

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136369.D
 Acq On : 02 Dec 2023 09:26
 Operator : CG\JU
 Sample : 05562-01DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 03 07:24:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	115599	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	384814	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	146869	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	268232	20.000	ng	0.00
76) Chrysene-d12	13.986	240	251765	20.000	ng	0.00
86) Perylene-d12	15.468	264	197839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	144598	17.410	ng	0.00
7) Phenol-d6	6.434	99	166876	16.069	ng	-0.01
23) Nitrobenzene-d5	7.363	82	97141	13.340	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	30938	17.230	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	166837	14.510	ng	-0.01
79) Terphenyl-d14	12.921	244	194489	8.911	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	25393	8.080	ng	97
3) Pyridine	3.363	79	55017	7.092	ng	94
4) n-Nitrosodimethylamine	3.298	42	26395	6.731	ng	80
6) Aniline	6.469	93	40299	4.106	ng	95
8) 2-Chlorophenol	6.586	128	66768	7.383	ng	96
9) Benzaldehyde	6.357	77	28331	4.895	ng	93
10) Phenol	6.445	94	75351	6.763	ng	93
11) bis(2-Chloroethyl)ether	6.539	93	64416	7.881	ng	95
12) 1,3-Dichlorobenzene	6.745	146	74167	7.227	ng	98
13) 1,4-Dichlorobenzene	6.822	146	76354	7.319	ng	95
14) 1,2-Dichlorobenzene	6.975	146	70518	7.140	ng	96
15) Benzyl Alcohol	6.945	79	43752	6.009	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.081	45	82394	7.258	ng	94
17) 2-Methylphenol	7.057	107	50332	7.079	ng	95
18) Hexachloroethane	7.316	117	23738	6.487	ng	89
19) n-Nitroso-di-n-propyla...	7.210	70	42893	6.906	ng	92
20) 3+4-Methylphenols	7.210	107	58643	6.347	ng	# 71
22) Acetophenone	7.210	105	93167	9.219	ng	# 88
24) Nitrobenzene	7.381	77	59101	8.009	ng	93
25) Isophorone	7.616	82	109250	8.320	ng	99
26) 2-Nitrophenol	7.698	139	26424	8.404	ng	96
27) 2,4-Dimethylphenol	7.733	122	40738	9.844	ng	93
28) bis(2-Chloroethoxy)met...	7.833	93	66643	8.391	ng	93
29) 2,4-Dichlorophenol	7.939	162	40005	7.167	ng	95
30) 1,2,4-Trichlorobenzene	8.022	180	53369	7.809	ng	95
31) Naphthalene	8.104	128	169454	7.834	ng	96
32) Benzoic acid	7.792	122	22438m	5.949	ng	
33) 4-Chloroaniline	8.151	127	26568	3.614	ng	97
34) Hexachlorobutadiene	8.222	225	33809	8.456	ng	97
35) Caprolactam	8.486	113	11262	7.217	ng	93
36) 4-Chloro-3-methylphenol	8.633	107	37094	6.127	ng	# 90
37) 2-Methylnaphthalene	8.792	142	98611	7.268	ng	90
38) 1-Methylnaphthalene	8.892	142	91185	6.889	ng	90
40) 1,2,4,5-Tetrachloroben...	8.957	216	46743	10.000	ng	97
41) Hexachlorocyclopentadiene	8.945	237	5535	3.078	ng	93
43) 2,4,6-Trichlorophenol	9.075	196	23399	7.713	ng	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	24654	7.447	ng	98
46) 1,1'-Biphenyl	9.257	154	121783	9.403	ng	95
47) 2-Chloronaphthalene	9.280	162	84692	8.420	ng	94
48) 2-Nitroaniline	9.380	65	20792	7.918	ng #	85
49) Acenaphthylene	9.698	152	126370	8.804	ng	97
50) Dimethylphthalate	9.557	163	94687	8.530	ng #	97
51) 2,6-Dinitrotoluene	9.622	165	18512	8.163	ng	91
52) Acenaphthene	9.869	154	75997	8.378	ng	90
53) 3-Nitroaniline	9.786	138	10956	4.869	ng	99
55) Dibenzofuran	10.045	168	108443	8.034	ng	97
56) 4-Nitrophenol	9.951	139	24666	14.433	ng	92
57) 2,4-Dinitrotoluene	10.022	165	22276	7.354	ng #	89
58) Fluorene	10.386	166	87404	8.256	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.163	232	20210	7.672	ng #	98
60) Diethylphthalate	10.263	149	87710	7.899	ng #	93
61) 4-Chlorophenyl-phenyle...	10.380	204	43250	8.412	ng	97
62) 4-Nitroaniline	10.398	138	16803	7.629	ng	94
63) Azobenzene	10.539	77	76425	7.424	ng	96
66) n-Nitrosodiphenylamine	10.498	169	73497	8.550	ng	90
67) 4-Bromophenyl-phenylether	10.874	248	24333	7.776	ng	92
68) Hexachlorobenzene	10.933	284	28724	7.931	ng #	88
69) Atrazine	11.027	200	26118	10.243	ng	95
70) Pentachlorophenol	11.133	266	32206	15.731	ng	96
71) Phenanthrene	11.357	178	136314	9.042	ng	96
72) Anthracene	11.404	178	135913	8.990	ng	96
73) Carbazole	11.563	167	114360	8.894	ng	96
74) Di-n-butylphthalate	11.904	149	456798	28.393	ng	98
75) Fluoranthene	12.545	202	176421	11.527	ng	94
77) Benzidine	12.680	184	43555	10.524	ng #	96
78) Pyrene	12.780	202	179037	6.493	ng	94
80) Butylbenzylphthalate	13.410	149	67076	7.817	ng	93
81) Benzo(a)anthracene	13.974	228	169394	9.058	ng	97
82) 3,3'-Dichlorobenzidine	13.939	252	26394	5.863	ng	94
83) Chrysene	14.010	228	153381	8.495	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	98313	9.546	ng #	92
85) Di-n-octyl phthalate	14.592	149	178574	14.691	ng #	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	87865	8.289	ng	95
88) Benzo(b)fluoranthene	15.027	252	131199	9.452	ng	97
89) Benzo(k)fluoranthene	15.057	252	113236	8.590	ng	96
90) Benzo(a)pyrene	15.398	252	96709	8.523	ng #	95
91) Dibenzo(a,h)anthracene	16.992	278	71419	8.391	ng	96
92) Benzo(g,h,i)perylene	17.421	276	72828	7.773	ng	98

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

Manual Integrations

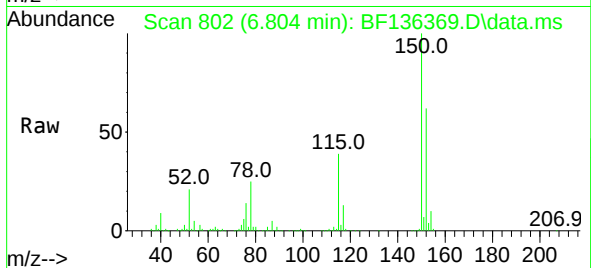
Quant Time: Dec 03 07:24:07 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

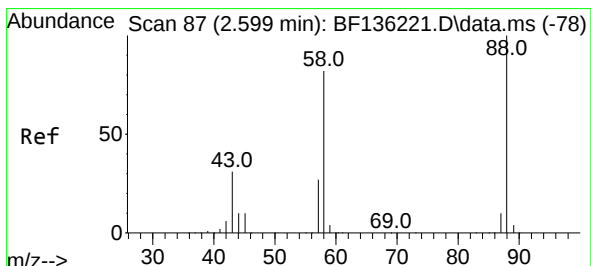
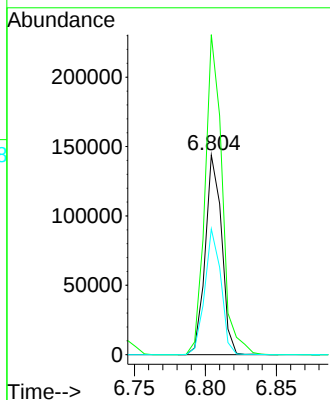
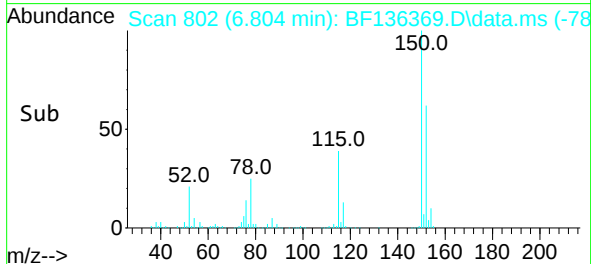
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



Tgt Ion:152 Resp: 11559
Ion Ratio Lower Upper
152 100
150 160.2 137.8 206.8
115 63.0 52.7 79.1

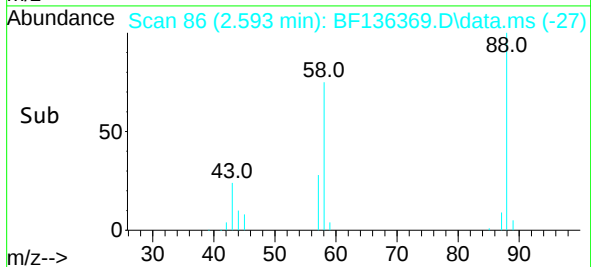
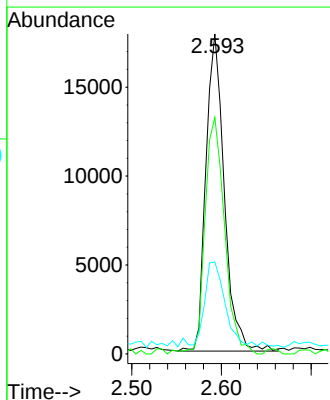
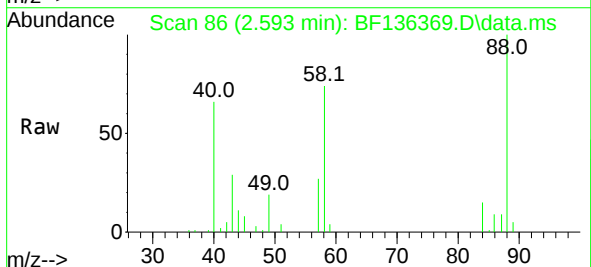
Manual Integrations
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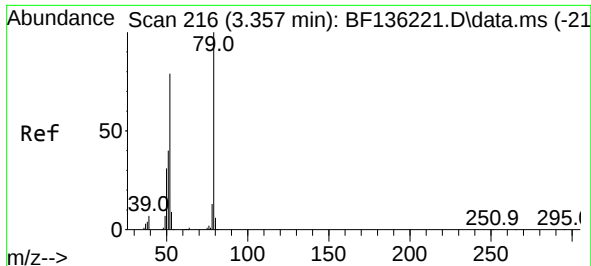
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#2
1,4-Dioxane
Concen: 8.080 ng
RT: 2.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

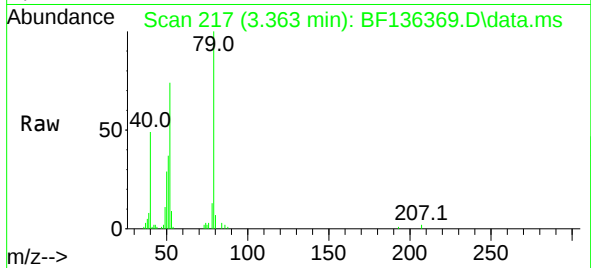
Tgt Ion: 88 Resp: 25393
Ion Ratio Lower Upper
88 100
58 79.7 65.9 98.9
43 28.7 24.8 37.2





#3
 Pyridine
 Concen: 7.092 ng
 RT: 3.363 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: BF136369.D
 Acq: 02 Dec 2023 09:26

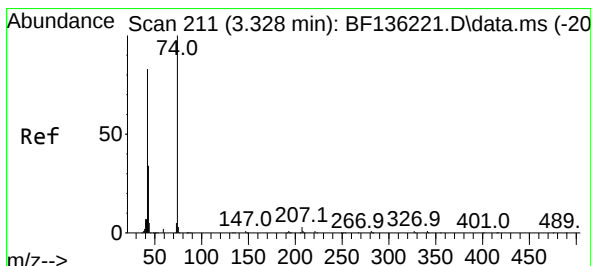
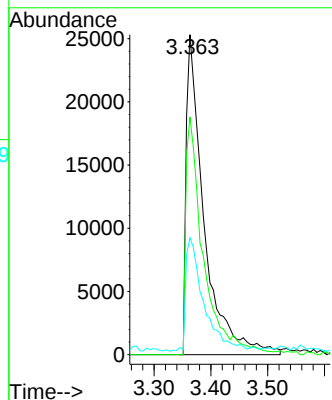
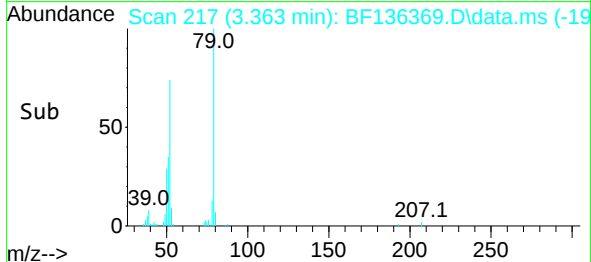
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823DL



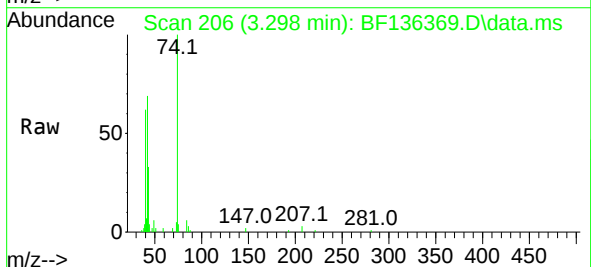
Tgt Ion: 79 Resp: 5501
 Ion Ratio Lower Upper
 79 100
 52 74.3 63.2 94.8
 51 36.6 32.6 49.0

Manual Integrations
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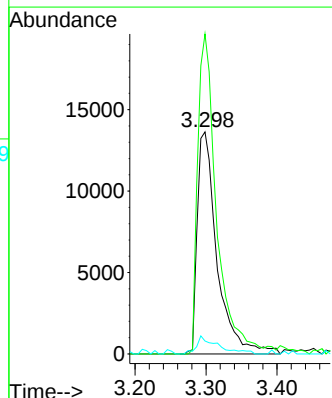
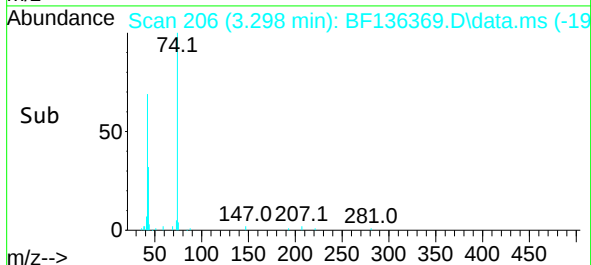
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

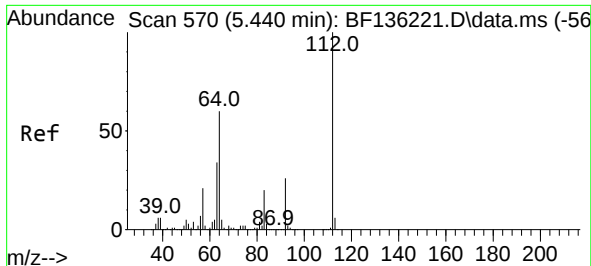


#4
 n-Nitrosodimethylamine
 Concen: 6.731 ng
 RT: 3.298 min Scan# 206
 Delta R.T. -0.029 min
 Lab File: BF136369.D
 Acq: 02 Dec 2023 09:26



Tgt Ion: 42 Resp: 26395
 Ion Ratio Lower Upper
 42 100
 74 144.1 96.6 144.8
 44 5.9 5.4 8.2





#5
2-Fluorophenol
Concen: 17.410 ng
RT: 5.434 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

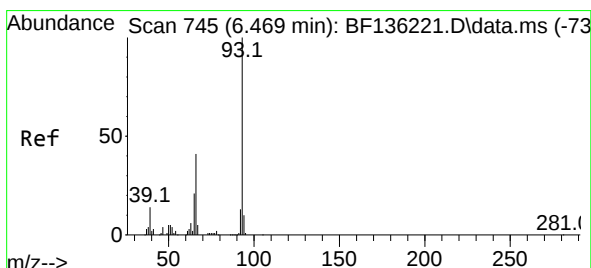
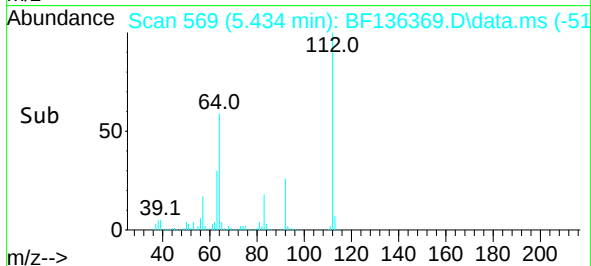
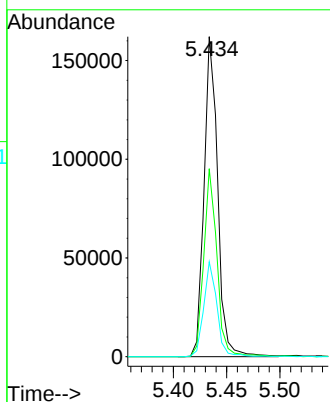
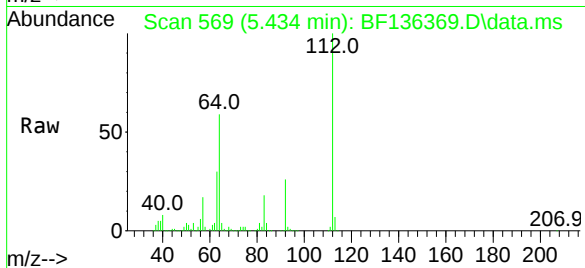
ClientSampleId :

SU-03-112823DL

Tgt Ion:112 Resp: 144598
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.4
63 29.7 27.0 40.6

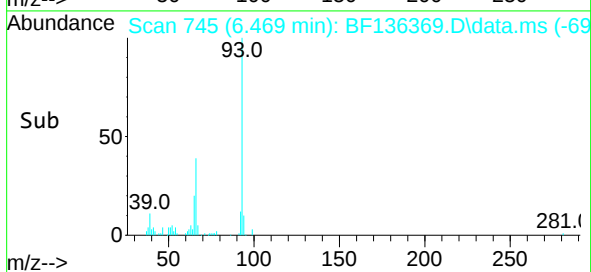
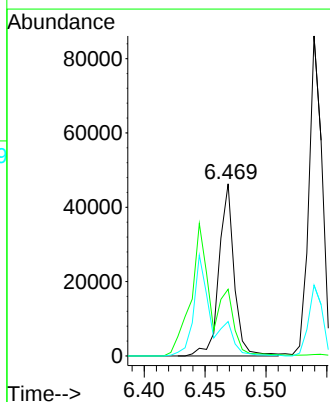
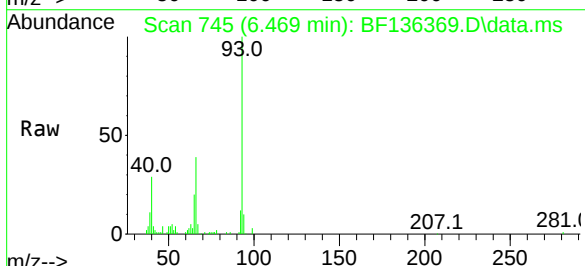
Manual Integrations
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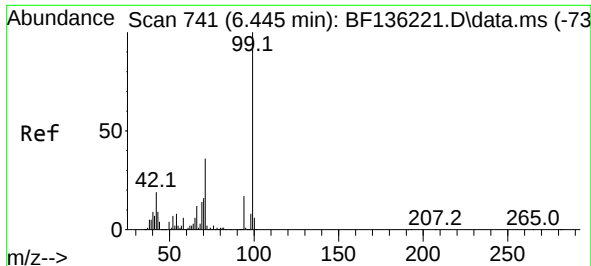
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#6
Aniline
Concen: 4.106 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

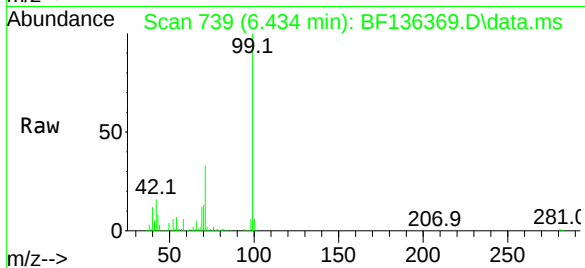
Tgt Ion: 93 Resp: 40299
Ion Ratio Lower Upper
93 100
66 38.7 34.1 51.1
65 19.9 17.3 25.9





#7
Phenol-d6
Concen: 16.069 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

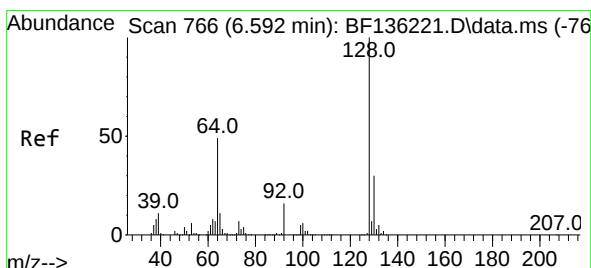
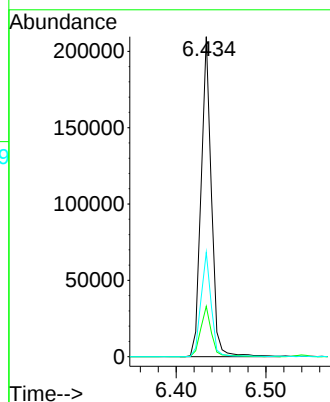
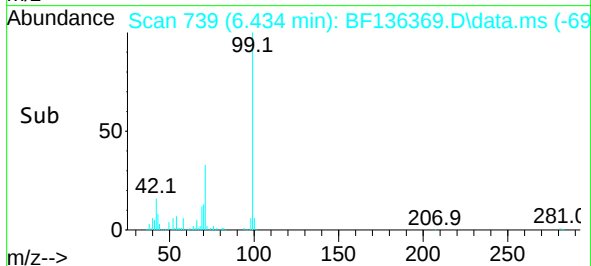
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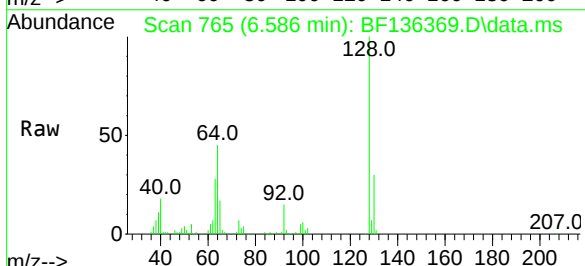
Tgt Ion: 99 Resp: 166870
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.6
71 32.6 28.9 43.3

Manual Integrations
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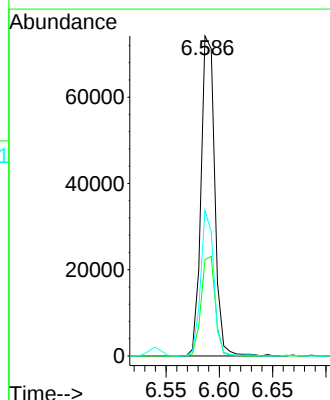
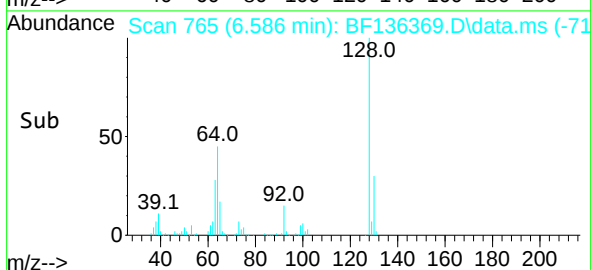
Reviewed By :Yogesh Patel 12/04/2023
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#8
2-Chlorophenol
Concen: 7.383 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



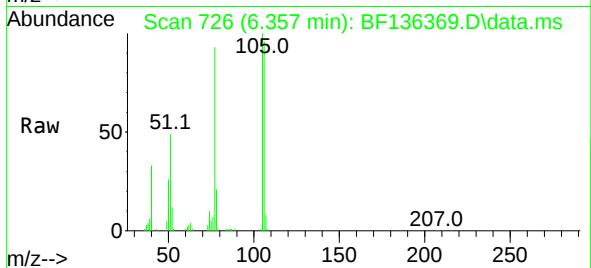
Tgt Ion:128 Resp: 66768
Ion Ratio Lower Upper
128 100
130 30.1 10.3 50.3
64 45.5 30.0 70.0





#9
Benzaldehyde
Concen: 4.895 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

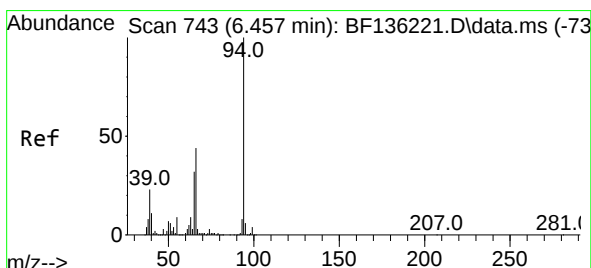
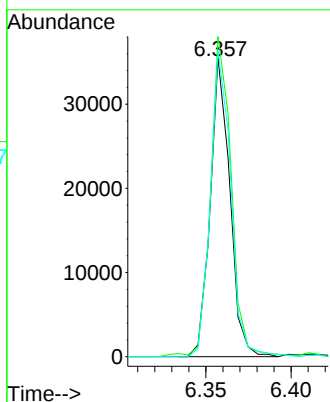
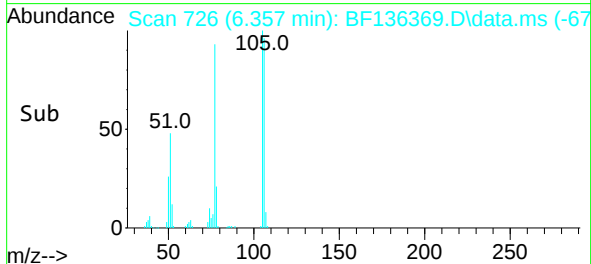
Instrument :
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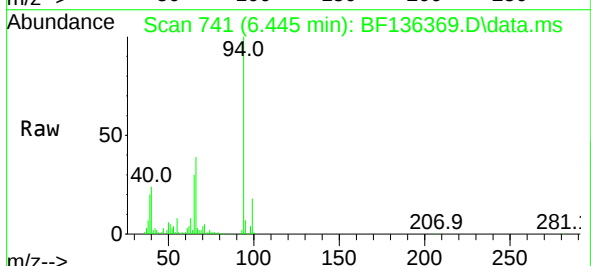
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Ion Ratio Lower Upper
77 100
105 107.0 84.3 124.3
106 102.4 71.0 111.0

Manual Integrations
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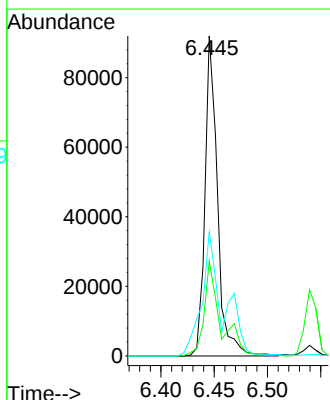
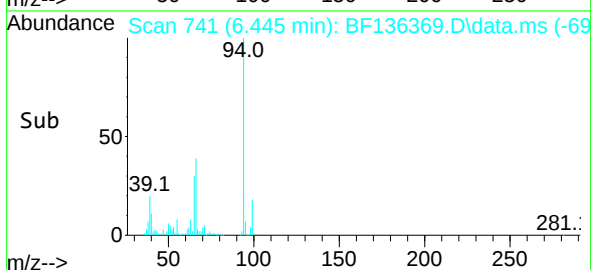
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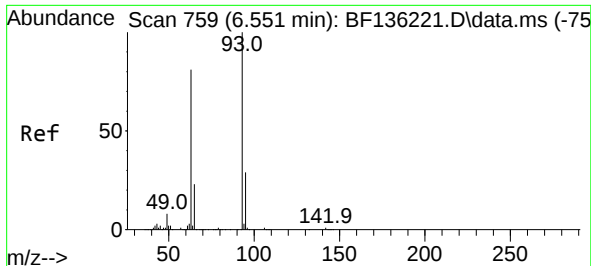


#10
Phenol
Concen: 6.763 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion: 94 Resp: 75351
Ion Ratio Lower Upper
94 100
65 29.5 12.5 52.5
66 38.7 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 7.881 ng

RT: 6.539 min Scan# 759

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

Tgt Ion: 93 Resp: 64410

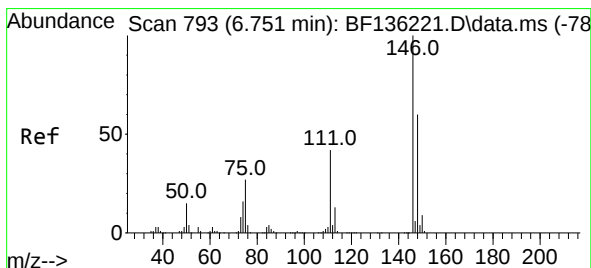
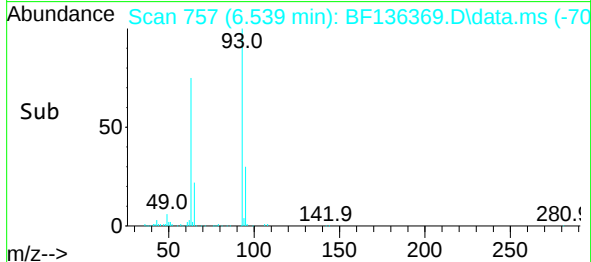
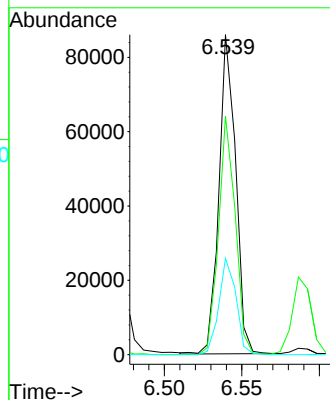
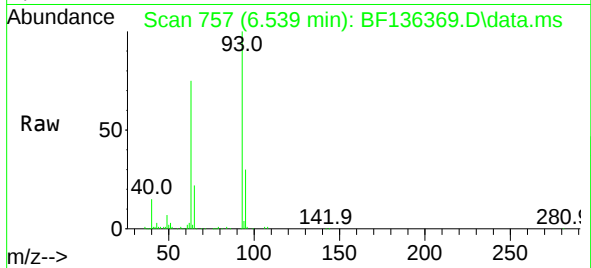
Ion	Ratio	Lower	Upper
93	100		
63	74.6	60.2	100.2
95	30.1	9.1	49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#12

1,3-Dichlorobenzene

Concen: 7.227 ng

RT: 6.745 min Scan# 792

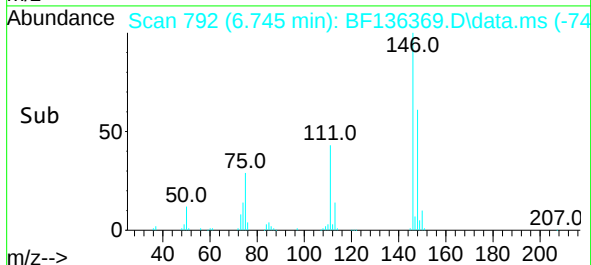
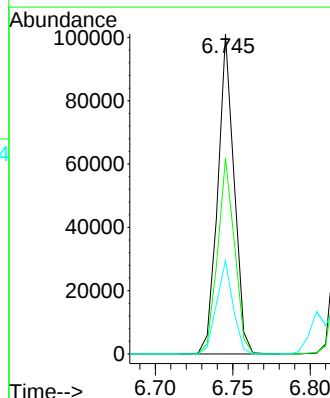
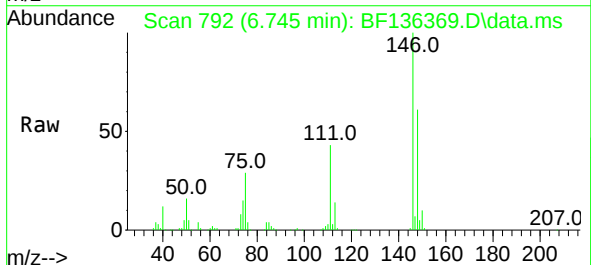
Delta R.T. -0.006 min

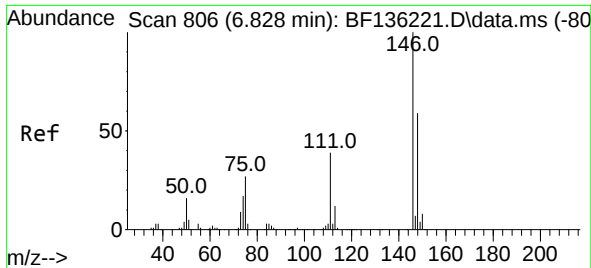
Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion:146 Resp: 74167

Ion	Ratio	Lower	Upper
146	100		
148	61.2	47.8	71.6
75	29.2	22.0	33.0





#13
1,4-Dichlorobenzene
Concen: 7.319 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

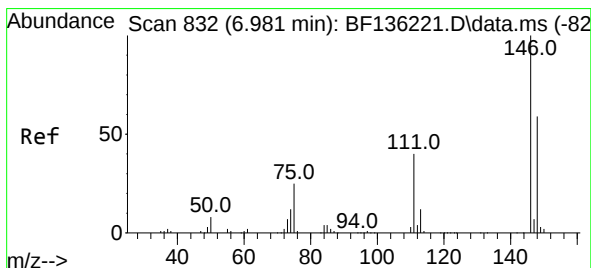
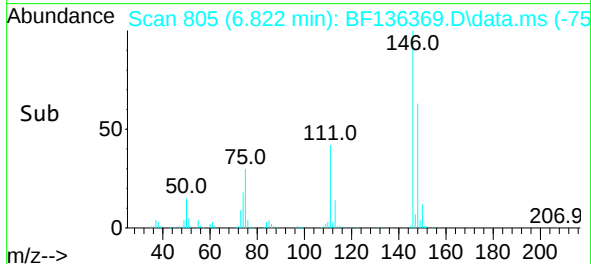
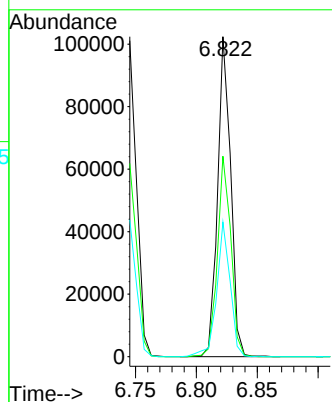
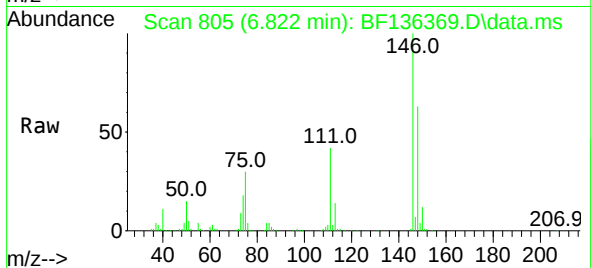
ClientSampleId :

SU-03-112823DL

Tgt Ion:146 Resp: 76354
Ion Ratio Lower Upper
146 100
148 62.7 47.0 70.6
111 42.1 31.5 47.3

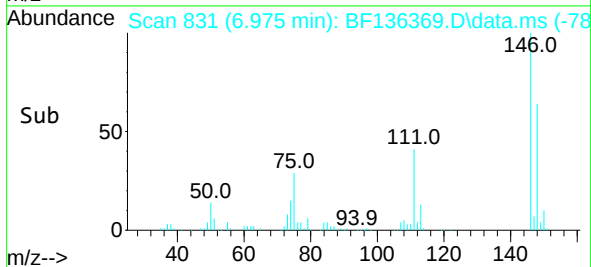
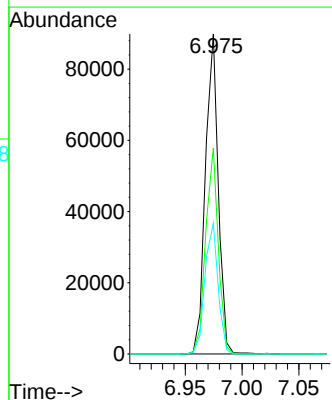
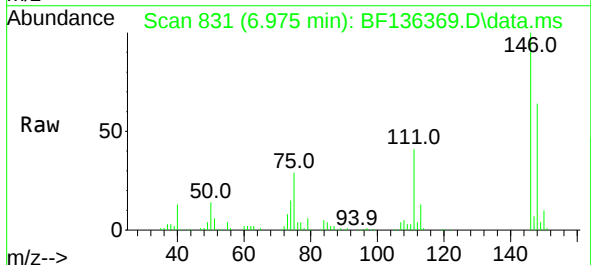
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#14
1,2-Dichlorobenzene
Concen: 7.140 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:146 Resp: 70518
Ion Ratio Lower Upper
146 100
148 64.4 47.3 70.9
111 40.8 32.4 48.6





#15
Benzyl Alcohol
Concen: 6.009 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

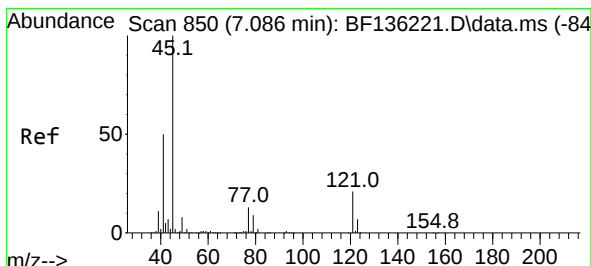
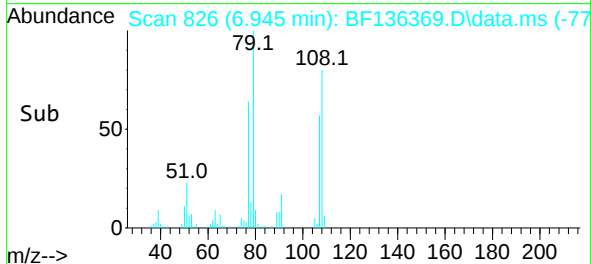
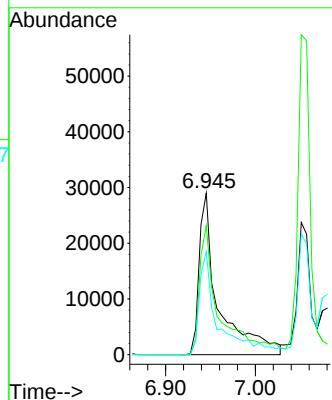
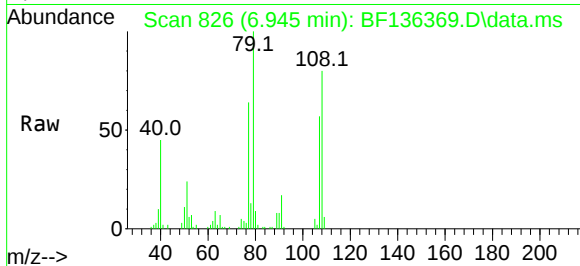
ClientSampleId :

SU-03-112823DL

Tgt Ion: 79 Resp: 43752
Ion Ratio Lower Upper
79 100
108 79.9 58.1 87.1
77 63.9 51.8 77.8

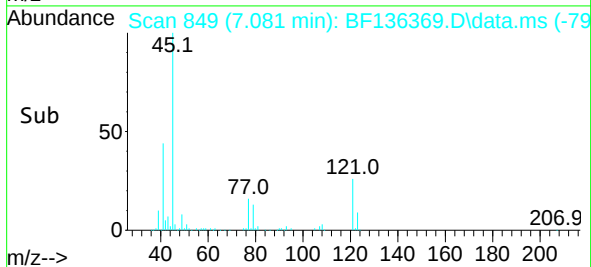
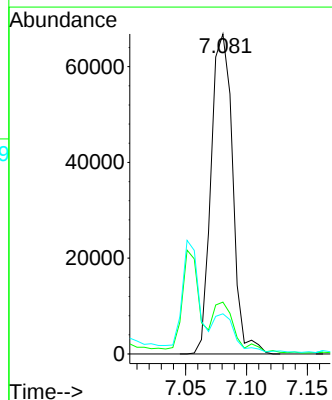
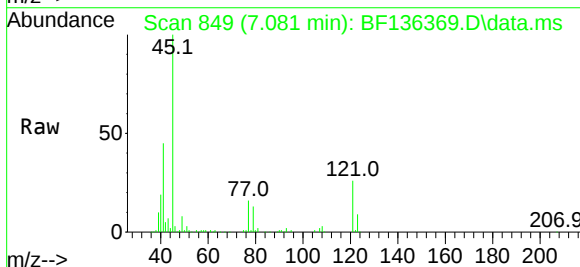
Manual Integrations
APPROVED

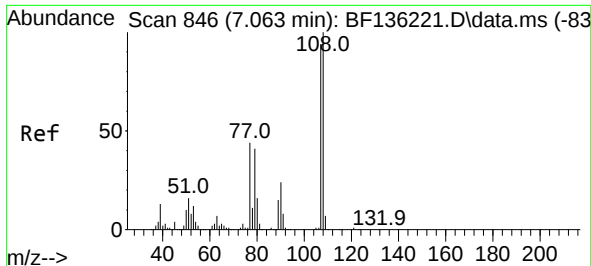
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.258 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion: 45 Resp: 82394
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.0
79 12.6 0.0 30.1





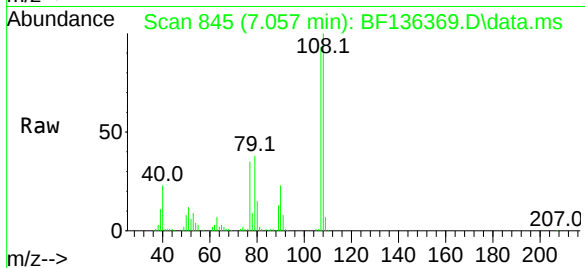
#17
2-Methylphenol
Concen: 7.079 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

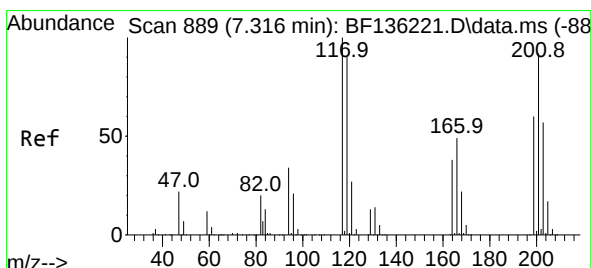
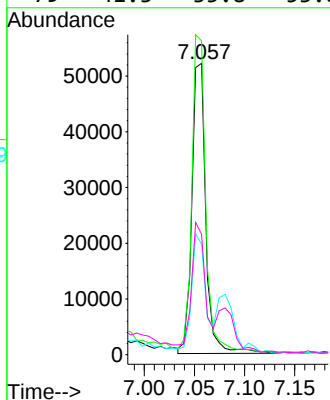
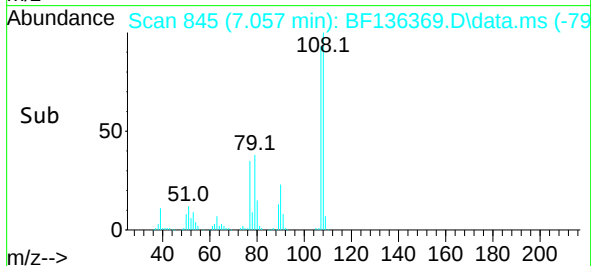


Tgt Ion:107 Resp: 50332
Ion Ratio Lower Upper
107 100
108 107.7 85.4 128.0
77 38.0 37.4 56.2
79 41.3 35.8 53.8

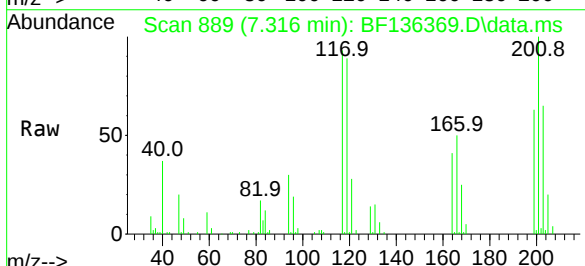
Manual Integrations

APPROVED

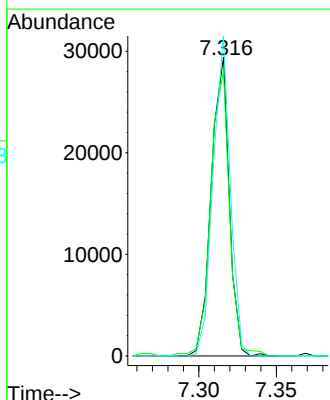
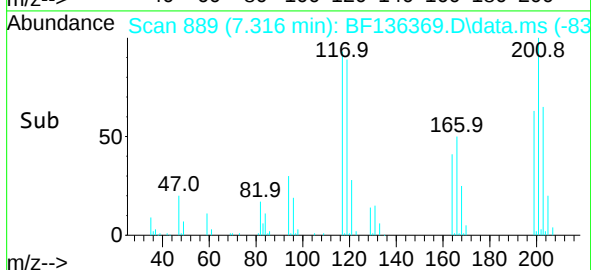
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

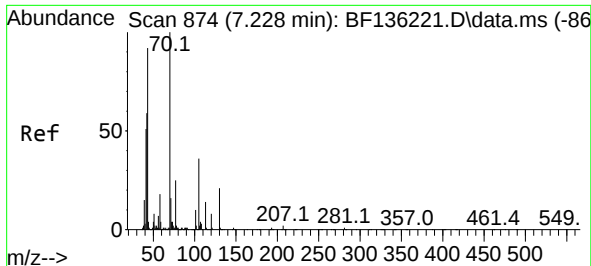


#18
Hexachloroethane
Concen: 6.487 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:117 Resp: 23738
Ion Ratio Lower Upper
117 100
119 95.4 71.6 107.4
201 107.1 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 6.906 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.018 min

Lab File: BF136369.D

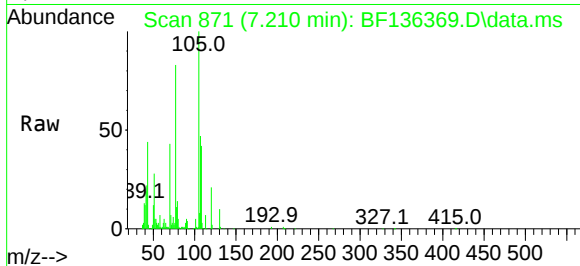
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



Tgt Ion: 70 Resp: 4289

Ion Ratio Lower Upper

70 100

42 51.6 47.0 70.4

101 11.3 7.8 11.8

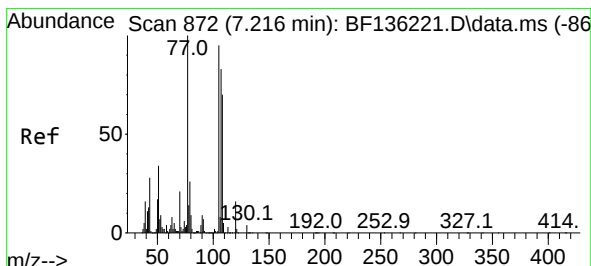
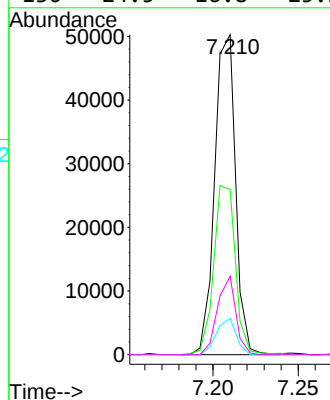
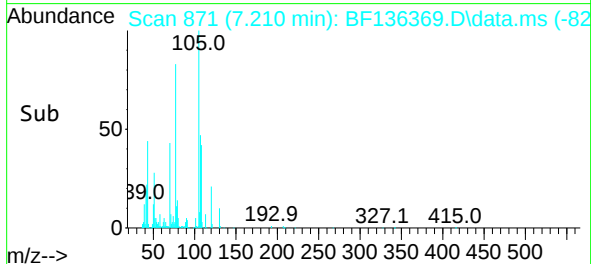
130 24.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#20

3+4-Methylphenols

Concen: 6.347 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion:107 Resp: 58643

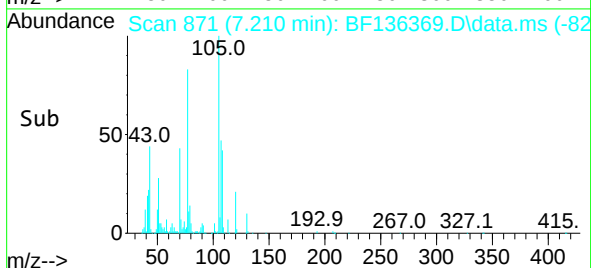
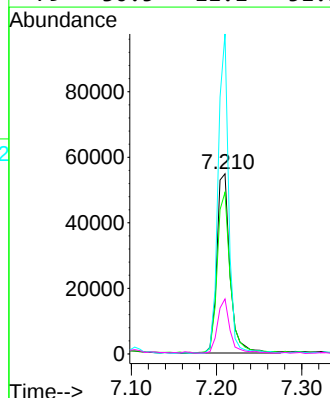
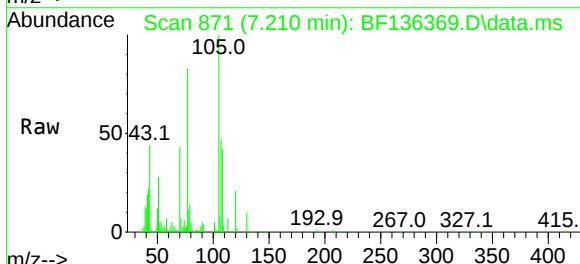
Ion Ratio Lower Upper

107 100

108 89.6 63.9 103.9

77 177.6 100.2 140.2#

79 30.5 11.1 51.1





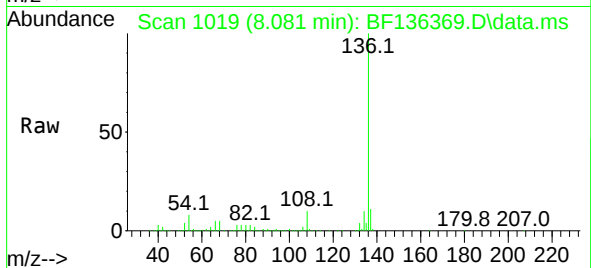
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

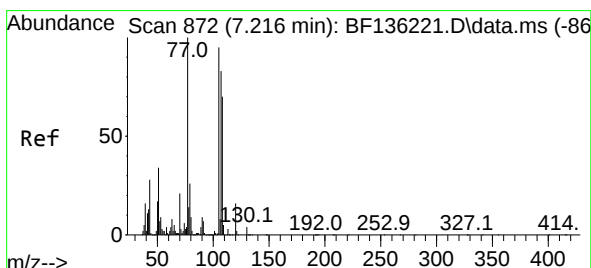
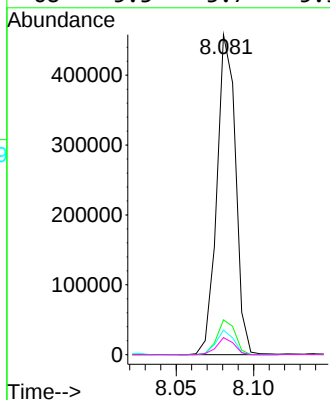
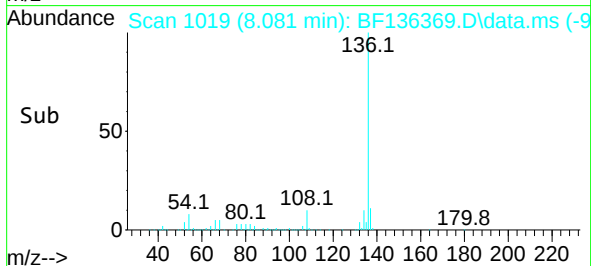


Tgt Ion:136 Resp: 384814
Ion Ratio Lower Upper
136 100
137 10.9 7.4 11.2
54 7.6 5.5 8.3
68 5.3 3.7 5.5

Manual Integrations

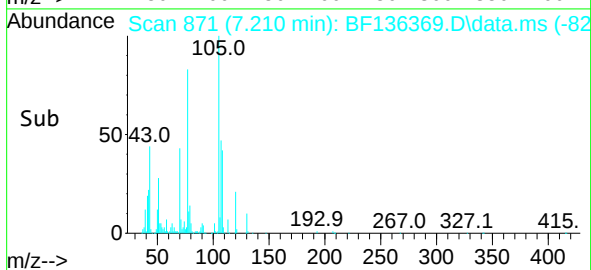
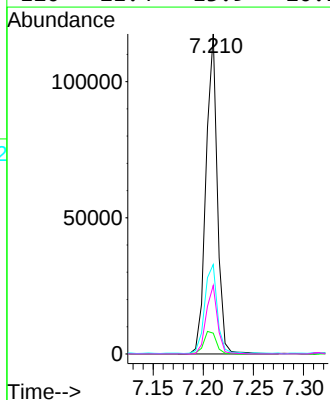
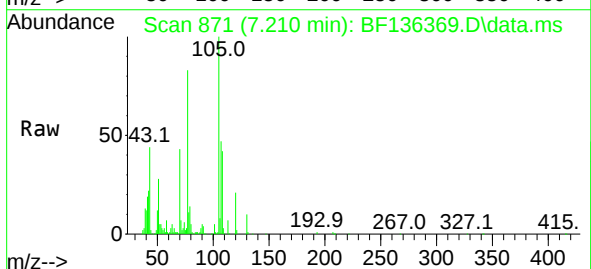
APPROVED

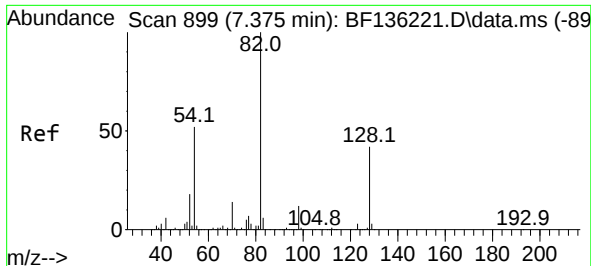
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#22
Acetophenone
Concen: 9.219 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:105 Resp: 93167
Ion Ratio Lower Upper
105 100
71 6.5 2.8 4.2#
51 28.0 29.0 43.6#
120 21.4 13.9 20.9#





#23

Nitrobenzene-d5

Concen: 13.340 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

Tgt Ion: 82 Resp: 9714

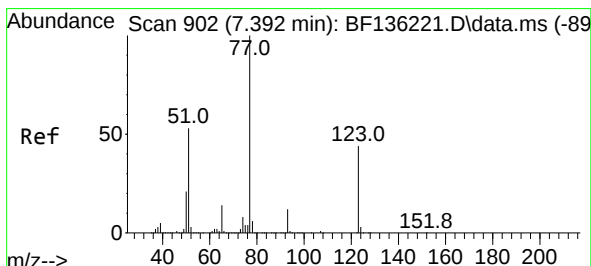
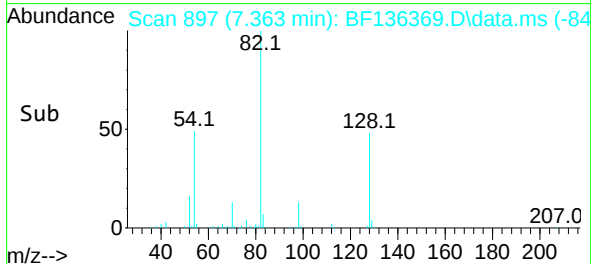
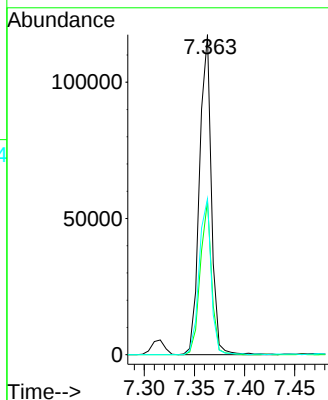
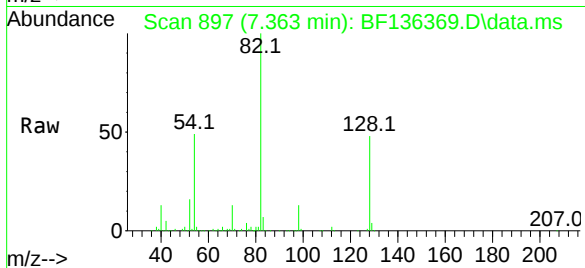
Ion	Ratio	Lower	Upper
82	100		
128	48.1	33.4	50.2
54	48.7	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#24

Nitrobenzene

Concen: 8.009 ng

RT: 7.381 min Scan# 900

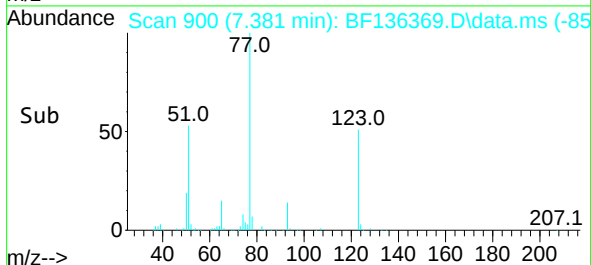
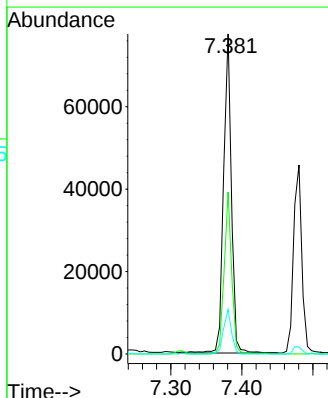
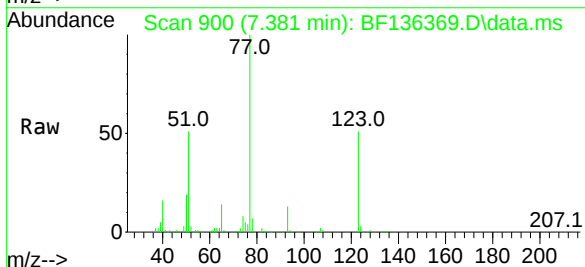
Delta R.T. -0.012 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion: 77 Resp: 59101

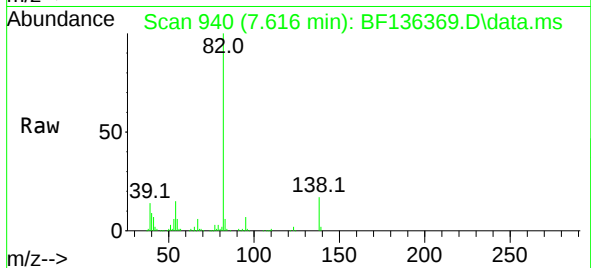
Ion	Ratio	Lower	Upper
77	100		
123	50.6	35.4	53.2
65	13.9	11.0	16.6





#25
Isophorone
Concen: 8.320 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

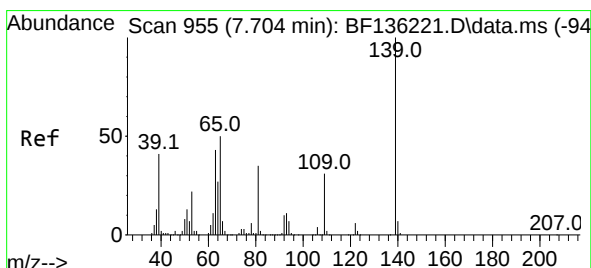
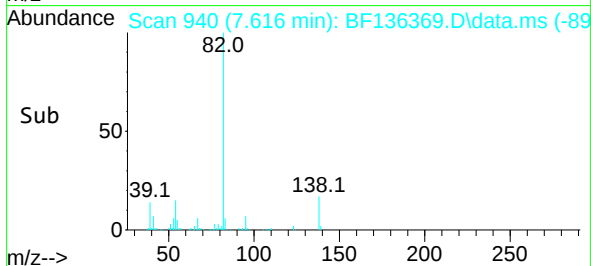
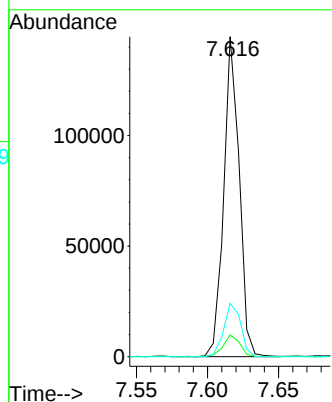
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



Tgt Ion: 82 Resp: 109250
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.7 12.8 19.2

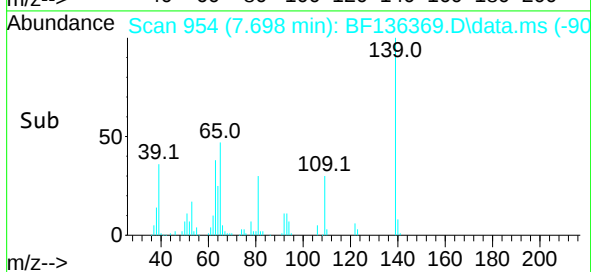
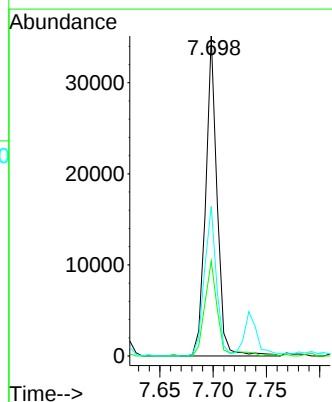
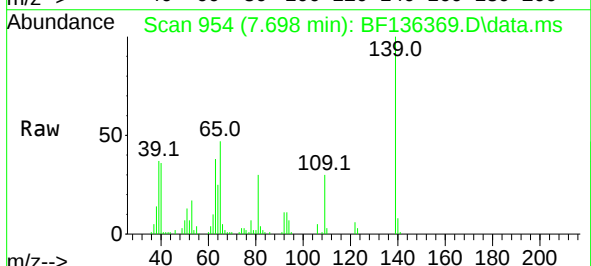
Manual Integrations
APPROVED

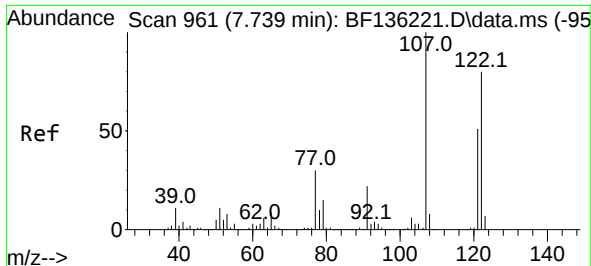
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#26
2-Nitrophenol
Concen: 8.404 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:139 Resp: 26424
Ion Ratio Lower Upper
139 100
109 29.7 25.0 37.6
65 46.7 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 9.844 ng
RT: 7.733 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

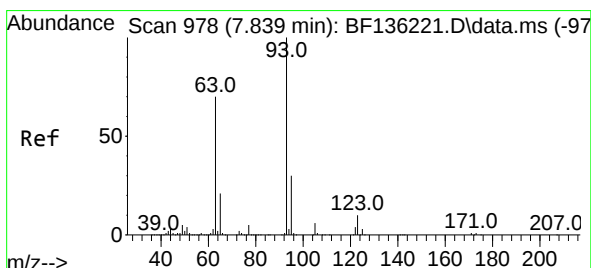
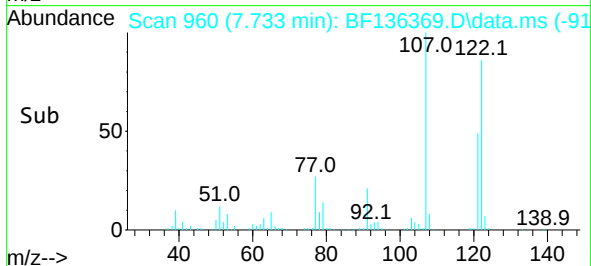
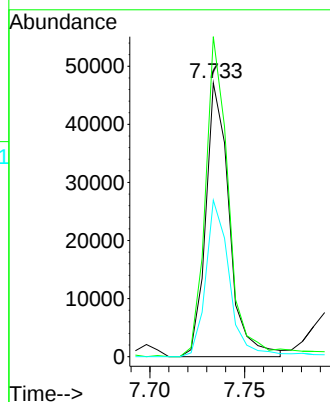
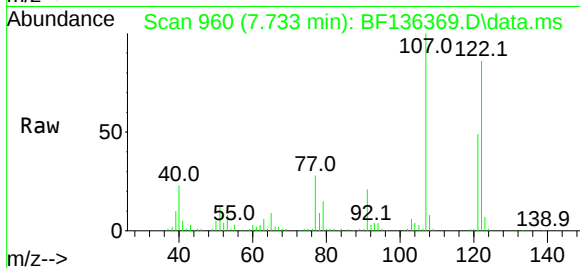
SU-03-112823DL

Tgt Ion:122 Resp: 40738
Ion Ratio Lower Upper
122 100
107 116.9 100.0 150.0
121 57.2 50.7 76.1

Manual Integrations

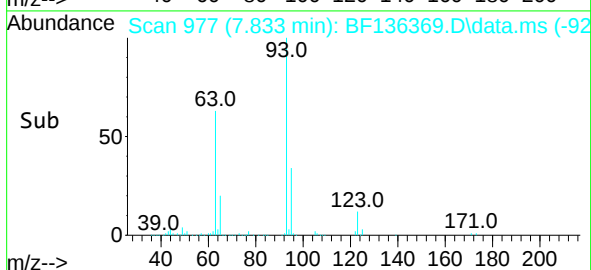
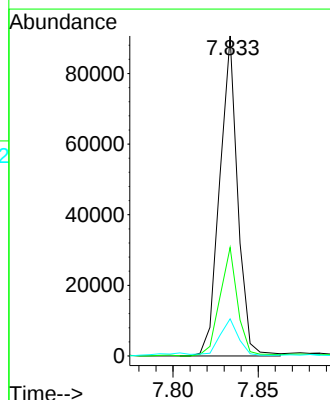
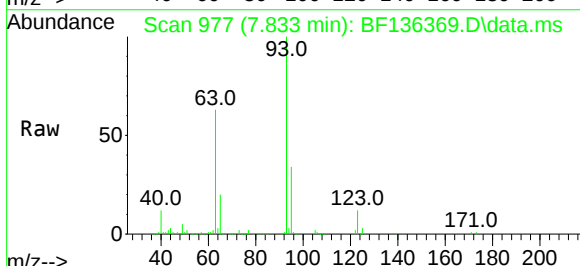
APPROVED

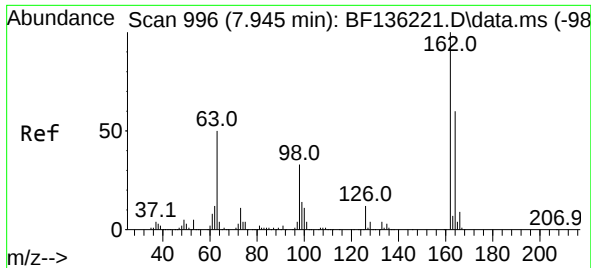
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#28
bis(2-Chloroethoxy)methane
Concen: 8.391 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion: 93 Resp: 66643
Ion Ratio Lower Upper
93 100
95 33.9 23.8 35.6
123 11.6 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 7.167 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

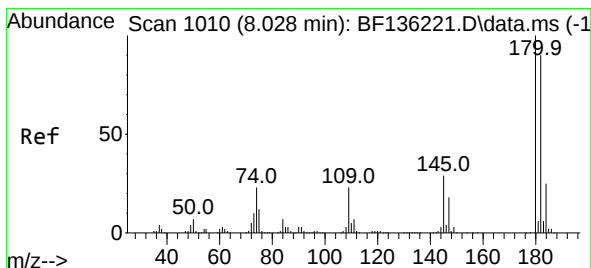
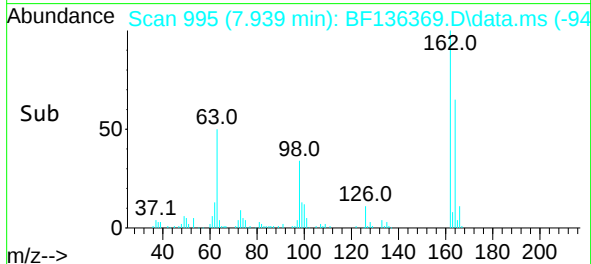
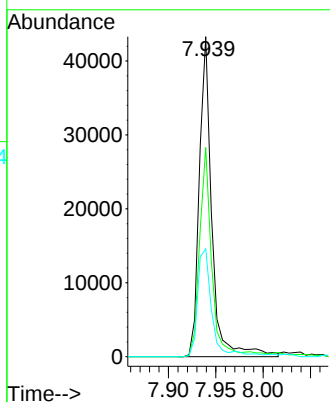
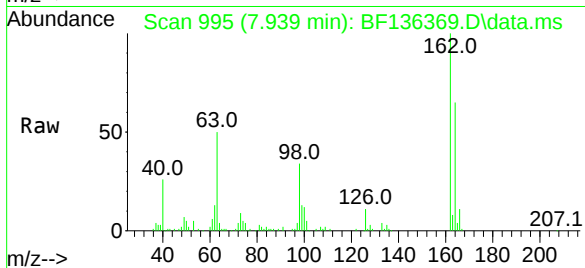
ClientSampleId :

SU-03-112823DL

Tgt Ion:162 Resp: 4000
Ion Ratio Lower Upper
162 100
164 65.4 40.3 80.3
98 33.7 13.0 53.0

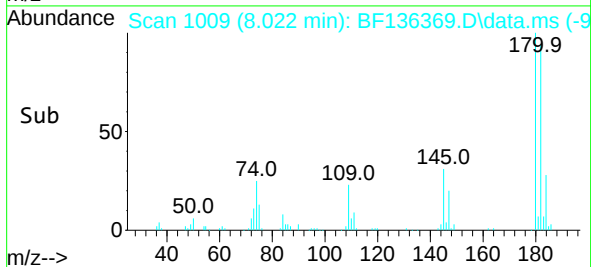
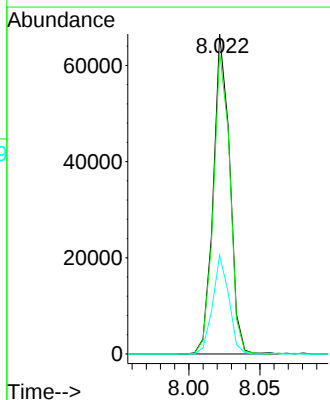
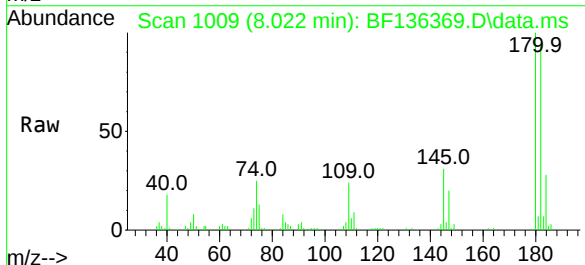
Manual Integrations
APPROVED

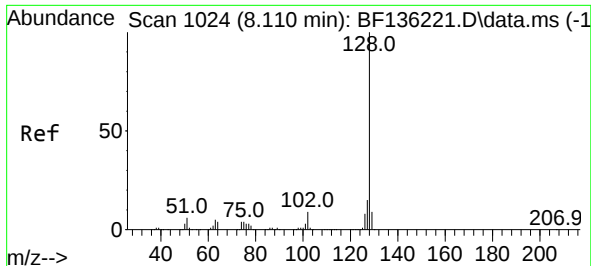
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#30
1,2,4-Trichlorobenzene
Concen: 7.809 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

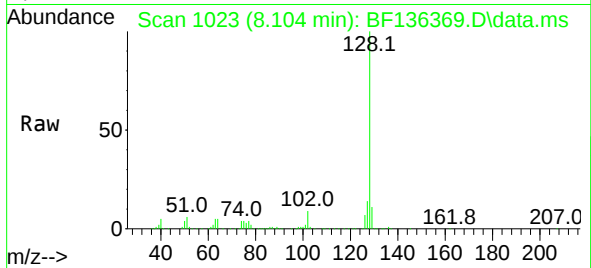
Tgt Ion:180 Resp: 53369
Ion Ratio Lower Upper
180 100
182 94.4 71.6 107.4
145 30.8 23.0 34.4





#31
Naphthalene
Concen: 7.834 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

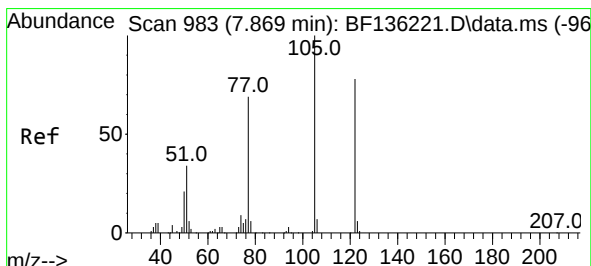
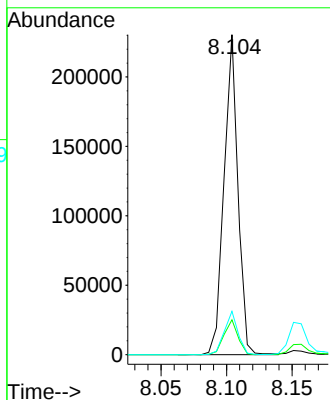
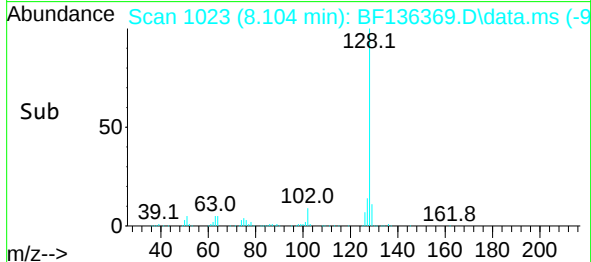
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



Tgt Ion:128 Resp: 169454
Ion Ratio Lower Upper
128 100
129 10.9 7.3 10.9
127 13.6 11.8 17.6

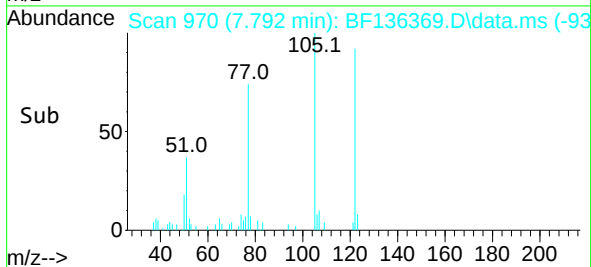
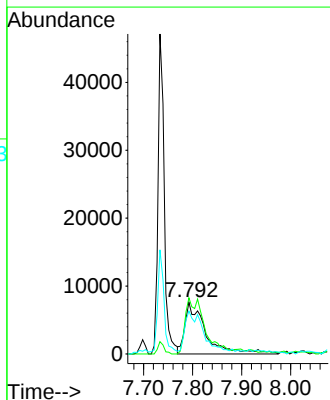
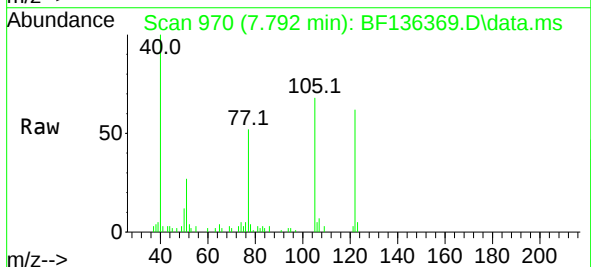
Manual Integrations
APPROVED

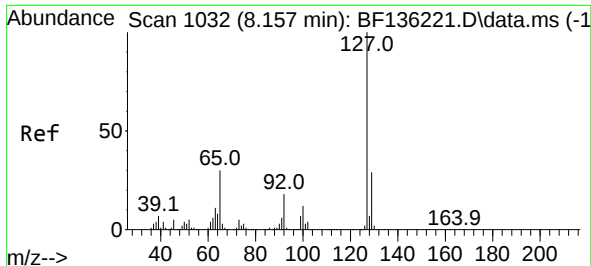
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#32
Benzoic acid
Concen: 5.949 ng m
RT: 7.792 min Scan# 970
Delta R.T. -0.076 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:122 Resp: 22438
Ion Ratio Lower Upper
122 100
105 108.8 103.7 143.7
77 83.1 66.8 106.8





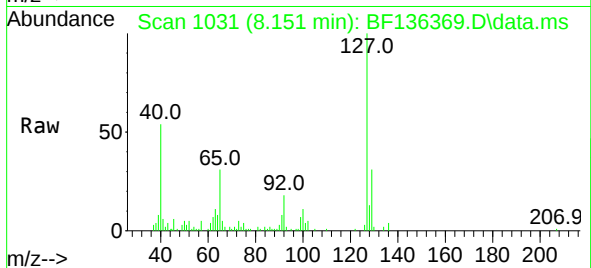
#33
4-Chloroaniline
Concen: 3.614 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



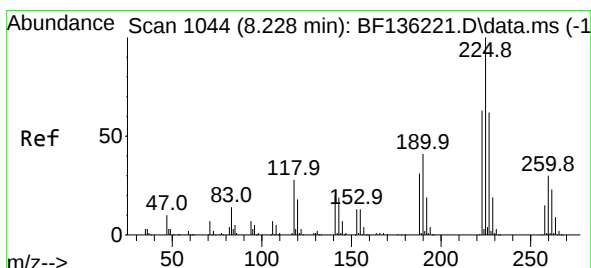
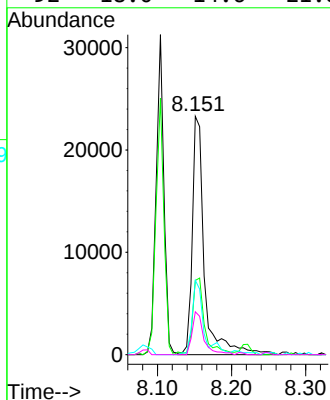
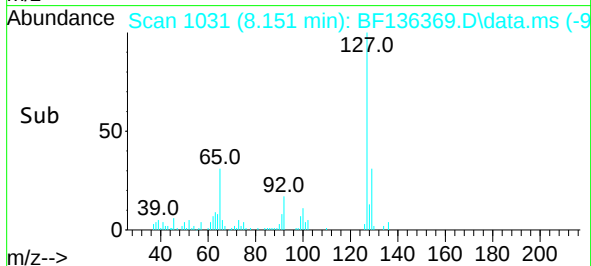
Tgt Ion:127 Resp: 2656
Ion Ratio Lower Upper
127 100
129 31.2 23.4 35.2
65 31.2 23.8 35.6
92 18.0 14.6 21.8

Manual Integrations

APPROVED

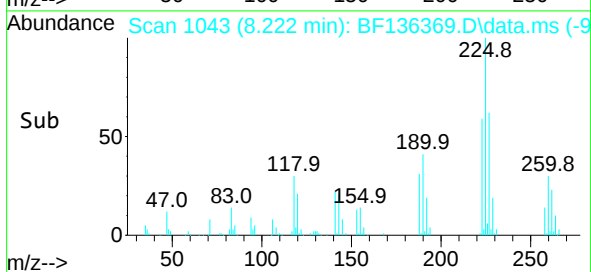
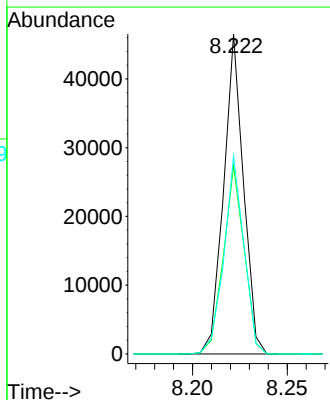
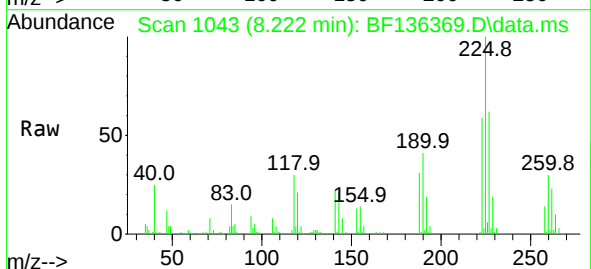
Reviewed By :Yogesh Patel 12/04/2023

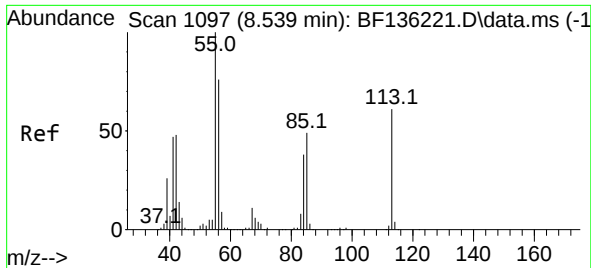
Supervised By :mohammad ahmed 12/05/2023



#34
Hexachlorobutadiene
Concen: 8.456 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:225 Resp: 33809
Ion Ratio Lower Upper
225 100
223 58.8 50.6 75.8
227 61.8 49.6 74.4





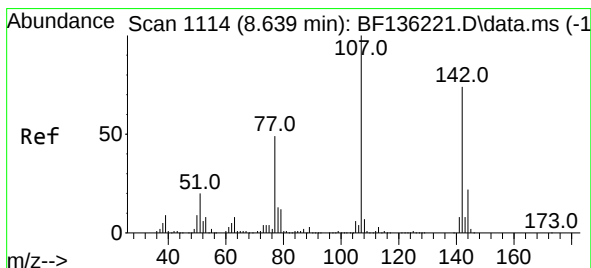
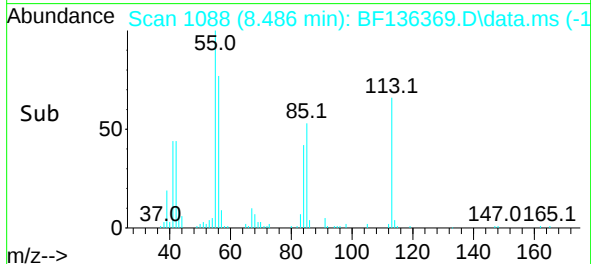
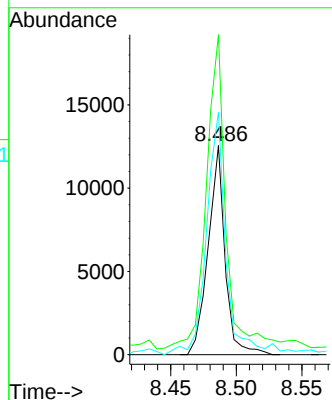
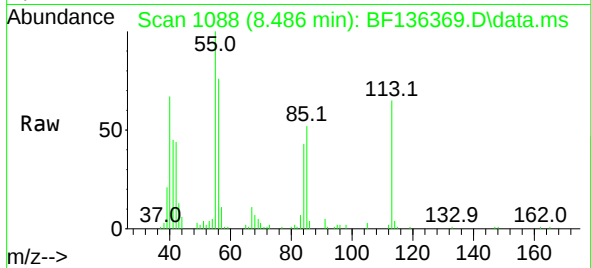
#35
 Caprolactam
 Concen: 7.217 ng
 RT: 8.486 min Scan# 1108
 Delta R.T. -0.053 min
 Lab File: BF136369.D
 Acq: 02 Dec 2023 09:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823DL

Tgt Ion:113 Resp: 1126
 Ion Ratio Lower Upper
 113 100
 55 153.1 143.1 183.1
 56 116.0 103.6 143.6

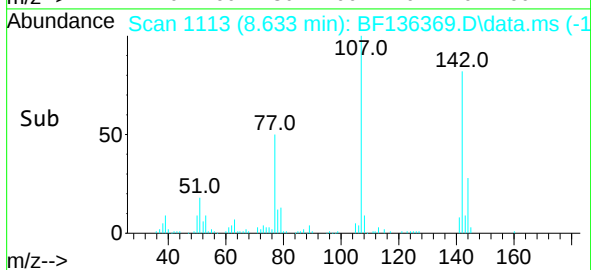
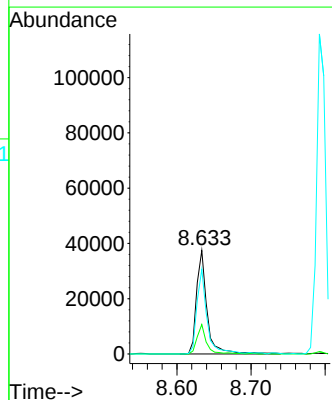
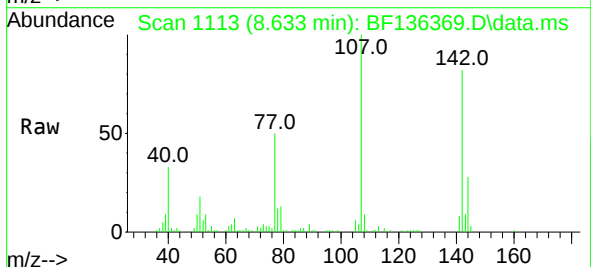
Manual Integrations
 APPROVED

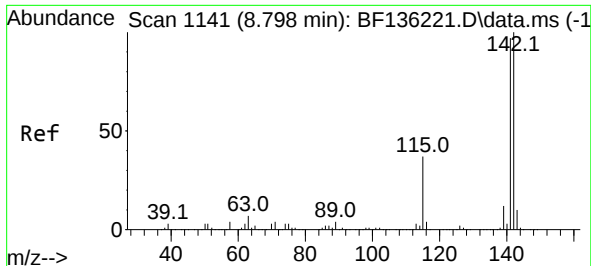
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023



#36
 4-Chloro-3-methylphenol
 Concen: 6.127 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136369.D
 Acq: 02 Dec 2023 09:26

Tgt Ion:107 Resp: 37094
 Ion Ratio Lower Upper
 107 100
 144 28.4 17.8 26.8#
 142 81.7 59.4 89.0





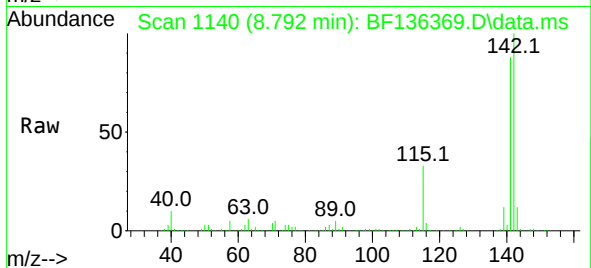
#37
2-Methylnaphthalene
Concen: 7.268 ng
RT: 8.792 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

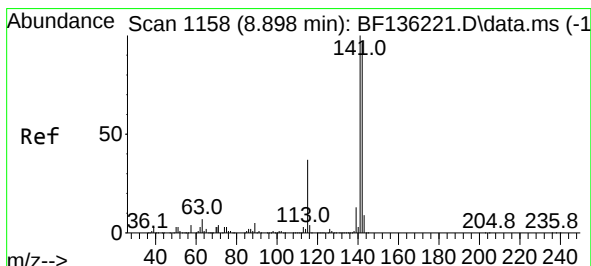
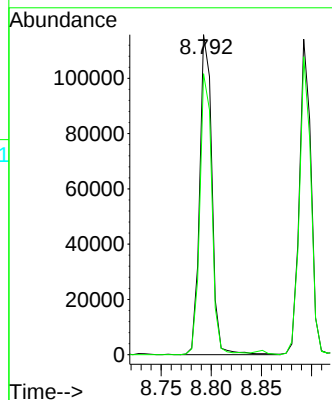
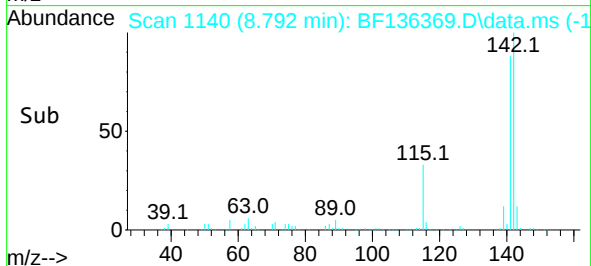


Tgt Ion:142 Resp: 9861
Ion Ratio Lower Upper
142 100
141 87.8 77.8 116.8

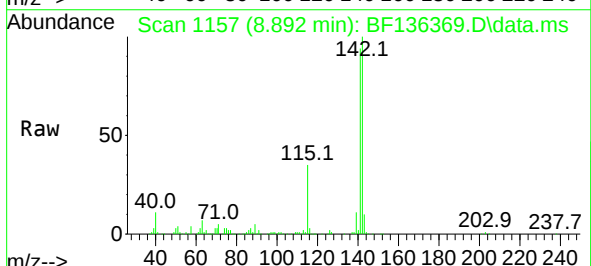
Manual Integrations

APPROVED

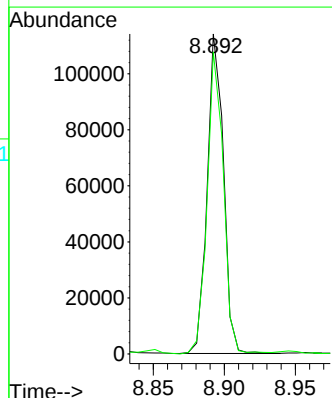
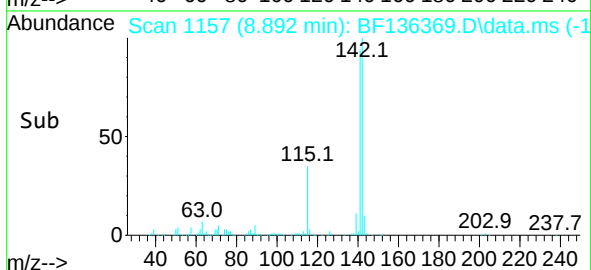
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

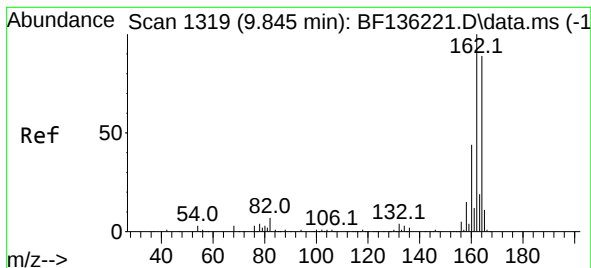


#38
1-Methylnaphthalene
Concen: 6.889 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:142 Resp: 91185
Ion Ratio Lower Upper
142 100
141 94.4 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

Tgt Ion:164 Resp: 146869

Ion Ratio Lower Upper

164 100

162 104.5 89.5 134.3

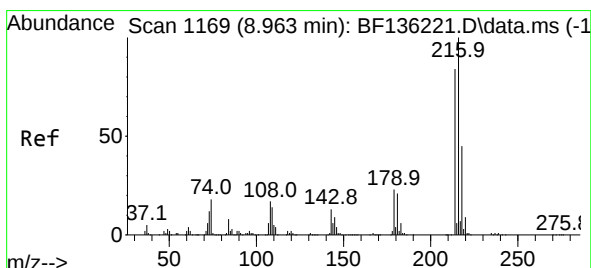
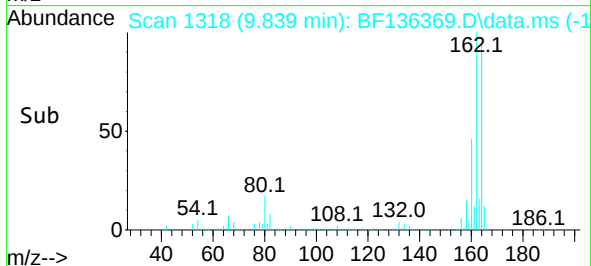
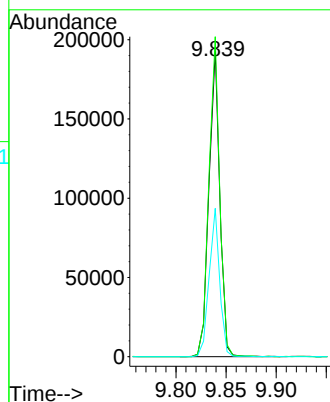
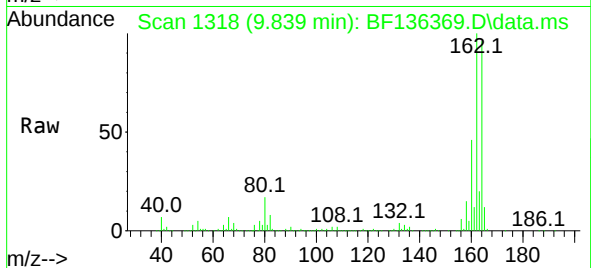
160 48.5 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.000 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion:216 Resp: 46743

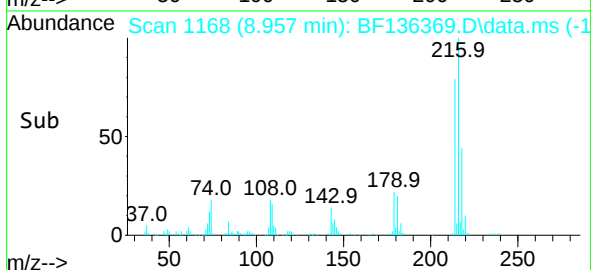
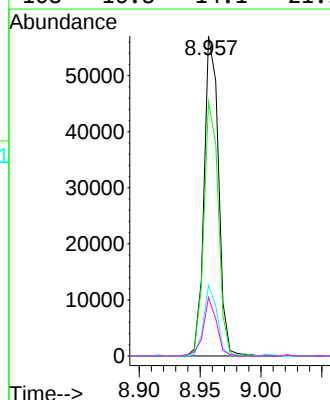
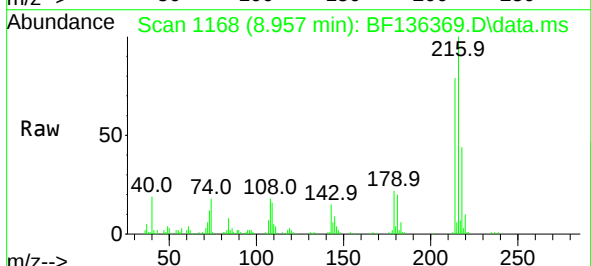
Ion Ratio Lower Upper

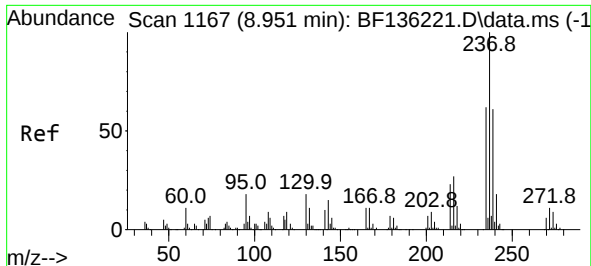
216 100

214 79.3 65.8 98.8

179 20.6 17.4 26.0

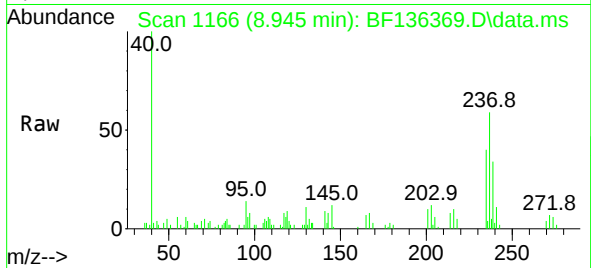
108 16.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 3.078 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

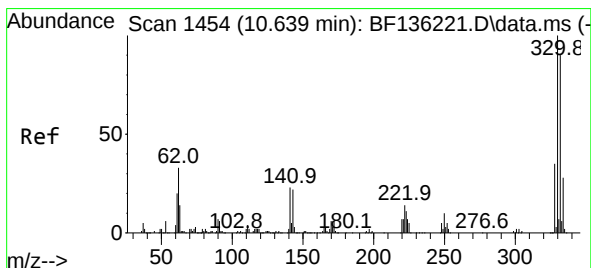
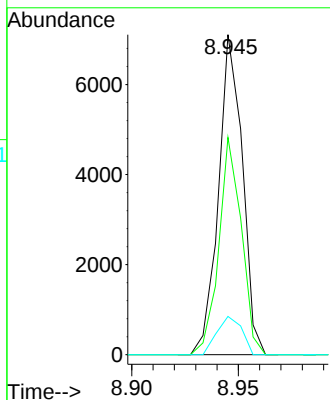
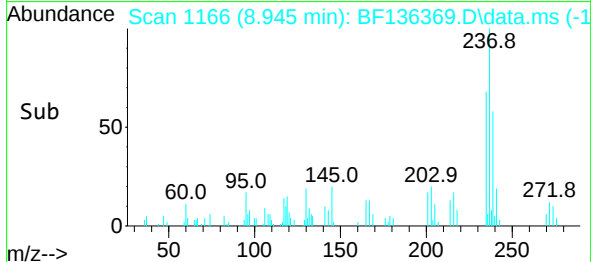
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



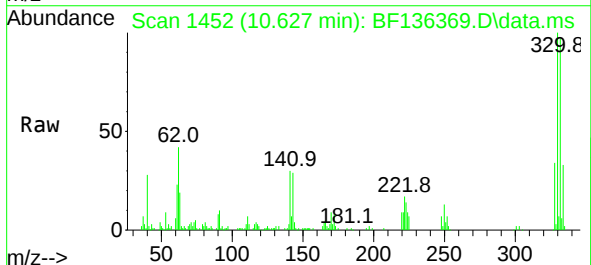
Tgt Ion:237 Resp: 5538
Ion Ratio Lower Upper
237 100
235 67.9 42.1 82.1
272 12.0 0.0 31.0

Manual Integrations
APPROVED

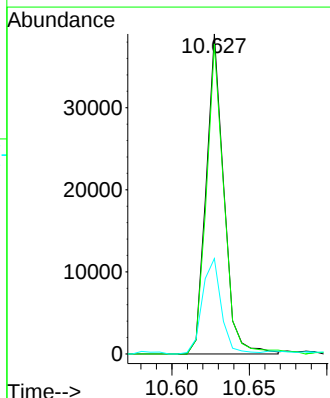
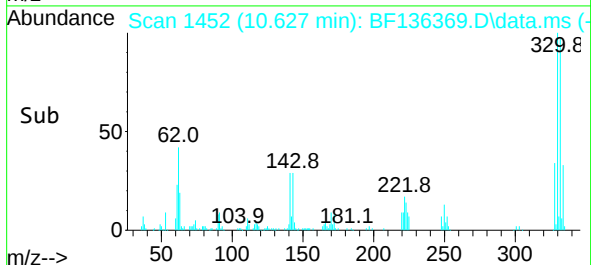
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

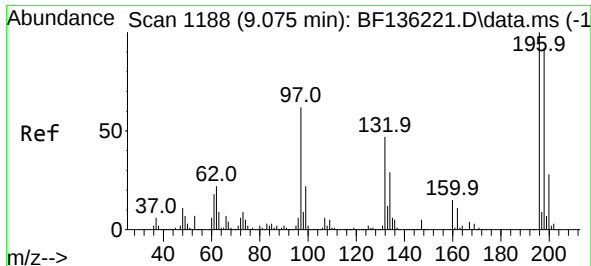


#42
2,4,6-Tribromophenol
Concen: 17.230 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:330 Resp: 30938
Ion Ratio Lower Upper
330 100
332 97.1 73.0 109.6
141 32.2 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 7.713 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136369.D

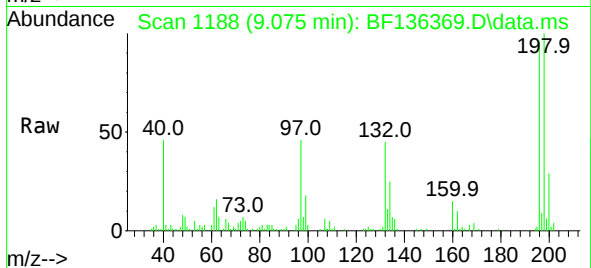
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



Tgt Ion:196 Resp: 2339

Ion Ratio Lower Upper

196 100

198 104.3 73.2 109.8

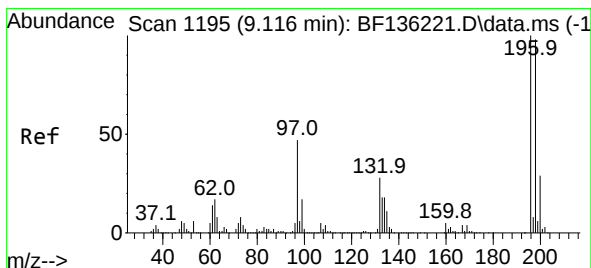
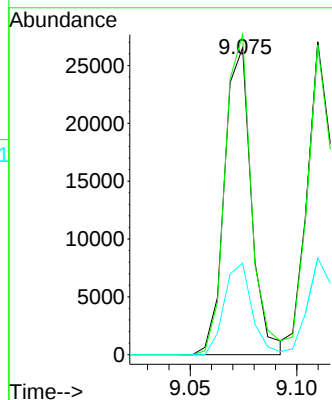
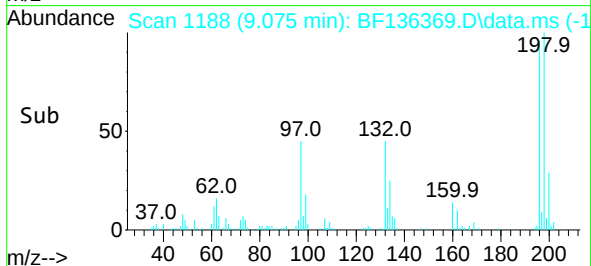
200 29.8 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#44

2,4,5-Trichlorophenol

Concen: 7.447 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion:196 Resp: 24654

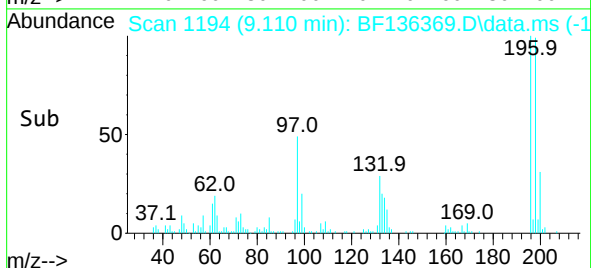
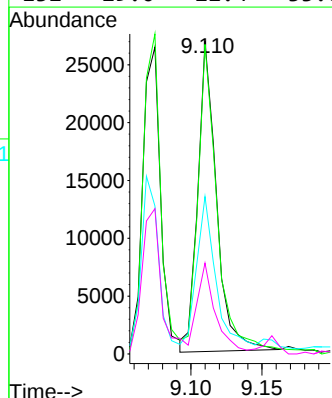
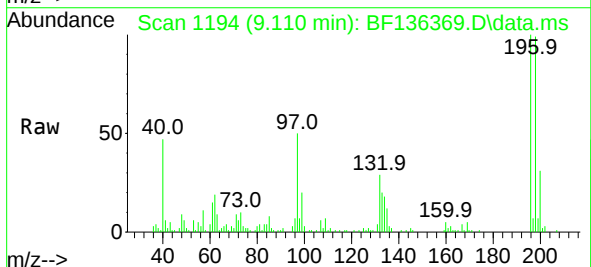
Ion Ratio Lower Upper

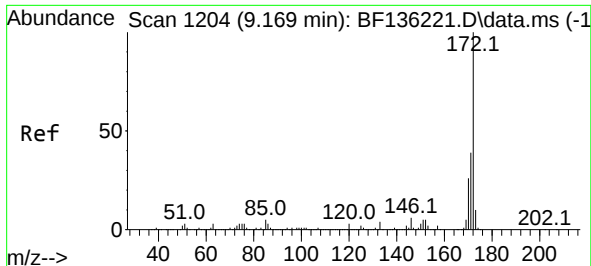
196 100

198 99.0 78.8 118.2

97 50.3 37.8 56.8

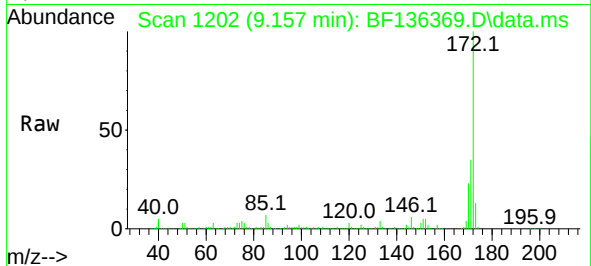
132 29.0 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 14.510 ng
RT: 9.157 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

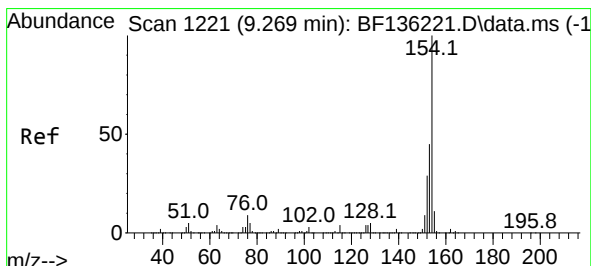
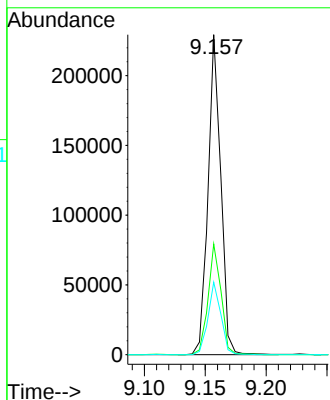
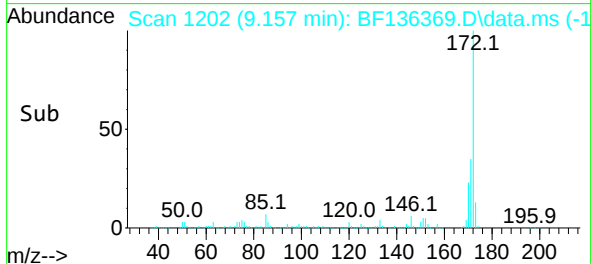
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



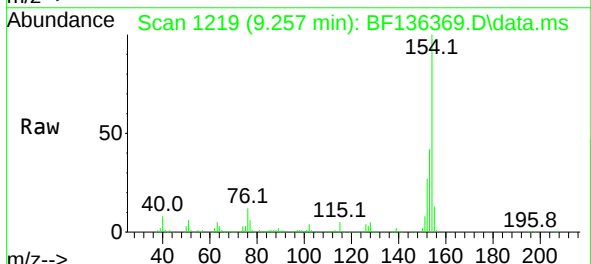
Tgt Ion:172 Resp: 16683
Ion Ratio Lower Upper
172 100
171 34.6 31.5 47.3
170 22.6 20.8 31.2

Manual Integrations
APPROVED

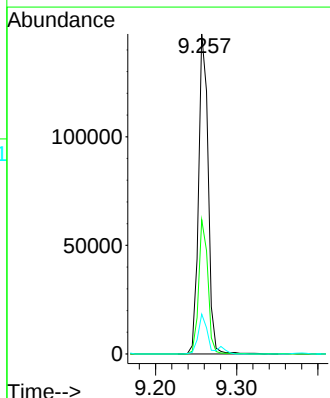
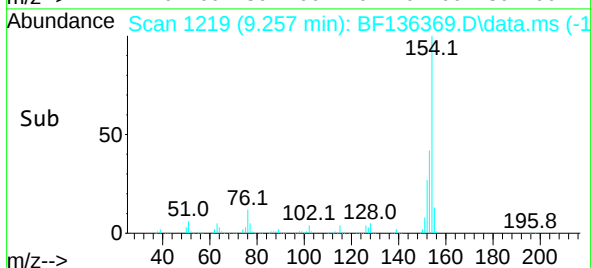
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

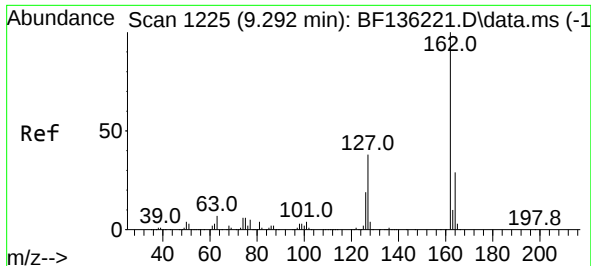


#46
1,1'-Biphenyl
Concen: 9.403 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:154 Resp: 121783
Ion Ratio Lower Upper
154 100
153 42.0 24.6 64.6
76 12.4 0.0 29.4





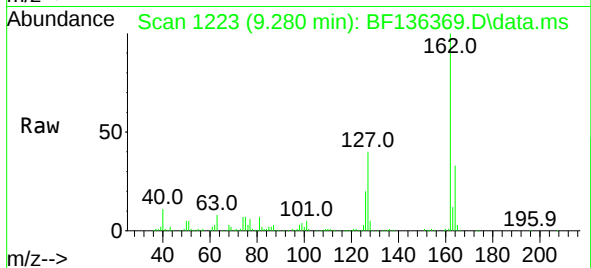
#47
2-Chloronaphthalene
Concen: 8.420 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

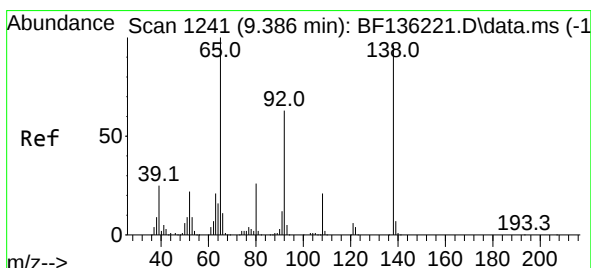
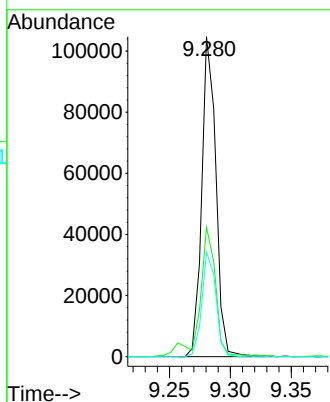
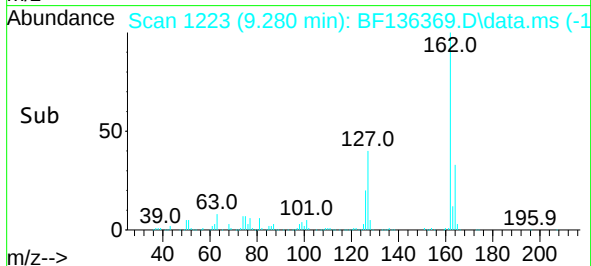


Tgt Ion:162 Resp: 84692
Ion Ratio Lower Upper
162 100
127 40.4 30.2 45.2
164 32.7 22.8 34.2

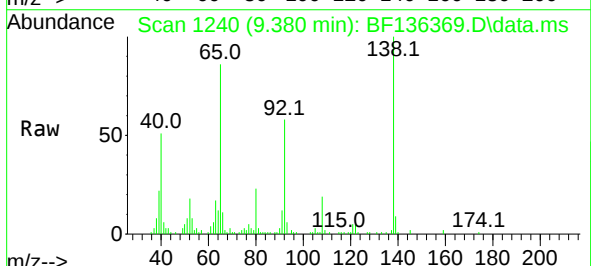
Manual Integrations

APPROVED

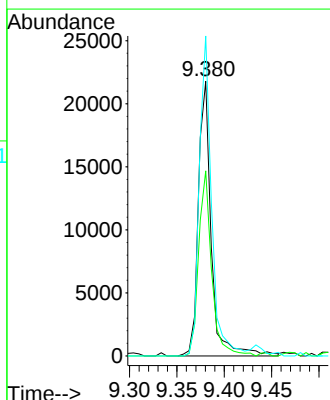
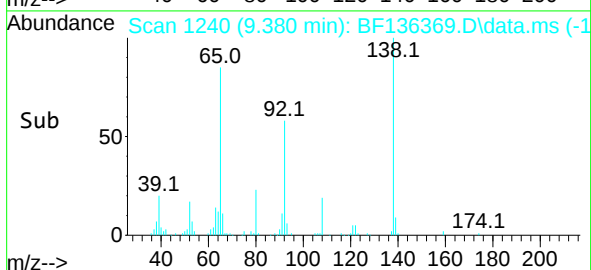
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

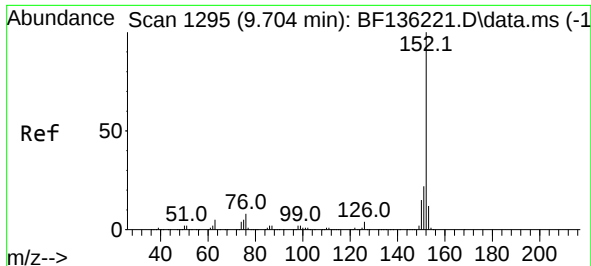


#48
2-Nitroaniline
Concen: 7.918 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion: 65 Resp: 20792
Ion Ratio Lower Upper
65 100
92 67.4 50.6 75.8
138 116.4 76.7 115.1#





#49

Acenaphthylene

Concen: 8.804 ng

RT: 9.698 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

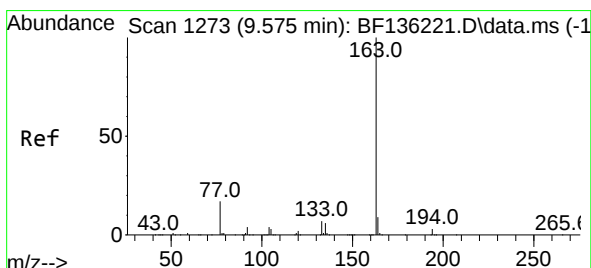
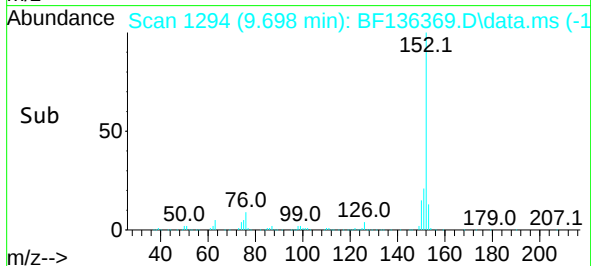
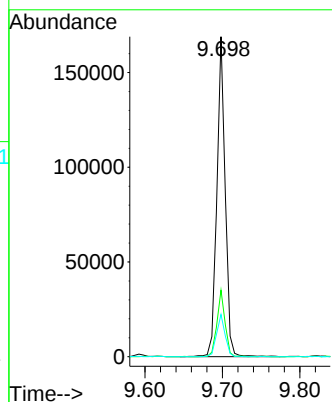
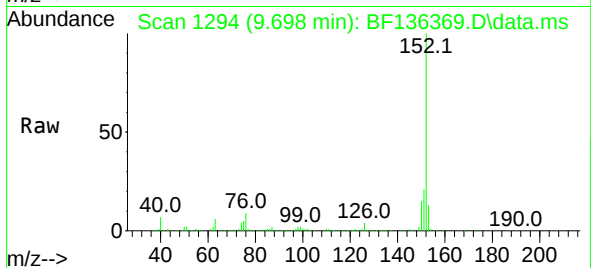
Tgt Ion:	152	Resp:	126370
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.5	26.3
153	13.2	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#50

Dimethylphthalate

Concen: 8.530 ng

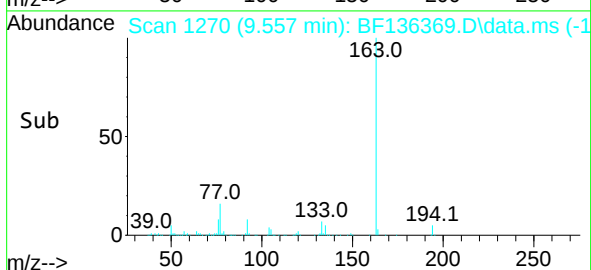
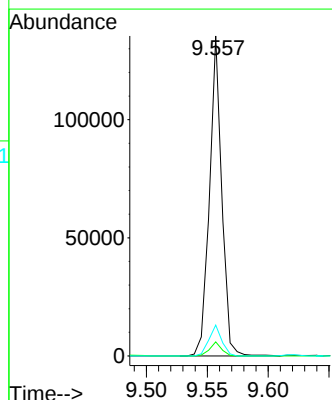
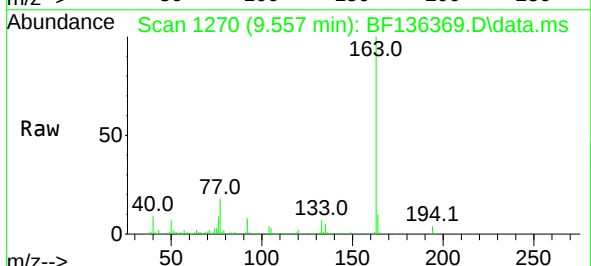
RT: 9.557 min Scan# 1270

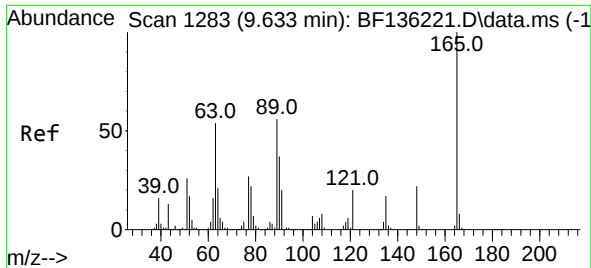
Delta R.T. -0.018 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion:	163	Resp:	94687
Ion Ratio	Lower	Upper	
163	100		
194	4.4	2.5	3.7#
164	9.7	7.0	10.6





#51
2,6-Dinitrotoluene
Concen: 8.163 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

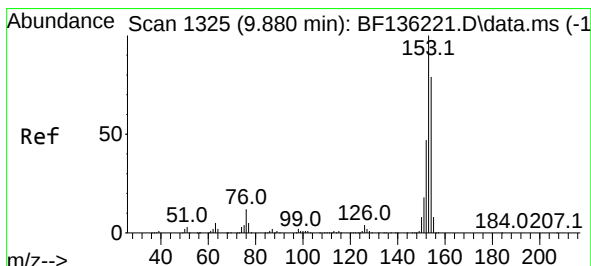
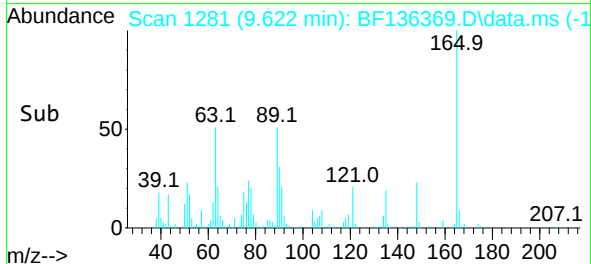
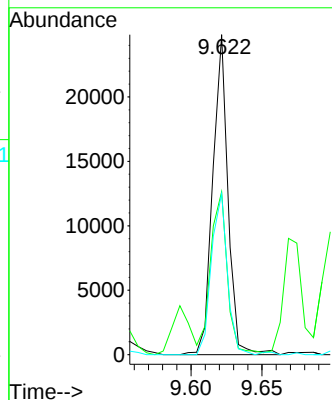
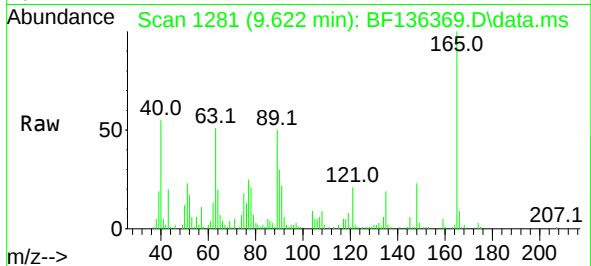
ClientSampleId :

SU-03-112823DL

Tgt Ion:165 Resp: 1851
Ion Ratio Lower Upper
165 100
63 50.9 46.2 69.2
89 50.3 44.9 67.3

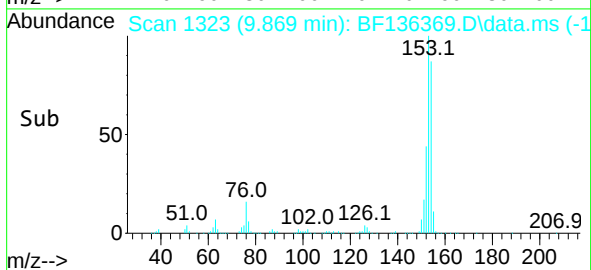
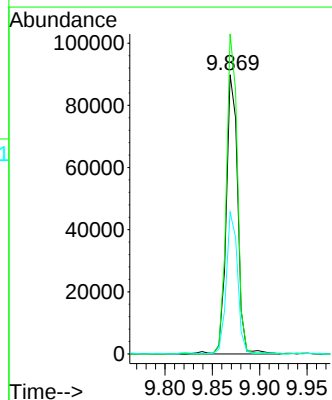
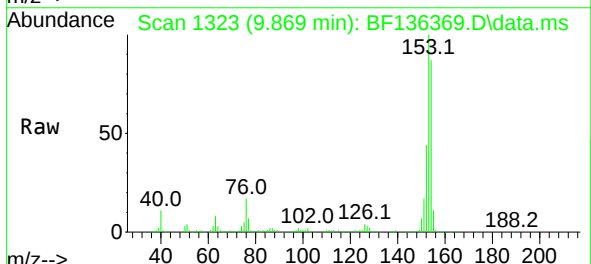
Manual Integrations
APPROVED

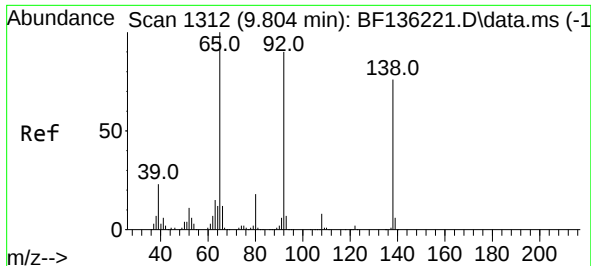
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#52
Acenaphthene
Concen: 8.378 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:154 Resp: 75997
Ion Ratio Lower Upper
154 100
153 114.6 100.8 151.2
152 50.8 47.0 70.6





#53
3-Nitroaniline
Concen: 4.869 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

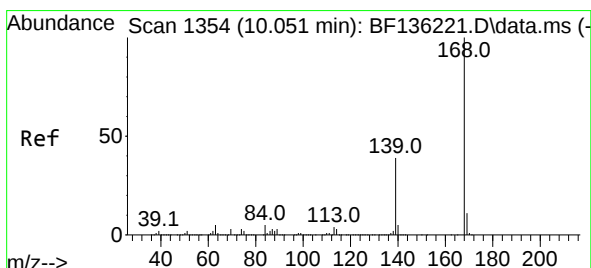
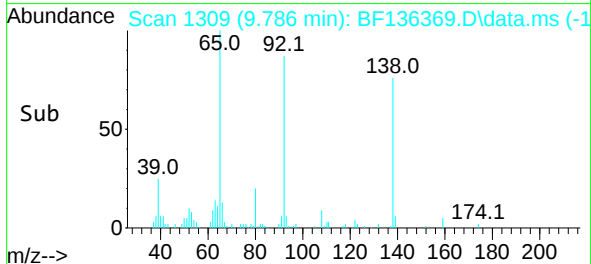
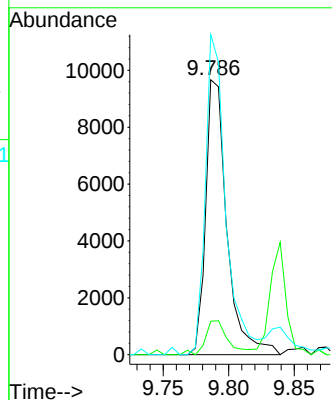
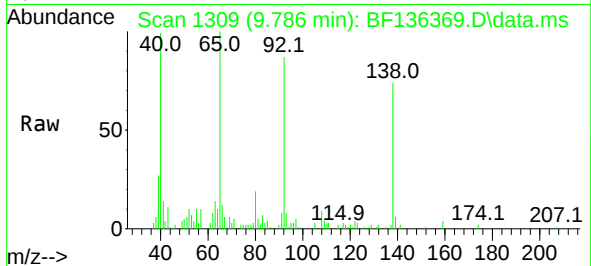
SU-03-112823DL

Tgt Ion:138 Resp: 10950
Ion Ratio Lower Upper
138 100
108 12.2 8.7 13.1
92 116.4 94.2 141.4

Manual Integrations

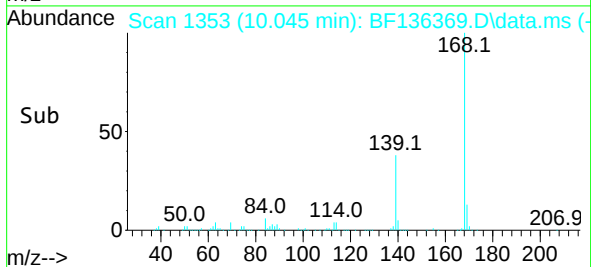
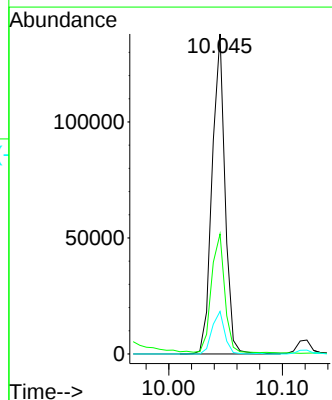
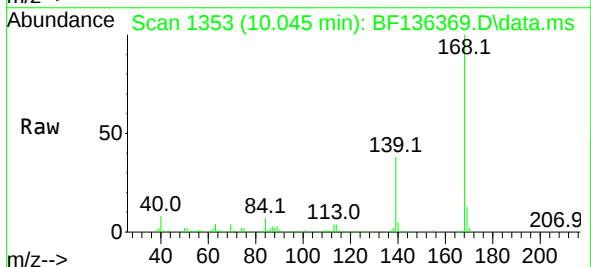
APPROVED

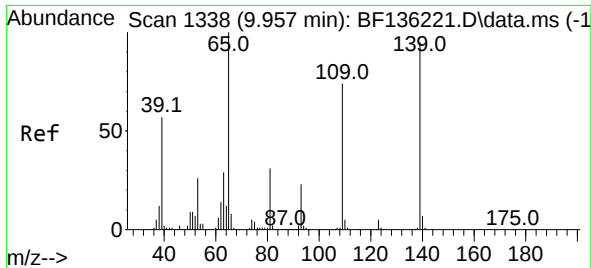
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#55
Dibenzofuran
Concen: 8.034 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:168 Resp: 108443
Ion Ratio Lower Upper
168 100
139 37.5 30.9 46.3
169 13.3 9.1 13.7





#56
4-Nitrophenol
Concen: 14.433 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

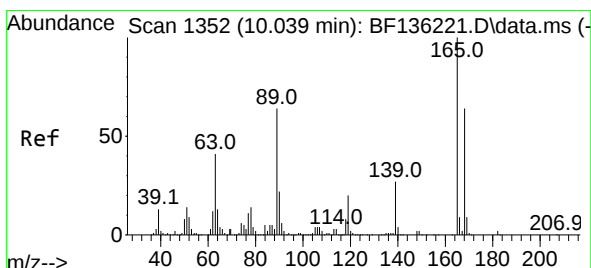
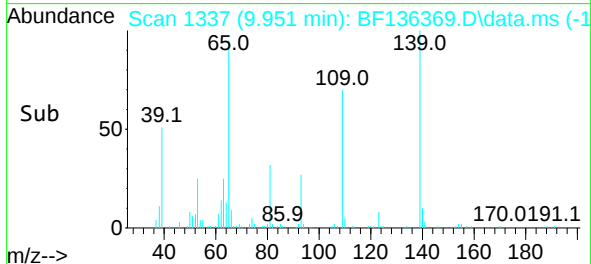
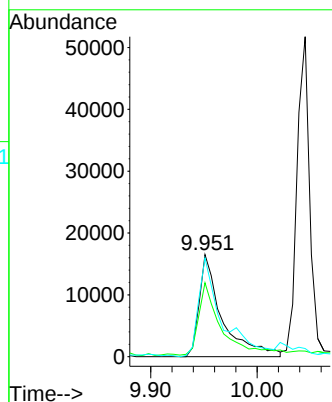
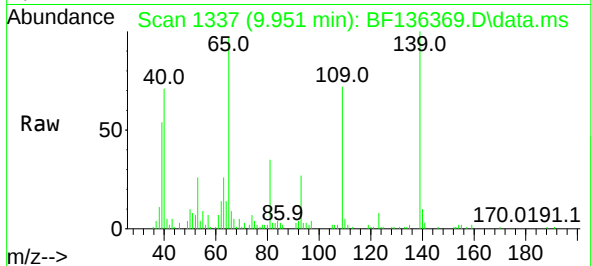
ClientSampleId :

SU-03-112823DL

Tgt Ion:139 Resp: 2466
Ion Ratio Lower Upper
139 100
109 72.4 57.8 97.8
65 96.5 86.0 126.0

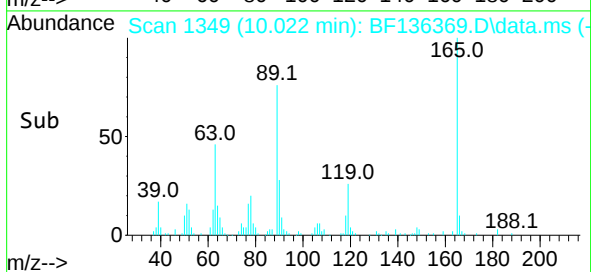
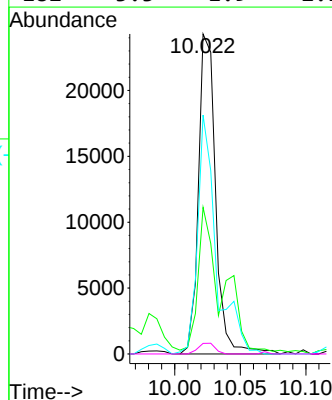
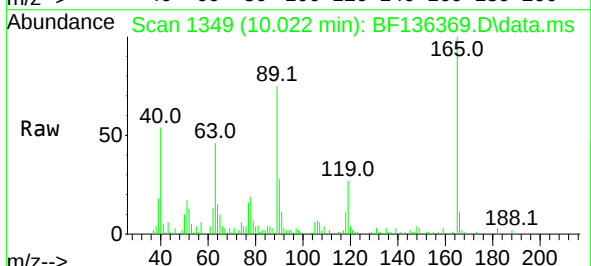
Manual Integrations
APPROVED

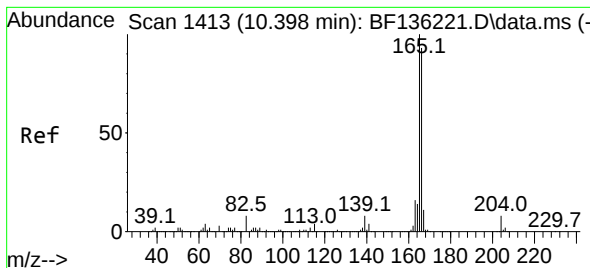
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#57
2,4-Dinitrotoluene
Concen: 7.354 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.018 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

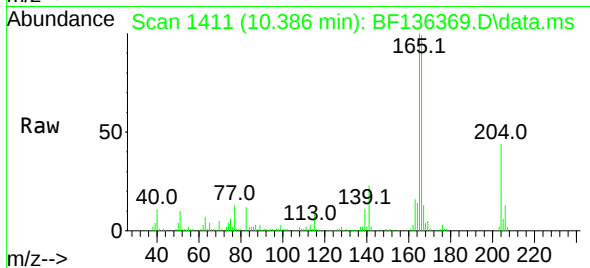
Tgt Ion:165 Resp: 22276
Ion Ratio Lower Upper
165 100
63 45.8 33.0 49.4
89 74.6 51.5 77.3
182 3.3 1.9 2.9#





#58
Fluorene
Concen: 8.256 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

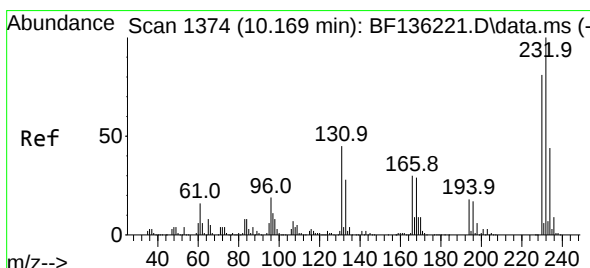
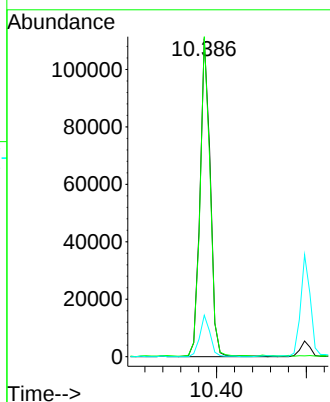
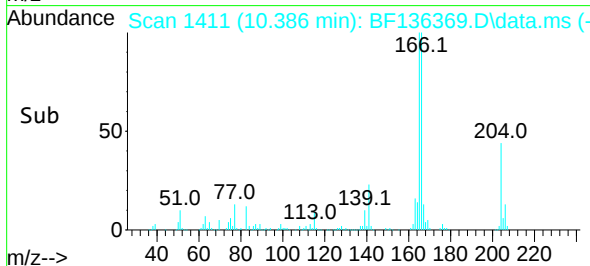
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



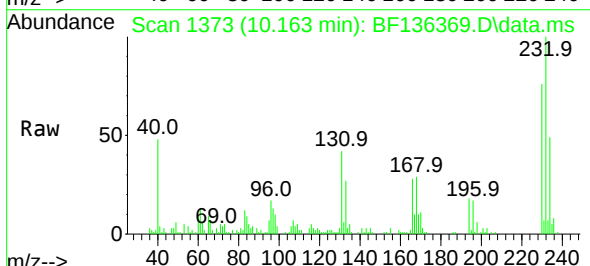
Tgt Ion:166 Resp: 87404
Ion Ratio Lower Upper
166 100
165 100.6 86.2 129.4
167 13.0 9.1 13.7

Manual Integrations
APPROVED

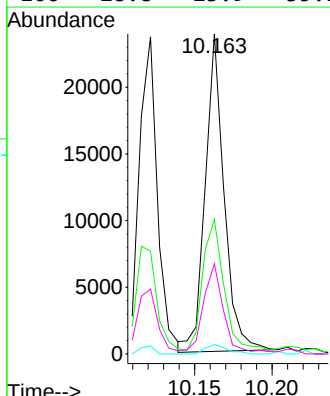
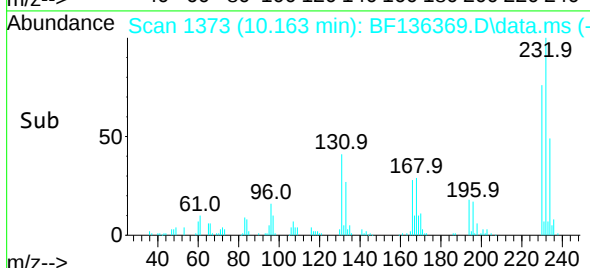
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

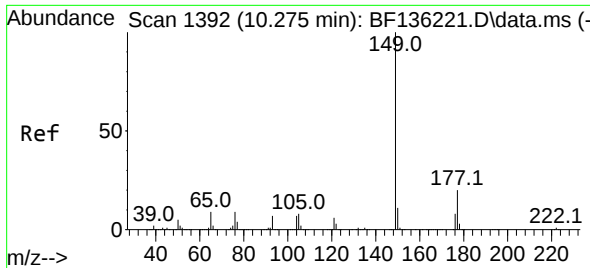


#59
2,3,4,6-Tetrachlorophenol
Concen: 7.672 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:232 Resp: 20210
Ion Ratio Lower Upper
232 100
131 46.9 36.4 54.6
130 3.4 1.9 2.9#
166 28.8 23.9 35.9





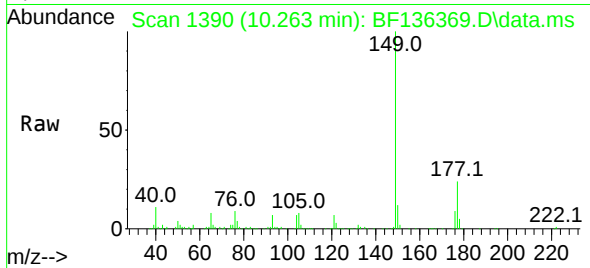
#60
Diethylphthalate
Concen: 7.899 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



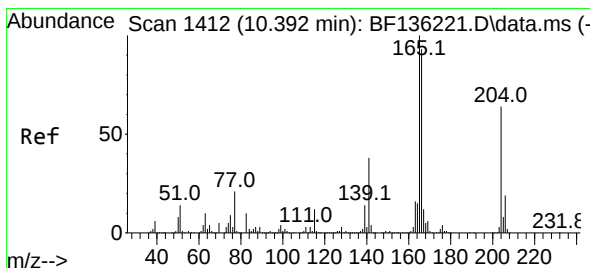
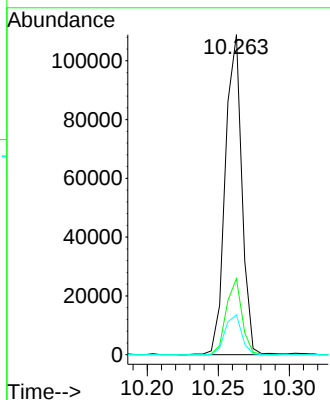
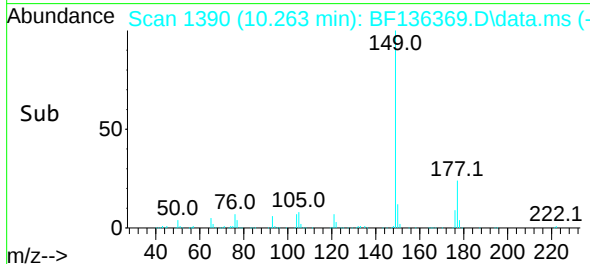
Tgt Ion:149 Resp: 87710
Ion Ratio Lower Upper
149 100
177 23.7 15.8 23.6
150 12.4 8.8 13.2

Manual Integrations

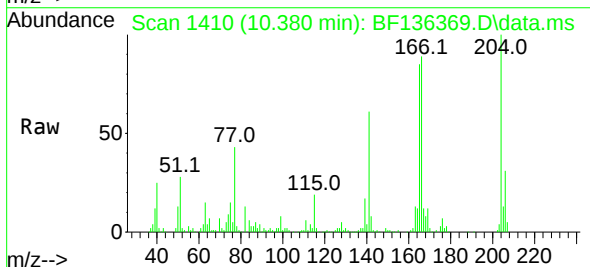
APPROVED

Reviewed By :Yogesh Patel 12/04/2023

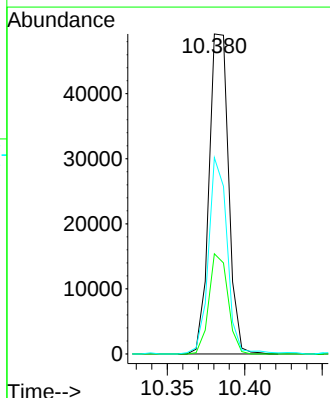
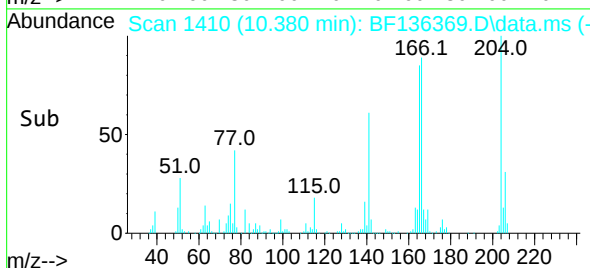
Supervised By :mohammad ahmed 12/05/2023

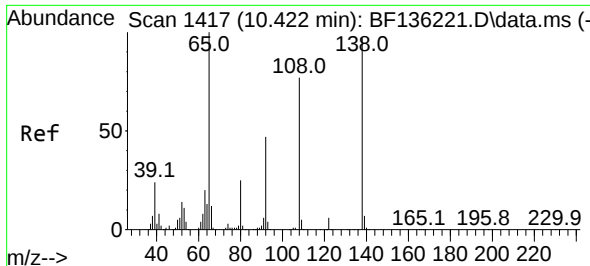


#61
4-Chlorophenyl-phenylether
Concen: 8.412 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



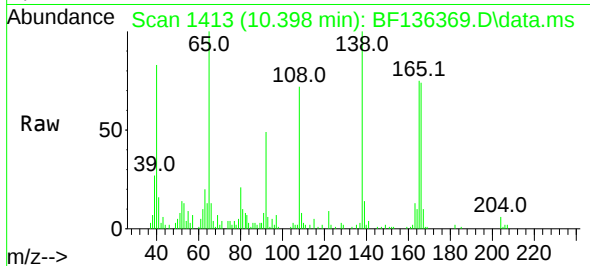
Tgt Ion:204 Resp: 43250
Ion Ratio Lower Upper
204 100
206 31.3 23.4 35.0
141 61.4 47.6 71.4





#62
4-Nitroaniline
Concen: 7.629 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.024 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

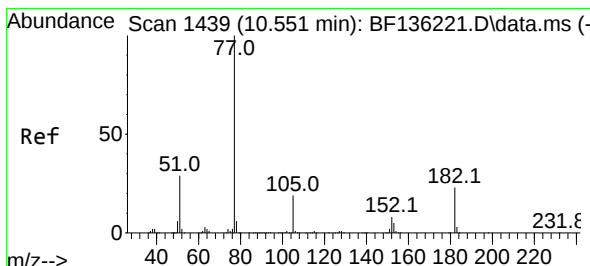
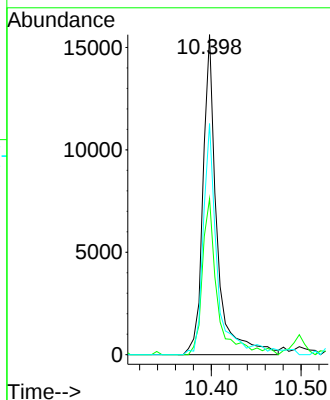
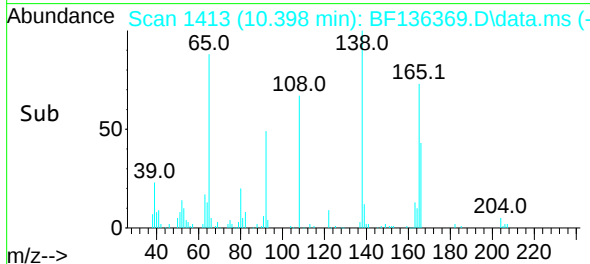
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



Tgt Ion:138 Resp: 1680
Ion Ratio Lower Upper
138 100
92 48.8 28.5 68.5
108 72.2 59.8 99.8

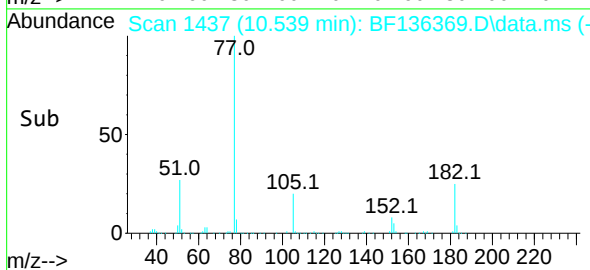
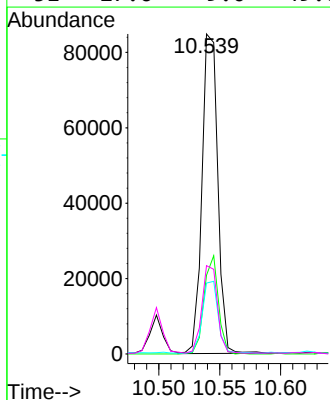
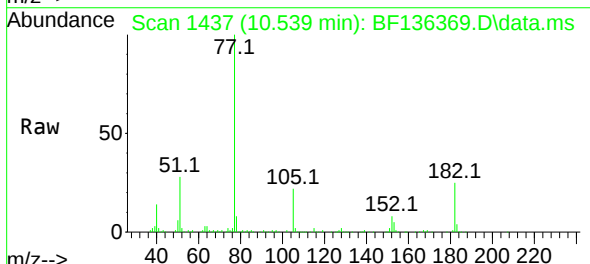
Manual Integrations
APPROVED

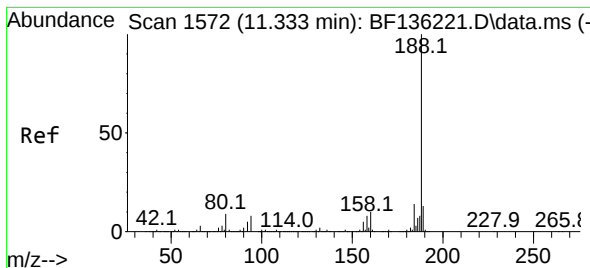
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#63
Azobenzene
Concen: 7.424 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion: 77 Resp: 76425
Ion Ratio Lower Upper
77 100
182 24.6 3.3 43.3
105 22.2 0.0 39.5
51 27.6 9.0 49.0





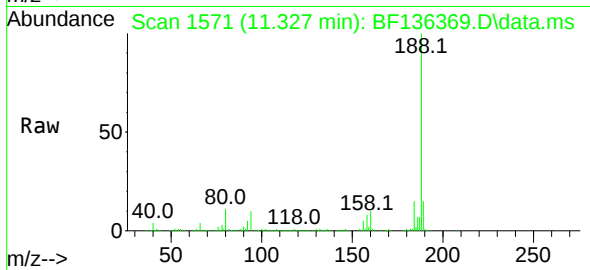
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

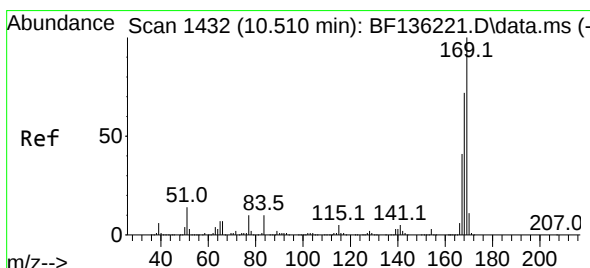
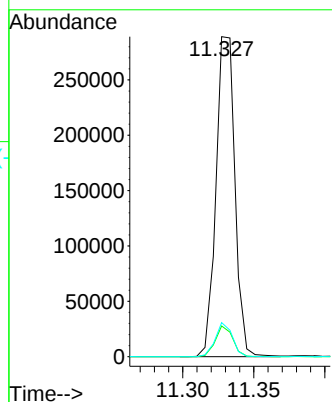
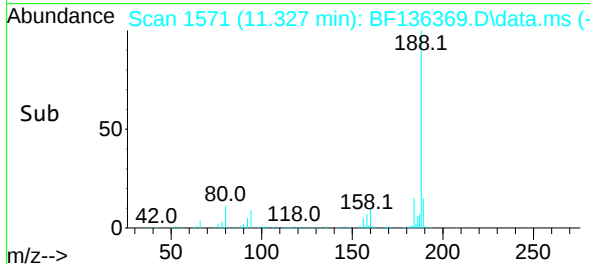


Tgt Ion:188 Resp: 26823
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.7 7.2 10.8

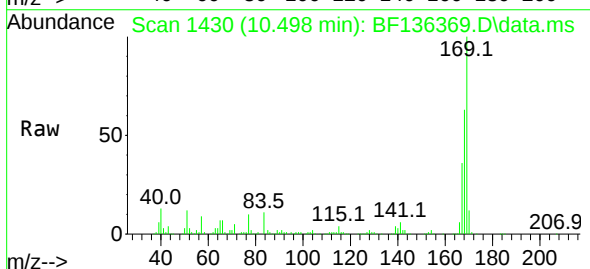
Manual Integrations

APPROVED

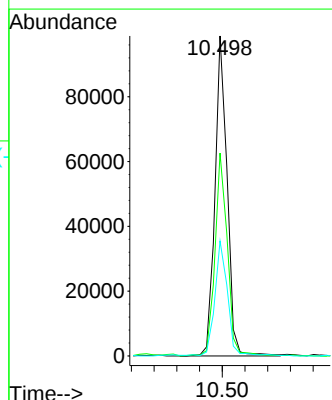
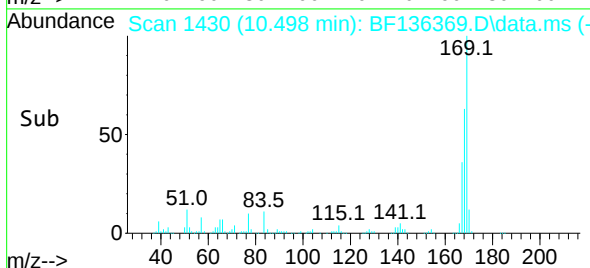
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

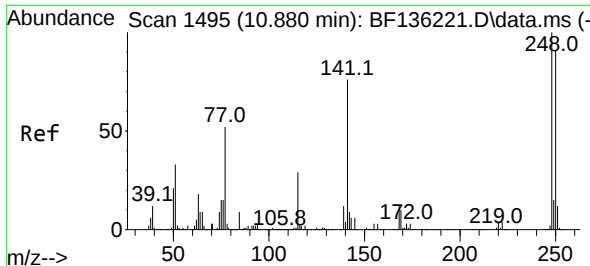


#66
n-Nitrosodiphenylamine
Concen: 8.550 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:169 Resp: 73497
Ion Ratio Lower Upper
169 100
168 63.4 57.8 86.6
167 35.9 32.7 49.1





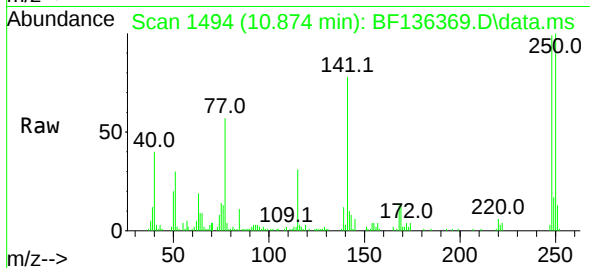
#67
4-Bromophenyl-phenylether
Concen: 7.776 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

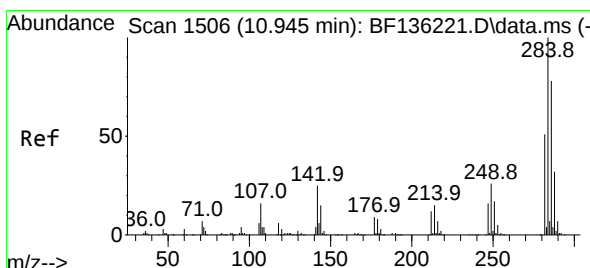
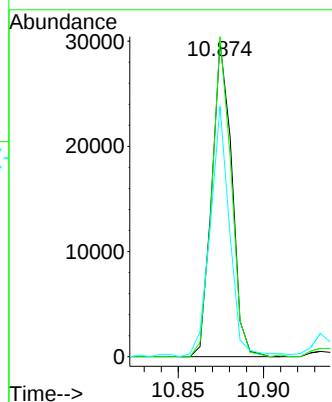
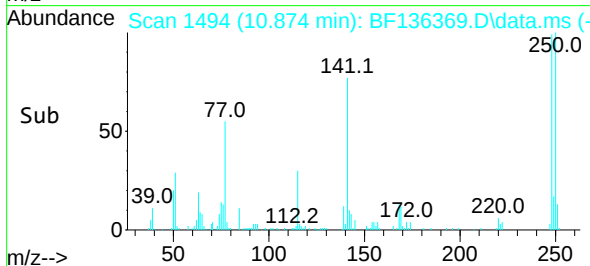


Tgt Ion:248 Resp: 2433
Ion Ratio Lower Upper
248 100
250 101.4 72.5 108.7
141 79.4 60.8 91.2

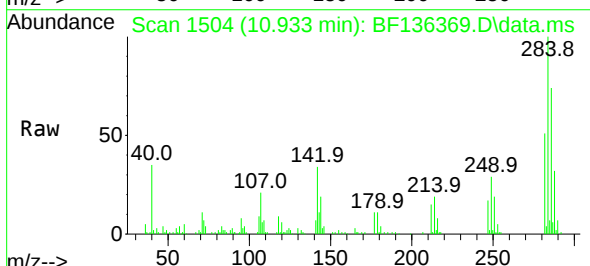
Manual Integrations

APPROVED

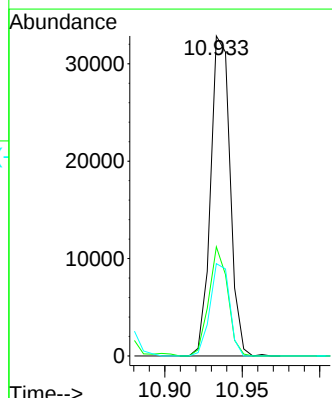
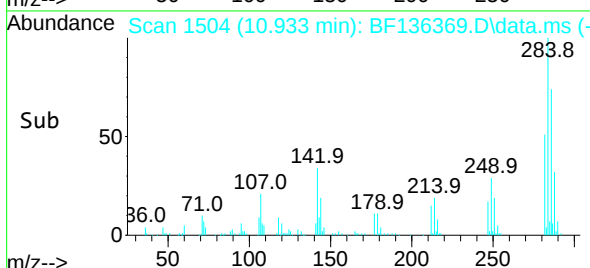
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

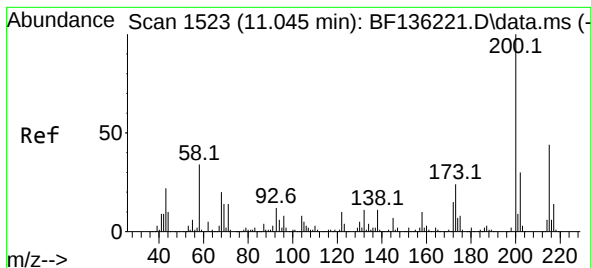


#68
Hexachlorobenzene
Concen: 7.931 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:284 Resp: 28724
Ion Ratio Lower Upper
284 100
142 34.1 19.8 29.8#
249 28.9 21.0 31.4





#69

Atrazine

Concen: 10.243 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.018 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

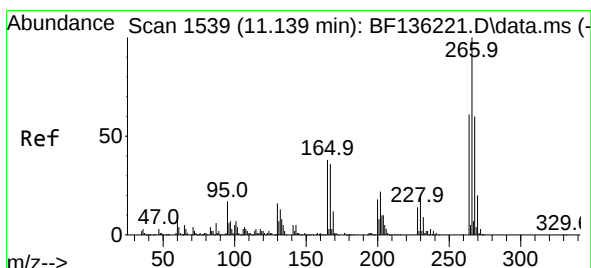
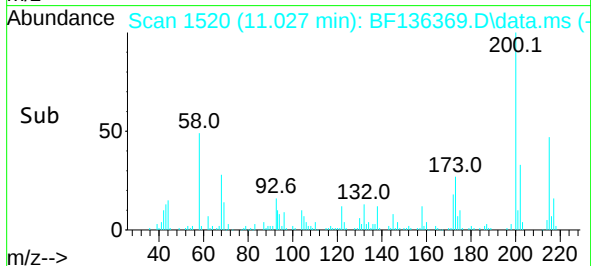
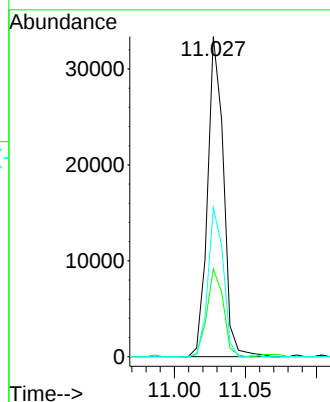
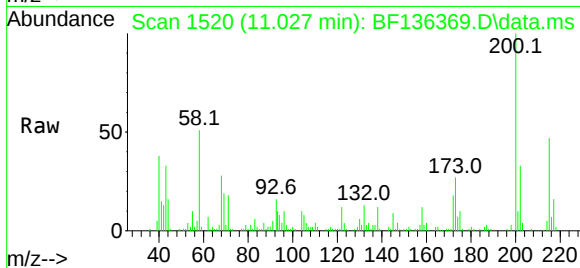
Tgt Ion:200	Resp:	26118
Ion Ratio	Lower	Upper
200	100	
173	27.4	4.3 44.3
215	46.5	23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#70

Pentachlorophenol

Concen: 15.731 ng

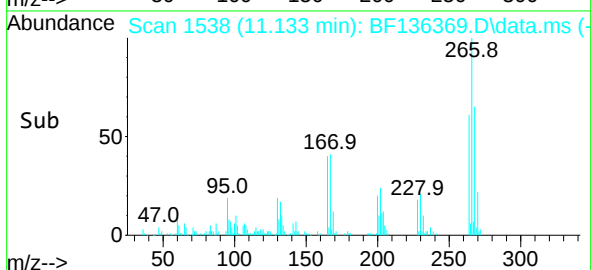
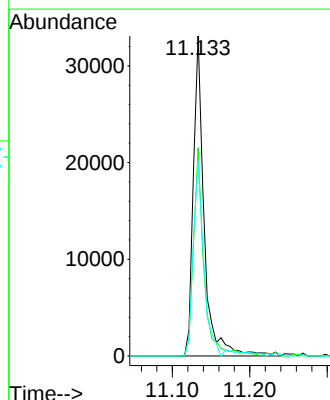
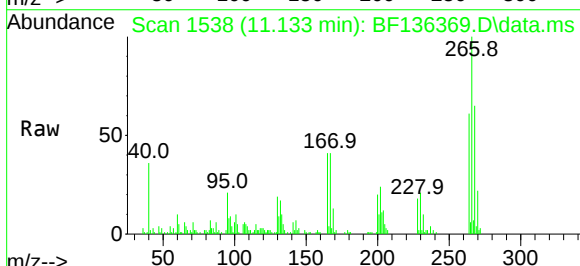
RT: 11.133 min Scan# 1538

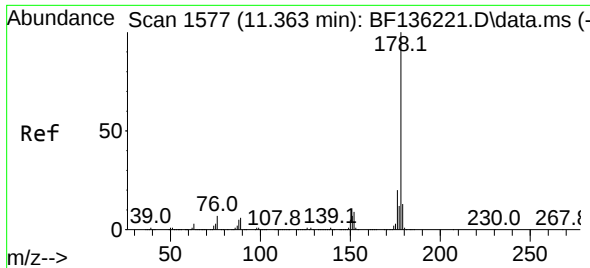
Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Tgt Ion:266	Resp:	32206
Ion Ratio	Lower	Upper
266	100	
268	65.1	47.9 71.9
264	60.9	49.1 73.7





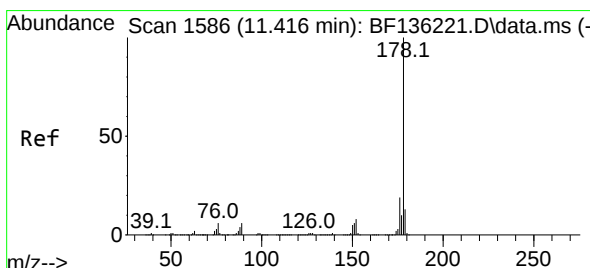
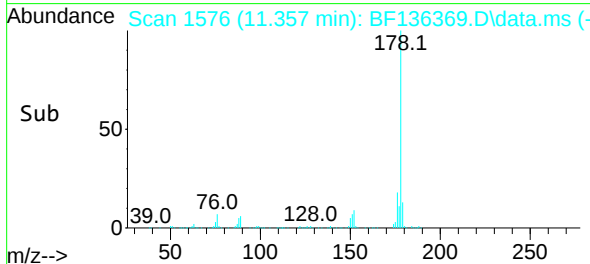
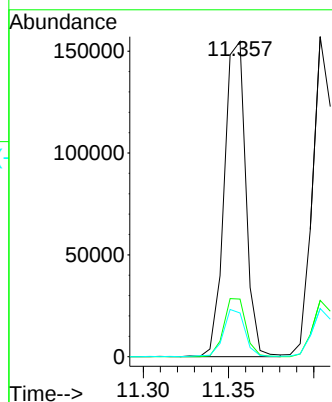
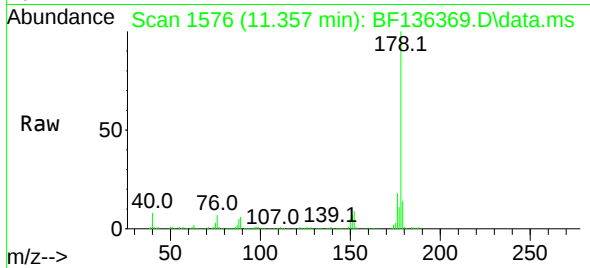
#71
Phenanthrene
Concen: 9.042 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL

Tgt Ion:178 Resp: 136314
Ion Ratio Lower Upper
178 100
176 18.3 16.2 24.2
179 13.9 10.3 15.5

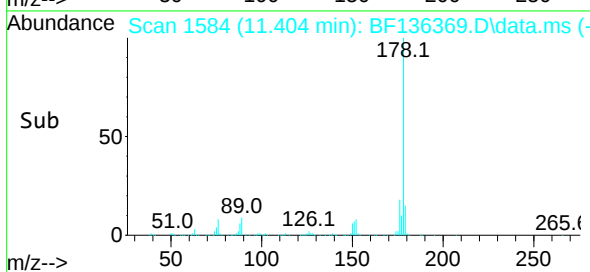
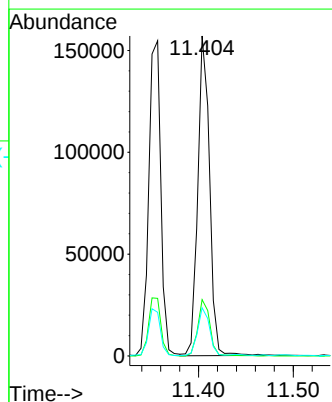
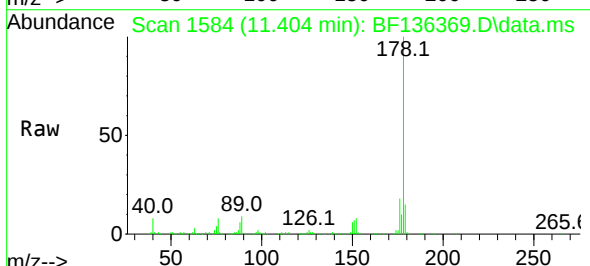
Manual Integrations
APPROVED

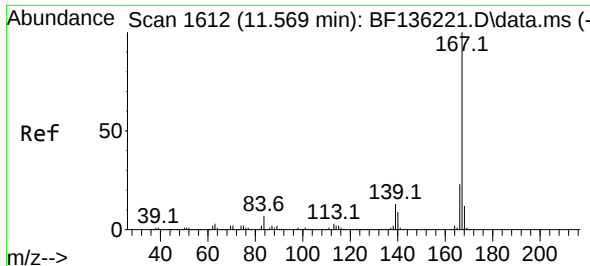
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#72
Anthracene
Concen: 8.990 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

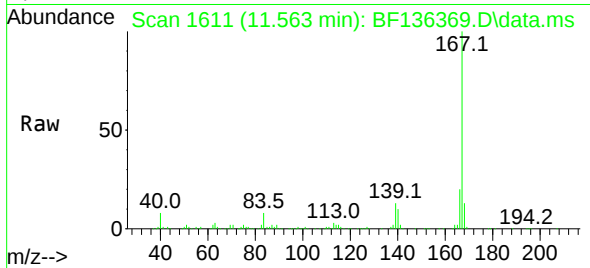
Tgt Ion:178 Resp: 135913
Ion Ratio Lower Upper
178 100
176 17.6 15.5 23.3
179 15.0 10.5 15.7





#73
 Carbazole
 Concen: 8.894 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF136369.D
 Acq: 02 Dec 2023 09:26

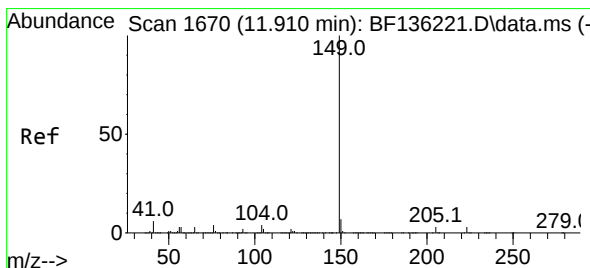
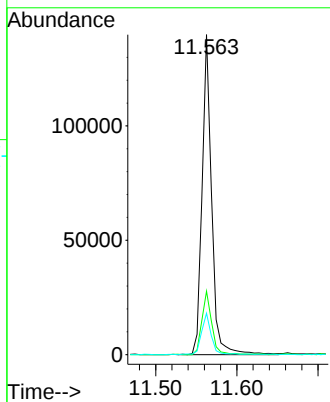
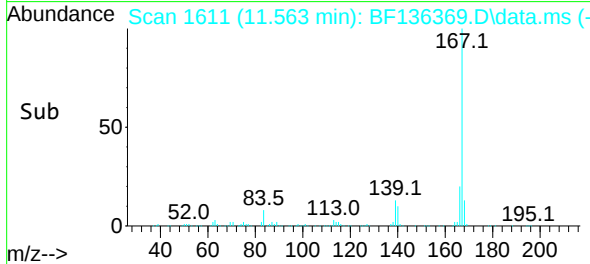
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823DL



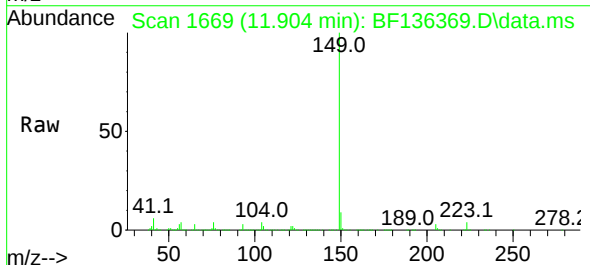
Tgt Ion:167 Resp: 114360
 Ion Ratio Lower Upper
 167 100
 166 19.8 18.4 27.6
 139 13.0 10.5 15.7

Manual Integrations
 APPROVED

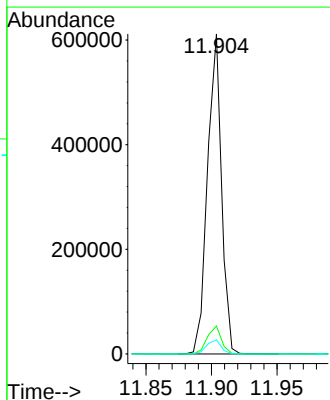
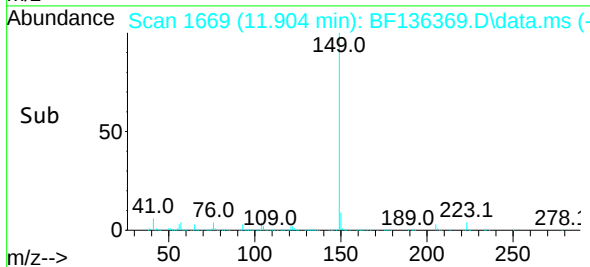
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

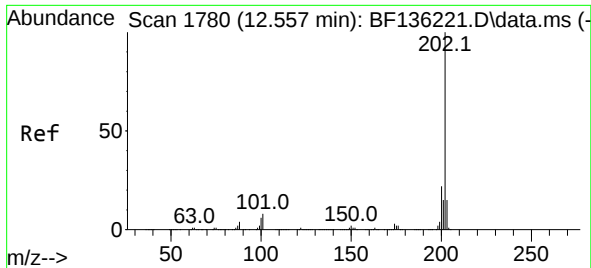


#74
 Di-n-butylphthalate
 Concen: 28.393 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136369.D
 Acq: 02 Dec 2023 09:26



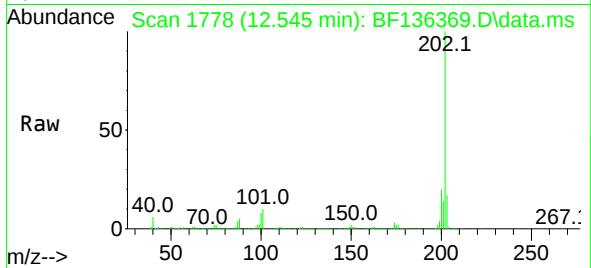
Tgt Ion:149 Resp: 456798
 Ion Ratio Lower Upper
 149 100
 150 8.7 6.0 9.0
 104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 11.527 ng
RT: 12.545 min Scan# 1780
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

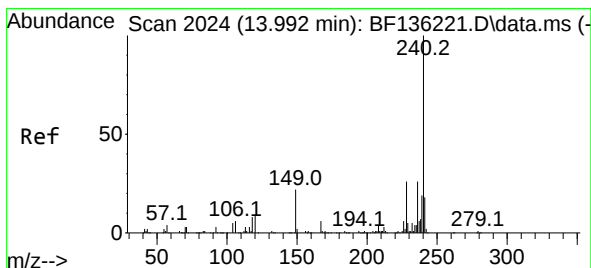
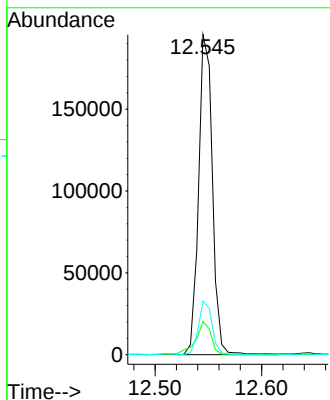
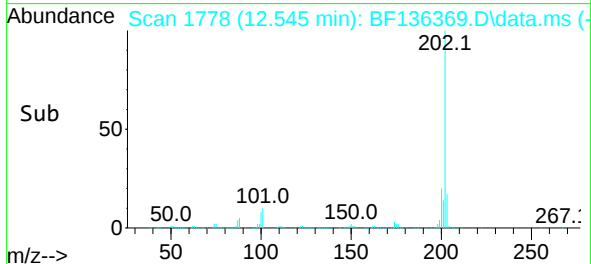
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



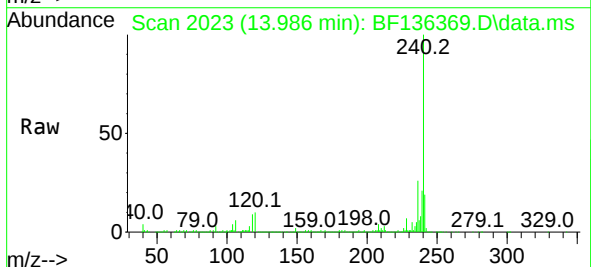
Tgt Ion:202 Resp: 17642
Ion Ratio Lower Upper
202 100
101 10.3 0.0 27.8
203 16.8 0.0 34.5

Manual Integrations
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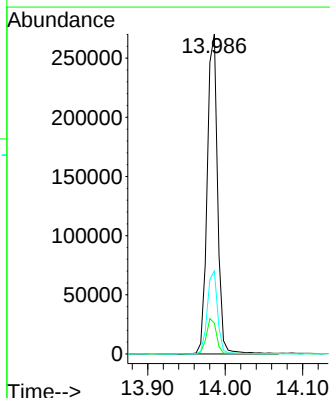
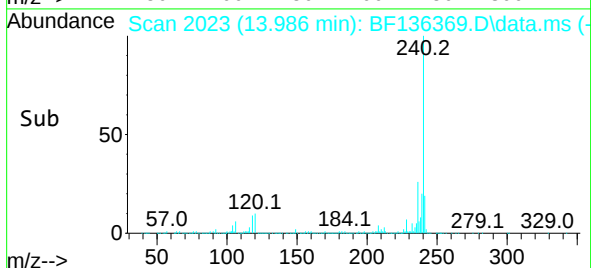
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

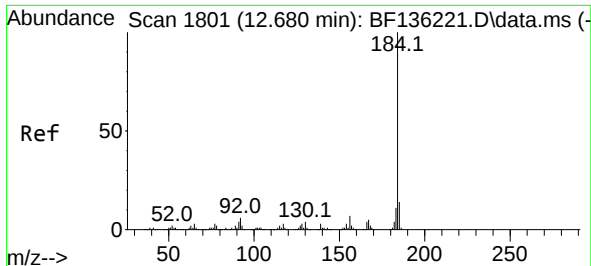


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:240 Resp: 251765
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.2
236 26.0 21.1 31.7





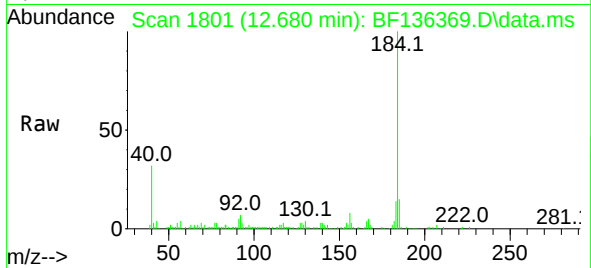
#77
Benzidine
Concen: 10.524 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



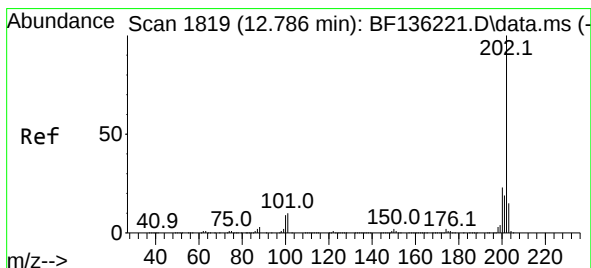
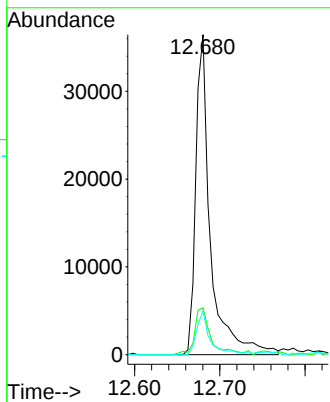
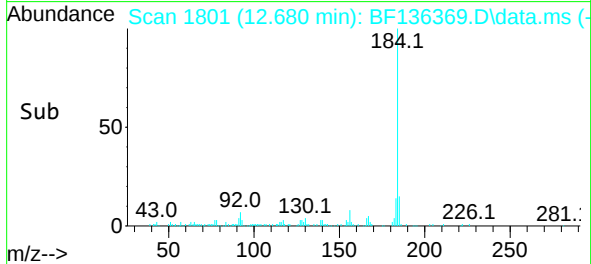
Tgt Ion:184 Resp: 4355
Ion Ratio Lower Upper
184 100
185 14.7 11.0 16.6
183 13.6 9.0 13.4

Manual Integrations

APPROVED

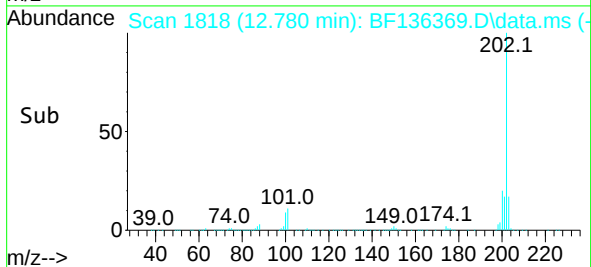
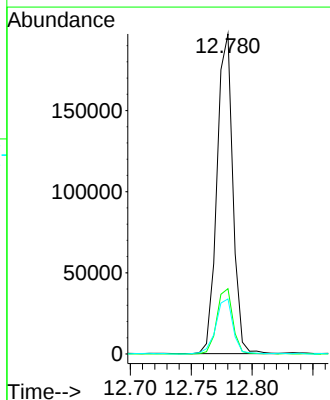
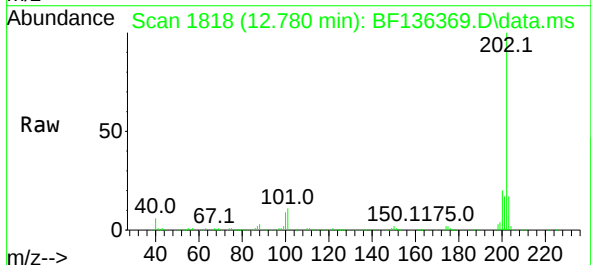
Reviewed By :Yogesh Patel 12/04/2023

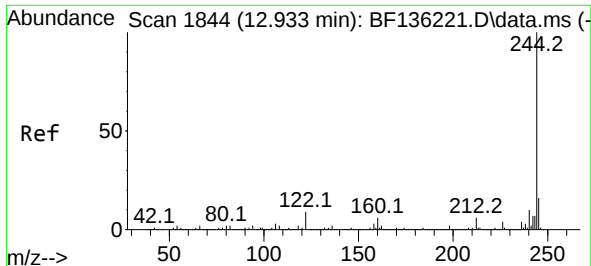
Supervised By :mohammad ahmed 12/05/2023



#78
Pyrene
Concen: 6.493 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:202 Resp: 179037
Ion Ratio Lower Upper
202 100
200 20.4 18.4 27.6
203 17.2 11.8 17.6





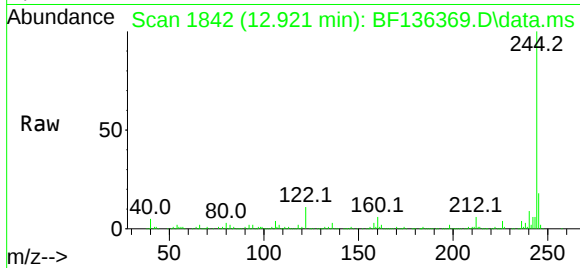
#79
Terphenyl-d14
Concen: 8.911 ng
RT: 12.921 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL



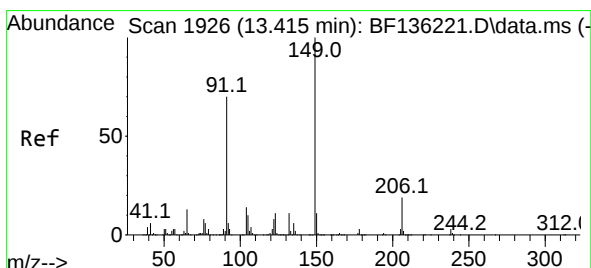
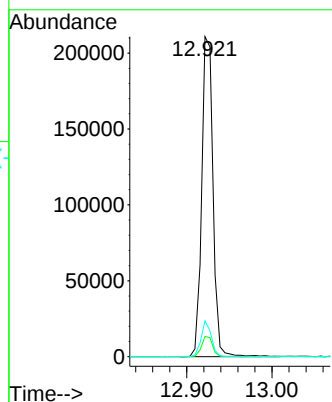
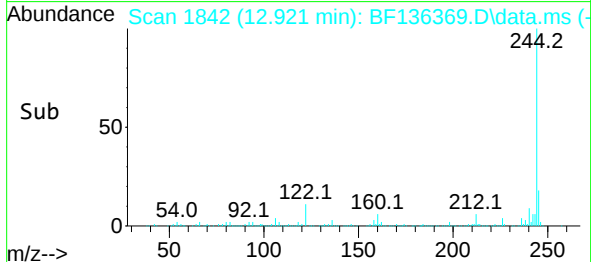
Tgt Ion:244 Resp: 194489
Ion Ratio Lower Upper
244 100
212 6.3 4.6 7.0
122 11.2 7.3 10.9

Manual Integrations

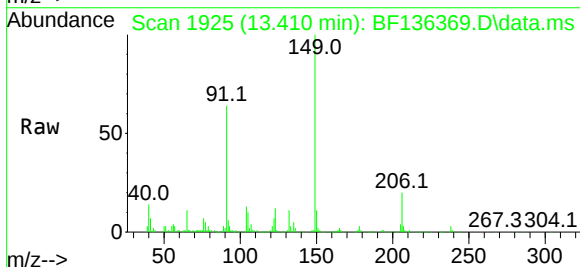
APPROVED

Reviewed By :Yogesh Patel 12/04/2023

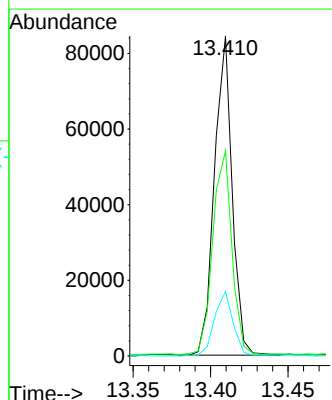
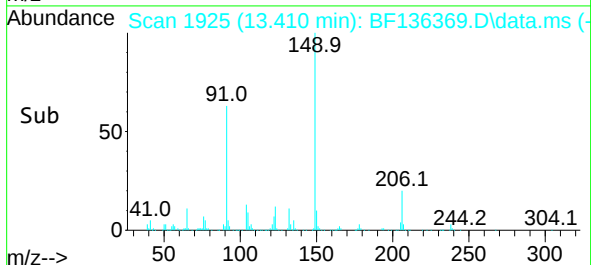
Supervised By :mohammad ahmed 12/05/2023

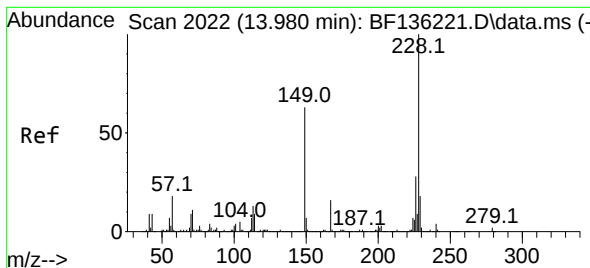


#80
Butylbenzylphthalate
Concen: 7.817 ng
RT: 13.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:149 Resp: 67076
Ion Ratio Lower Upper
149 100
91 64.1 56.4 84.6
206 20.2 14.8 22.2





#81

Benzo(a)anthracene

Concen: 9.058 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

Tgt Ion:228 Resp: 169394

Ion Ratio Lower Upper

228 100

226 26.7 22.6 34.0

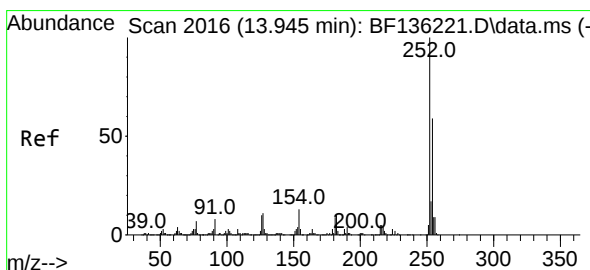
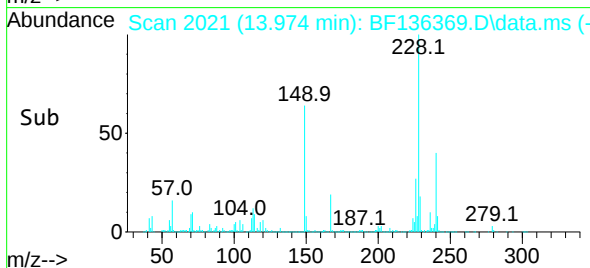
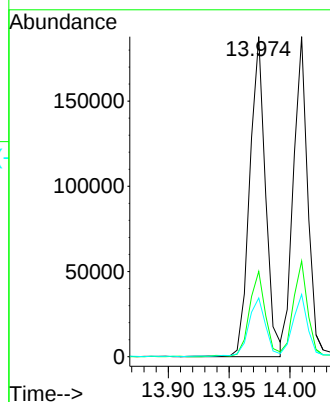
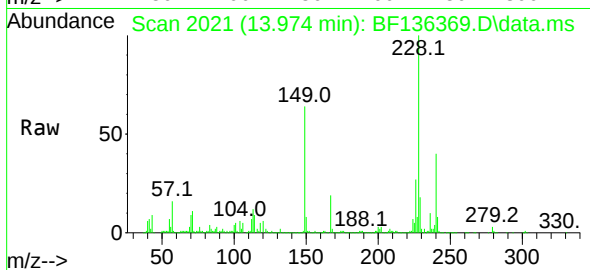
229 18.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#82

3,3'-Dichlorobenzidine

Concen: 5.863 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

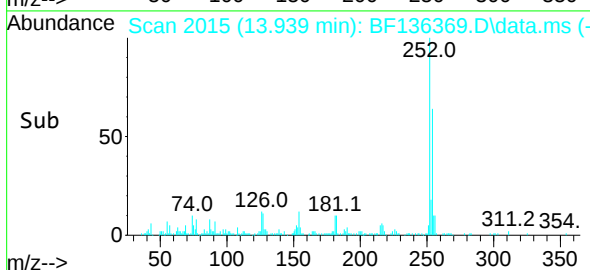
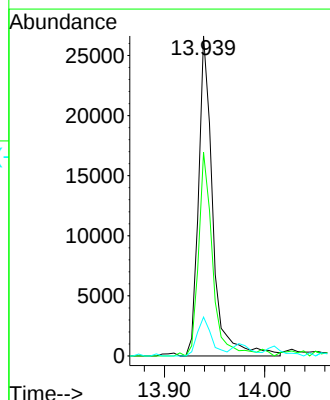
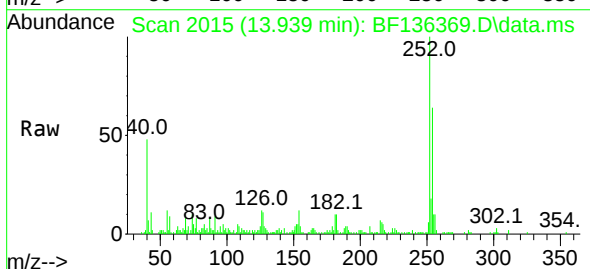
Tgt Ion:252 Resp: 26394

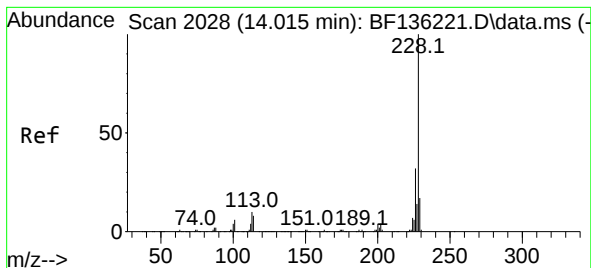
Ion Ratio Lower Upper

252 100

254 63.6 47.4 71.2

126 12.1 8.3 12.5





#83

Chrysene

Concen: 8.495 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

Tgt Ion:228 Resp: 15338

Ion Ratio Lower Upper

228 100

226 29.9 25.5 38.3

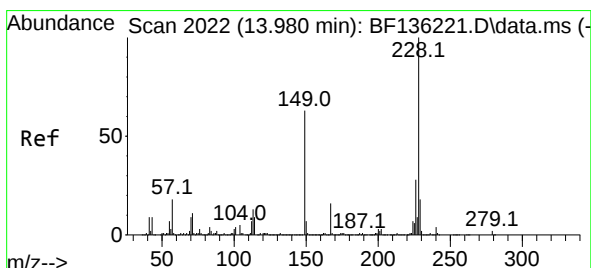
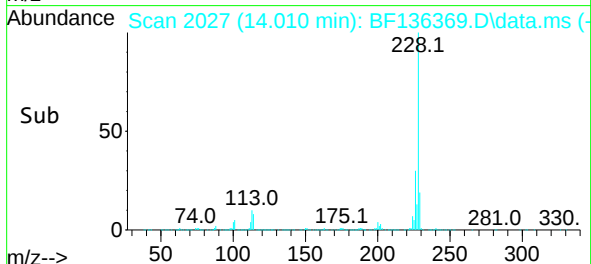
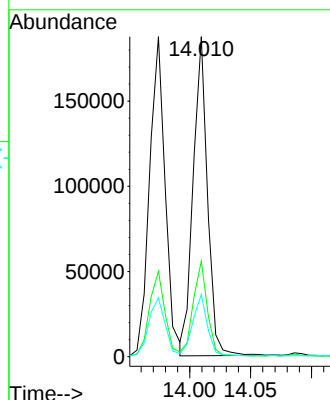
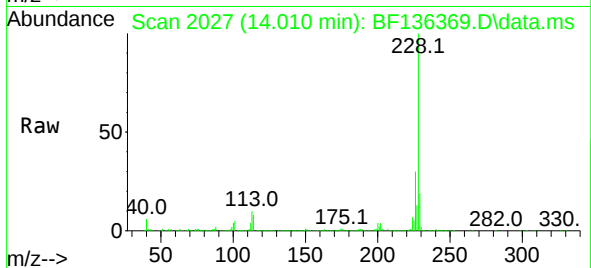
229 19.4 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.546 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136369.D

Acq: 02 Dec 2023 09:26

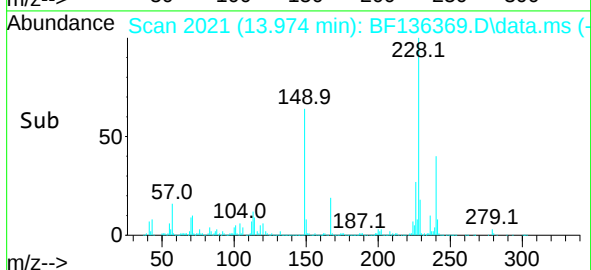
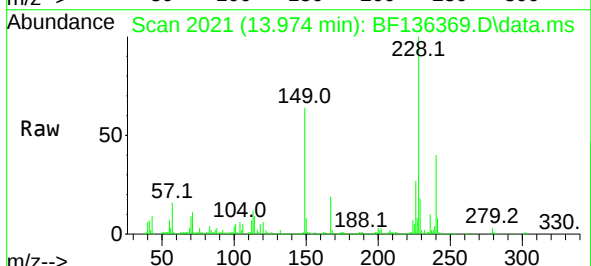
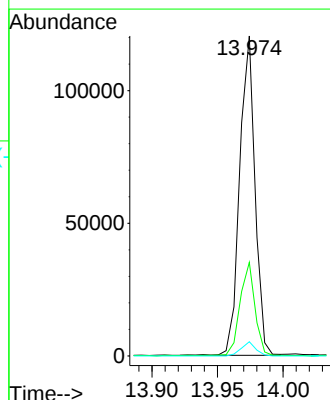
Tgt Ion:149 Resp: 98313

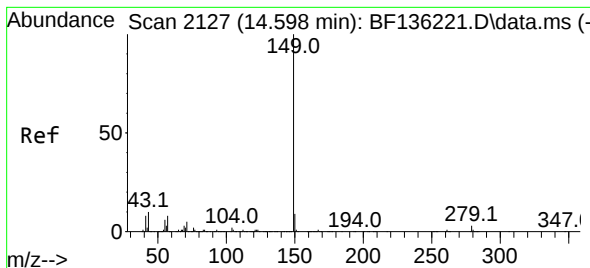
Ion Ratio Lower Upper

149 100

167 29.2 20.2 30.2

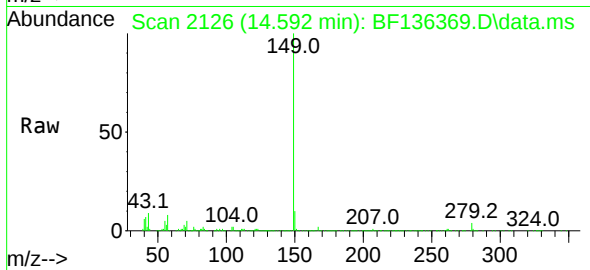
279 4.5 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 14.691 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

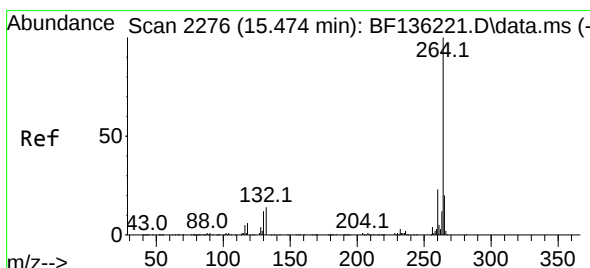
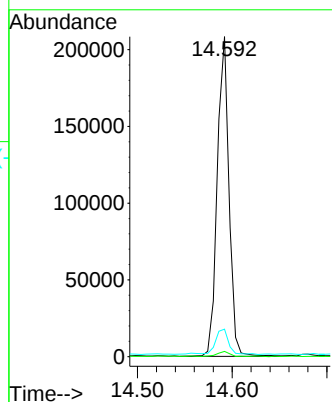
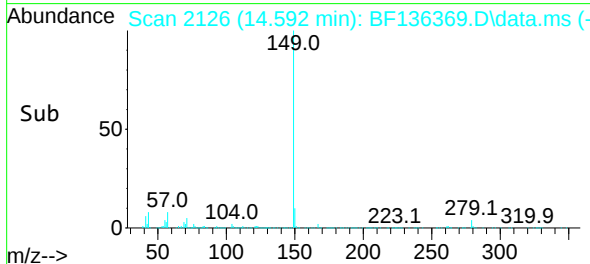
Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL



Tgt Ion:149 Resp: 178574
Ion Ratio Lower Upper
149 100
167 1.7 1.0 1.6
43 8.7 7.2 10.8

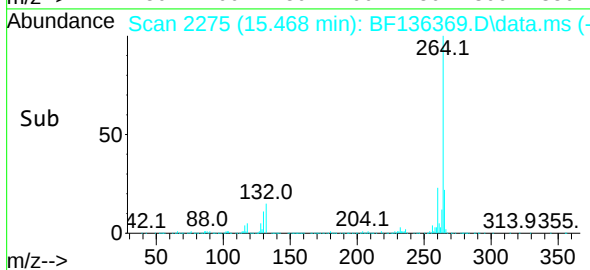
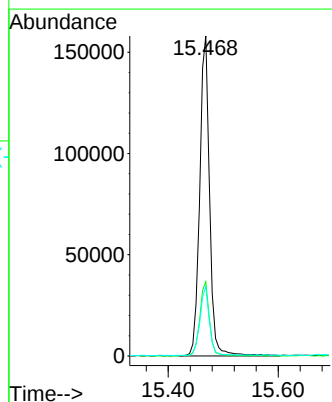
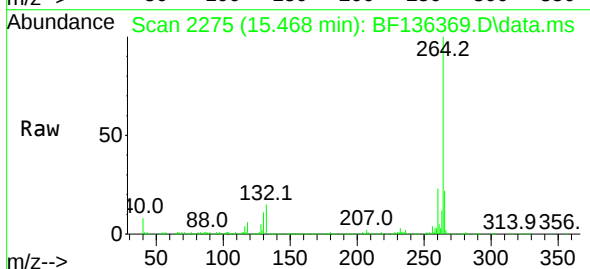
Manual Integrations
APPROVED

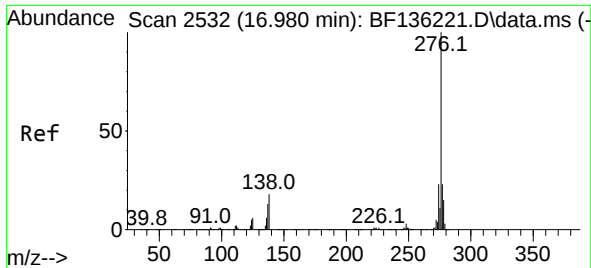
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:264 Resp: 197839
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.7 15.7 23.5





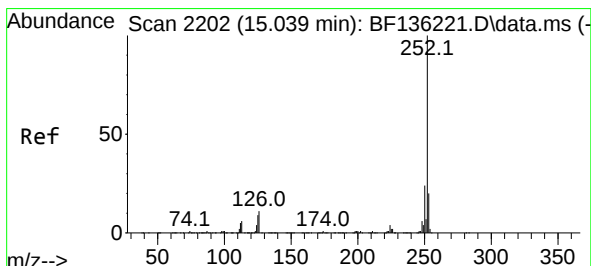
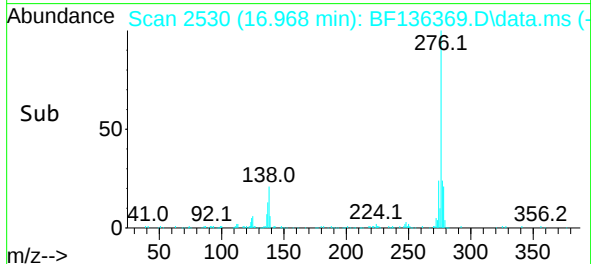
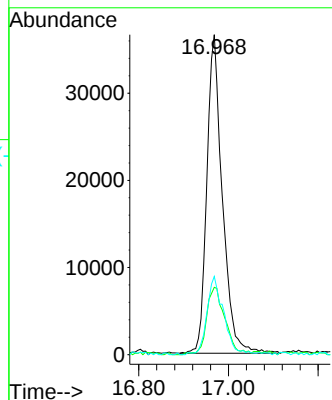
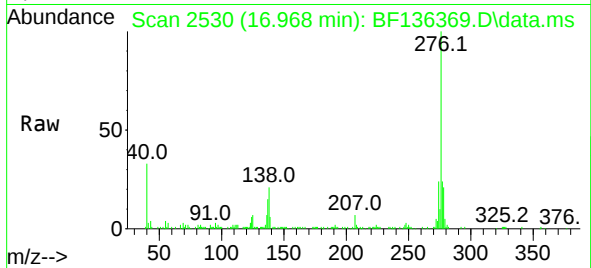
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.289 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :
BNA_F
ClientSampleId :
SU-03-112823DL

Tgt Ion:276 Resp: 8786
Ion Ratio Lower Upper
276 100
138 25.2 17.7 26.5
277 26.5 19.6 29.4

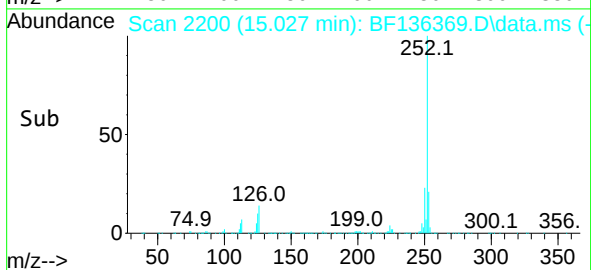
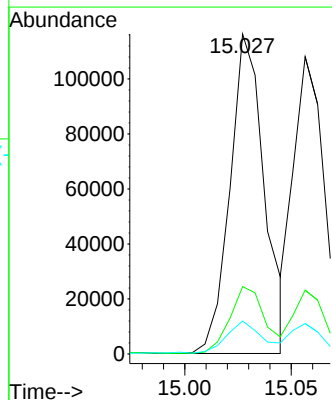
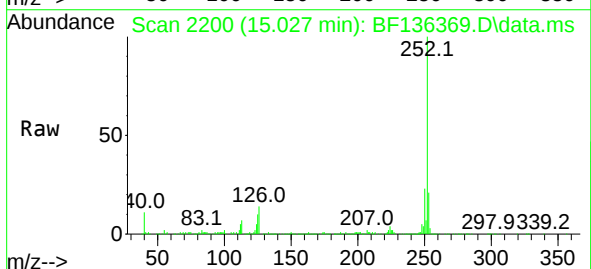
Manual Integrations
APPROVED

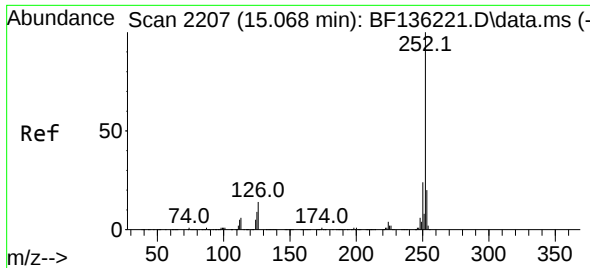
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#88
Benzo(b)fluoranthene
Concen: 9.452 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:252 Resp: 131199
Ion Ratio Lower Upper
252 100
253 21.1 16.2 24.2
125 10.3 6.9 10.3





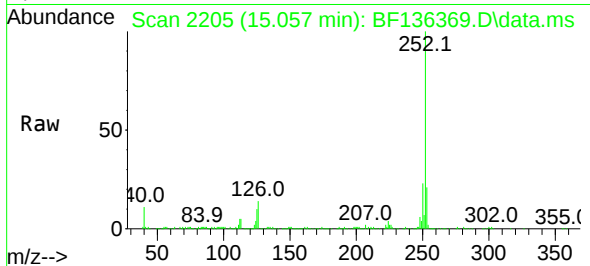
#89
Benzo(k)fluoranthene
Concen: 8.590 ng
RT: 15.057 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

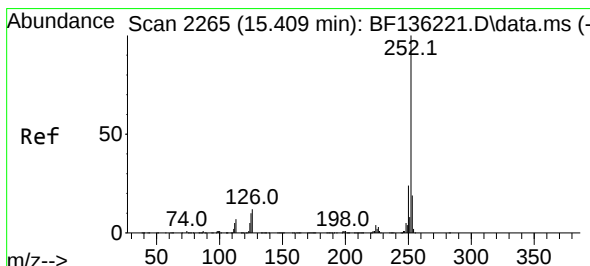
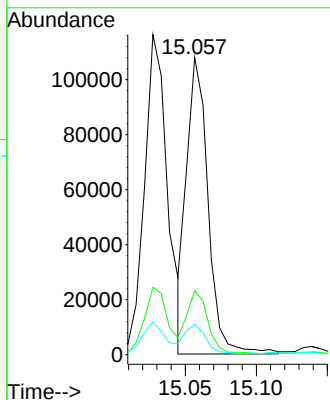
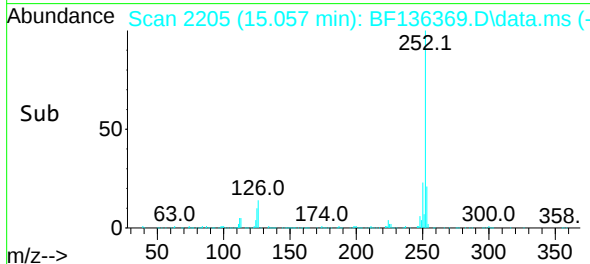


Tgt Ion:252 Resp: 113230
Ion Ratio Lower Upper
252 100
253 21.5 15.6 23.4
125 10.2 7.0 10.4

Manual Integrations

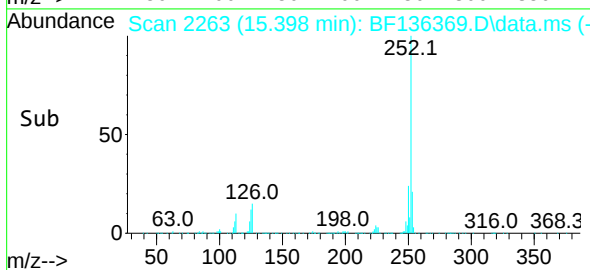
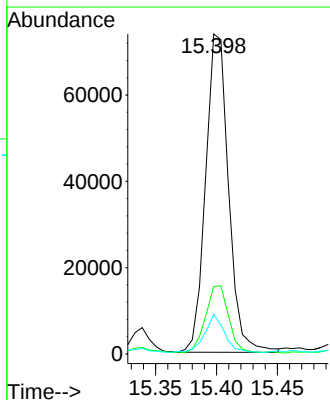
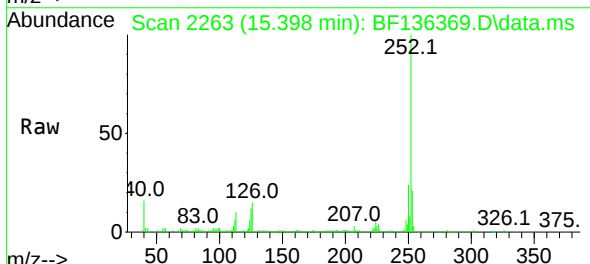
APPROVED

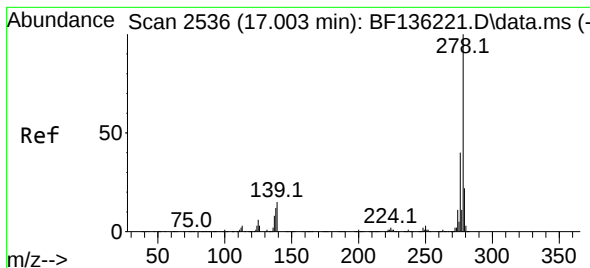
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#90
Benzo(a)pyrene
Concen: 8.523 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.011 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Tgt Ion:252 Resp: 96709
Ion Ratio Lower Upper
252 100
253 21.1 15.5 23.3
125 12.4 7.9 11.9#





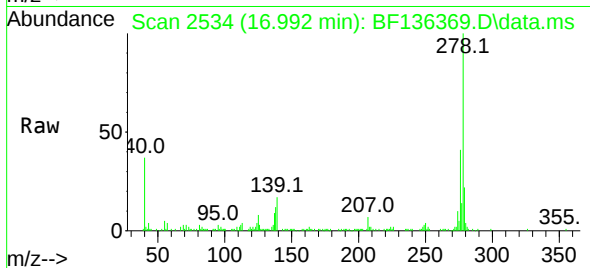
#91
Dibenzo(a,h)anthracene
Concen: 8.391 ng
RT: 16.992 min Scan# 21419
Delta R.T. -0.011 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

SU-03-112823DL

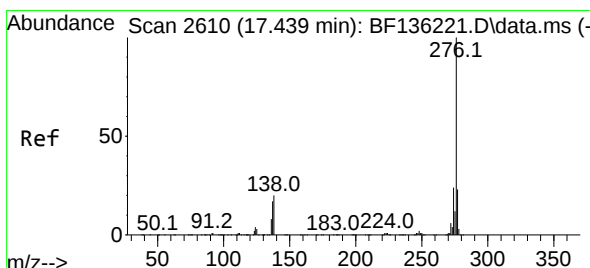
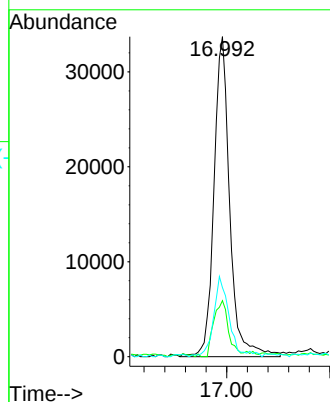
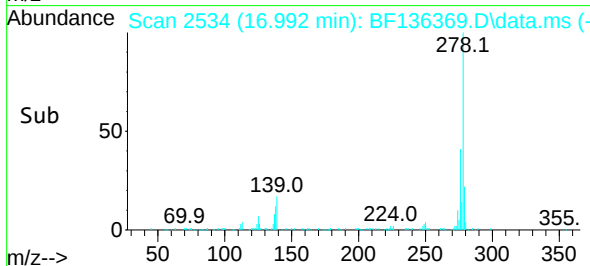


Tgt Ion:278 Resp: 71419
Ion Ratio Lower Upper
278 100
139 17.5 11.7 17.5
279 21.6 17.8 26.8

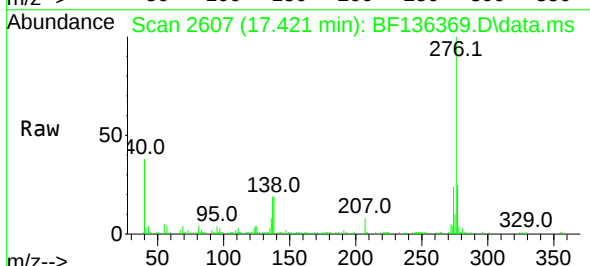
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#92
Benzo(g,h,i)perylene
Concen: 7.773 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.018 min
Lab File: BF136369.D
Acq: 02 Dec 2023 09:26



Tgt Ion:276 Resp: 72828
Ion Ratio Lower Upper
276 100
277 24.8 18.6 27.8
138 19.5 15.8 23.8

