

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136936.D
 Acq On : 04 Jan 2024 12:32
 Operator : CG\JU
 Sample : PB158180BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB158180BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 12:56:11 2024

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82538	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	319407	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	164316	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	325198	20.000	ng	0.00
76) Chrysene-d12	13.974	240	180810	20.000	ng	0.00
86) Perylene-d12	15.457	264	156989	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	577487	109.167	ng	0.02
7) Phenol-d6	6.445	99	718492	104.821	ng	0.00
23) Nitrobenzene-d5	7.351	82	452060	72.423	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	223407	115.445	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	902304	73.857	ng	0.00
79) Terphenyl-d14	12.916	244	1022823	79.053	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	71768	32.561	ng	98
3) Pyridine	3.404	79	170763	31.754	ng	92
4) n-Nitrosodimethylamine	3.369	42	100434	34.972	ng	95
6) Aniline	6.457	93	221108	32.264	ng	# 13
8) 2-Chlorophenol	6.581	128	225699	38.988	ng	94
9) Benzaldehyde	6.340	77	93181	23.900	ng	98
10) Phenol	6.457	94	268282	36.665	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	212195	38.133	ng	96
12) 1,3-Dichlorobenzene	6.728	146	227617	36.043	ng	96
13) 1,4-Dichlorobenzene	6.804	146	232350	36.009	ng	97
14) 1,2-Dichlorobenzene	6.951	146	221169	36.835	ng	99
15) Benzyl Alcohol	6.939	79	179701	38.860	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	332333	36.529	ng	75
17) 2-Methylphenol	7.057	107	178521	37.225	ng	93
18) Hexachloroethane	7.287	117	82961	35.402	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	152631	36.733	ng	97
20) 3+4-Methylphenols	7.210	107	228835	38.194	ng	# 53
22) Acetophenone	7.198	105	314213	39.248	ng	# 91
24) Nitrobenzene	7.369	77	225543	36.071	ng	99
25) Isophorone	7.610	82	418374	36.836	ng	99
26) 2-Nitrophenol	7.686	139	118324	39.552	ng	100
27) 2,4-Dimethylphenol	7.728	122	199699	54.831	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	262594	38.036	ng	99
29) 2,4-Dichlorophenol	7.934	162	184227	39.290	ng	94
30) 1,2,4-Trichlorobenzene	8.004	180	196151	37.546	ng	98
31) Naphthalene	8.086	128	646897	36.866	ng	99
32) Benzoic acid	7.881	122	139032	39.453	ng	96
33) 4-Chloroaniline	8.139	127	131757	20.337	ng	98
34) Hexachlorobutadiene	8.198	225	113864	35.873	ng	99
35) Caprolactam	8.522	113	63326m	40.939	ng	
36) 4-Chloro-3-methylphenol	8.639	107	201788	38.227	ng	99
37) 2-Methylnaphthalene	8.775	142	427352	37.842	ng	98
38) 1-Methylnaphthalene	8.875	142	396963	35.829	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	204583	40.203	ng	99
41) Hexachlorocyclopentadiene	8.928	237	140532	86.208	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	130425	39.964	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	138279	38.023	ng	99
46) 1,1'-Biphenyl	9.245	154	545395	39.554	ng	98
47) 2-Chloronaphthalene	9.269	162	397076	37.881	ng	99
48) 2-Nitroaniline	9.375	65	130479	39.750	ng	95
49) Acenaphthylene	9.686	152	635318	39.653	ng	100
50) Dimethylphthalate	9.551	163	478471	39.866	ng	100
51) 2,6-Dinitrotoluene	9.616	165	105370	38.684	ng	# 87
52) Acenaphthene	9.857	154	387167	38.983	ng	98
53) 3-Nitroaniline	9.786	138	86871	30.107	ng	97
54) 2,4-Dinitrophenol	9.904	184	98637	66.023	ng	88
55) Dibenzofuran	10.033	168	574243	38.142	ng	97
56) 4-Nitrophenol	9.975	139	128187	65.810	ng	98
57) 2,4-Dinitrotoluene	10.028	165	136342	38.557	ng	# 95
58) Fluorene	10.375	166	474386	39.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	116628	41.660	ng	99
60) Diethylphthalate	10.251	149	491022	39.430	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	227013	39.097	ng	99
62) 4-Nitroaniline	10.410	138	107683	38.712	ng	95
63) Azobenzene	10.528	77	451166	38.790	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	74163	39.793	ng	92
66) n-Nitrosodiphenylamine	10.492	169	429299	40.638	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	140367	38.866	ng	99
68) Hexachlorobenzene	10.922	284	153528	38.146	ng	94
69) Atrazine	11.027	200	195445	72.335	ng	98
70) Pentachlorophenol	11.127	266	116056	61.864	ng	98
71) Phenanthrene	11.345	178	681982	40.871	ng	100
72) Anthracene	11.398	178	690429	40.857	ng	99
73) Carbazole	11.557	167	639895	40.163	ng	99
74) Di-n-butylphthalate	11.880	149	805244	41.419	ng	100
75) Fluoranthene	12.539	202	706702	39.595	ng	99
77) Benzidine	12.663	184	164579	30.870	ng	99
78) Pyrene	12.769	202	705822	39.766	ng	100
80) Butylbenzylphthalate	13.386	149	287735	44.551	ng	97
81) Benzo(a)anthracene	13.963	228	511177	40.714	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	143077	40.127	ng	98
83) Chrysene	14.004	228	483178	39.354	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	395731	48.699	ng	97
85) Di-n-octyl phthalate	14.568	149	584943	46.536	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	490289	43.255	ng	100
88) Benzo(b)fluoranthene	15.021	252	451588	43.068	ng	98
89) Benzo(k)fluoranthene	15.057	252	398206	40.191	ng	97
90) Benzo(a)pyrene	15.398	252	375813	42.461	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	409025	43.986	ng	97
92) Benzo(g,h,i)perylene	17.439	276	406008	42.629	ng	99

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

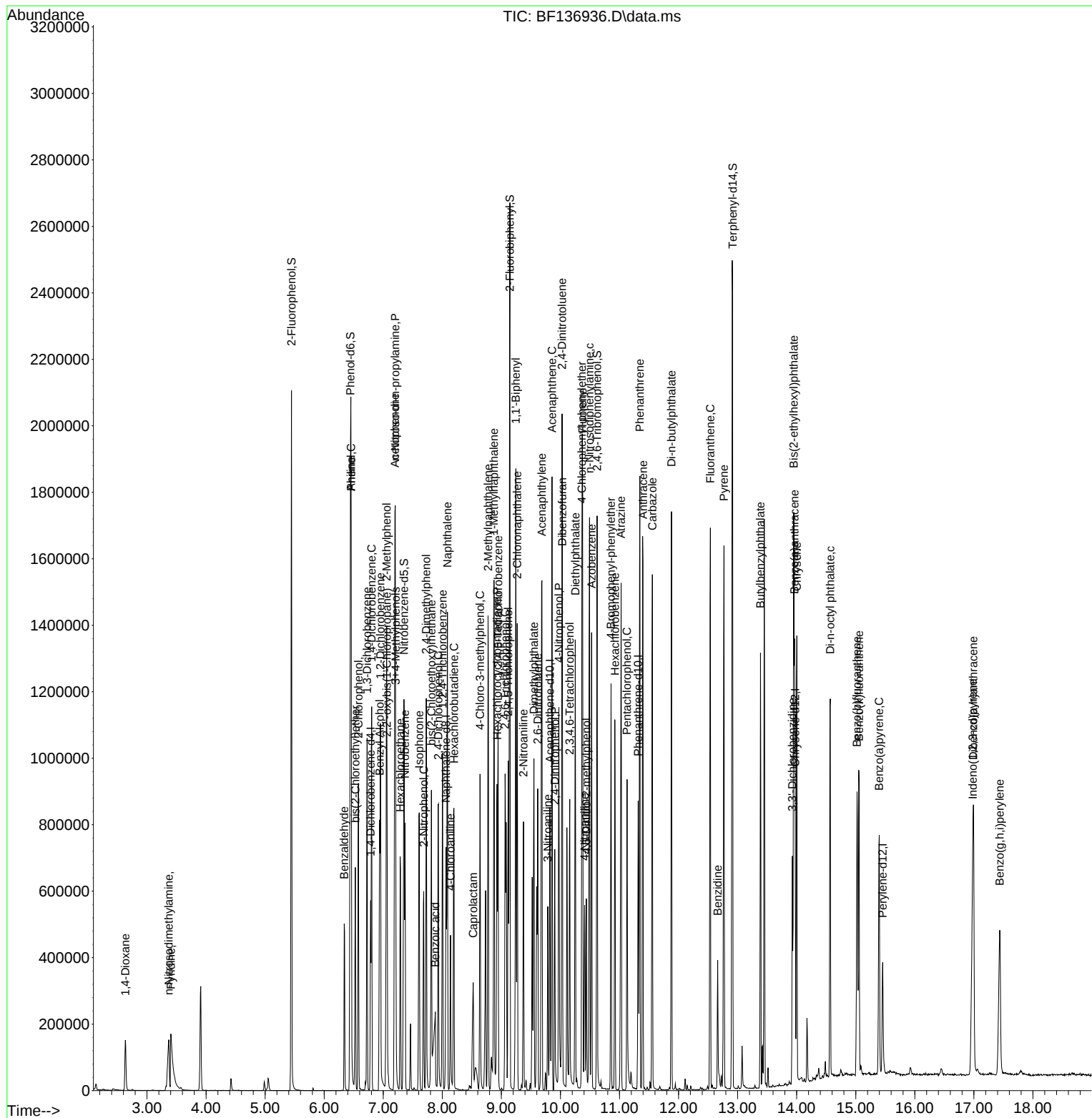
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Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

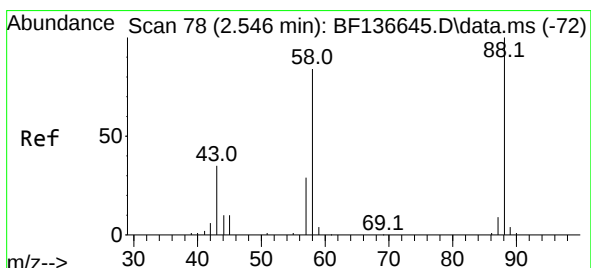
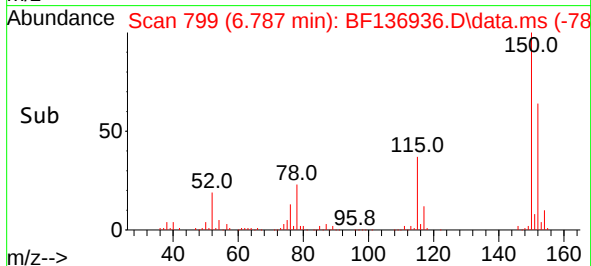
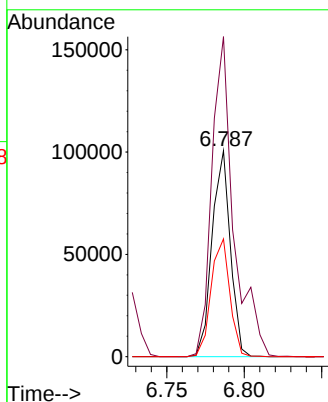
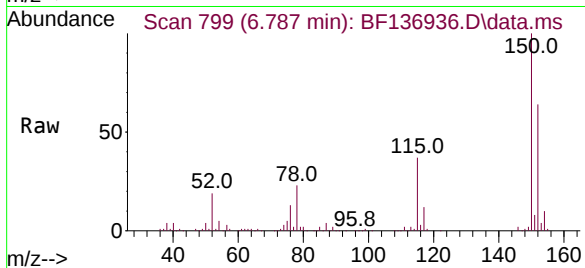
ClientSampleId :

PB158180BS

Tgt Ion:152 Resp: 82538
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 57.2 49.0 73.4

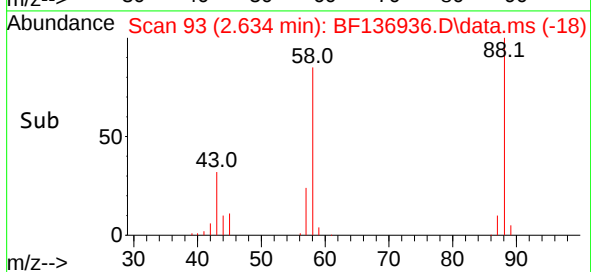
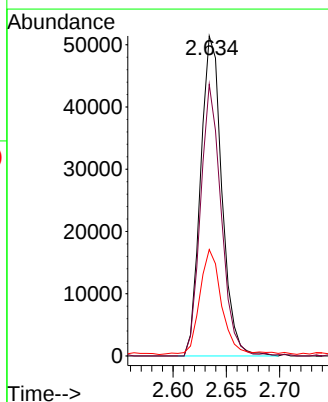
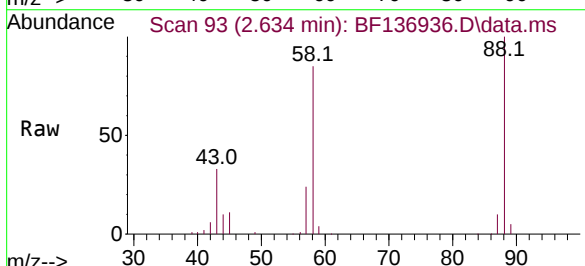
Manual Integrations
APPROVED

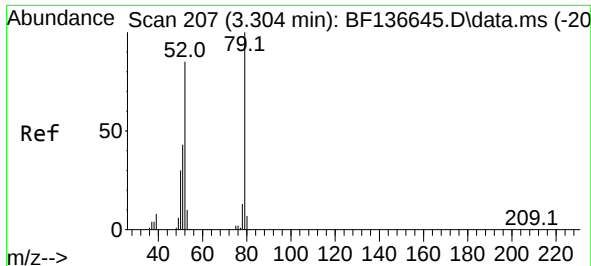
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#2
1,4-Dioxane
Concen: 32.561 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

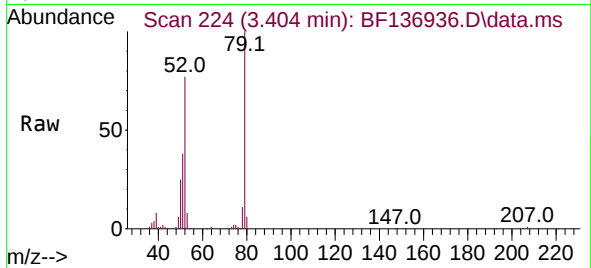
Tgt Ion: 88 Resp: 71768
Ion Ratio Lower Upper
88 100
58 82.4 67.4 101.0
43 33.3 27.7 41.5





#3
Pyridine
Concen: 31.754 ng
RT: 3.404 min Scan# 218
Delta R.T. 0.100 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

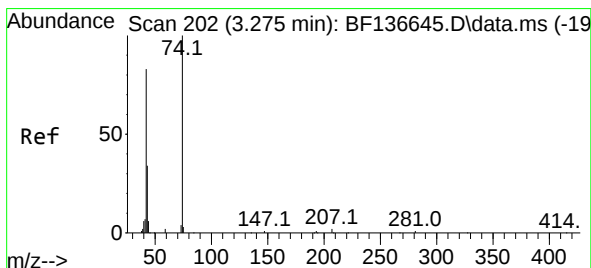
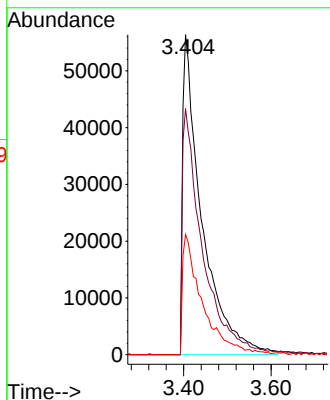
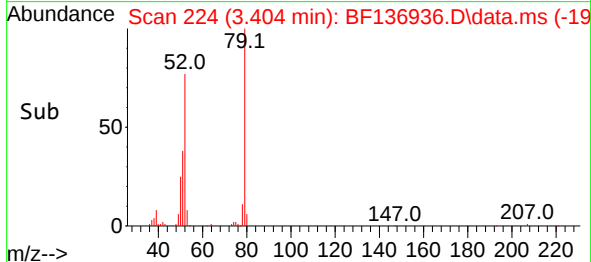
Instrument :
BNA_F
ClientSampleId :
PB158180BS



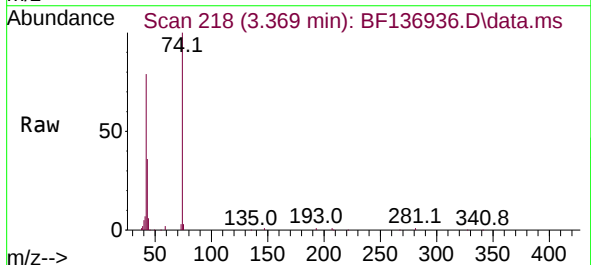
Tgt Ion: 79 Resp: 17076
Ion Ratio Lower Upper
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52 76.9 67.7 101.5
51 37.6 34.0 51.0

Manual Integrations
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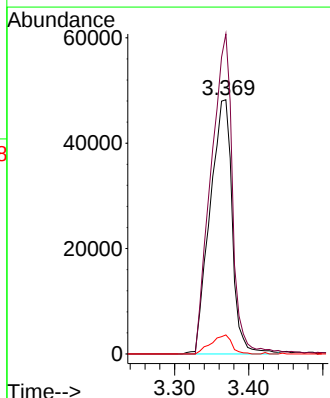
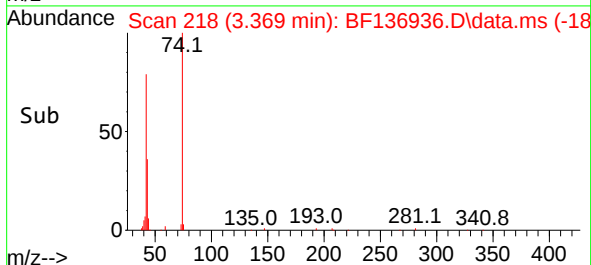
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

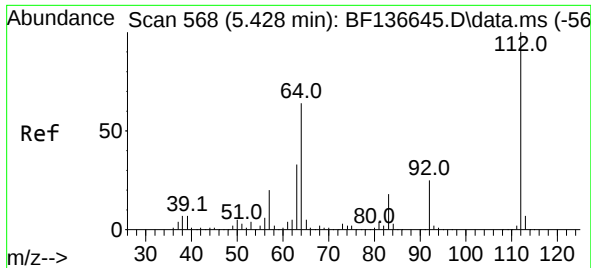


#4
n-Nitrosodimethylamine
Concen: 34.972 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion: 42 Resp: 100434
Ion Ratio Lower Upper
42 100
74 125.9 96.0 144.0
44 7.5 5.4 8.2





#5
2-Fluorophenol
Concen: 109.167 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

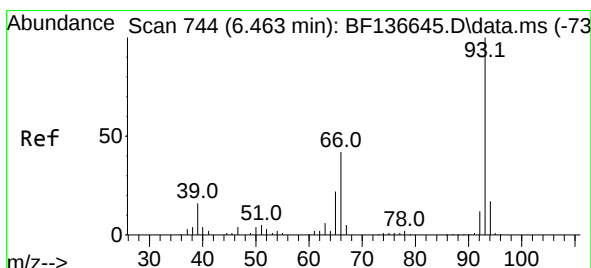
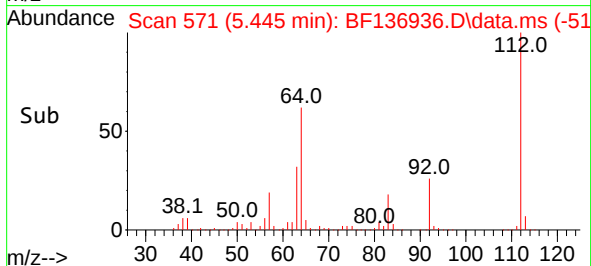
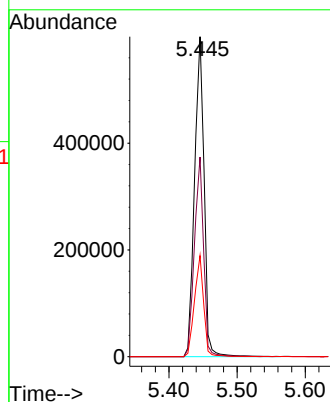
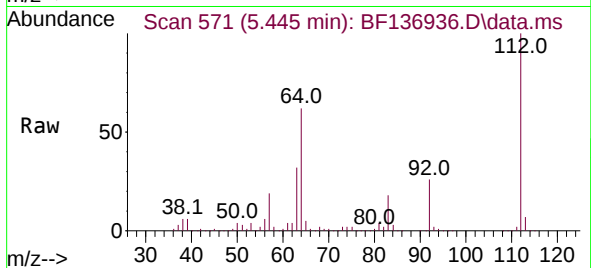
PB158180BS

Tgt Ion:112 Resp: 57748
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 31.6 26.1 39.1

Manual Integrations

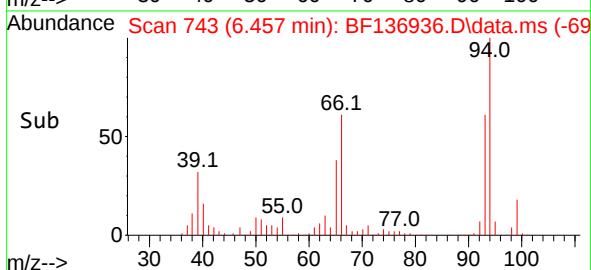
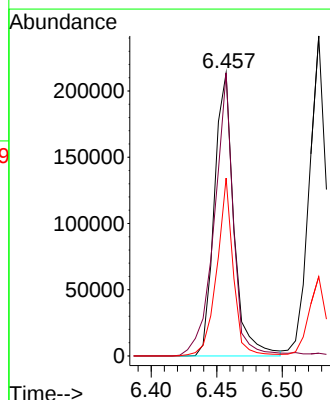
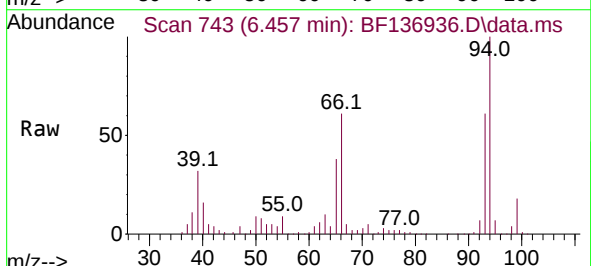
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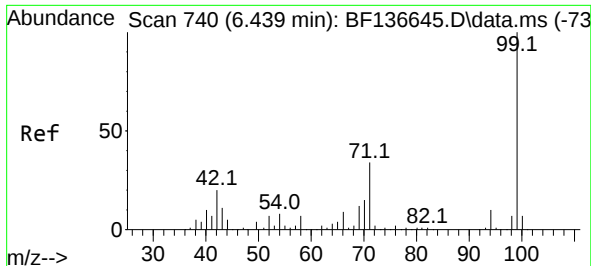
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#6
Aniline
Concen: 32.264 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion: 93 Resp: 221108
Ion Ratio Lower Upper
93 100
66 100.0 34.6 51.8#
65 62.8 17.8 26.8#





#7

Phenol-d6

Concen: 104.821 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

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Tgt Ion: 99 Resp: 71849

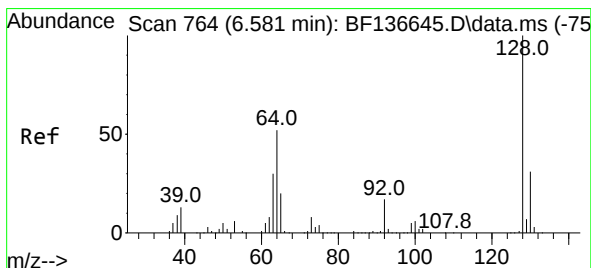
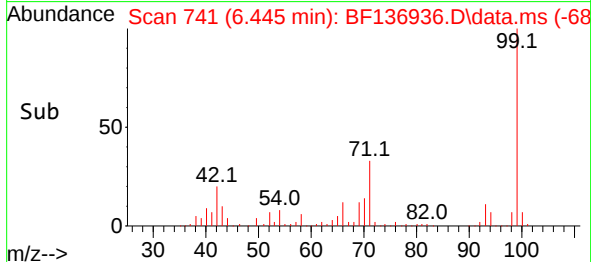
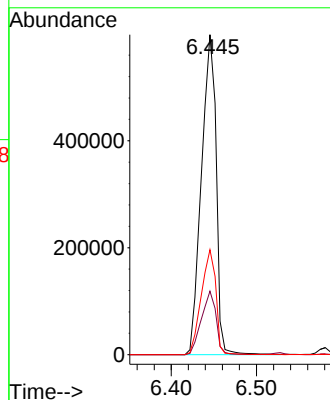
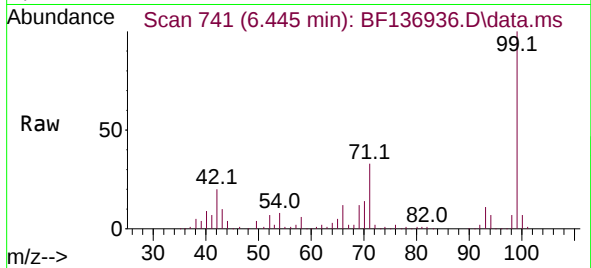
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.1	24.1
71	32.8	27.4	41.2

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#8

2-Chlorophenol

Concen: 38.988 ng

RT: 6.581 min Scan# 764

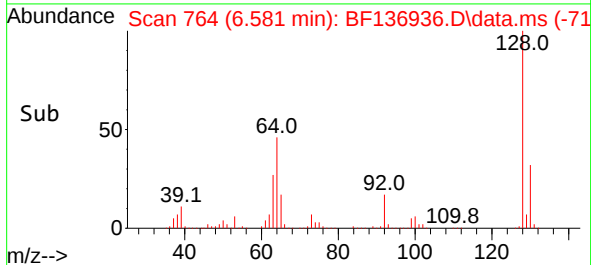
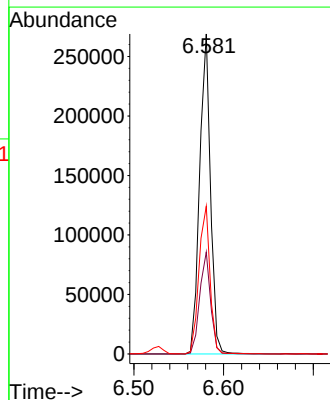
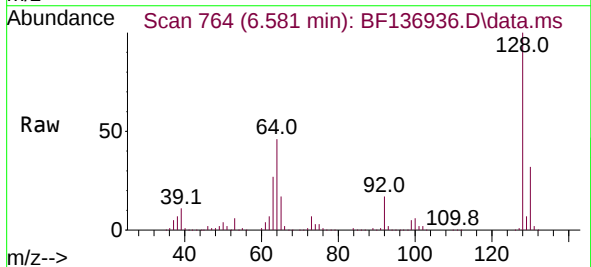
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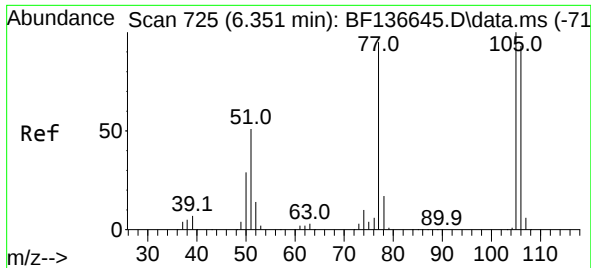
Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Tgt Ion:128 Resp: 225699

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.3	51.3
64	46.1	32.5	72.5





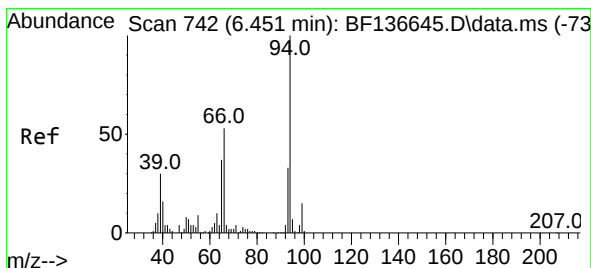
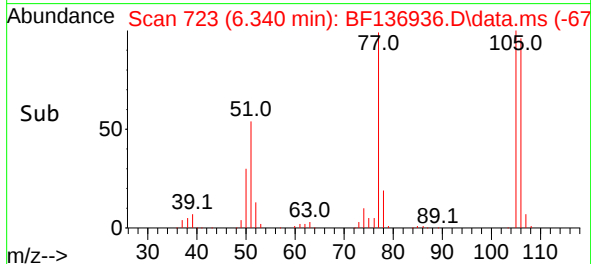
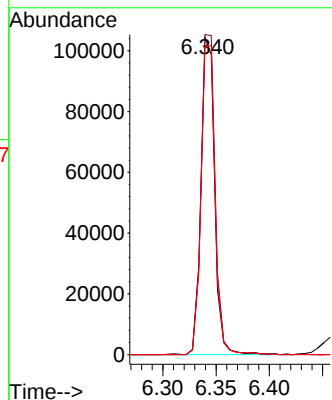
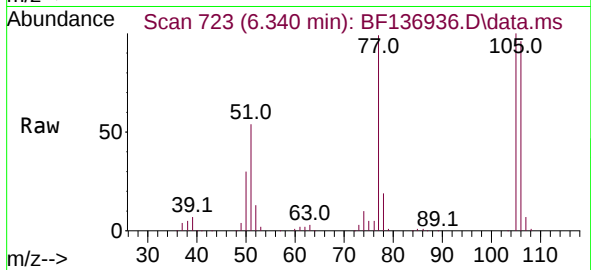
#9
Benzaldehyde
Concen: 23.900 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136936.D
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Instrument :
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ClientSampleId :
PB158180BS

Tgt Ion: 77 Resp: 9318
Ion Ratio Lower Upper
77 100
105 100.9 84.8 124.8
106 97.2 77.8 117.8

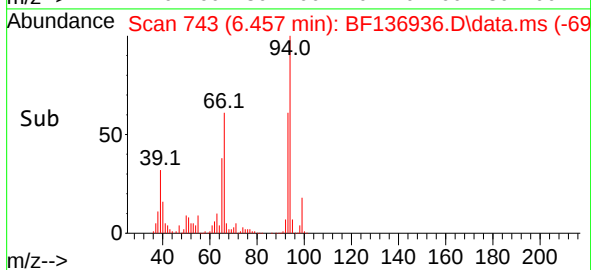
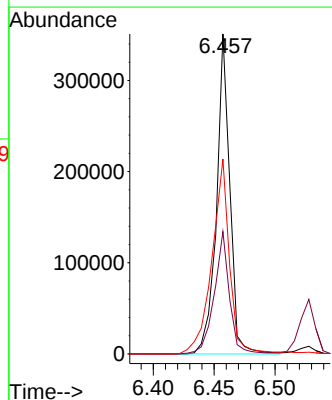
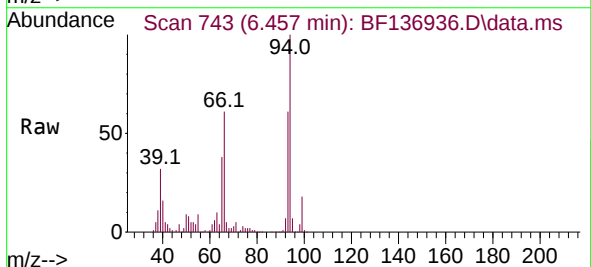
Manual Integrations
APPROVED

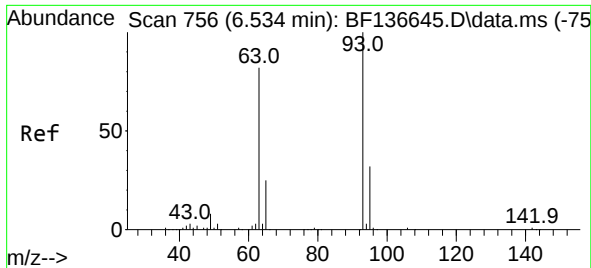
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#10
Phenol
Concen: 36.665 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

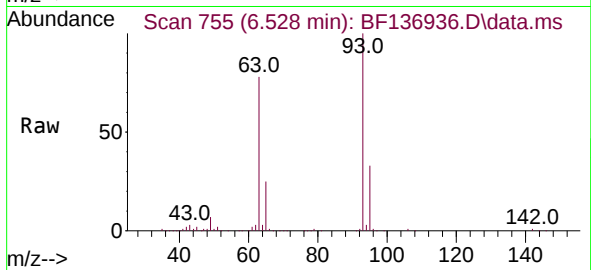
Tgt Ion: 94 Resp: 268282
Ion Ratio Lower Upper
94 100
65 38.3 16.6 56.6
66 60.9 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 38.133 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

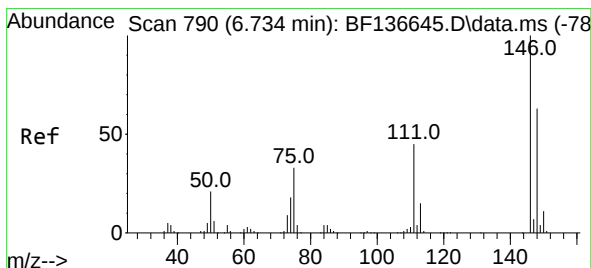
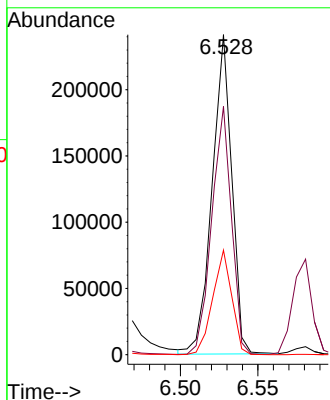
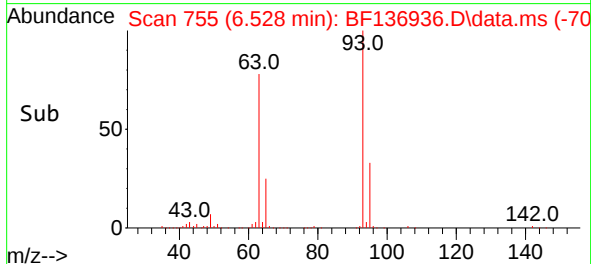
Instrument :
BNA_F
ClientSampleId :
PB158180BS



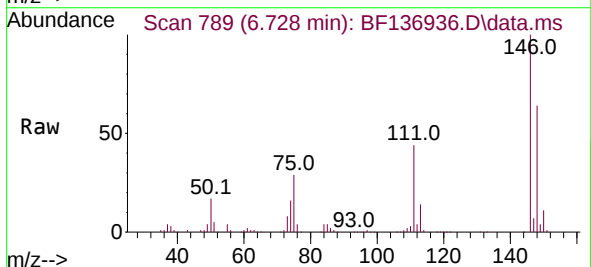
Tgt Ion: 93 Resp: 21219
Ion Ratio Lower Upper
93 100
63 77.5 61.2 101.2
95 32.7 11.6 51.6

Manual Integrations
APPROVED

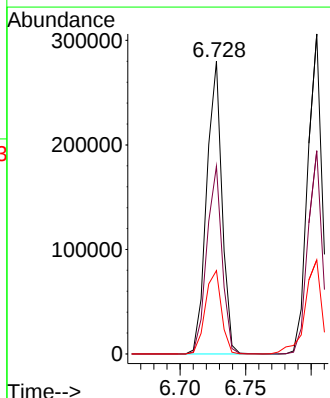
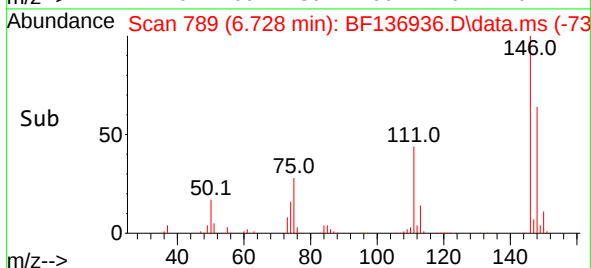
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

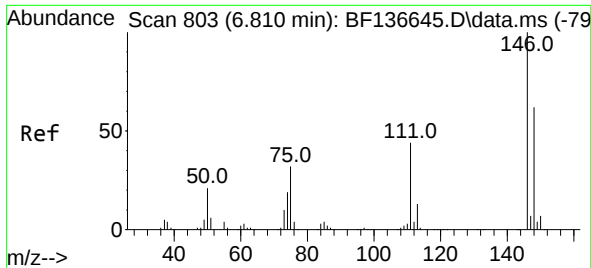


#12
1,3-Dichlorobenzene
Concen: 36.043 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:146 Resp: 227617
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 28.5 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.009 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

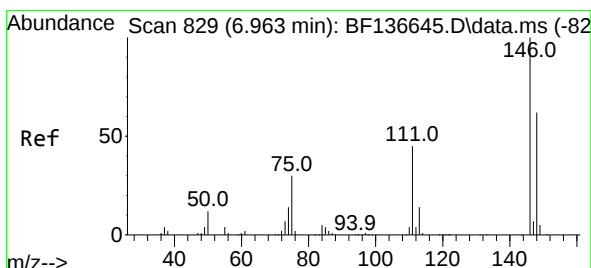
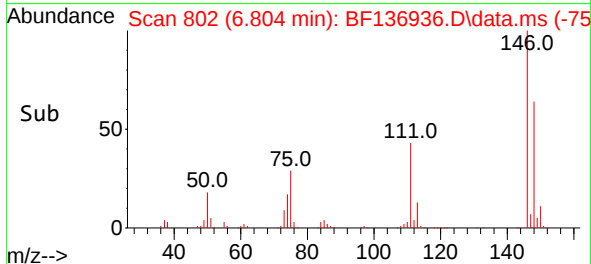
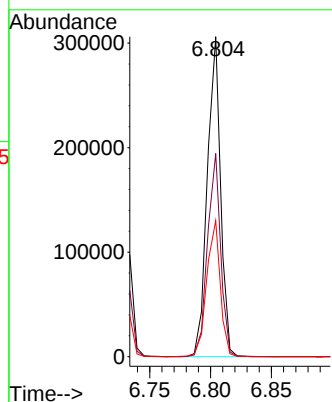
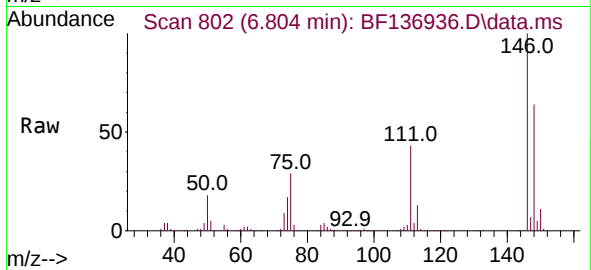
PB158180BS

Tgt Ion:146 Resp: 232350
Ion Ratio Lower Upper
146 100
148 63.5 49.2 73.8
111 42.5 35.2 52.8

Manual Integrations

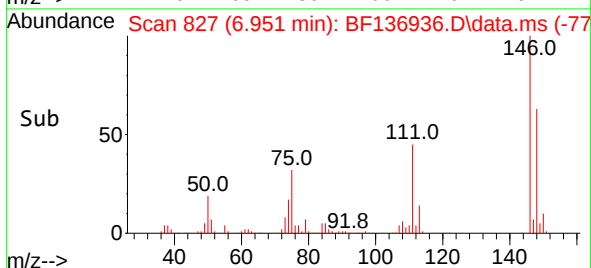
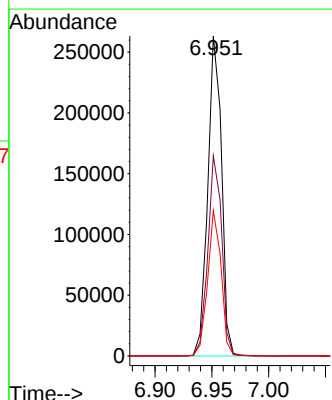
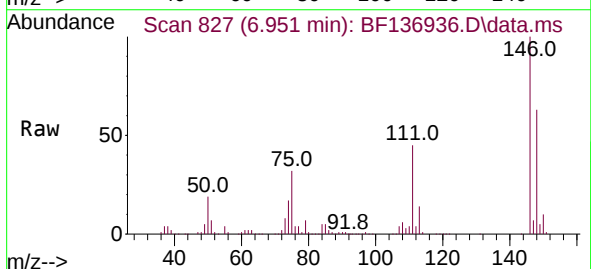
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#14
1,2-Dichlorobenzene
Concen: 36.835 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

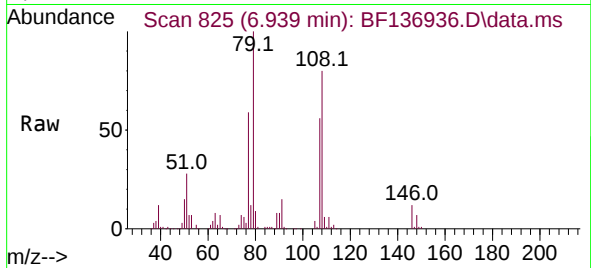
Tgt Ion:146 Resp: 221169
Ion Ratio Lower Upper
146 100
148 62.6 49.6 74.4
111 45.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 38.860 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

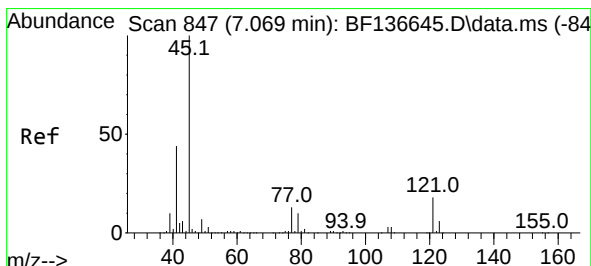
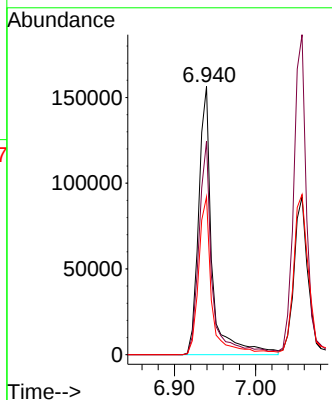
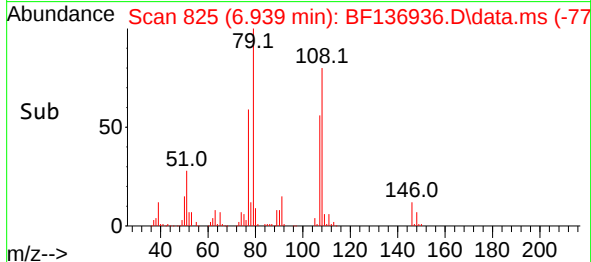
Instrument :
BNA_F
ClientSampleId :
PB158180BS



Tgt Ion: 79 Resp: 17970
Ion Ratio Lower Upper
79 100
108 79.6 61.0 91.6
77 58.8 49.8 74.8

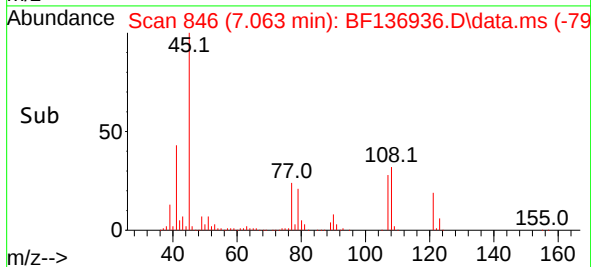
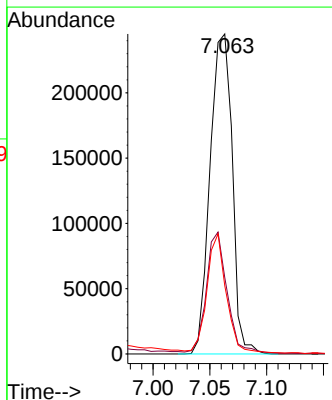
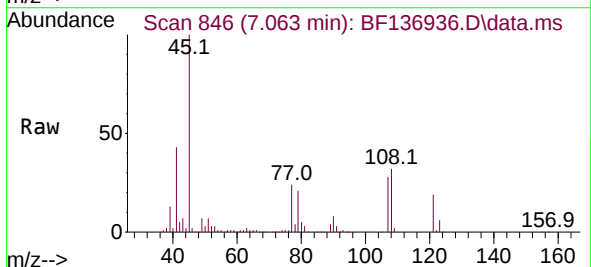
Manual Integrations
APPROVED

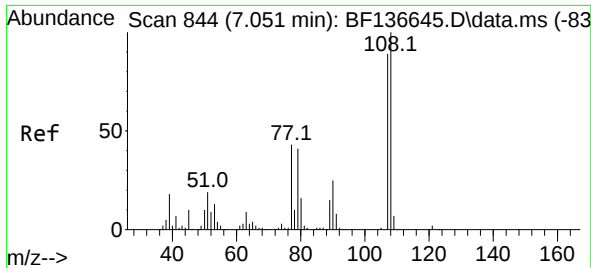
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.529 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

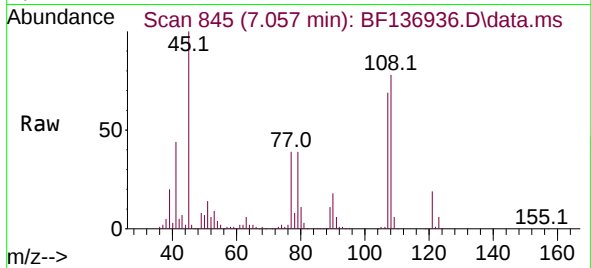
Tgt Ion: 45 Resp: 332333
Ion Ratio Lower Upper
45 100
77 23.9 0.0 34.3
79 21.3 0.0 31.4





#17
2-Methylphenol
Concen: 37.225 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

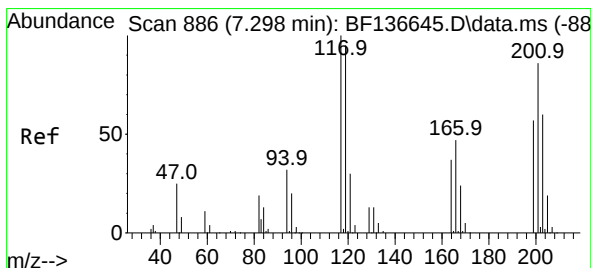
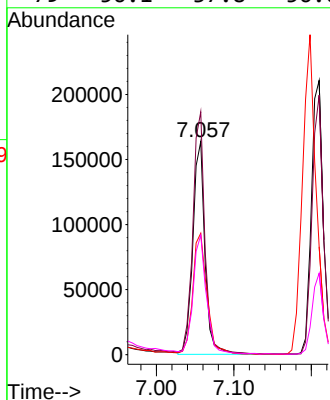
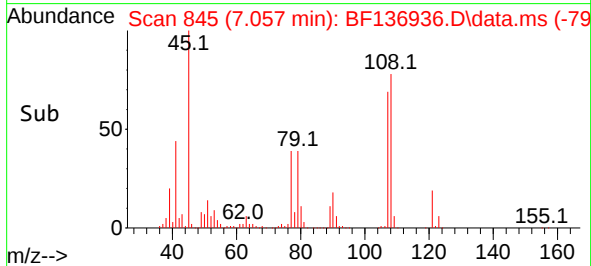
Instrument :
BNA_F
ClientSampleId :
PB158180BS



Tgt Ion:107 Resp: 17852
Ion Ratio Lower Upper
107 100
108 114.0 90.3 135.5
77 57.0 38.7 58.1
79 56.1 37.8 56.6

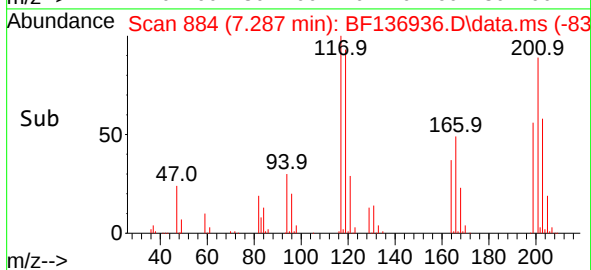
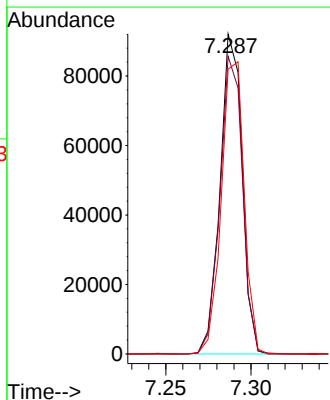
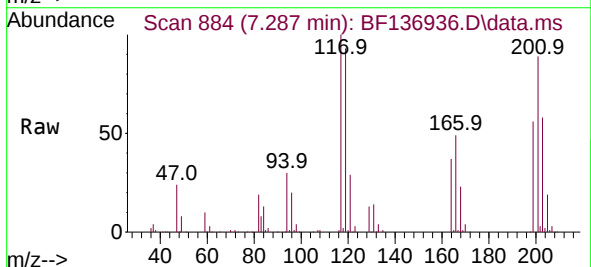
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#18
Hexachloroethane
Concen: 35.402 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

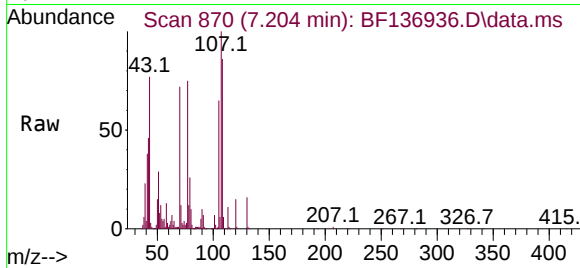
Tgt Ion:117 Resp: 82961
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.6
201 89.0 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 36.733 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

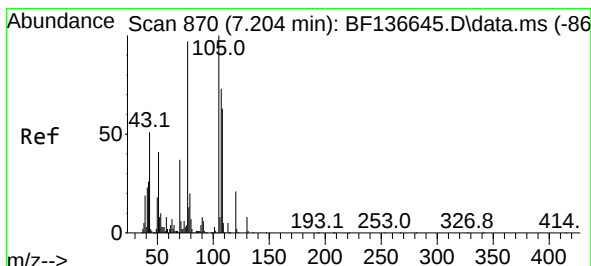
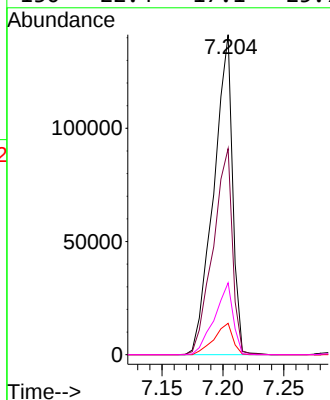
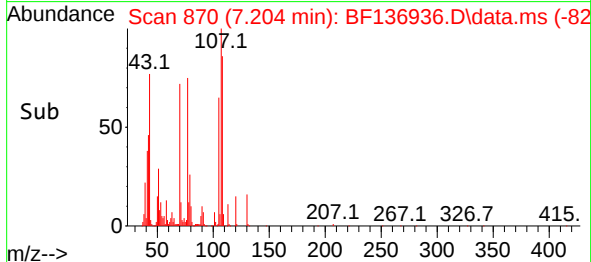
Instrument :
BNA_F
ClientSampleId :
PB158180BS



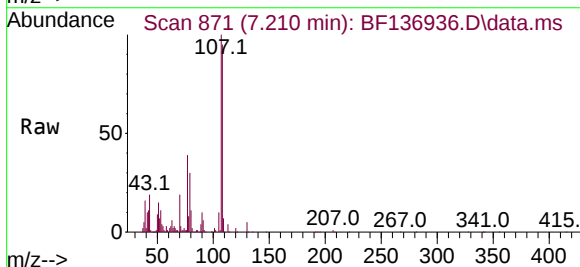
Tgt Ion: 70 Resp: 15263
Ion Ratio Lower Upper
70 100
42 64.4 54.2 81.4
101 9.8 7.6 11.4
130 22.4 17.1 25.7

Manual Integrations
APPROVED

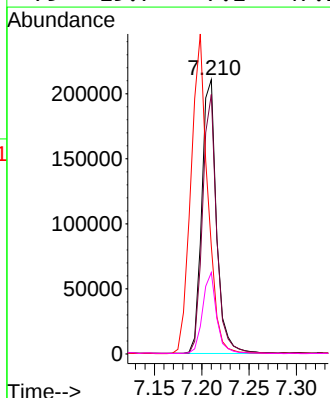
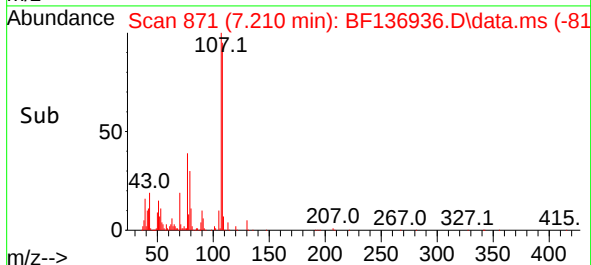
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#20
3+4-Methylphenols
Concen: 38.194 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:107 Resp: 228835
Ion Ratio Lower Upper
107 100
108 94.6 66.0 106.0
77 39.3 114.2 154.2#
79 29.7 7.2 47.2





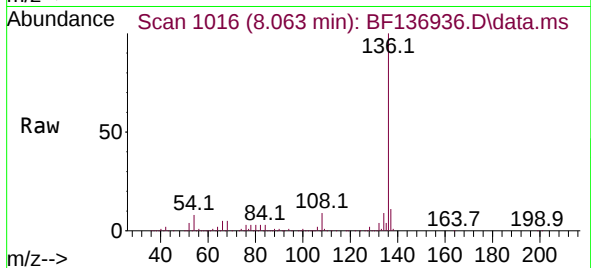
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS



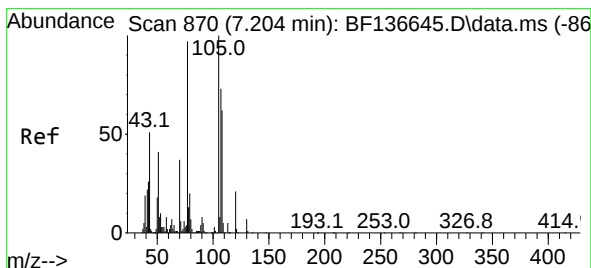
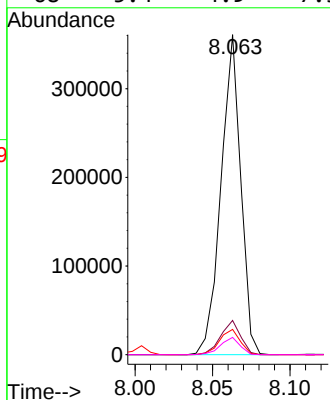
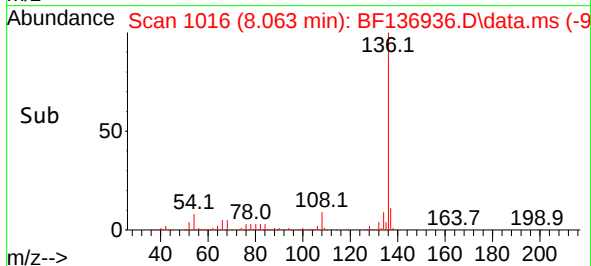
Tgt Ion:136 Resp: 31940
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.9 7.2 10.8
68 5.4 4.9 7.3

Manual Integrations

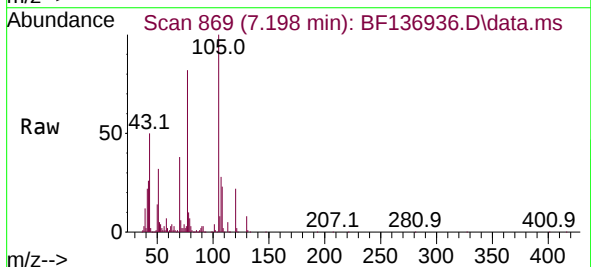
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

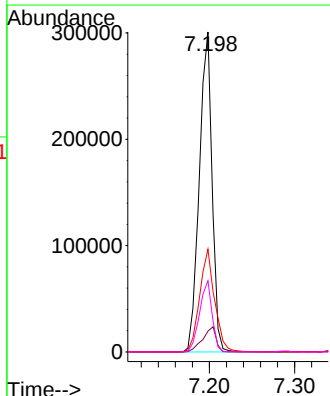
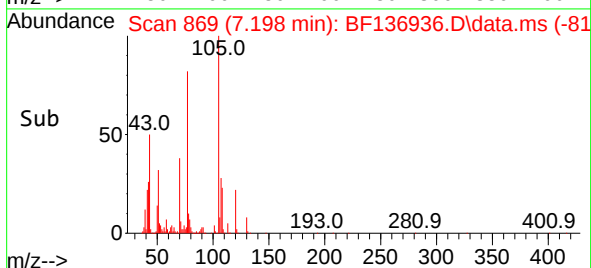
Supervised By :mohammad ahmed 01/05/2024

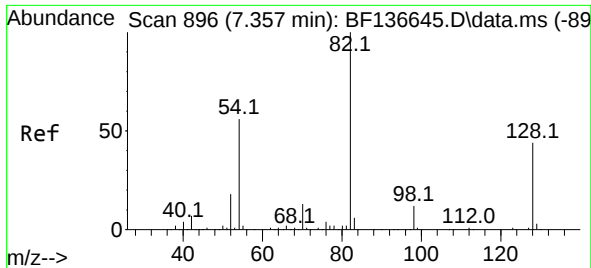


#22
Acetophenone
Concen: 39.248 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:105 Resp: 314213
Ion Ratio Lower Upper
105 100
71 6.5 4.8 7.2
51 32.1 32.8 49.2#
120 22.2 17.0 25.6





#23
Nitrobenzene-d5
Concen: 72.423 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

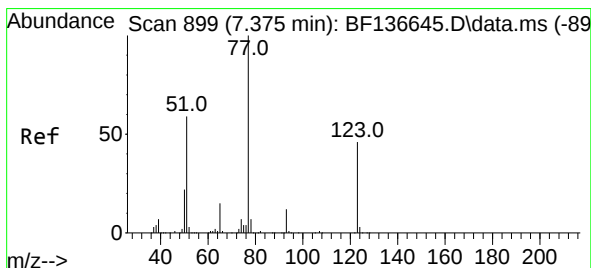
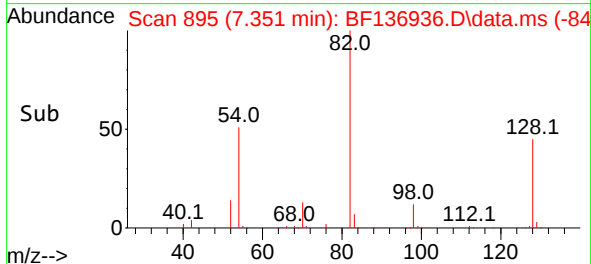
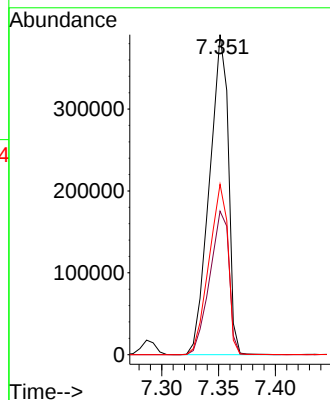
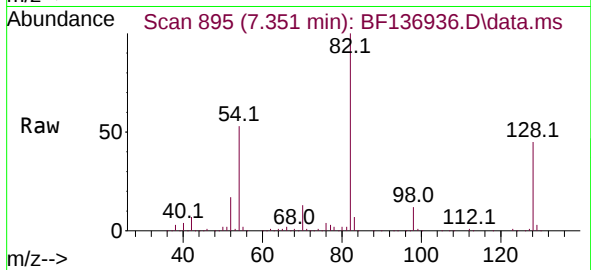
ClientSampleId :

PB158180BS

Tgt Ion: 82 Resp: 452060
Ion Ratio Lower Upper
82 100
128 44.8 35.3 52.9
54 53.3 44.5 66.7

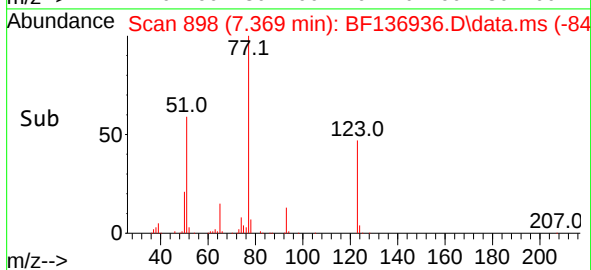
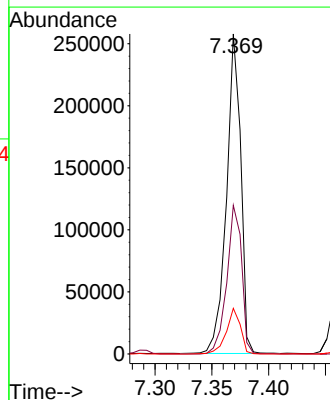
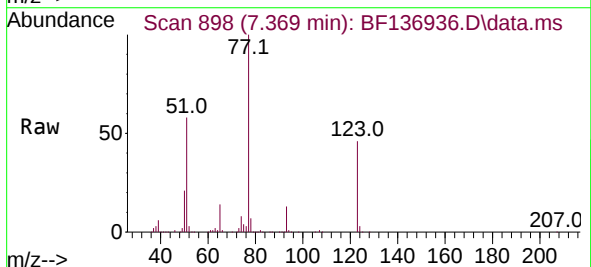
Manual Integrations
APPROVED

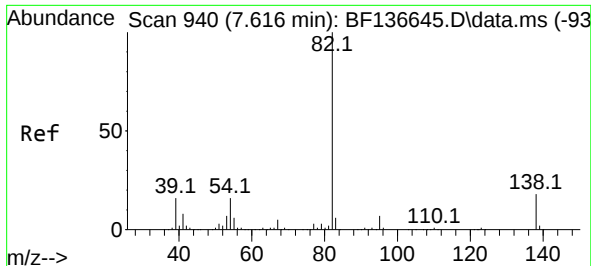
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#24
Nitrobenzene
Concen: 36.071 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion: 77 Resp: 225543
Ion Ratio Lower Upper
77 100
123 46.5 36.7 55.1
65 14.3 11.8 17.6





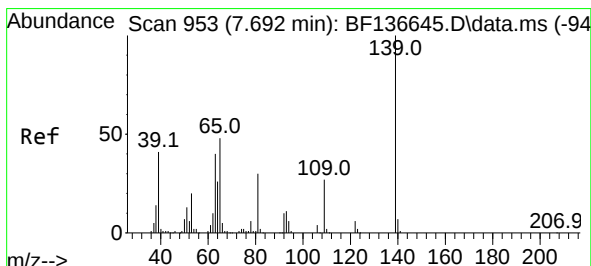
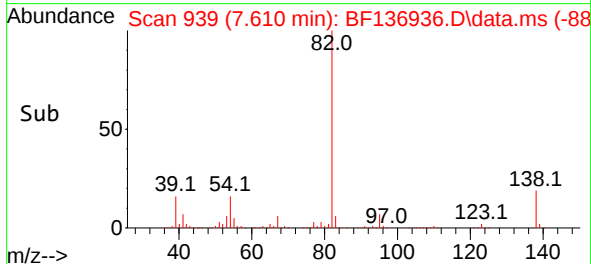
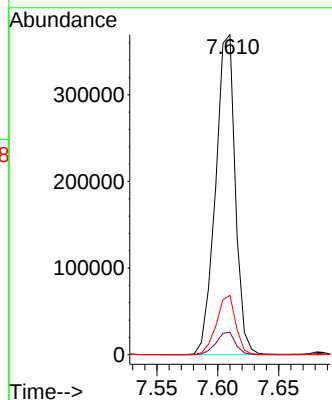
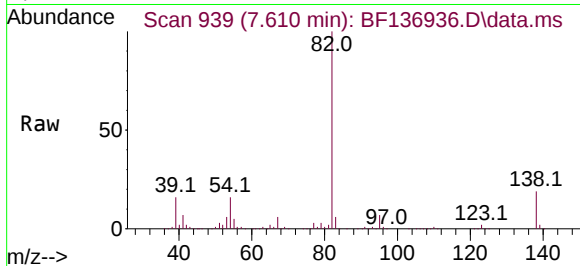
#25
Isophorone
Concen: 36.836 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB158180BS

Tgt Ion: 82 Resp: 418374
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.5 14.5 21.7

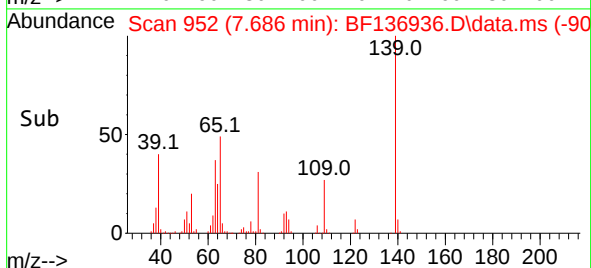
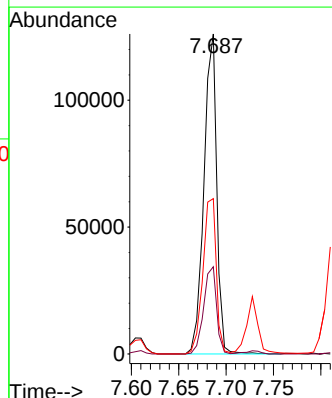
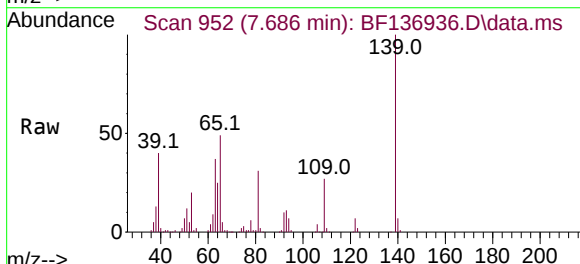
Manual Integrations
APPROVED

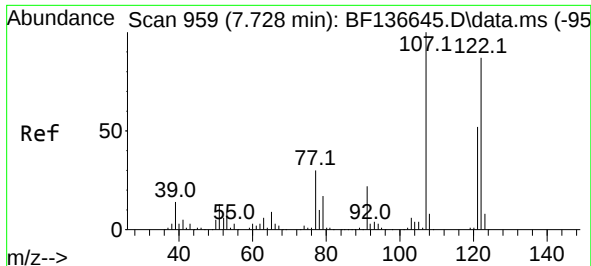
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#26
2-Nitrophenol
Concen: 39.552 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:139 Resp: 118324
Ion Ratio Lower Upper
139 100
109 27.3 21.9 32.9
65 48.5 38.6 58.0





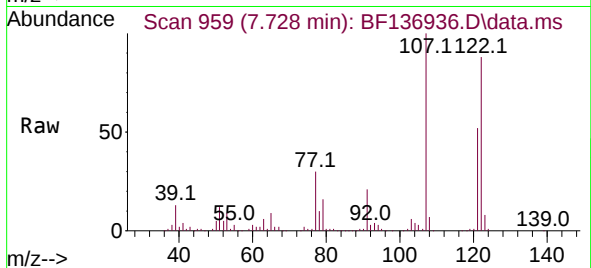
#27
2,4-Dimethylphenol
Concen: 54.831 ng
RT: 7.728 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

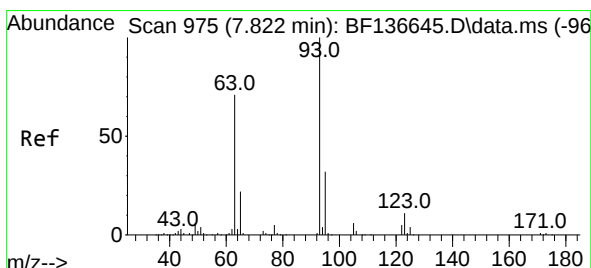
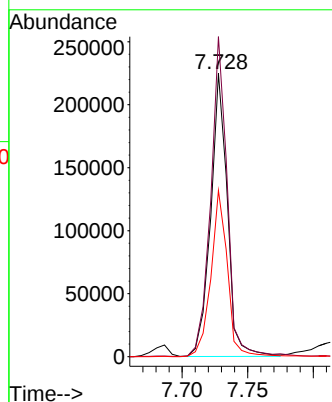
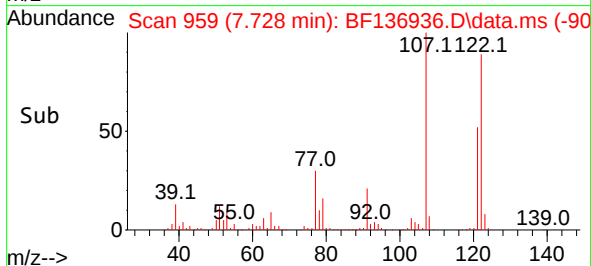


Tgt Ion:122 Resp: 199699
Ion Ratio Lower Upper
122 100
107 113.0 92.0 138.0
121 58.7 47.5 71.3

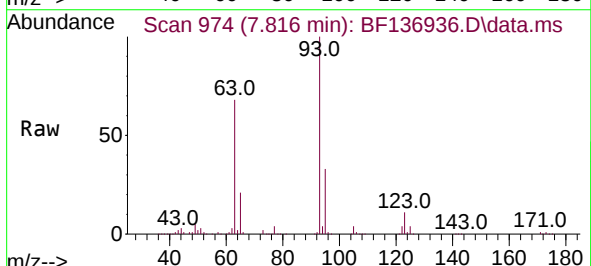
Manual Integrations

APPROVED

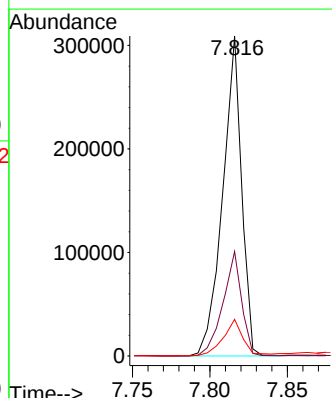
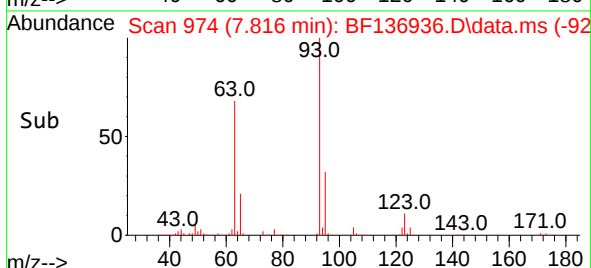
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.036 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion: 93 Resp: 262594
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 11.4 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 39.290 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

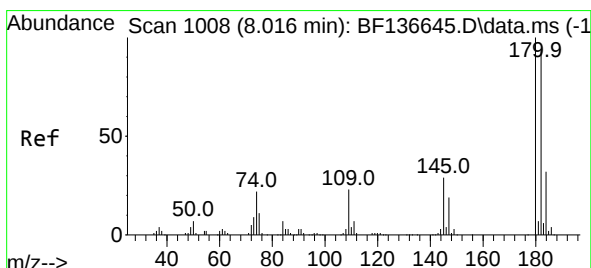
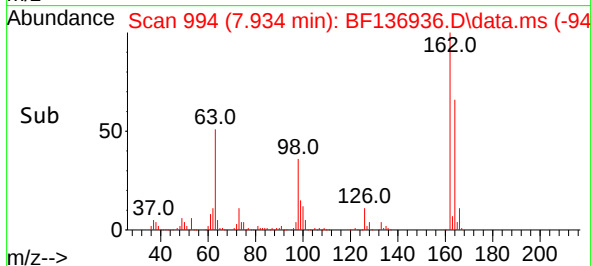
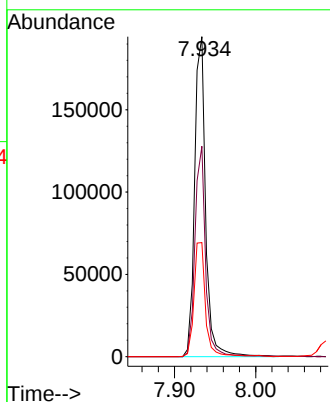
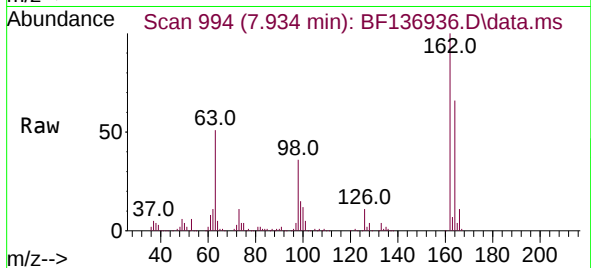
ClientSampleId :

PB158180BS

Tgt Ion:162 Resp: 18422
Ion Ratio Lower Upper
162 100
164 65.8 41.7 81.7
98 35.6 19.5 59.5

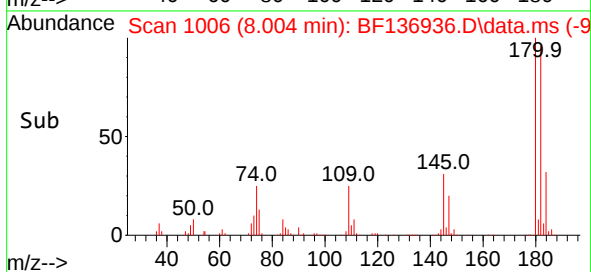
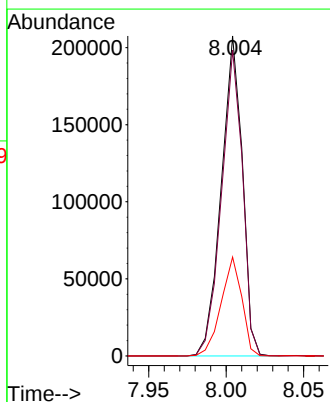
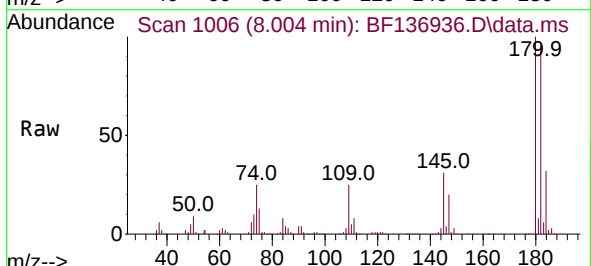
Manual Integrations
APPROVED

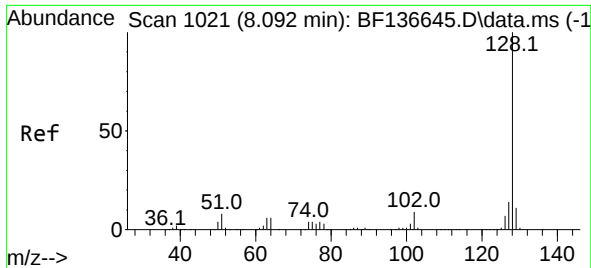
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#30
1,2,4-Trichlorobenzene
Concen: 37.546 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:180 Resp: 196151
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 30.9 23.1 34.7





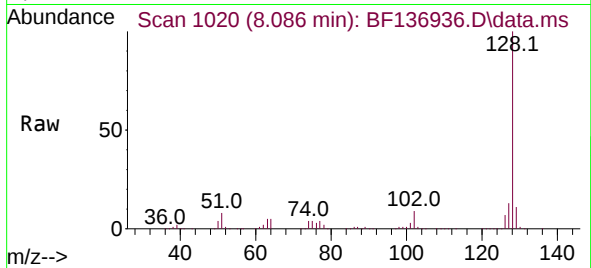
#31
Naphthalene
Concen: 36.866 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

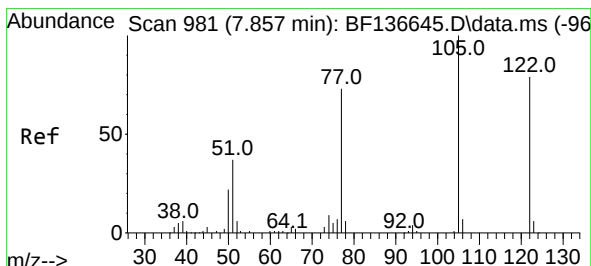
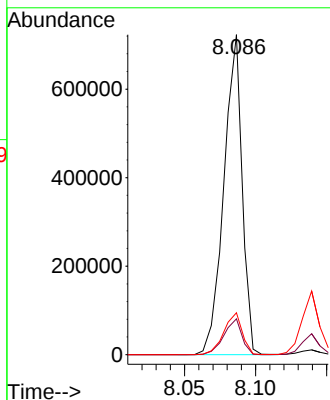
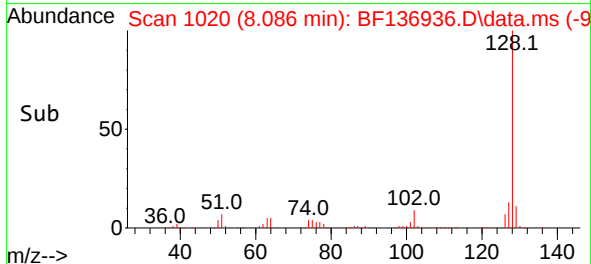


Tgt Ion:128 Resp: 64689
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.8 16.2

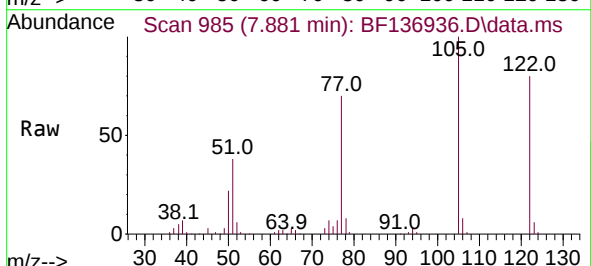
Manual Integrations

APPROVED

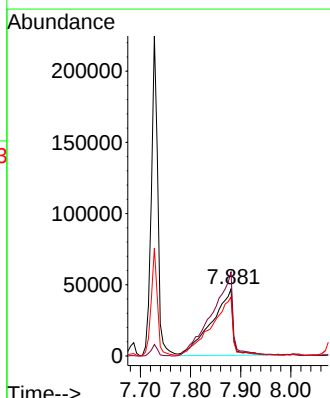
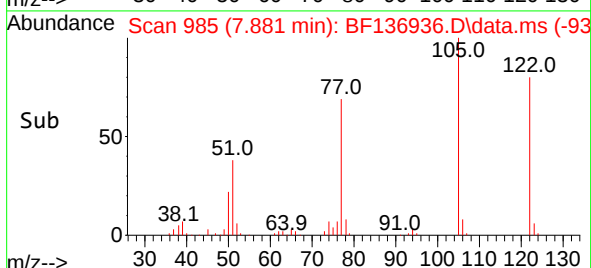
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

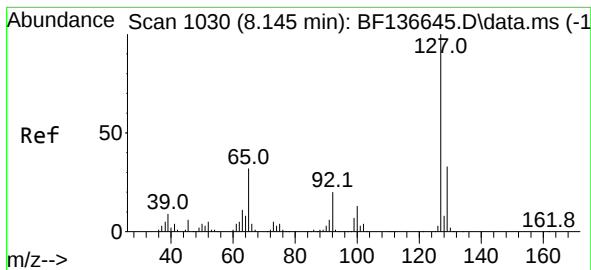


#32
Benzoic acid
Concen: 39.453 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:122 Resp: 139032
Ion Ratio Lower Upper
122 100
105 125.5 100.8 140.8
77 88.1 70.9 110.9





#33
4-Chloroaniline
Concen: 20.337 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

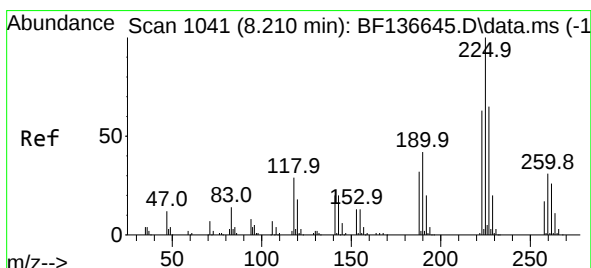
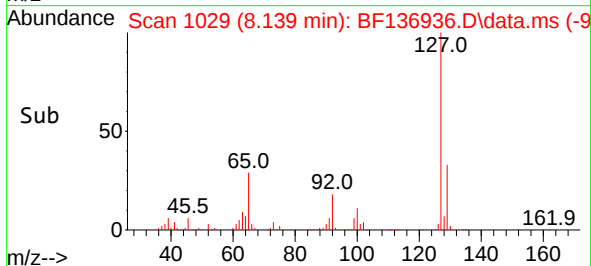
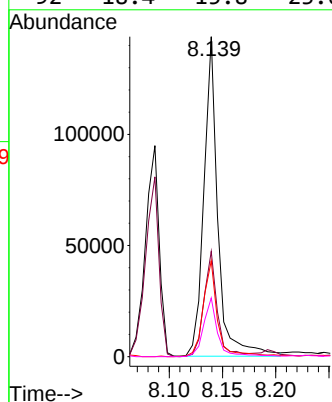
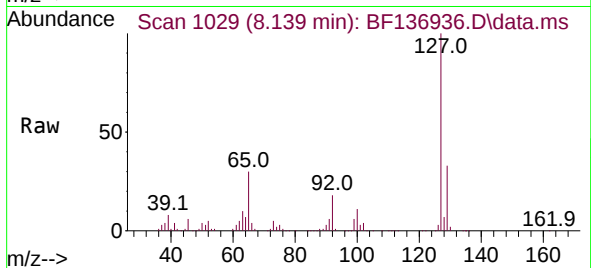
PB158180BS

Tgt Ion:	127	Resp:	13175
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.3	39.5
65	29.9	25.8	38.8
92	18.4	15.8	23.6

Manual Integrations

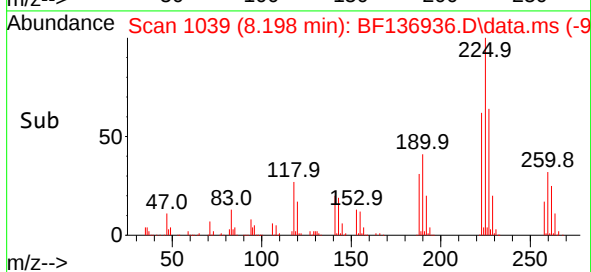
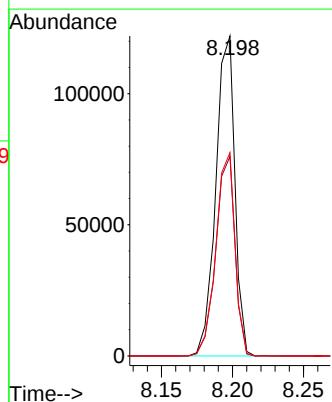
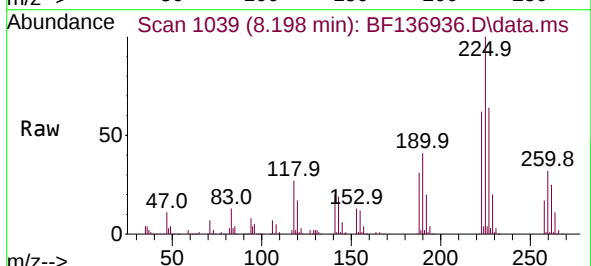
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#34
Hexachlorobutadiene
Concen: 35.873 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

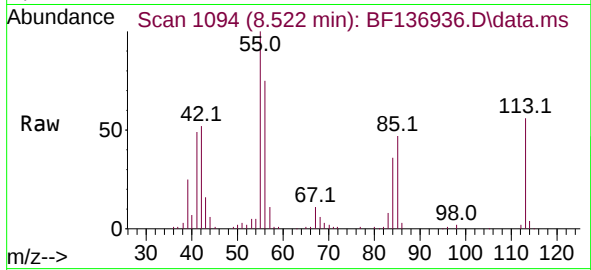
Tgt Ion:	225	Resp:	113864
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.6	76.0
227	63.6	51.9	77.9





#35
 Caprolactam
 Concen: 40.939 ng m
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136936.D
 Acq: 04 Jan 2024 12:32

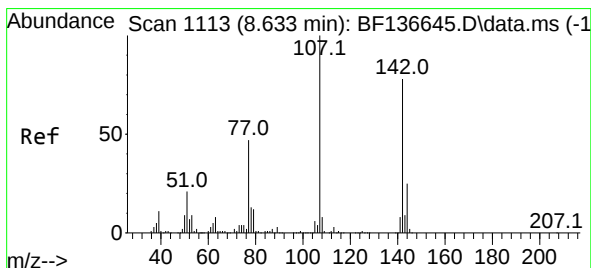
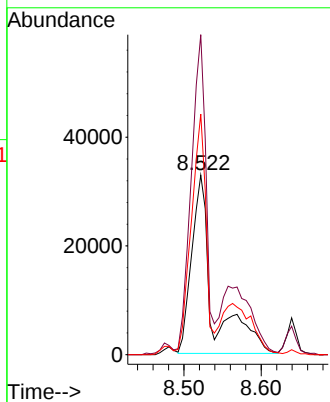
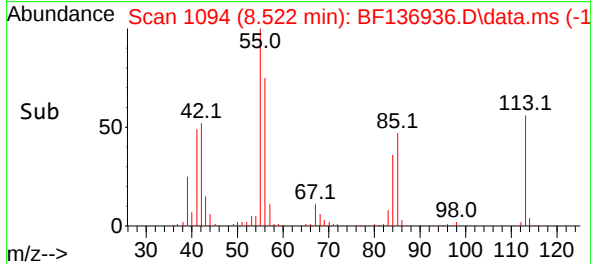
Instrument :
 BNA_F
 ClientSampleId :
 PB158180BS



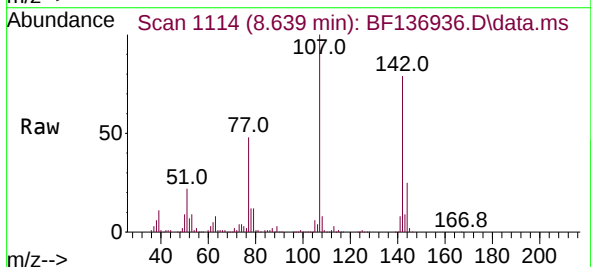
Tgt Ion:113 Resp: 63320
 Ion Ratio Lower Upper
 113 100
 55 178.2 163.1 203.1
 56 134.0 121.7 161.7

Manual Integrations
 APPROVED

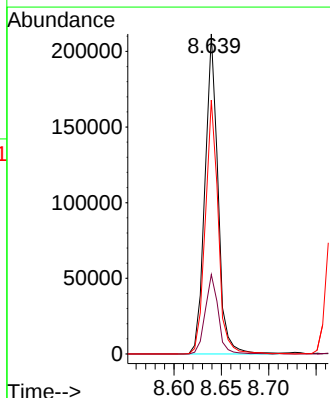
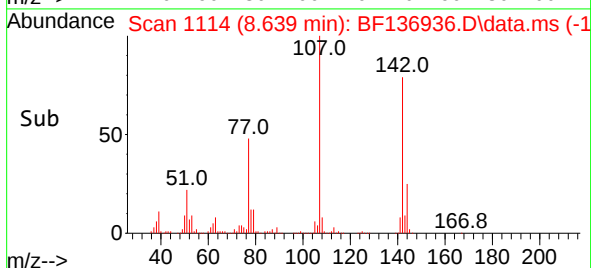
Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

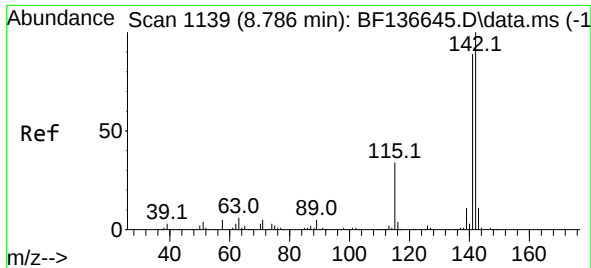


#36
 4-Chloro-3-methylphenol
 Concen: 38.227 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136936.D
 Acq: 04 Jan 2024 12:32



Tgt Ion:107 Resp: 201788
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 79.3 62.3 93.5





#37
2-Methylnaphthalene
Concen: 37.842 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

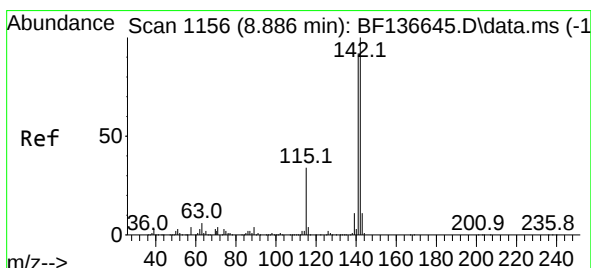
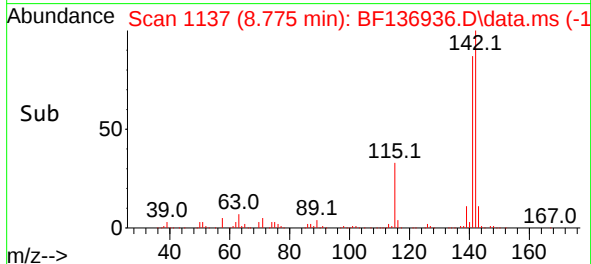
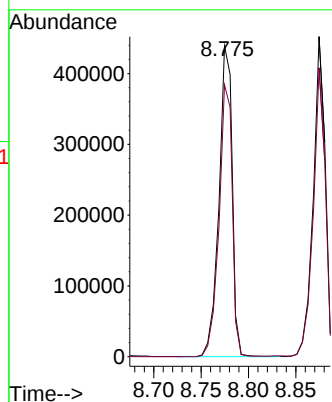
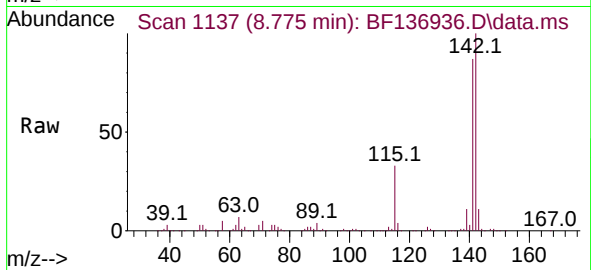
PB158180BS

Tgt Ion:142 Resp: 427352
Ion Ratio Lower Upper
142 100
141 87.5 71.1 106.7

Manual Integrations

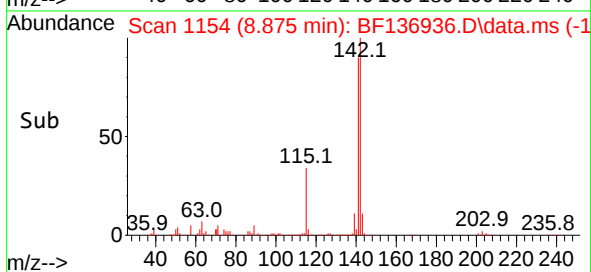
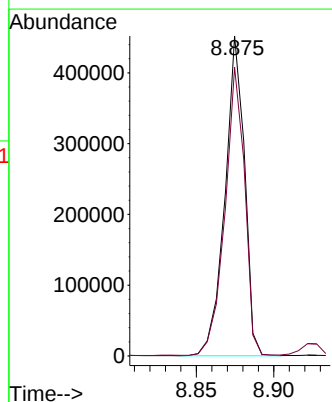
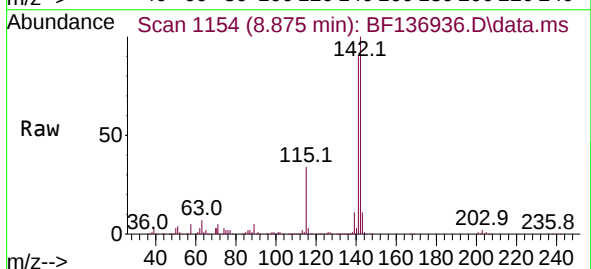
APPROVED

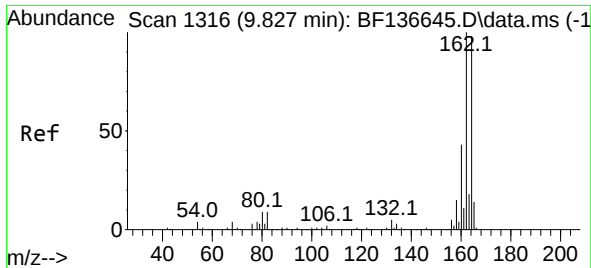
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#38
1-Methylnaphthalene
Concen: 35.829 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:142 Resp: 396963
Ion Ratio Lower Upper
142 100
141 90.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136936.D

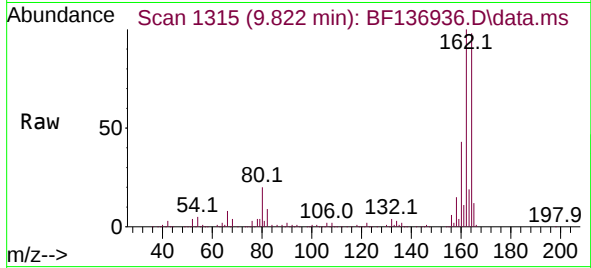
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS



Tgt Ion:164 Resp: 164310

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

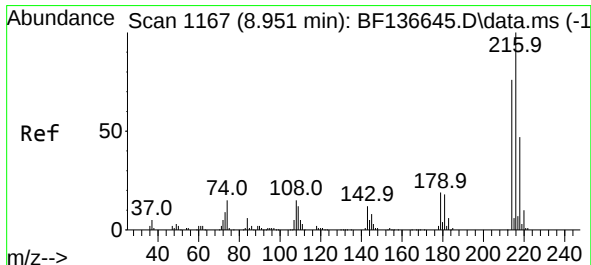
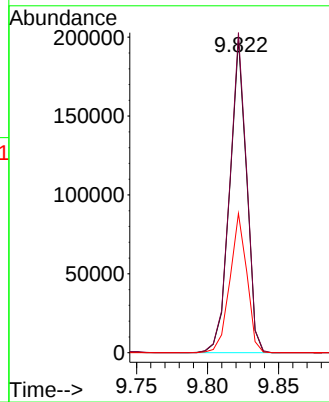
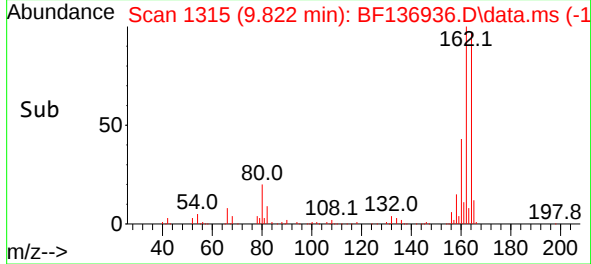
160 44.4 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.203 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Tgt Ion:216 Resp: 204583

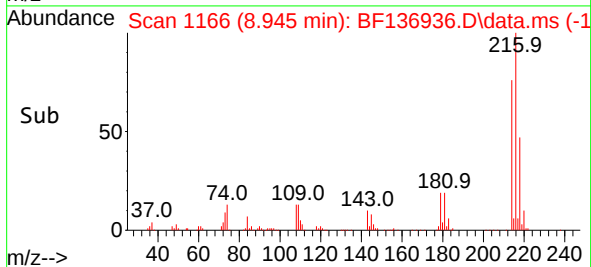
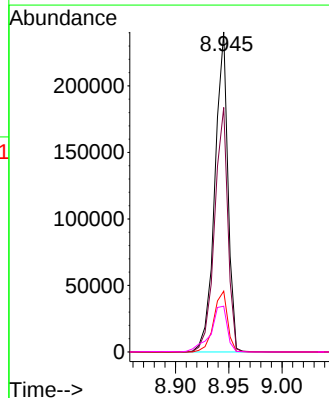
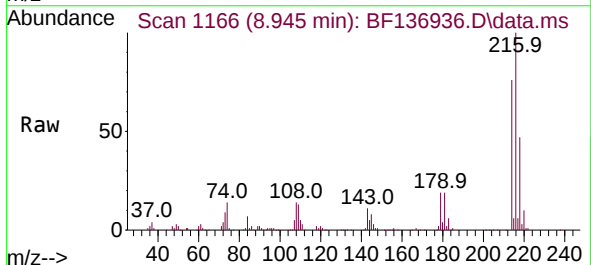
Ion Ratio Lower Upper

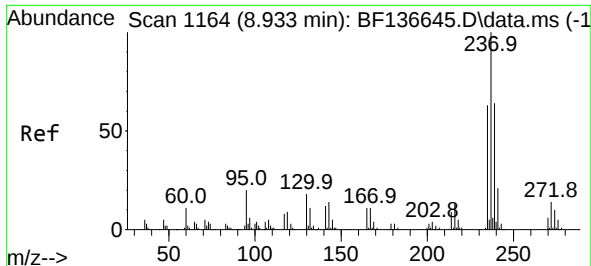
216 100

214 77.6 62.3 93.5

179 20.0 16.4 24.6

108 18.2 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 86.208 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

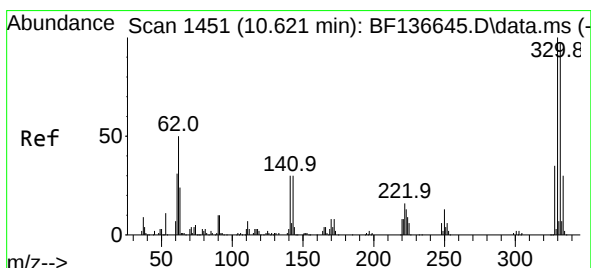
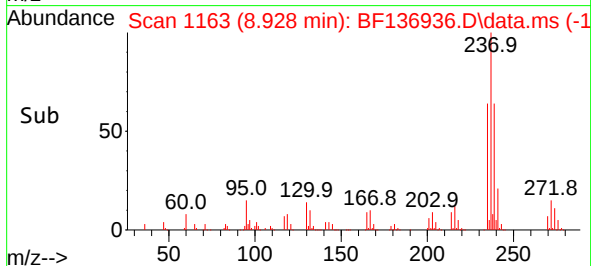
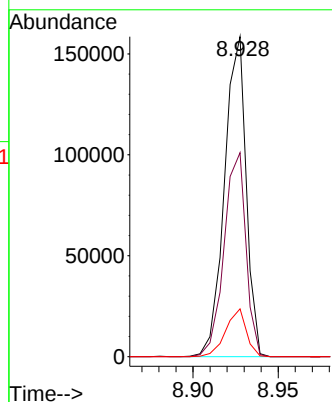
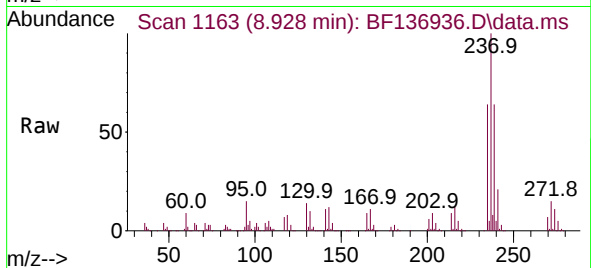
PB158180BS

Tgt Ion:237 Resp: 140532
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 15.0 0.0 34.2

Manual Integrations

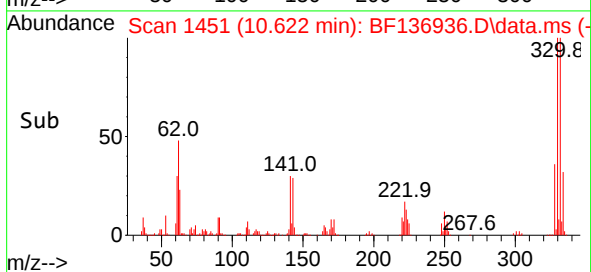
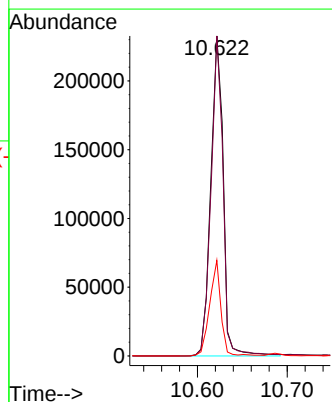
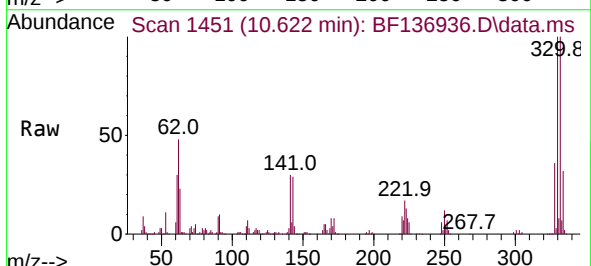
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#42
2,4,6-Tribromophenol
Concen: 115.445 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:330 Resp: 223407
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 27.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.964 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

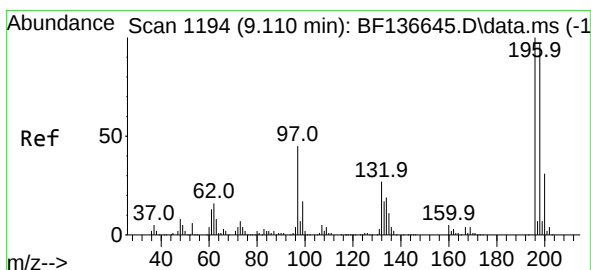
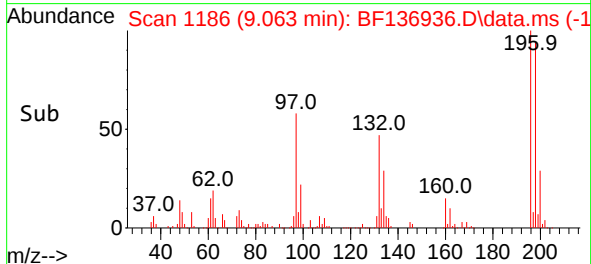
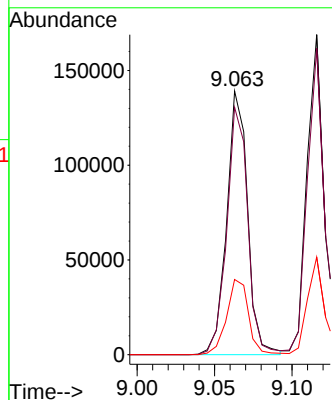
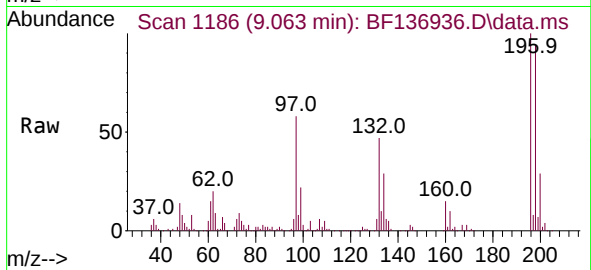
Tgt Ion:196 Resp: 130425
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.1 112.7
 200 28.5 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#44

2,4,5-Trichlorophenol

Concen: 38.023 ng

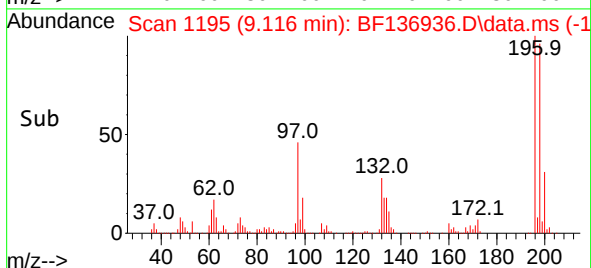
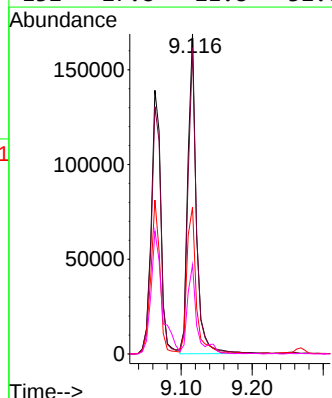
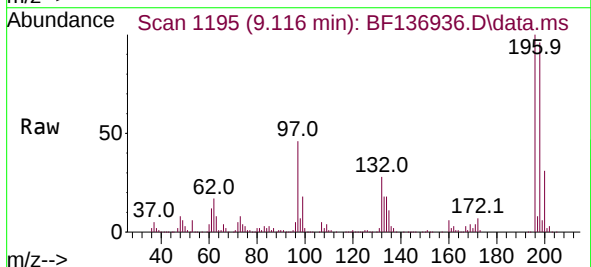
RT: 9.116 min Scan# 1195

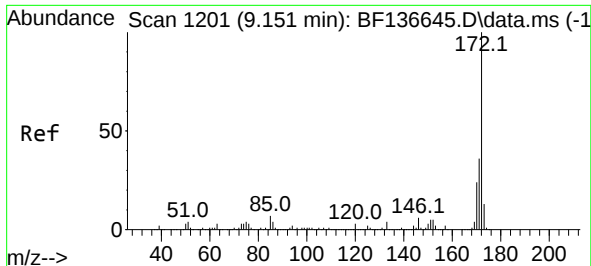
Delta R.T. 0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Tgt Ion:196 Resp: 138279
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.0 115.6
 97 45.9 36.1 54.1
 132 27.8 21.8 32.6





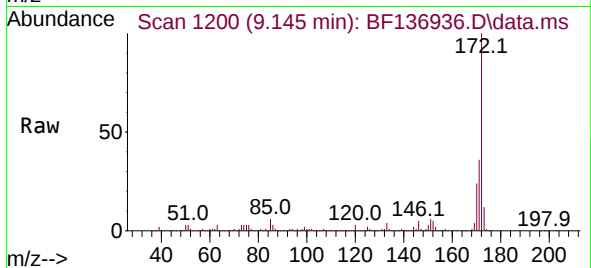
#45
2-Fluorobiphenyl
Concen: 73.857 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

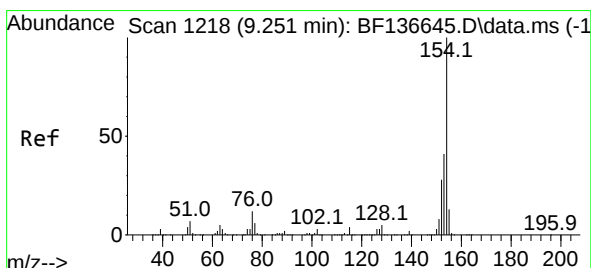
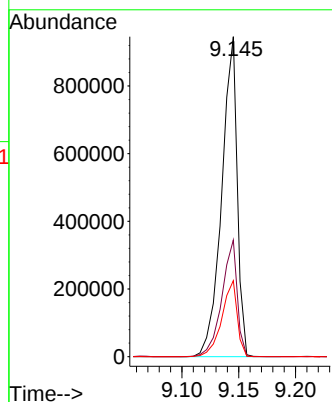
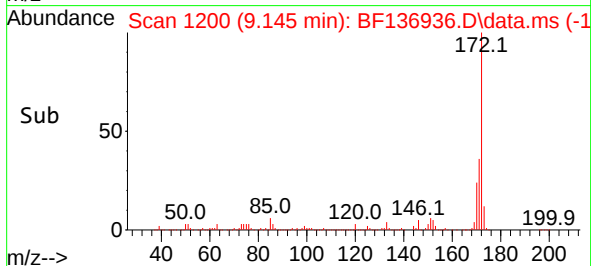


Tgt Ion:172 Resp: 902304
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.8 19.0 28.4

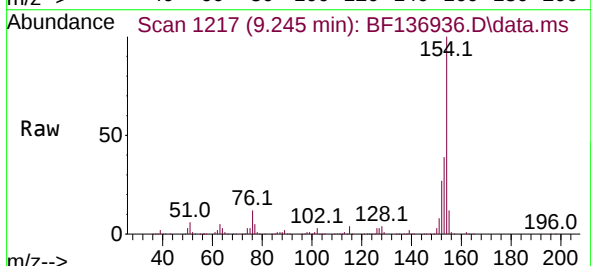
Manual Integrations

APPROVED

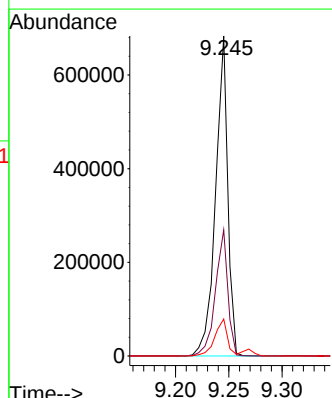
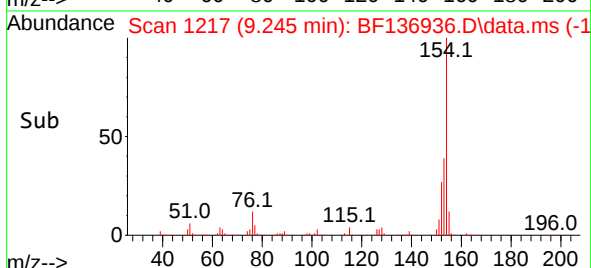
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

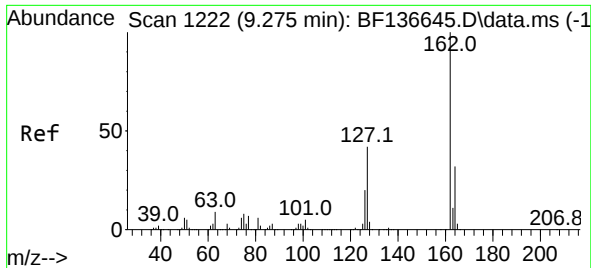


#46
1,1'-Biphenyl
Concen: 39.554 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:154 Resp: 545395
Ion Ratio Lower Upper
154 100
153 39.4 21.1 61.1
76 11.5 0.0 31.7





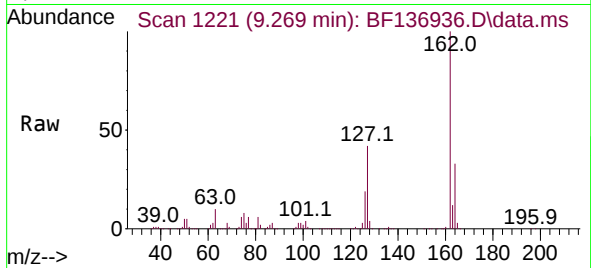
#47
2-Chloronaphthalene
Concen: 37.881 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

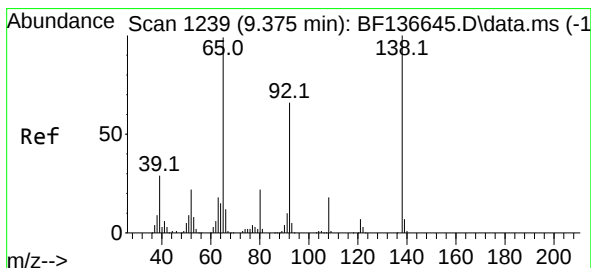
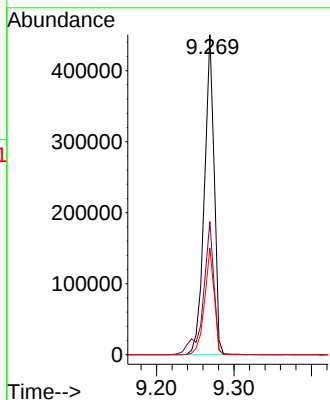
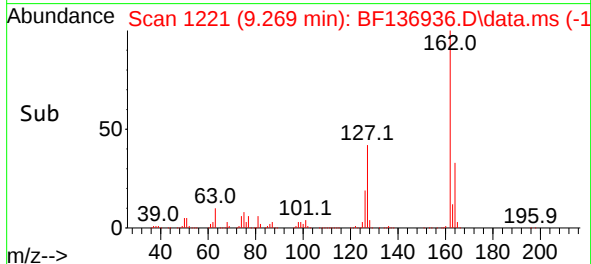


Tgt Ion:162 Resp: 397070
Ion Ratio Lower Upper
162 100
127 41.6 33.6 50.4
164 33.3 25.7 38.5

Manual Integrations

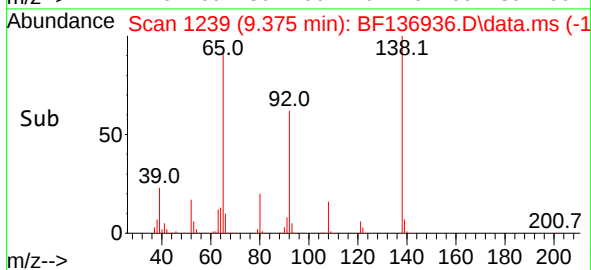
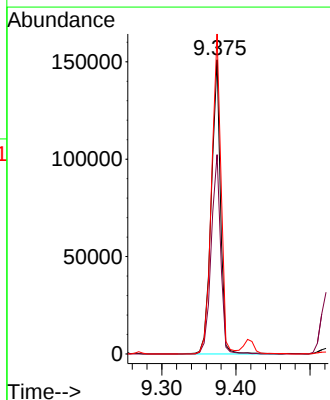
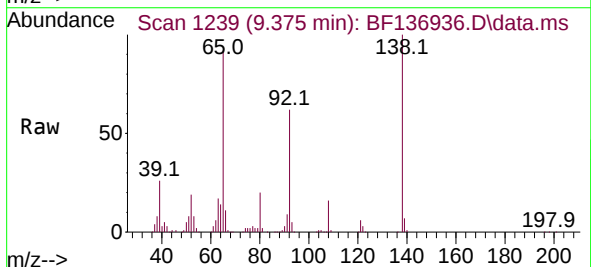
APPROVED

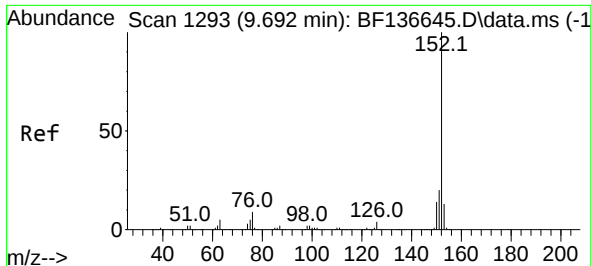
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#48
2-Nitroaniline
Concen: 39.750 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion: 65 Resp: 130479
Ion Ratio Lower Upper
65 100
92 67.8 53.2 79.8
138 108.7 81.1 121.7





#49

Acenaphthylene

Concen: 39.653 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

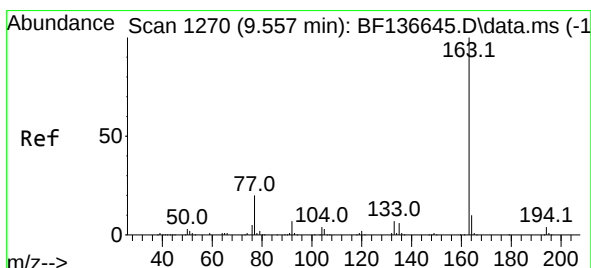
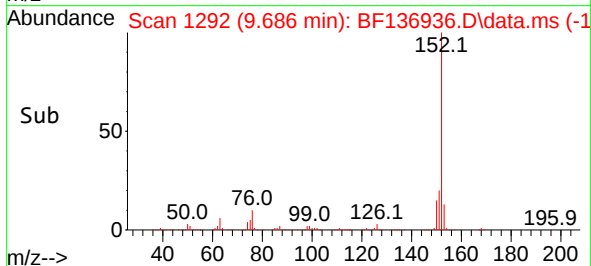
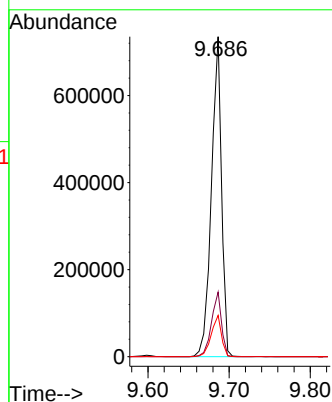
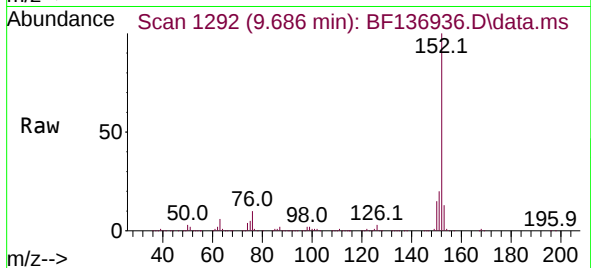
Tgt Ion:152 Resp: 635318
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 12.9 10.2 15.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#50

Dimethylphthalate

Concen: 39.866 ng

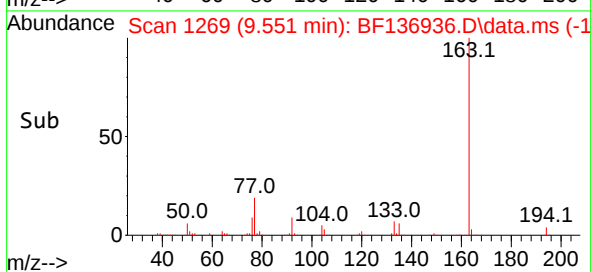
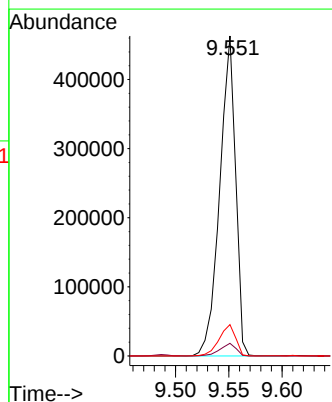
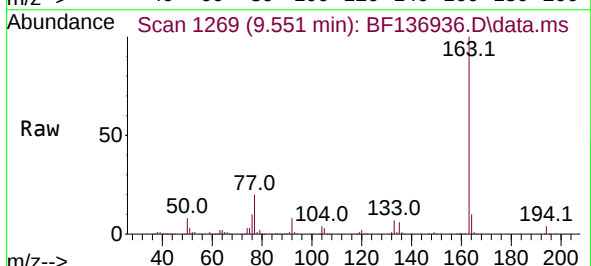
RT: 9.551 min Scan# 1269

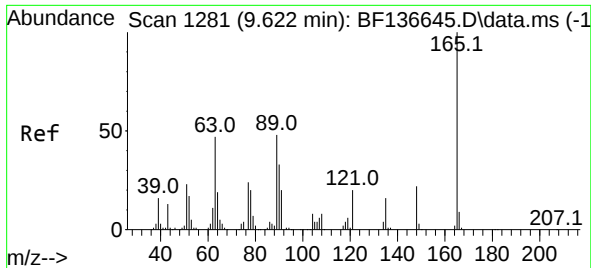
Delta R.T. -0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Tgt Ion:163 Resp: 478471
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.3 4.9
 164 9.8 7.8 11.6





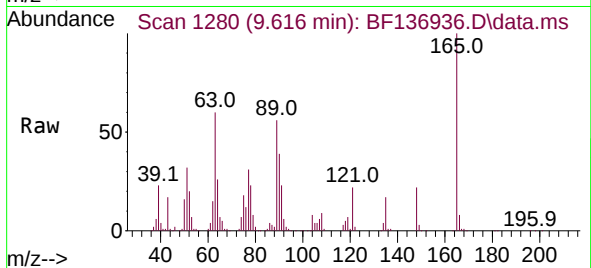
#51
2,6-Dinitrotoluene
Concen: 38.684 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

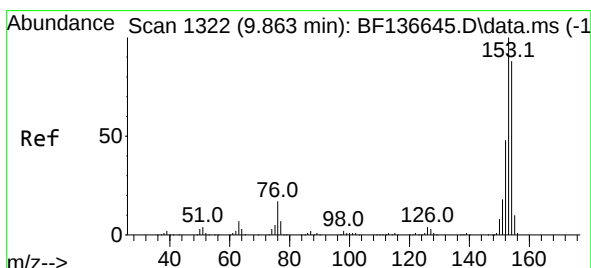
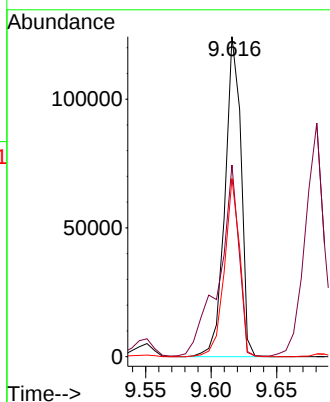
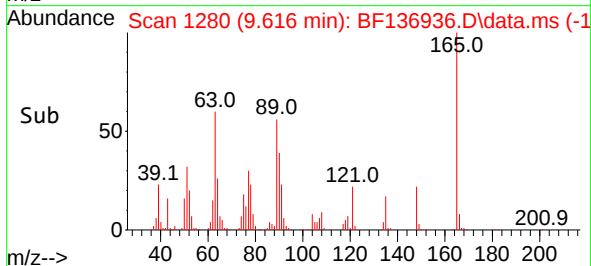


Tgt Ion:165 Resp: 105370
Ion Ratio Lower Upper
165 100
63 59.9 39.8 59.6
89 55.7 38.8 58.2

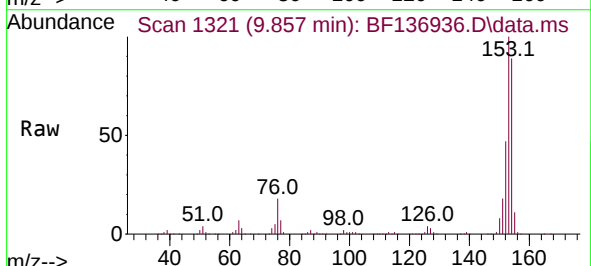
Manual Integrations

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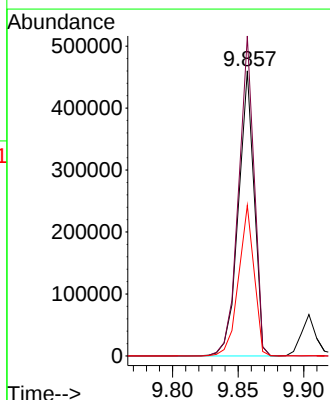
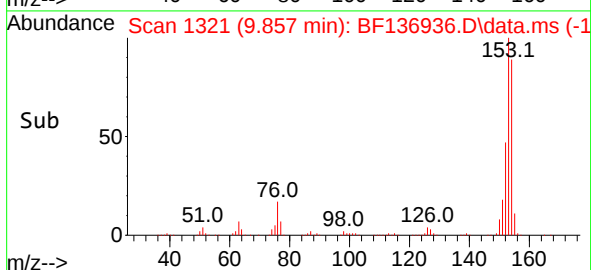
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

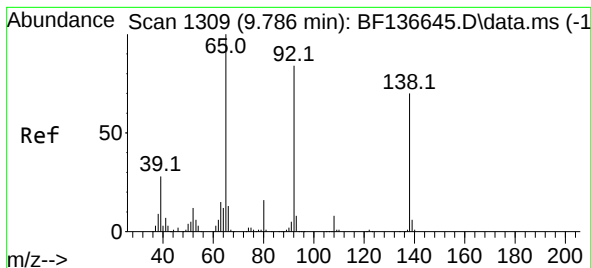


#52
Acenaphthene
Concen: 38.983 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:154 Resp: 387167
Ion Ratio Lower Upper
154 100
153 112.2 90.7 136.1
152 52.8 43.7 65.5





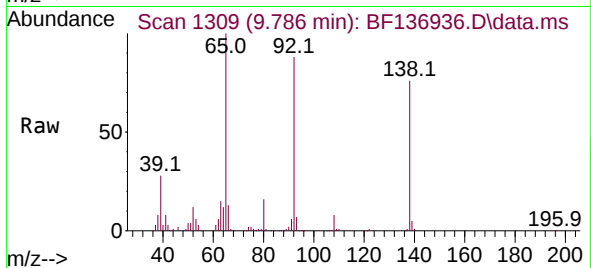
#53
3-Nitroaniline
Concen: 30.107 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

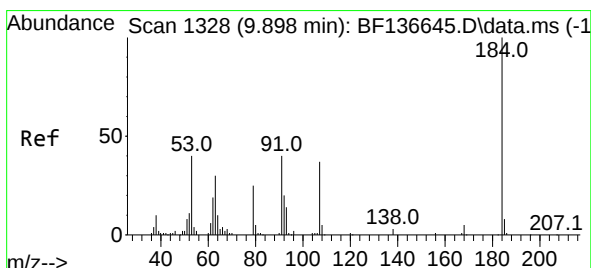
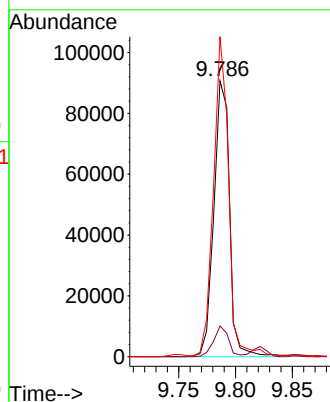
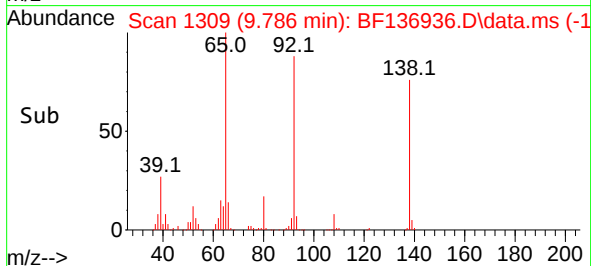


Tgt Ion:138 Resp: 8687
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 116.0 95.2 142.8

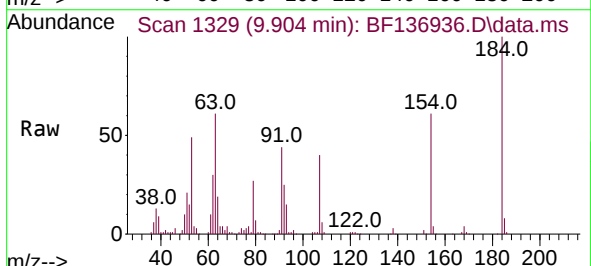
Manual Integrations

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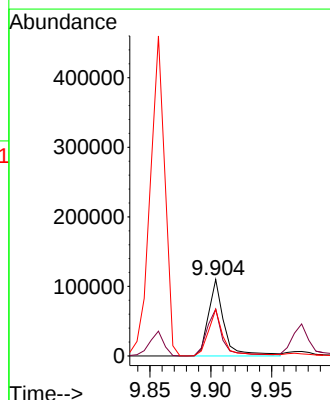
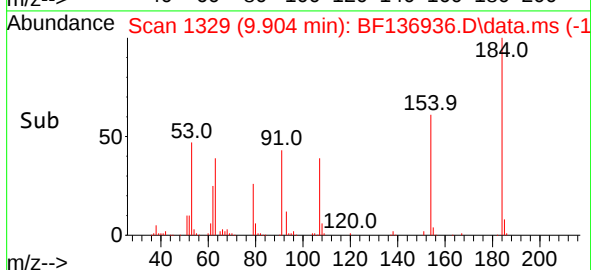
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

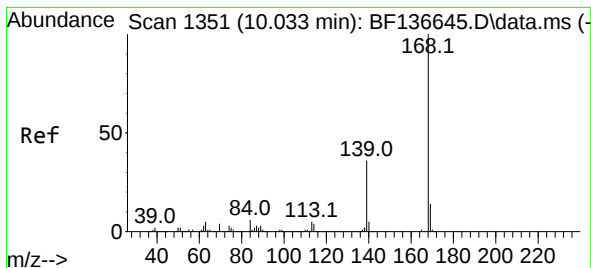


#54
2,4-Dinitrophenol
Concen: 66.023 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



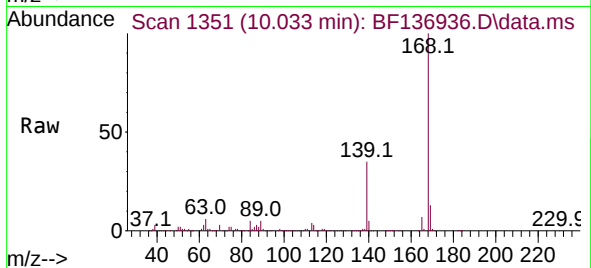
Tgt Ion:184 Resp: 98637
Ion Ratio Lower Upper
184 100
63 61.2 40.9 61.3
154 60.8 42.7 64.1





#55
Dibenzenofuran
Concen: 38.142 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

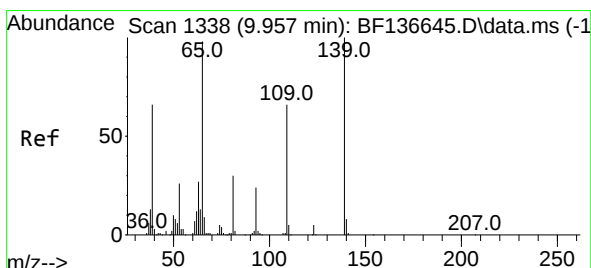
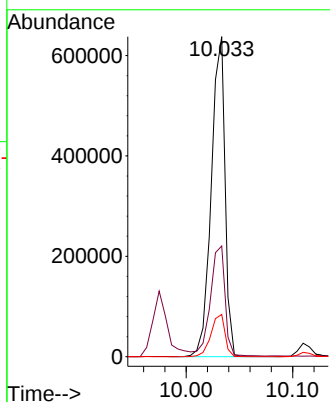
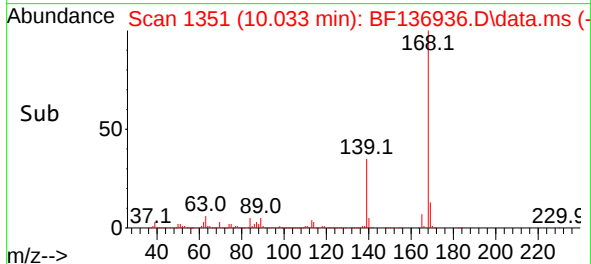
Instrument :
BNA_F
ClientSampleId :
PB158180BS



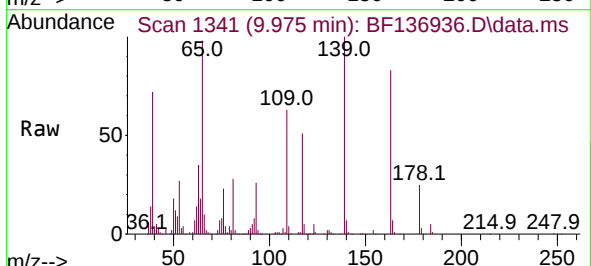
Tgt Ion:168 Resp: 57424
Ion Ratio Lower Upper
168 100
139 34.6 29.3 43.9
169 13.2 11.0 16.4

Manual Integrations
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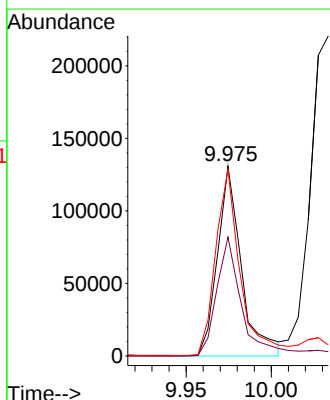
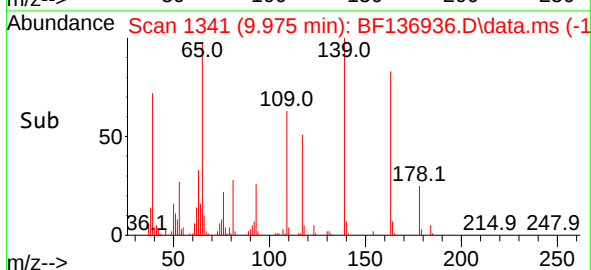
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

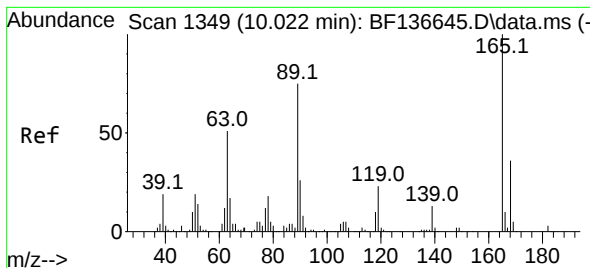


#56
4-Nitrophenol
Concen: 65.810 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:139 Resp: 128187
Ion Ratio Lower Upper
139 100
109 62.6 45.8 85.8
65 98.4 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 38.557 ng
RT: 10.028 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

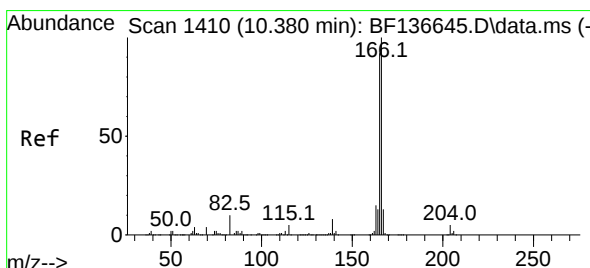
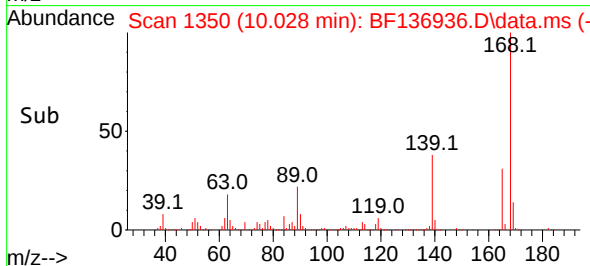
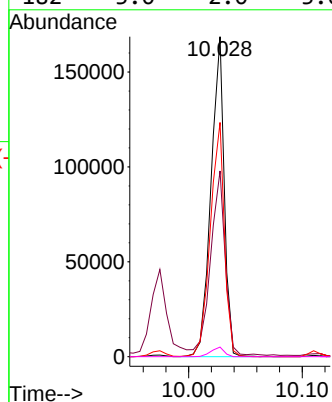
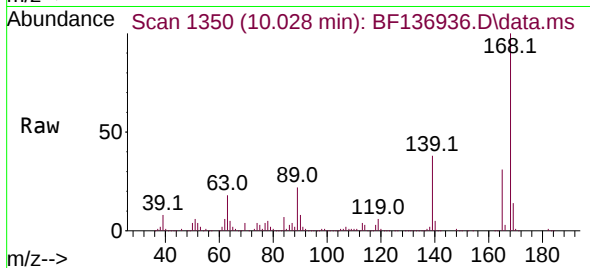
PB158180BS

Tgt Ion:165 Resp: 13634
Ion Ratio Lower Upper
165 100
63 58.0 41.0 61.6
89 73.2 59.9 89.9
182 3.0 2.0 3.0#

Manual Integrations

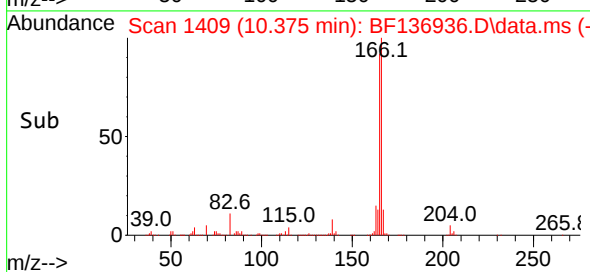
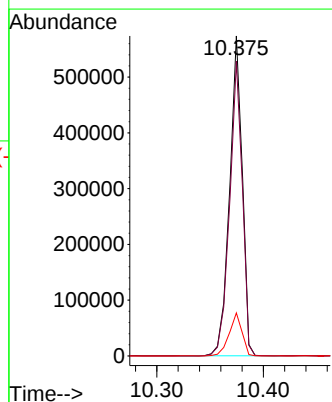
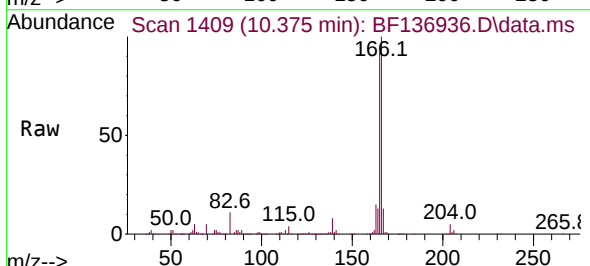
APPROVED

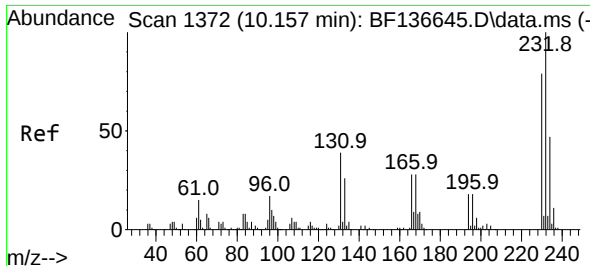
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#58
Fluorene
Concen: 39.712 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

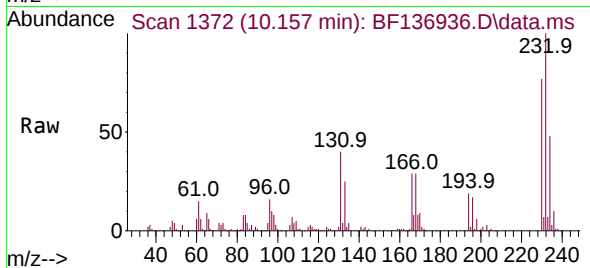
Tgt Ion:166 Resp: 474386
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.660 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

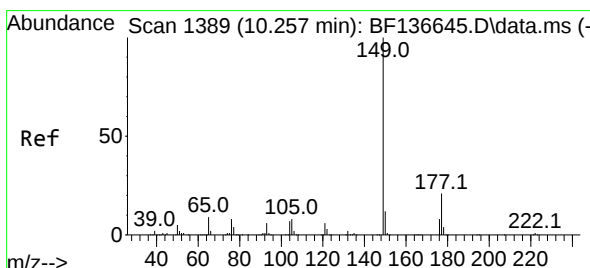
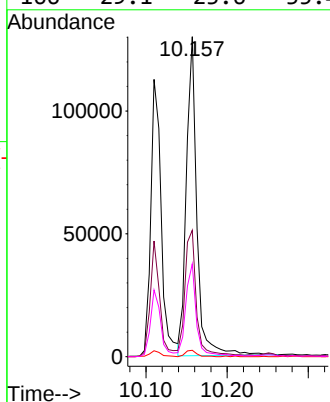
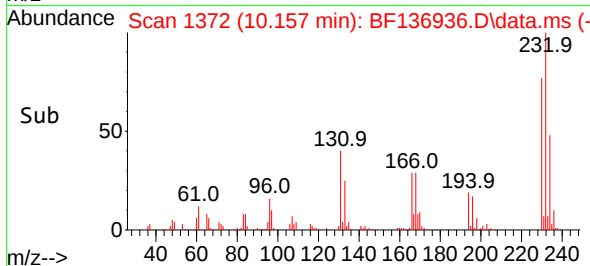
Instrument :
BNA_F
ClientSampleId :
PB158180BS



Tgt Ion:232 Resp: 116628
Ion Ratio Lower Upper
232 100
131 44.2 35.1 52.7
130 2.2 1.6 2.4
166 29.1 23.6 35.4

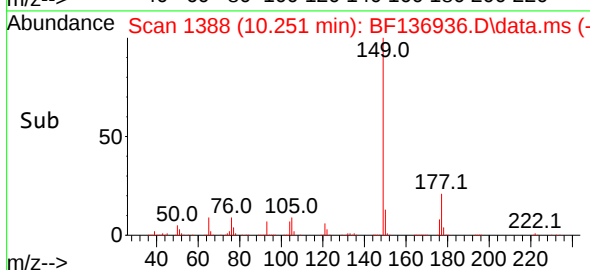
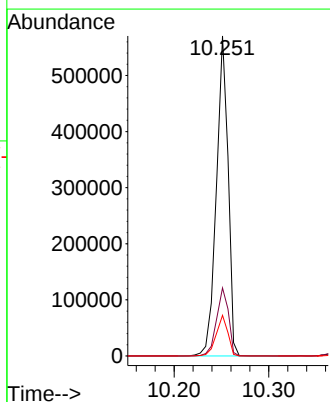
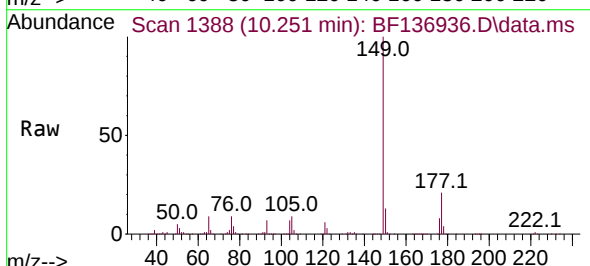
Manual Integrations
APPROVED

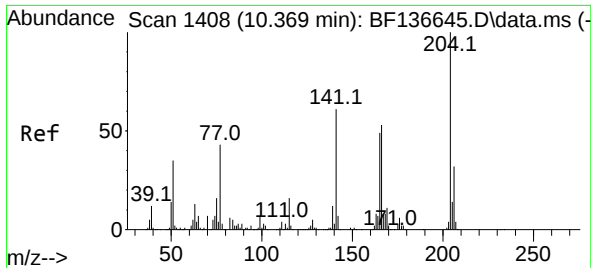
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#60
Diethylphthalate
Concen: 39.430 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

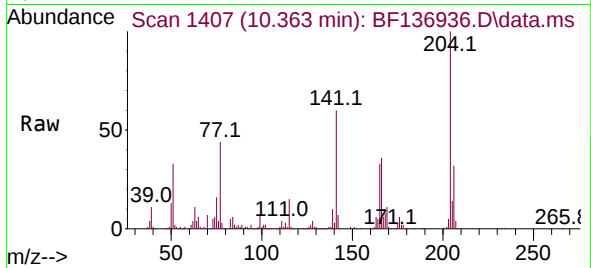
Tgt Ion:149 Resp: 491022
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.7 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.097 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

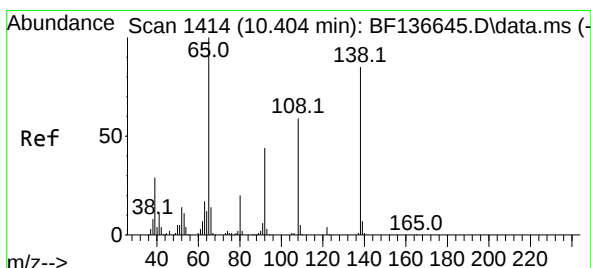
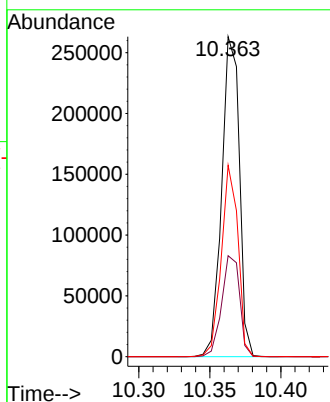
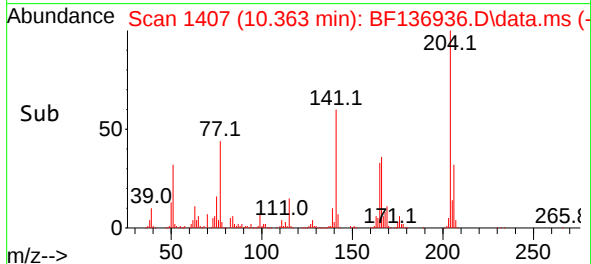
Instrument :
BNA_F
ClientSampleId :
PB158180BS



Tgt Ion:204 Resp: 227011
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 59.8 48.4 72.6

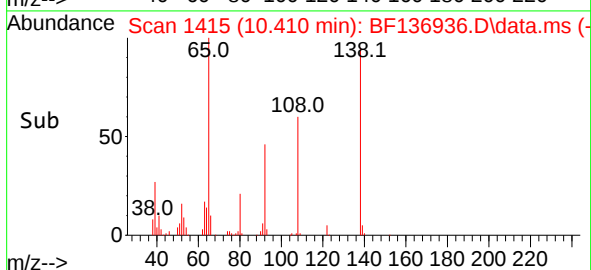
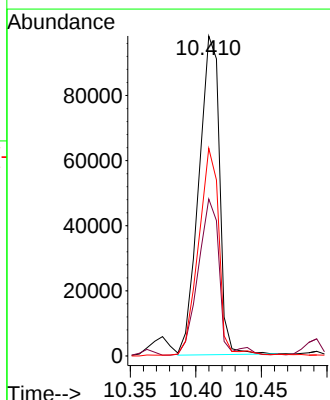
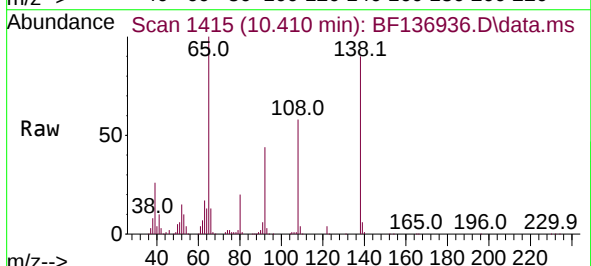
Manual Integrations
APPROVED

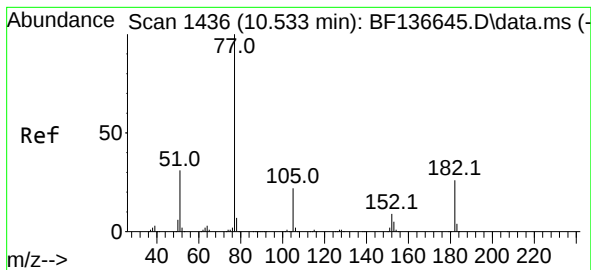
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#62
4-Nitroaniline
Concen: 38.712 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:138 Resp: 107683
Ion Ratio Lower Upper
138 100
92 49.0 32.1 72.1
108 64.9 50.1 90.1





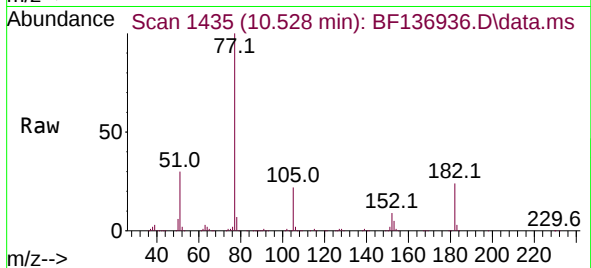
#63
Azobenzene
Concen: 38.790 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS



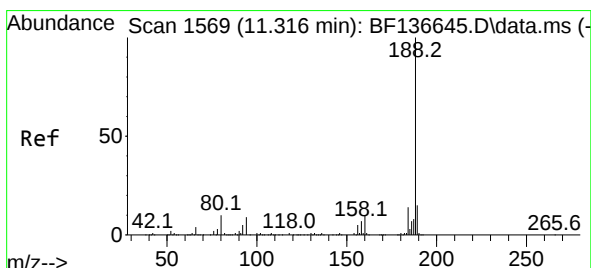
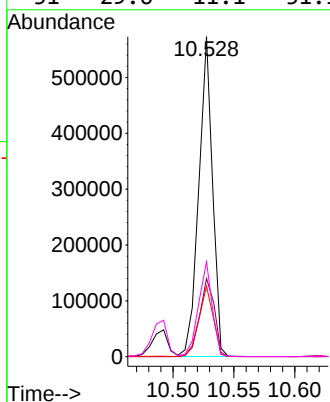
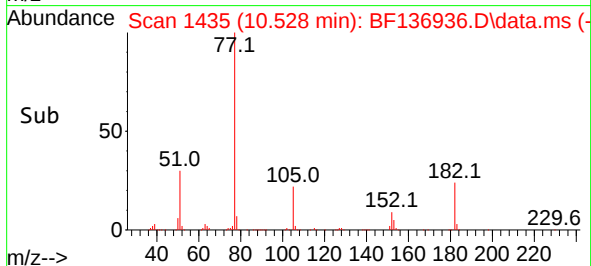
Tgt Ion: 77 Resp: 451160
Ion Ratio Lower Upper
77 100
182 24.4 6.0 46.0
105 22.1 2.3 42.3
51 29.6 11.1 51.1

Manual Integrations

APPROVED

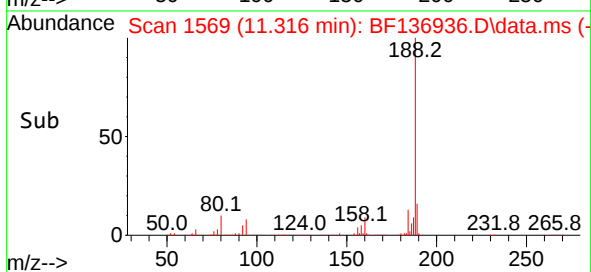
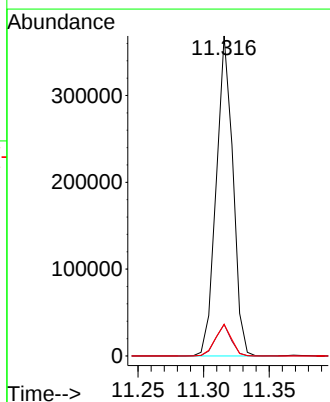
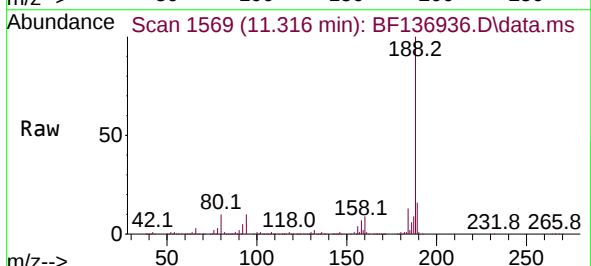
Reviewed By :Yogesh Patel 01/05/2024

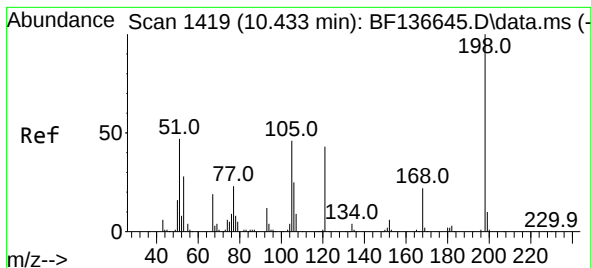
Supervised By :mohammad ahmed 01/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:188 Resp: 325198
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 9.9 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.793 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

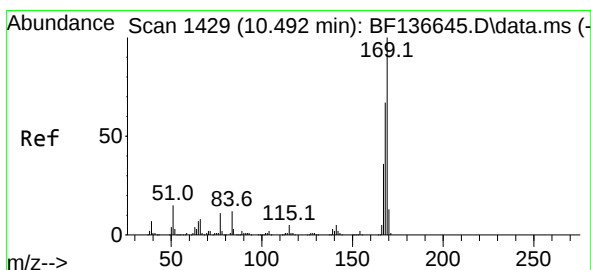
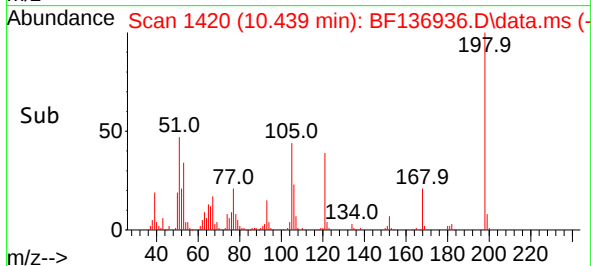
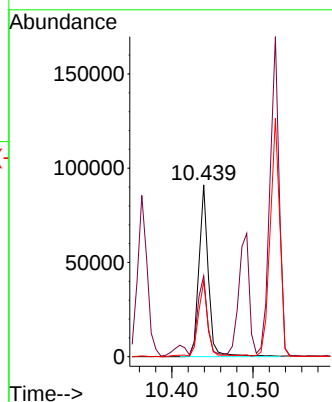
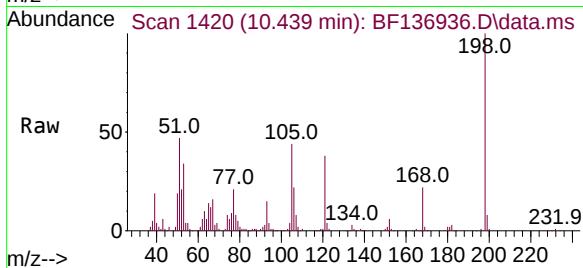
ClientSampleId :

PB158180BS

Tgt Ion:198 Resp: 7416
Ion Ratio Lower Upper
198 100
51 47.0 34.1 74.1
105 43.8 27.3 67.3

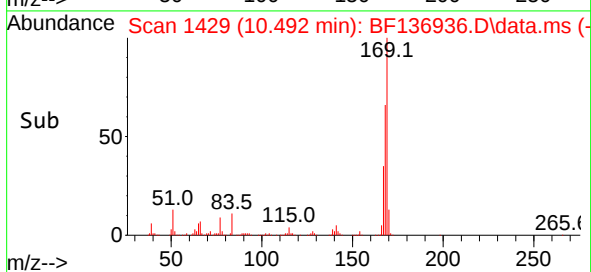
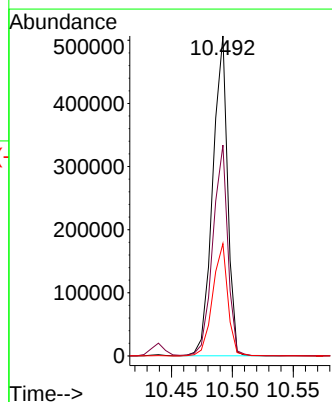
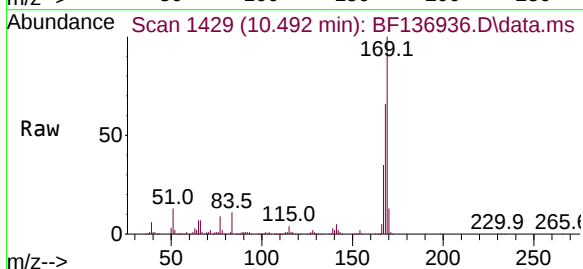
Manual Integrations
APPROVED

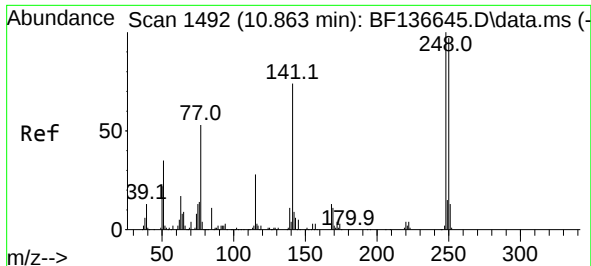
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#66
n-Nitrosodiphenylamine
Concen: 40.638 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

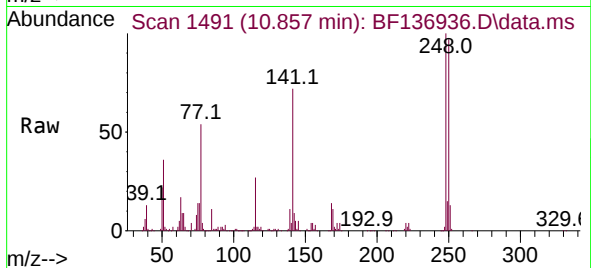
Tgt Ion:169 Resp: 429299
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 35.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 38.866 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

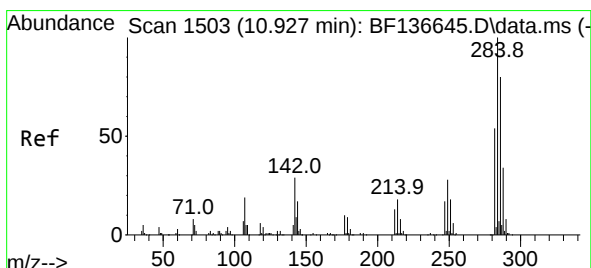
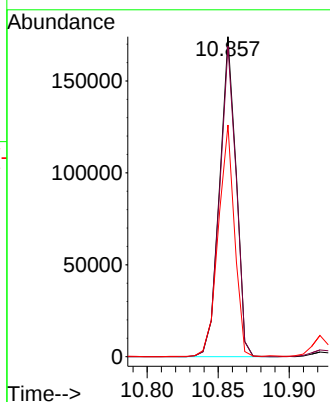
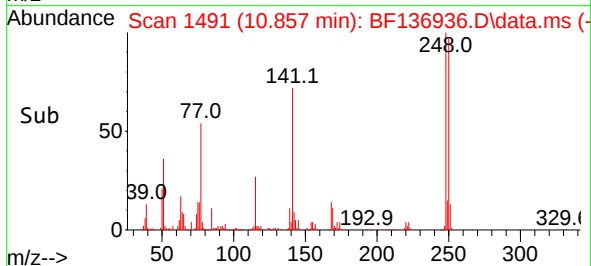
Instrument :
BNA_F
ClientSampleId :
PB158180BS



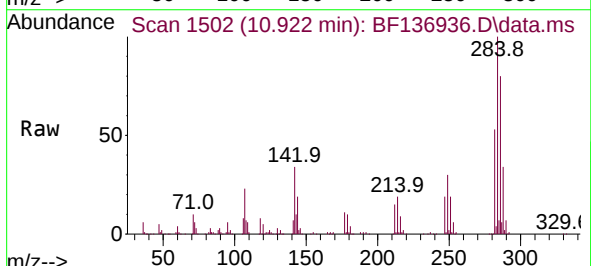
Tgt Ion:248 Resp: 14036
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 72.4 59.2 88.8

Manual Integrations
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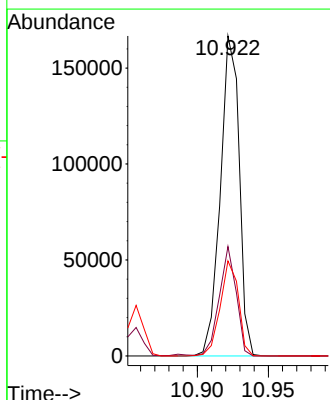
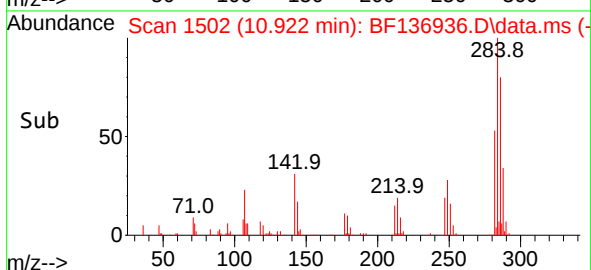
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

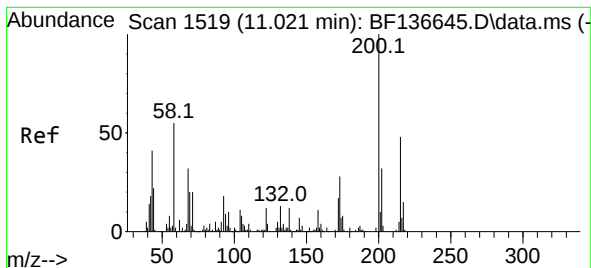


#68
Hexachlorobenzene
Concen: 38.146 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:284 Resp: 153528
Ion Ratio Lower Upper
284 100
142 34.2 23.4 35.0
249 29.7 22.3 33.5





#69

Atrazine

Concen: 72.335 ng

RT: 11.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

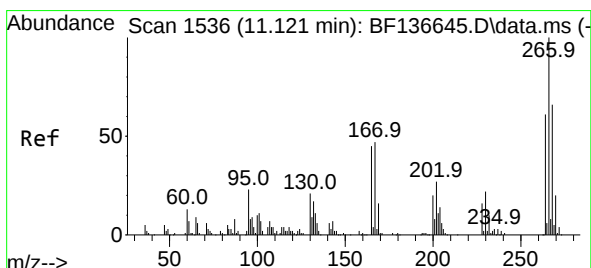
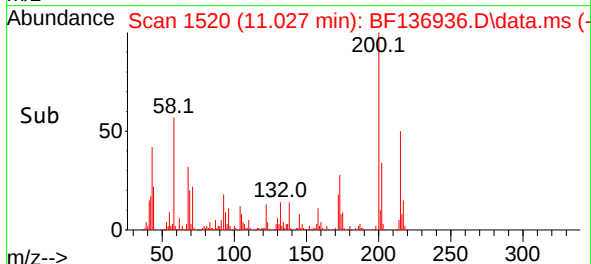
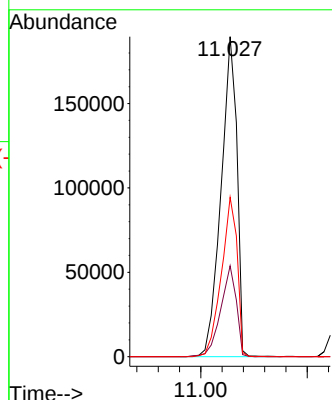
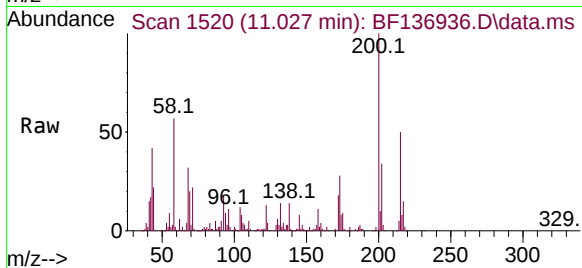
Tgt Ion:200 Resp: 19544
 Ion Ratio Lower Upper
 200 100
 173 28.4 7.6 47.6
 215 49.8 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#70

Pentachlorophenol

Concen: 61.864 ng

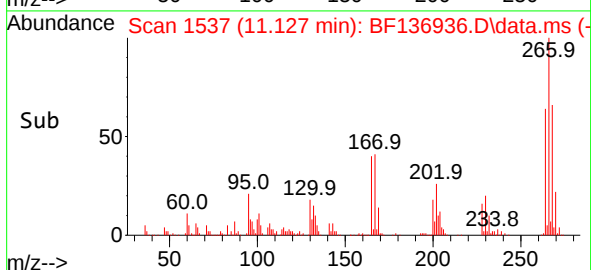
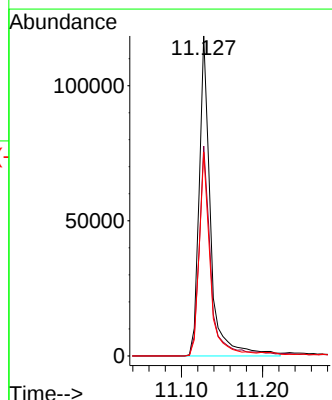
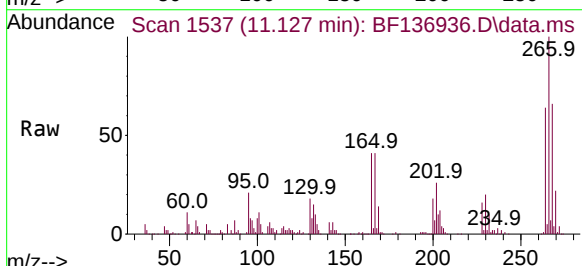
RT: 11.127 min Scan# 1537

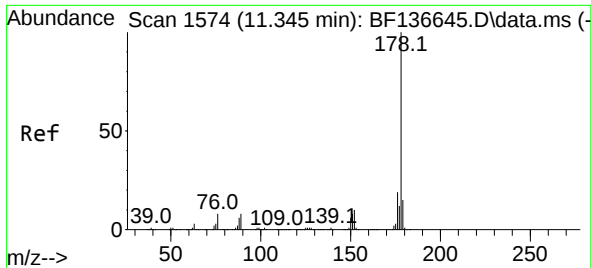
Delta R.T. 0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Tgt Ion:266 Resp: 116056
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.6 78.8
 264 63.7 49.0 73.4





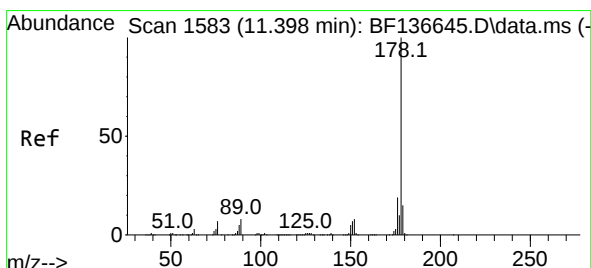
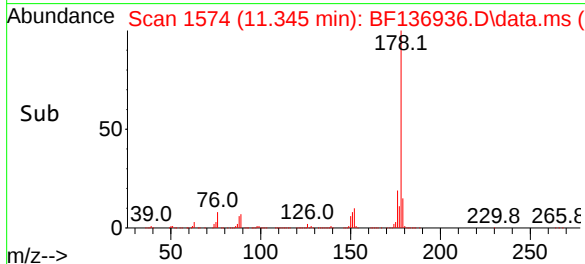
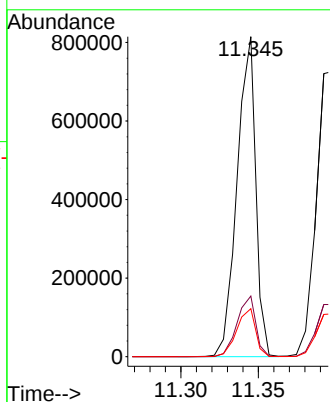
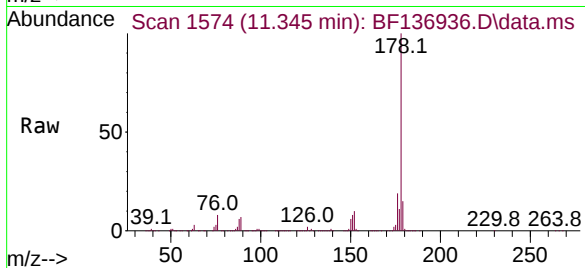
#71
Phenanthrene
Concen: 40.871 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB158180BS

Tgt Ion:178 Resp: 68198
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.0 11.9 17.9

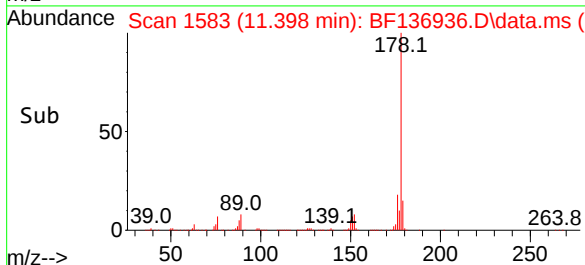
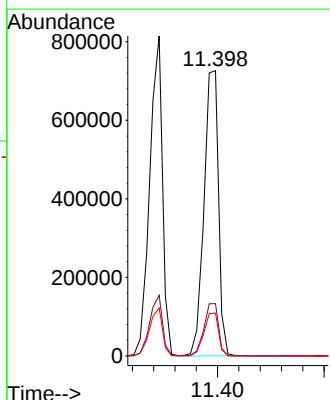
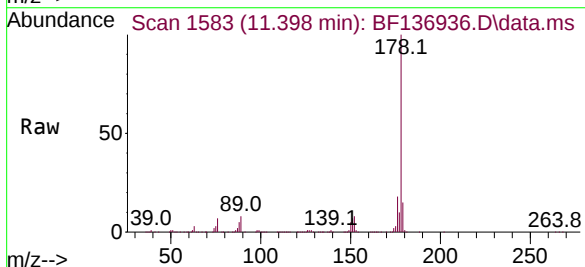
Manual Integrations
APPROVED

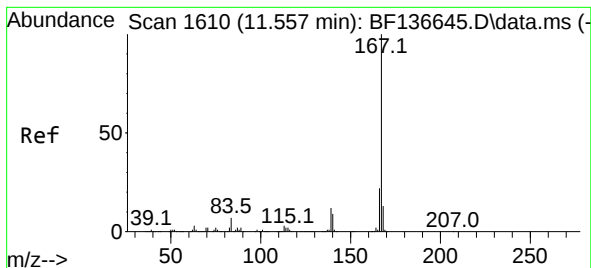
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#72
Anthracene
Concen: 40.857 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:178 Resp: 690429
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.0 11.8 17.6





#73

Carbazole

Concen: 40.163 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

Tgt Ion:167 Resp: 63989

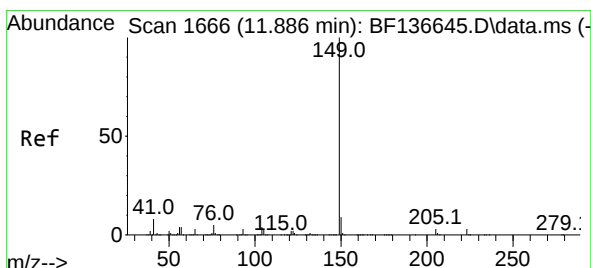
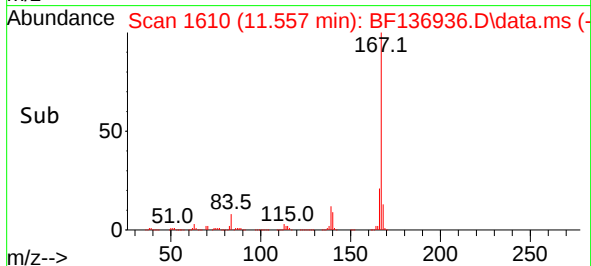
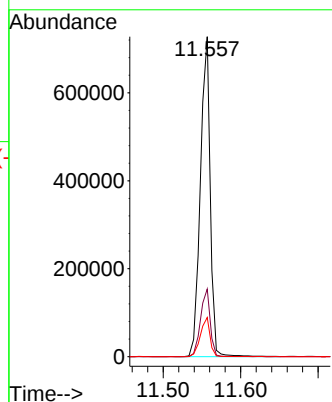
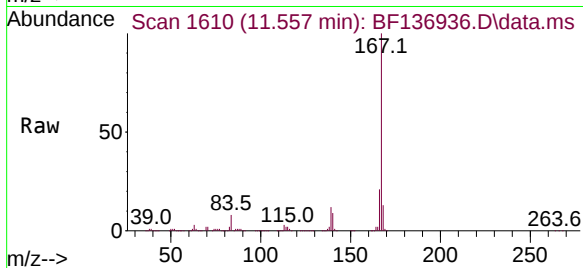
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.3	25.9
139	12.2	9.8	14.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#74

Di-n-butylphthalate

Concen: 41.419 ng

RT: 11.880 min Scan# 1665

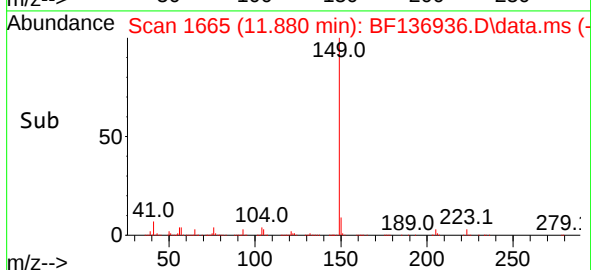
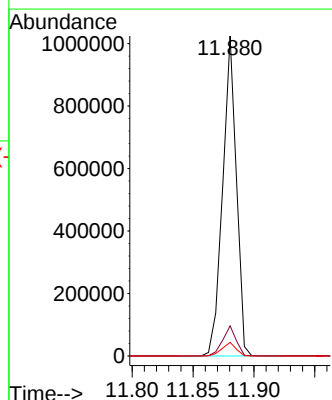
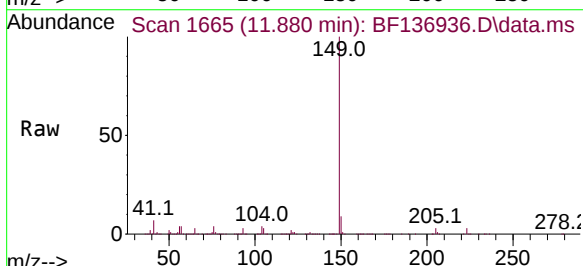
Delta R.T. -0.006 min

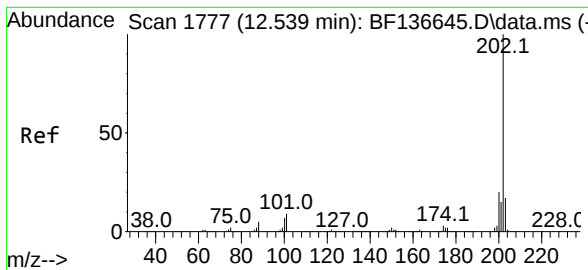
Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Tgt Ion:149 Resp: 805244

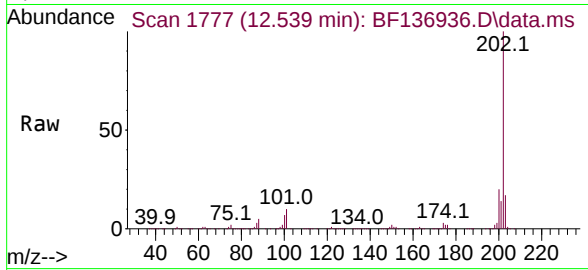
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.2	3.6	5.4





#75
Fluoranthene
Concen: 39.595 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

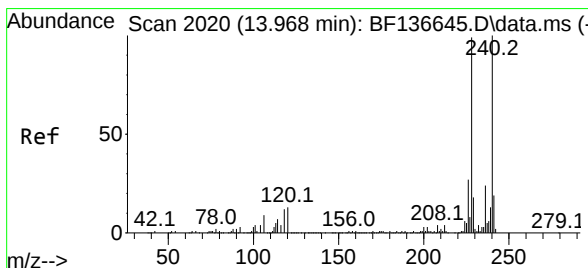
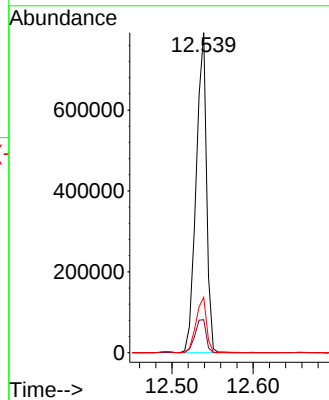
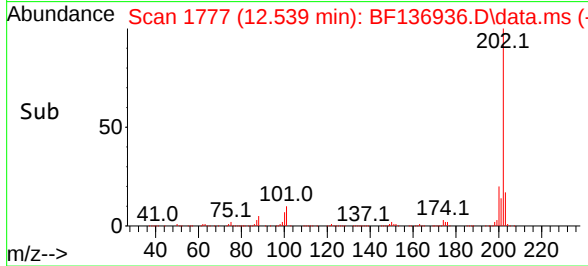
Instrument :
BNA_F
ClientSampleId :
PB158180BS



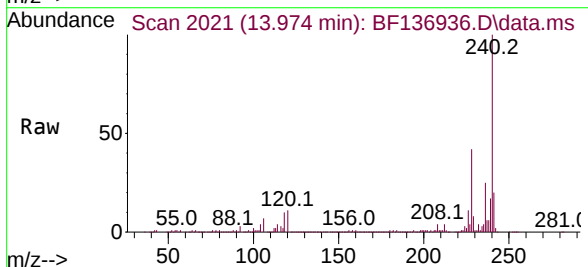
Tgt Ion:202 Resp: 70670
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.3
203 17.3 0.0 37.1

Manual Integrations
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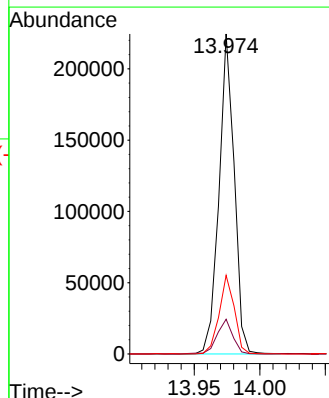
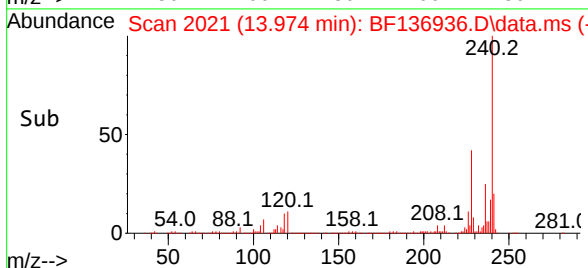
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

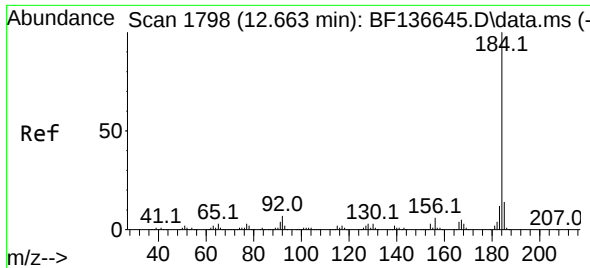


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



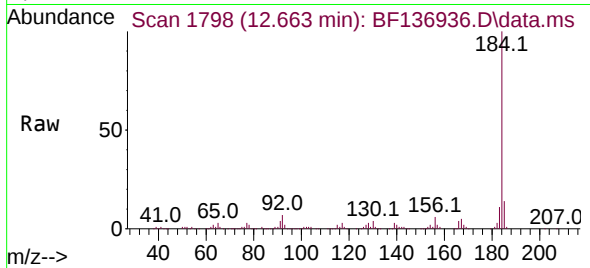
Tgt Ion:240 Resp: 180810
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 24.6 19.4 29.2





#77
Benzidine
Concen: 30.870 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

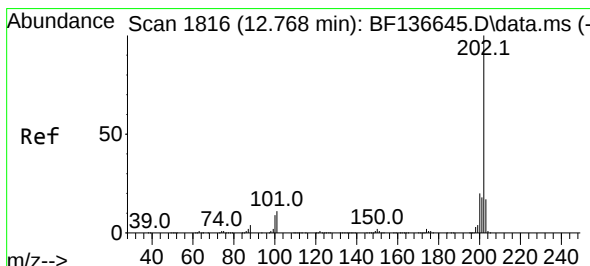
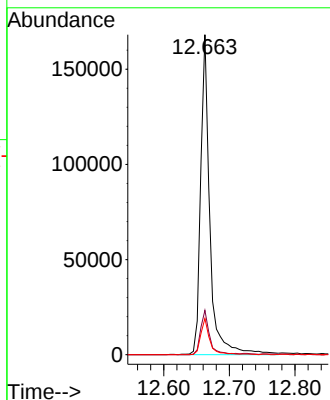
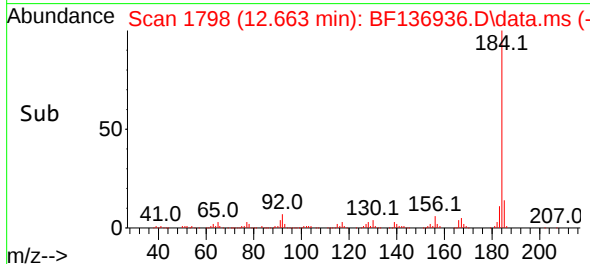
Instrument :
BNA_F
ClientSampleId :
PB158180BS



Tgt Ion:184 Resp: 164579
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 11.3 9.3 13.9

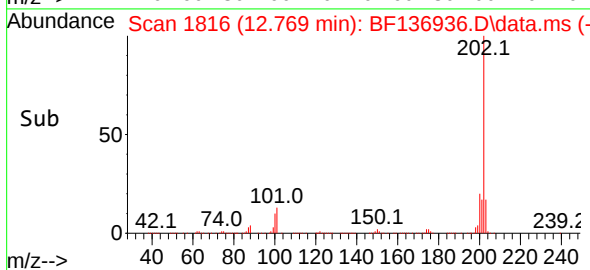
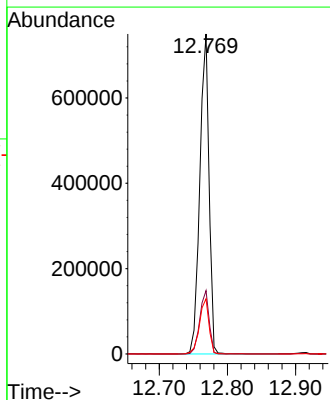
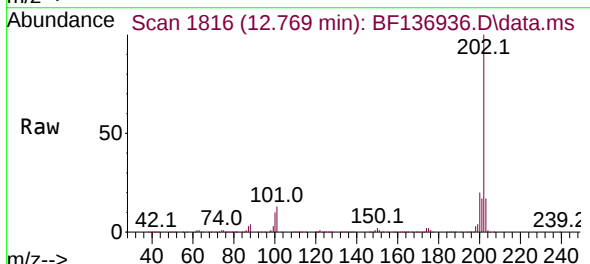
Manual Integrations
APPROVED

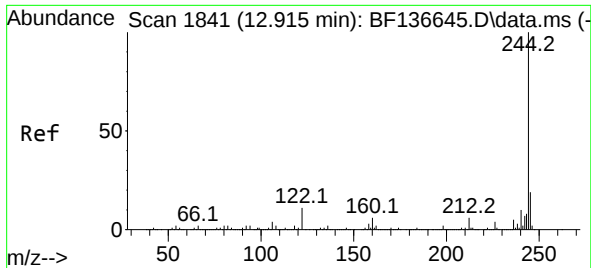
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#78
Pyrene
Concen: 39.766 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:202 Resp: 705822
Ion Ratio Lower Upper
202 100
200 19.8 15.9 23.9
203 17.2 13.8 20.6





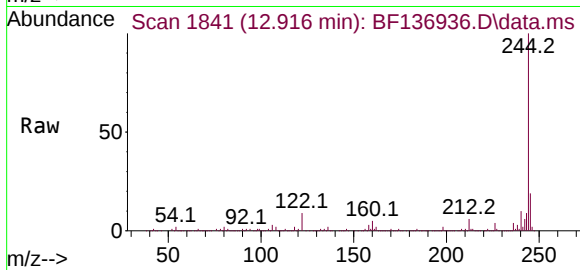
#79
Terphenyl-d14
Concen: 79.053 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS



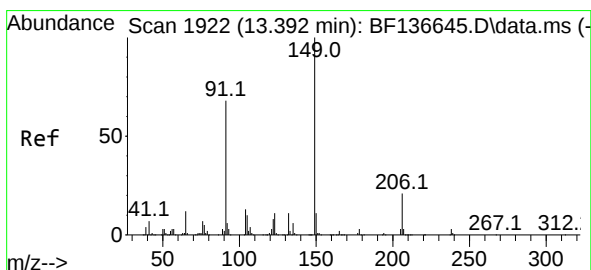
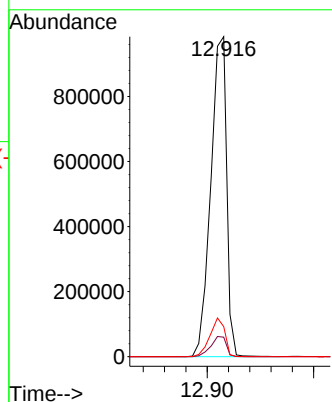
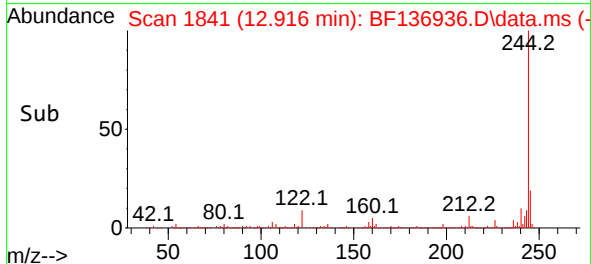
Tgt Ion:244 Resp: 1022823
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 9.4 9.0 13.4

Manual Integrations

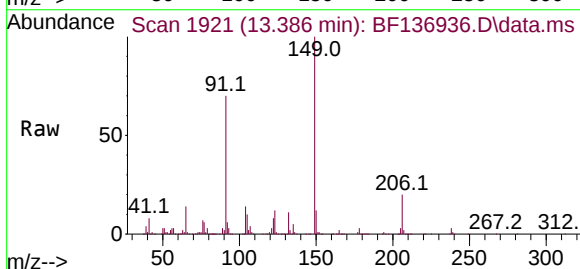
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

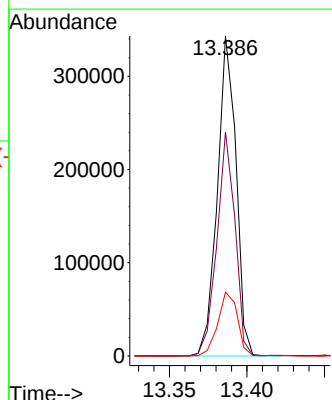
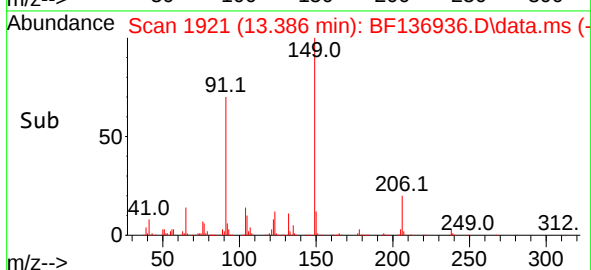
Supervised By :mohammad ahmed 01/05/2024

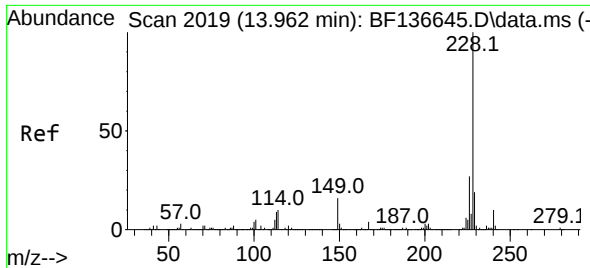


#80
Butylbenzylphthalate
Concen: 44.551 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:149 Resp: 287735
Ion Ratio Lower Upper
149 100
91 70.0 54.1 81.1
206 20.0 17.1 25.7





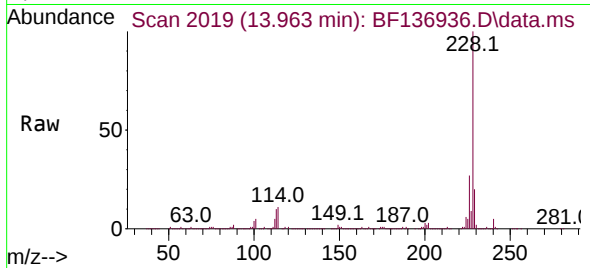
#81
Benzo(a)anthracene
Concen: 40.714 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

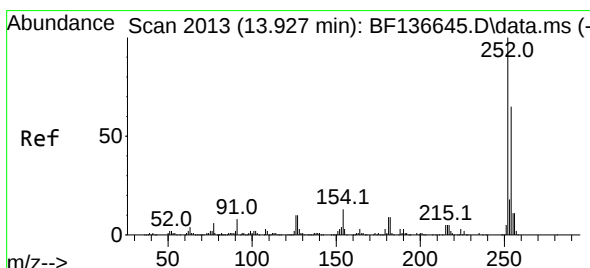
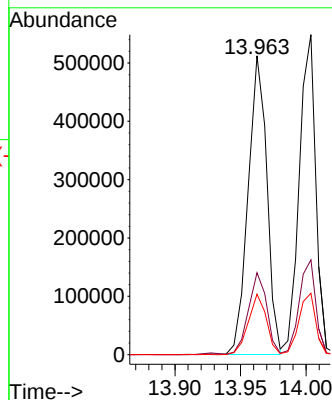
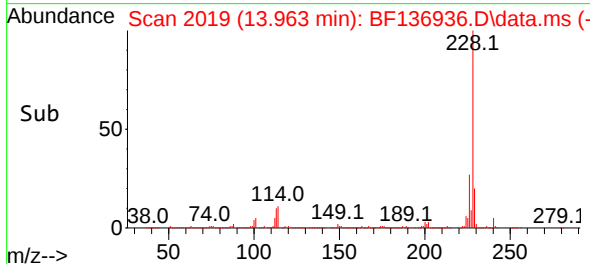


Tgt Ion:228 Resp: 511177
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.2 14.9 22.3

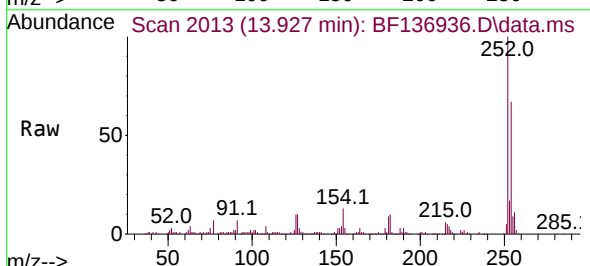
Manual Integrations

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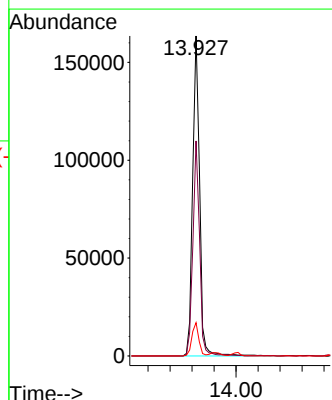
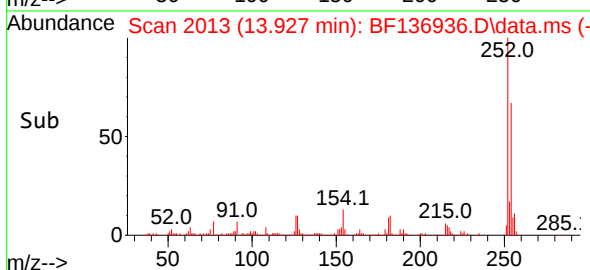
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

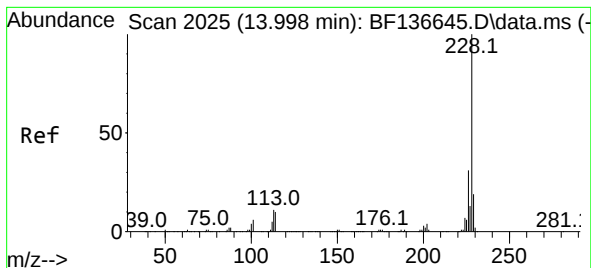


#82
3,3'-Dichlorobenzidine
Concen: 40.127 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:252 Resp: 143077
Ion Ratio Lower Upper
252 100
254 67.2 52.2 78.4
126 10.4 8.0 12.0





#83

Chrysene

Concen: 39.354 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

Tgt Ion:228 Resp: 483178

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

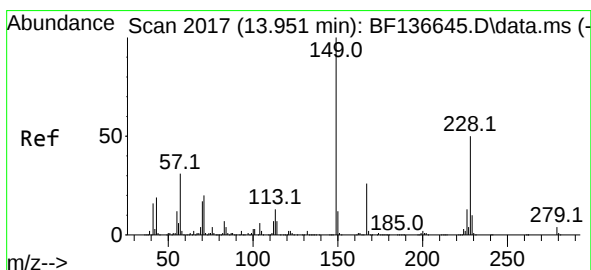
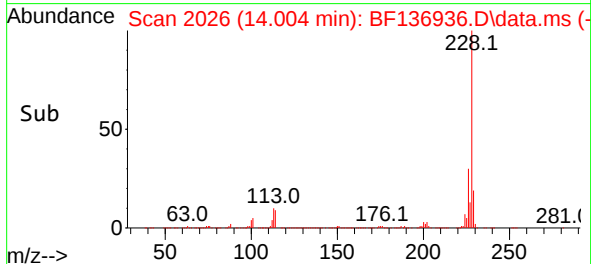
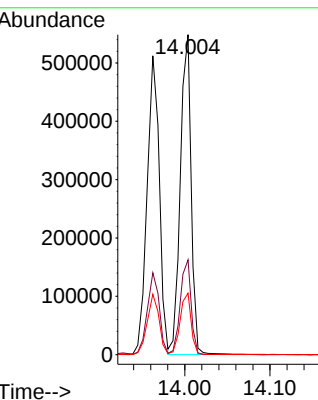
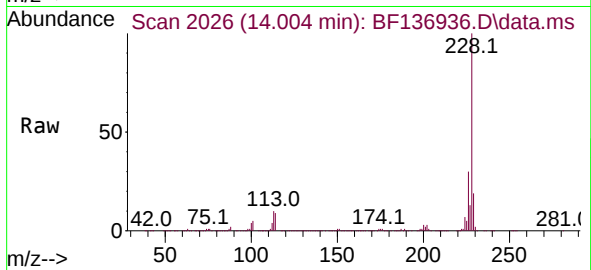
229 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.699 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

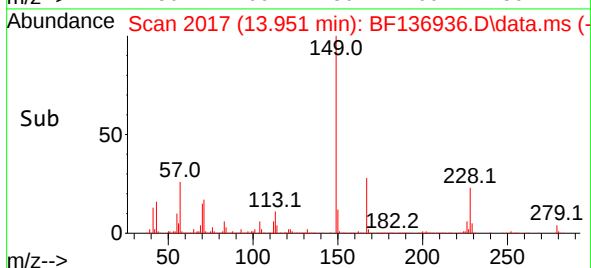
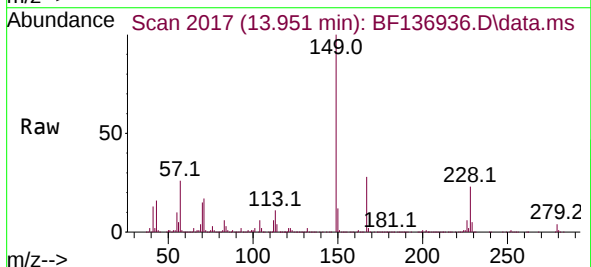
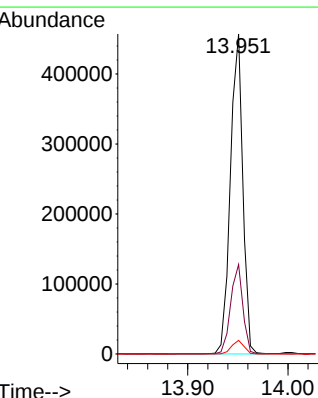
Tgt Ion:149 Resp: 395731

Ion Ratio Lower Upper

149 100

167 27.9 20.9 31.3

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.536 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

Tgt Ion:149 Resp: 58494

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

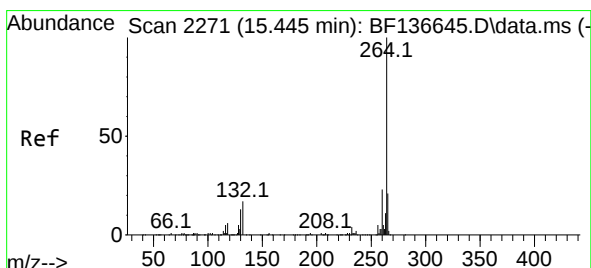
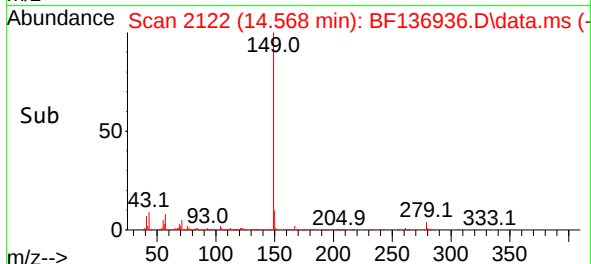
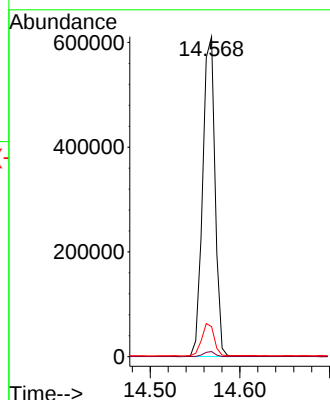
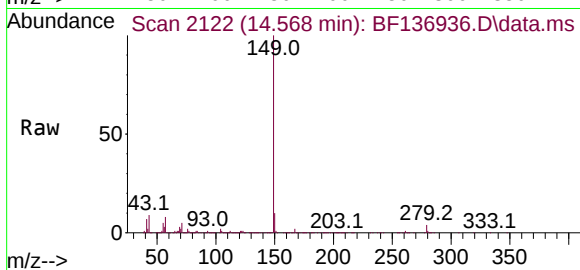
43 10.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

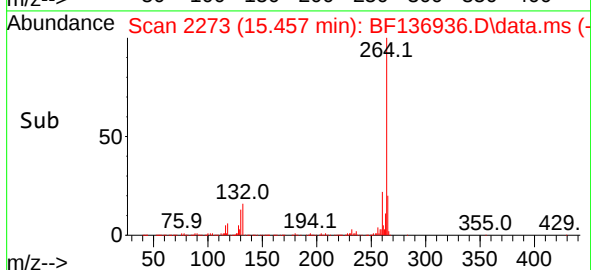
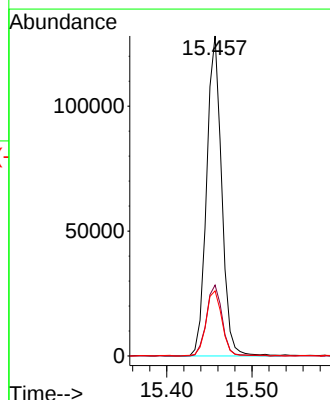
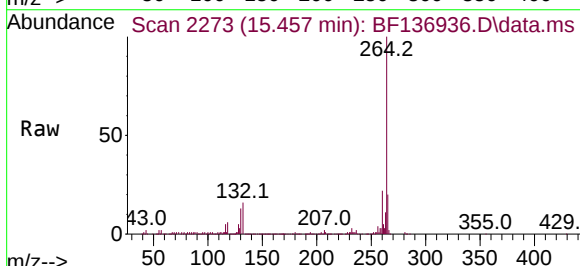
Tgt Ion:264 Resp: 156989

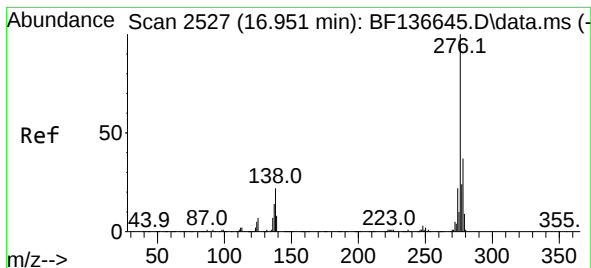
Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.255 ng

RT: 16.980 min Scan# 2198

Delta R.T. 0.030 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

Tgt Ion:276 Resp: 490289

Ion Ratio Lower Upper

276 100

138 23.0 18.7 28.1

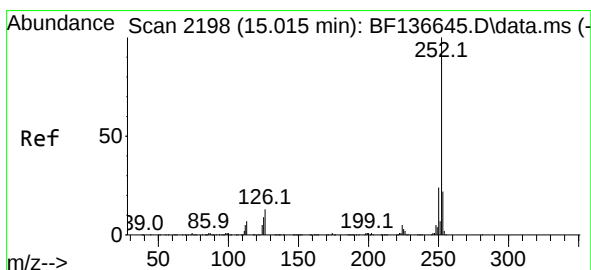
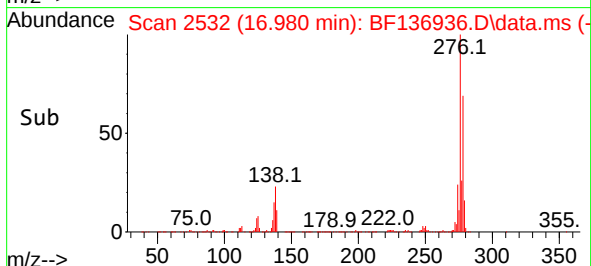
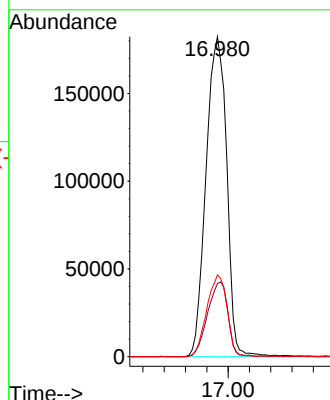
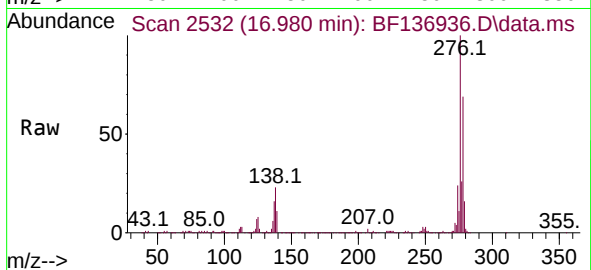
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#88

Benzo(b)fluoranthene

Concen: 43.068 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136936.D

Acq: 04 Jan 2024 12:32

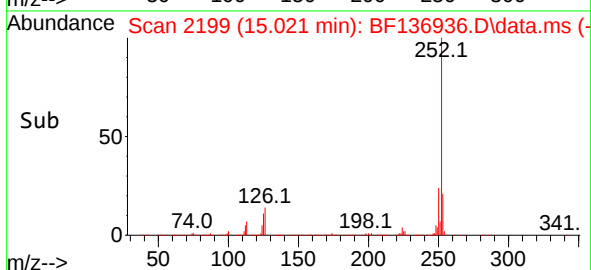
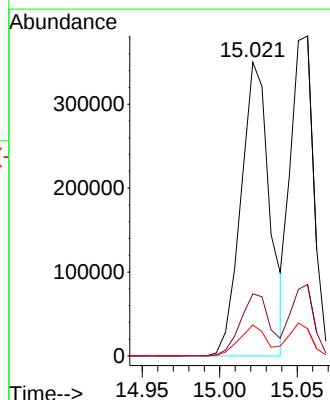
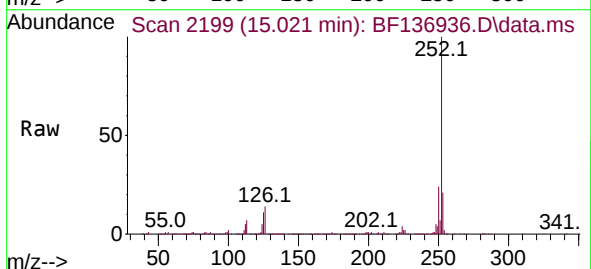
Tgt Ion:252 Resp: 451588

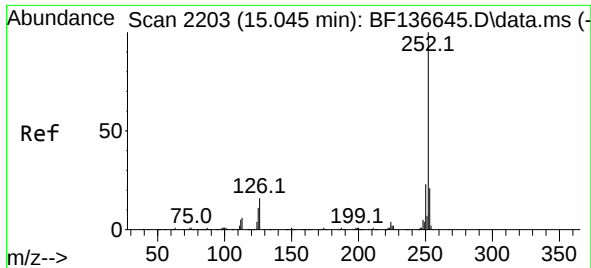
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 10.6 7.4 11.2





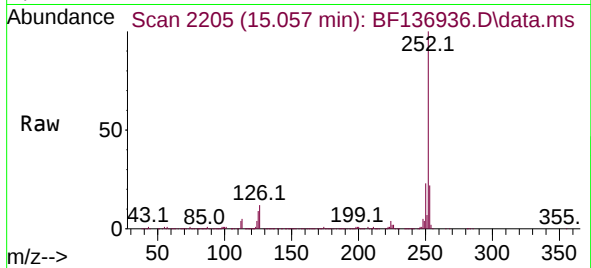
#89
Benzo(k)fluoranthene
Concen: 40.191 ng
RT: 15.057 min Scan# 2203
Delta R.T. 0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158180BS

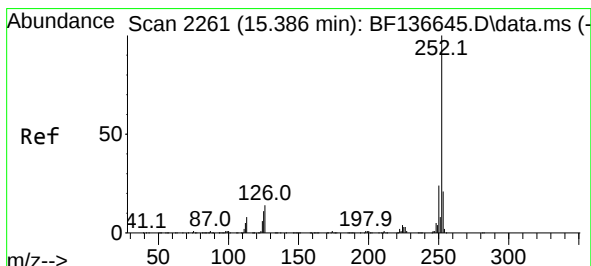
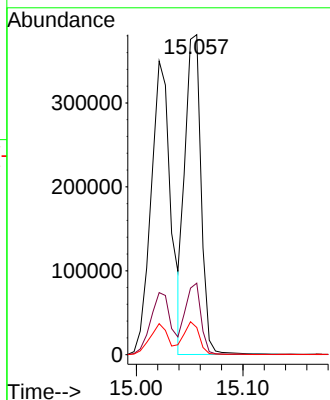
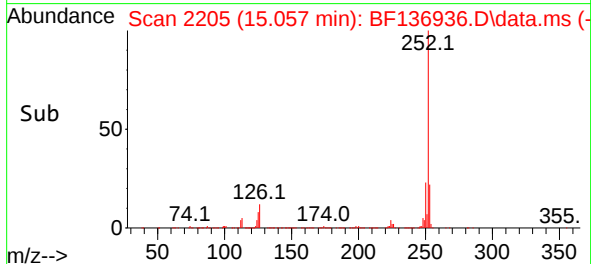


Tgt Ion:252 Resp: 398200
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 8.5 8.2 12.4

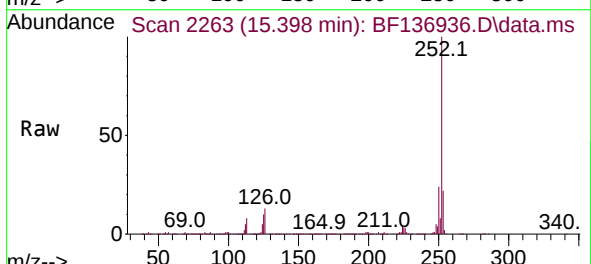
Manual Integrations

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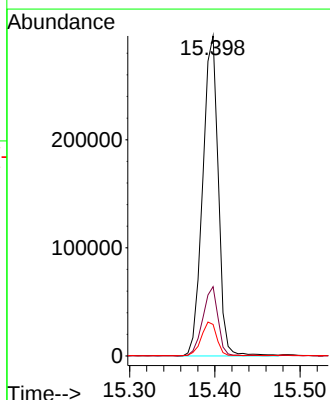
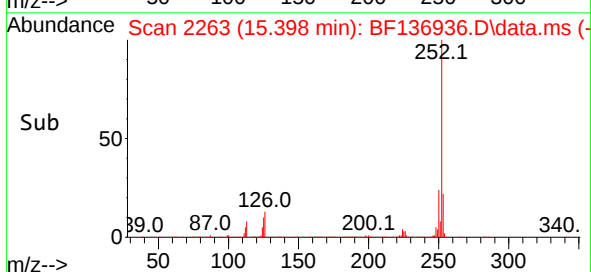
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

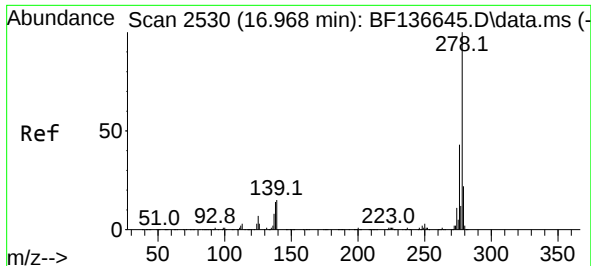


#90
Benzo(a)pyrene
Concen: 42.461 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32



Tgt Ion:252 Resp: 375813
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 43.986 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Instrument :

BNA_F

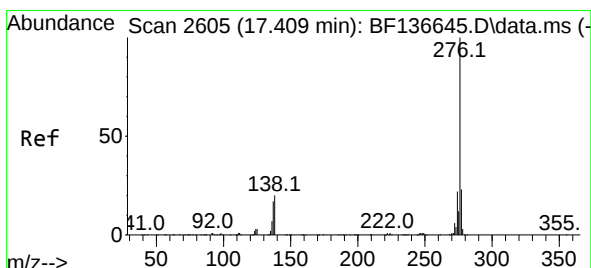
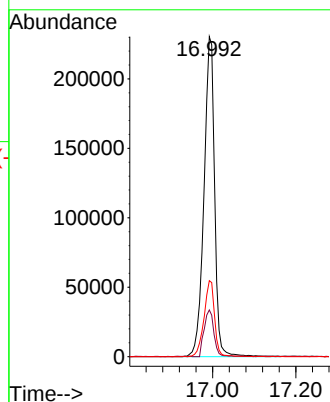
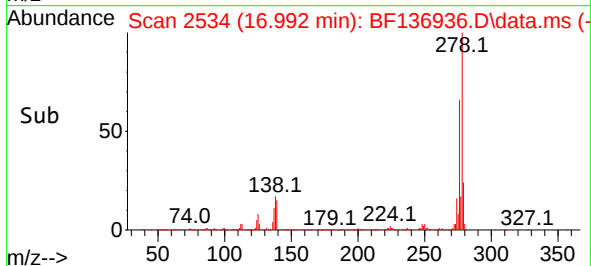
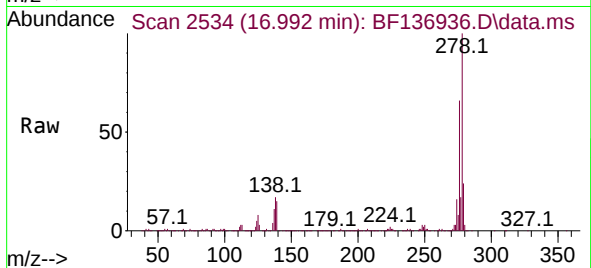
ClientSampleId :

PB158180BS

Tgt Ion:278 Resp: 40902
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 23.8 17.8 26.6

Manual Integrations
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Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#92
Benzo(g,h,i)perylene
Concen: 42.629 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.030 min
Lab File: BF136936.D
Acq: 04 Jan 2024 12:32

Tgt Ion:276 Resp: 406008
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 19.2 15.6 23.4

