

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136329.D
 Acq On : 01 Dec 2023 10:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 01 13:14:48 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 28 03:04:20 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	116351	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	489416	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	248049	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	437202	20.000	ng	0.00
76) Chrysene-d12	13.992	240	195717	20.000	ng	0.00
86) Perylene-d12	15.474	264	218938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	674764	80.719	ng	0.00
7) Phenol-d6	6.451	99	838470	80.218	ng	0.00
23) Nitrobenzene-d5	7.375	82	770473	83.190	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	251105	82.802	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1576394	81.175	ng	0.00
79) Terphenyl-d14	12.933	244	1430069	84.283	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	131414	41.547	ng	96
3) Pyridine	3.345	79	327726	41.974	ng	95
4) n-Nitrosodimethylamine	3.310	42	139221	35.274	ng	89
6) Aniline	6.481	93	425565	43.076	ng	95
8) 2-Chlorophenol	6.598	128	369367	40.580	ng	93
9) Benzaldehyde	6.363	77	232403	39.893	ng	97
10) Phenol	6.463	94	455522	40.622	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	327920	39.862	ng	97
12) 1,3-Dichlorobenzene	6.751	146	418420	40.507	ng	98
13) 1,4-Dichlorobenzene	6.828	146	422571	40.242	ng	97
14) 1,2-Dichlorobenzene	6.981	146	402583	40.497	ng	98
15) Benzyl Alcohol	6.951	79	294819	40.230	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.086	45	443791	38.838	ng	98
17) 2-Methylphenol	7.063	107	299778	41.893	ng	98
18) Hexachloroethane	7.316	117	148879	40.420	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	247242	39.550	ng	95
20) 3+4-Methylphenols	7.216	107	372711	40.076	ng	93
22) Acetophenone	7.222	105	513853	39.977	ng	# 91
24) Nitrobenzene	7.392	77	383568	40.868	ng	96
25) Isophorone	7.628	82	687032	41.139	ng	99
26) 2-Nitrophenol	7.704	139	187230	46.820	ng	99
27) 2,4-Dimethylphenol	7.745	122	230595	43.810	ng	92
28) bis(2-Chloroethoxy)met...	7.839	93	418265	41.406	ng	98
29) 2,4-Dichlorophenol	7.945	162	306321	43.147	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	355578	40.908	ng	97
31) Naphthalene	8.110	128	1142273	41.524	ng	98
32) Benzoic acid	7.869	122	229926m	47.931	ng	
33) 4-Chloroaniline	8.163	127	406196	43.440	ng	95
34) Hexachlorobutadiene	8.228	225	212307	41.750	ng	98
35) Caprolactam	8.539	113	85356	43.007	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	320316	41.600	ng	99
37) 2-Methylnaphthalene	8.804	142	720008	41.725	ng	99
38) 1-Methylnaphthalene	8.898	142	699101	41.530	ng	94
40) 1,2,4,5-Tetrachloroben...	8.969	216	333829	42.288	ng	99
41) Hexachlorocyclopentadiene	8.951	237	119371	39.298	ng	99
43) 2,4,6-Trichlorophenol	9.080	196	218632	42.669	ng	96

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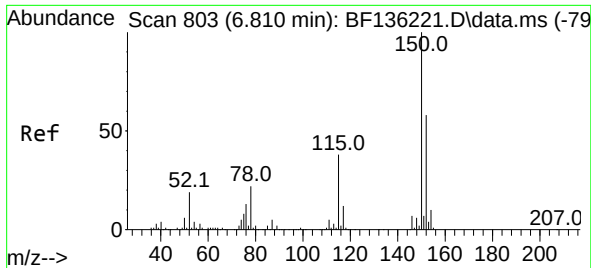
Quant Time: Dec 01 13:14:48 2023
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 QLast Update : Tue Nov 28 03:04:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	235999	42.206	ng	98
46) 1,1'-Biphenyl	9.269	154	906536	41.443	ng	98
47) 2-Chloronaphthalene	9.292	162	712076	41.919	ng	99
48) 2-Nitroaniline	9.386	65	186245	41.994	ng	94
49) Acenaphthylene	9.710	152	1006996	41.540	ng	99
50) Dimethylphthalate	9.575	163	765005	40.805	ng	99
51) 2,6-Dinitrotoluene	9.633	165	169141	44.161	ng	99
52) Acenaphthene	9.880	154	636898	41.574	ng	98
53) 3-Nitroaniline	9.804	138	163302	42.970	ng	97
54) 2,4-Dinitrophenol	9.910	184	73801	41.431	ng	94
55) Dibenzofuran	10.051	168	929864	40.791	ng	97
56) 4-Nitrophenol	9.963	139	114791	39.770	ng	86
57) 2,4-Dinitrotoluene	10.039	165	217258	42.465	ng	97
58) Fluorene	10.398	166	721226	40.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	182646	41.053	ng	99
60) Diethylphthalate	10.274	149	749701	39.976	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	348473	40.130	ng	98
62) 4-Nitroaniline	10.416	138	153392	41.235	ng	96
63) Azobenzene	10.551	77	680853	39.160	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	107861	45.114	ng	85
66) n-Nitrosodiphenylamine	10.510	169	615453	43.927	ng	97
67) 4-Bromophenyl-phenylether	10.880	248	219272	42.989	ng	95
68) Hexachlorobenzene	10.945	284	254920	43.182	ng	# 92
69) Atrazine	11.039	200	164358	39.545	ng	96
70) Pentachlorophenol	11.139	266	138696	41.564	ng	95
71) Phenanthrene	11.363	178	1022651	41.617	ng	99
72) Anthracene	11.416	178	1017254	41.281	ng	99
73) Carbazole	11.569	167	828833	39.547	ng	99
74) Di-n-butylphthalate	11.910	149	1052102	40.121	ng	98
75) Fluoranthene	12.557	202	945450	37.901	ng	97
77) Benzidine	12.680	184	218246	67.836	ng	99
78) Pyrene	12.786	202	925079	43.159	ng	98
80) Butylbenzylphthalate	13.415	149	289214	43.355	ng	93
81) Benzo(a)anthracene	13.980	228	584241	40.189	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	172727	49.360	ng	94
83) Chrysene	14.015	228	573696	40.872	ng	97
84) Bis(2-ethylhexyl)phtha...	13.980	149	352440	44.022	ng	# 96
85) Di-n-octyl phthalate	14.598	149	609939	47.026	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	663295	40.948	ng	99
88) Benzo(b)fluoranthene	15.039	252	596182	38.813	ng	99
89) Benzo(k)fluoranthene	15.068	252	519198	35.589	ng	97
90) Benzo(a)pyrene	15.415	252	506484	40.336	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	532841	40.987	ng	99
92) Benzo(g,h,i)perylene	17.450	276	540166	41.261	ng	99

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



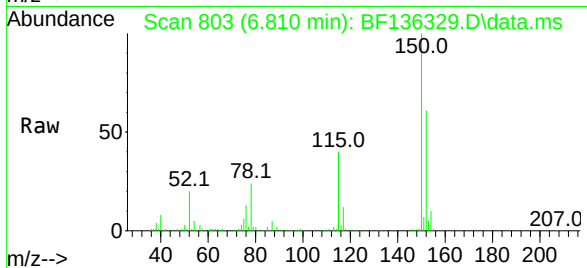
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32

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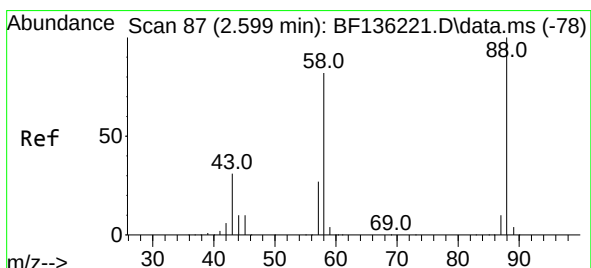
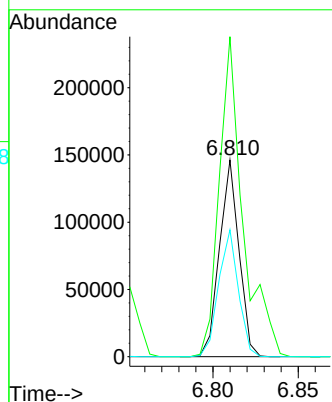
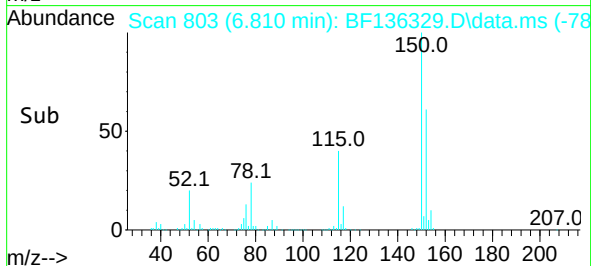


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 Ion Ratio Lower Upper
 152 100
 150 162.7 137.8 206.8
 115 64.5 52.7 79.1

Manual Integrations

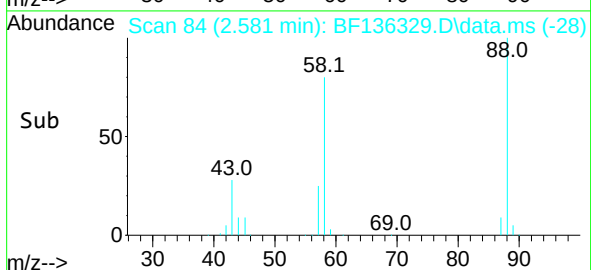
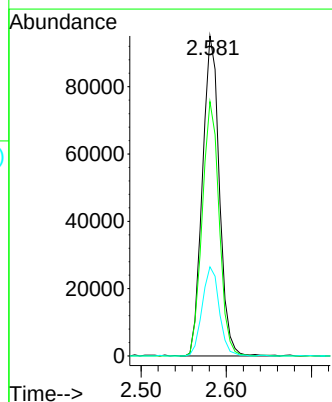
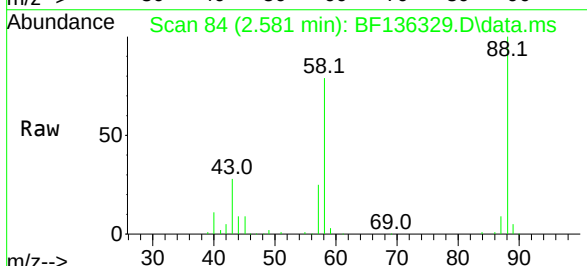
APPROVED

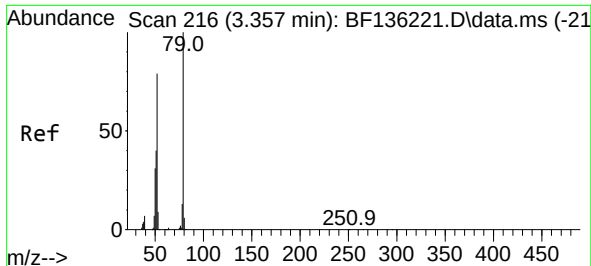
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/05/2023



#2
 1,4-Dioxane
 Concen: 41.547 ng
 RT: 2.581 min Scan# 84
 Delta R.T. -0.018 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32

Tgt Ion: 88 Resp: 131414
 Ion Ratio Lower Upper
 88 100
 58 79.2 65.9 98.9
 43 28.0 24.8 37.2





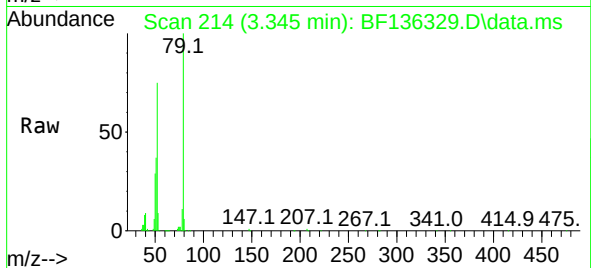
#3
Pyridine
Concen: 41.974 ng
RT: 3.345 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



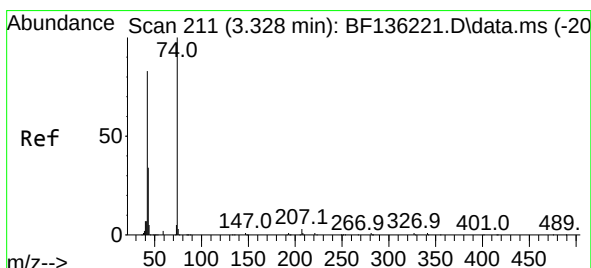
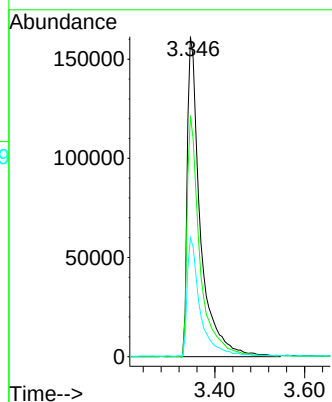
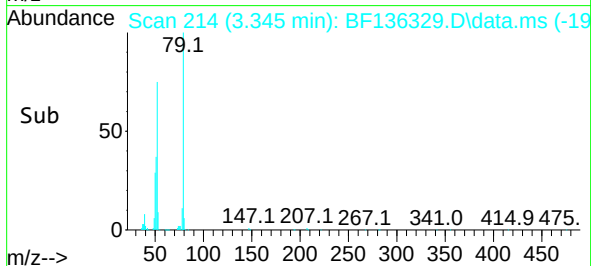
Tgt Ion: 79 Resp: 327720
Ion Ratio Lower Upper
79 100
52 75.3 63.2 94.8
51 37.1 32.6 49.0

Manual Integrations

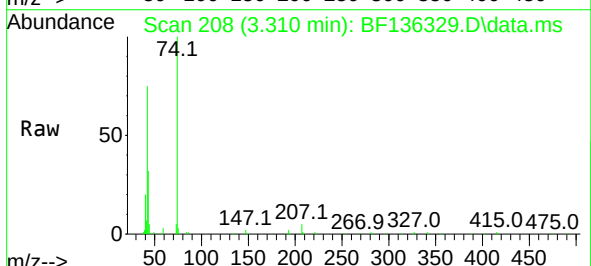
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

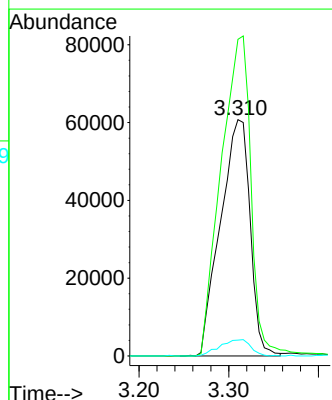
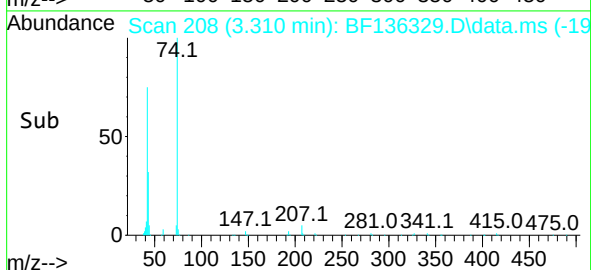
Supervised By :mohammad ahmed 12/05/2023

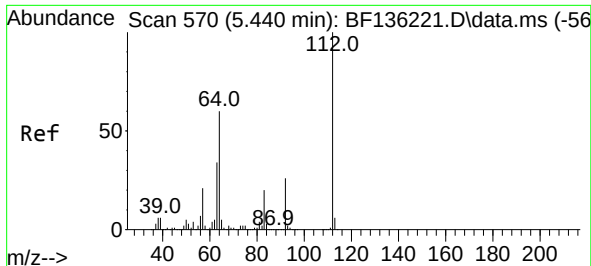


#4
n-Nitrosodimethylamine
Concen: 35.274 ng
RT: 3.310 min Scan# 208
Delta R.T. -0.018 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion: 42 Resp: 139221
Ion Ratio Lower Upper
42 100
74 134.0 96.6 144.8
44 6.7 5.4 8.2





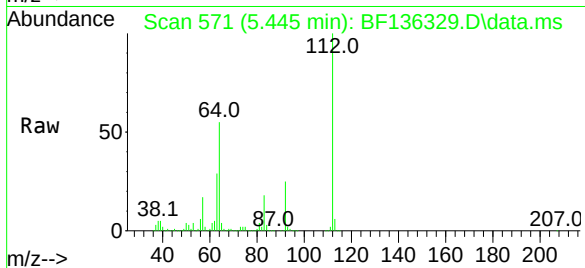
#5
2-Fluorophenol
Concen: 80.719 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



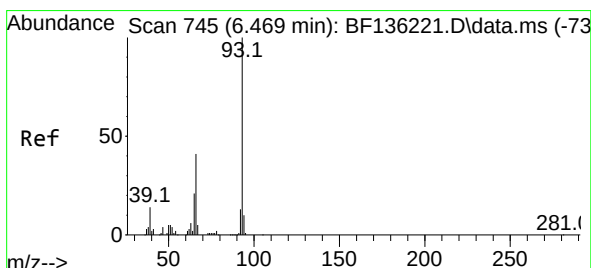
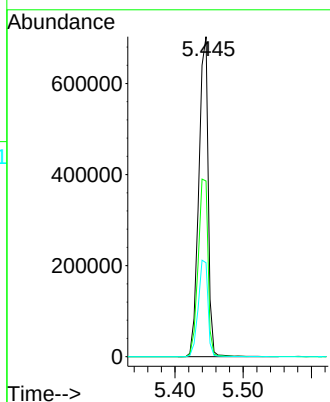
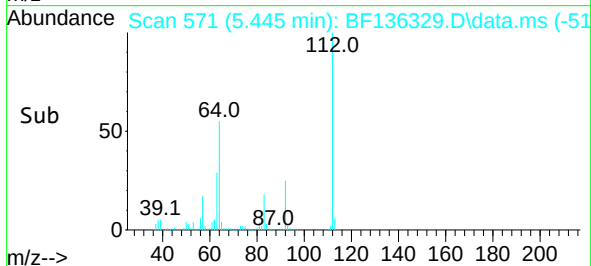
Tgt Ion:112 Resp: 674764
Ion Ratio Lower Upper
112 100
64 54.9 48.2 72.4
63 29.3 27.0 40.6

Manual Integrations

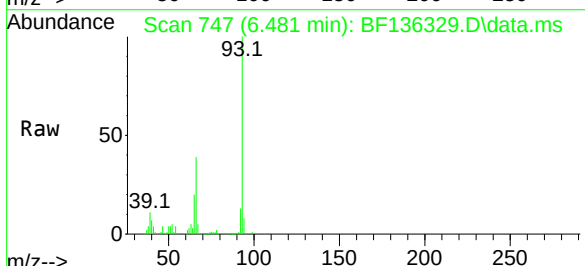
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

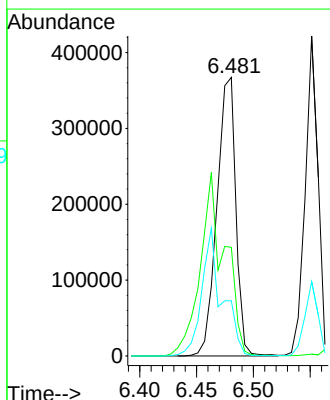
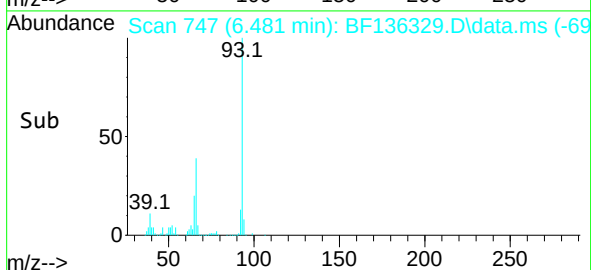
Supervised By :mohammad ahmed 12/05/2023

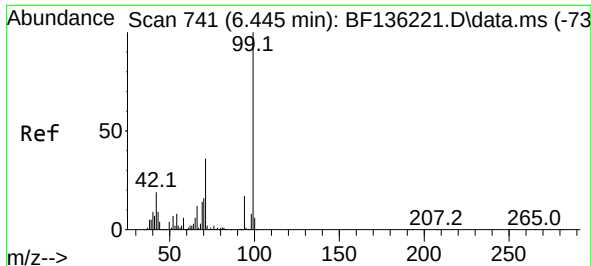


#6
Aniline
Concen: 43.076 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



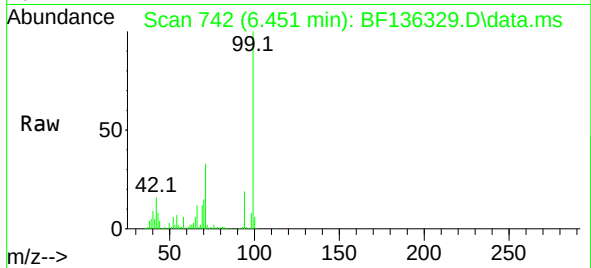
Tgt Ion: 93 Resp: 425565
Ion Ratio Lower Upper
93 100
66 39.0 34.1 51.1
65 19.8 17.3 25.9





#7
Phenol-d6
Concen: 80.218 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

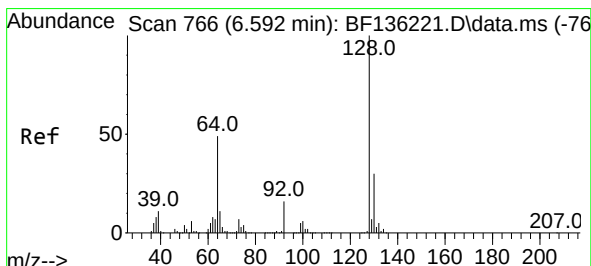
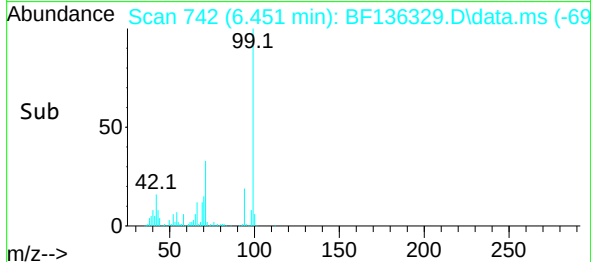
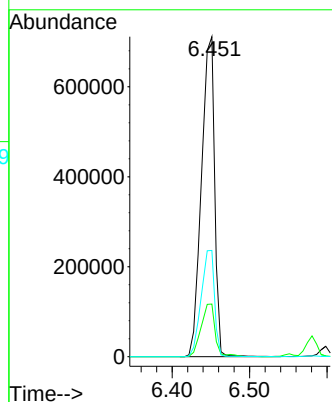
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 838470
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 33.2 28.9 43.3

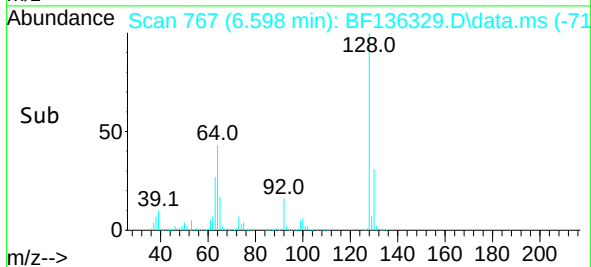
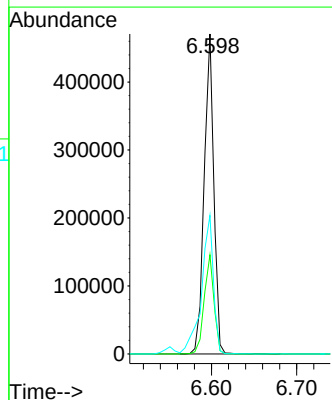
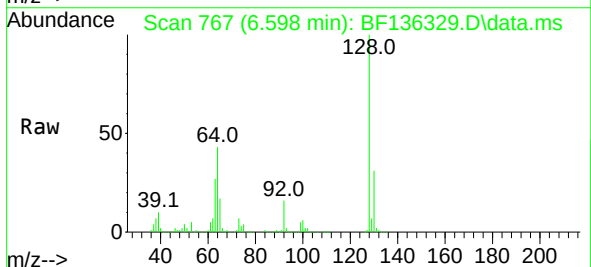
Manual Integrations
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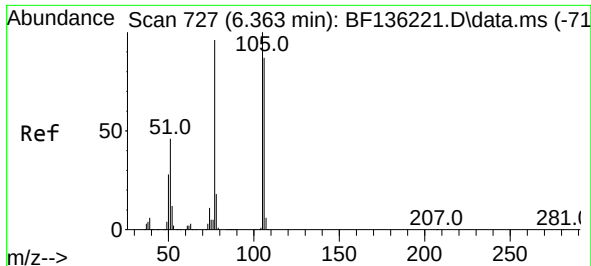
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#8
2-Chlorophenol
Concen: 40.580 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

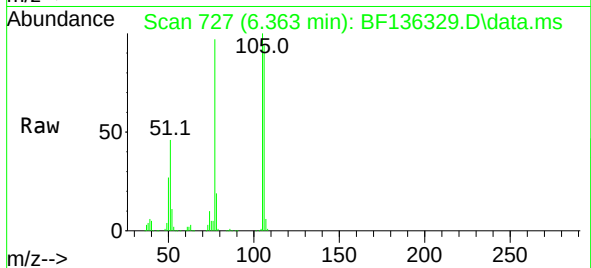
Tgt Ion:128 Resp: 369367
Ion Ratio Lower Upper
128 100
130 31.0 10.3 50.3
64 43.3 30.0 70.0





#9
Benzaldehyde
Concen: 39.893 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

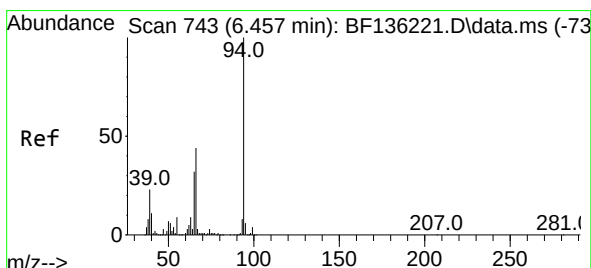
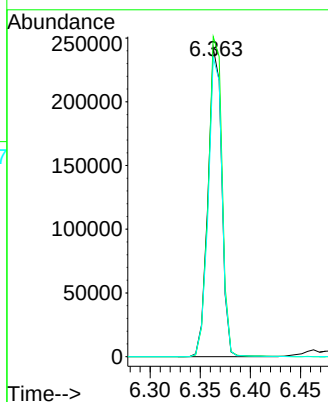
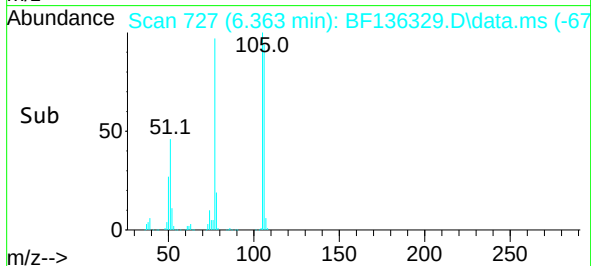
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



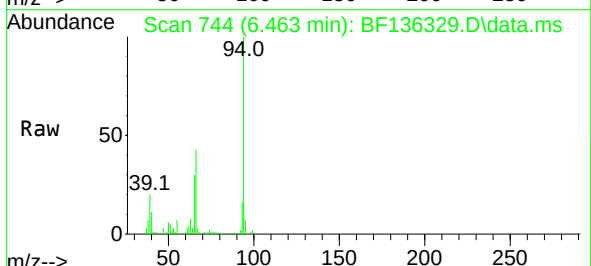
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Ion Ratio Lower Upper
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105 103.6 84.3 124.3
106 96.9 71.0 111.0

Manual Integrations
APPROVED

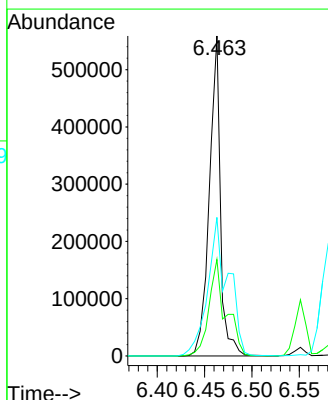
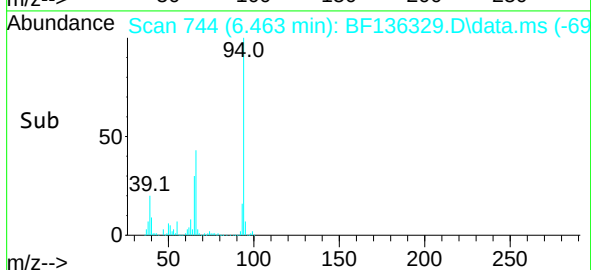
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

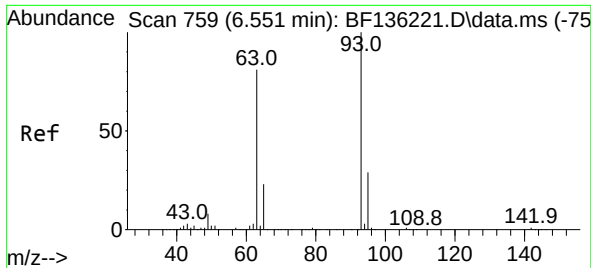


#10
Phenol
Concen: 40.622 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion: 94 Resp: 455522
Ion Ratio Lower Upper
94 100
65 30.2 12.5 52.5
66 43.3 24.1 64.1





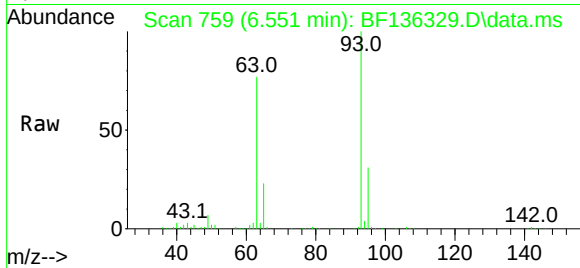
#11
bis(2-Chloroethyl)ether
Concen: 39.862 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

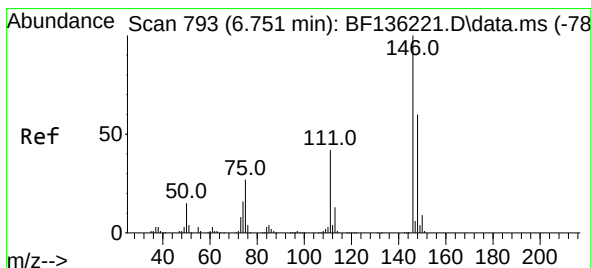
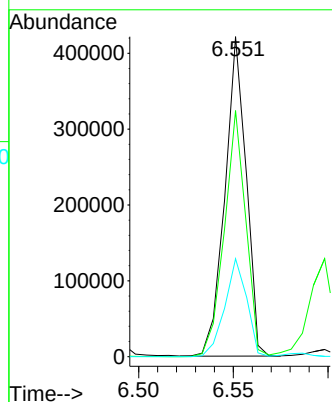
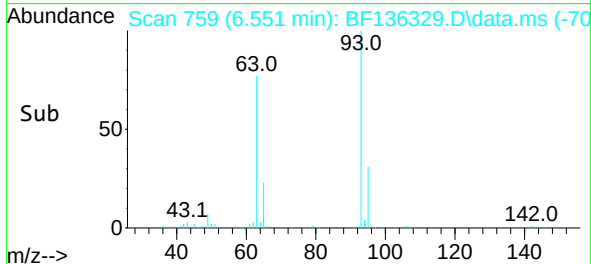
SSTDCCC040



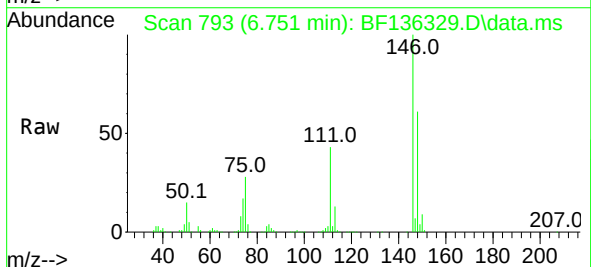
Tgt Ion: 93 Resp: 327920
Ion Ratio Lower Upper
93 100
63 76.9 60.2 100.2
95 30.6 9.1 49.1

Manual Integrations
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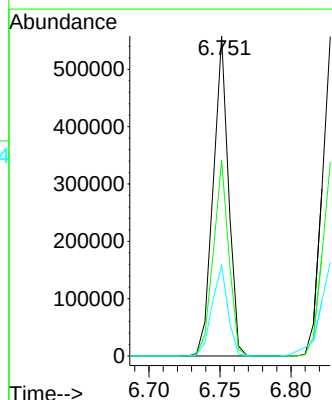
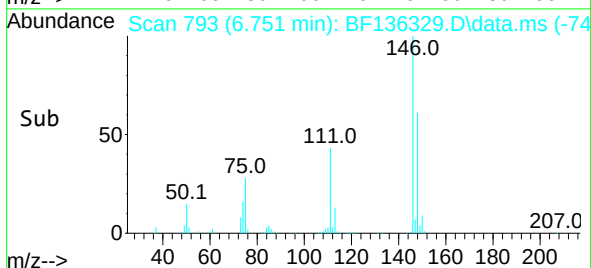
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

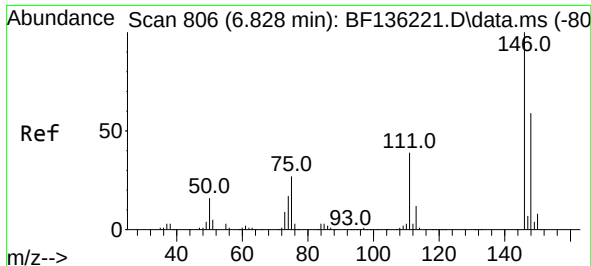


#12
1,3-Dichlorobenzene
Concen: 40.507 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:146 Resp: 418420
Ion Ratio Lower Upper
146 100
148 61.2 47.8 71.6
75 28.4 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.242 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 42257

Ion Ratio Lower Upper

146 100

148 60.8 47.0 70.6

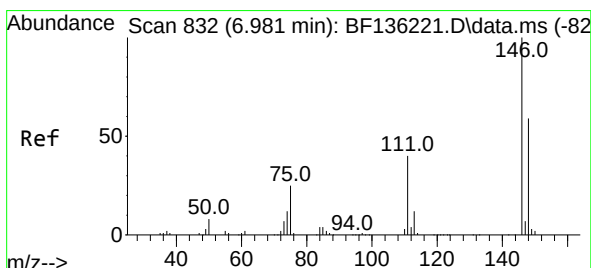
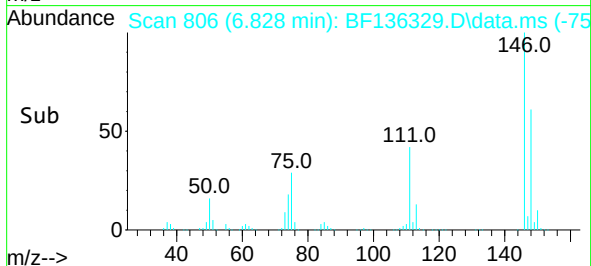
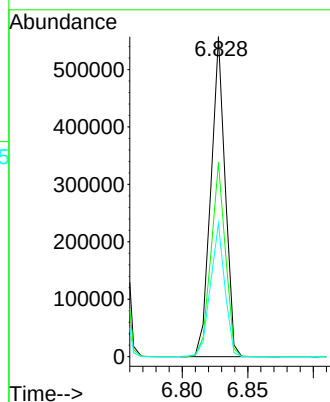
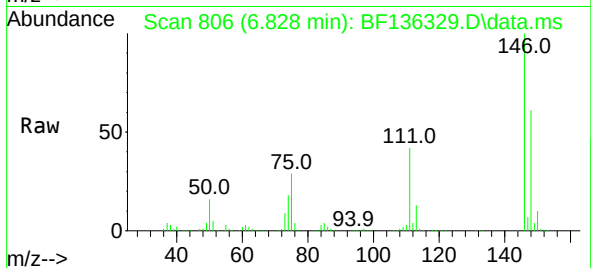
111 41.7 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#14

1,2-Dichlorobenzene

Concen: 40.497 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

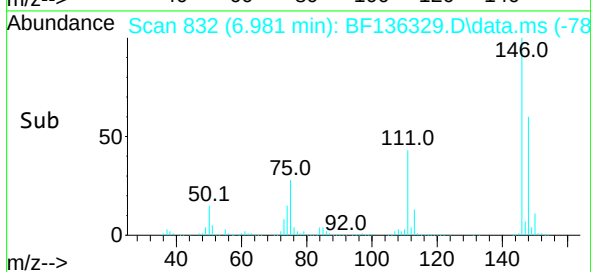
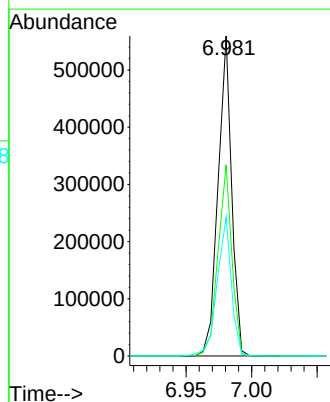
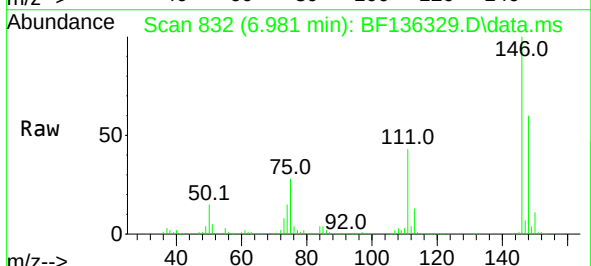
Tgt Ion:146 Resp: 402583

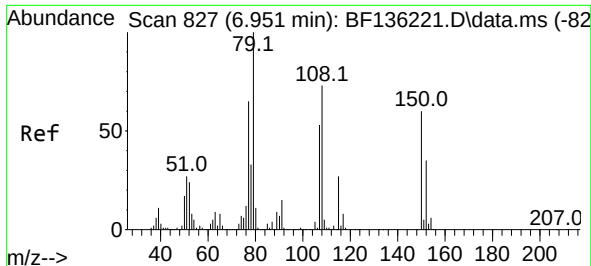
Ion Ratio Lower Upper

146 100

148 59.7 47.3 70.9

111 43.4 32.4 48.6





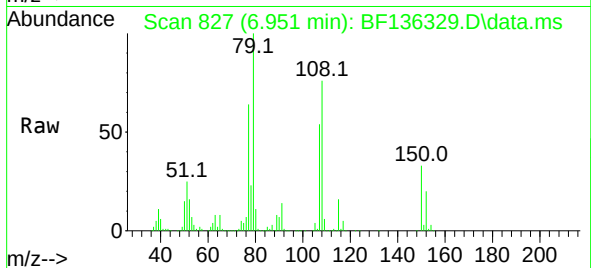
#15
Benzyl Alcohol
Concen: 40.230 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

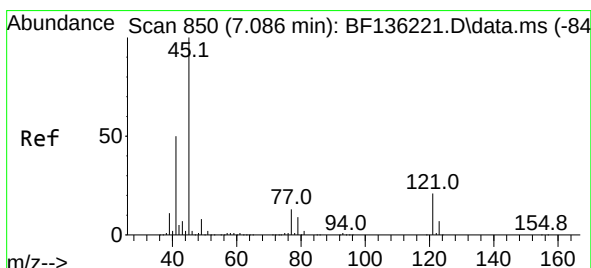
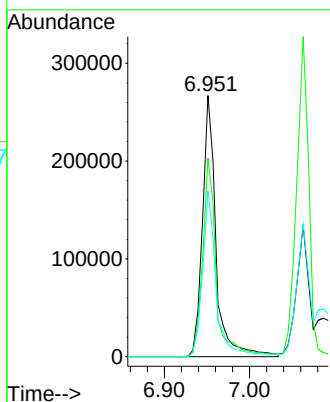
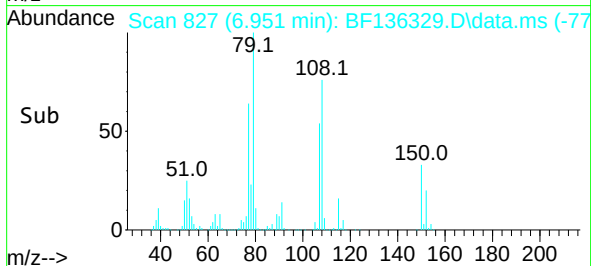


Tgt Ion: 79 Resp: 294819
Ion Ratio Lower Upper
79 100
108 75.9 58.1 87.1
77 63.5 51.8 77.8

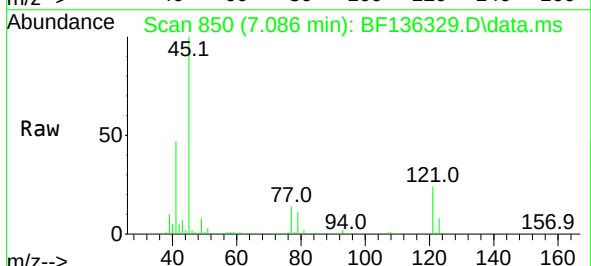
Manual Integrations

APPROVED

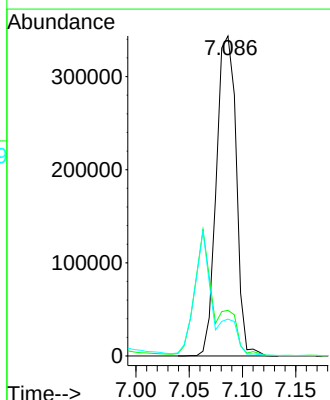
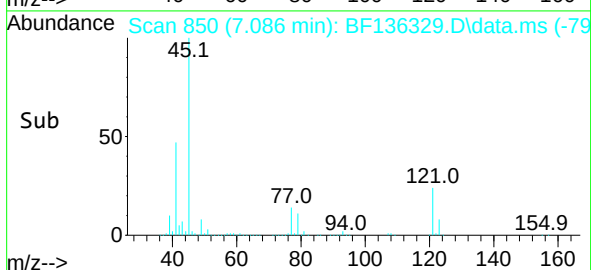
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

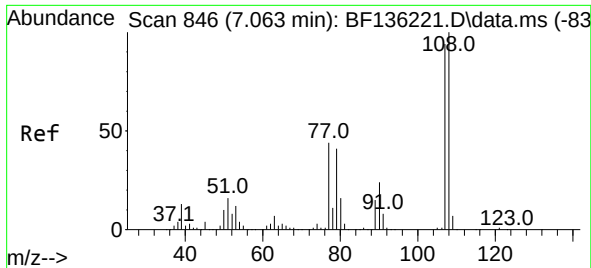


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.838 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion: 45 Resp: 443791
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 11.5 0.0 30.1





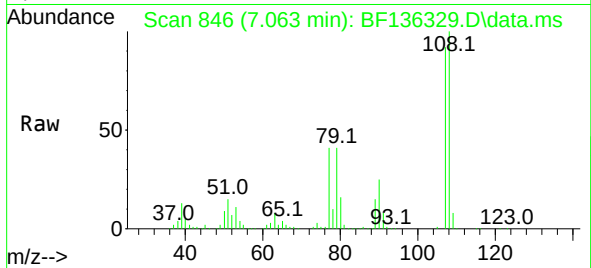
#17
2-Methylphenol
Concen: 41.893 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

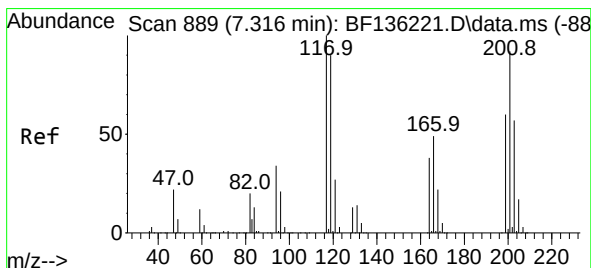
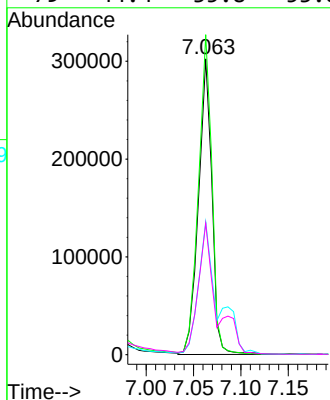
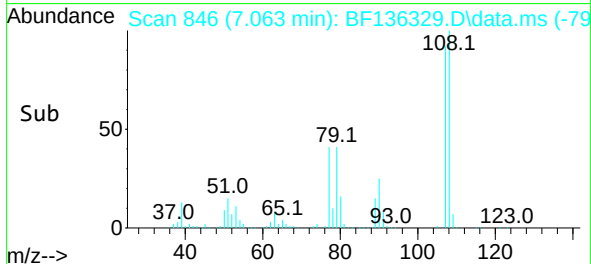


Tgt Ion:107 Resp: 299778
Ion Ratio Lower Upper
107 100
108 108.2 85.4 128.0
77 44.9 37.4 56.2
79 44.4 35.8 53.8

Manual Integrations

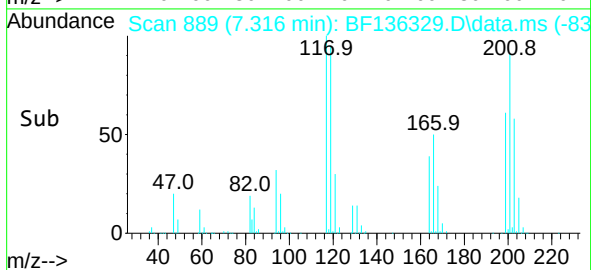
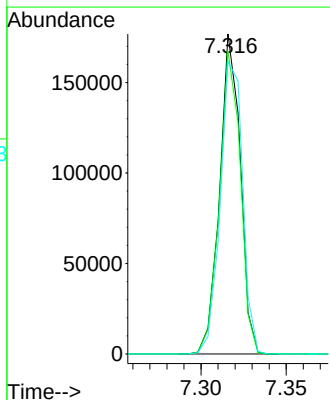
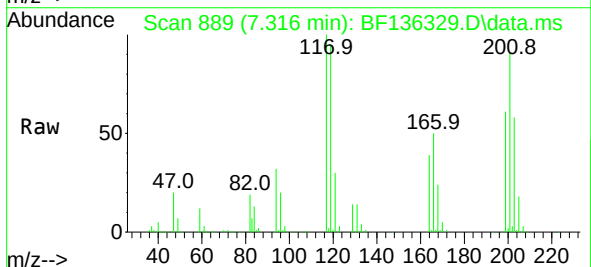
APPROVED

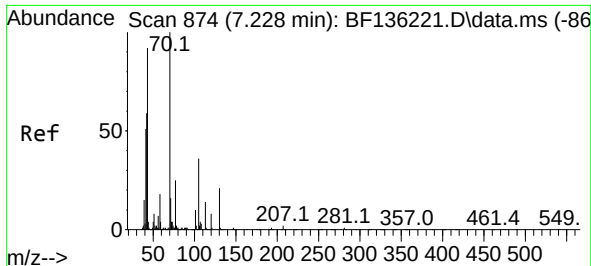
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#18
Hexachloroethane
Concen: 40.420 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

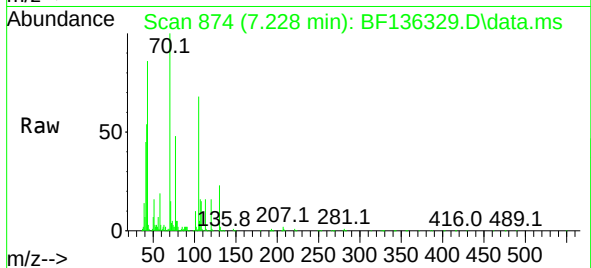
Tgt Ion:117 Resp: 148879
Ion Ratio Lower Upper
117 100
119 94.7 71.6 107.4
201 91.5 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.550 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

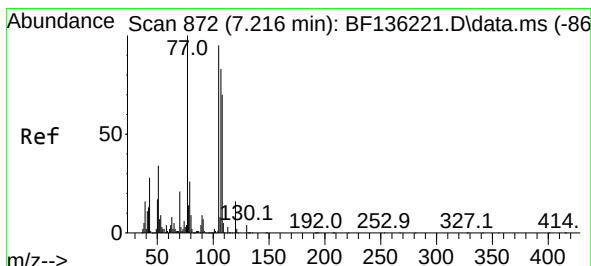
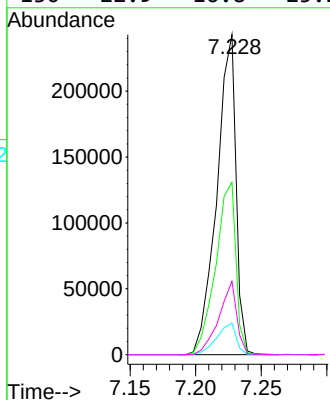
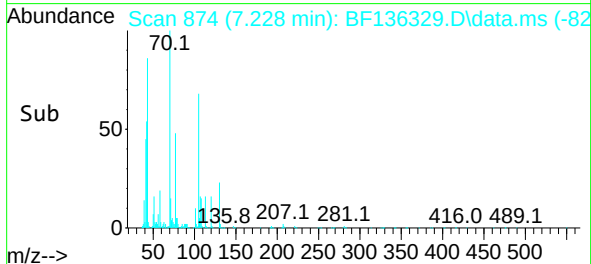
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



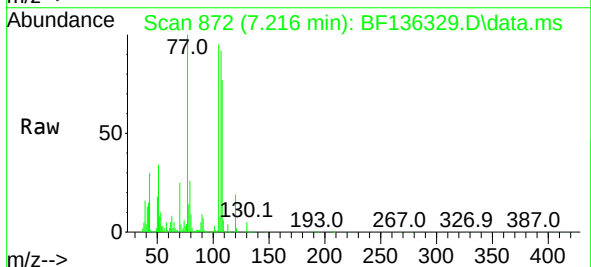
Tgt Ion: 70 Resp: 24724
Ion Ratio Lower Upper
70 100
42 53.8 47.0 70.4
101 9.8 7.8 11.8
130 22.9 16.8 25.2

Manual Integrations
APPROVED

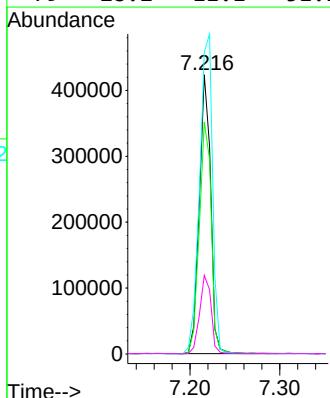
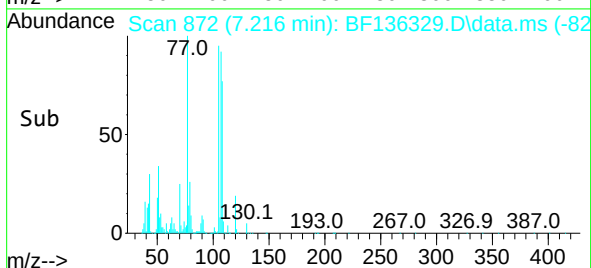
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

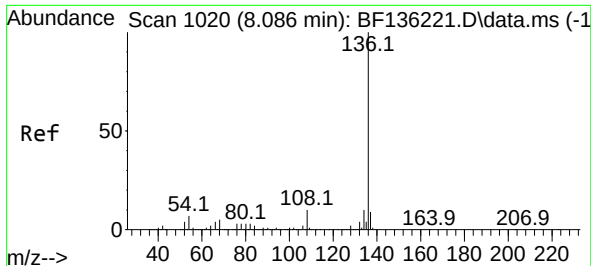


#20
3+4-Methylphenols
Concen: 40.076 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:107 Resp: 372711
Ion Ratio Lower Upper
107 100
108 83.1 63.9 103.9
77 108.2 100.2 140.2
79 28.2 11.1 51.1





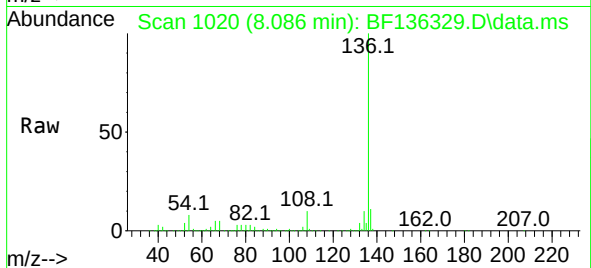
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



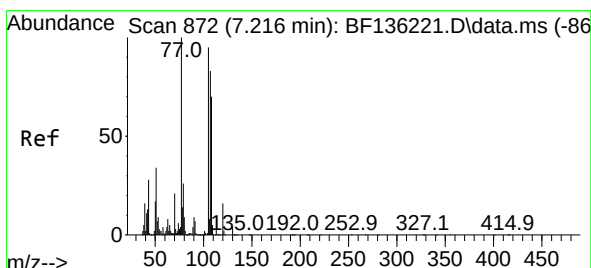
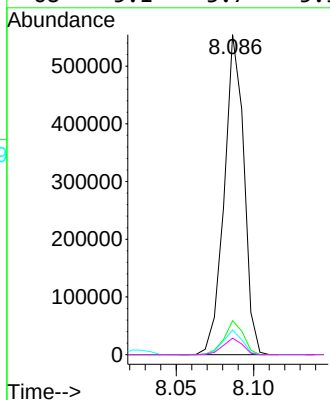
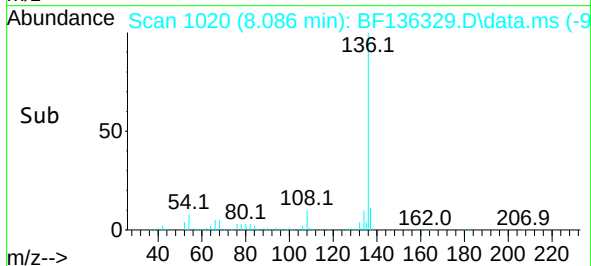
Tgt Ion:136 Resp: 489410
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.2
54 7.7 5.5 8.3
68 5.1 3.7 5.5

Manual Integrations

APPROVED

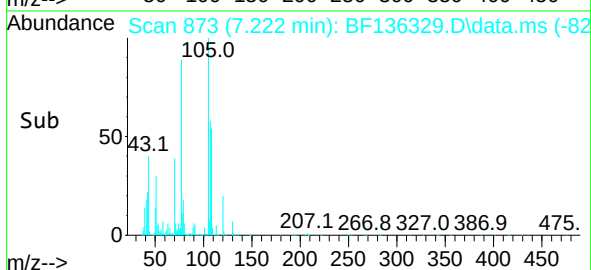
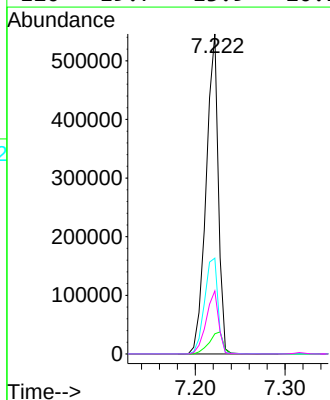
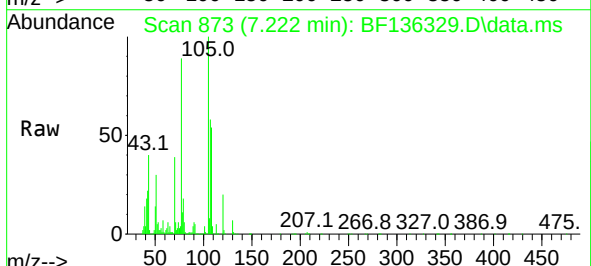
Reviewed By :Yogesh Patel 12/01/2023

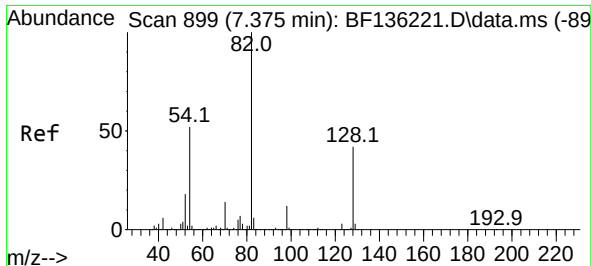
Supervised By :mohammad ahmed 12/05/2023



#22
Acetophenone
Concen: 39.977 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Tgt Ion:105 Resp: 513853
Ion Ratio Lower Upper
105 100
71 6.3 2.8 4.2#
51 30.0 29.0 43.6
120 19.7 13.9 20.9





#23

Nitrobenzene-d5

Concen: 83.190 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 77047

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.2

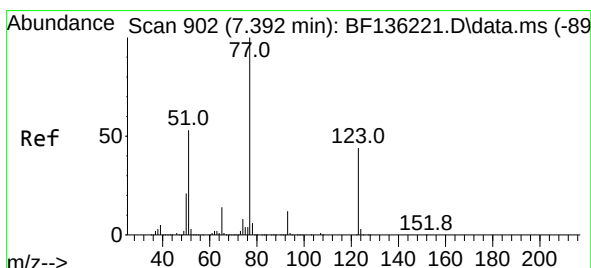
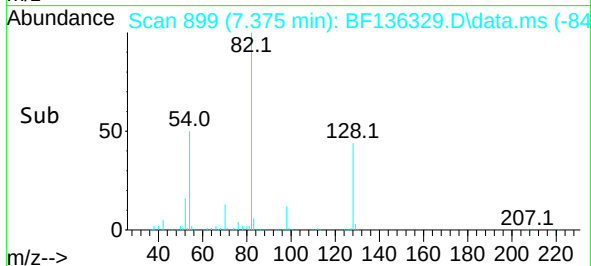
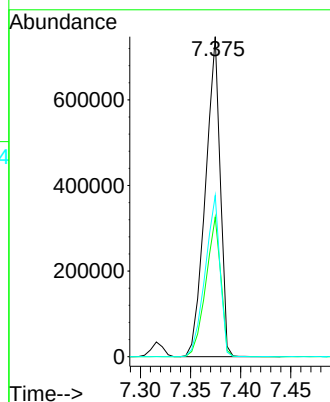
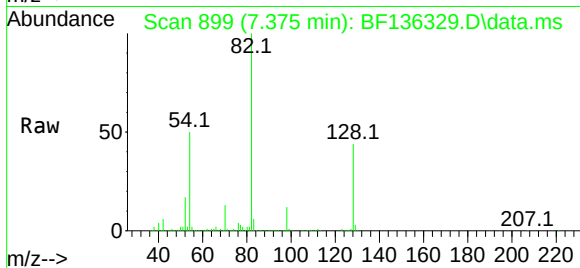
54 50.3 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#24

Nitrobenzene

Concen: 40.868 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

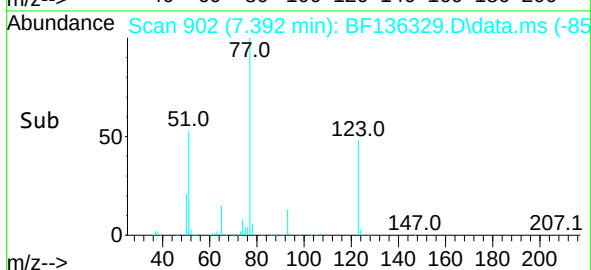
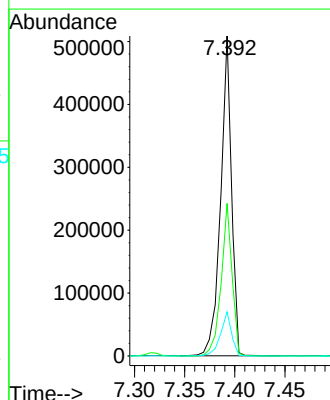
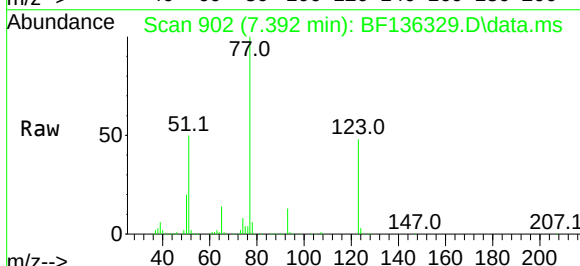
Tgt Ion: 77 Resp: 383568

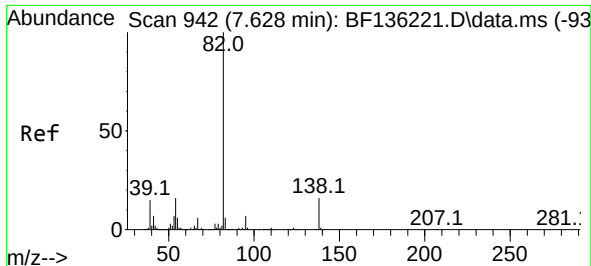
Ion Ratio Lower Upper

77 100

123 47.7 35.4 53.2

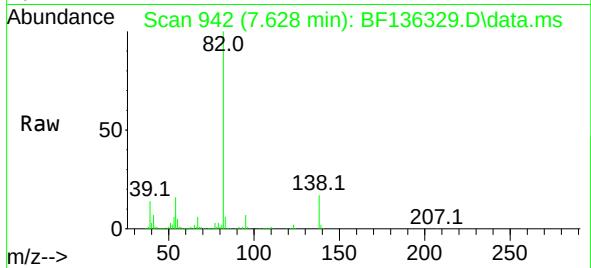
65 13.8 11.0 16.6





#25
Isophorone
Concen: 41.139 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

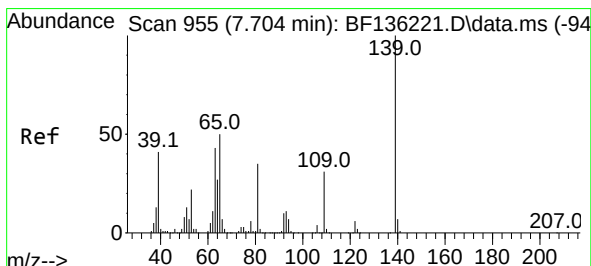
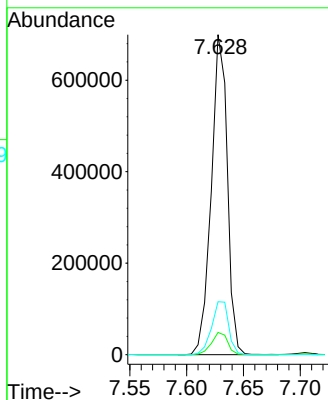
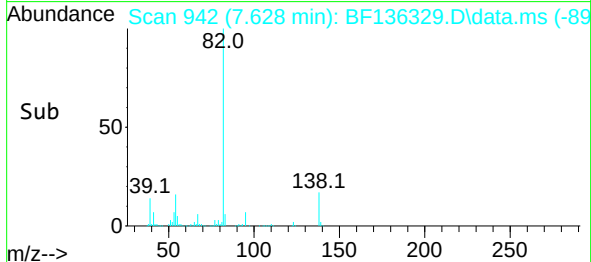
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



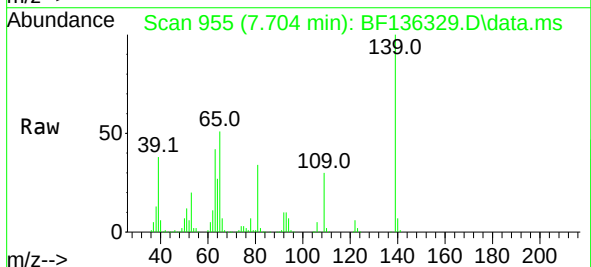
Tgt Ion: 82 Resp: 68703
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.5 12.8 19.2

Manual Integrations
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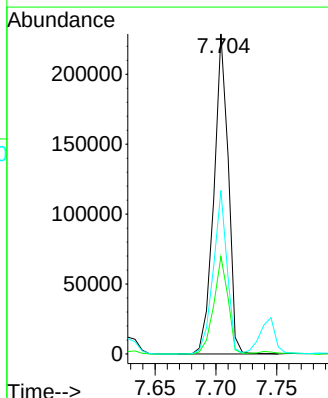
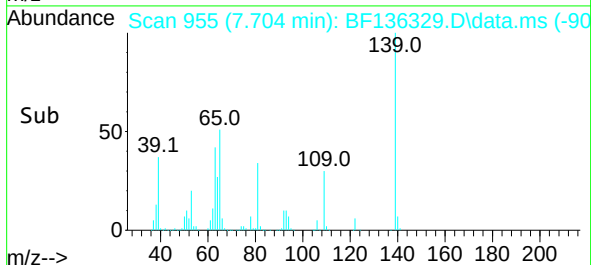
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

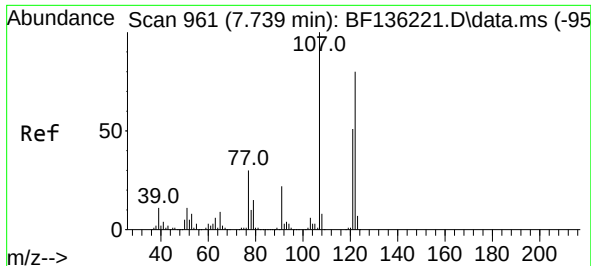


#26
2-Nitrophenol
Concen: 46.820 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:139 Resp: 187230
Ion Ratio Lower Upper
139 100
109 30.5 25.0 37.6
65 51.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 43.810 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136329.D

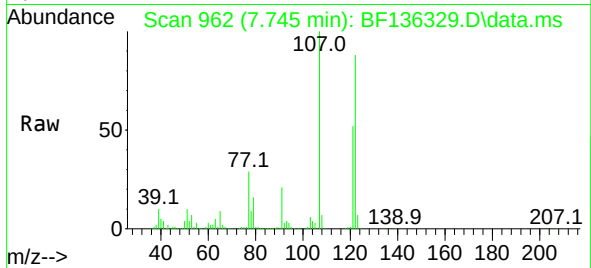
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



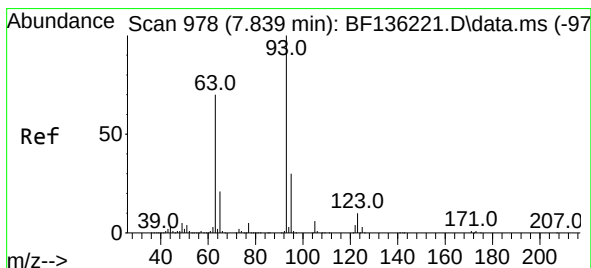
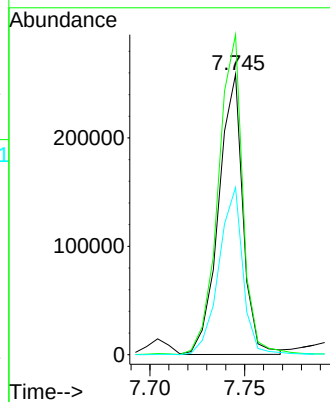
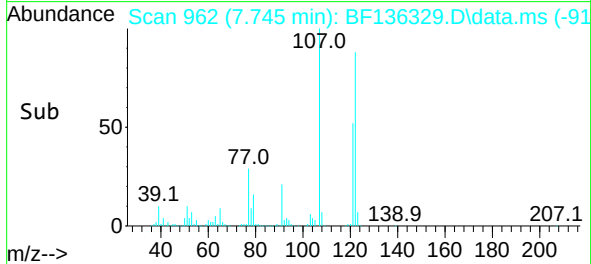
Tgt Ion:	122	Resp:	23059
Ion Ratio	Lower	Upper	
122	100		
107	114.2	100.0	150.0
121	59.7	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.406 ng

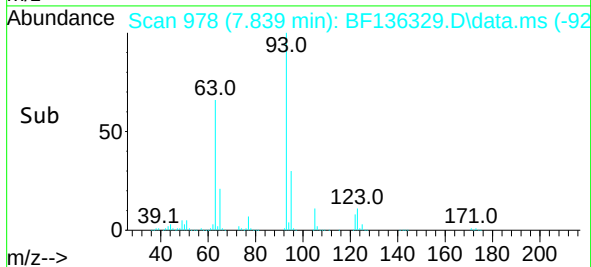
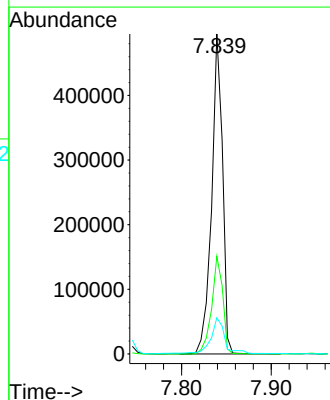
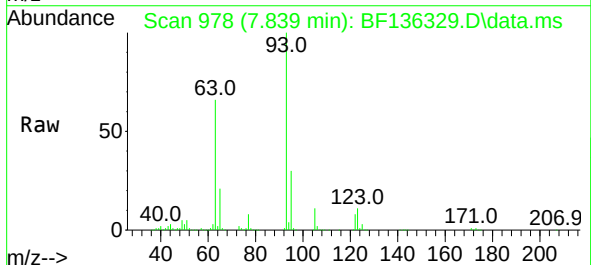
RT: 7.839 min Scan# 978

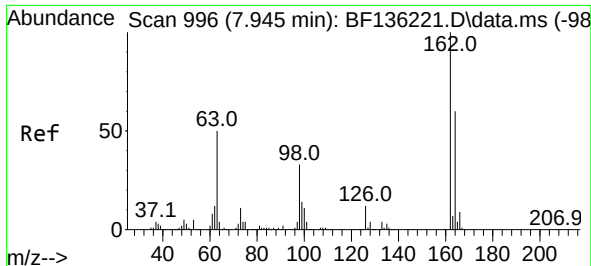
Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Tgt Ion:	93	Resp:	418265
Ion Ratio	Lower	Upper	
93	100		
95	30.5	23.8	35.6
123	11.3	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 43.147 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 30632

Ion Ratio Lower Upper

162 100

164 61.6 40.3 80.3

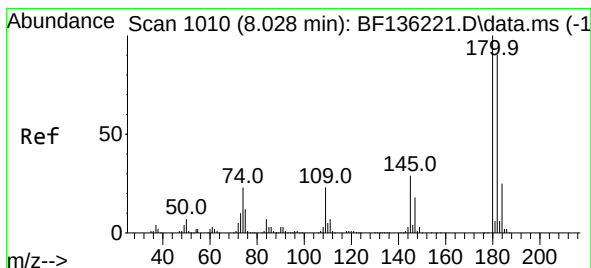
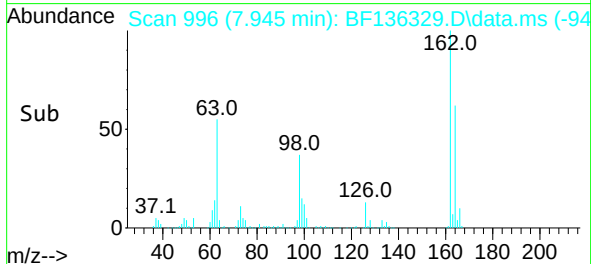
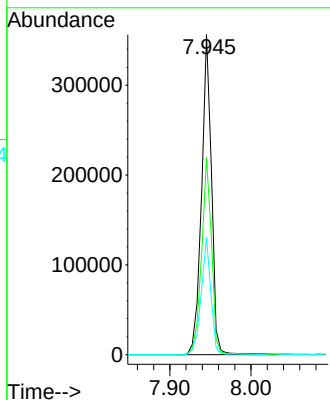
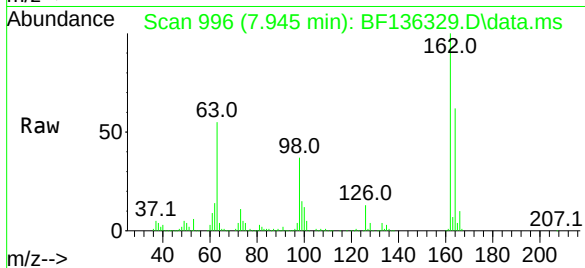
98 36.6 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.908 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

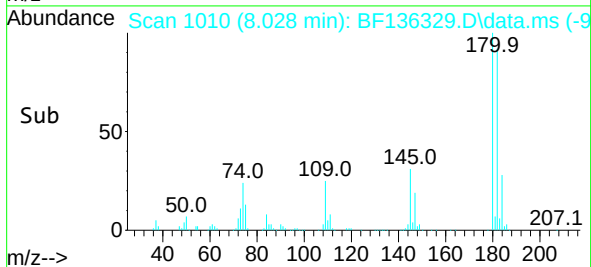
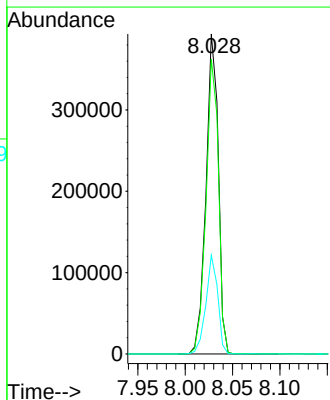
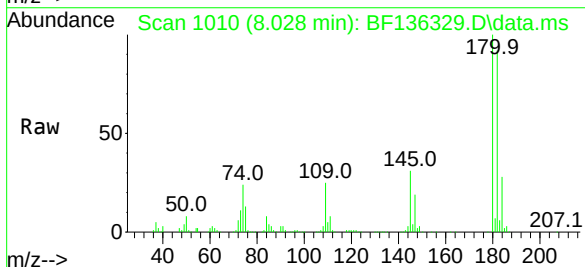
Tgt Ion:180 Resp: 355578

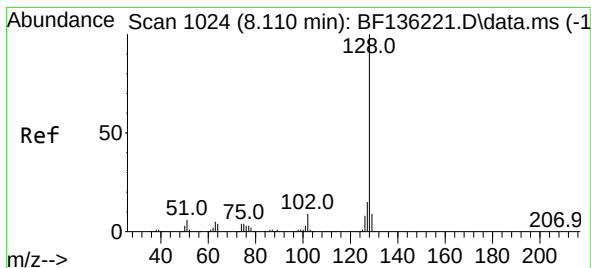
Ion Ratio Lower Upper

180 100

182 92.2 71.6 107.4

145 30.8 23.0 34.4





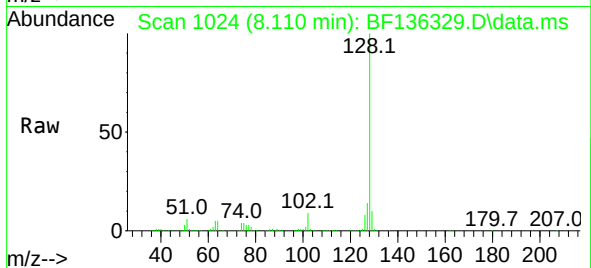
#31
Naphthalene
Concen: 41.524 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



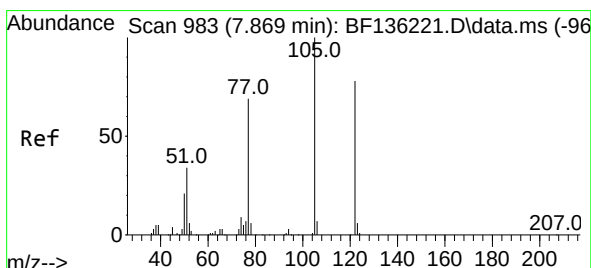
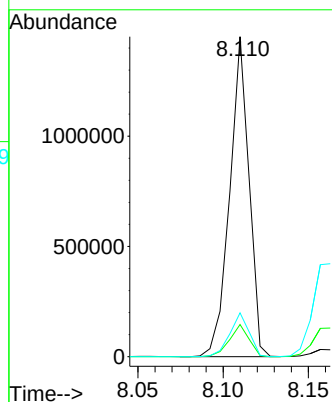
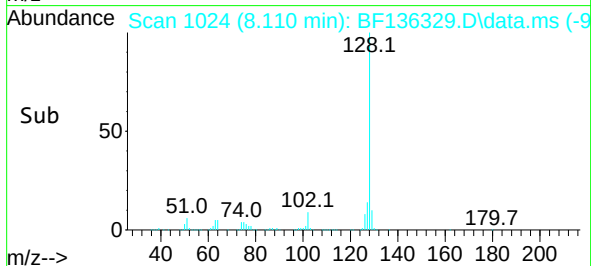
Tgt Ion:128 Resp: 114227
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 13.7 11.8 17.6

Manual Integrations

APPROVED

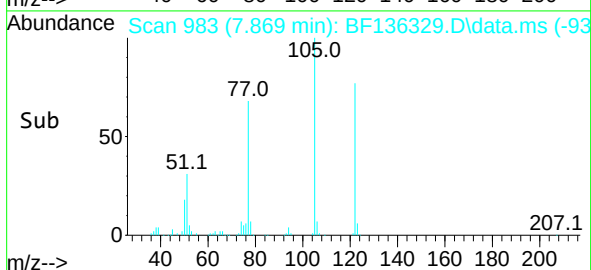
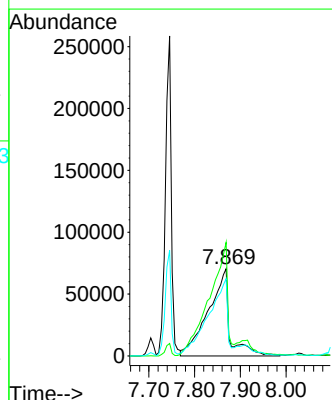
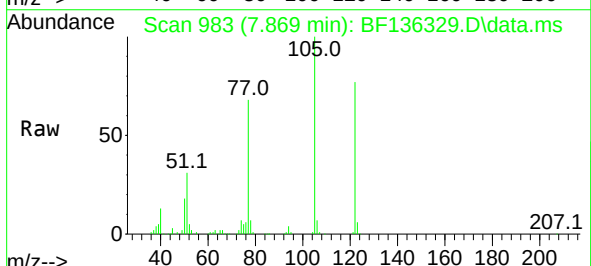
Reviewed By :Yogesh Patel 12/01/2023

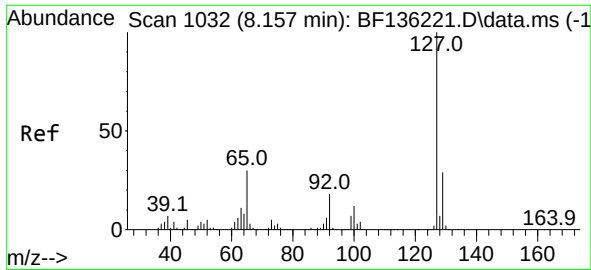
Supervised By :mohammad ahmed 12/05/2023



#32
Benzoic acid
Concen: 47.931 ng m
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Tgt Ion:122 Resp: 229926
Ion Ratio Lower Upper
122 100
105 130.3 103.7 143.7
77 88.6 66.8 106.8





#33
4-Chloroaniline
Concen: 43.440 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

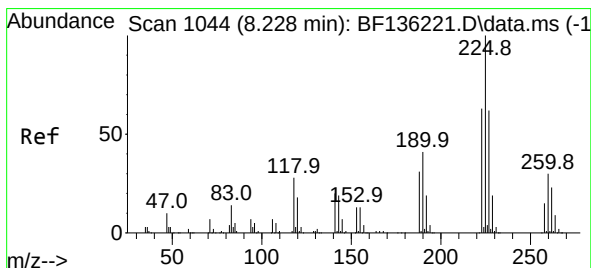
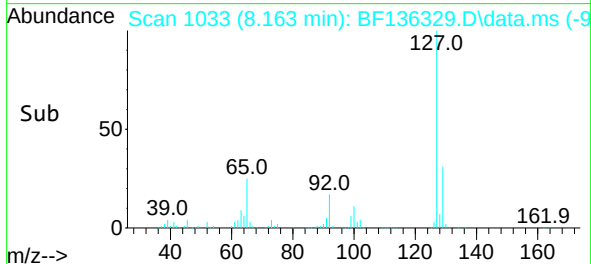
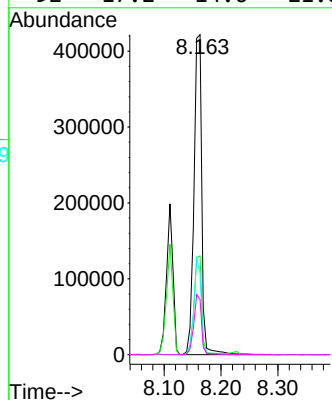
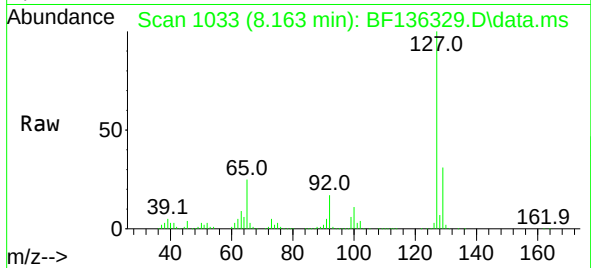
SSTDCCC040

Tgt Ion:127 Resp: 406190
Ion Ratio Lower Upper
127 100
129 30.8 23.4 35.2
65 25.4 23.8 35.6
92 17.2 14.6 21.8

Manual Integrations

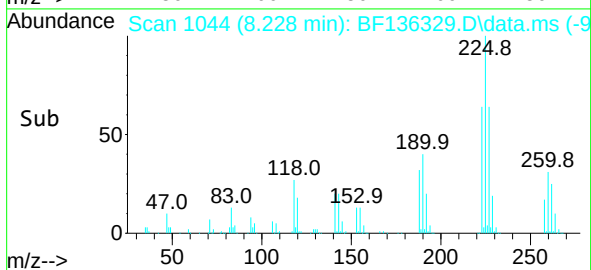
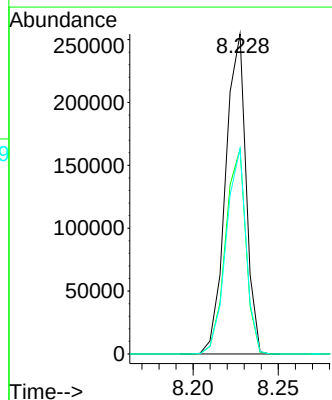
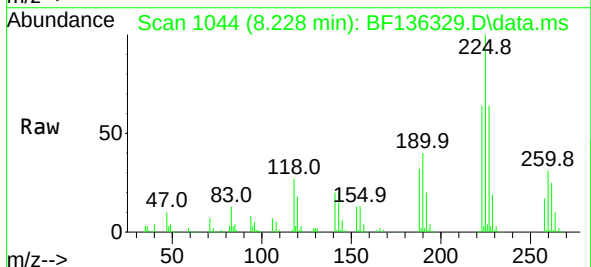
APPROVED

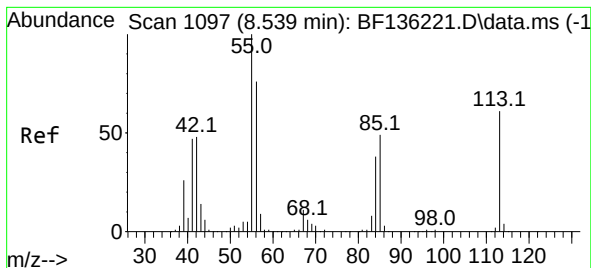
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#34
Hexachlorobutadiene
Concen: 41.750 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Tgt Ion:225 Resp: 212307
Ion Ratio Lower Upper
225 100
223 64.0 50.6 75.8
227 64.2 49.6 74.4





#35

Caprolactam

Concen: 43.007 ng

RT: 8.539 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 85350

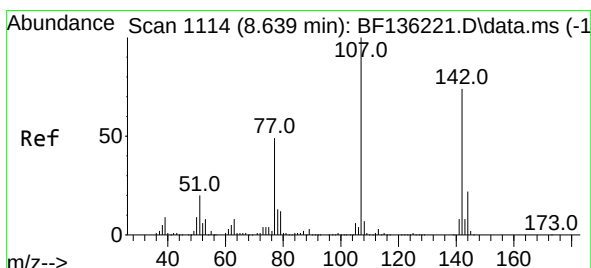
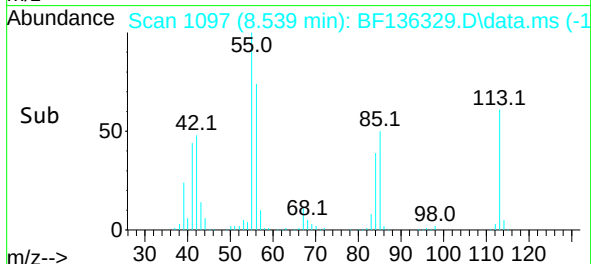
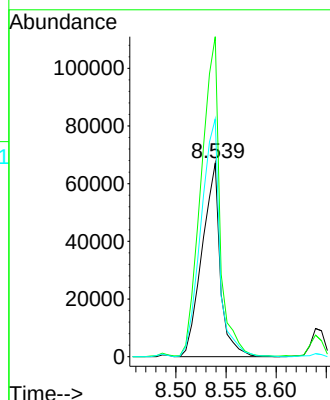
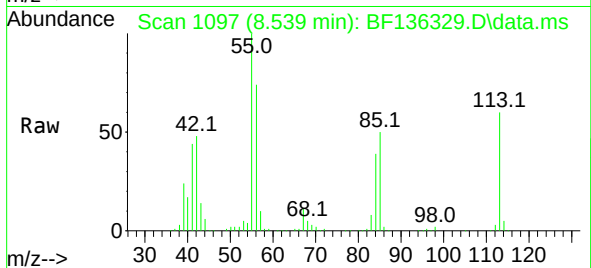
Ion	Ratio	Lower	Upper
113	100		
55	165.4	143.1	183.1
56	122.9	103.6	143.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#36

4-Chloro-3-methylphenol

Concen: 41.600 ng

RT: 8.639 min Scan# 1114

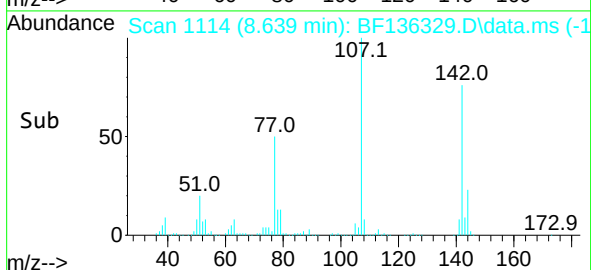
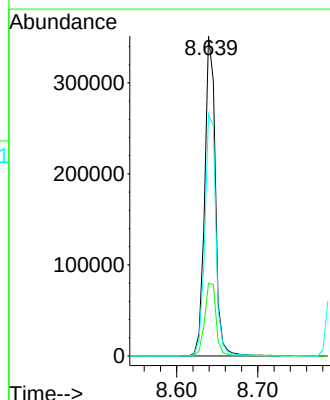
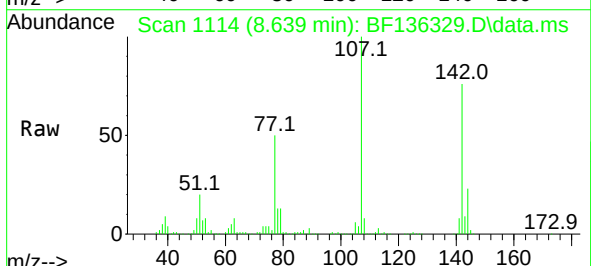
Delta R.T. -0.000 min

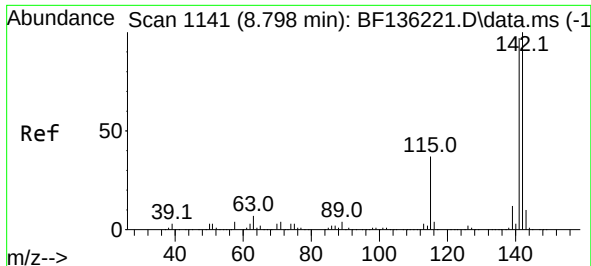
Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Tgt Ion:107 Resp: 320316

Ion	Ratio	Lower	Upper
107	100		
144	22.7	17.8	26.8
142	75.6	59.4	89.0





#37

2-Methylnaphthalene

Concen: 41.725 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 720000

Ion Ratio Lower Upper

142 100

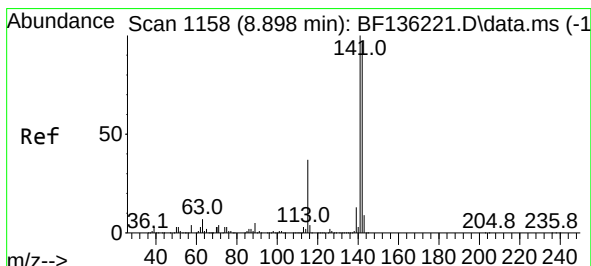
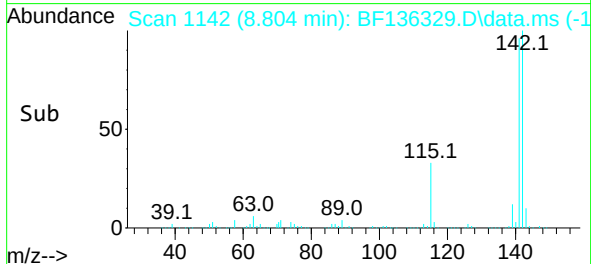
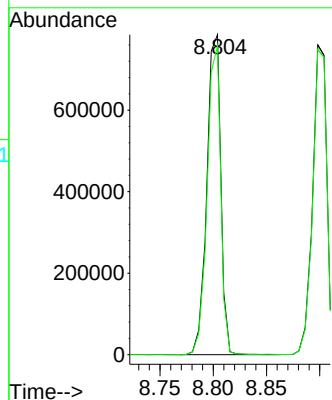
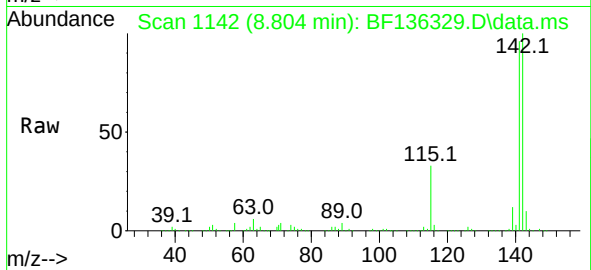
141 96.5 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#38

1-Methylnaphthalene

Concen: 41.530 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136329.D

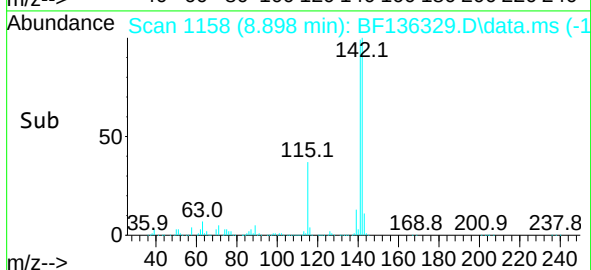
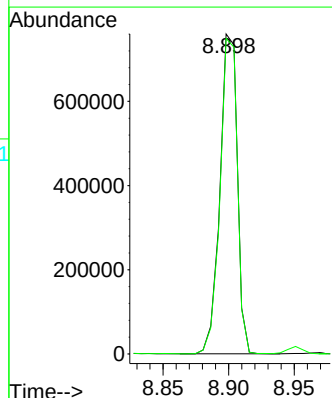
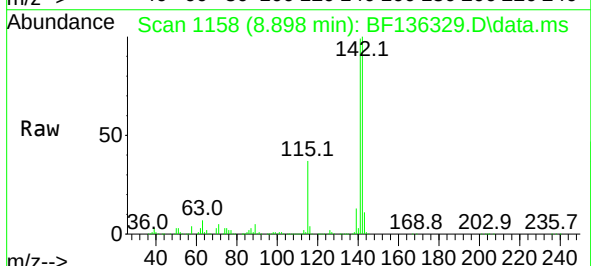
Acq: 01 Dec 2023 10:32

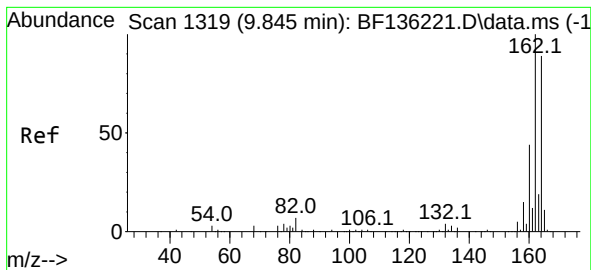
Tgt Ion:142 Resp: 699101

Ion Ratio Lower Upper

142 100

141 98.6 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF136329.D

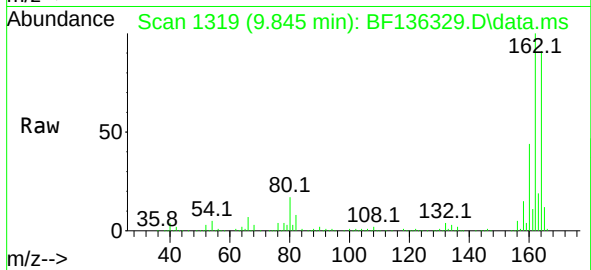
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 248049

Ion Ratio Lower Upper

164 100

162 109.3 89.5 134.3

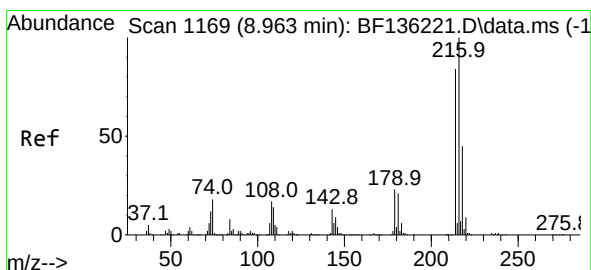
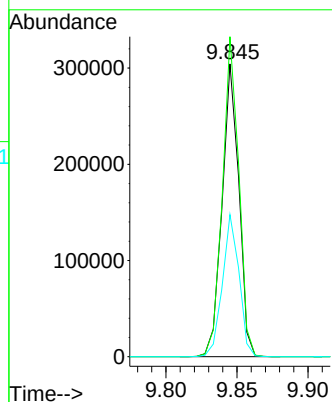
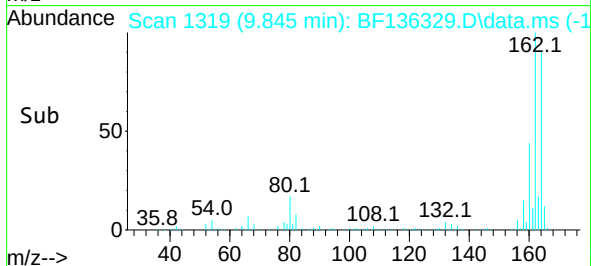
160 48.6 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.288 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Tgt Ion:216 Resp: 333829

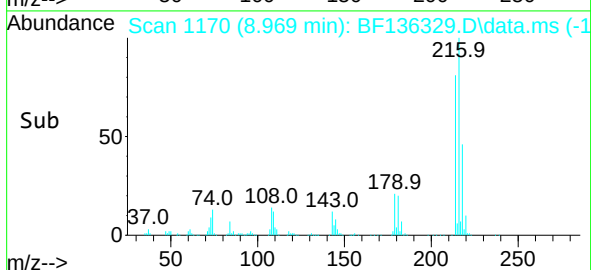
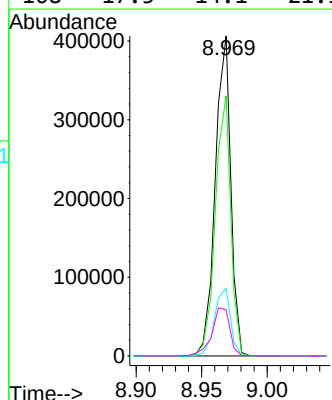
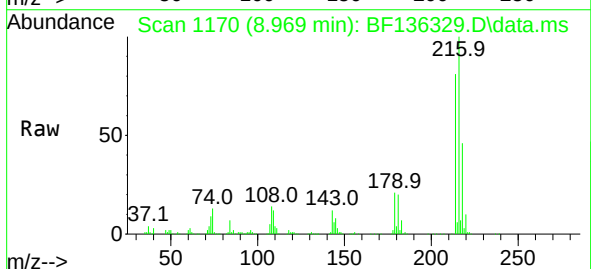
Ion Ratio Lower Upper

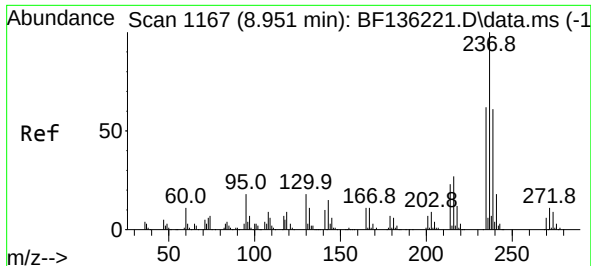
216 100

214 81.0 65.8 98.8

179 21.7 17.4 26.0

108 17.5 14.1 21.1





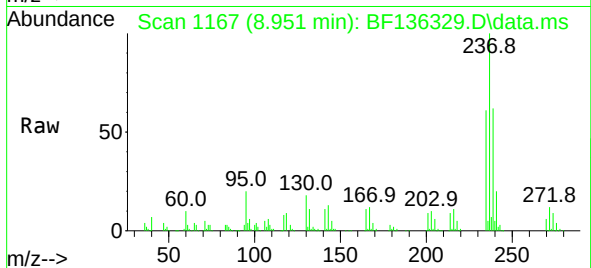
#41
Hexachlorocyclopentadiene
Concen: 39.298 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

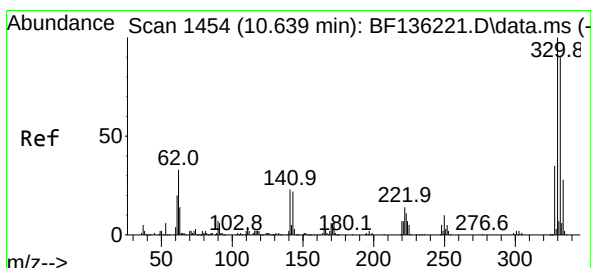
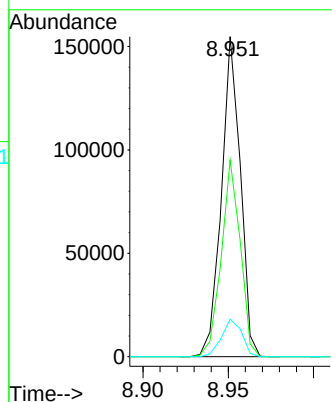
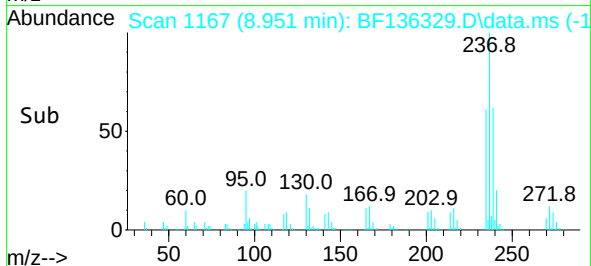


Tgt Ion:237 Resp: 11937
Ion Ratio Lower Upper
237 100
235 61.5 42.1 82.1
272 11.7 0.0 31.0

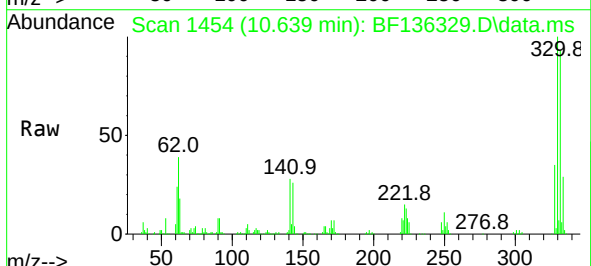
Manual Integrations

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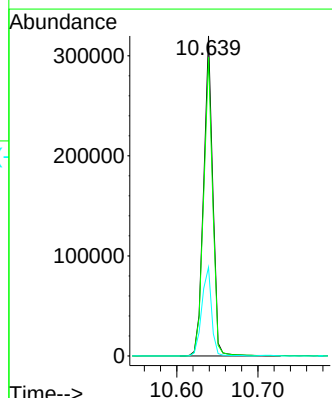
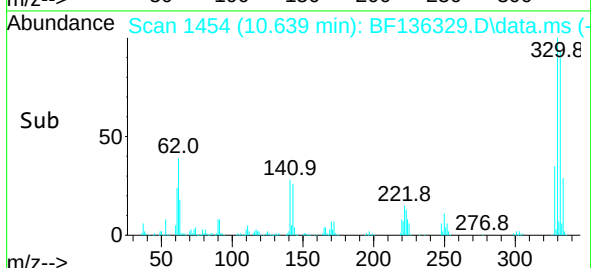
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

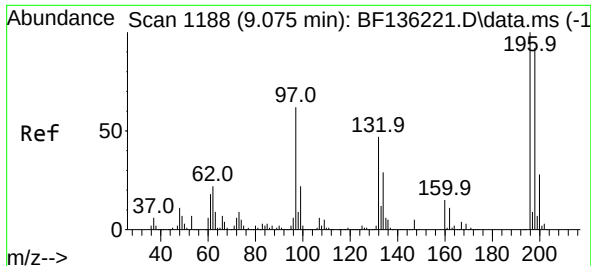


#42
2,4,6-Tribromophenol
Concen: 82.802 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:330 Resp: 251105
Ion Ratio Lower Upper
330 100
332 93.0 73.0 109.6
141 29.6 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 42.669 ng

RT: 9.080 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136329.D

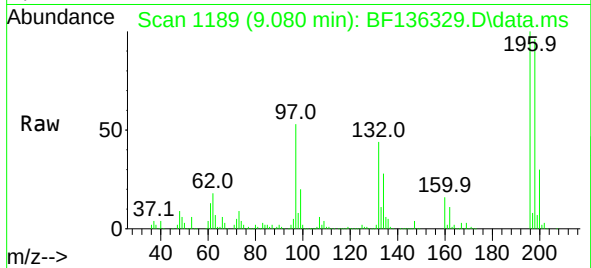
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 21863

Ion Ratio Lower Upper

196 100

198 95.6 73.2 109.8

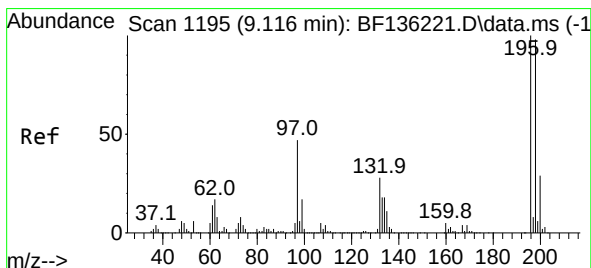
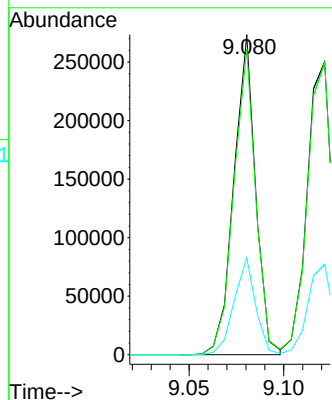
200 30.3 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#44

2,4,5-Trichlorophenol

Concen: 42.206 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Tgt Ion:196 Resp: 235999

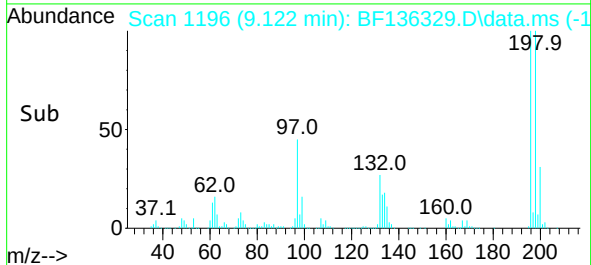
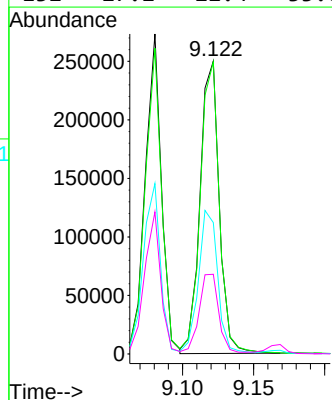
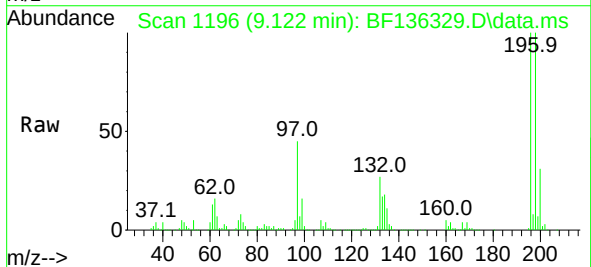
Ion Ratio Lower Upper

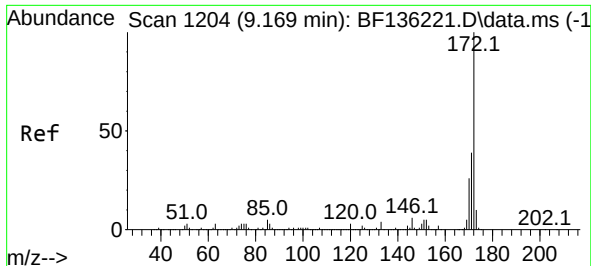
196 100

198 99.8 78.8 118.2

97 44.9 37.8 56.8

132 27.2 22.4 33.6





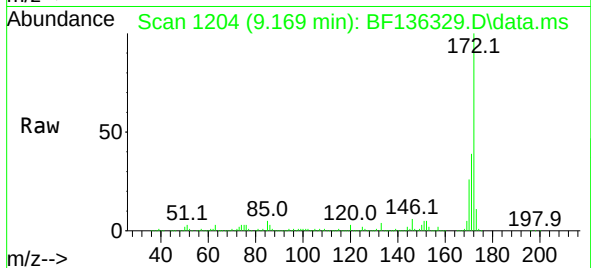
#45
2-Fluorobiphenyl
Concen: 81.175 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

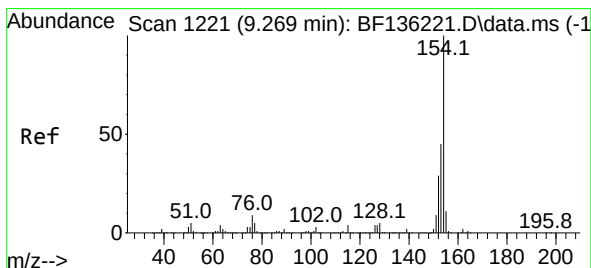
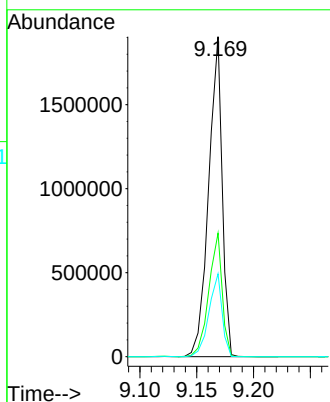
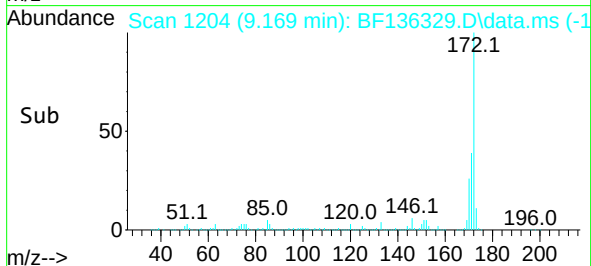


Tgt Ion:172 Resp: 1576394
Ion Ratio Lower Upper
172 100
171 38.6 31.5 47.3
170 25.9 20.8 31.2

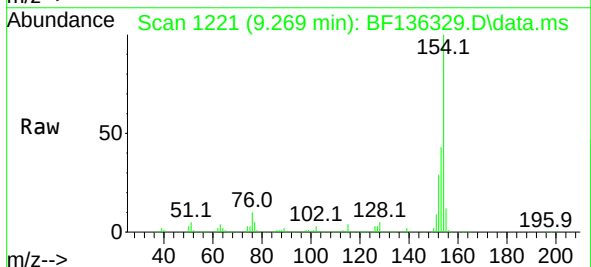
Manual Integrations

APPROVED

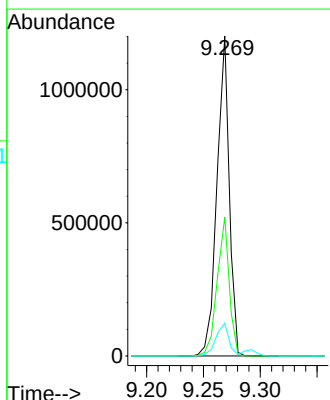
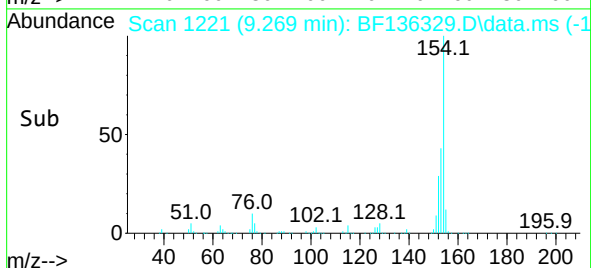
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

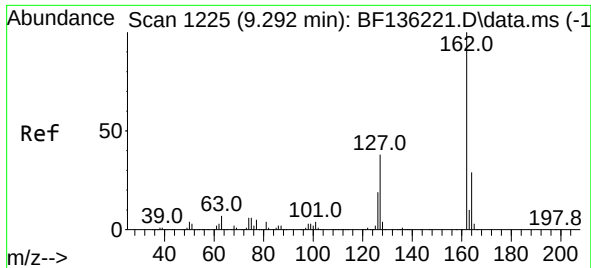


#46
1,1'-Biphenyl
Concen: 41.443 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:154 Resp: 906536
Ion Ratio Lower Upper
154 100
153 43.4 24.6 64.6
76 10.2 0.0 29.4





#47

2-Chloronaphthalene

Concen: 41.919 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136329.D

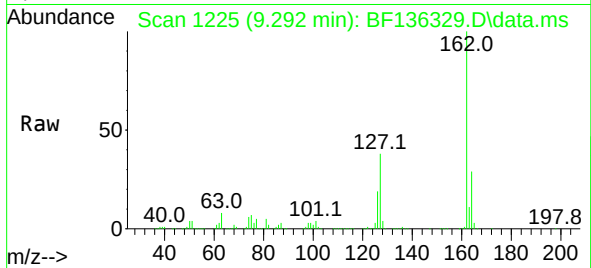
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 712070

Ion Ratio Lower Upper

162 100

127 38.5 30.2 45.2

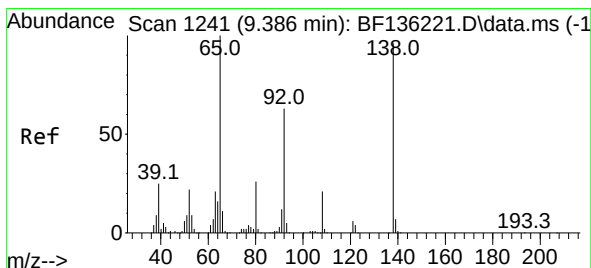
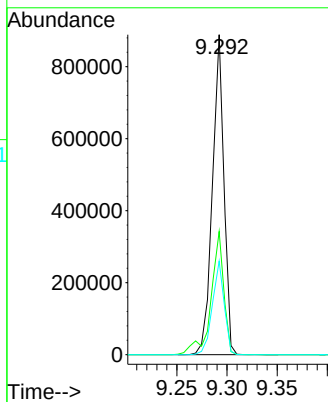
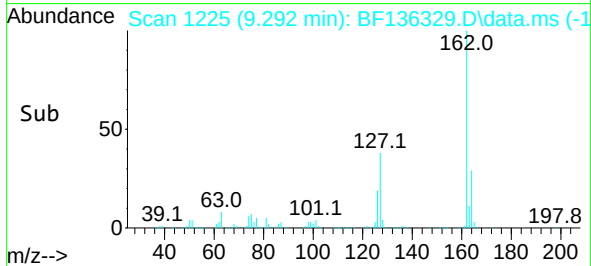
164 29.2 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#48

2-Nitroaniline

Concen: 41.994 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

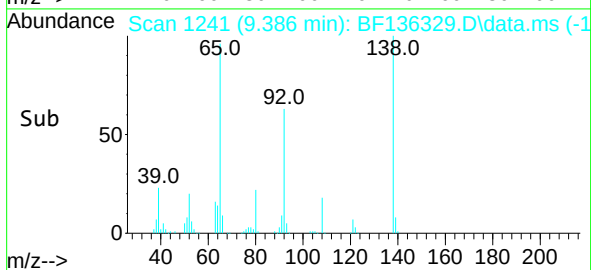
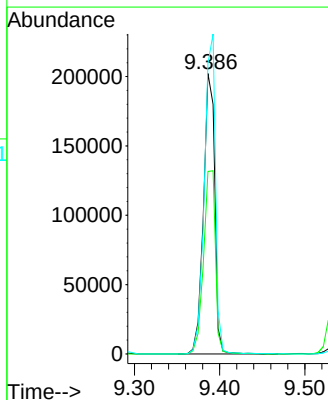
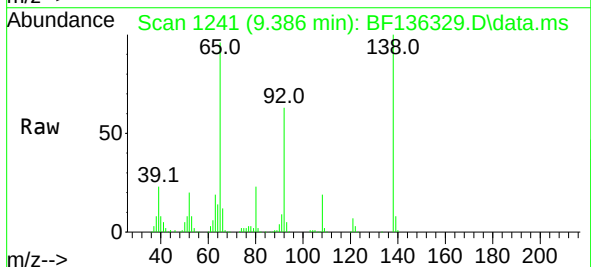
Tgt Ion: 65 Resp: 186245

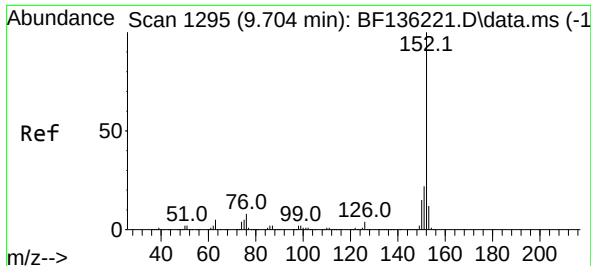
Ion Ratio Lower Upper

65 100

92 65.1 50.6 75.8

138 103.7 76.7 115.1





#49

Acenaphthylene

Concen: 41.540 ng

RT: 9.710 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1006990

Ion Ratio Lower Upper

152 100

151 21.4 17.5 26.3

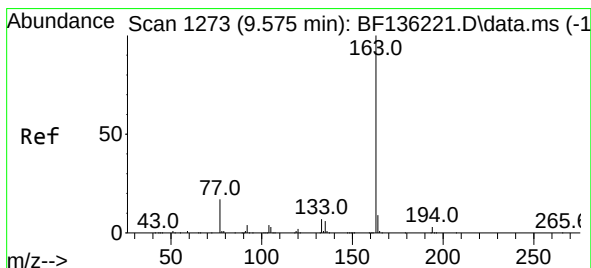
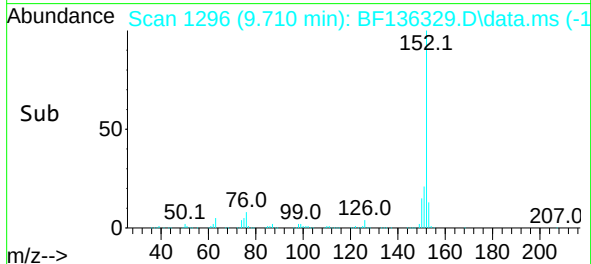
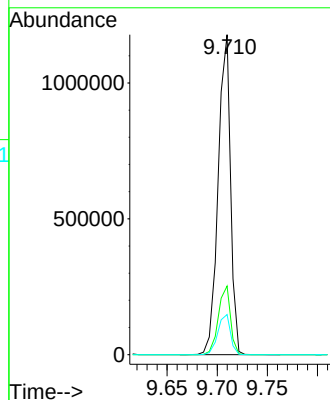
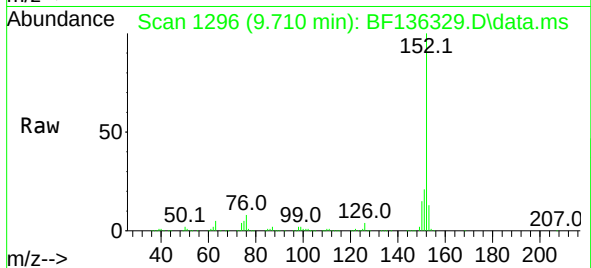
153 12.5 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#50

Dimethylphthalate

Concen: 40.805 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

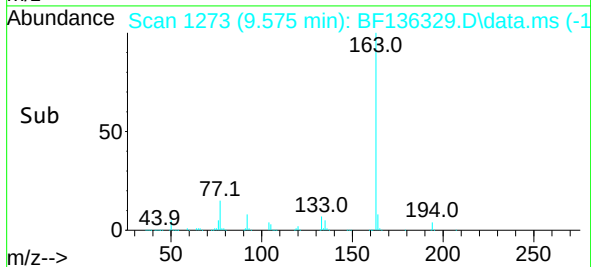
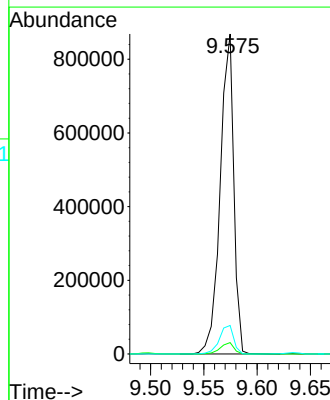
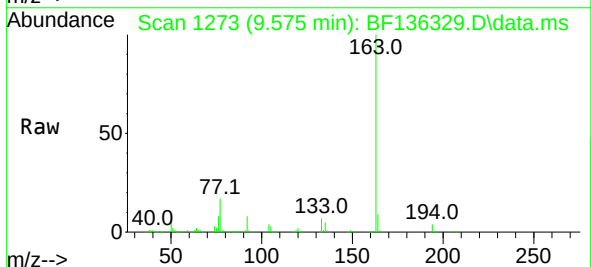
Tgt Ion:163 Resp: 765005

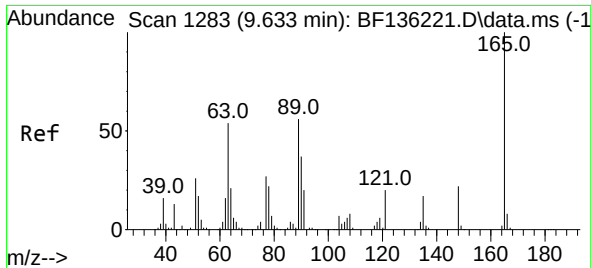
Ion Ratio Lower Upper

163 100

194 3.5 2.5 3.7

164 8.9 7.0 10.6





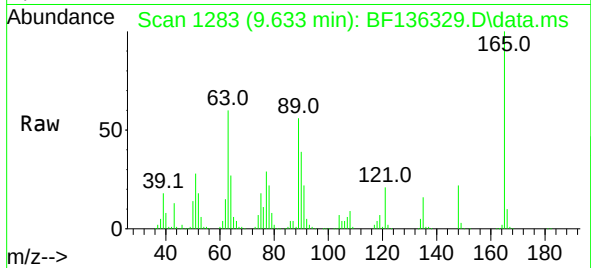
#51
2,6-Dinitrotoluene
Concen: 44.161 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



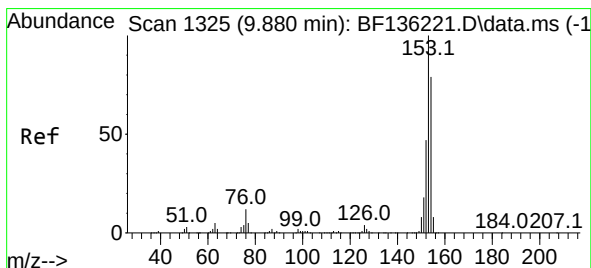
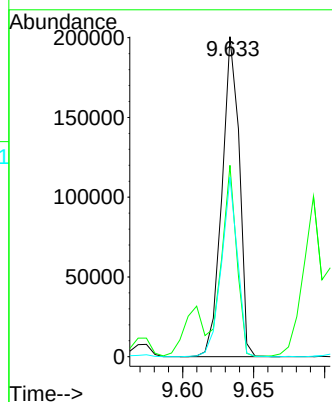
Tgt Ion:165 Resp: 16914
Ion Ratio Lower Upper
165 100
63 59.8 46.2 69.2
89 56.1 44.9 67.3

Manual Integrations

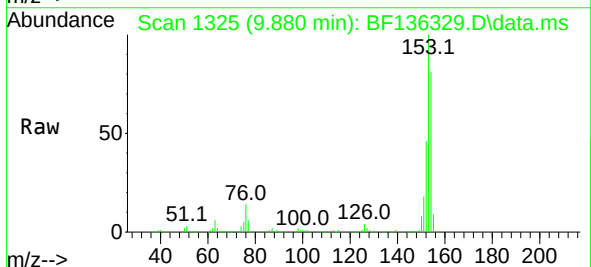
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

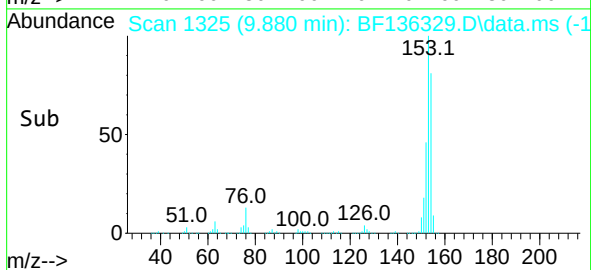
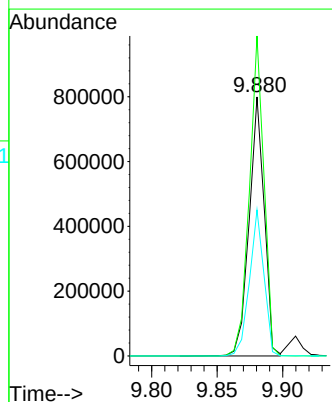
Supervised By :mohammad ahmed 12/05/2023

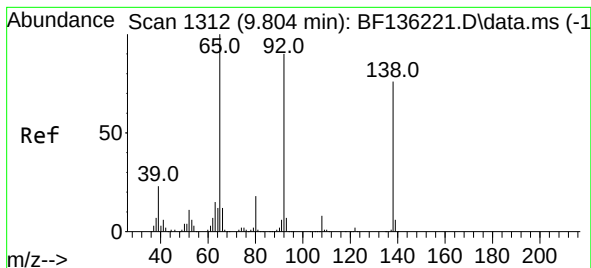


#52
Acenaphthene
Concen: 41.574 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:154 Resp: 636898
Ion Ratio Lower Upper
154 100
153 123.5 100.8 151.2
152 56.4 47.0 70.6





#53

3-Nitroaniline

Concen: 42.970 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 16330

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

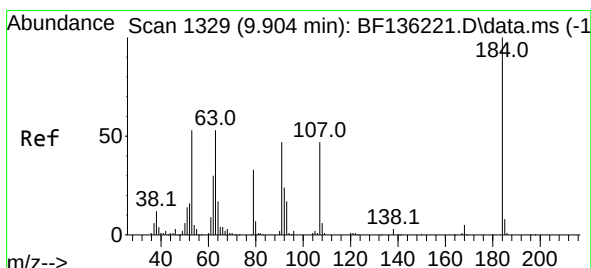
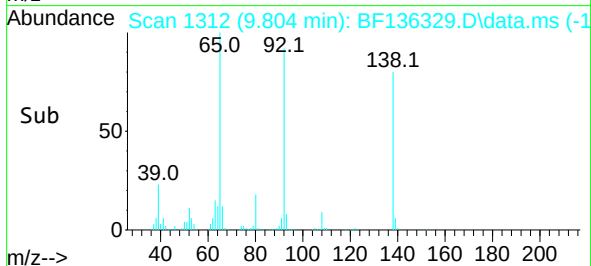
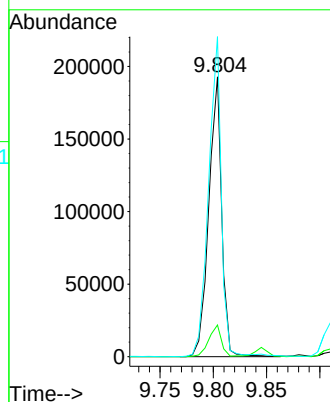
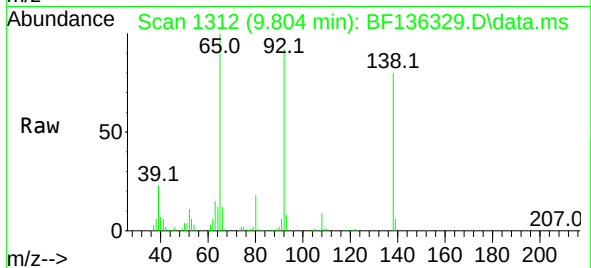
92 114.3 94.2 141.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#54

2,4-Dinitrophenol

Concen: 41.431 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

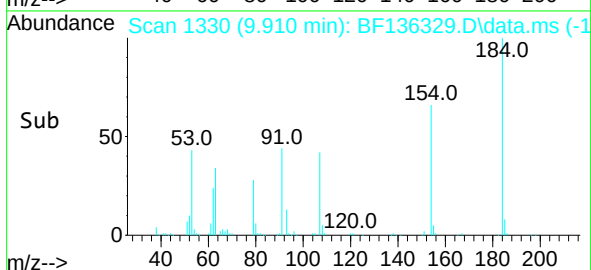
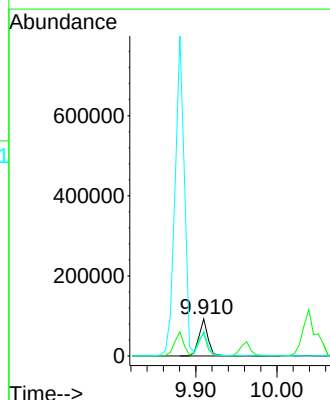
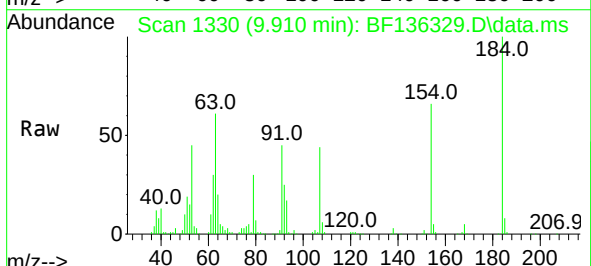
Tgt Ion:184 Resp: 73801

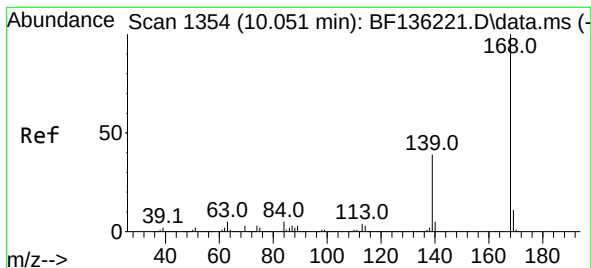
Ion Ratio Lower Upper

184 100

63 61.2 55.0 82.4

154 66.2 54.9 82.3





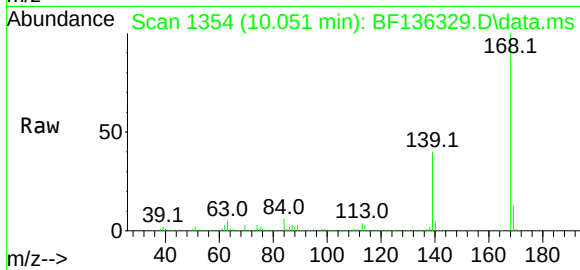
#55
Dibenzofuran
Concen: 40.791 ng
RT: 10.051 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

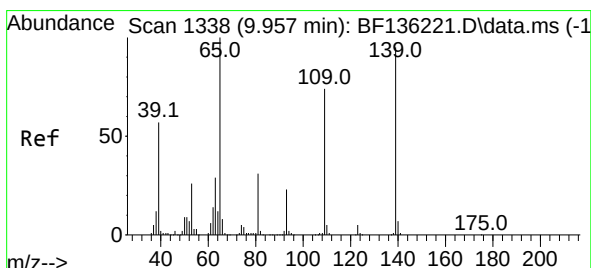
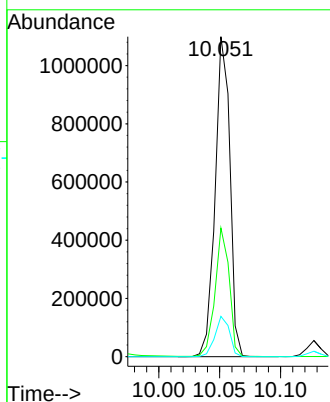
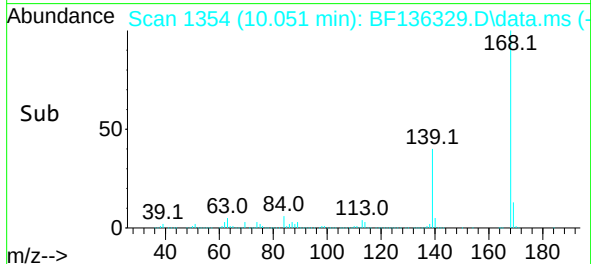


Tgt Ion:168 Resp: 929864
Ion Ratio Lower Upper
168 100
139 40.2 30.9 46.3
169 12.6 9.1 13.7

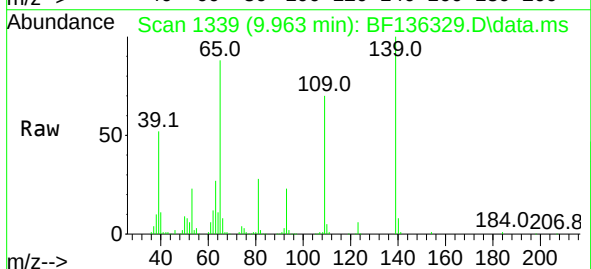
Manual Integrations

APPROVED

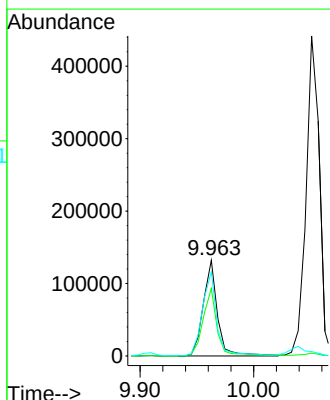
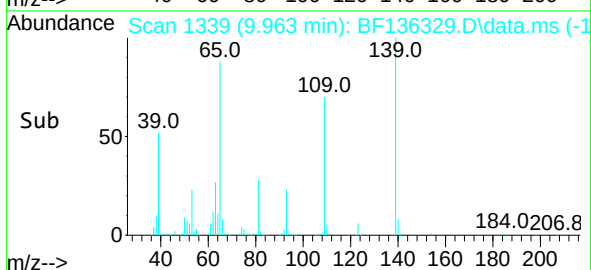
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

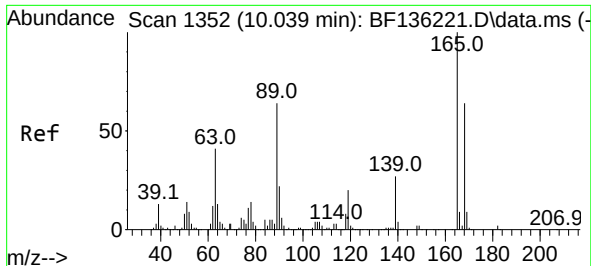


#56
4-Nitrophenol
Concen: 39.770 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:139 Resp: 114791
Ion Ratio Lower Upper
139 100
109 70.4 57.8 97.8
65 87.8 86.0 126.0





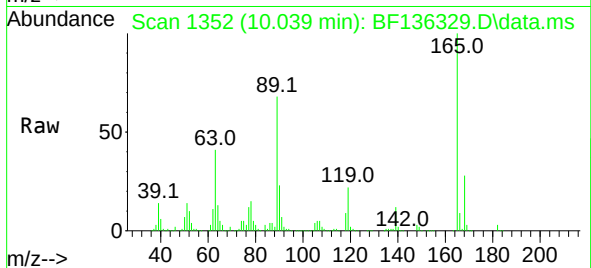
#57
2,4-Dinitrotoluene
Concen: 42.465 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

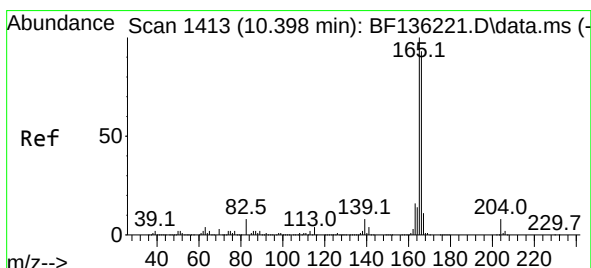
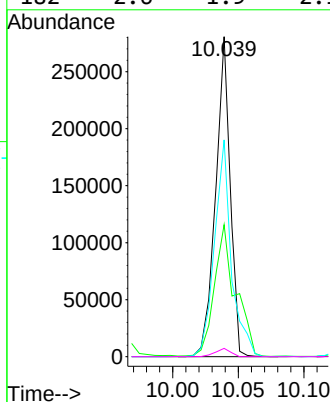
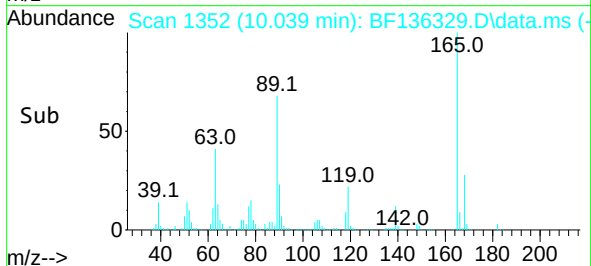


Tgt Ion:165 Resp: 217258
Ion Ratio Lower Upper
165 100
63 41.3 33.0 49.4
89 67.7 51.5 77.3
182 2.6 1.9 2.9

Manual Integrations

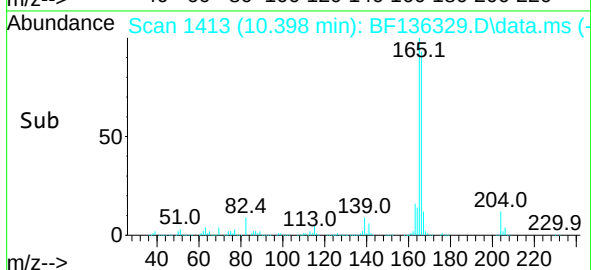
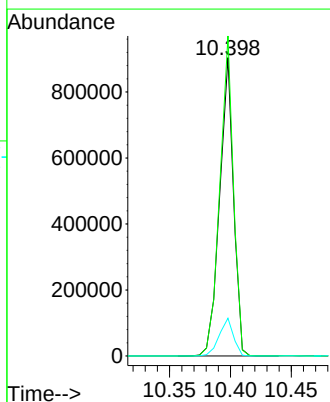
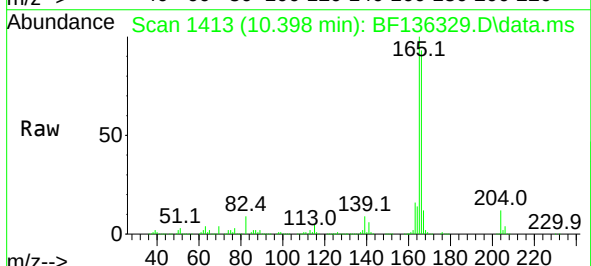
APPROVED

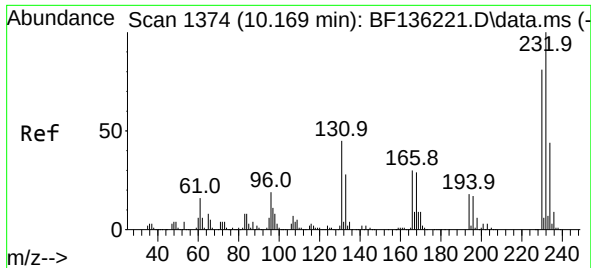
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#58
Fluorene
Concen: 40.335 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Tgt Ion:166 Resp: 721226
Ion Ratio Lower Upper
166 100
165 107.3 86.2 129.4
167 12.6 9.1 13.7





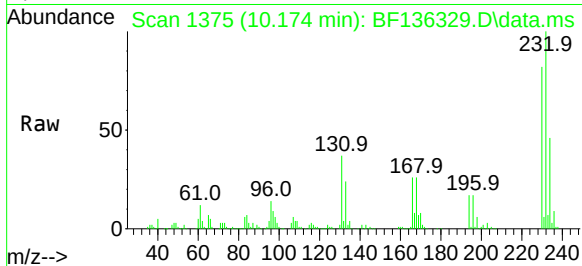
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.053 ng
RT: 10.174 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

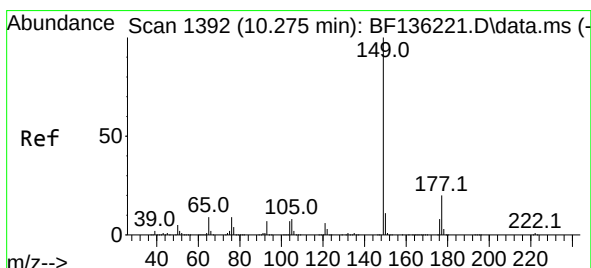
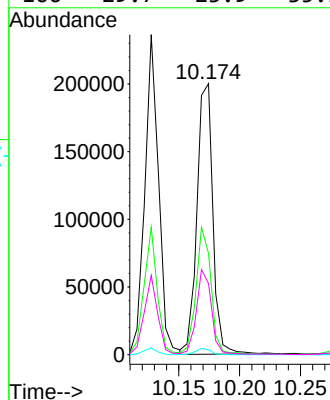
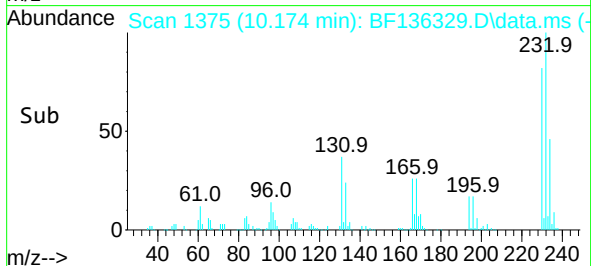


Tgt Ion:232 Resp: 182640
Ion Ratio Lower Upper
232 100
131 44.5 36.4 54.6
130 2.2 1.9 2.9
166 29.7 23.9 35.9

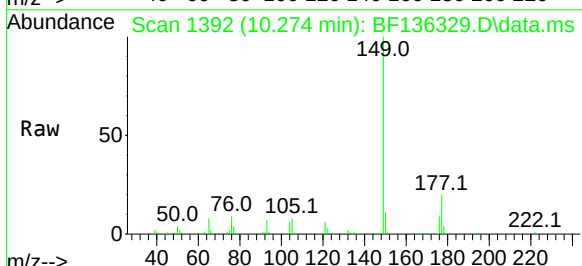
Manual Integrations

APPROVED

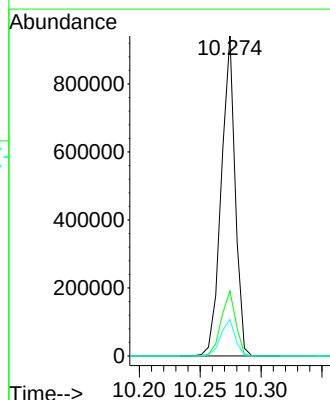
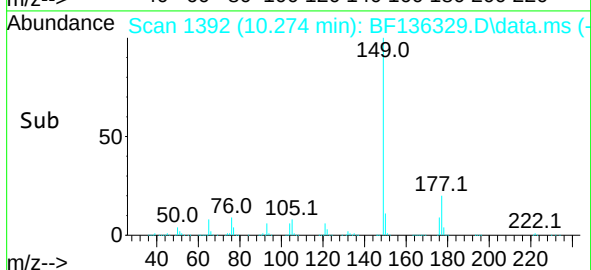
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

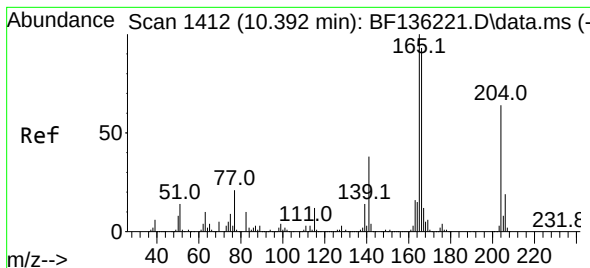


#60
Diethylphthalate
Concen: 39.976 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



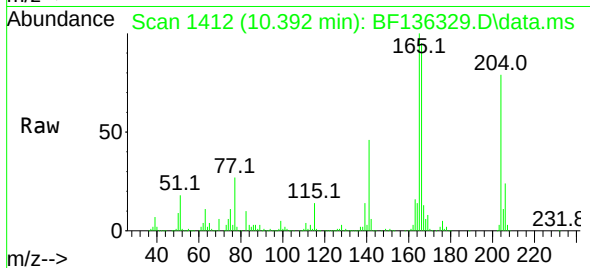
Tgt Ion:149 Resp: 749701
Ion Ratio Lower Upper
149 100
177 20.3 15.8 23.6
150 11.4 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 40.130 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

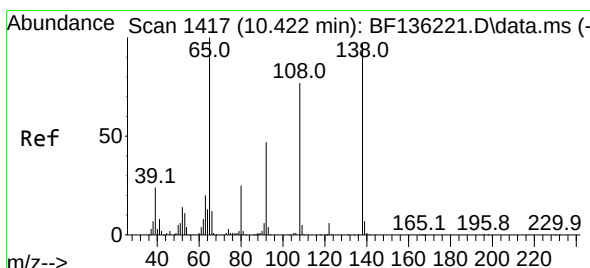
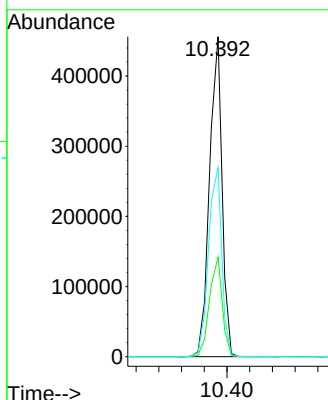
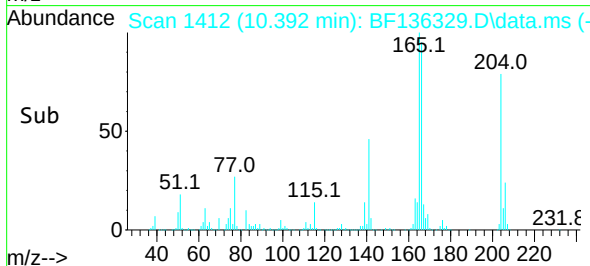
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



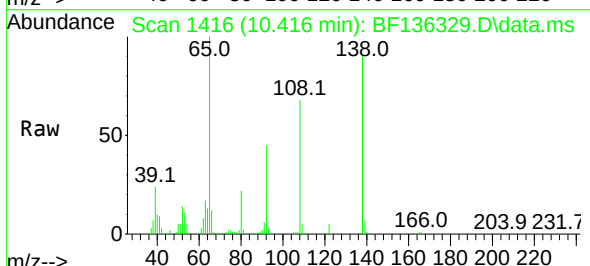
Tgt Ion:204 Resp: 34847
Ion Ratio Lower Upper
204 100
206 31.1 23.4 35.0
141 59.0 47.6 71.4

Manual Integrations
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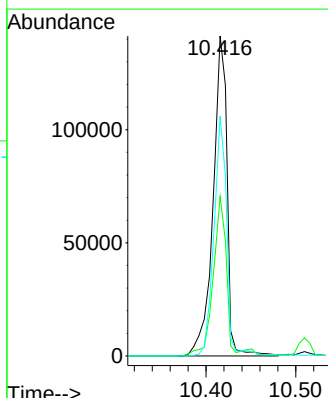
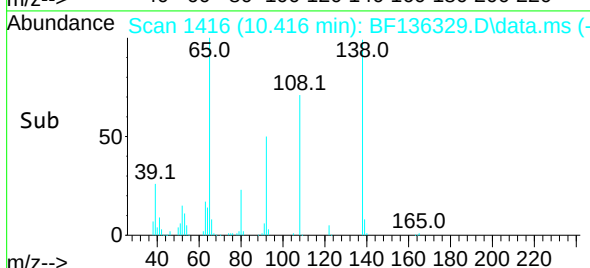
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

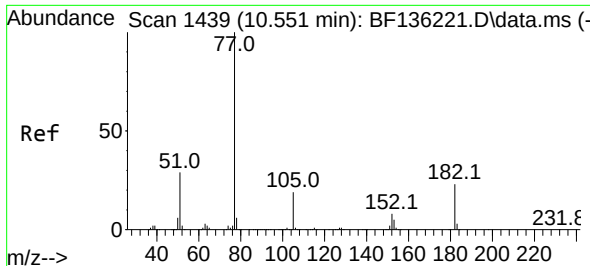


#62
4-Nitroaniline
Concen: 41.235 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



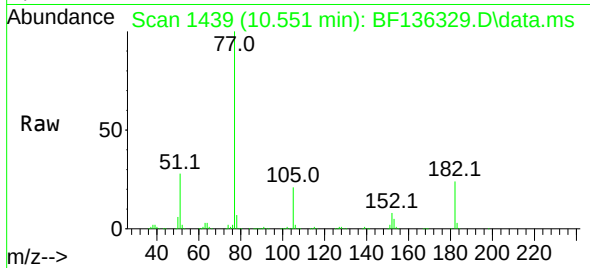
Tgt Ion:138 Resp: 153392
Ion Ratio Lower Upper
138 100
92 49.9 28.5 68.5
108 75.0 59.8 99.8





#63
Azobenzene
Concen: 39.160 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

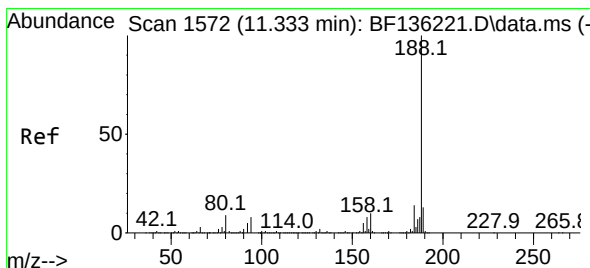
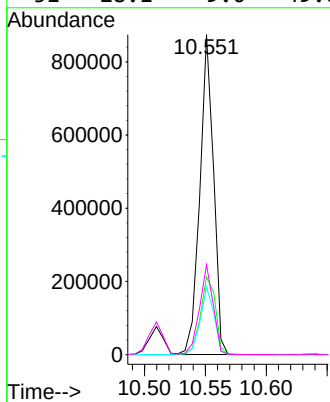
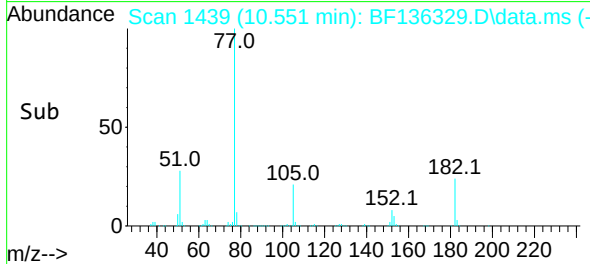
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



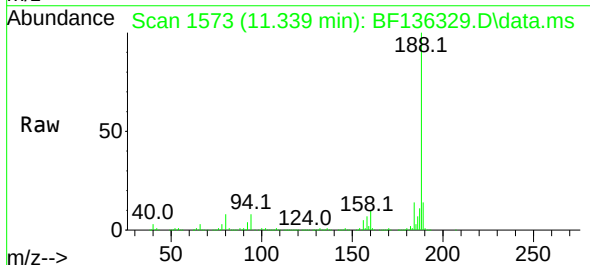
Tgt Ion: 77 Resp: 68085
Ion Ratio Lower Upper
77 100
182 24.4 3.3 43.3
105 21.2 0.0 39.5
51 28.1 9.0 49.0

Manual Integrations
APPROVED

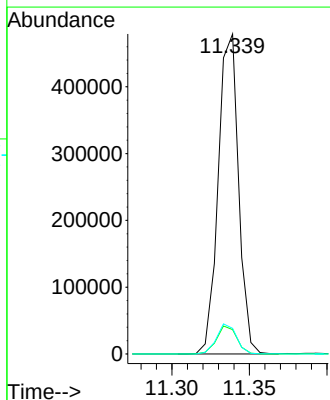
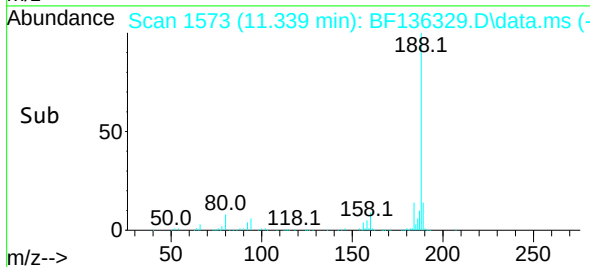
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

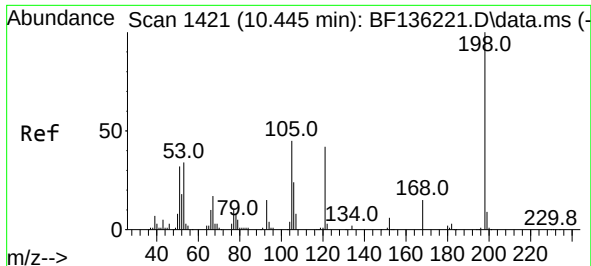


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



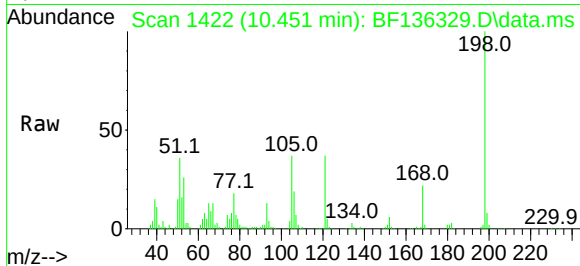
Tgt Ion:188 Resp: 437202
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.0 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 45.114 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

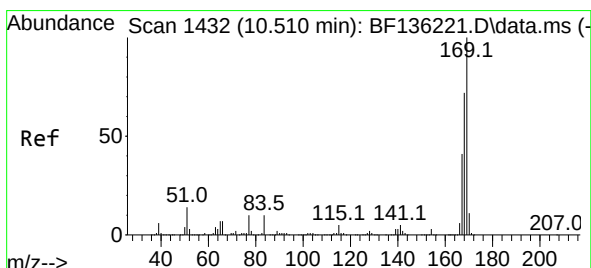
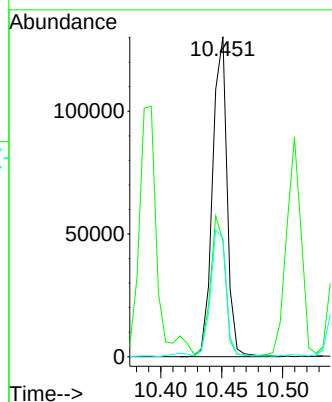
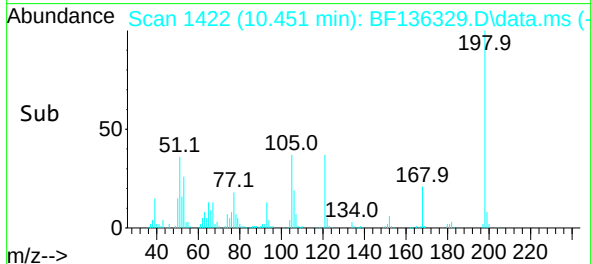
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



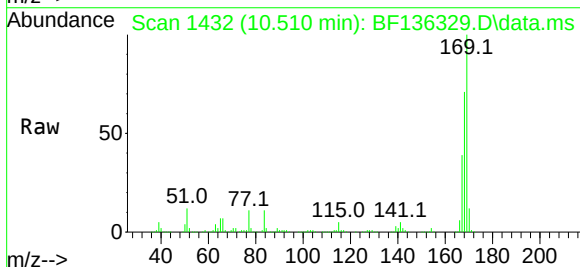
Tgt Ion:198 Resp: 10786
Ion Ratio Lower Upper
198 100
51 36.3 28.2 68.2
105 37.1 25.7 65.7

Manual Integrations
APPROVED

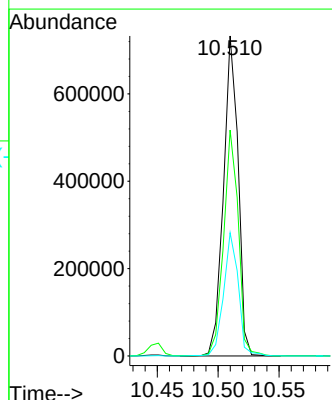
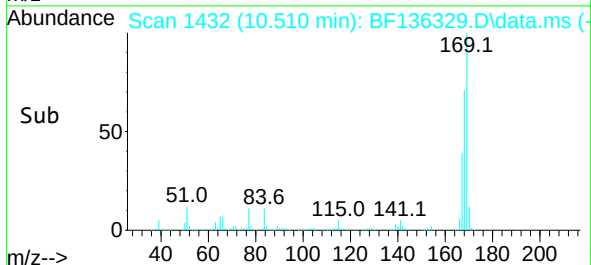
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

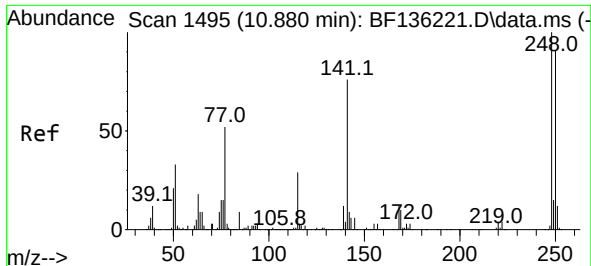


#66
n-Nitrosodiphenylamine
Concen: 43.927 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



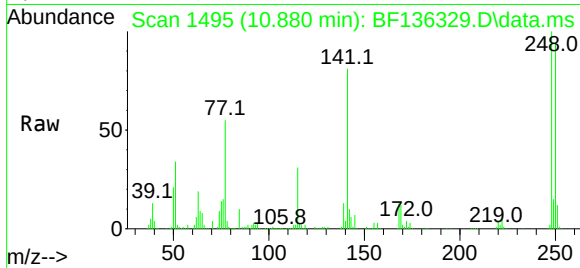
Tgt Ion:169 Resp: 615453
Ion Ratio Lower Upper
169 100
168 70.6 57.8 86.6
167 38.5 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 42.989 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

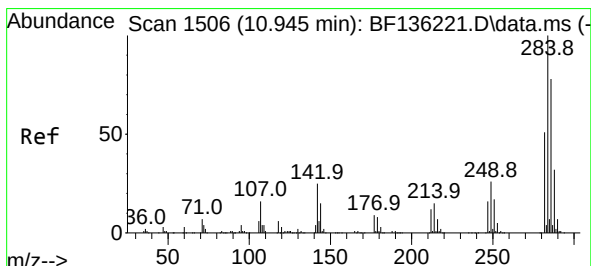
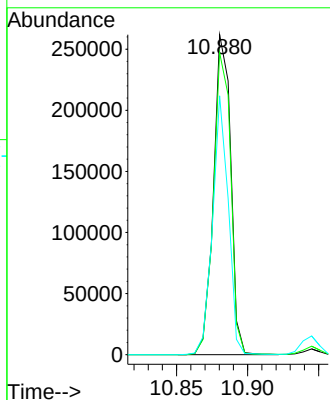
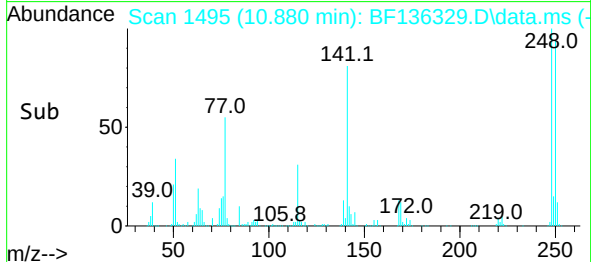
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



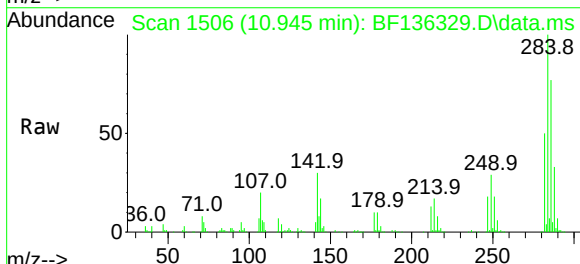
Tgt Ion:248 Resp: 219272
Ion Ratio Lower Upper
248 100
250 94.3 72.5 108.7
141 80.9 60.8 91.2

Manual Integrations
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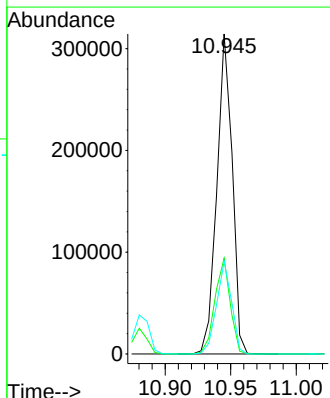
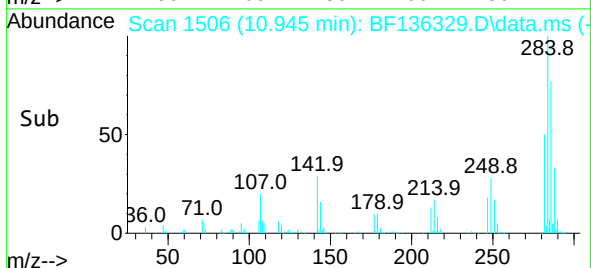
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

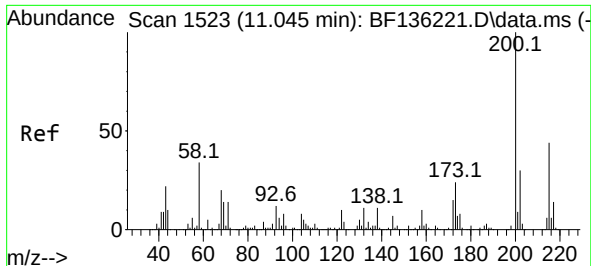


#68
Hexachlorobenzene
Concen: 43.182 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



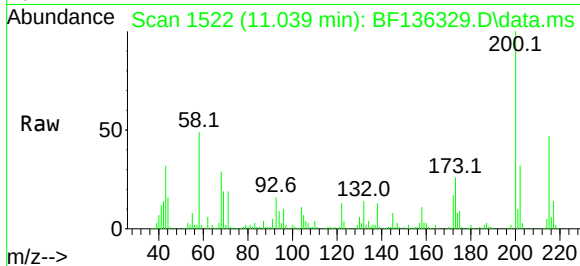
Tgt Ion:284 Resp: 254920
Ion Ratio Lower Upper
284 100
142 30.0 19.8 29.8#
249 29.0 21.0 31.4





#69
 Atrazine
 Concen: 39.545 ng
 RT: 11.039 min Scan# 1522
 Delta R.T. -0.006 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32

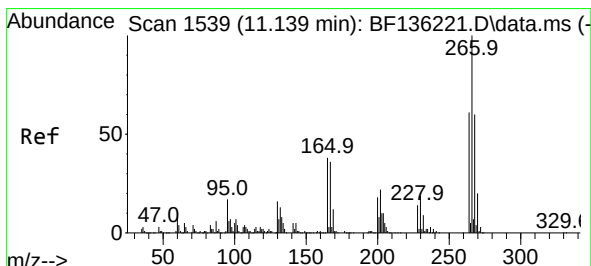
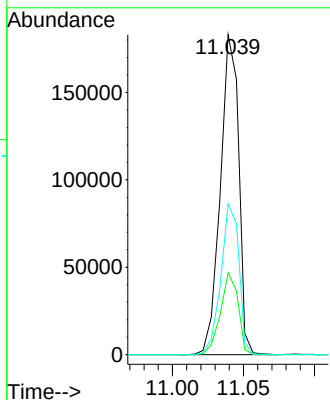
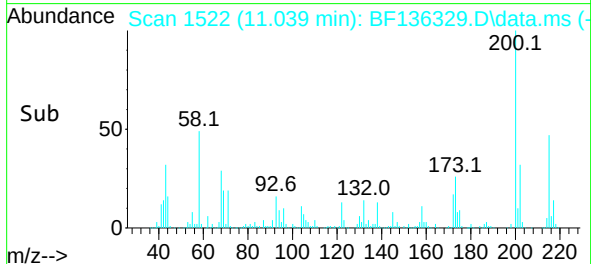
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



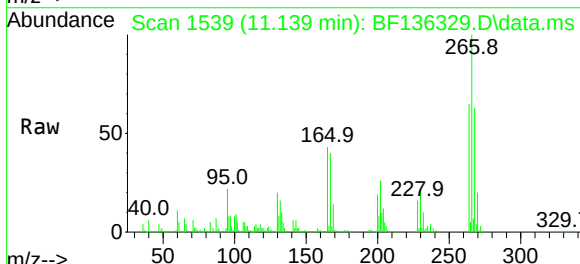
Tgt Ion:200 Resp: 164358
 Ion Ratio Lower Upper
 200 100
 173 25.7 4.3 44.3
 215 47.2 23.8 63.8

Manual Integrations
 APPROVED

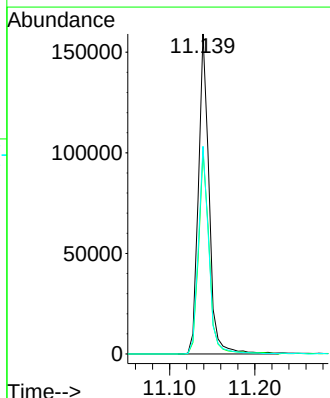
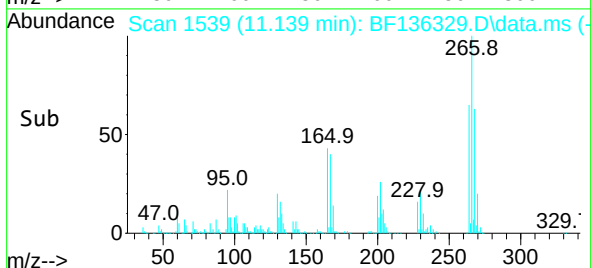
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/05/2023

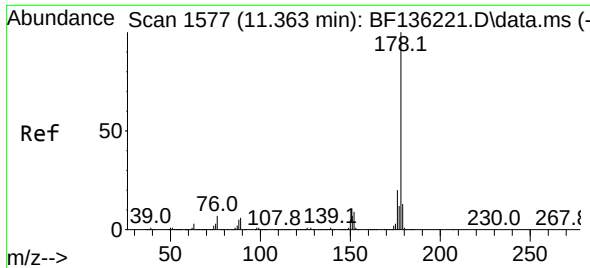


#70
 Pentachlorophenol
 Concen: 41.564 ng
 RT: 11.139 min Scan# 1539
 Delta R.T. -0.000 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32



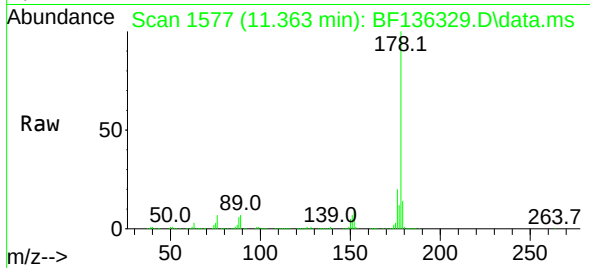
Tgt Ion:266 Resp: 138696
 Ion Ratio Lower Upper
 266 100
 268 63.3 47.9 71.9
 264 64.9 49.1 73.7





#71
Phenanthrene
Concen: 41.617 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

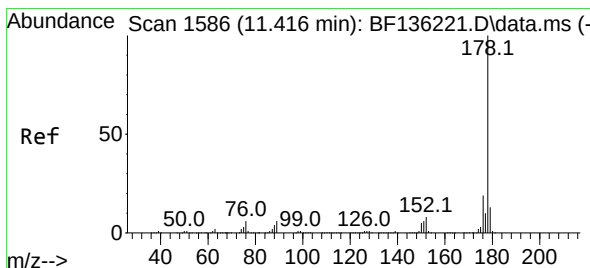
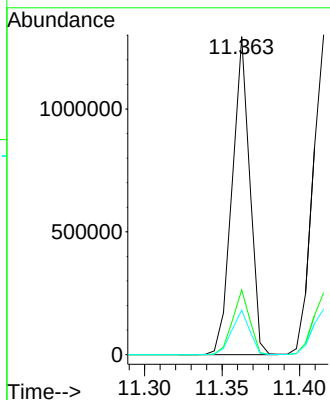
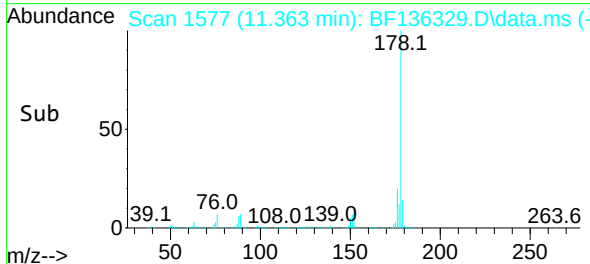
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 102265
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 14.0 10.3 15.5

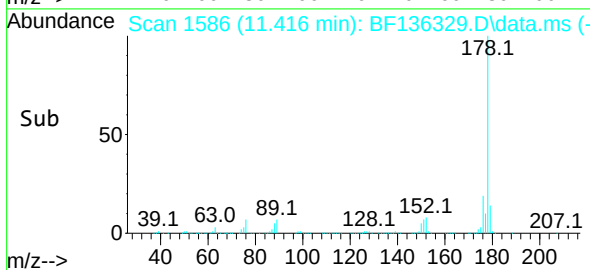
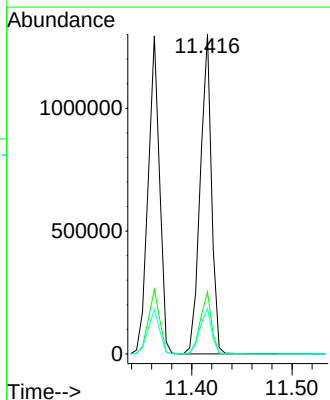
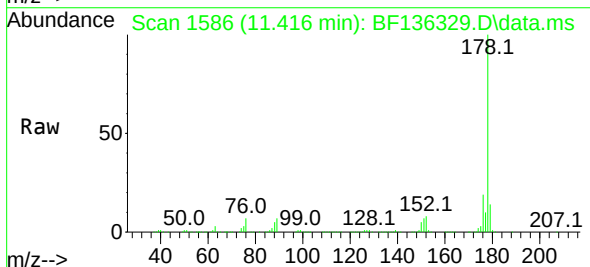
Manual Integrations
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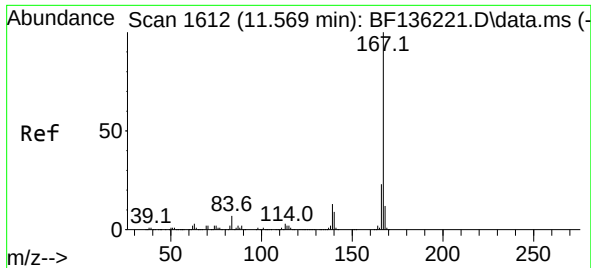
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#72
Anthracene
Concen: 41.281 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

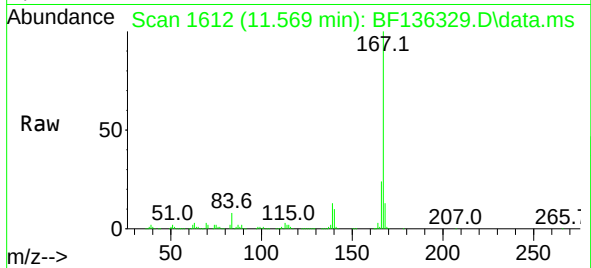
Tgt Ion:178 Resp: 1017254
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 14.3 10.5 15.7





#73
 Carbazole
 Concen: 39.547 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32

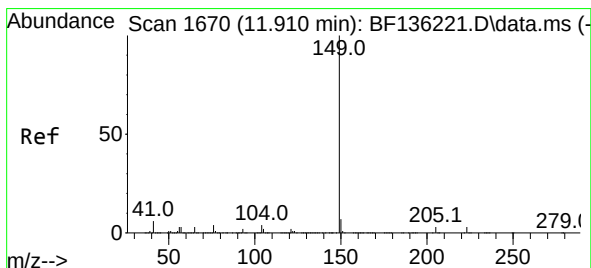
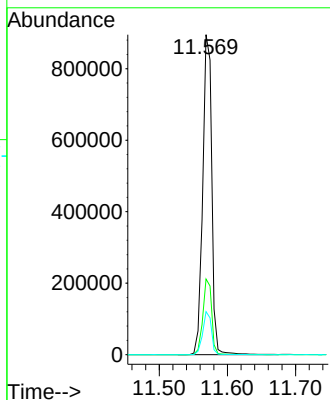
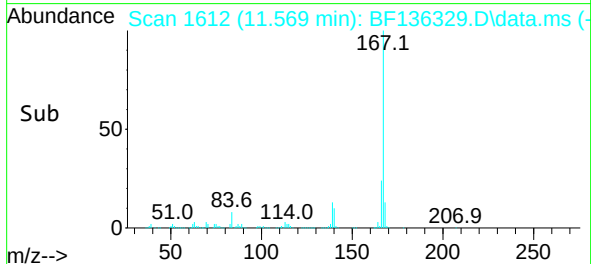
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



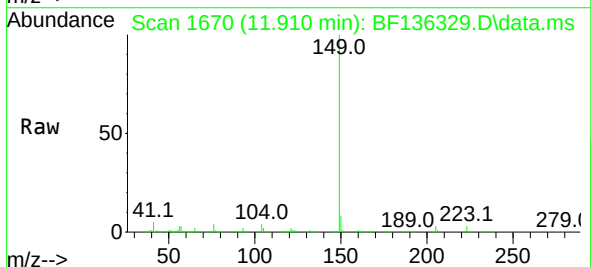
Tgt Ion:167 Resp: 828833
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.4 27.6
 139 13.4 10.5 15.7

Manual Integrations
 APPROVED

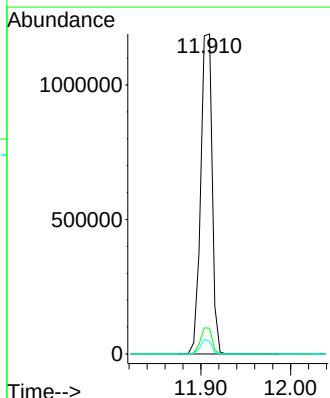
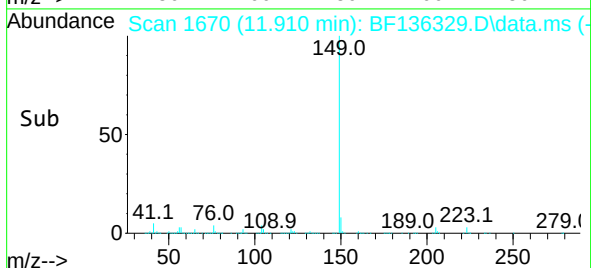
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/05/2023

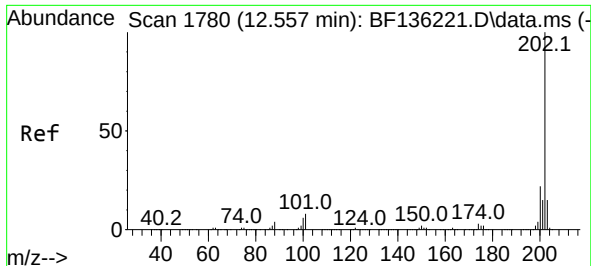


#74
 Di-n-butylphthalate
 Concen: 40.121 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32



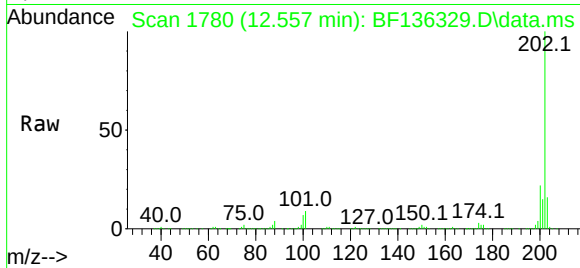
Tgt Ion:149 Resp: 1052102
 Ion Ratio Lower Upper
 149 100
 150 8.0 6.0 9.0
 104 3.9 3.5 5.3





#75
Fluoranthene
Concen: 37.901 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

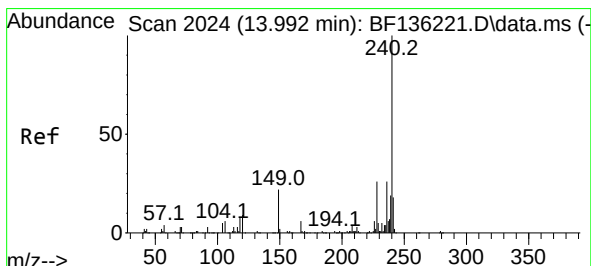
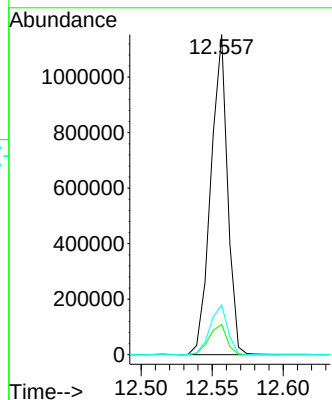
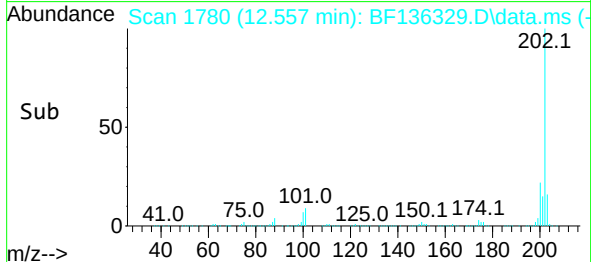
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 945450
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.8
203 15.5 0.0 34.5

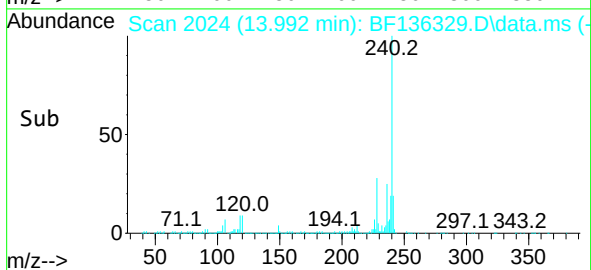
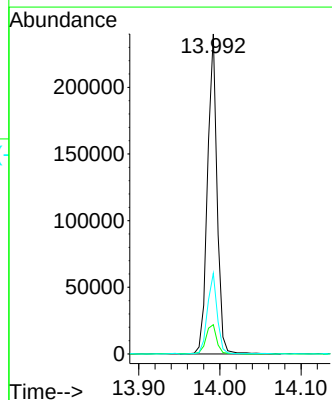
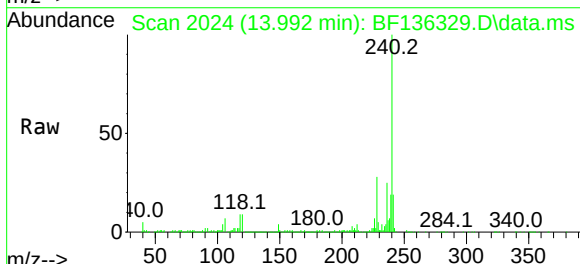
Manual Integrations
APPROVED

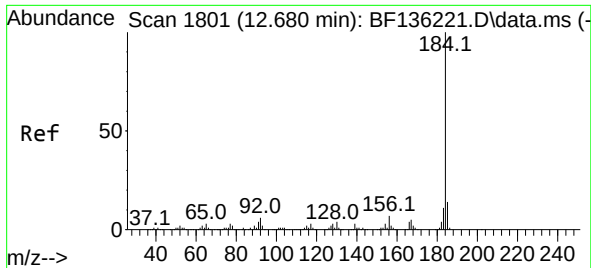
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

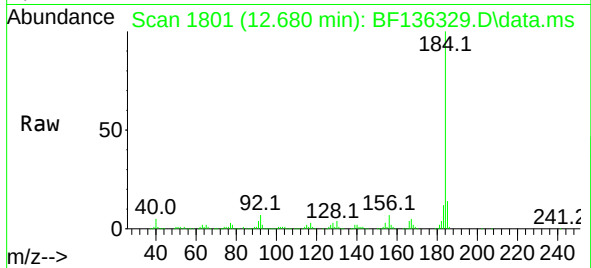
Tgt Ion:240 Resp: 195717
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.2
236 25.2 21.1 31.7





#77
Benzidine
Concen: 67.836 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

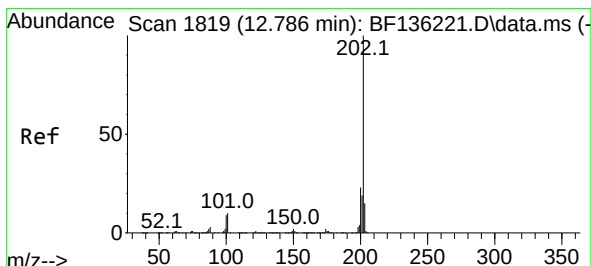
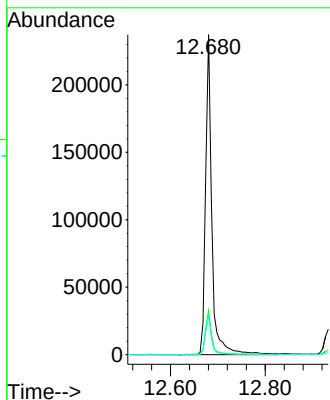
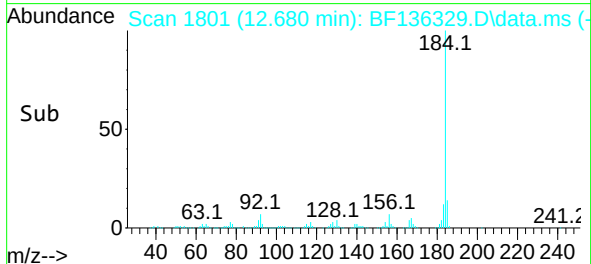
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 218240
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 12.0 9.0 13.4

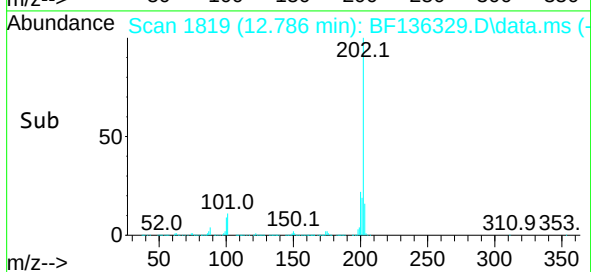
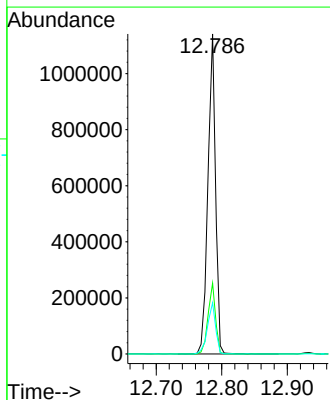
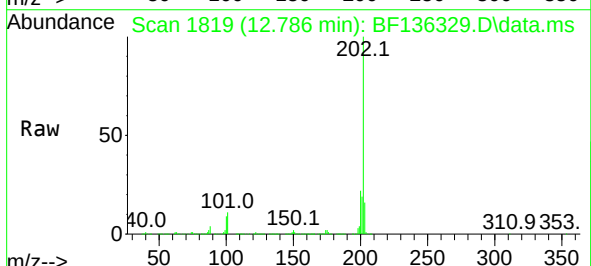
Manual Integrations
APPROVED

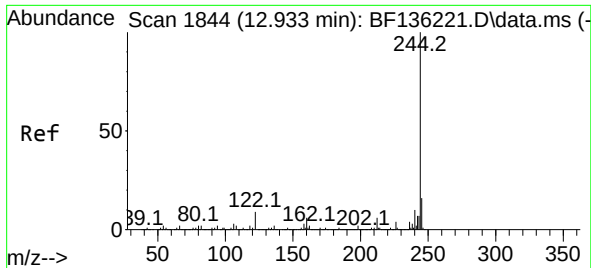
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023



#78
Pyrene
Concen: 43.159 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Tgt Ion:202 Resp: 925079
Ion Ratio Lower Upper
202 100
200 22.2 18.4 27.6
203 16.0 11.8 17.6





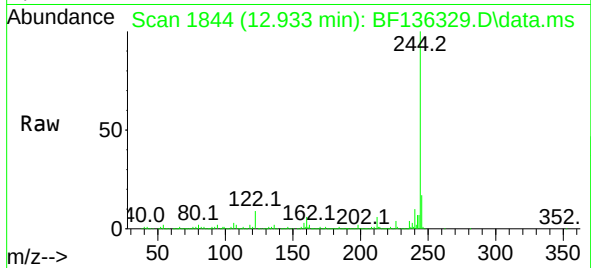
#79
 Terphenyl-d14
 Concen: 84.283 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

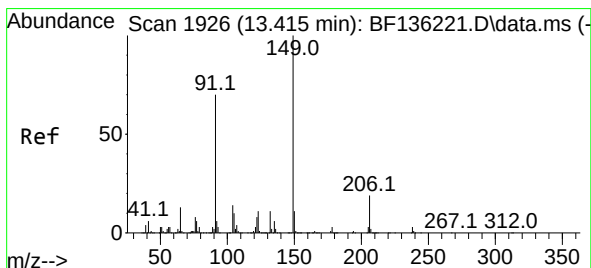
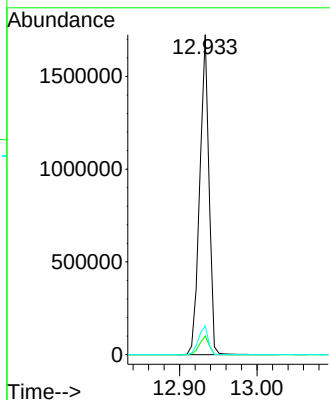
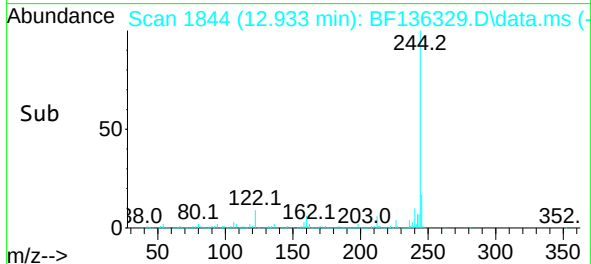


Tgt Ion:244 Resp: 1430069
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 9.0 7.3 10.9

Manual Integrations

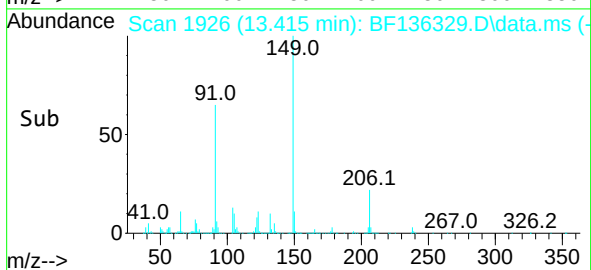
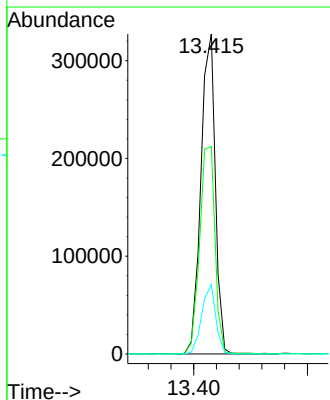
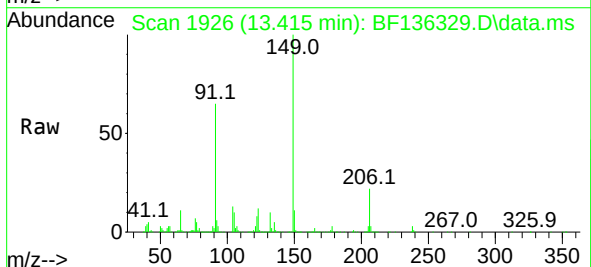
APPROVED

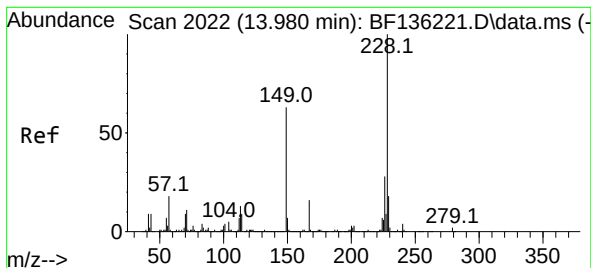
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/05/2023



#80
 Butylbenzylphthalate
 Concen: 43.355 ng
 RT: 13.415 min Scan# 1926
 Delta R.T. -0.000 min
 Lab File: BF136329.D
 Acq: 01 Dec 2023 10:32

Tgt Ion:149 Resp: 289214
 Ion Ratio Lower Upper
 149 100
 91 64.8 56.4 84.6
 206 21.7 14.8 22.2





#81

Benzo(a)anthracene

Concen: 40.189 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

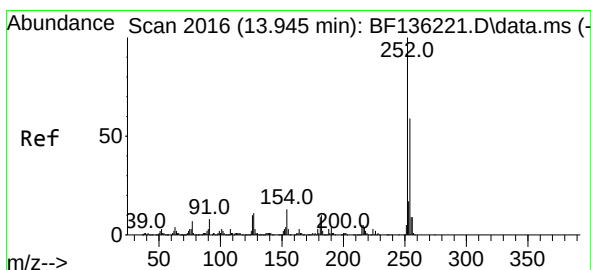
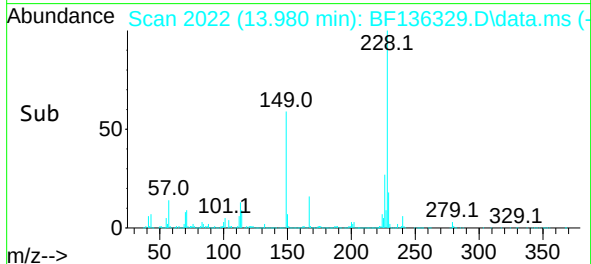
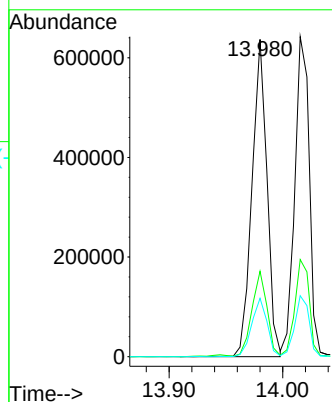
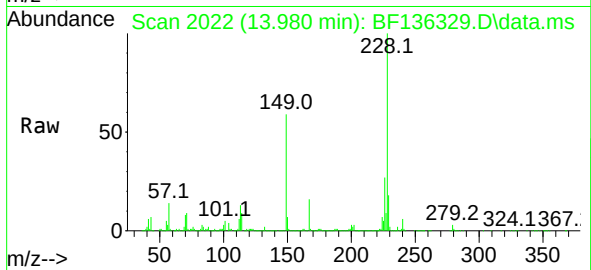
Tgt Ion:228 Resp: 58424
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.6 34.0
 229 18.4 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#82

3,3'-Dichlorobenzidine

Concen: 49.360 ng

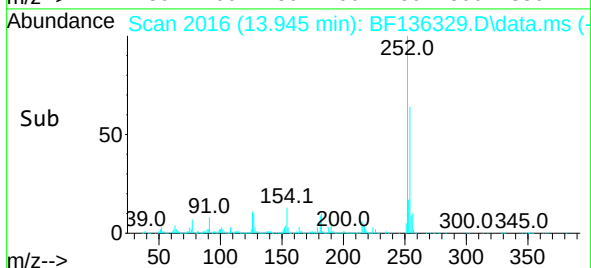
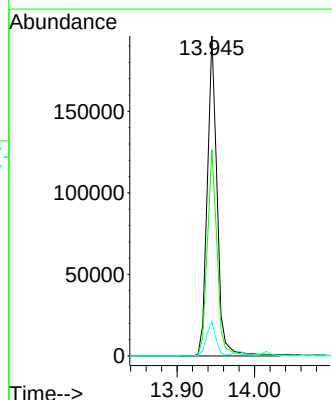
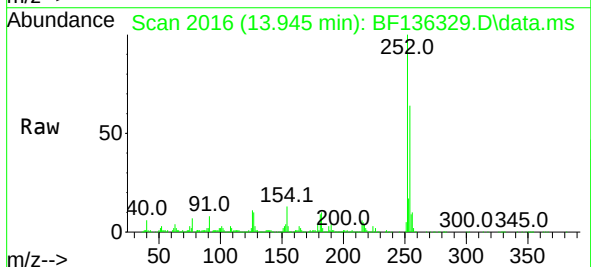
RT: 13.945 min Scan# 2016

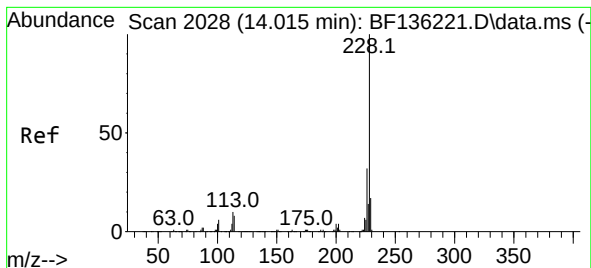
Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Tgt Ion:252 Resp: 172727
 Ion Ratio Lower Upper
 252 100
 254 64.4 47.4 71.2
 126 10.8 8.3 12.5





#83

Chrysene

Concen: 40.872 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 573690

Ion Ratio Lower Upper

228 100

226 30.4 25.5 38.3

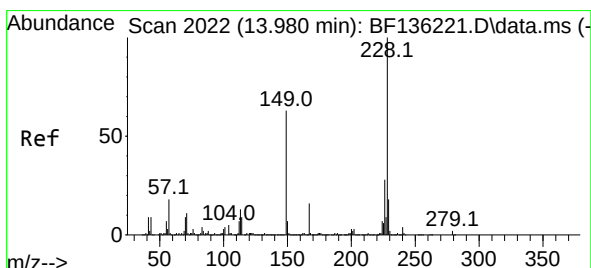
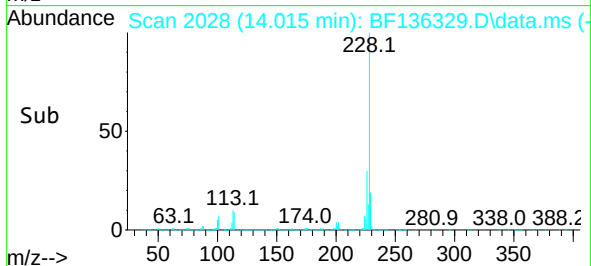
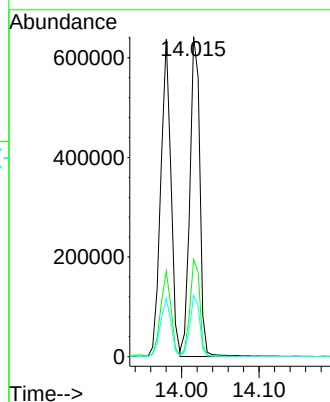
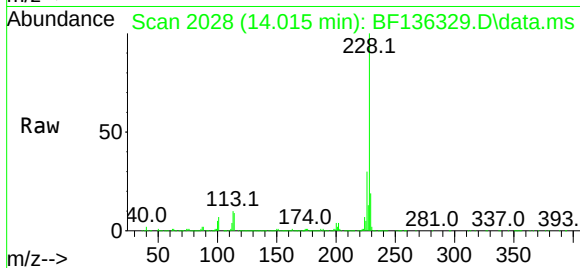
229 19.0 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.022 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

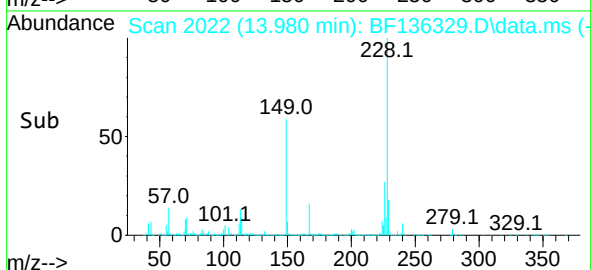
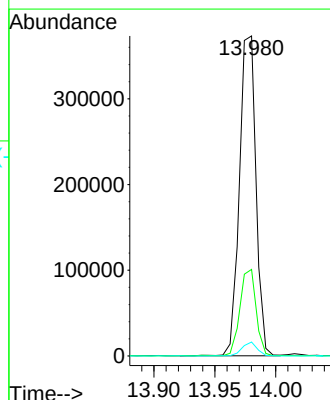
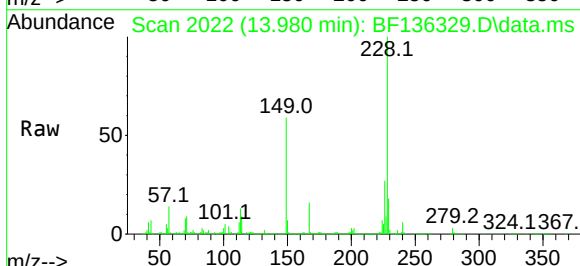
Tgt Ion:149 Resp: 352440

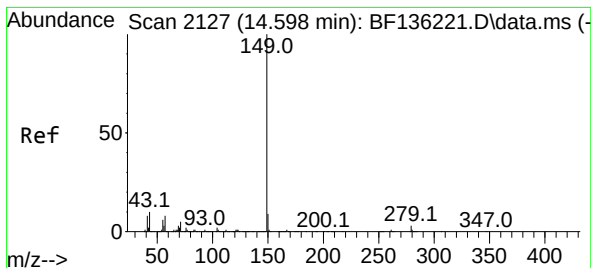
Ion Ratio Lower Upper

149 100

167 27.1 20.2 30.2

279 4.4 2.4 3.6#





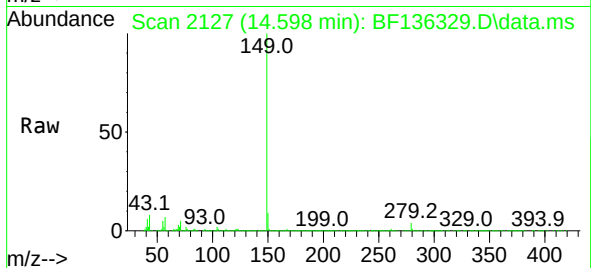
#85
Di-n-octyl phthalate
Concen: 47.026 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

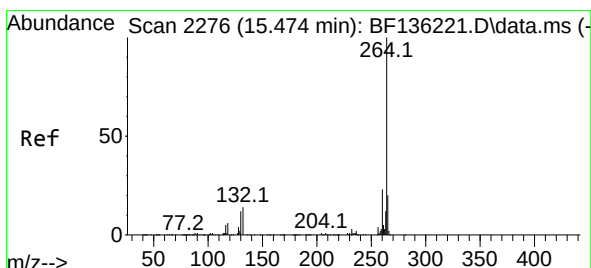
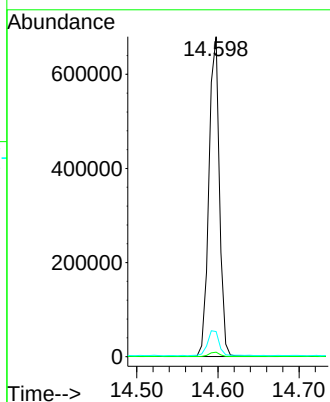
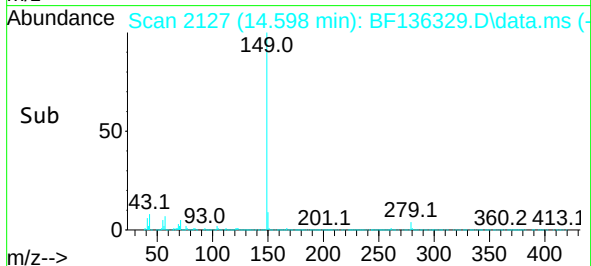


Tgt Ion:149 Resp: 609939
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.9 7.2 10.8

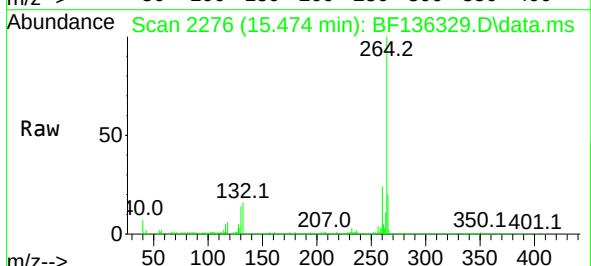
Manual Integrations

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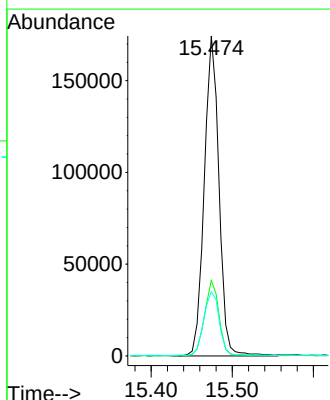
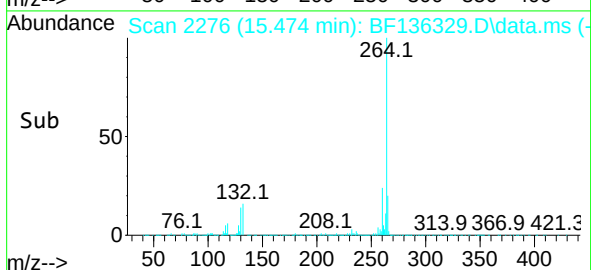
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/05/2023

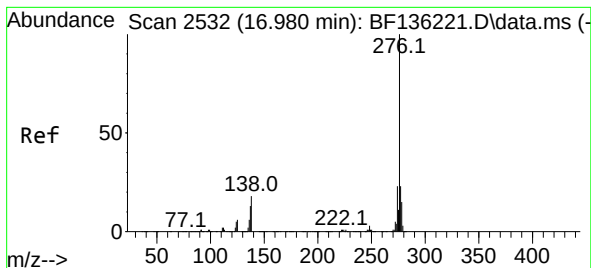


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF136329.D
Acq: 01 Dec 2023 10:32



Tgt Ion:264 Resp: 218938
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 20.0 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.948 ng

RT: 16.992 min Scan# 2534

Delta R.T. 0.012 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 66329

Ion Ratio Lower Upper

276 100

138 23.0 17.7 26.5

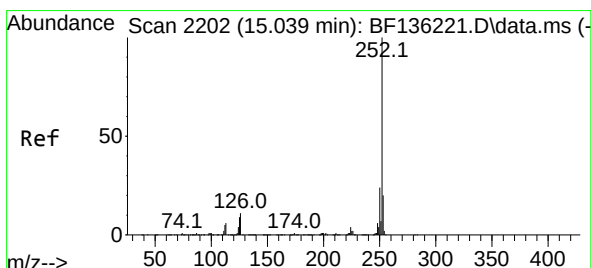
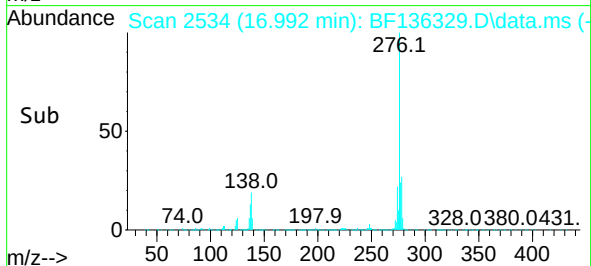
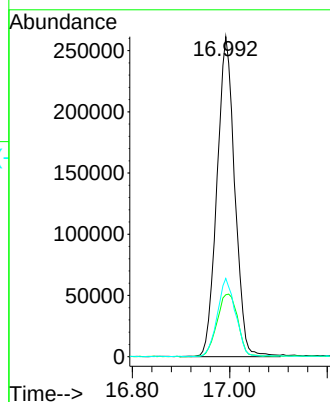
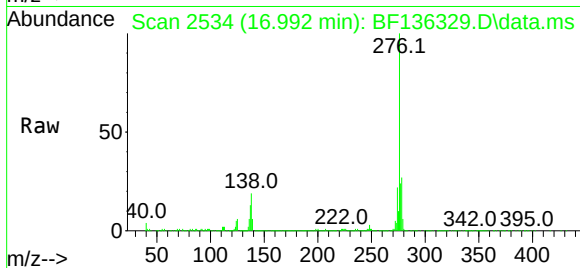
277 24.7 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#88

Benzo(b)fluoranthene

Concen: 38.813 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

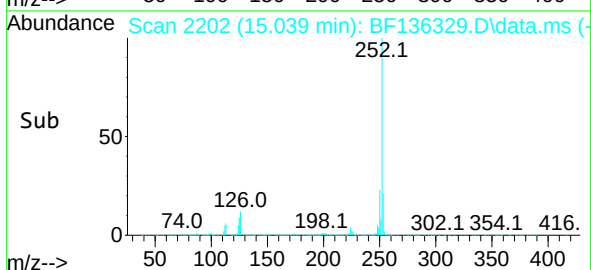
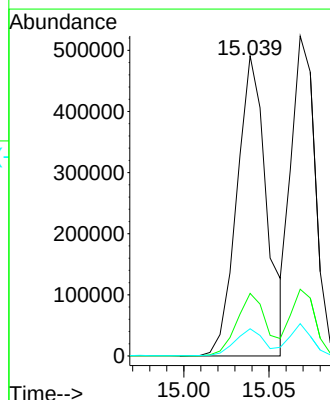
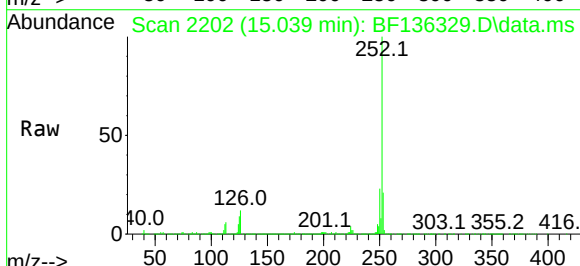
Tgt Ion:252 Resp: 596182

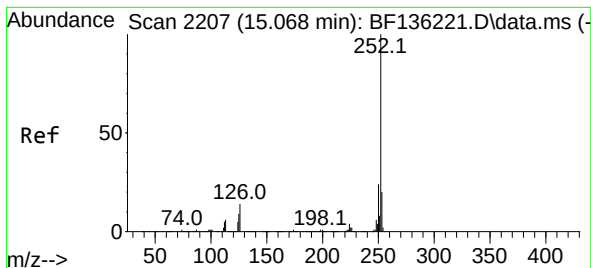
Ion Ratio Lower Upper

252 100

253 20.8 16.2 24.2

125 9.1 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 35.589 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNF

ClientSampleId :

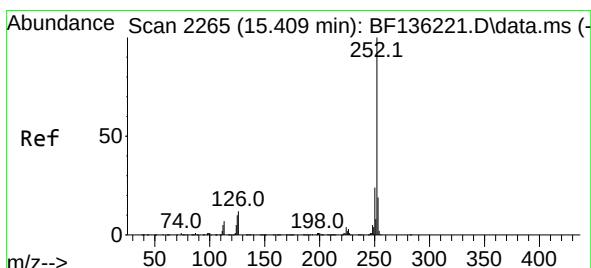
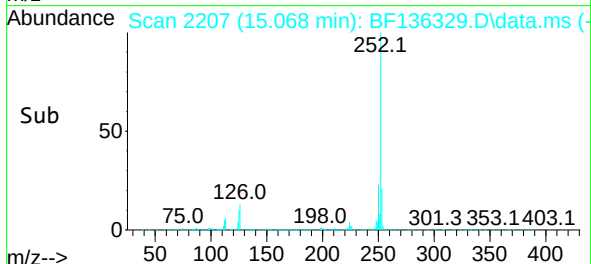
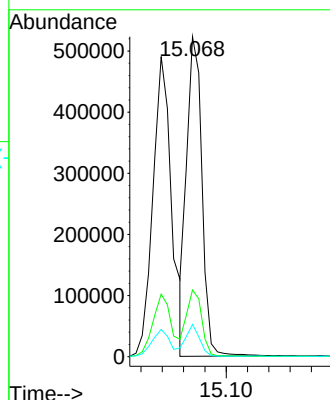
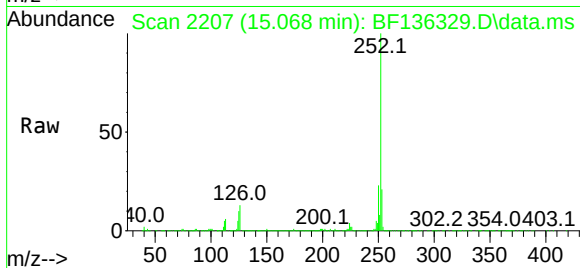
SSTDCCC040

Tgt Ion:252 Resp: 519198
 Ion Ratio Lower Upper
 252 100
 253 20.9 15.6 23.4
 125 10.1 7.0 10.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/05/2023



#90

Benzo(a)pyrene

Concen: 40.336 ng

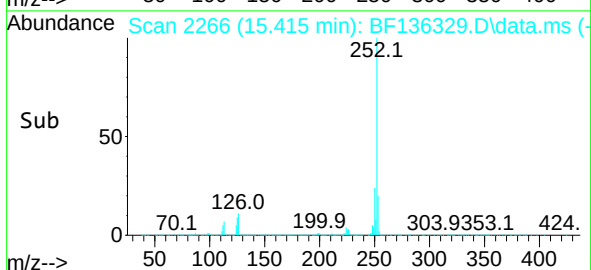
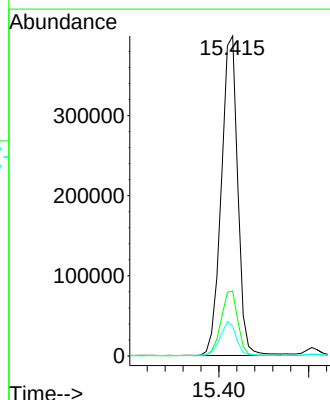
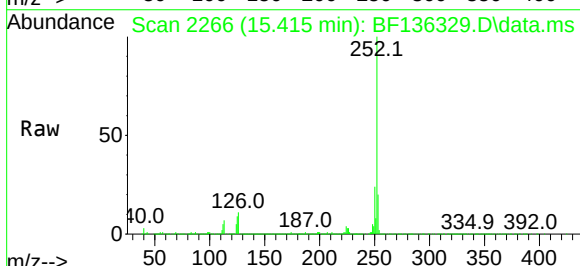
RT: 15.415 min Scan# 2266

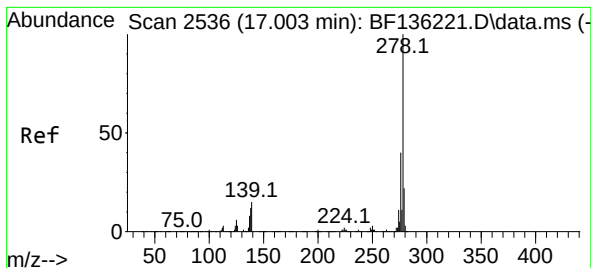
Delta R.T. 0.006 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Tgt Ion:252 Resp: 506484
 Ion Ratio Lower Upper
 252 100
 253 20.3 15.5 23.3
 125 9.3 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 40.987 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 53284

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

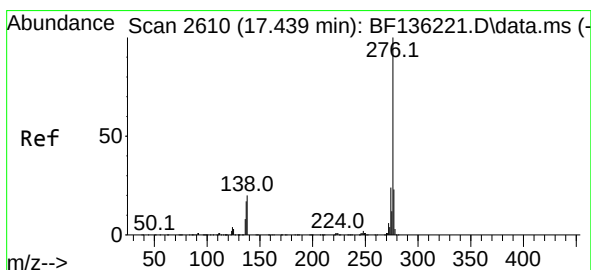
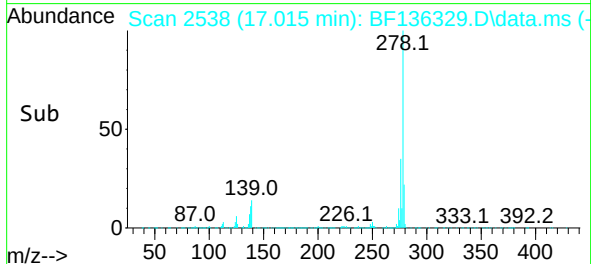
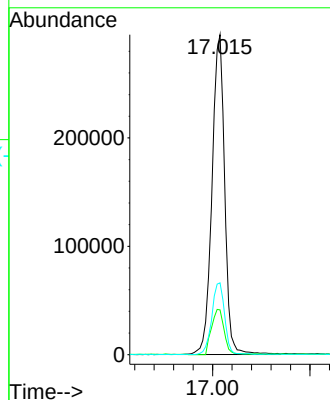
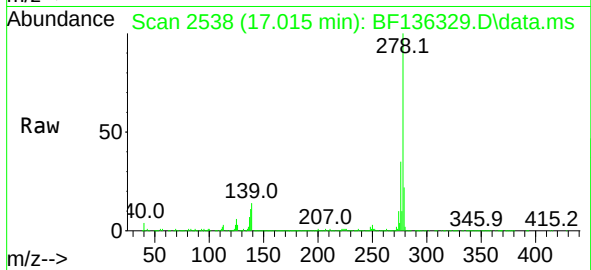
279 22.5 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/05/2023



#92

Benzo(g,h,i)perylene

Concen: 41.261 ng

RT: 17.450 min Scan# 2612

Delta R.T. 0.011 min

Lab File: BF136329.D

Acq: 01 Dec 2023 10:32

Tgt Ion:276 Resp: 540166

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 20.3 15.8 23.8

