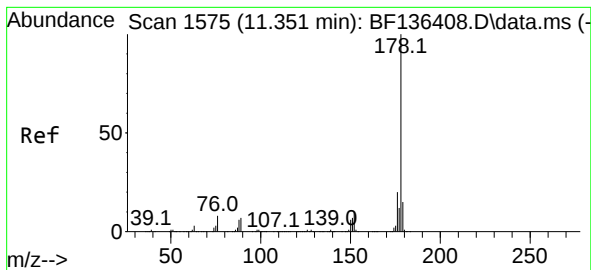
Delta R.T. 0.006 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Tgt Ion:266 Resp: 346875
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.0 76.6
 264 64.5 52.2 78.4





#71

Phenanthrene

Concen: 45.294 ng

RT: 11.357 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

Tgt Ion:178 Resp: 1358608

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

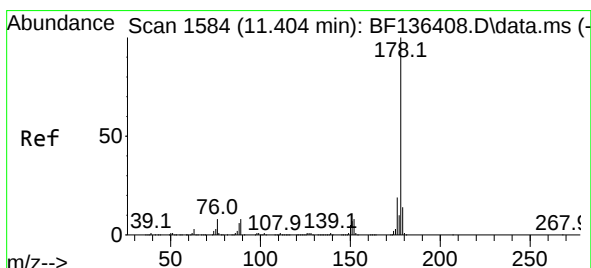
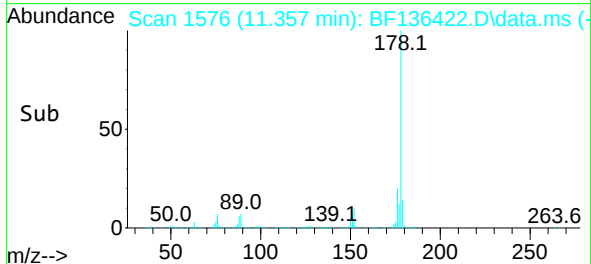
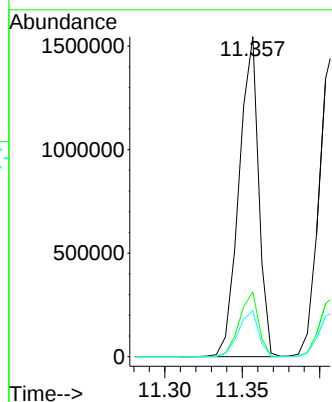
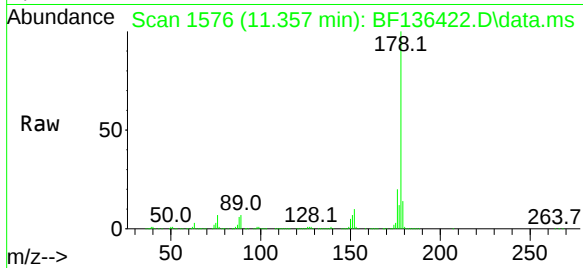
179 14.3 11.8 17.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#72

Anthracene

Concen: 45.313 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

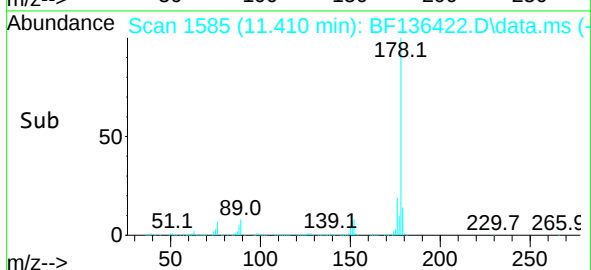
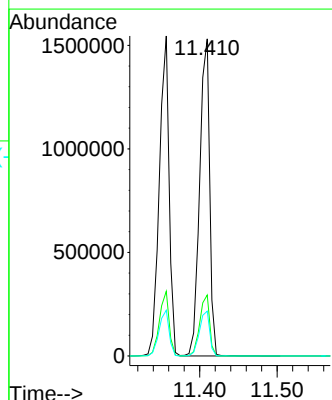
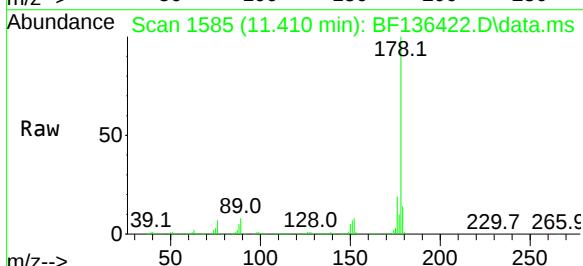
Tgt Ion:178 Resp: 1369008

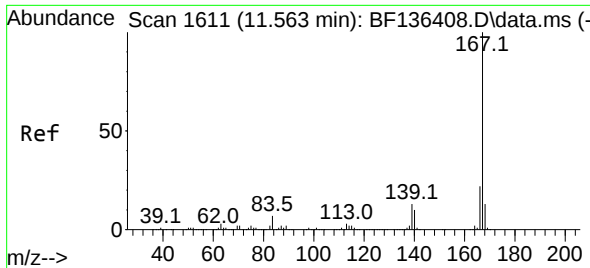
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

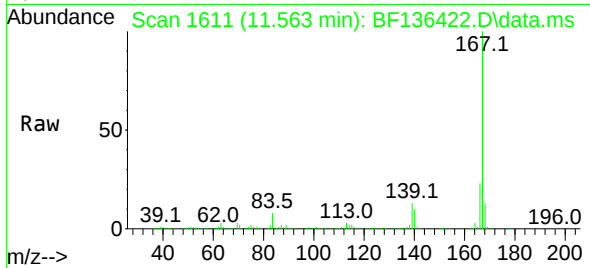
179 14.1 11.4 17.0





#73
 Carbazole
 Concen: 44.203 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF136422.D
 Acq: 06 Dec 2023 11:41

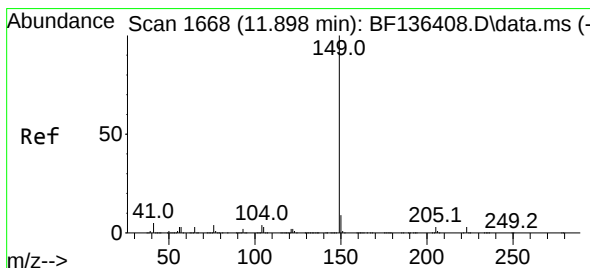
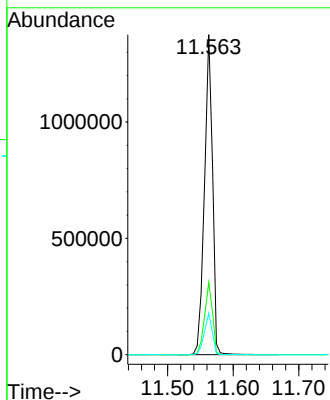
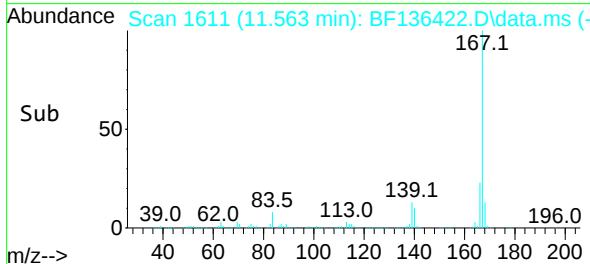
Instrument :
 BNA_F
 ClientSampleId :
 PB157066BS



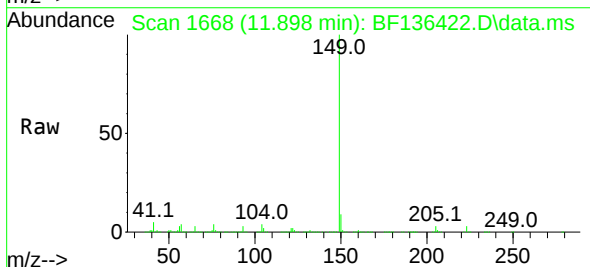
Tgt Ion:167 Resp: 1181980
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 13.0 10.2 15.4

Manual Integrations
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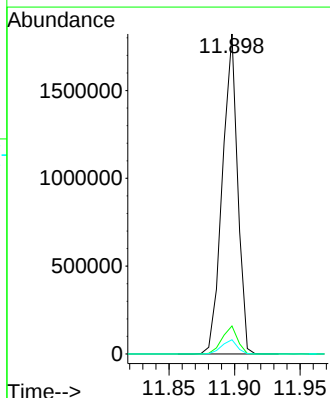
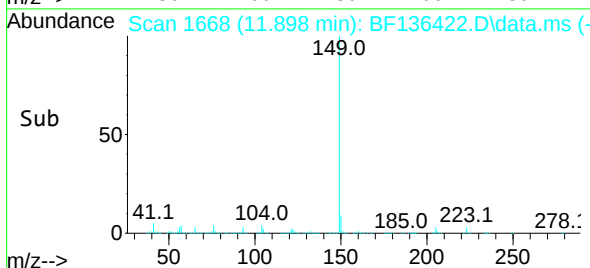
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

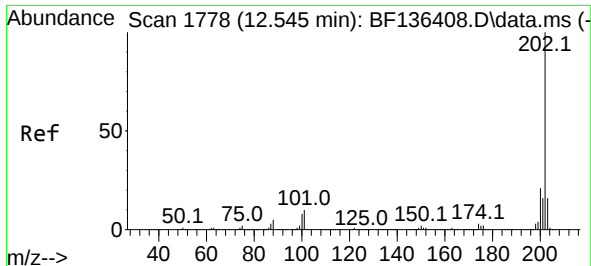


#74
 Di-n-butylphthalate
 Concen: 44.893 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF136422.D
 Acq: 06 Dec 2023 11:41



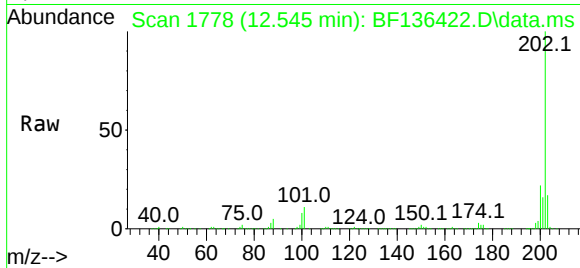
Tgt Ion:149 Resp: 1471637
 Ion Ratio Lower Upper
 149 100
 150 8.7 6.9 10.3
 104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 43.936 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

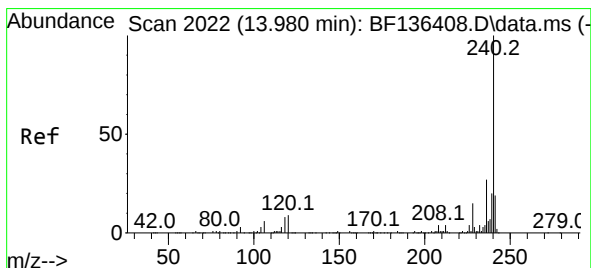
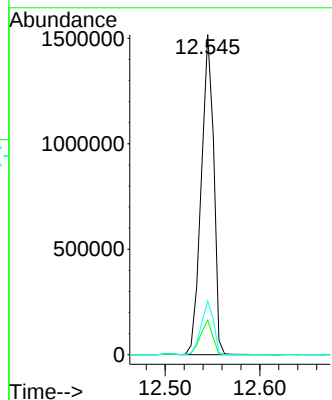
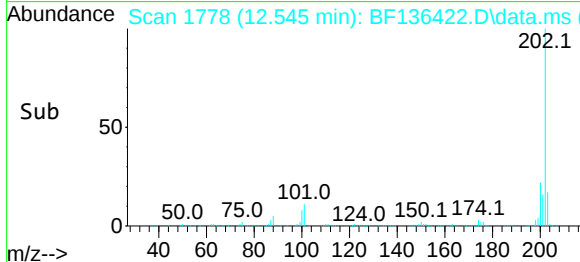
Instrument :
BNA_F
ClientSampleId :
PB157066BS



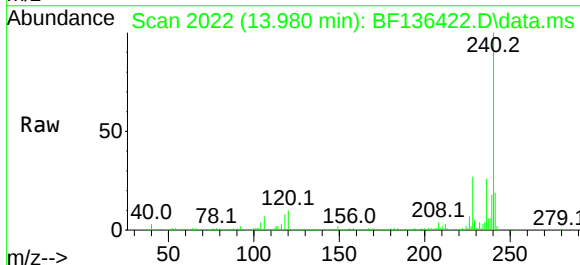
Tgt Ion:202 Resp: 1381072
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.9
203 16.7 0.0 36.3

Manual Integrations
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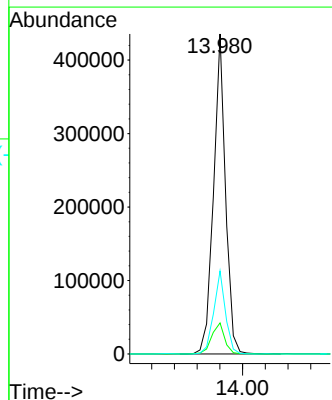
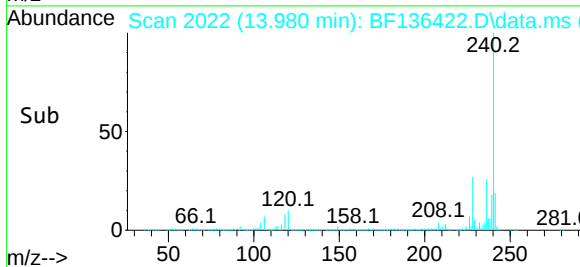
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

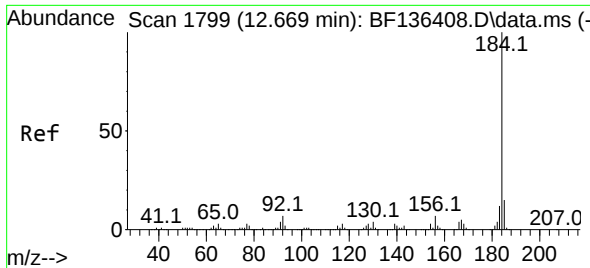


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



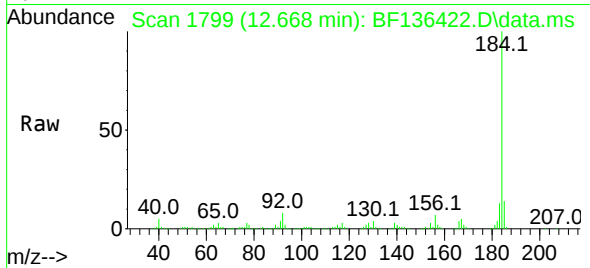
Tgt Ion:240 Resp: 318158
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.0 21.3 31.9





#77
Benzidine
Concen: 34.071 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

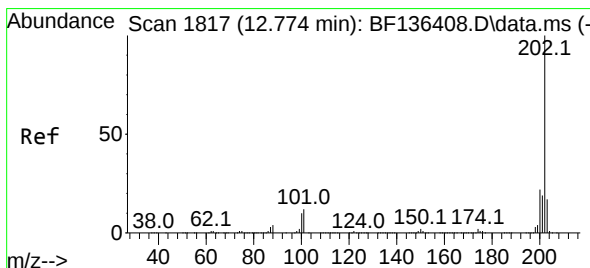
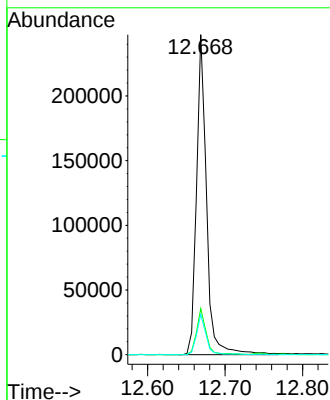
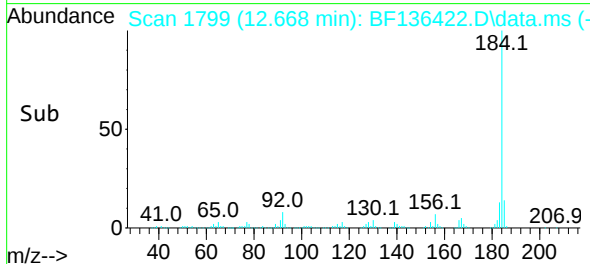
Instrument :
BNA_F
ClientSampleId :
PB157066BS



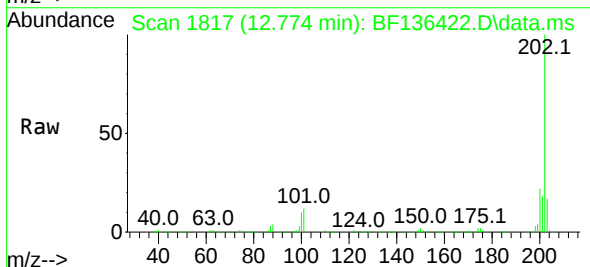
Tgt Ion:184 Resp: 22269
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 12.6 9.4 14.0

Manual Integrations
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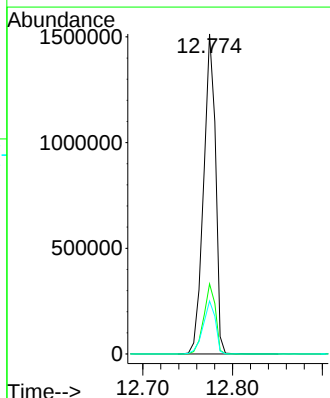
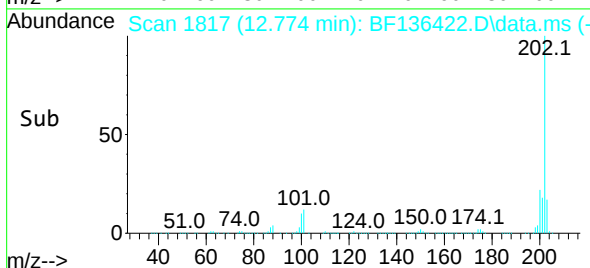
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

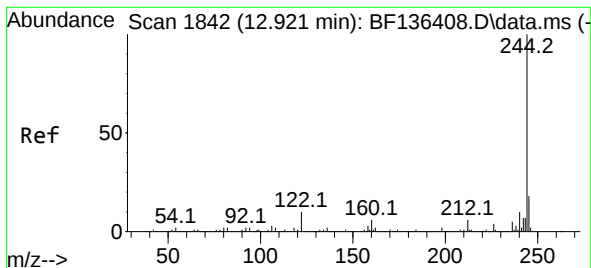


#78
Pyrene
Concen: 44.702 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:202 Resp: 1392879
Ion Ratio Lower Upper
202 100
200 21.9 18.0 27.0
203 16.5 13.5 20.3





#79

Terphenyl-d14

Concen: 86.254 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF136422.D

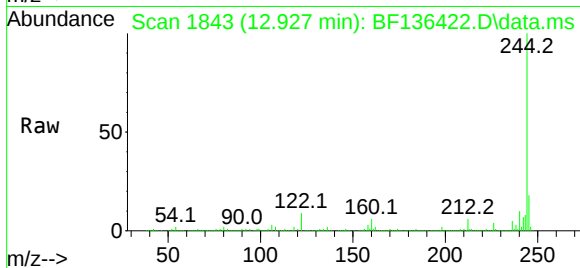
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS



Tgt Ion:244 Resp: 208205

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

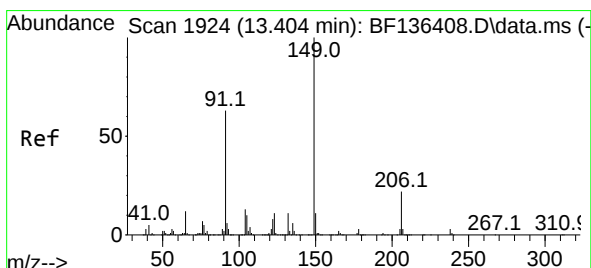
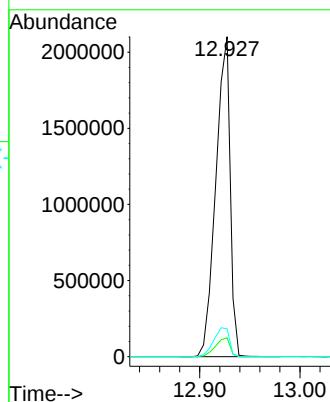
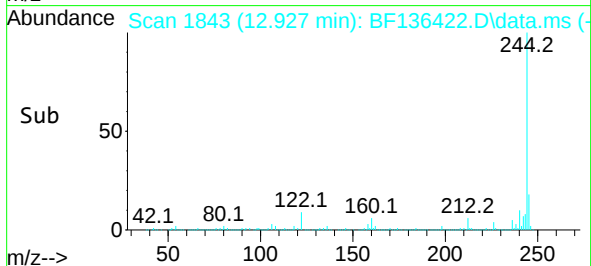
122 8.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#80

Butylbenzylphthalate

Concen: 47.948 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

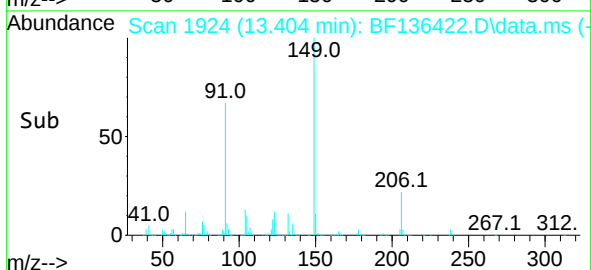
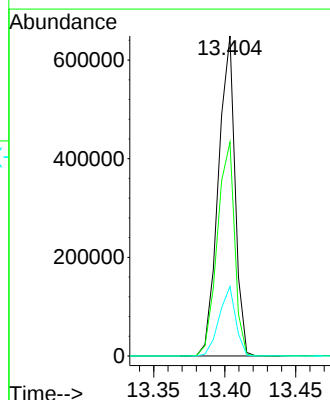
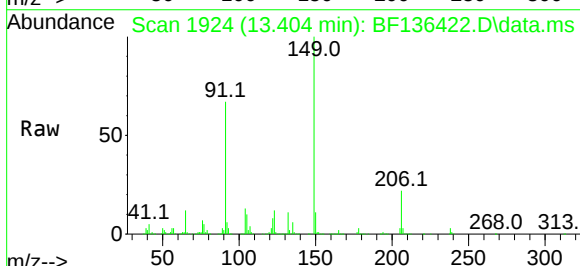
Tgt Ion:149 Resp: 531841

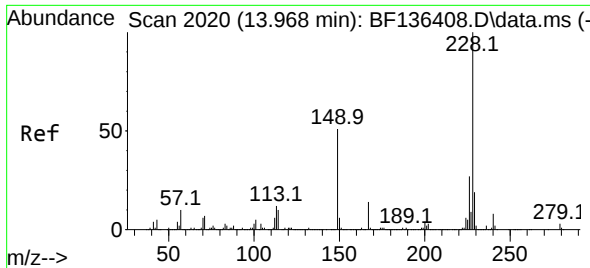
Ion Ratio Lower Upper

149 100

91 66.8 50.5 75.7

206 21.7 17.4 26.2





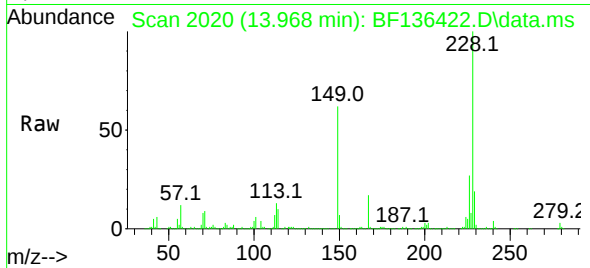
#81
Benzo(a)anthracene
Concen: 44.930 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

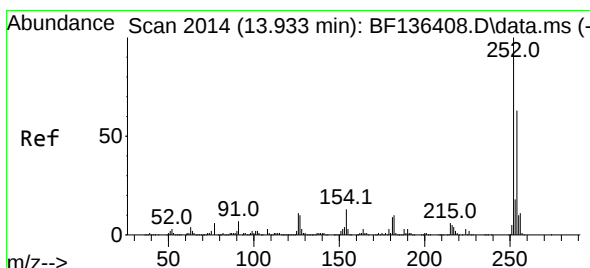
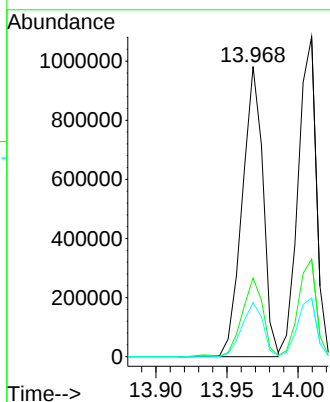
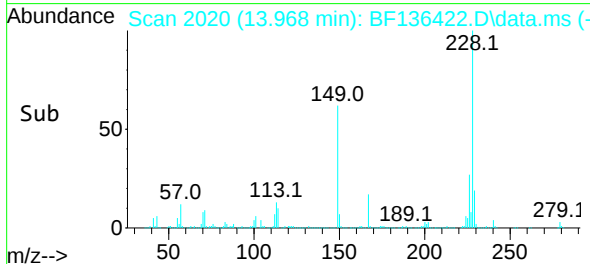


Tgt Ion:228 Resp: 995719
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 18.6 15.0 22.4

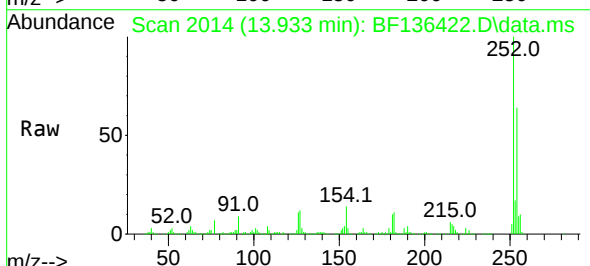
Manual Integrations

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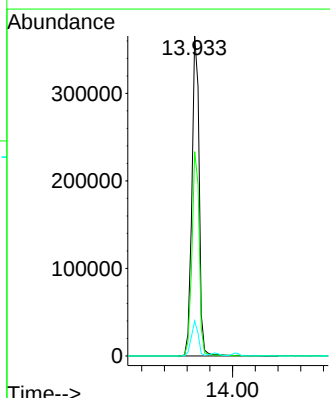
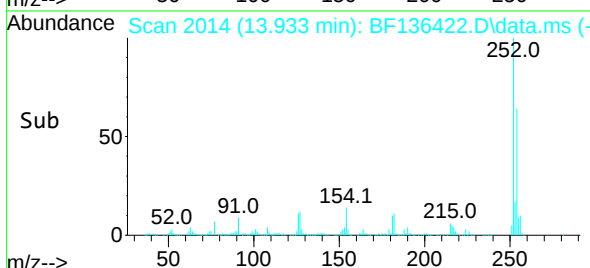
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 52.346 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41



Tgt Ion:252 Resp: 325260
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 11.0 8.6 12.8





#83

Chrysene

Concen: 44.069 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

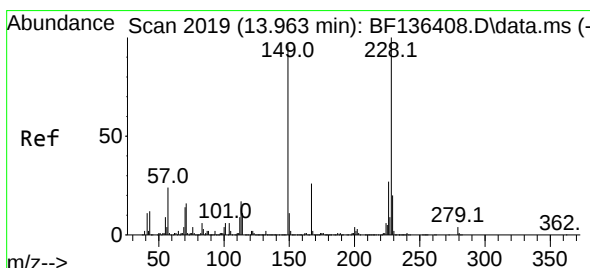
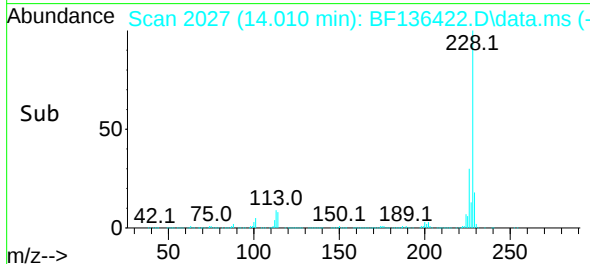
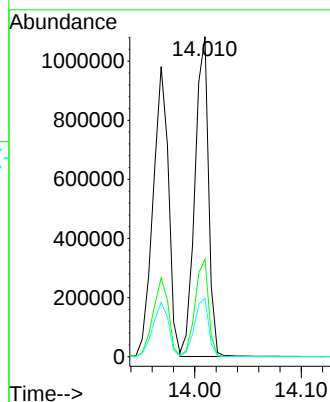
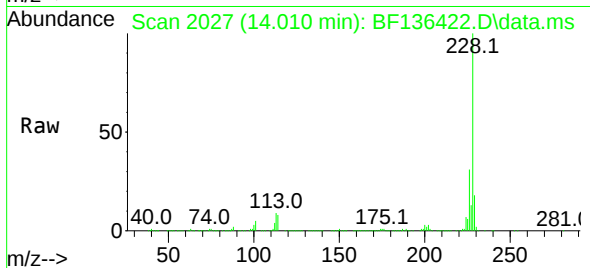
PB157066BS

Tgt Ion:228 Resp: 960875
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.8 35.6
 229 18.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.743 ng

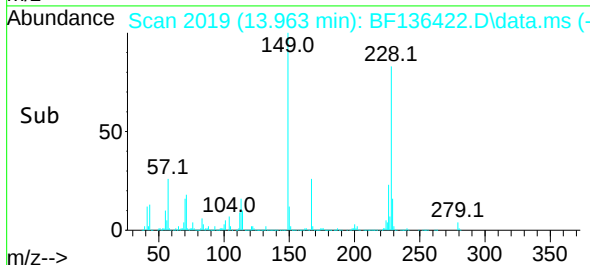
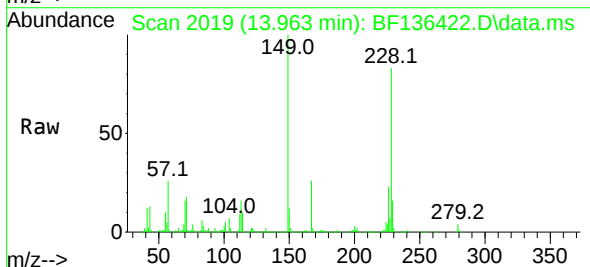
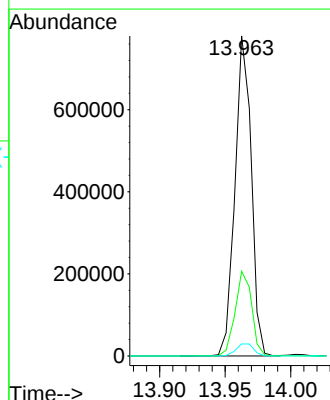
RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Tgt Ion:149 Resp: 676405
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.2 31.8
 279 3.8 3.1 4.7





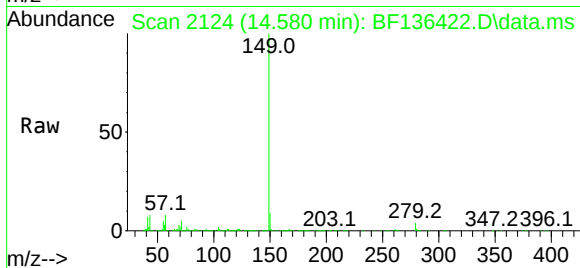
#85
Di-n-octyl phthalate
Concen: 52.207 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS

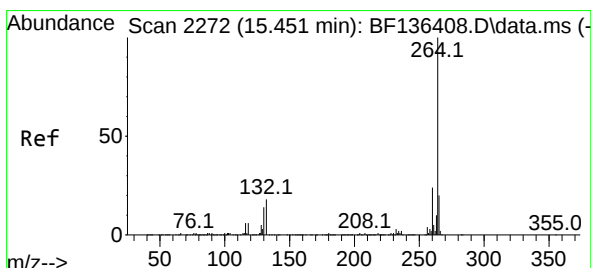
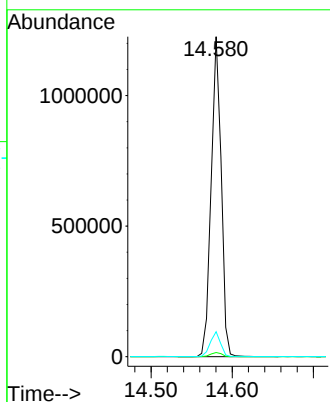
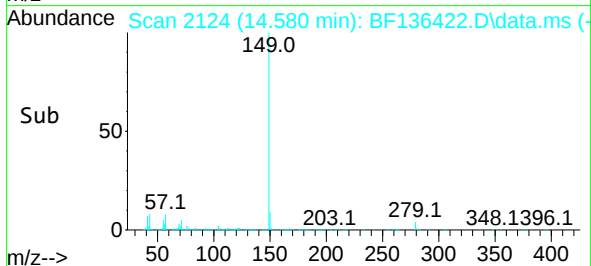


Tgt Ion:149 Resp: 1048609
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.9 6.8 10.2

Manual Integrations

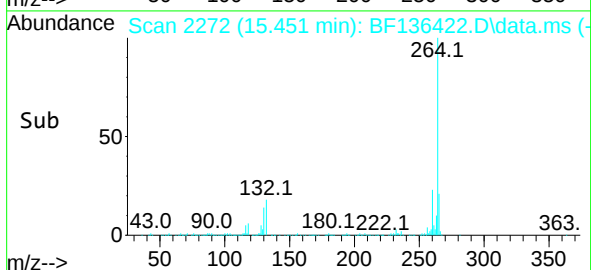
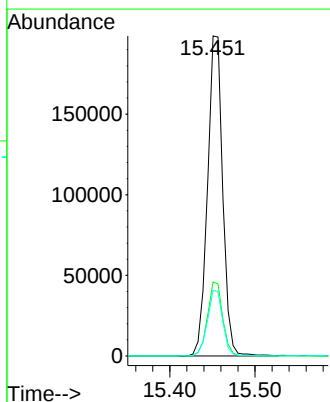
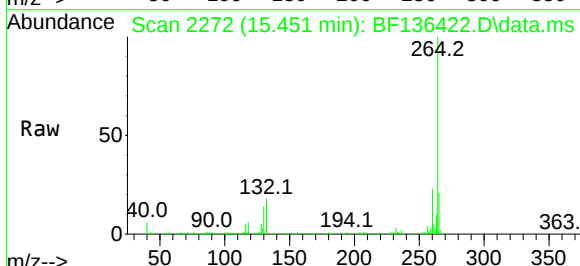
APPROVED

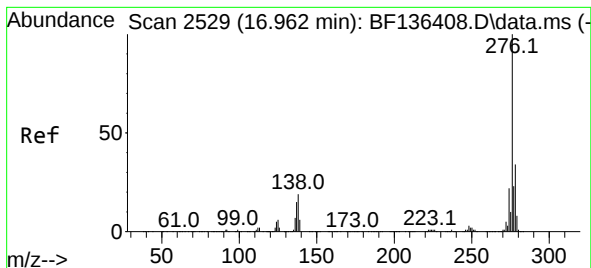
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:264 Resp: 245970
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.5 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.534 ng

RT: 16.962 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

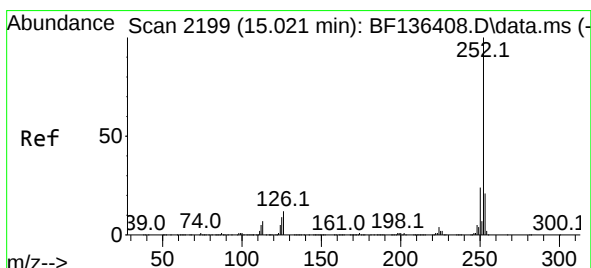
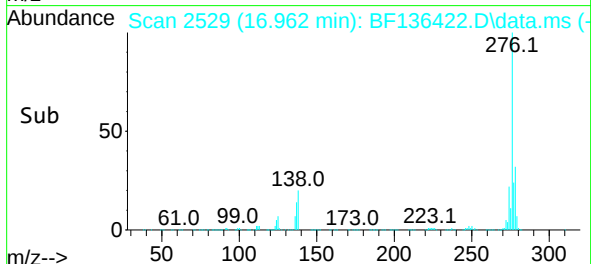
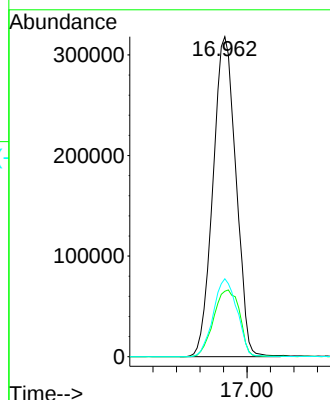
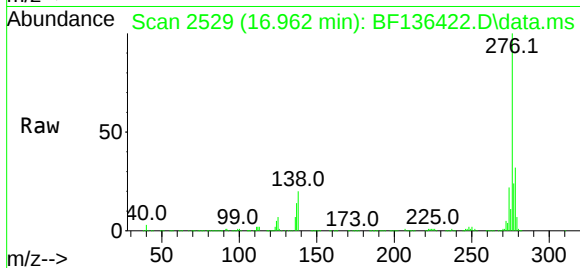
PB157066BS

Tgt Ion:	276	Resp:	86352
Ion Ratio	Lower	Upper	
276	100		
138	23.7	19.0	28.4
277	25.3	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#88

Benzo(b)fluoranthene

Concen: 49.685 ng

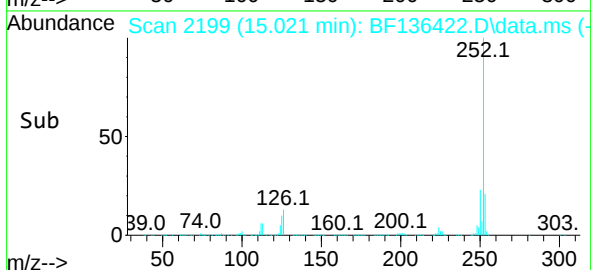
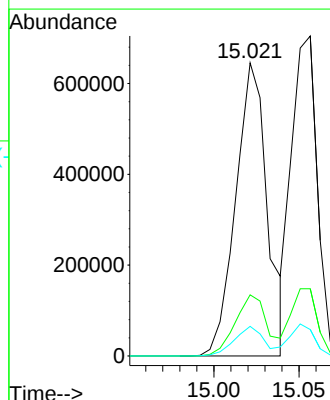
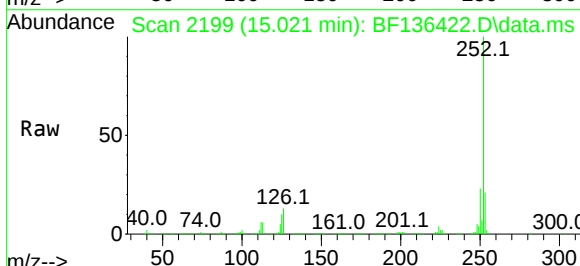
RT: 15.021 min Scan# 2199

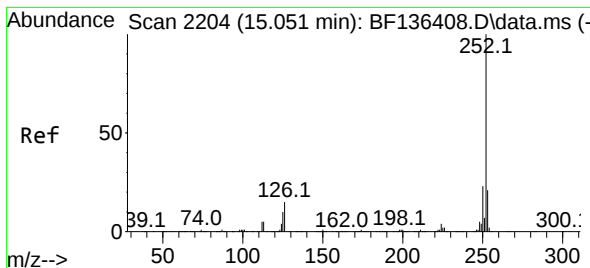
Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

Tgt Ion:	252	Resp:	835574
Ion Ratio	Lower	Upper	
252	100		
253	20.8	16.9	25.3
125	10.1	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 47.050 ng

RT: 15.057 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136422.D

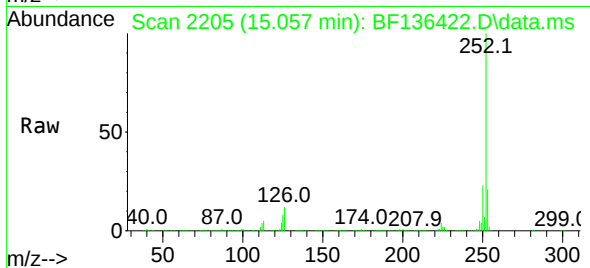
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

ClientSampleId :

PB157066BS



Tgt Ion:252 Resp: 745700

Ion Ratio Lower Upper

252 100

253 21.0 16.9 25.3

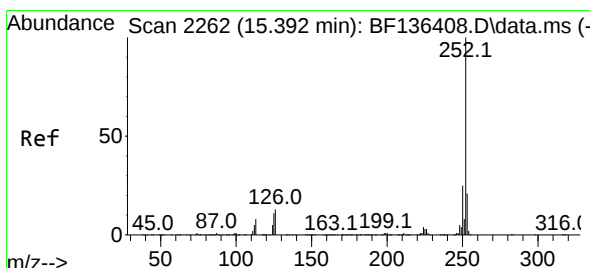
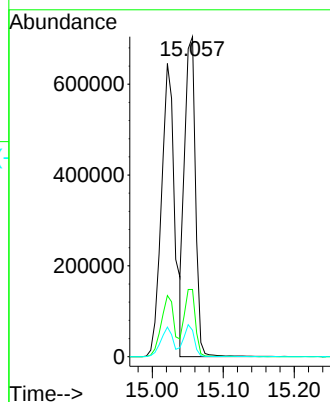
125 8.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#90

Benzo(a)pyrene

Concen: 48.381 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF136422.D

Acq: 06 Dec 2023 11:41

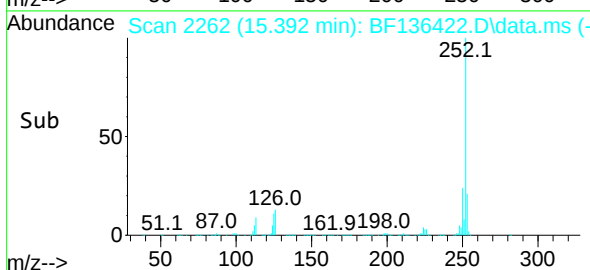
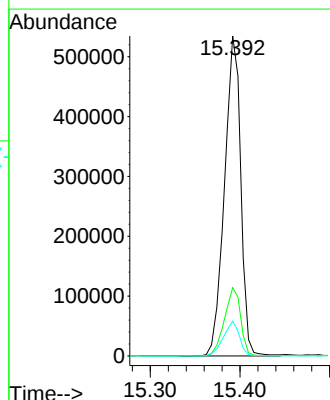
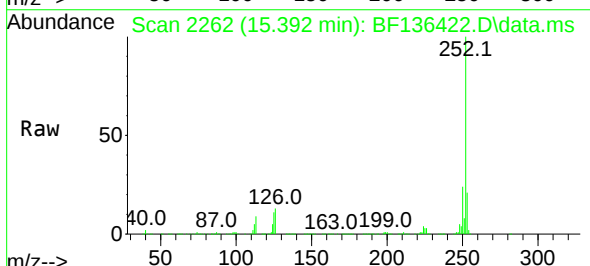
Tgt Ion:252 Resp: 671944

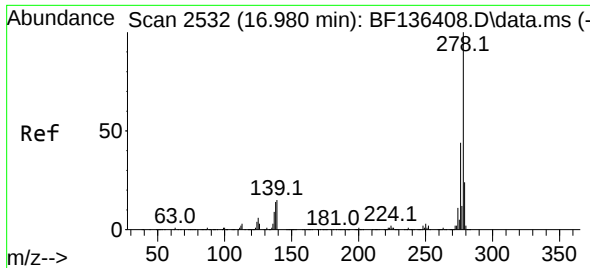
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 51.646 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Instrument :

BNA_F

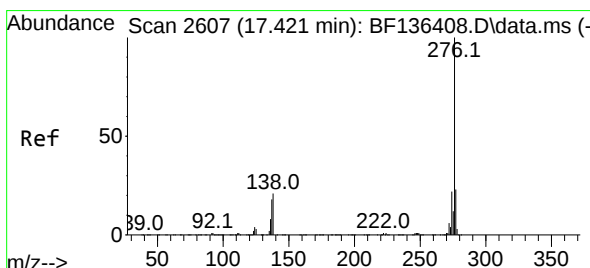
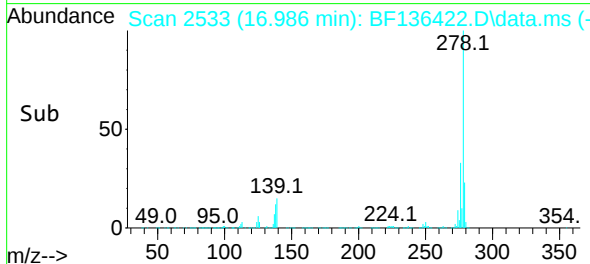
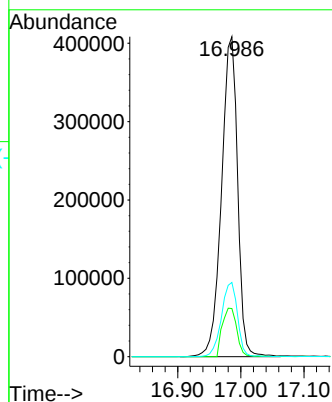
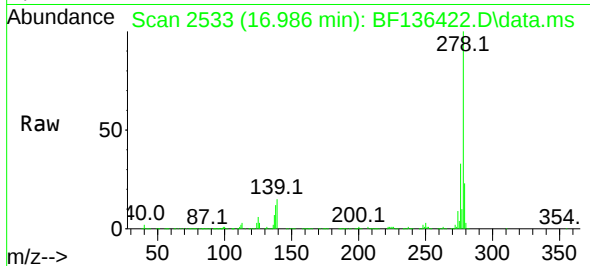
ClientSampleId :

PB157066BS

Tgt Ion:278 Resp: 72300
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#92
Benzo(g,h,i)perylene
Concen: 50.102 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF136422.D
Acq: 06 Dec 2023 11:41

Tgt Ion:276 Resp: 719903
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 20.7 16.6 25.0

