

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136324.D
 Acq On : 30 Nov 2023 20:45
 Operator : CG\JU
 Sample : 05562-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 00:13:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	113996	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	420792	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	163883	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	262536	20.000	ng	0.00
76) Chrysene-d12	13.992	240	235322	20.000	ng	0.00
86) Perylene-d12	15.468	264	168969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	802616	97.997	ng	0.01
7) Phenol-d6	6.446	99	950962	92.860	ng	0.00
23) Nitrobenzene-d5	7.369	82	585302	73.503	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	189758	94.708	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1024328	79.836	ng	0.00
79) Terphenyl-d14	12.933	244	1035165	50.741	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	133341	43.027	ng	97
3) Pyridine	3.410	79	311425	40.710	ng	96
4) n-Nitrosodimethylamine	3.375	42	156844	40.560	ng	92
6) Aniline	6.475	93	131658	13.602	ng	96
8) 2-Chlorophenol	6.593	128	383342	42.986	ng	94
9) Benzaldehyde	6.363	77	174046	30.493	ng	93
10) Phenol	6.463	94	444516	40.460	ng	92
11) bis(2-Chloroethyl)ether	6.546	93	352411	43.724	ng	98
12) 1,3-Dichlorobenzene	6.751	146	423491	41.845	ng	98
13) 1,4-Dichlorobenzene	6.828	146	428981	41.696	ng	97
14) 1,2-Dichlorobenzene	6.975	146	400728	41.143	ng	97
15) Benzyl Alcohol	6.951	79	300410	41.840	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	468732	41.869	ng	97
17) 2-Methylphenol	7.063	107	288660	41.172	ng	98
18) Hexachloroethane	7.316	117	146568	40.615	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	250330	40.871	ng	96
20) 3+4-Methylphenols	7.216	107	352168	38.649	ng	# 86
22) Acetophenone	7.216	105	534498	48.365	ng	# 92
24) Nitrobenzene	7.387	77	363114	44.998	ng	97
25) Isophorone	7.628	82	657827	45.815	ng	97
26) 2-Nitrophenol	7.704	139	181725	52.854	ng	94
27) 2,4-Dimethylphenol	7.740	122	255211	56.394	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	413913	47.658	ng	97
29) 2,4-Dichlorophenol	7.945	162	275523	45.138	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	329164	44.045	ng	99
31) Naphthalene	8.110	128	1042144	44.062	ng	98
32) Benzoic acid	7.857	122	180945m	43.872	ng	
33) 4-Chloroaniline	8.157	127	31695	3.942	ng	94
34) Hexachlorobutadiene	8.222	225	190260	43.516	ng	99
35) Caprolactam	8.528	113	75018	43.963	ng	95
36) 4-Chloro-3-methylphenol	8.645	107	255462	38.588	ng	92
37) 2-Methylnaphthalene	8.798	142	602988	40.642	ng	98
38) 1-Methylnaphthalene	8.898	142	571714	39.501	ng	95
40) 1,2,4,5-Tetrachloroben...	8.963	216	286622	54.955	ng	99
41) Hexachlorocyclopentadiene	8.951	237	135457	67.496	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	165258	48.817	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168583	45.633	ng	96
46) 1,1'-Biphenyl	9.263	154	763141	52.805	ng	97
47) 2-Chloronaphthalene	9.287	162	541915	48.285	ng	98
48) 2-Nitroaniline	9.387	65	138955	47.422	ng	# 84
49) Acenaphthylene	9.704	152	801835	50.064	ng	99
50) Dimethylphthalate	9.569	163	606504	48.965	ng	99
51) 2,6-Dinitrotoluene	9.628	165	120269	47.528	ng	99
52) Acenaphthene	9.875	154	460062	45.454	ng	97
53) 3-Nitroaniline	9.792	138	59034	23.512	ng	99
54) 2,4-Dinitrophenol	9.904	184	76470	64.976	ng	94
55) Dibenzofuran	10.051	168	660187	43.834	ng	97
56) 4-Nitrophenol	9.963	139	169441	88.853	ng	# 83
57) 2,4-Dinitrotoluene	10.034	165	144847	42.852	ng	96
58) Fluorene	10.392	166	502066	42.498	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	126629	43.080	ng	99
60) Diethylphthalate	10.269	149	542824	43.810	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	245822	42.847	ng	95
62) 4-Nitroaniline	10.410	138	90625	36.874	ng	95
63) Azobenzene	10.545	77	465650	40.537	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	53389	37.187	ng	98
66) n-Nitrosodiphenylamine	10.504	169	427598	50.824	ng	97
67) 4-Bromophenyl-phenylether	10.881	248	143525	46.859	ng	91
68) Hexachlorobenzene	10.939	284	159567	45.013	ng	# 88
69) Atrazine	11.039	200	148394	59.458	ng	99
70) Pentachlorophenol	11.139	266	191662	95.650	ng	95
71) Phenanthrene	11.357	178	756085	51.240	ng	98
72) Anthracene	11.410	178	744780	50.332	ng	99
73) Carbazole	11.569	167	637276	50.637	ng	99
74) Di-n-butylphthalate	11.910	149	2488045	158.003	ng	99
75) Fluoranthene	12.557	202	946528	63.188	ng	97
77) Benzidine	12.686	184	227947	58.927	ng	98
78) Pyrene	12.786	202	985320	38.232	ng	98
80) Butylbenzylphthalate	13.416	149	361198	45.033	ng	# 91
81) Benzo(a)anthracene	13.980	228	855003	48.916	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	101533	24.132	ng	94
83) Chrysene	14.016	228	819523	48.560	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	515643	53.568	ng	# 98
85) Di-n-octyl phthalate	14.598	149	961900	60.072	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	466502	37.553	ng	100
88) Benzo(b)fluoranthene	15.039	252	640806	54.055	ng	98
89) Benzo(k)fluoranthene	15.069	252	586292	52.073	ng	99
90) Benzo(a)pyrene	15.410	252	484110	49.955	ng	97
91) Dibenzo(a,h)anthracene	17.004	278	374739	37.591	ng	100
92) Benzo(g,h,i)perylene	17.439	276	366718	36.525	ng	100

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

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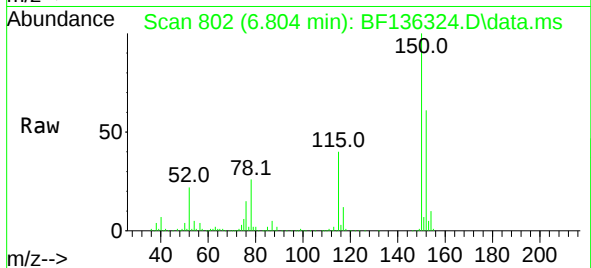
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

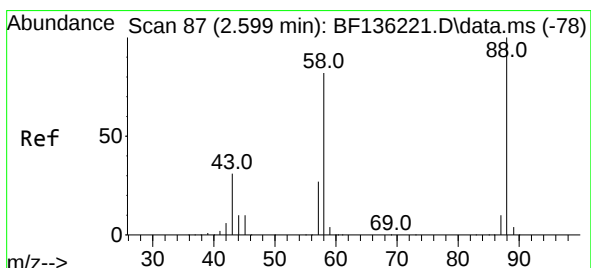
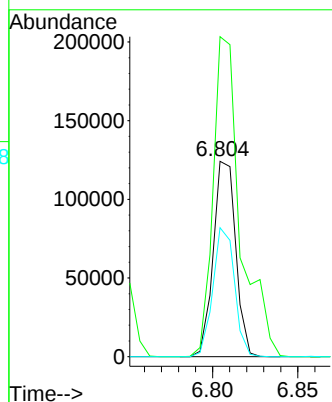
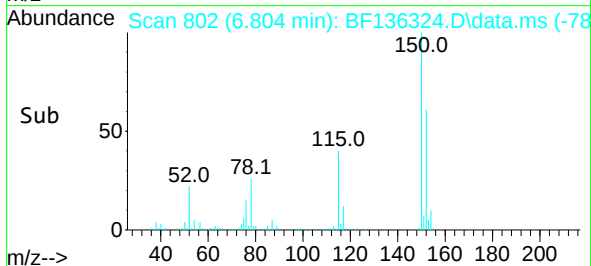


Tgt Ion:152 Resp: 113990
Ion Ratio Lower Upper
152 100
150 163.8 137.8 206.8
115 66.0 52.7 79.1

Manual Integrations

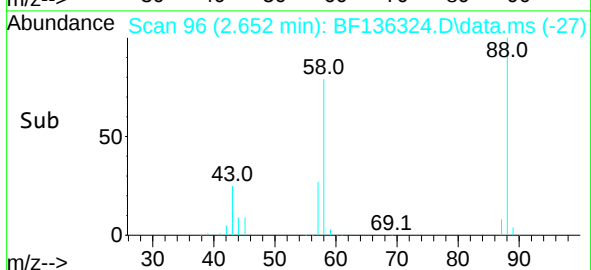
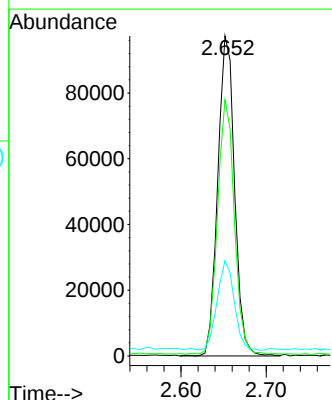
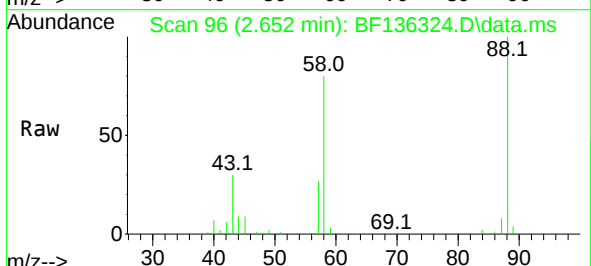
APPROVED

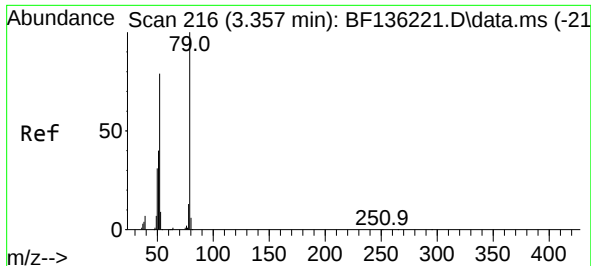
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 43.027 ng
RT: 2.652 min Scan# 96
Delta R.T. 0.053 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

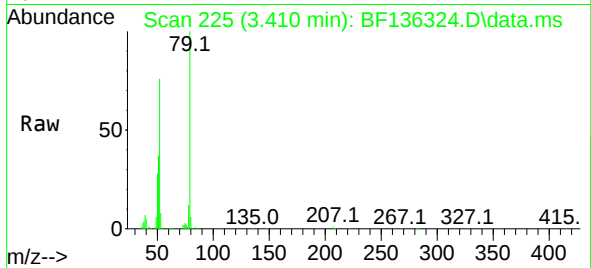
Tgt Ion: 88 Resp: 133341
Ion Ratio Lower Upper
88 100
58 79.9 65.9 98.9
43 28.5 24.8 37.2





#3
Pyridine
Concen: 40.710 ng
RT: 3.410 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

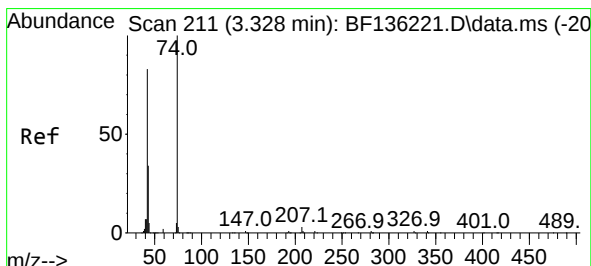
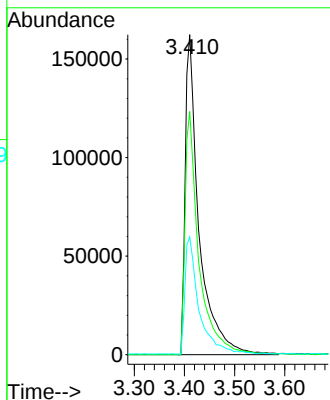
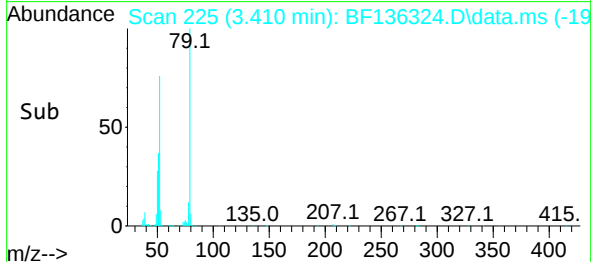
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ClientSampleId :
SU-03-112823MSD



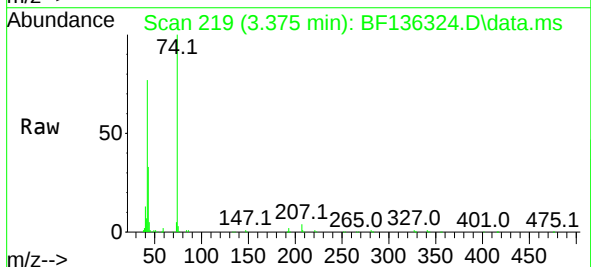
Tgt Ion: 79 Resp: 311425
Ion Ratio Lower Upper
79 100
52 76.0 63.2 94.8
51 36.8 32.6 49.0

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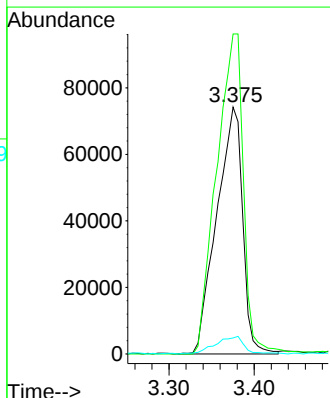
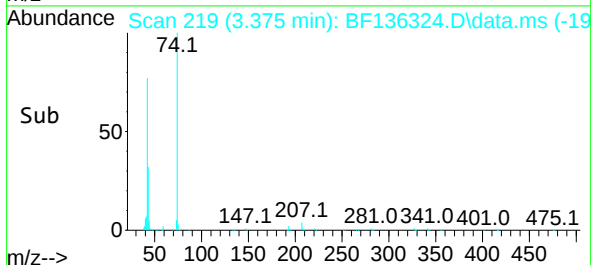
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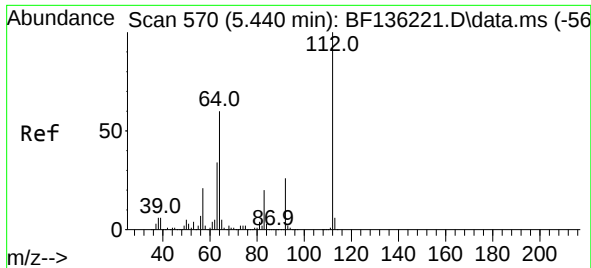


#4
n-Nitrosodimethylamine
Concen: 40.560 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.047 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



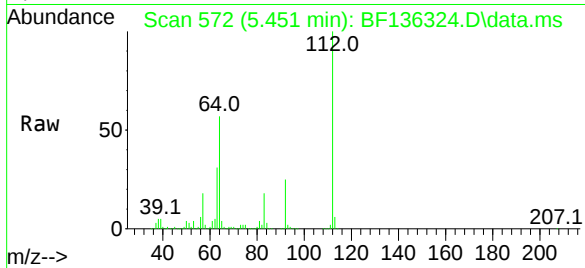
Tgt Ion: 42 Resp: 156844
Ion Ratio Lower Upper
42 100
74 129.6 96.6 144.8
44 6.5 5.4 8.2





#5
2-Fluorophenol
Concen: 97.997 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

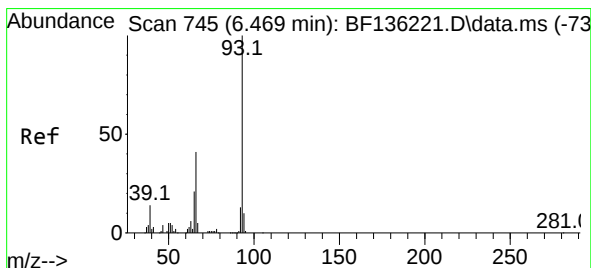
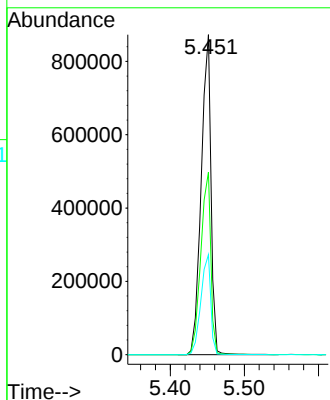
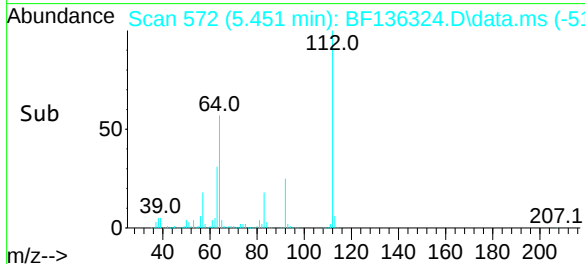
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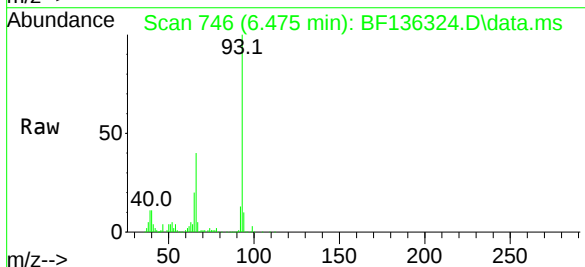
Tgt Ion:112 Resp: 802610
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.4
63 31.3 27.0 40.6

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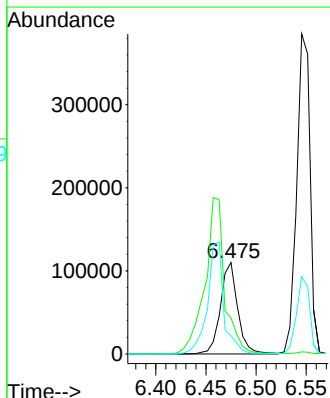
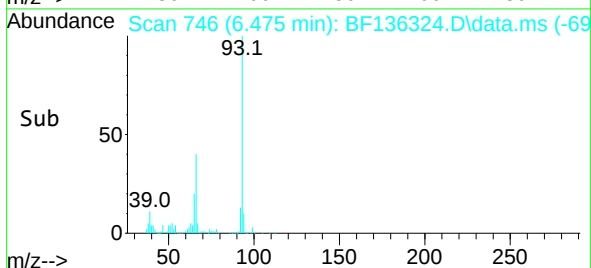
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 13.602 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



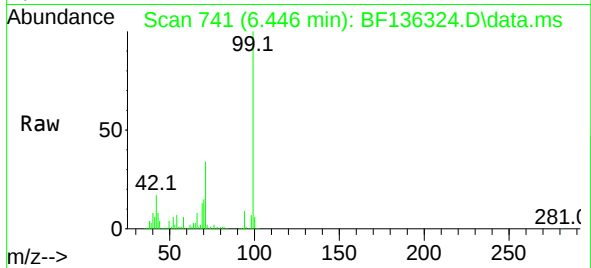
Tgt Ion: 93 Resp: 131658
Ion Ratio Lower Upper
93 100
66 39.7 34.1 51.1
65 20.0 17.3 25.9





#7
Phenol-d6
Concen: 92.860 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

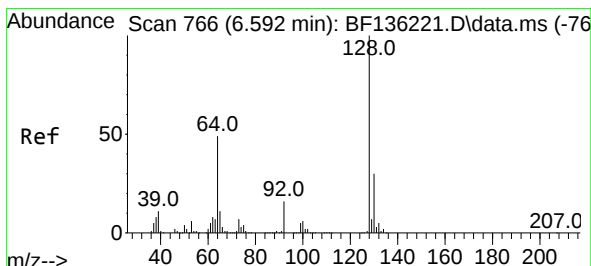
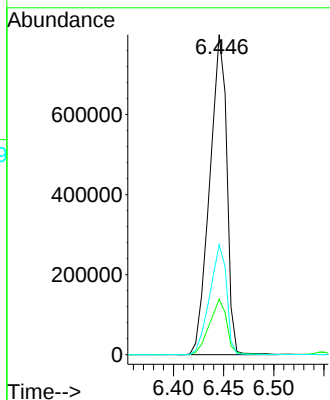
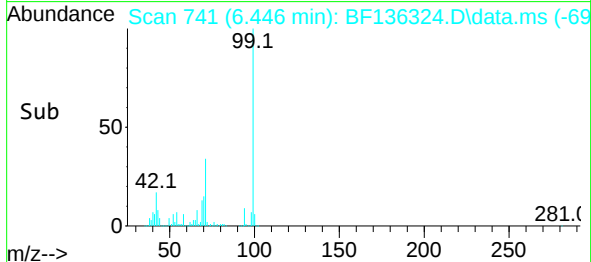
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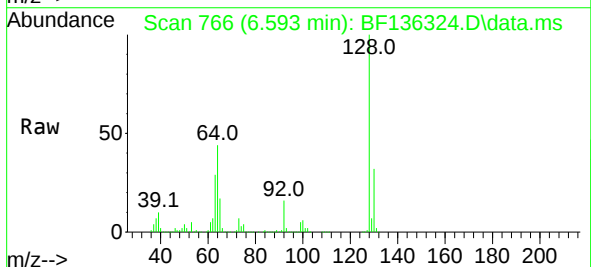
Tgt Ion: 99 Resp: 950962
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 34.4 28.9 43.3

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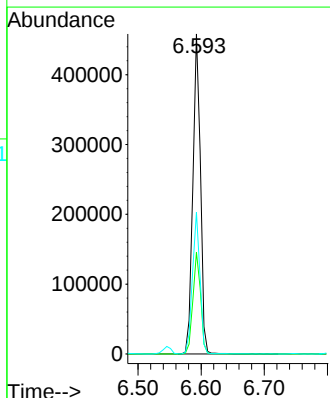
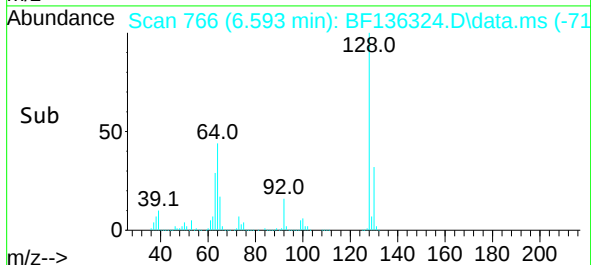
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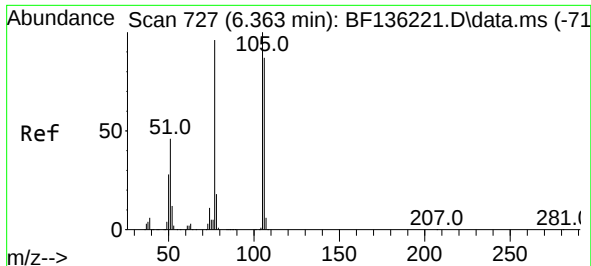


#8
2-Chlorophenol
Concen: 42.986 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 383342
Ion Ratio Lower Upper
128 100
130 31.8 10.3 50.3
64 44.3 30.0 70.0





#9

Benzaldehyde

Concen: 30.493 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136324.D

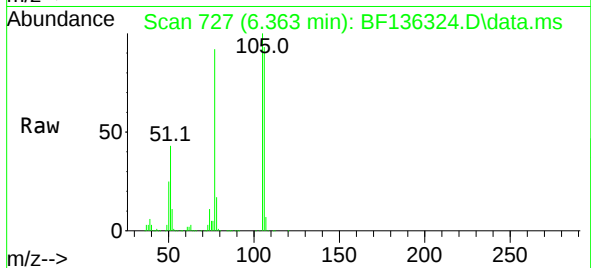
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 17404

Ion Ratio Lower Upper

77 100

105 108.5 84.3 124.3

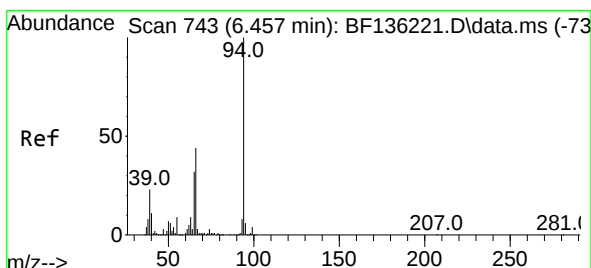
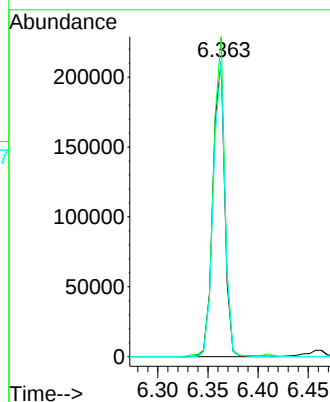
106 100.7 71.0 111.0

Manual Integrations

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#10

Phenol

Concen: 40.460 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

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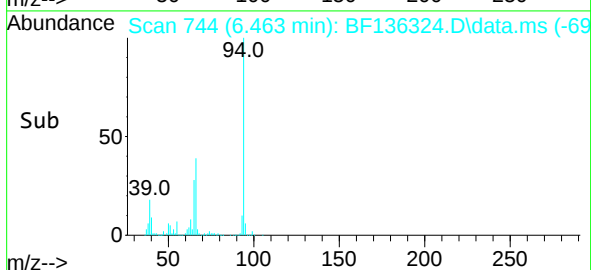
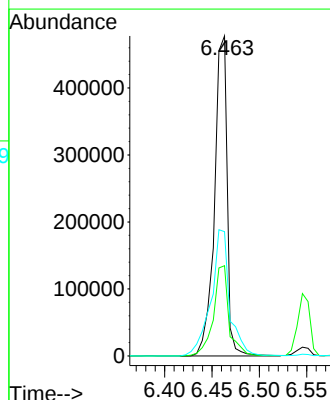
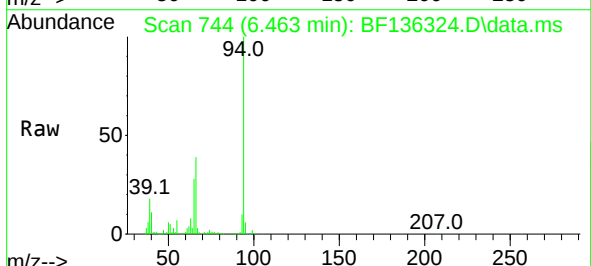
Tgt Ion: 94 Resp: 444516

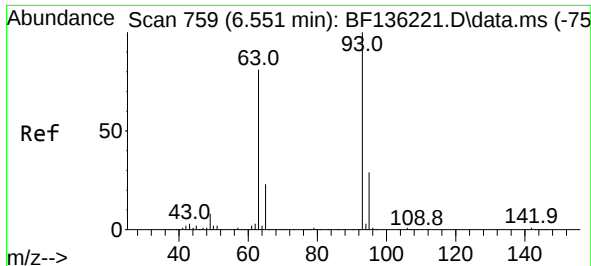
Ion Ratio Lower Upper

94 100

65 28.2 12.5 52.5

66 38.9 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 43.724 ng
RT: 6.546 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

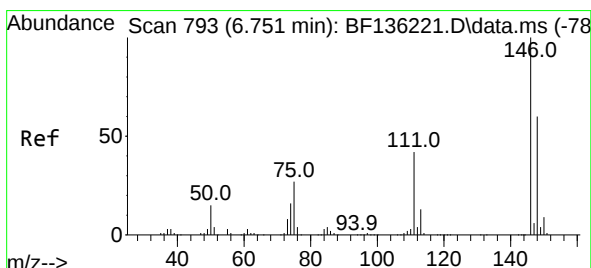
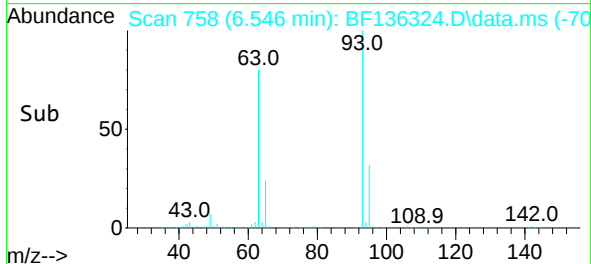
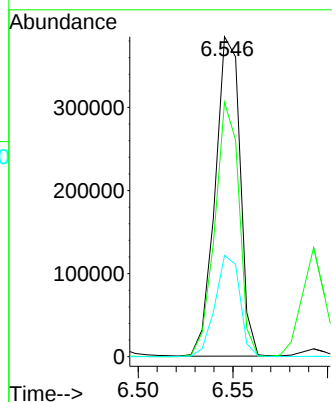
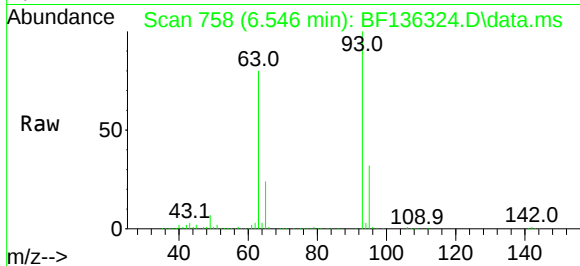
ClientSampleId :

SU-03-112823MSD

Tgt Ion: 93 Resp: 35241
Ion Ratio Lower Upper
93 100
63 79.5 60.2 100.2
95 31.7 9.1 49.1

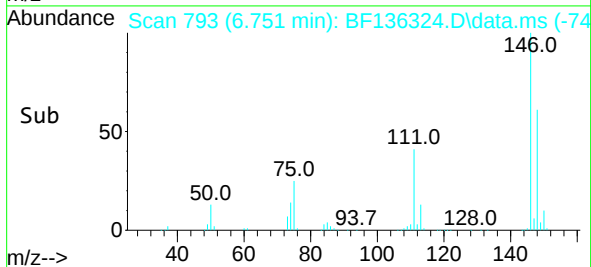
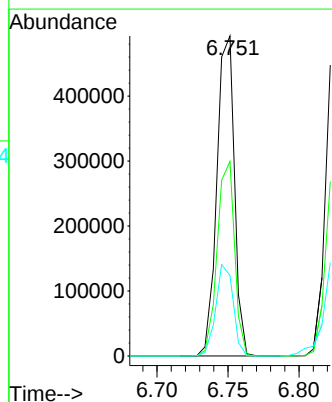
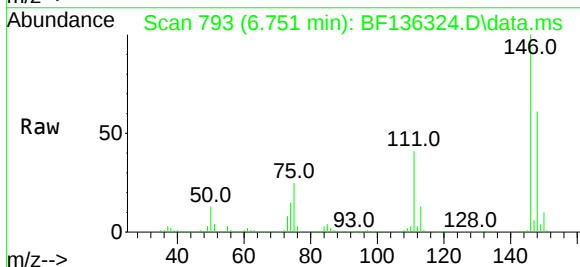
Manual Integrations
APPROVED

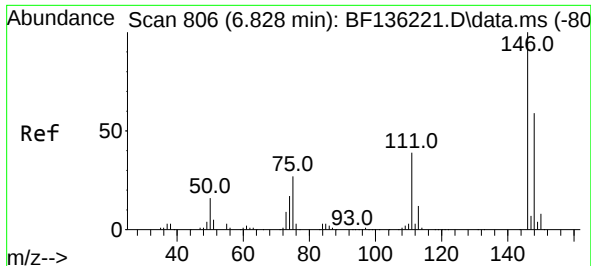
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 41.845 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:146 Resp: 423491
Ion Ratio Lower Upper
146 100
148 60.8 47.8 71.6
75 25.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 41.696 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136324.D

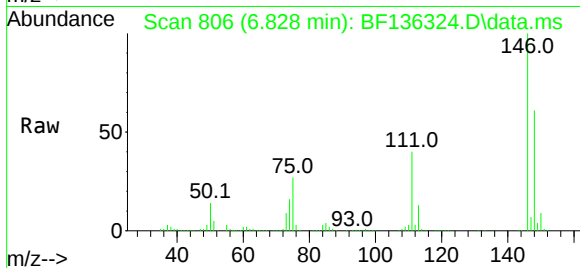
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD



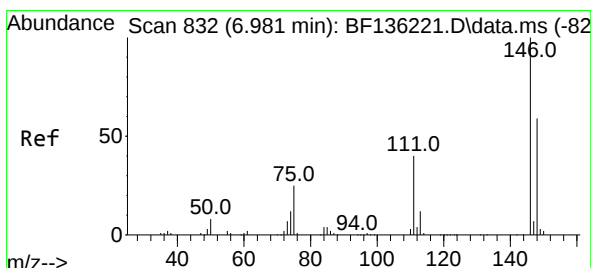
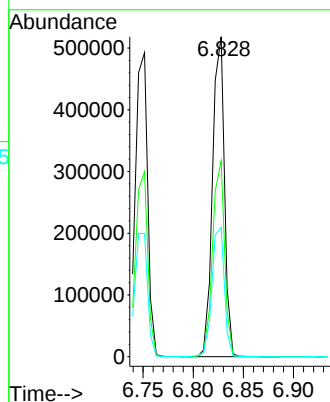
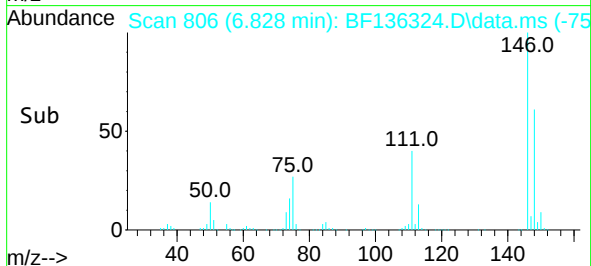
Tgt Ion:146	Resp: 42898
Ion Ratio	Lower Upper
146	100
148	61.2 47.0 70.6
111	40.3 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 41.143 ng

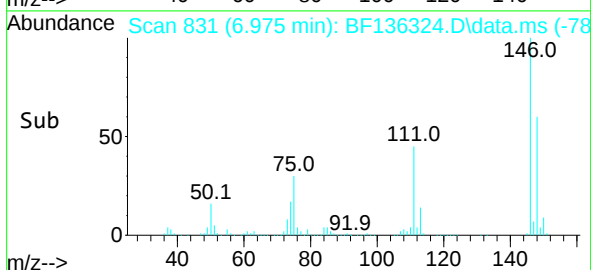
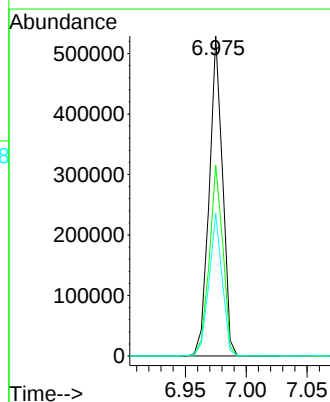
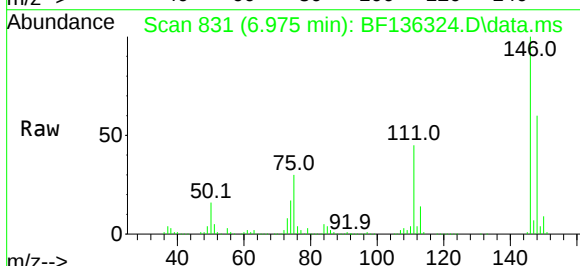
RT: 6.975 min Scan# 831

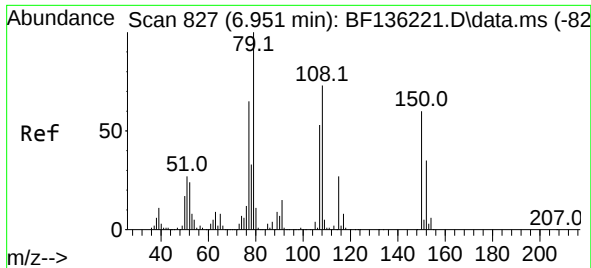
Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

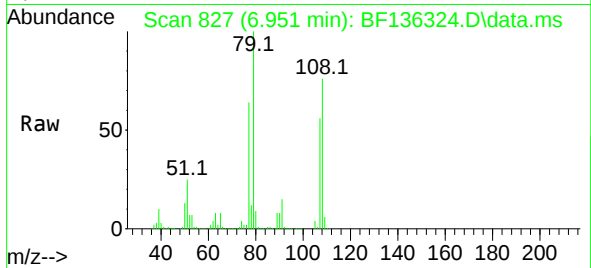
Tgt Ion:146	Resp: 400728
Ion Ratio	Lower Upper
146	100
148	59.6 47.3 70.9
111	44.5 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.840 ng
RT: 6.951 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

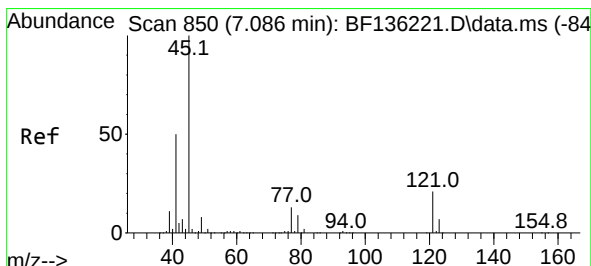
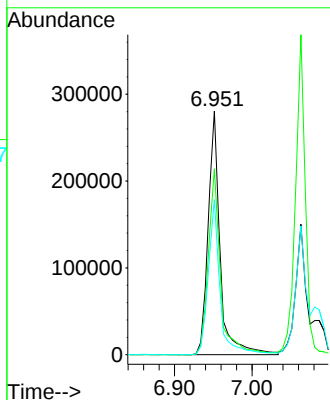
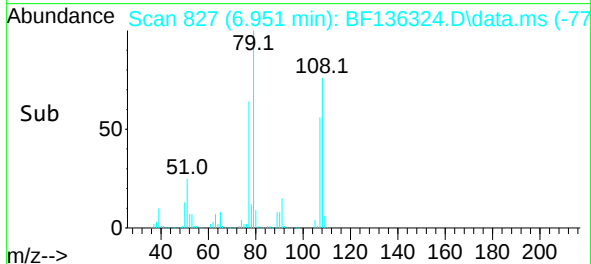
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



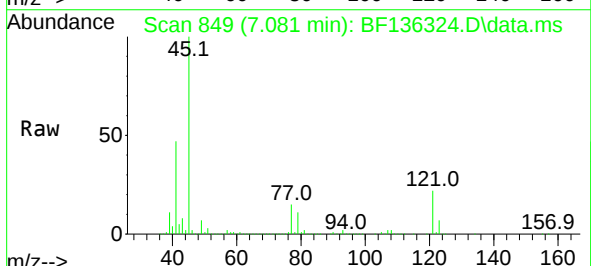
Tgt Ion: 79 Resp: 300410
Ion Ratio Lower Upper
79 100
108 76.3 58.1 87.1
77 63.7 51.8 77.8

Manual Integrations
APPROVED

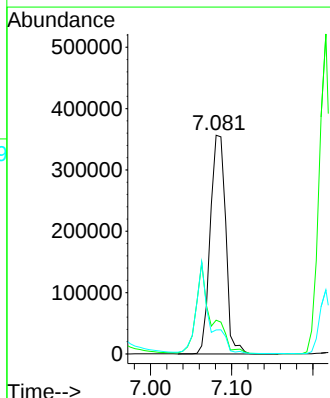
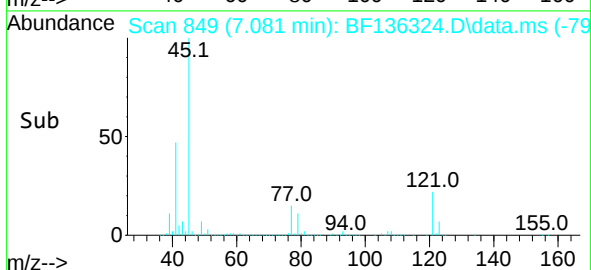
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

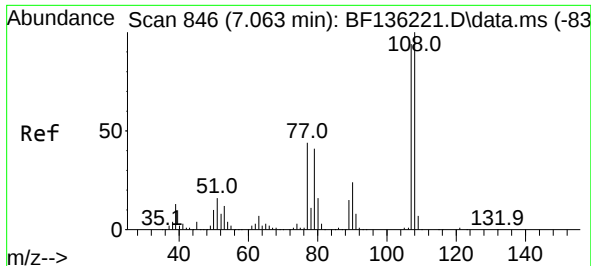


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.869 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



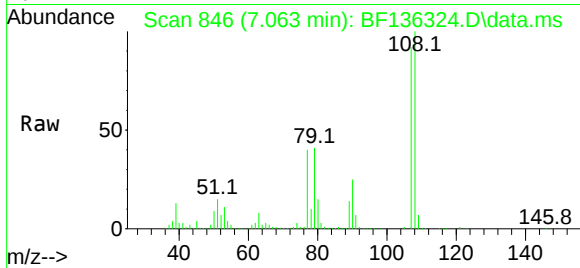
Tgt Ion: 45 Resp: 468732
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.0
79 11.0 0.0 30.1





#17
2-Methylphenol
Concen: 41.172 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

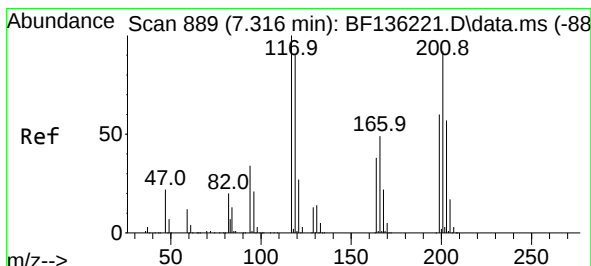
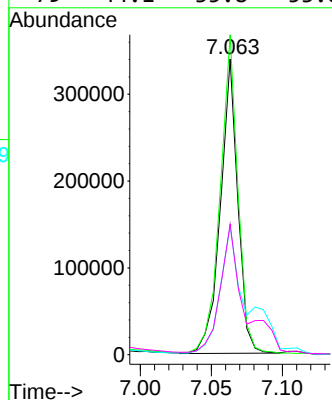
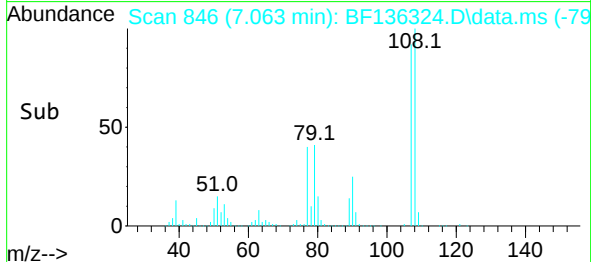
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



Tgt Ion:107 Resp: 288660
Ion Ratio Lower Upper
107 100
108 108.2 85.4 128.0
77 43.6 37.4 56.2
79 44.1 35.8 53.8

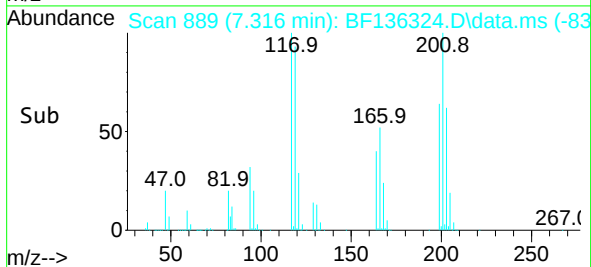
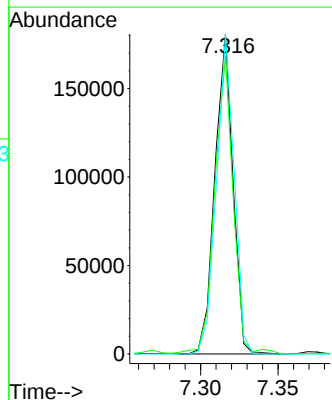
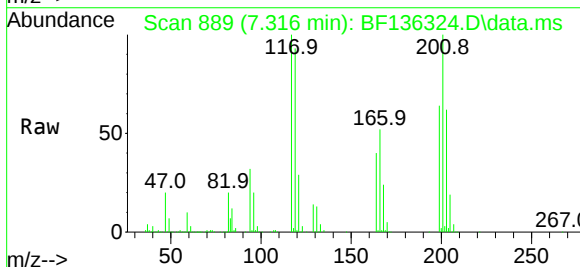
Manual Integrations
APPROVED

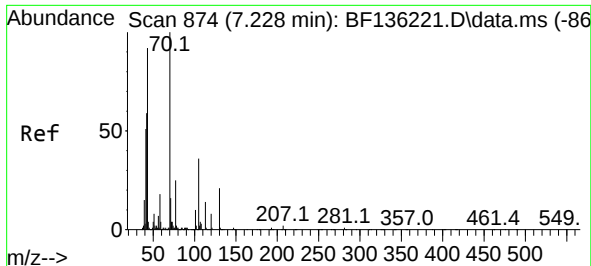
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 40.615 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

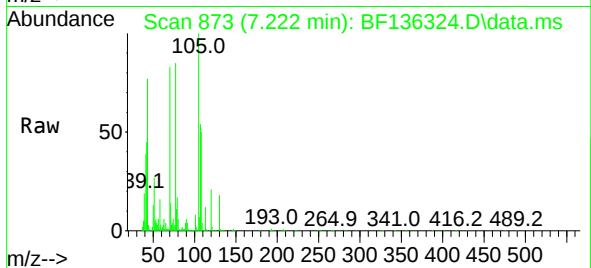
Tgt Ion:117 Resp: 146568
Ion Ratio Lower Upper
117 100
119 93.1 71.6 107.4
201 99.8 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.871 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

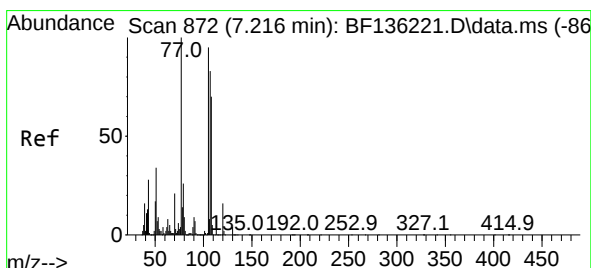
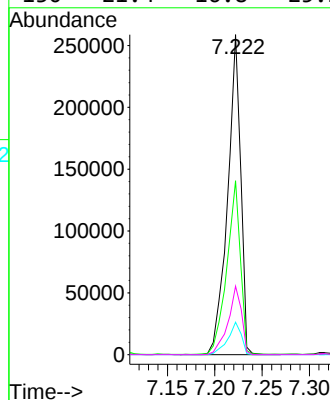
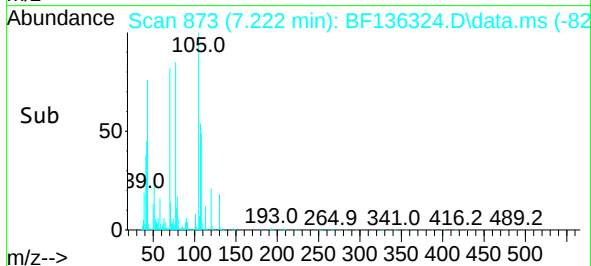
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



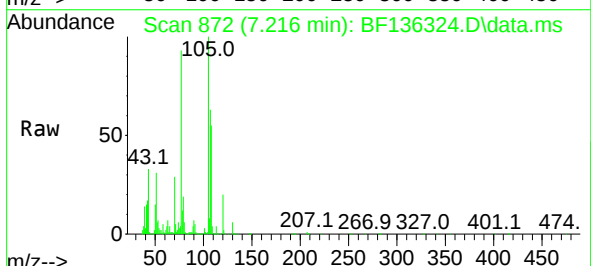
Tgt Ion: 70 Resp: 250330
Ion Ratio Lower Upper
70 100
42 54.4 47.0 70.4
101 10.2 7.8 11.8
130 21.4 16.8 25.2

Manual Integrations
APPROVED

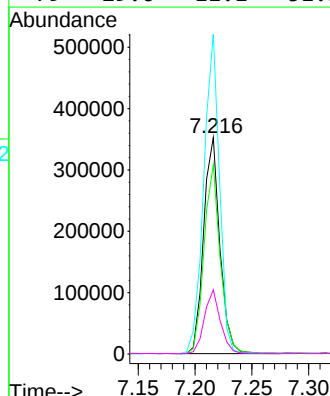
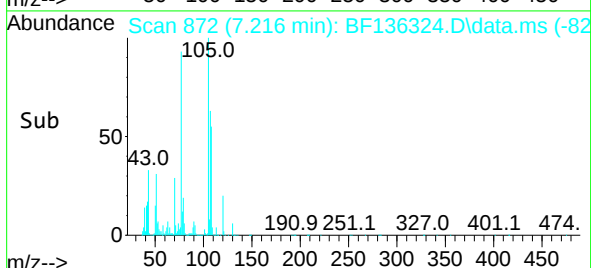
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#20
3+4-Methylphenols
Concen: 38.649 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:107 Resp: 352168
Ion Ratio Lower Upper
107 100
108 87.5 63.9 103.9
77 147.8 100.2 140.2#
79 29.6 11.1 51.1





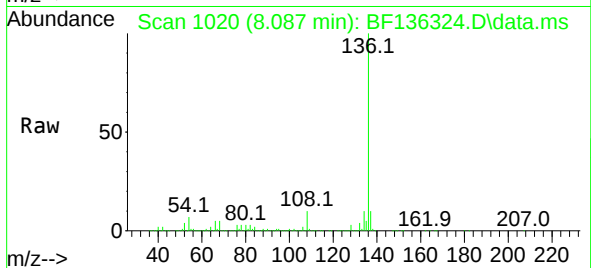
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

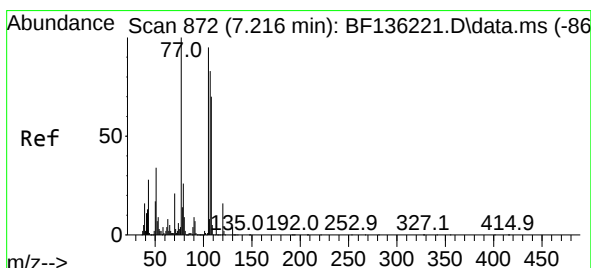
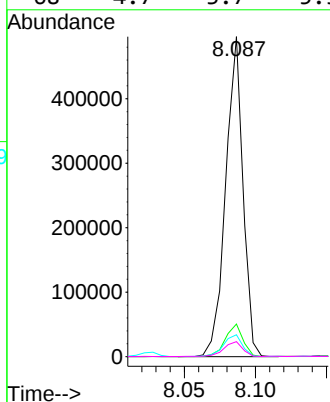
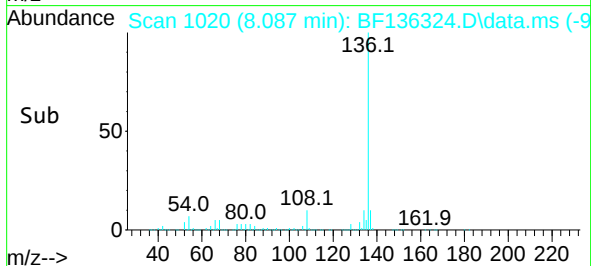


Tgt Ion:136 Resp: 420792
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.8 5.5 8.3
68 4.7 3.7 5.5

Manual Integrations

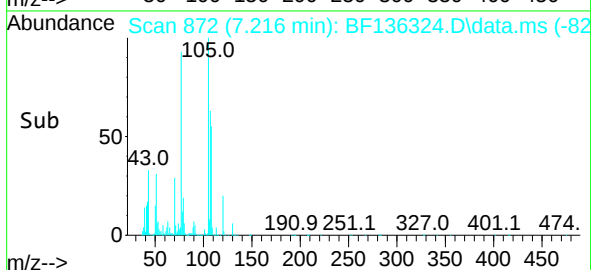
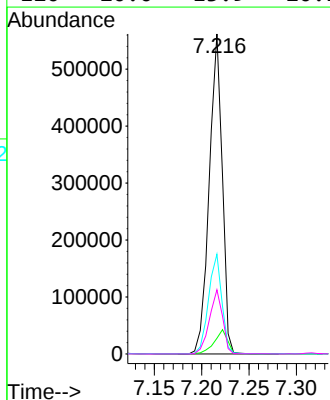
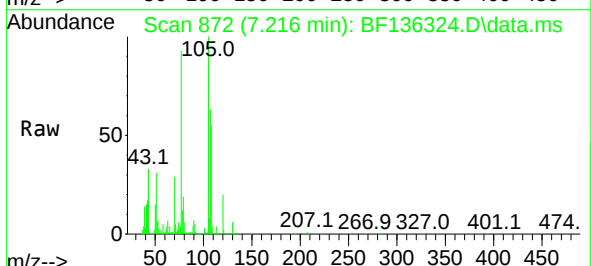
APPROVED

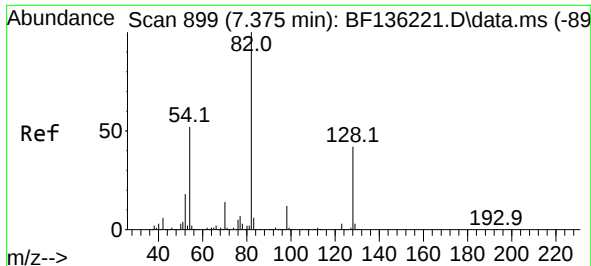
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 48.365 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:105 Resp: 534498
Ion Ratio Lower Upper
105 100
71 4.9 2.8 4.2#
51 31.2 29.0 43.6
120 20.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 73.503 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

Tgt Ion: 82 Resp: 58530

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.2

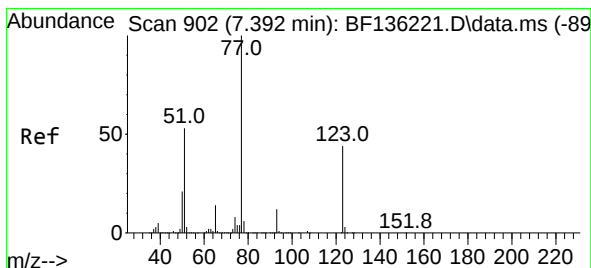
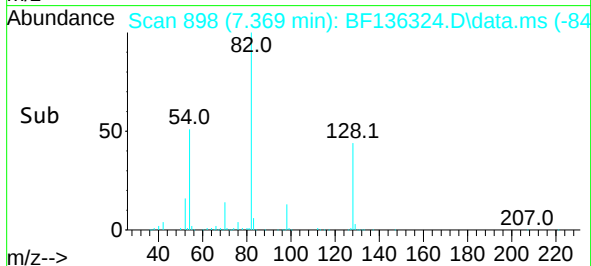
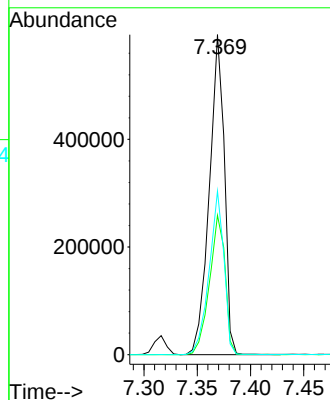
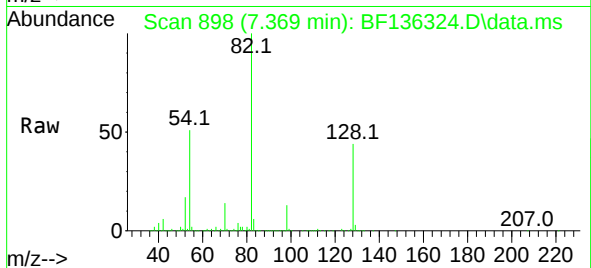
54 51.1 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 44.998 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

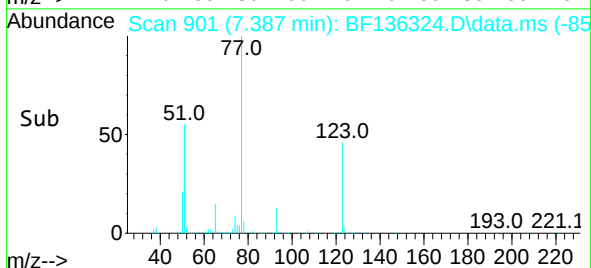
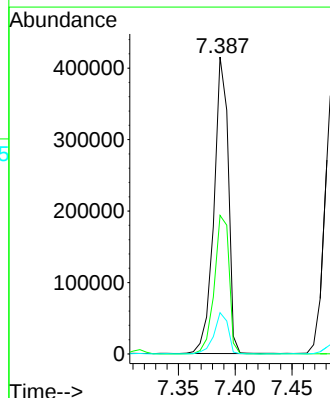
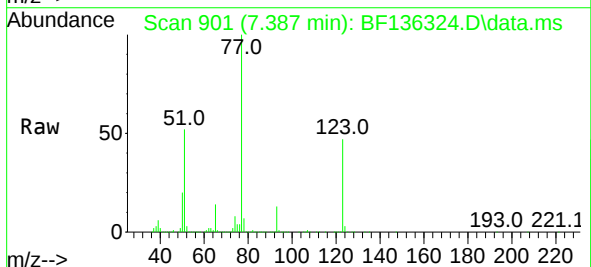
Tgt Ion: 77 Resp: 363114

Ion Ratio Lower Upper

77 100

123 46.7 35.4 53.2

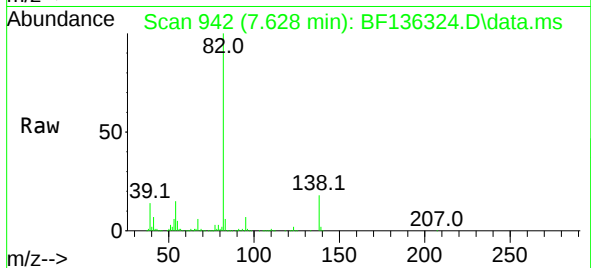
65 13.9 11.0 16.6





#25
Isophorone
Concen: 45.815 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

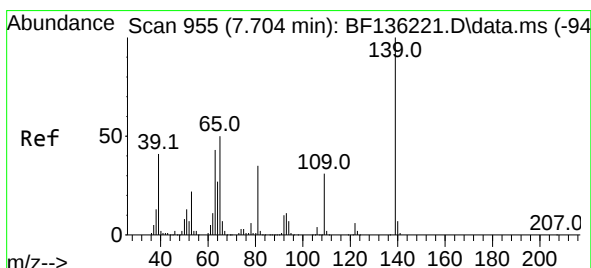
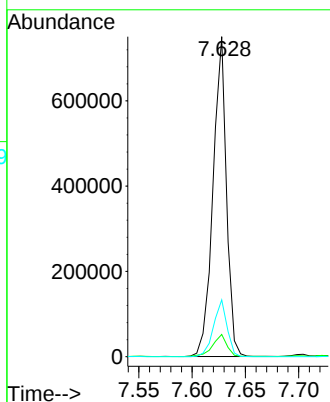
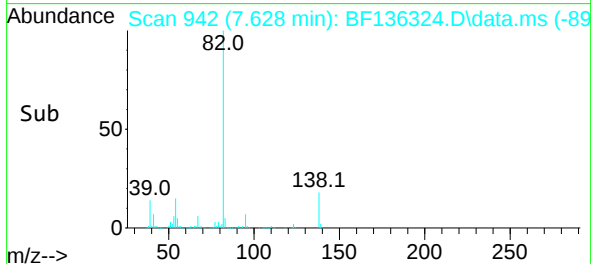
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



Tgt Ion: 82 Resp: 65782
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 12.8 19.2

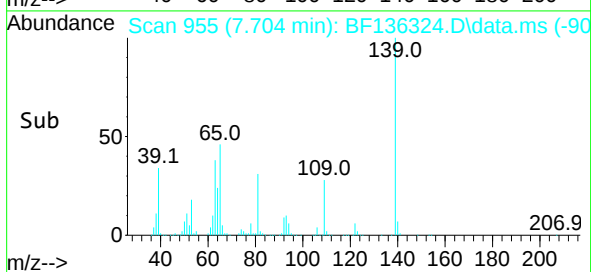
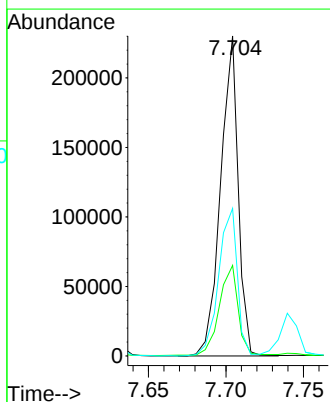
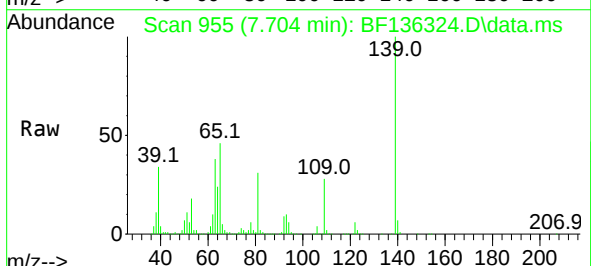
Manual Integrations
APPROVED

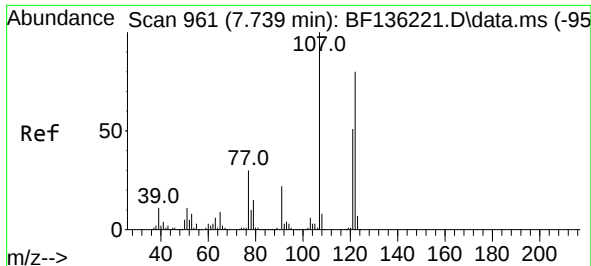
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 52.854 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:139 Resp: 181725
Ion Ratio Lower Upper
139 100
109 28.3 25.0 37.6
65 46.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 56.394 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136324.D

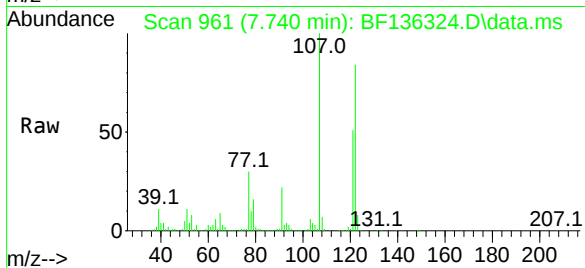
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD



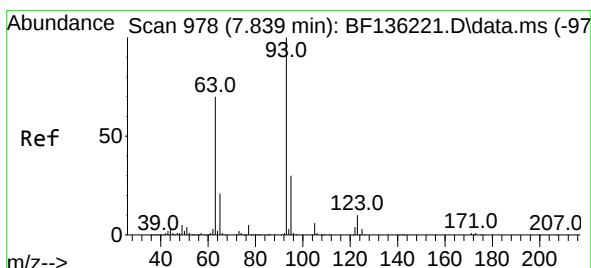
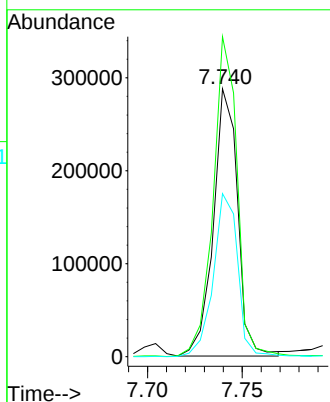
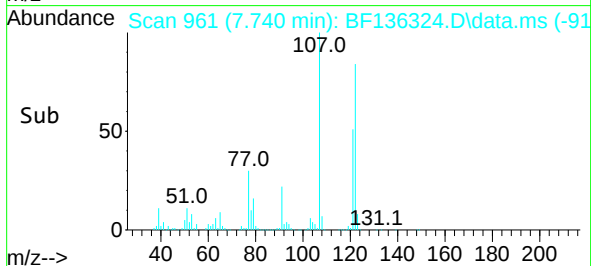
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.5	100.0	150.0
121	60.9	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.658 ng

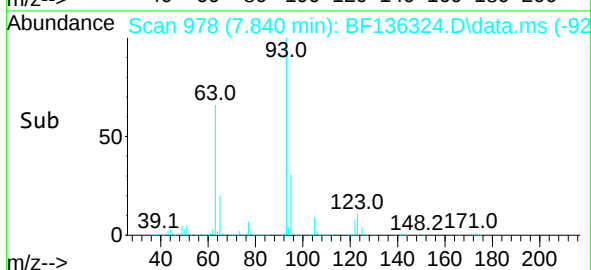
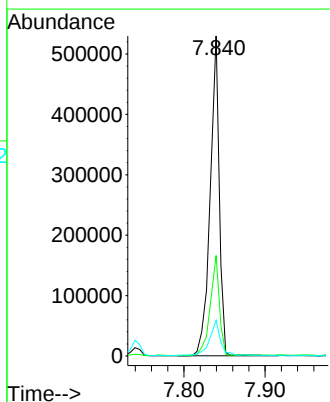
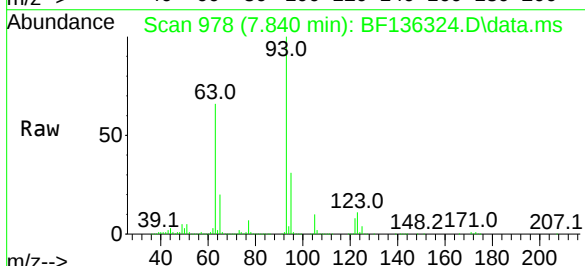
RT: 7.840 min Scan# 978

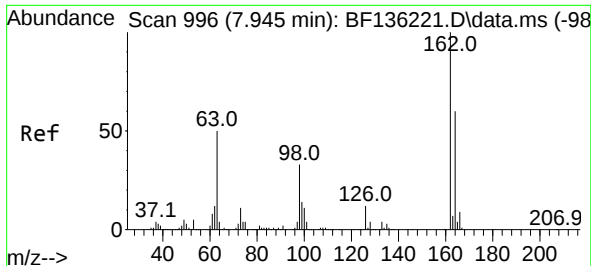
Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	23.8	35.6
123	11.1	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 45.138 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

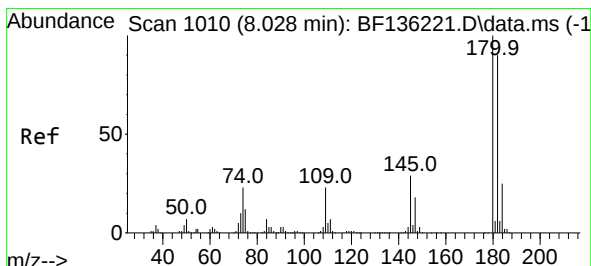
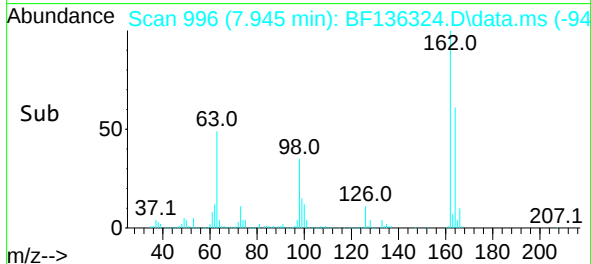
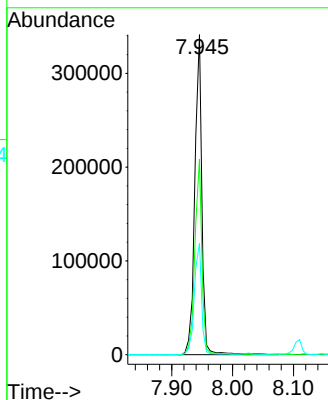
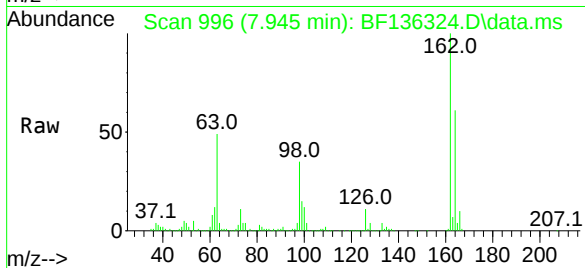
Tgt Ion:162 Resp: 27552
 Ion Ratio Lower Upper
 162 100
 164 61.1 40.3 80.3
 98 34.9 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.045 ng

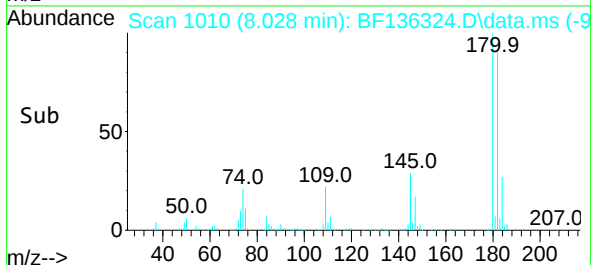
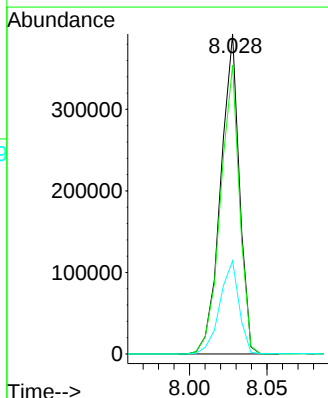
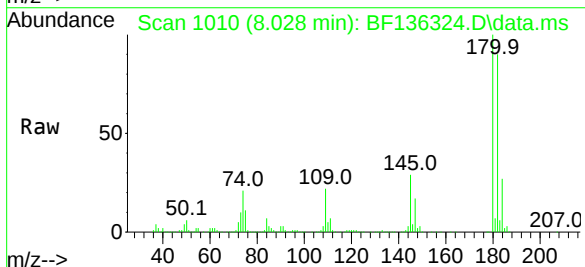
RT: 8.028 min Scan# 1010

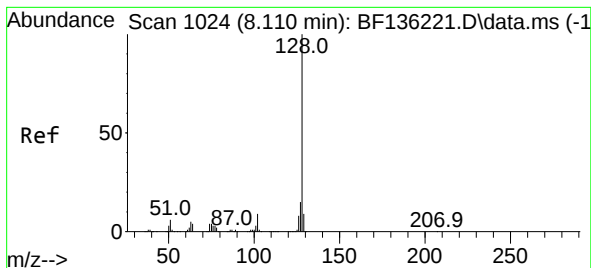
Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

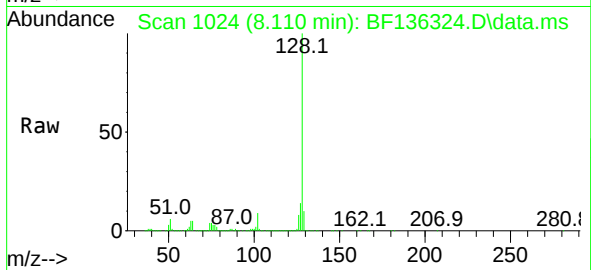
Tgt Ion:180 Resp: 329164
 Ion Ratio Lower Upper
 180 100
 182 90.2 71.6 107.4
 145 29.1 23.0 34.4





#31
Naphthalene
Concen: 44.062 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

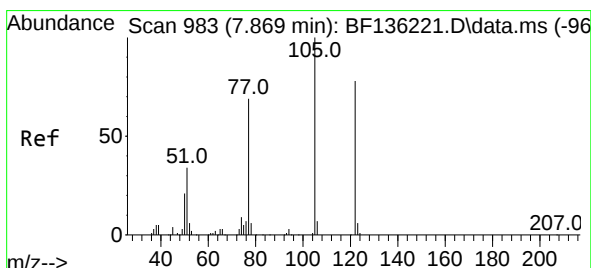
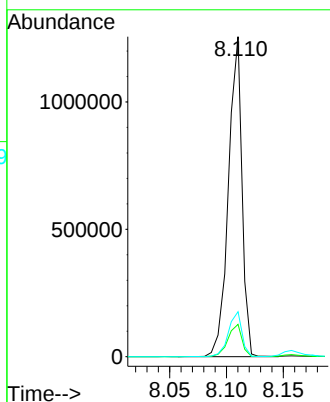
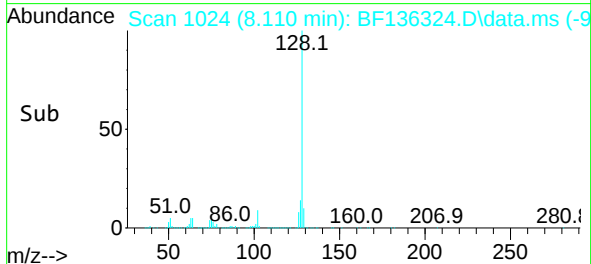
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



Tgt Ion:128 Resp: 1042144
Ion Ratio Lower Upper
128 100
129 10.1 7.3 10.9
127 14.1 11.8 17.6

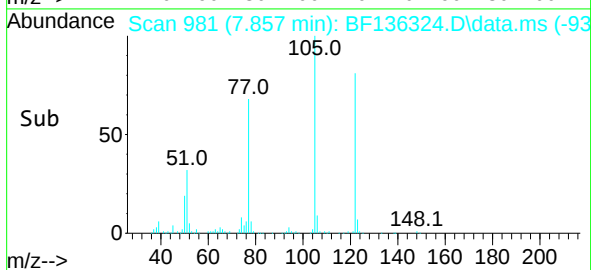
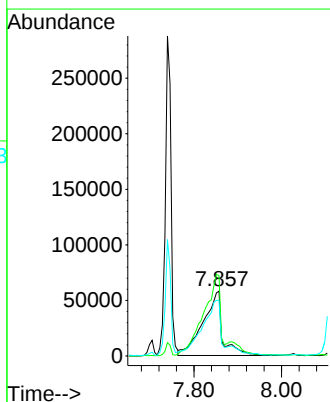
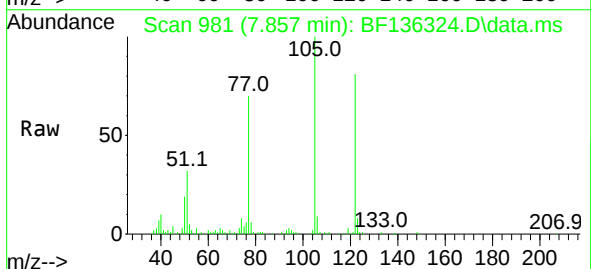
Manual Integrations
APPROVED

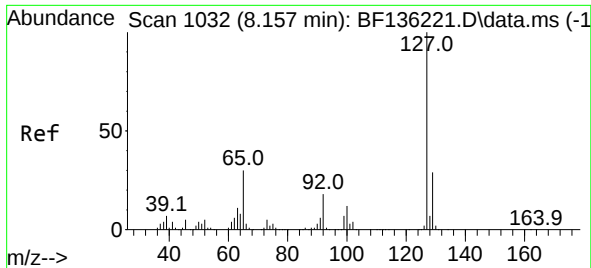
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 43.872 ng m
RT: 7.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:122 Resp: 180945
Ion Ratio Lower Upper
122 100
105 123.5 103.7 143.7
77 85.8 66.8 106.8





#33
4-Chloroaniline
Concen: 3.942 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

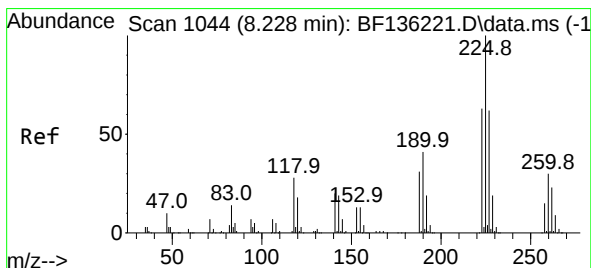
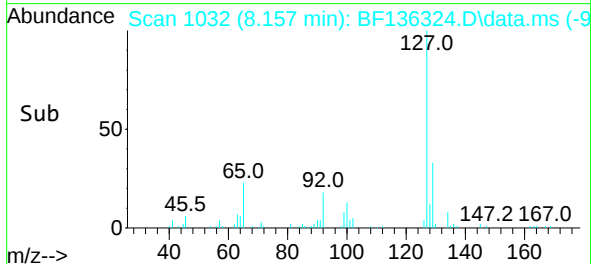
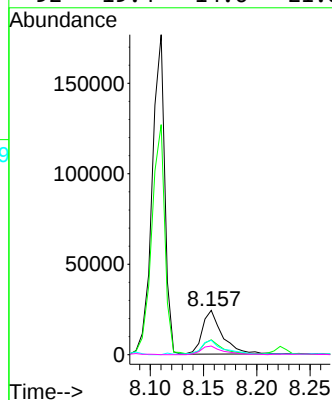
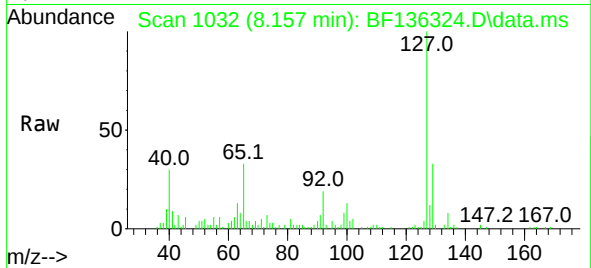
SU-03-112823MSD

Tgt Ion:	127	Resp:	3169
Ion Ratio	Lower	Upper	
127	100		
129	33.5	23.4	35.2
65	32.6	23.8	35.6
92	19.4	14.6	21.8

Manual Integrations

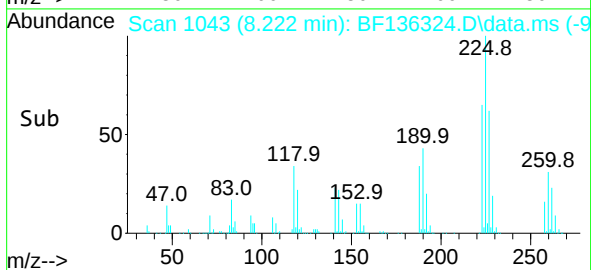
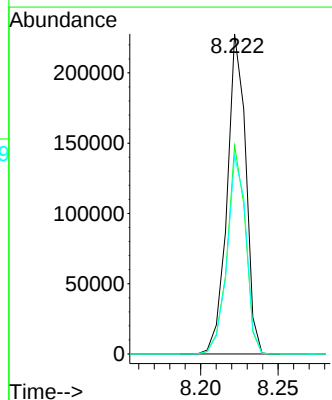
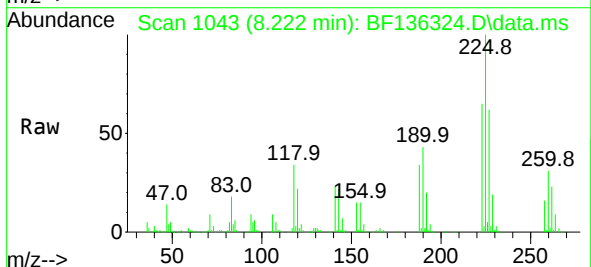
APPROVED

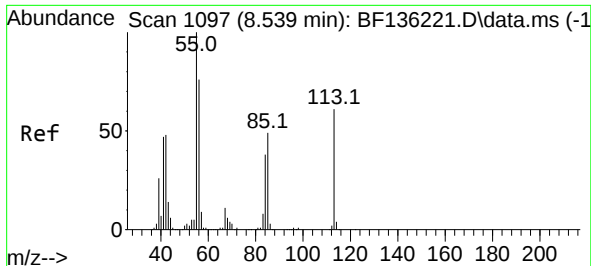
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 43.516 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

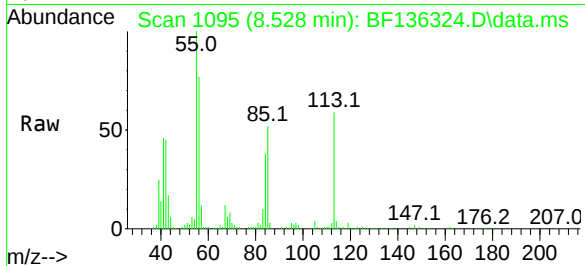
Tgt Ion:	225	Resp:	190260
Ion Ratio	Lower	Upper	
225	100		
223	65.1	50.6	75.8
227	61.9	49.6	74.4





#35
Caprolactam
Concen: 43.963 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

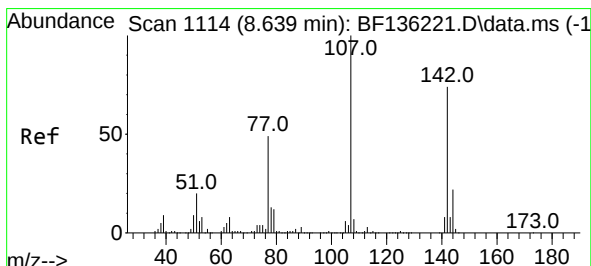
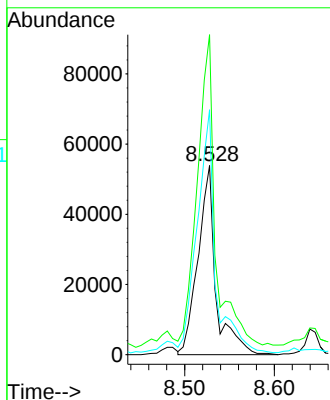
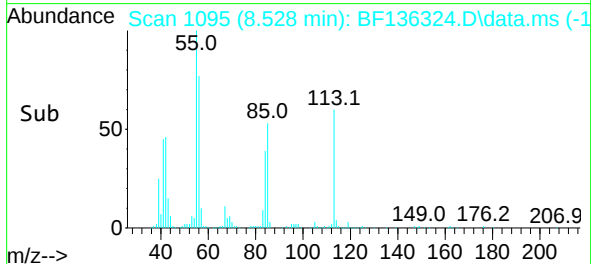
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



Tgt Ion:113 Resp: 75018
Ion Ratio Lower Upper
113 100
55 169.2 143.1 183.1
56 129.5 103.6 143.6

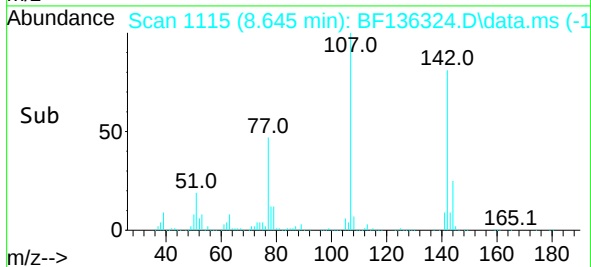
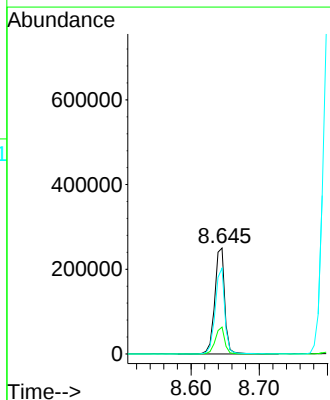
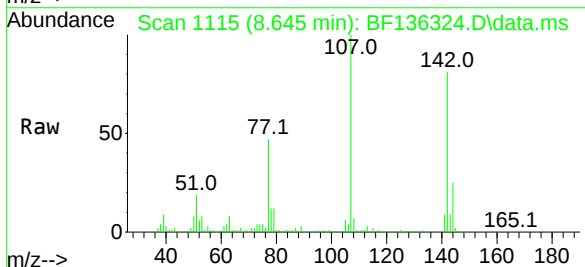
Manual Integrations
APPROVED

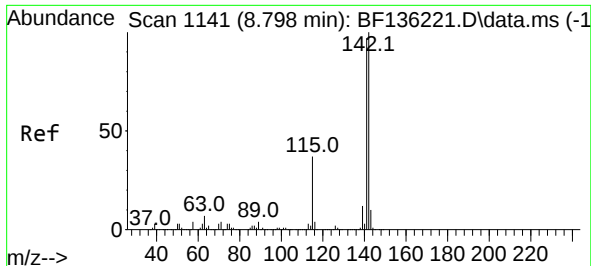
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 38.588 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:107 Resp: 255462
Ion Ratio Lower Upper
107 100
144 25.4 17.8 26.8
142 80.9 59.4 89.0





#37

2-Methylnaphthalene

Concen: 40.642 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

Tgt Ion:142 Resp: 60298

Ion Ratio Lower Upper

142 100

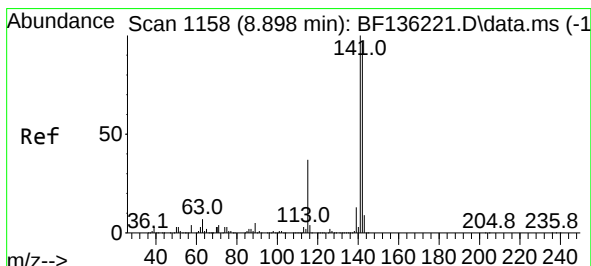
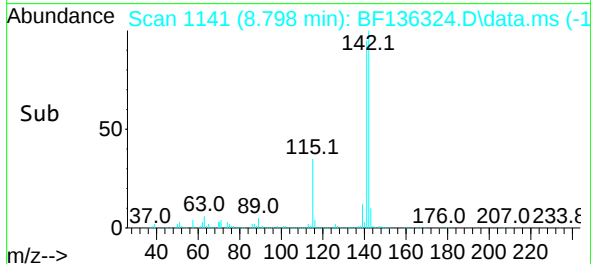
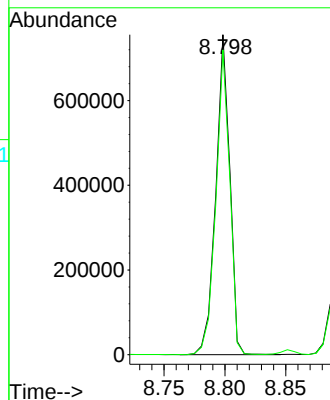
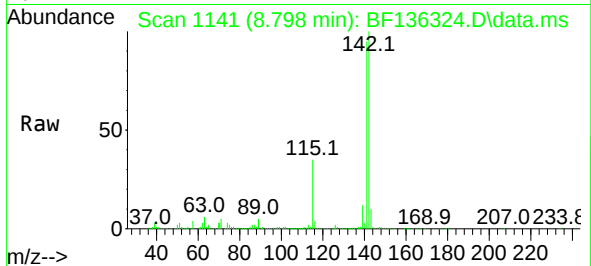
141 95.2 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#38

1-Methylnaphthalene

Concen: 39.501 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136324.D

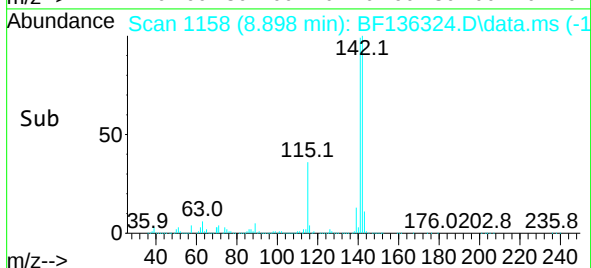
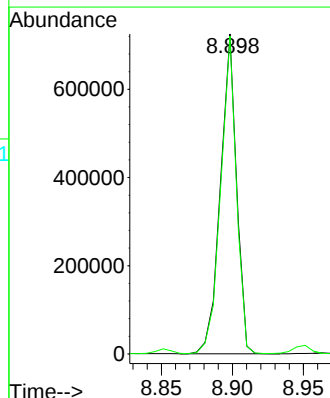
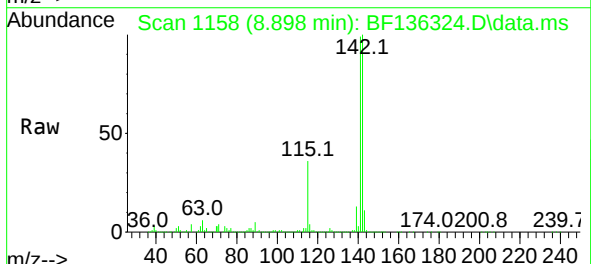
Acq: 30 Nov 2023 20:45

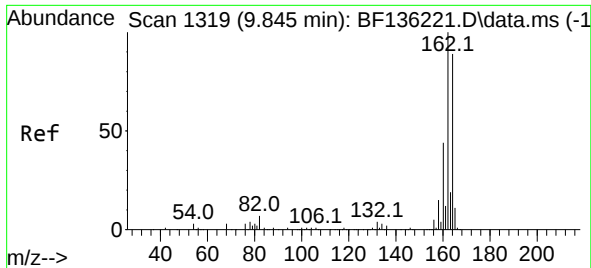
Tgt Ion:142 Resp: 571714

Ion Ratio Lower Upper

142 100

141 99.3 83.8 125.6





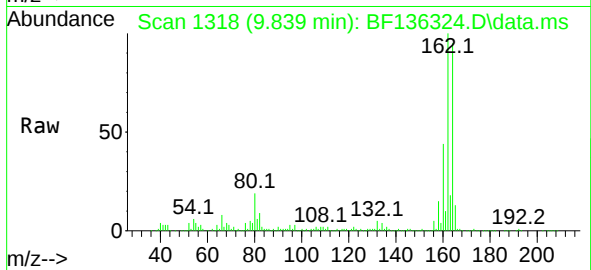
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

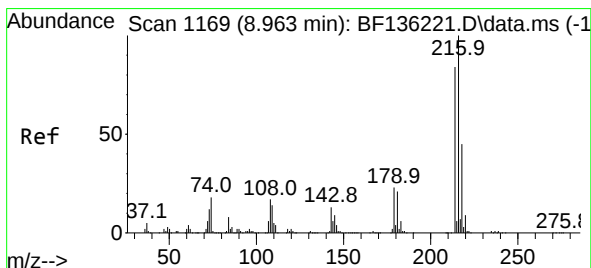
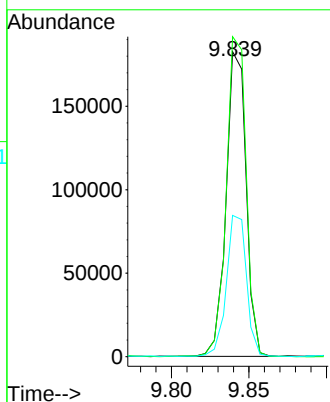
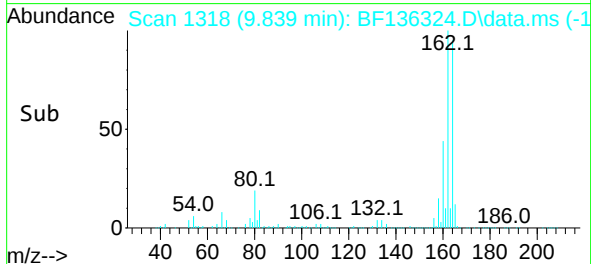


Tgt Ion:164 Resp: 16388
Ion Ratio Lower Upper
164 100
162 104.9 89.5 134.3
160 46.3 39.6 59.4

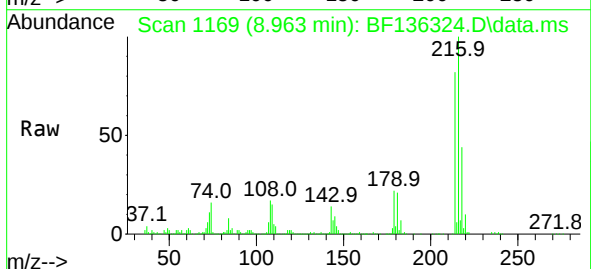
Manual Integrations

APPROVED

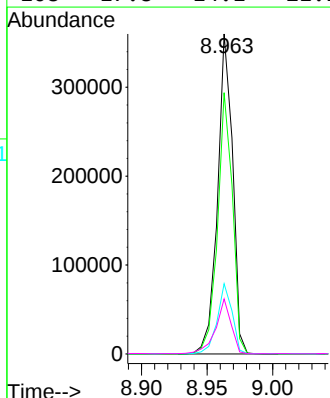
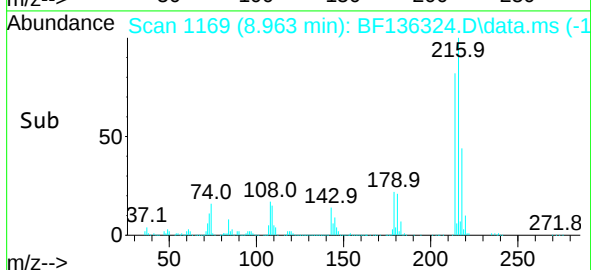
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

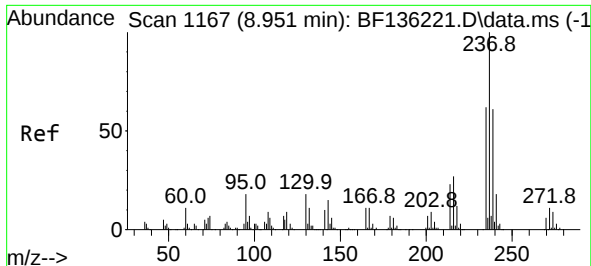


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.955 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:216 Resp: 286622
Ion Ratio Lower Upper
216 100
214 80.6 65.8 98.8
179 21.7 17.4 26.0
108 17.8 14.1 21.1





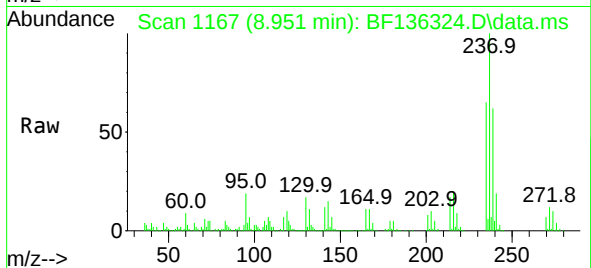
#41
Hexachlorocyclopentadiene
Concen: 67.496 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

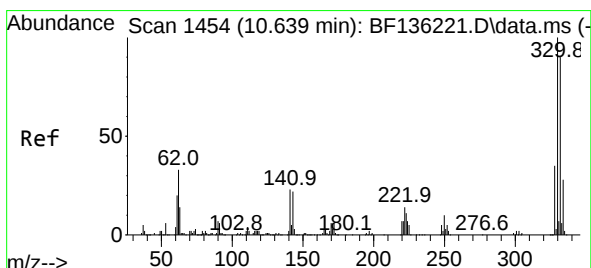
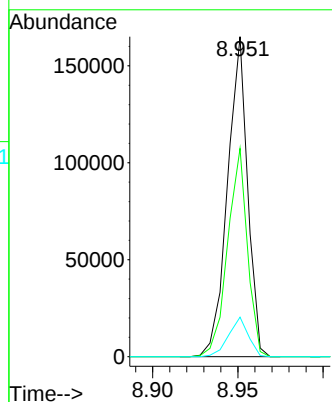
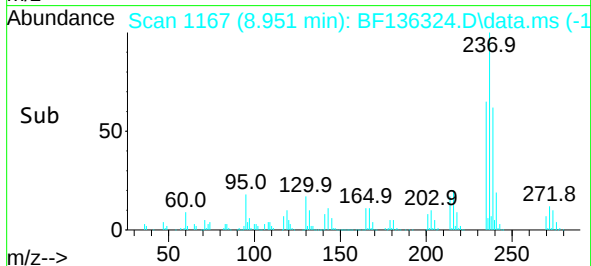


Tgt Ion:237 Resp: 13545
Ion Ratio Lower Upper
237 100
235 65.1 42.1 82.1
272 12.4 0.0 31.0

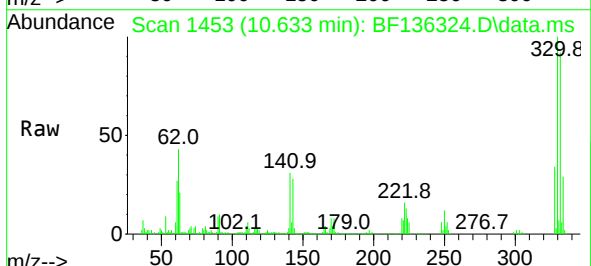
Manual Integrations

APPROVED

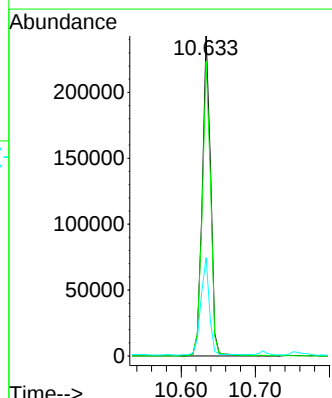
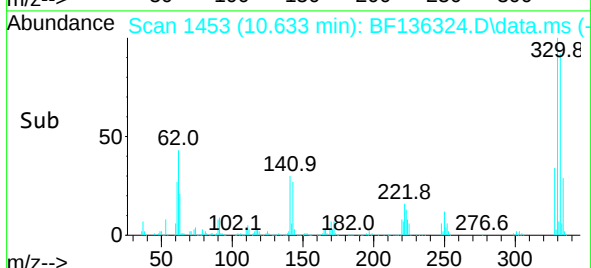
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

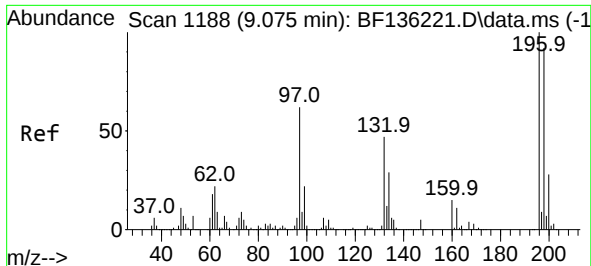


#42
2,4,6-Tribromophenol
Concen: 94.708 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:330 Resp: 189758
Ion Ratio Lower Upper
330 100
332 92.8 73.0 109.6
141 30.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 48.817 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

Tgt Ion:196 Resp: 165258

Ion Ratio Lower Upper

196 100

198 98.8 73.2 109.8

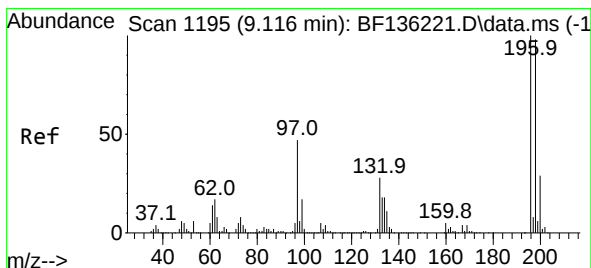
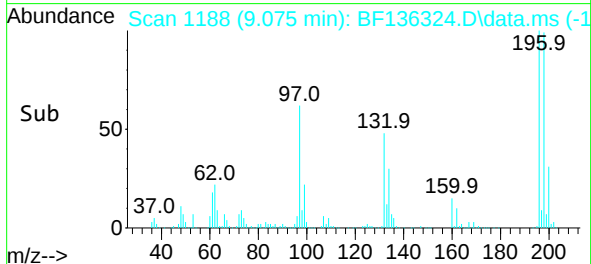
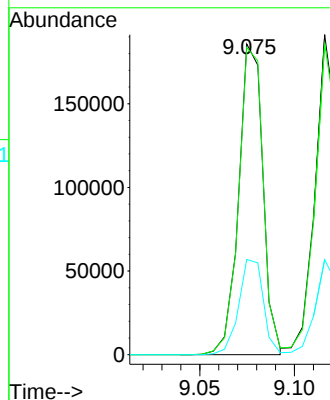
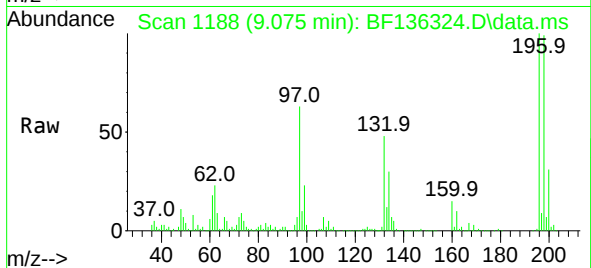
200 30.7 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 45.633 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:196 Resp: 168583

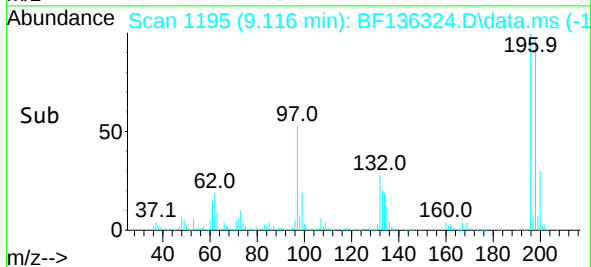
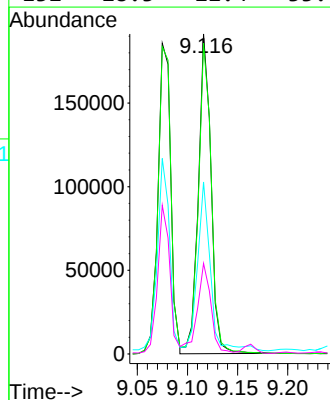
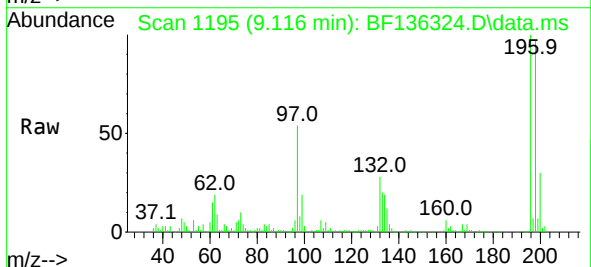
Ion Ratio Lower Upper

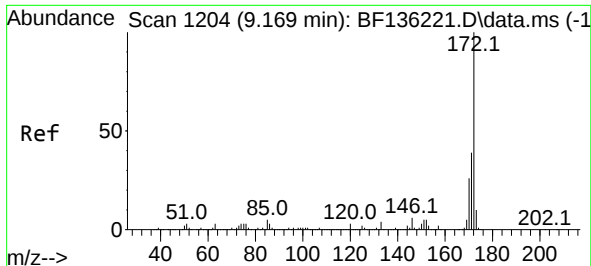
196 100

198 97.1 78.8 118.2

97 53.7 37.8 56.8

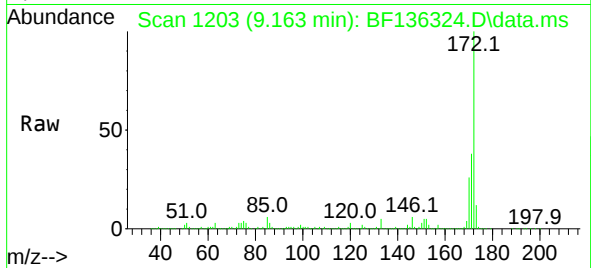
132 28.3 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 79.836 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

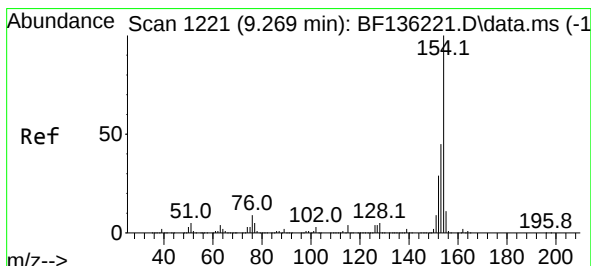
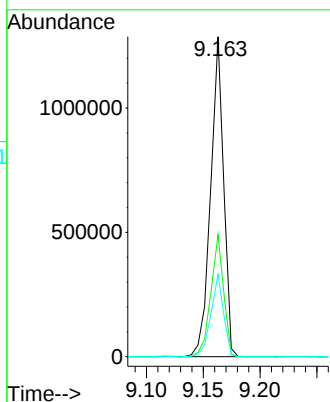
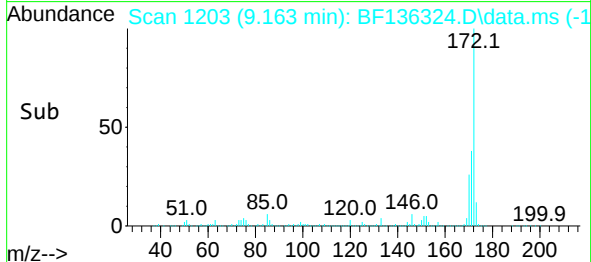
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



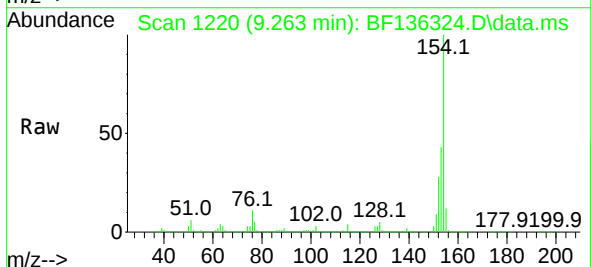
Tgt Ion:172 Resp: 1024328
Ion Ratio Lower Upper
172 100
171 38.2 31.5 47.3
170 25.8 20.8 31.2

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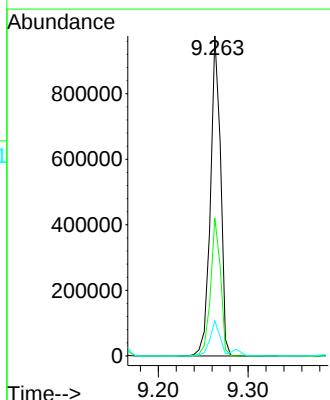
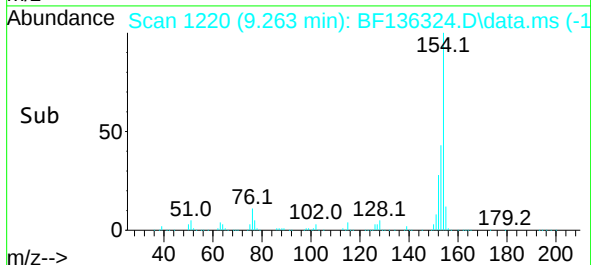
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

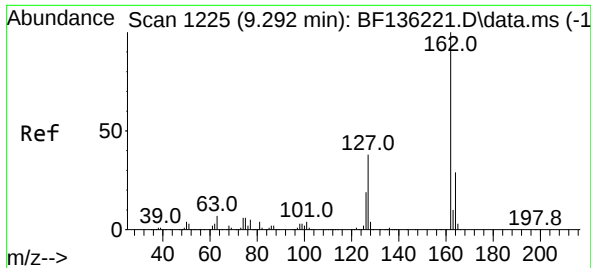


#46
1,1'-Biphenyl
Concen: 52.805 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:154 Resp: 763141
Ion Ratio Lower Upper
154 100
153 43.0 24.6 64.6
76 11.0 0.0 29.4





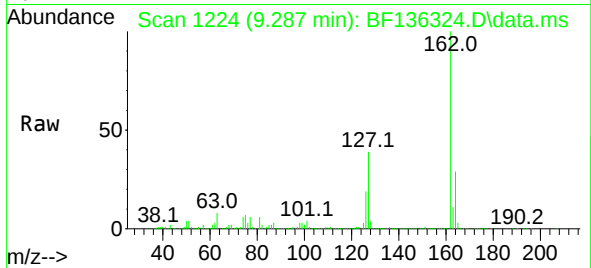
#47
2-Chloronaphthalene
Concen: 48.285 ng
RT: 9.287 min Scan# 1224
Delta R.T. -0.005 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD



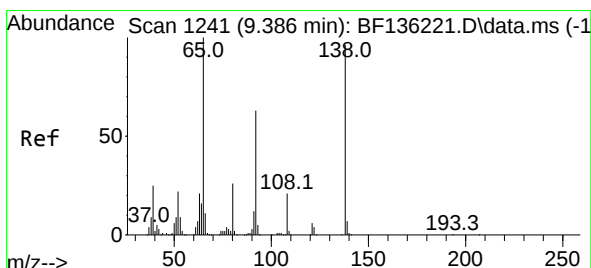
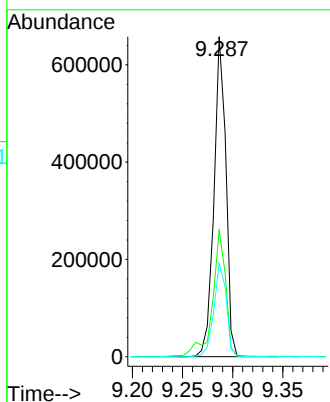
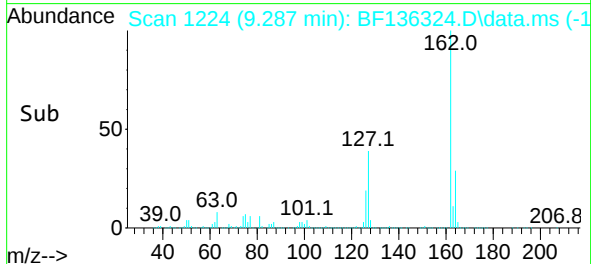
Tgt Ion:162 Resp: 541915
Ion Ratio Lower Upper
162 100
127 39.4 30.2 45.2
164 29.2 22.8 34.2

Manual Integrations

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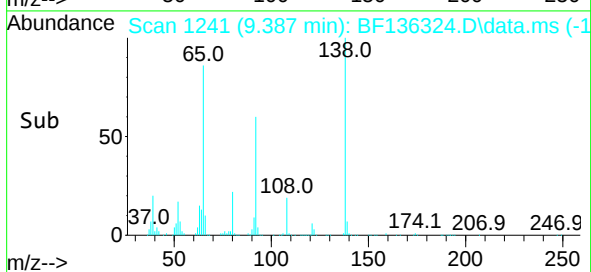
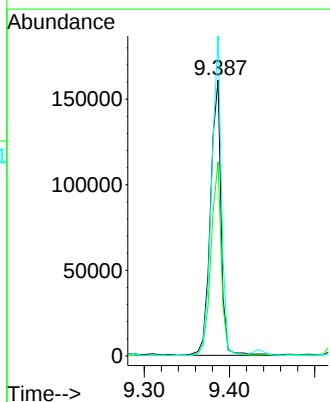
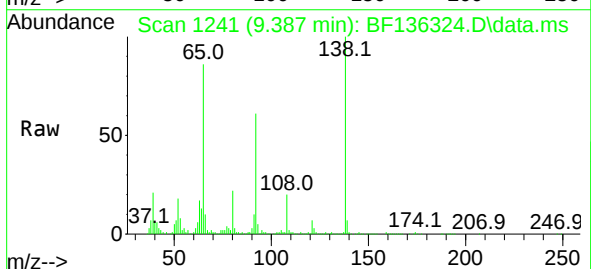
Reviewed By :Yogesh Patel 12/01/2023

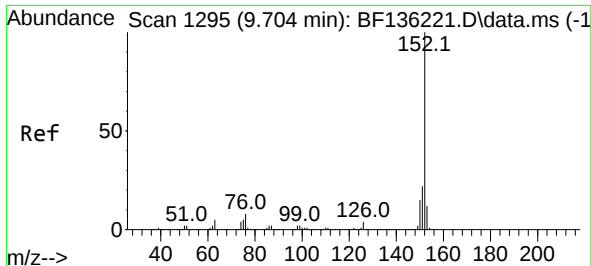
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 47.422 ng
RT: 9.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

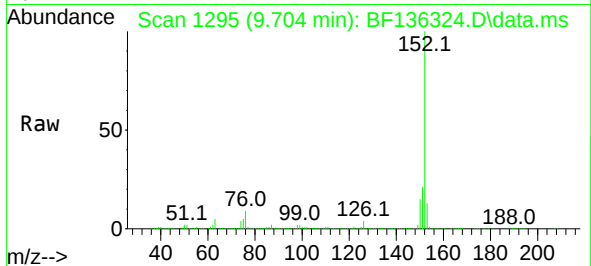
Tgt Ion: 65 Resp: 138955
Ion Ratio Lower Upper
65 100
92 70.3 50.6 75.8
138 115.9 76.7 115.1#





#49
Acenaphthylene
Concen: 50.064 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

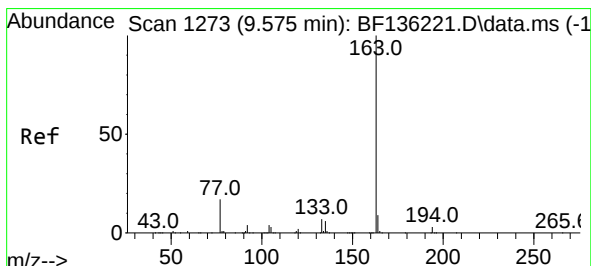
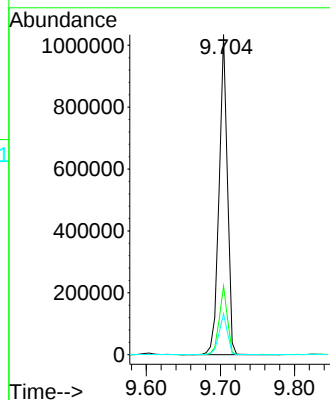
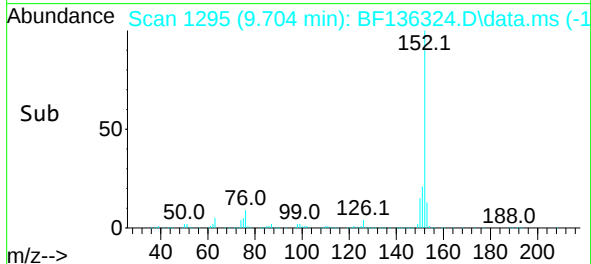
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



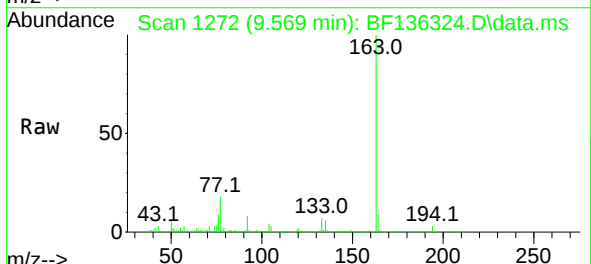
Tgt Ion:152 Resp: 801835
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 12.8 9.6 14.4

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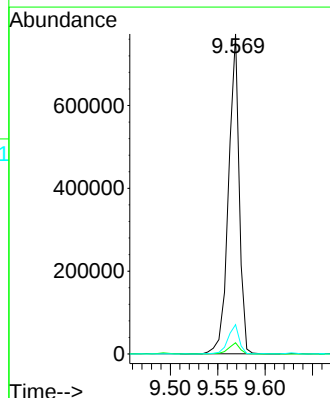
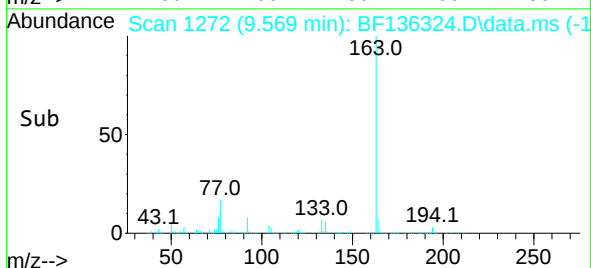
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

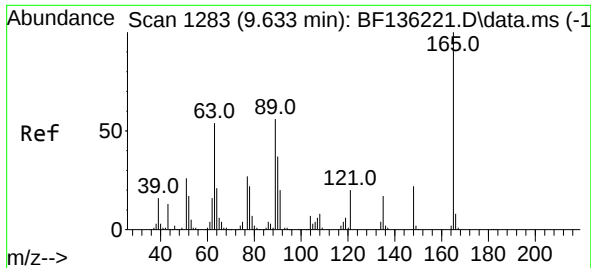


#50
Dimethylphthalate
Concen: 48.965 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:163 Resp: 606504
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.1 7.0 10.6





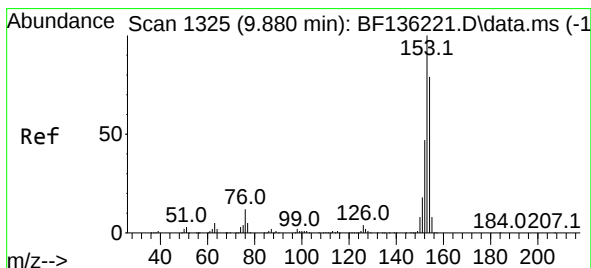
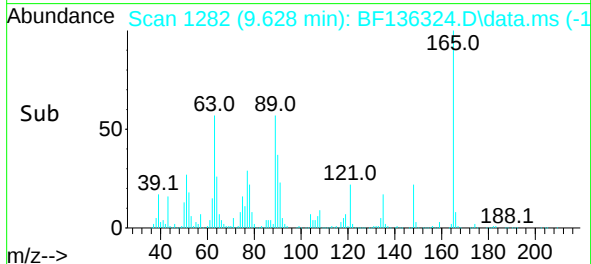
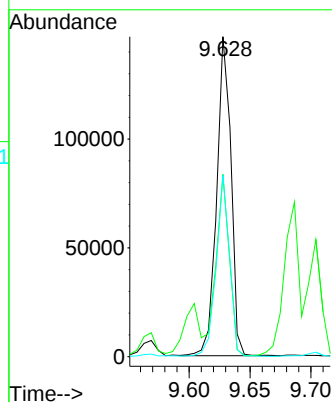
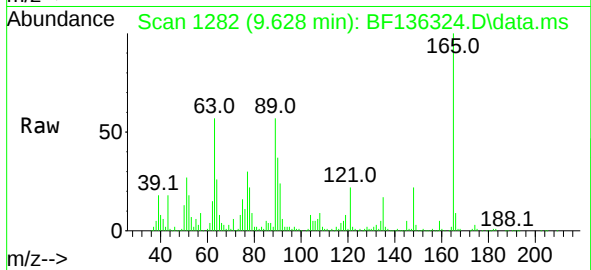
#51
2,6-Dinitrotoluene
Concen: 47.528 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD

Tgt Ion:165 Resp: 120269
Ion Ratio Lower Upper
165 100
63 57.0 46.2 69.2
89 56.7 44.9 67.3

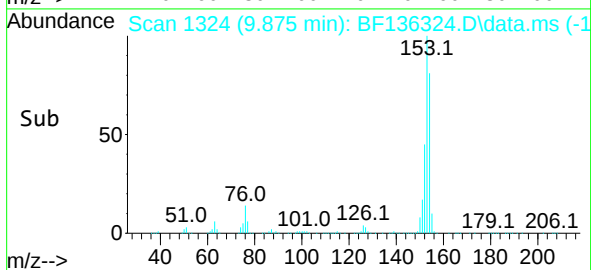
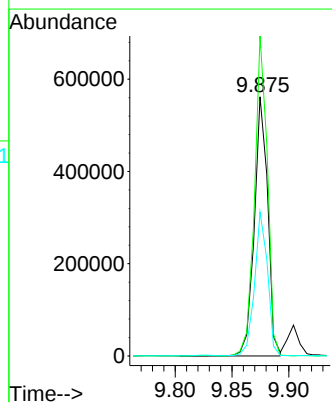
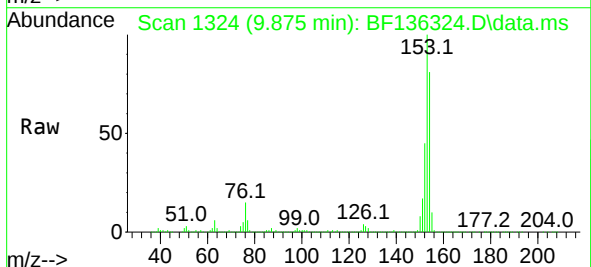
Manual Integrations
APPROVED

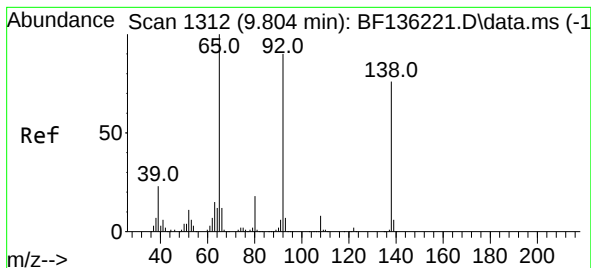
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 45.454 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:154 Resp: 460062
Ion Ratio Lower Upper
154 100
153 123.4 100.8 151.2
152 55.6 47.0 70.6





#53
3-Nitroaniline
Concen: 23.512 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

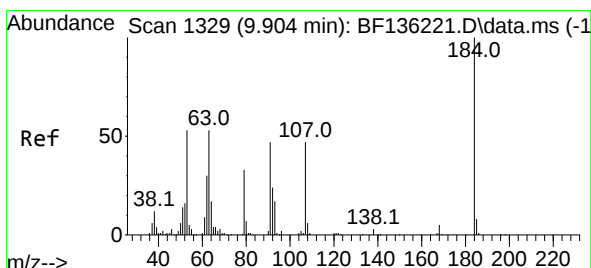
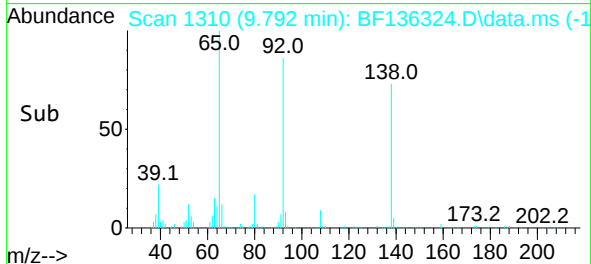
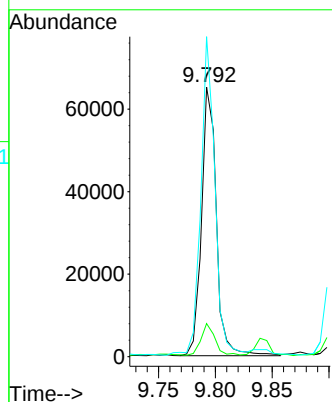
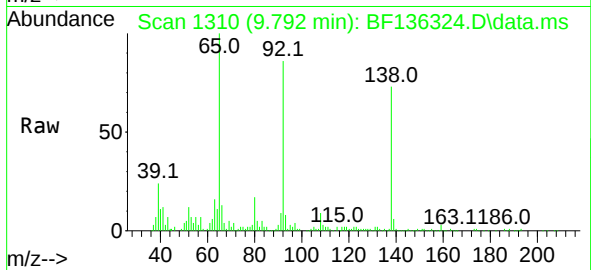
SU-03-112823MSD

Tgt Ion:138 Resp: 59034
Ion Ratio Lower Upper
138 100
108 12.3 8.7 13.1
92 118.7 94.2 141.4

Manual Integrations

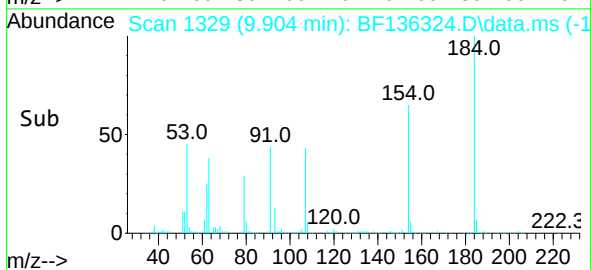
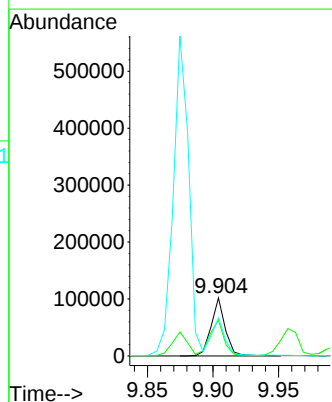
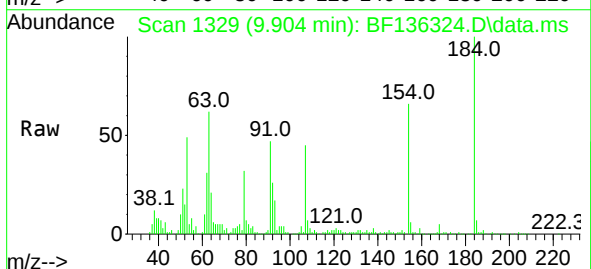
APPROVED

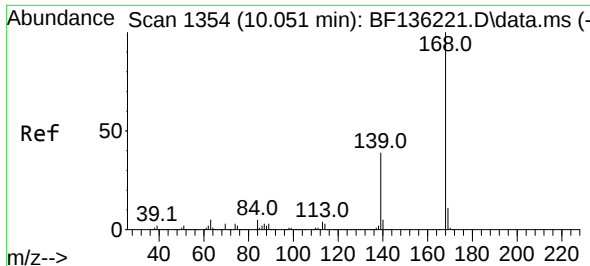
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 64.976 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

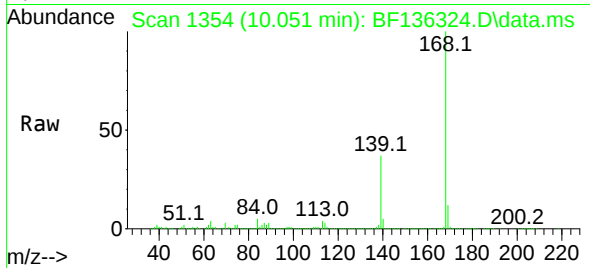
Tgt Ion:184 Resp: 76470
Ion Ratio Lower Upper
184 100
63 62.0 55.0 82.4
154 65.6 54.9 82.3





#55
Dibenzenofuran
Concen: 43.834 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

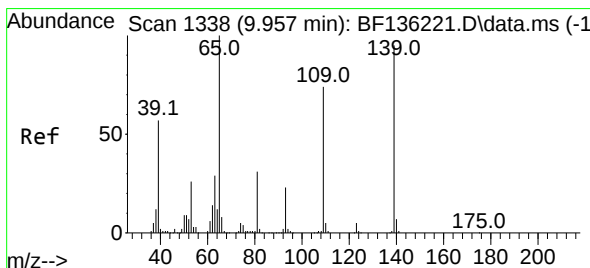
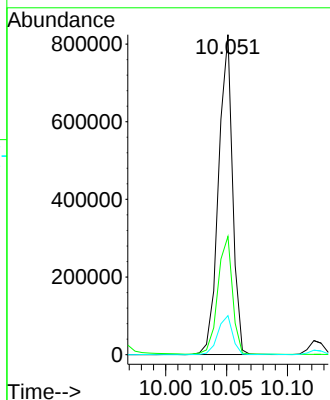
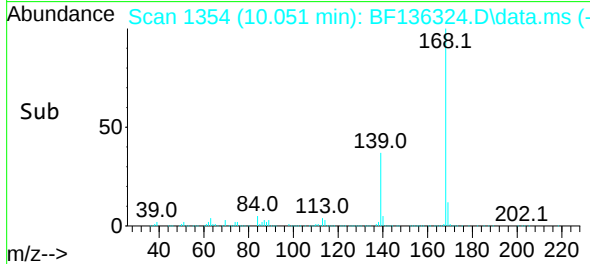
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



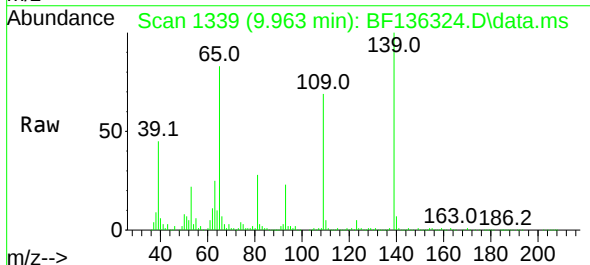
Tgt Ion:168 Resp: 66018
Ion Ratio Lower Upper
168 100
139 36.9 30.9 46.3
169 12.2 9.1 13.7

Manual Integrations
APPROVED

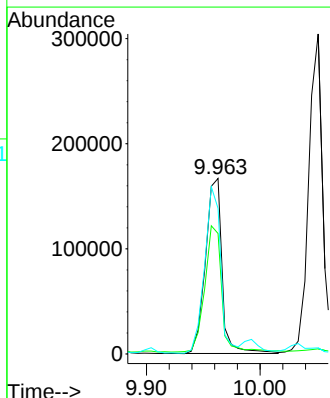
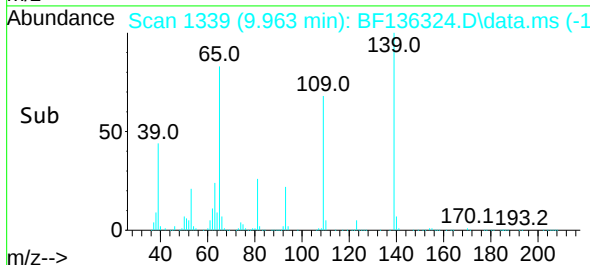
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

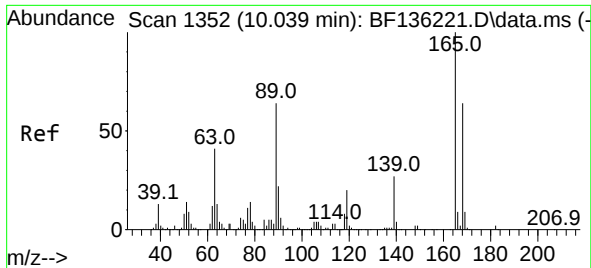


#56
4-Nitrophenol
Concen: 88.853 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:139 Resp: 169441
Ion Ratio Lower Upper
139 100
109 68.6 57.8 97.8
65 83.0 86.0 126.0#





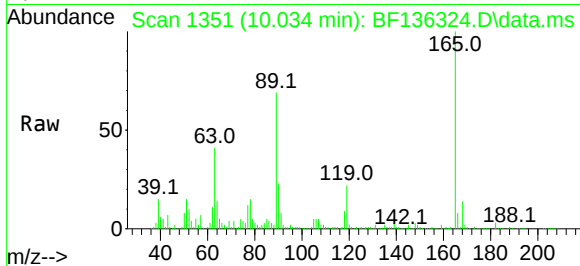
#57
2,4-Dinitrotoluene
Concen: 42.852 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD



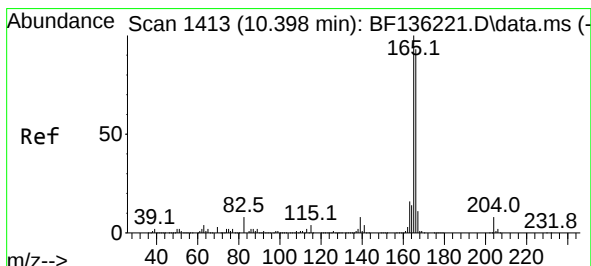
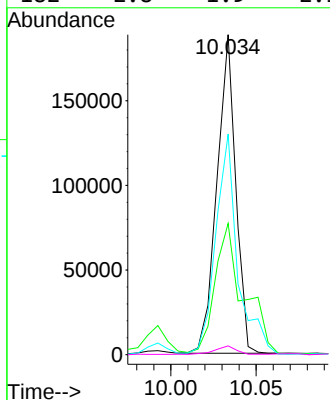
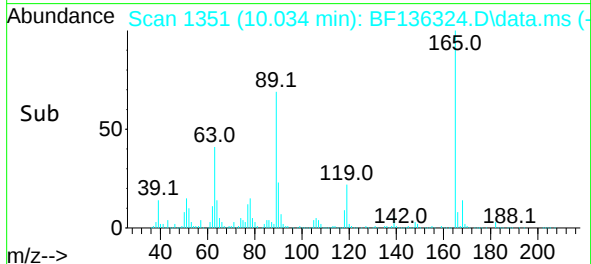
Tgt Ion:165 Resp: 14484
Ion Ratio Lower Upper
165 100
63 41.0 33.0 49.4
89 68.9 51.5 77.3
182 2.8 1.9 2.9

Manual Integrations

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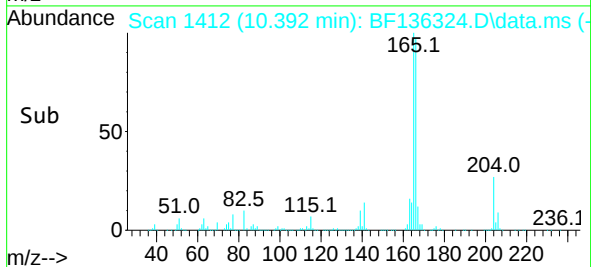
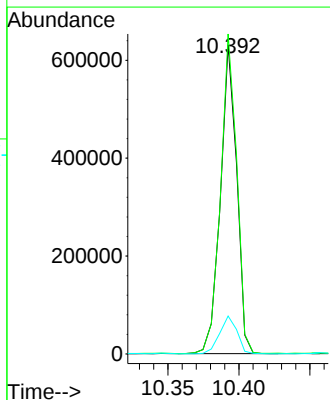
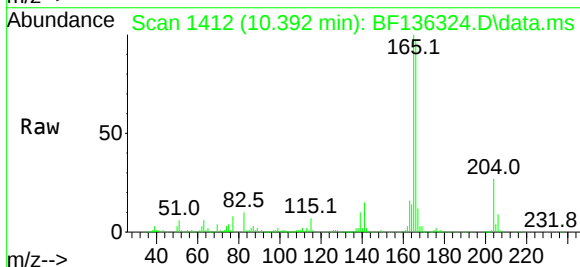
Reviewed By :Yogesh Patel 12/01/2023

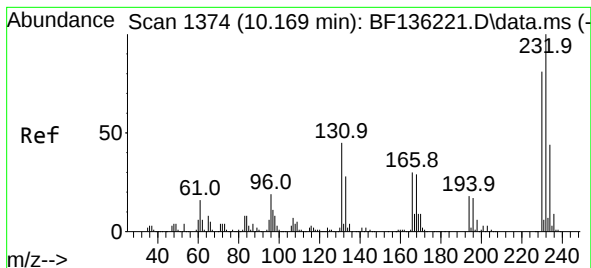
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 42.498 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:166 Resp: 502066
Ion Ratio Lower Upper
166 100
165 103.5 86.2 129.4
167 12.3 9.1 13.7





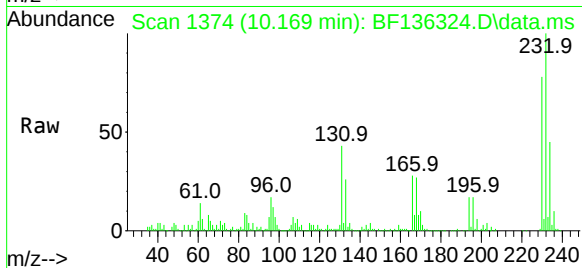
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.080 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

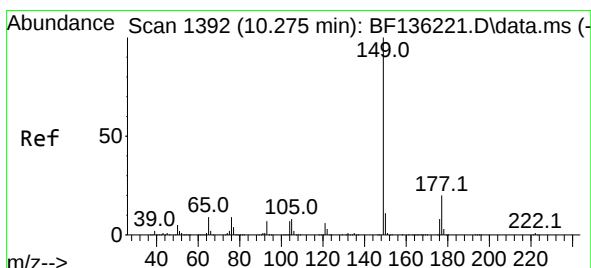
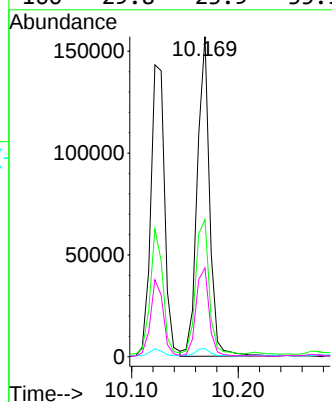
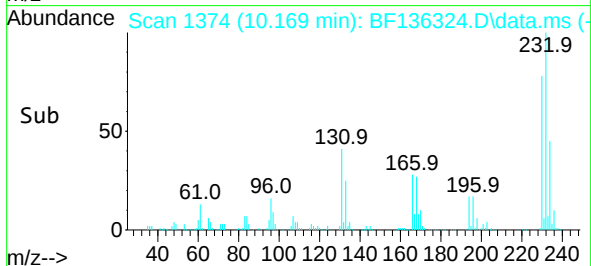


Tgt Ion:232 Resp: 126629
Ion Ratio Lower Upper
232 100
131 46.0 36.4 54.6
130 2.8 1.9 2.9
166 29.8 23.9 35.9

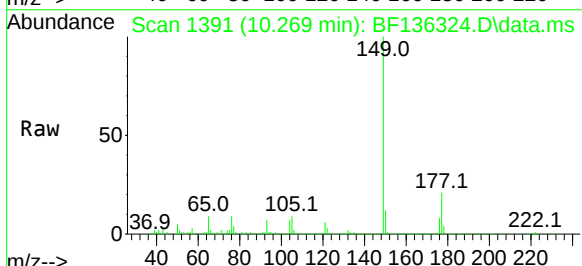
Manual Integrations

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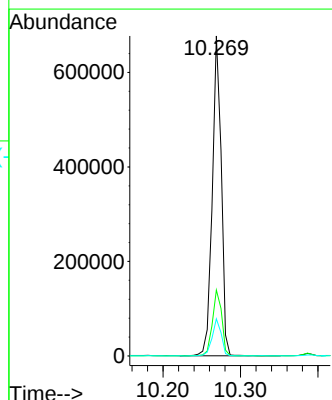
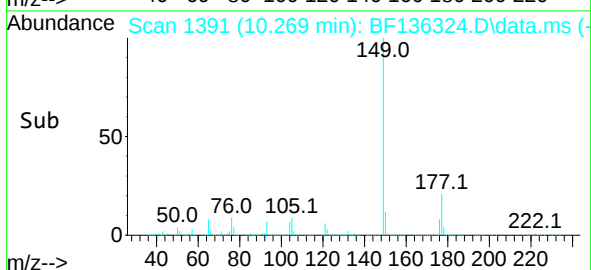
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

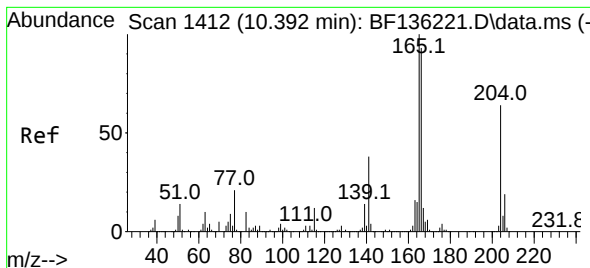


#60
Diethylphthalate
Concen: 43.810 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:149 Resp: 542824
Ion Ratio Lower Upper
149 100
177 20.6 15.8 23.6
150 11.6 8.8 13.2





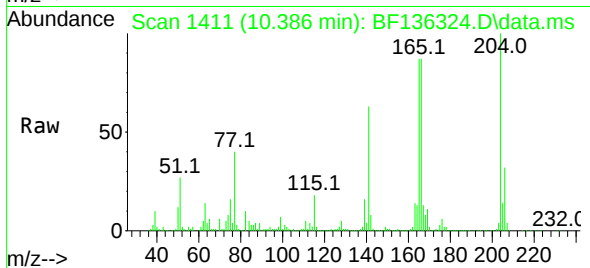
#61
4-Chlorophenyl-phenylether
Concen: 42.847 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

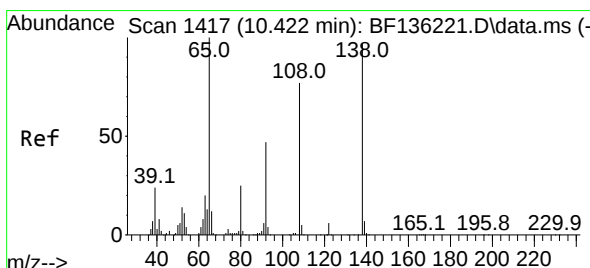
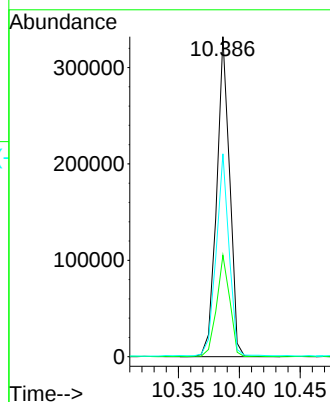
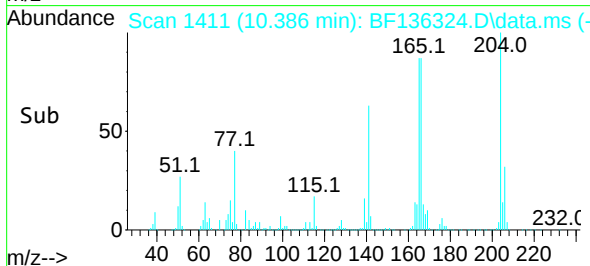


Tgt Ion:204 Resp: 24582
Ion Ratio Lower Upper
204 100
206 31.7 23.4 35.0
141 63.4 47.6 71.4

Manual Integrations

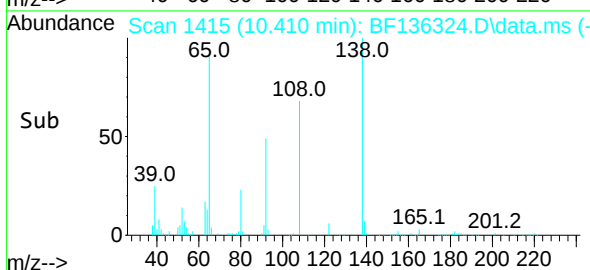
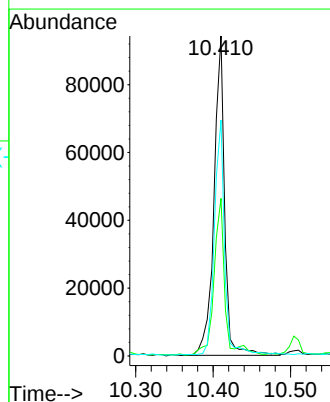
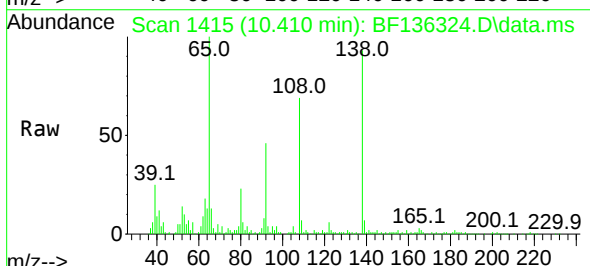
APPROVED

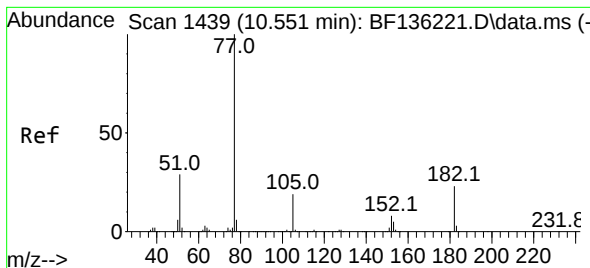
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 36.874 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

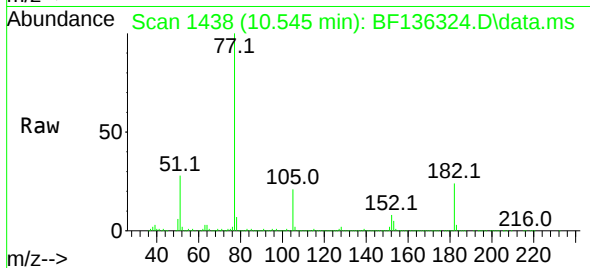
Tgt Ion:138 Resp: 90625
Ion Ratio Lower Upper
138 100
92 49.2 28.5 68.5
108 73.7 59.8 99.8





#63
Azobenzene
Concen: 40.537 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

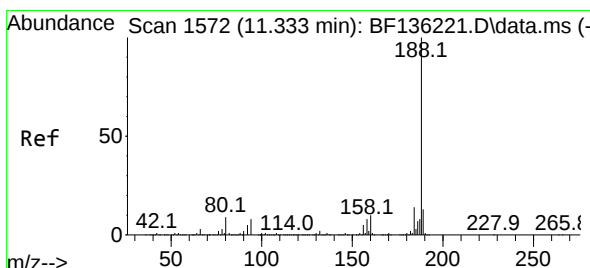
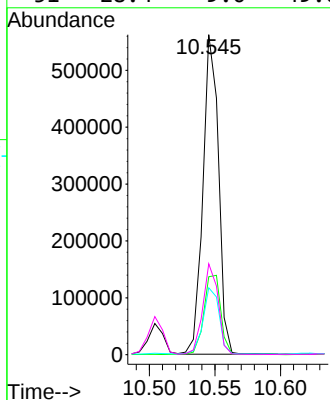
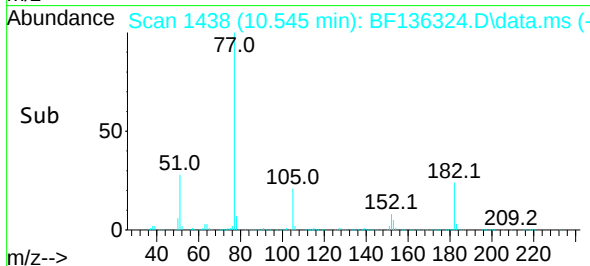
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



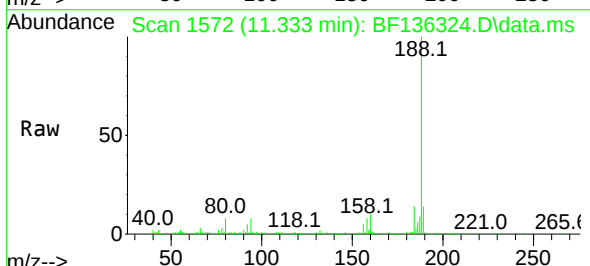
Tgt Ion: 77 Resp: 465650
Ion Ratio Lower Upper
77 100
182 24.3 3.3 43.3
105 20.9 0.0 39.5
51 28.4 9.0 49.0

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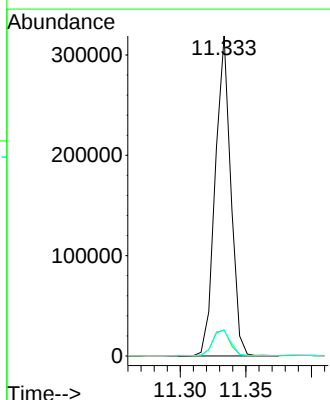
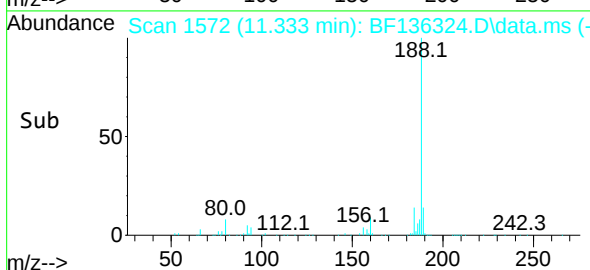
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

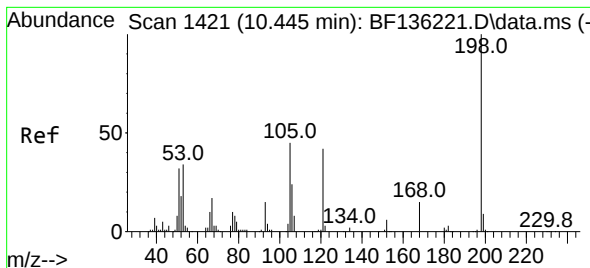


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



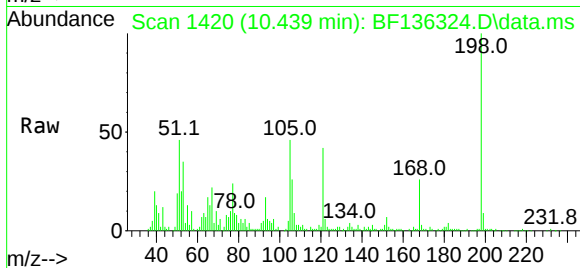
Tgt Ion:188 Resp: 262536
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.1 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 37.187 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

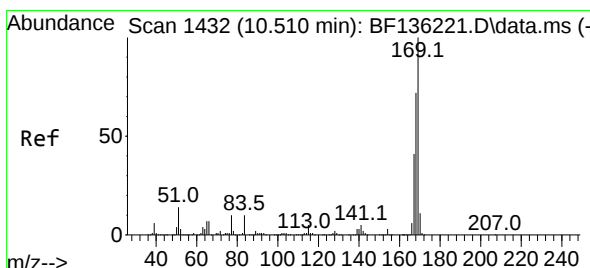
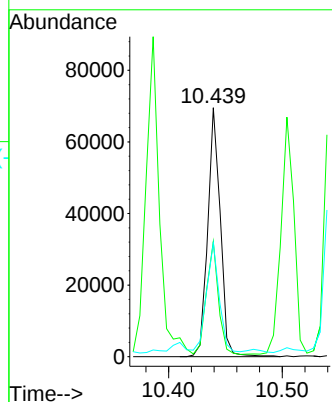
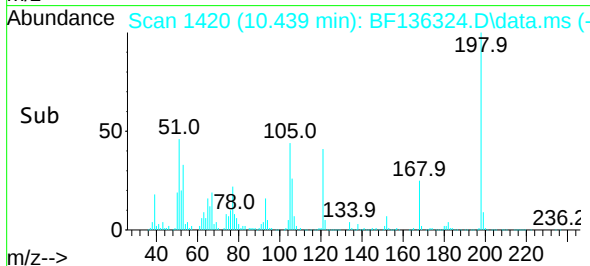
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



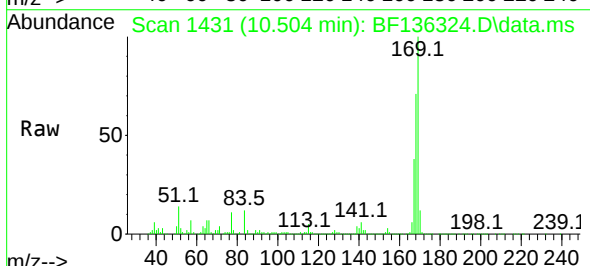
Tgt Ion:198 Resp: 53389
Ion Ratio Lower Upper
198 100
51 46.2 28.2 68.2
105 45.8 25.7 65.7

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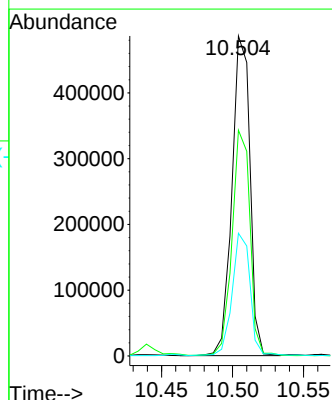
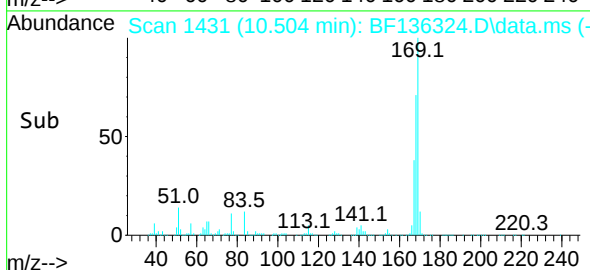
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

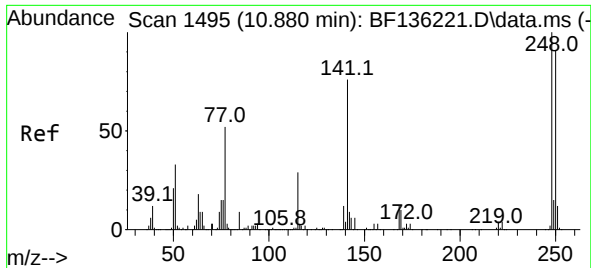


#66
n-Nitrosodiphenylamine
Concen: 50.824 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



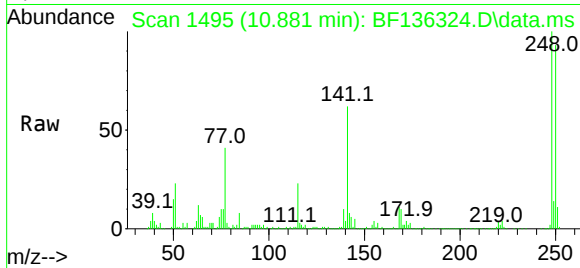
Tgt Ion:169 Resp: 427598
Ion Ratio Lower Upper
169 100
168 70.5 57.8 86.6
167 38.3 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 46.859 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

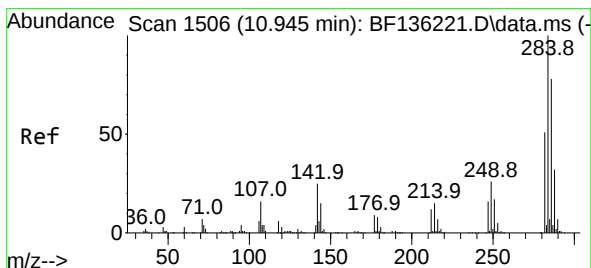
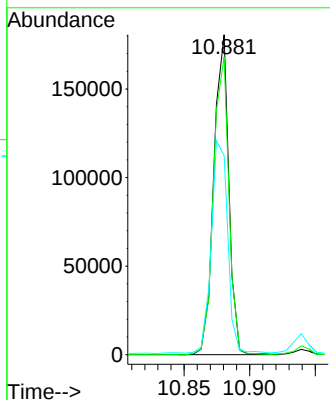
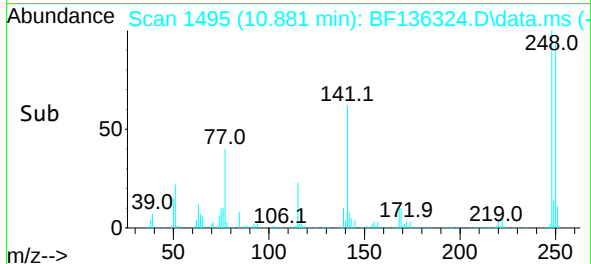
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



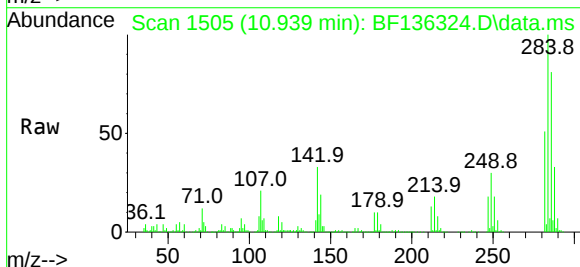
Tgt Ion:248 Resp: 143529
Ion Ratio Lower Upper
248 100
250 93.1 72.5 108.7
141 62.3 60.8 91.2

Manual Integrations
APPROVED

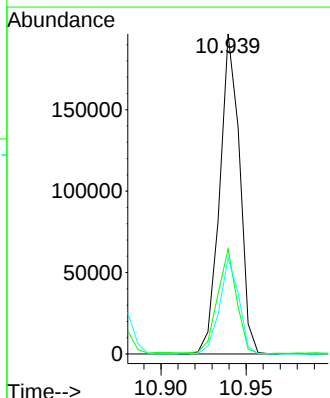
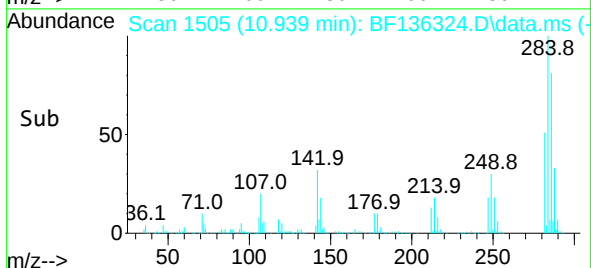
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

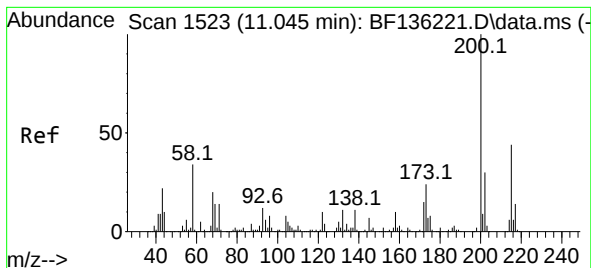


#68
Hexachlorobenzene
Concen: 45.013 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45



Tgt Ion:284 Resp: 159567
Ion Ratio Lower Upper
284 100
142 32.9 19.8 29.8#
249 29.9 21.0 31.4





#69

Atrazine

Concen: 59.458 ng

RT: 11.039 min Scan# 11039

Delta R.T. -0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

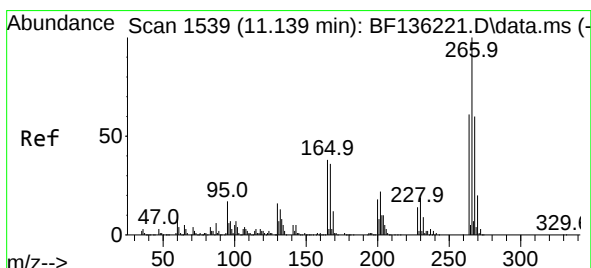
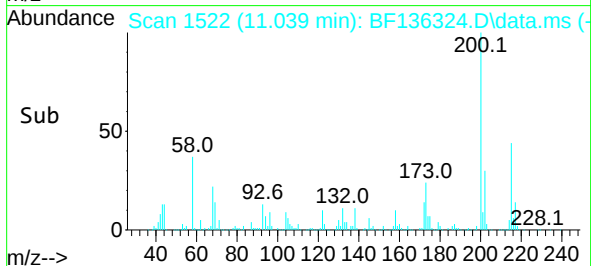
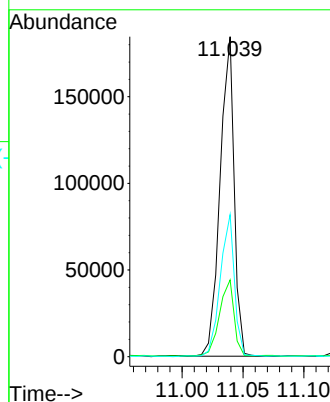
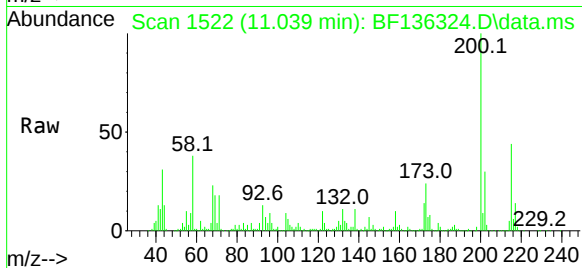
Tgt Ion:200 Resp: 148394
 Ion Ratio Lower Upper
 200 100
 173 24.0 4.3 44.3
 215 44.4 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 95.650 ng

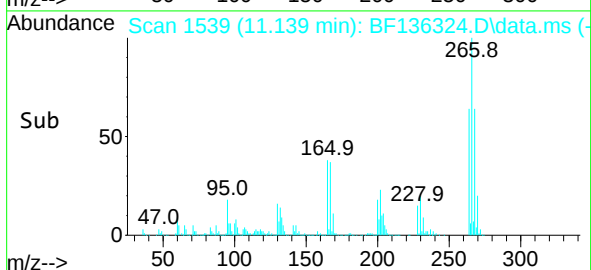
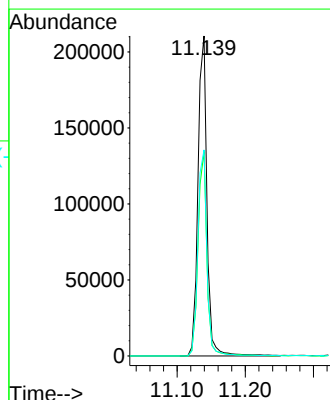
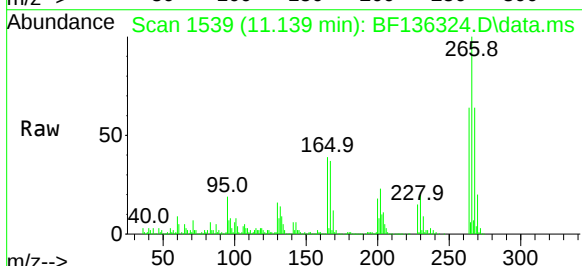
RT: 11.139 min Scan# 1539

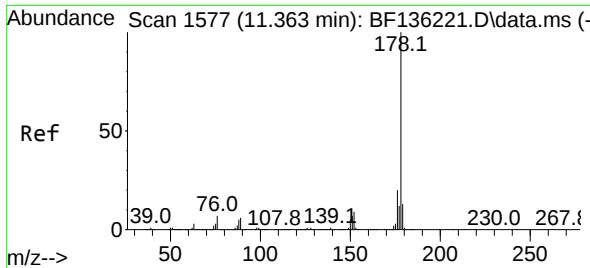
Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:266 Resp: 191662
 Ion Ratio Lower Upper
 266 100
 268 64.0 47.9 71.9
 264 64.4 49.1 73.7





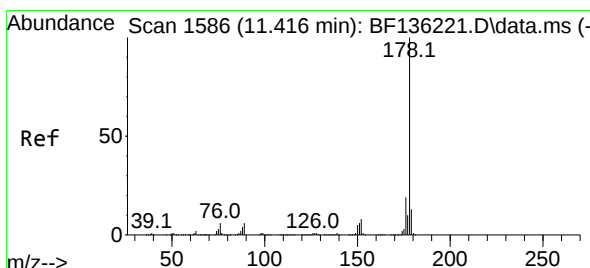
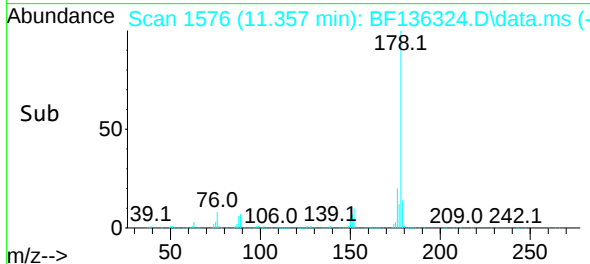
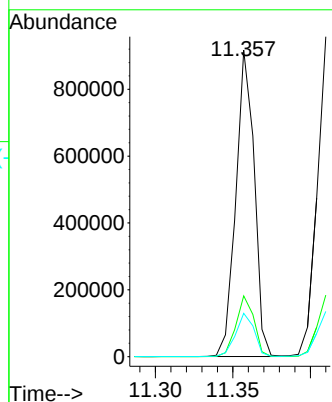
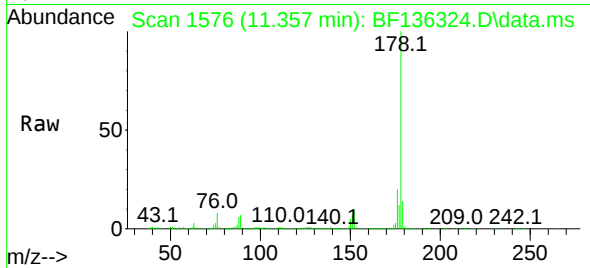
#71
Phenanthrene
Concen: 51.240 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD

Tgt Ion:178 Resp: 756085
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 14.1 10.3 15.5

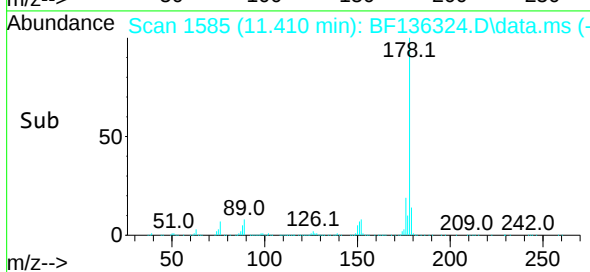
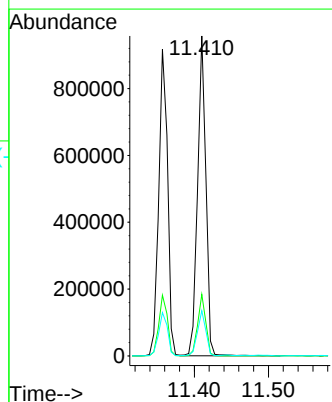
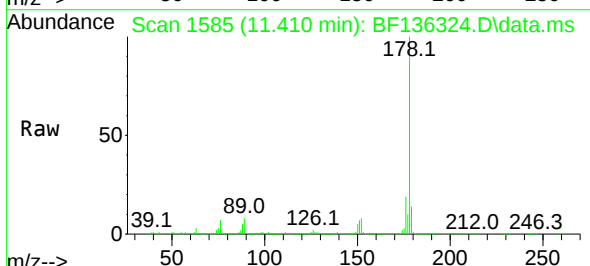
Manual Integrations
APPROVED

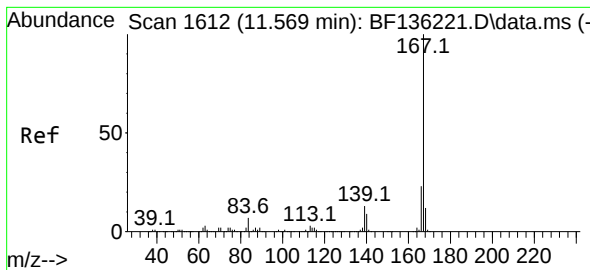
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 50.332 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

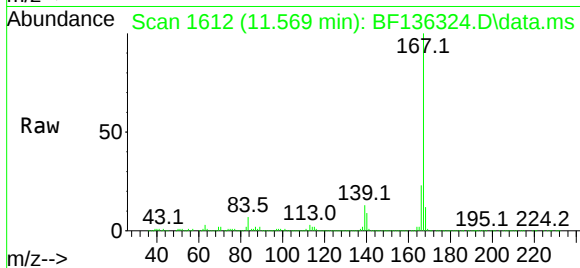
Tgt Ion:178 Resp: 744780
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 14.1 10.5 15.7





#73
 Carbazole
 Concen: 50.637 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

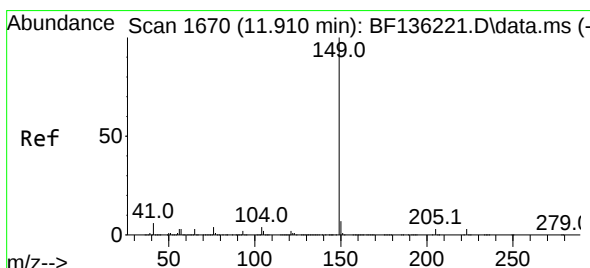
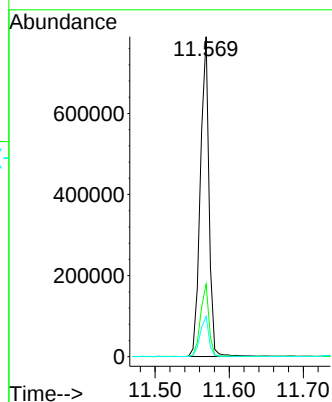
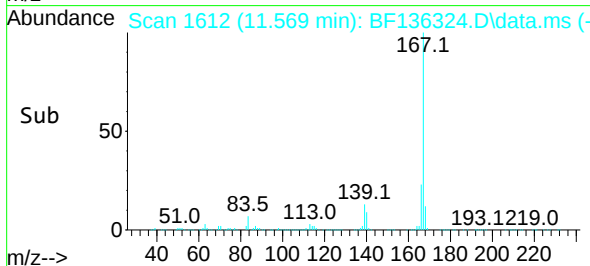
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823MSD



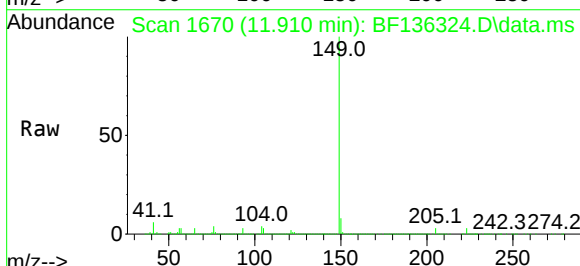
Tgt Ion:167 Resp: 637270
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.6 10.5 15.7

Manual Integrations
 APPROVED

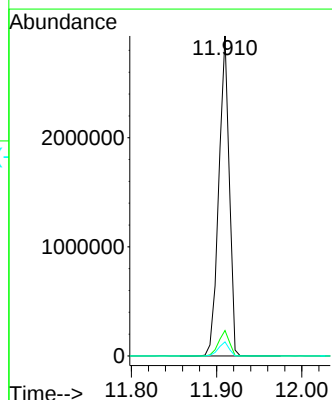
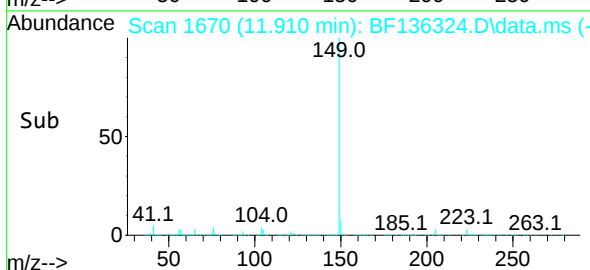
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

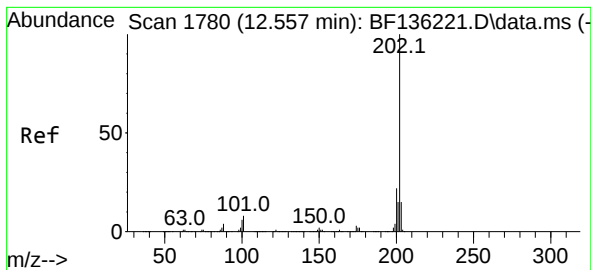


#74
 Di-n-butylphthalate
 Concen: 158.003 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45



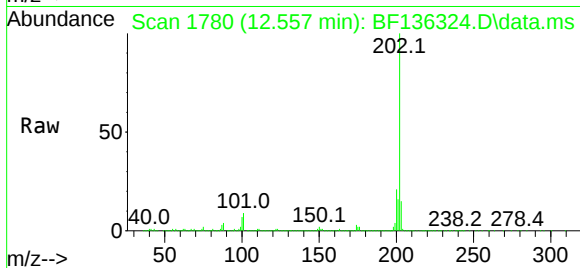
Tgt Ion:149 Resp: 2488045
 Ion Ratio Lower Upper
 149 100
 150 7.9 6.0 9.0
 104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 63.188 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

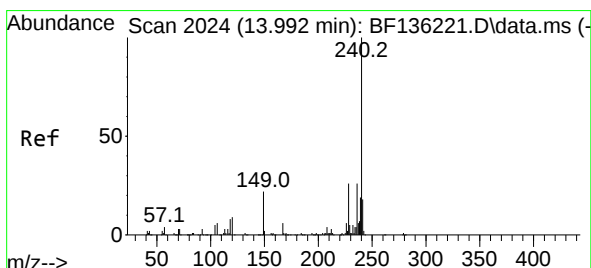
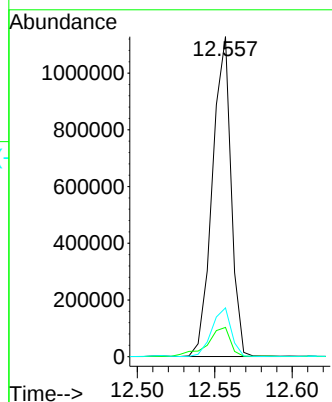
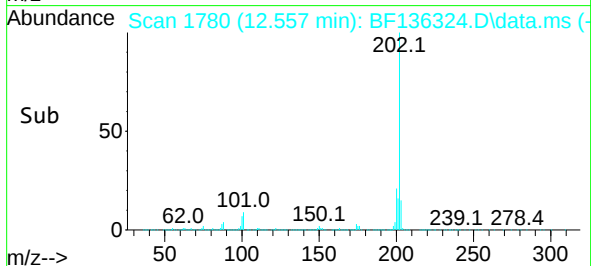
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



Tgt Ion:202 Resp: 946528
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.8
203 15.3 0.0 34.5

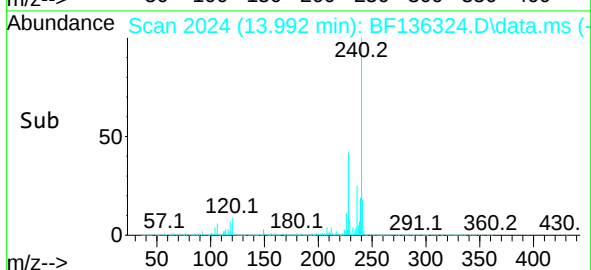
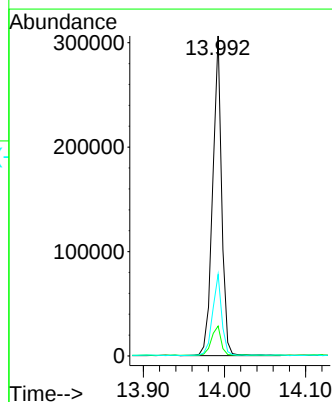
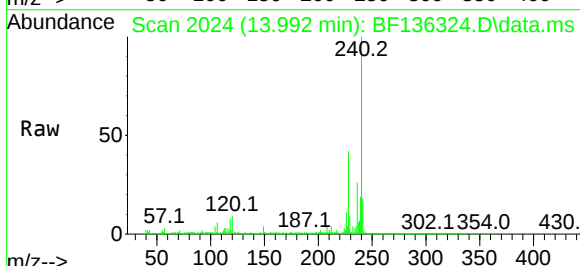
Manual Integrations
APPROVED

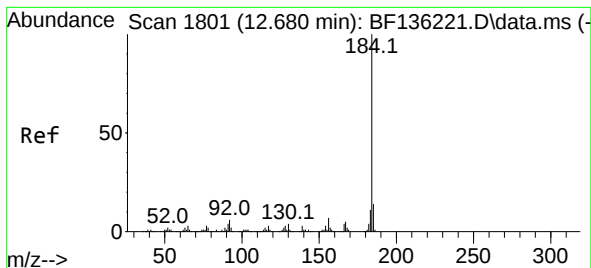
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:240 Resp: 235322
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.2
236 25.5 21.1 31.7





#77

Benzidine

Concen: 58.927 ng

RT: 12.686 min Scan# 1801

Delta R.T. 0.006 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

Tgt Ion:184 Resp: 22794

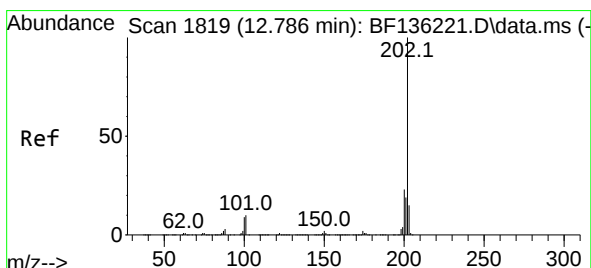
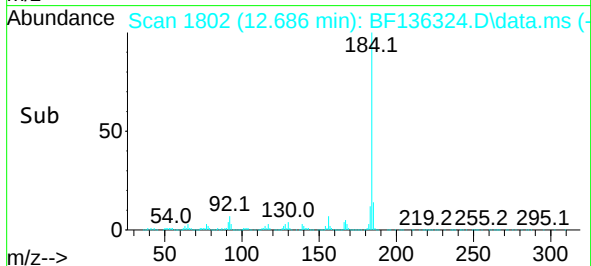
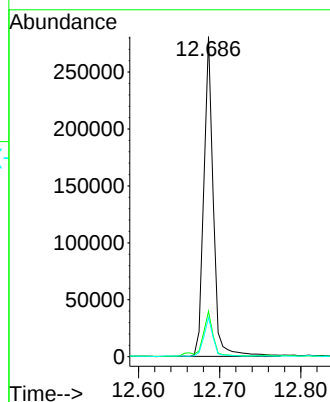
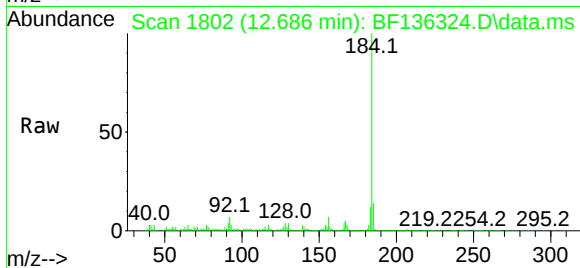
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.6
183	12.3	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#78

Pyrene

Concen: 38.232 ng

RT: 12.786 min Scan# 1819

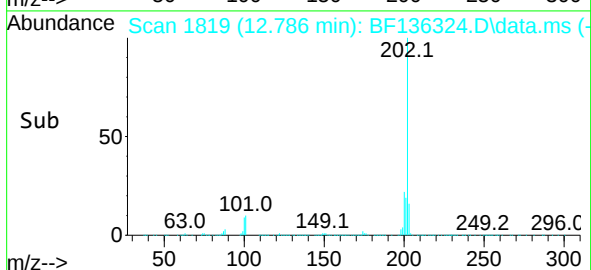
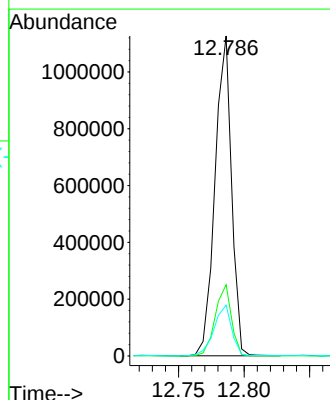
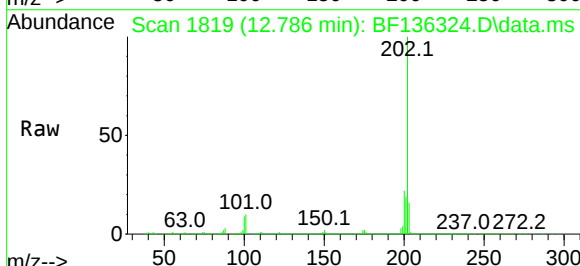
Delta R.T. 0.000 min

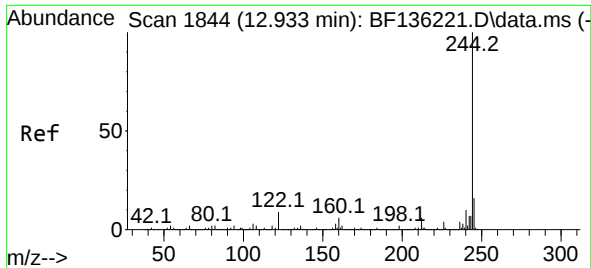
Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:202 Resp: 985320

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.4	27.6
203	15.8	11.8	17.6





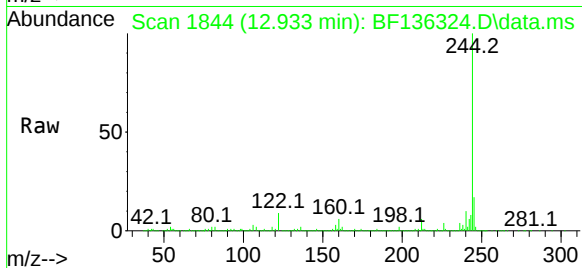
#79
 Terphenyl-d14
 Concen: 50.741 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD



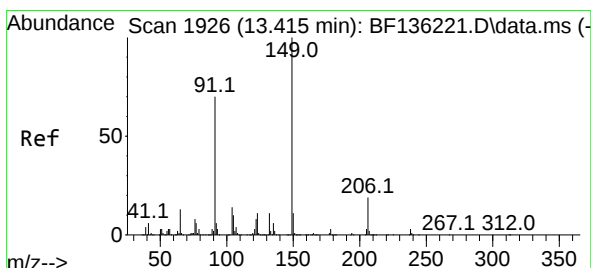
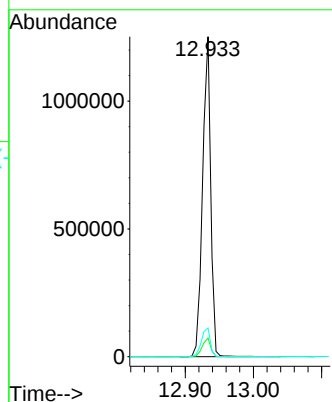
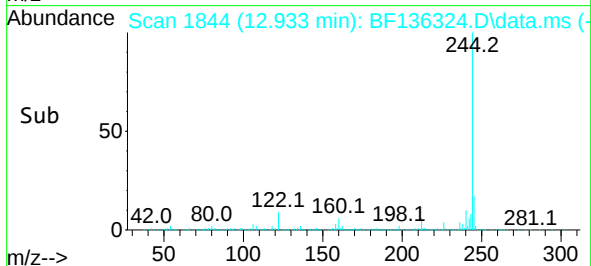
Tgt Ion:244 Resp: 1035168
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 9.0 7.3 10.9

Manual Integrations

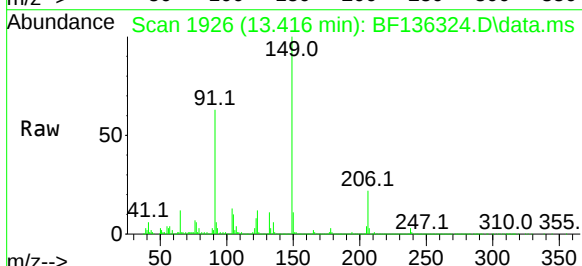
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

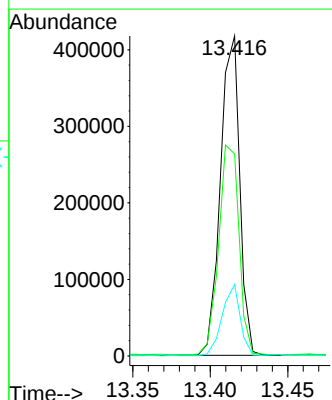
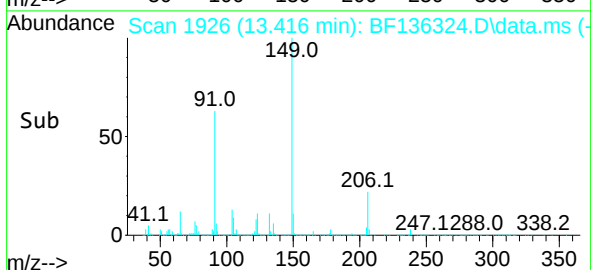
Supervised By :mohammad ahmed 12/01/2023

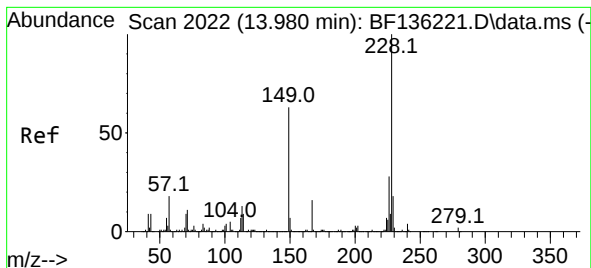


#80
 Butylbenzylphthalate
 Concen: 45.033 ng
 RT: 13.416 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF136324.D
 Acq: 30 Nov 2023 20:45



Tgt Ion:149 Resp: 361198
 Ion Ratio Lower Upper
 149 100
 91 63.2 56.4 84.6
 206 22.4 14.8 22.2#





#81

Benzo(a)anthracene

Concen: 48.916 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

SU-03-112823MSD

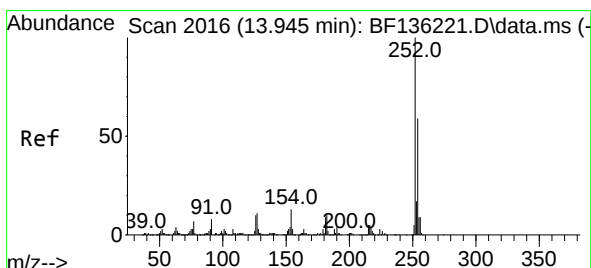
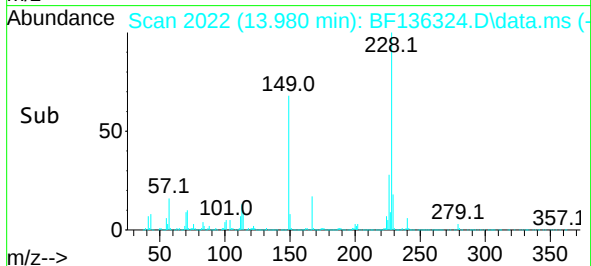
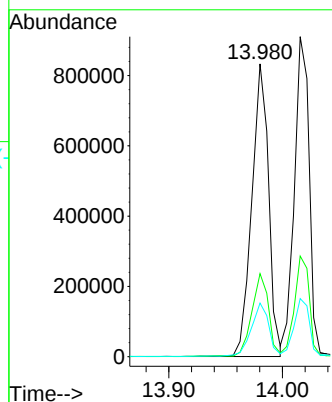
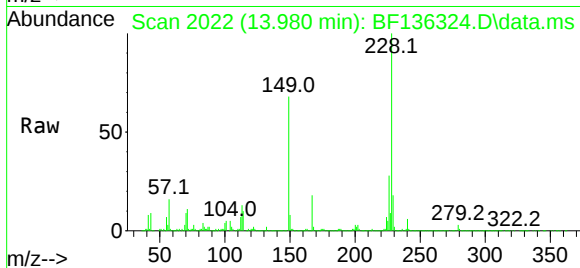
Tgt Ion:	228	Resp:	855000
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	34.0
229	18.3	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 24.132 ng

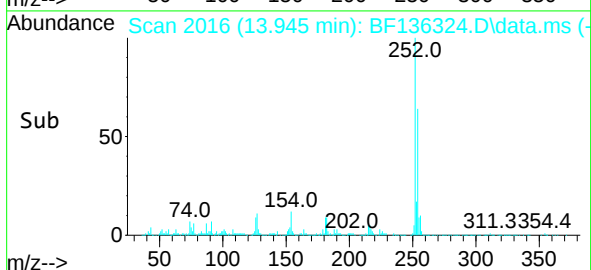
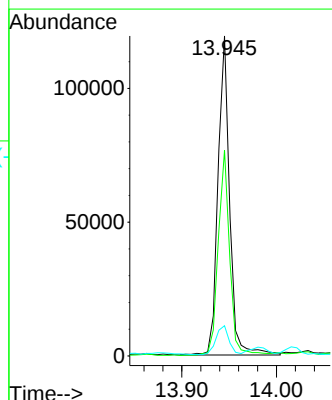
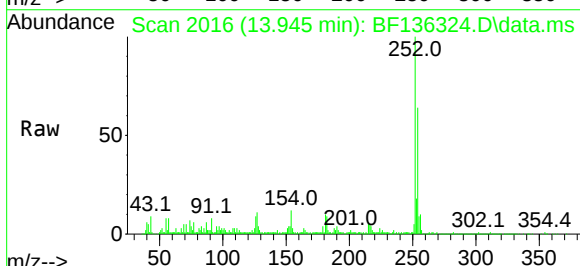
RT: 13.945 min Scan# 2016

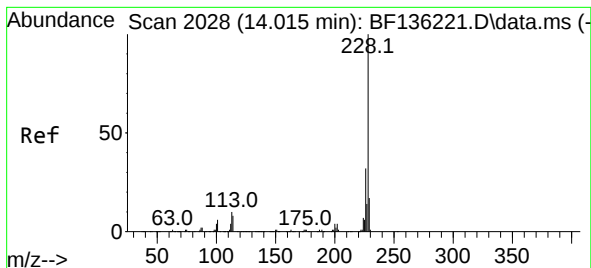
Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:	252	Resp:	101533
Ion Ratio	Lower	Upper	
252	100		
254	64.3	47.4	71.2
126	9.5	8.3	12.5





#83

Chrysene

Concen: 48.560 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

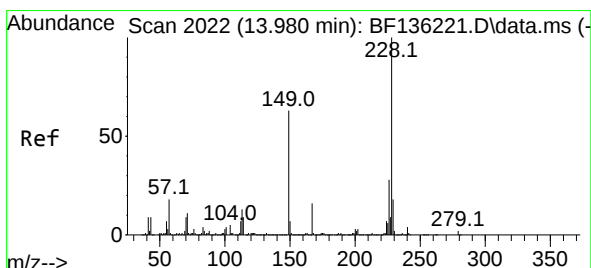
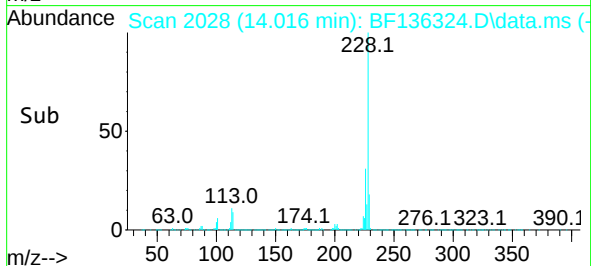
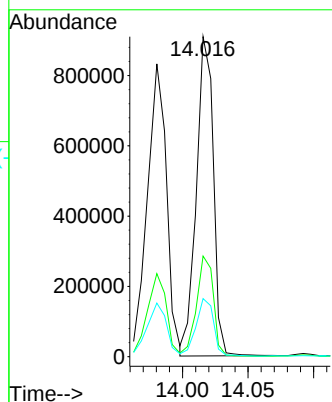
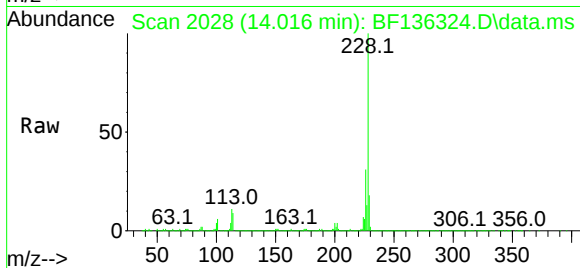
SU-03-112823MSD

Tgt Ion:228 Resp: 819523
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.5 38.3
 229 18.2 13.9 20.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.568 ng

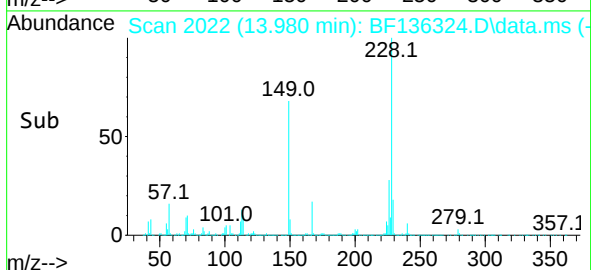
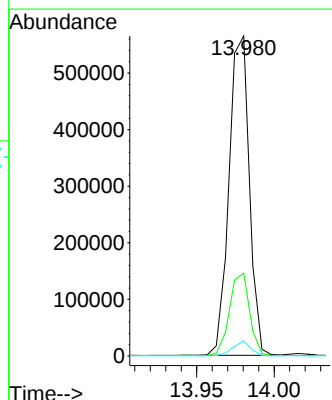
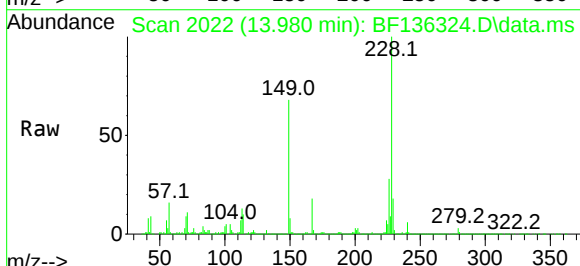
RT: 13.980 min Scan# 2022

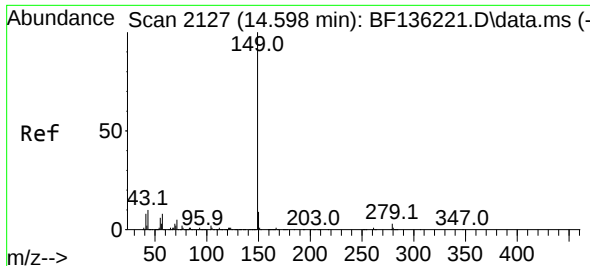
Delta R.T. 0.000 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

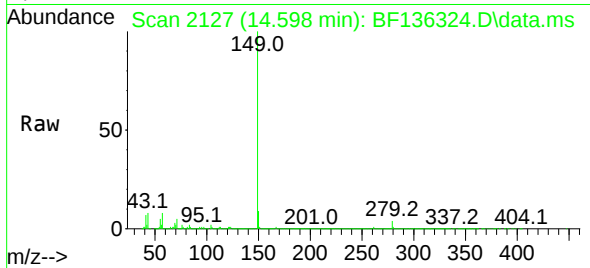
Tgt Ion:149 Resp: 515643
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.2
 279 4.7 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 60.072 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

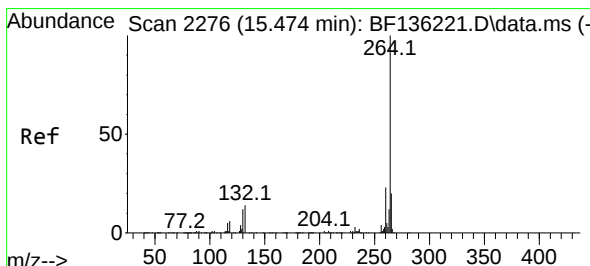
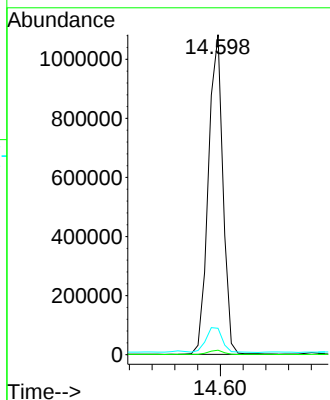
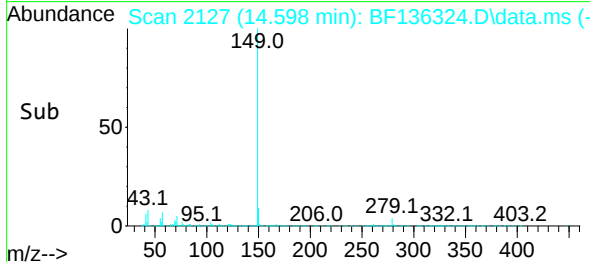
Instrument :
BNA_F
ClientSampleId :
SU-03-112823MSD



Tgt Ion:149 Resp: 961900
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.7 7.2 10.8

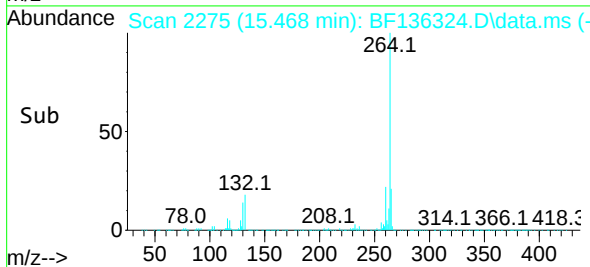
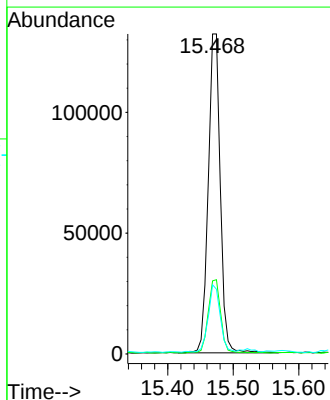
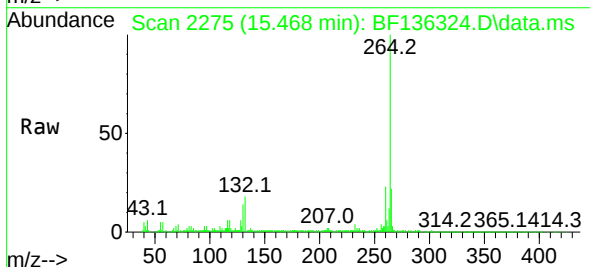
Manual Integrations
APPROVED

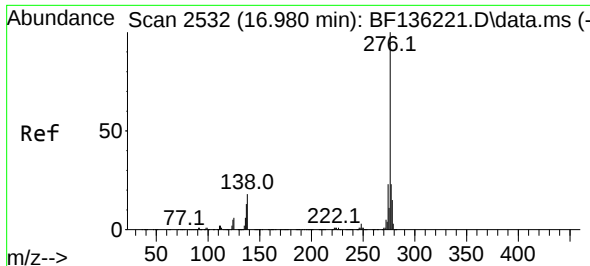
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:264 Resp: 168969
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.6 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.553 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

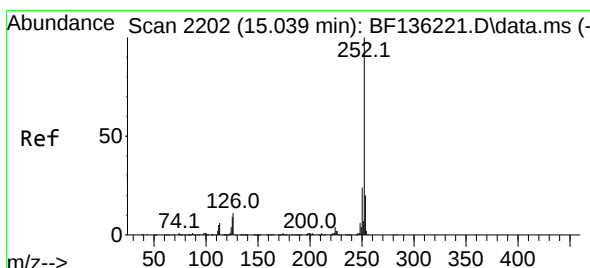
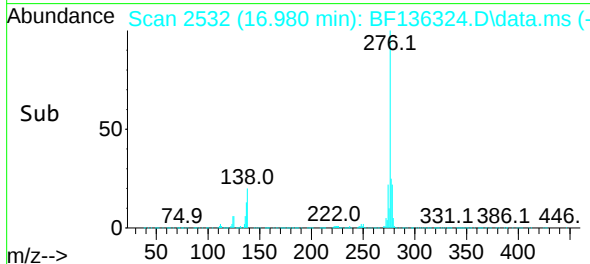
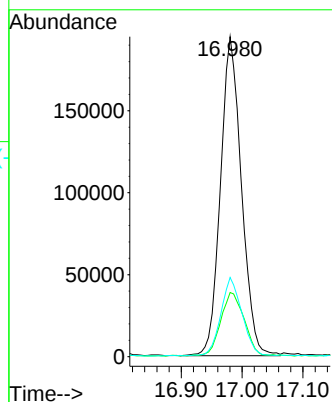
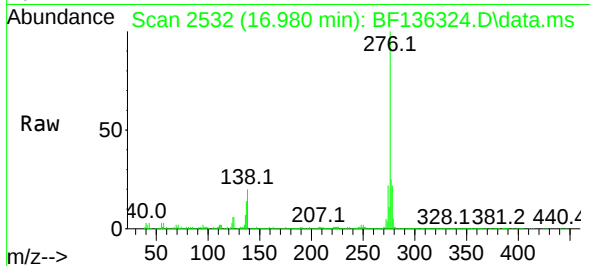
SU-03-112823MSD

Tgt Ion:276 Resp: 46650
Ion Ratio Lower Upper
276 100
138 22.2 17.7 26.5
277 24.7 19.6 29.4

Manual Integrations

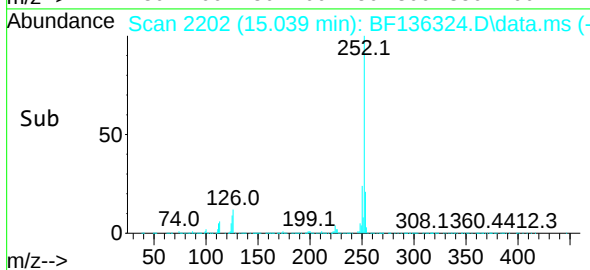
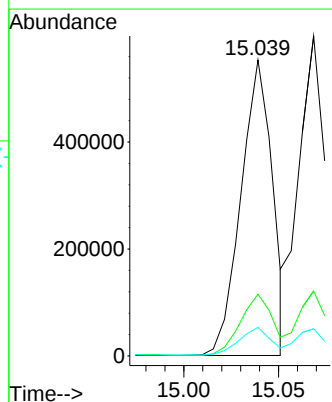
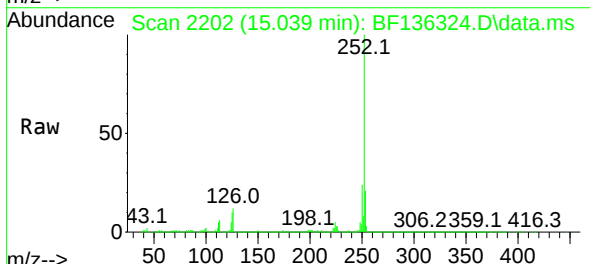
APPROVED

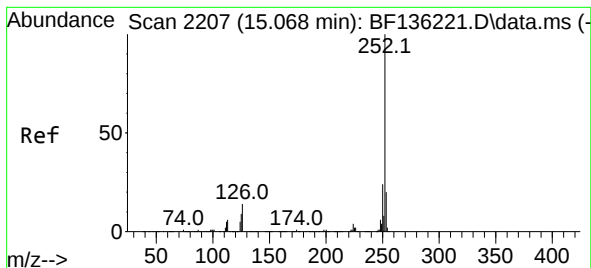
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#88
Benzo(b)fluoranthene
Concen: 54.055 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:252 Resp: 640806
Ion Ratio Lower Upper
252 100
253 20.9 16.2 24.2
125 9.7 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 52.073 ng

RT: 15.069 min Scan# 21

Delta R.T. 0.001 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

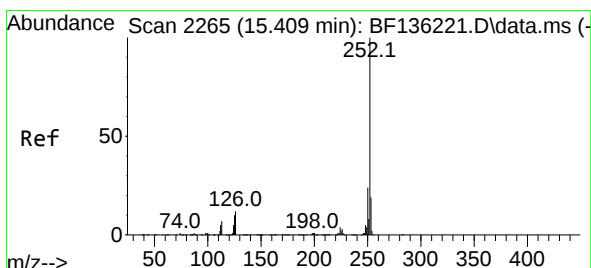
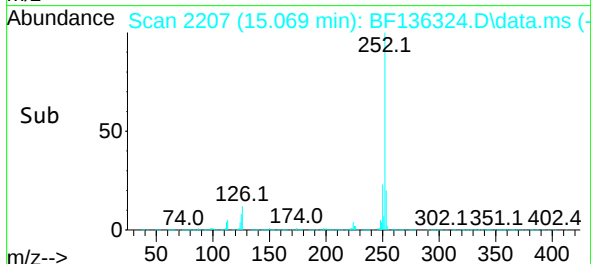
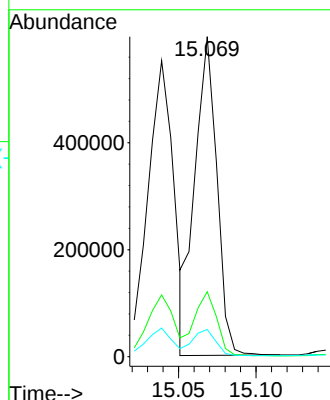
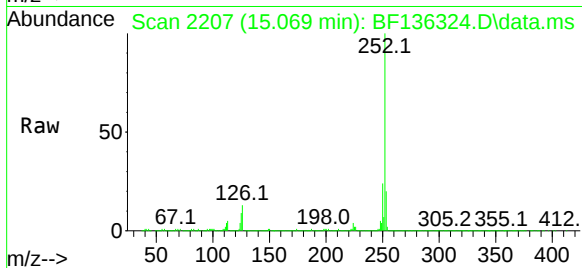
SU-03-112823MSD

Tgt Ion:	252	Resp:	58629
Ion Ratio	Lower	Upper	
252	100		
253	20.3	15.6	23.4
125	8.5	7.0	10.4

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 49.955 ng

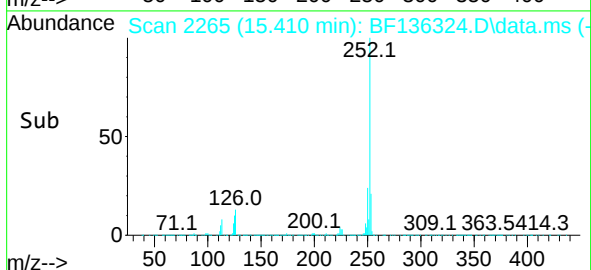
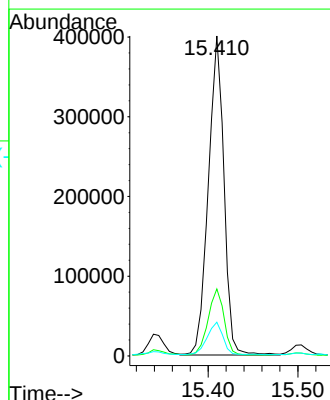
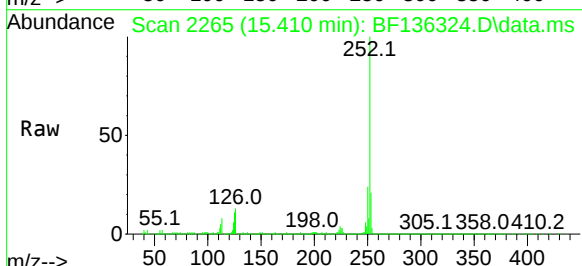
RT: 15.410 min Scan# 2265

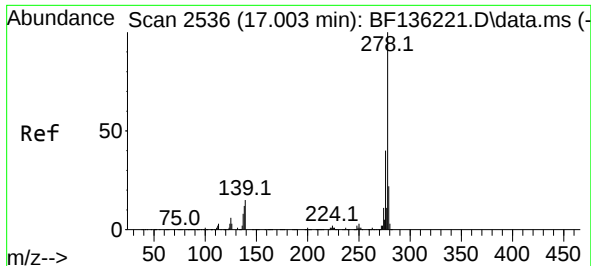
Delta R.T. 0.001 min

Lab File: BF136324.D

Acq: 30 Nov 2023 20:45

Tgt Ion:	252	Resp:	484110
Ion Ratio	Lower	Upper	
252	100		
253	20.9	15.5	23.3
125	10.6	7.9	11.9





#91
Dibenzo(a,h)anthracene
Concen: 37.591 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Instrument :

BNA_F

ClientSampleId :

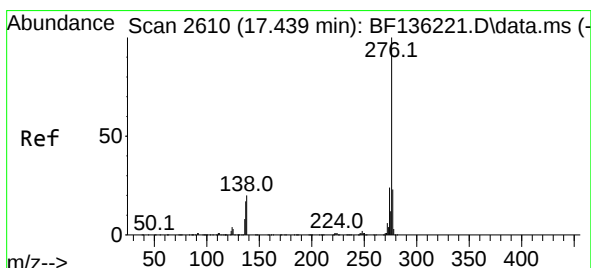
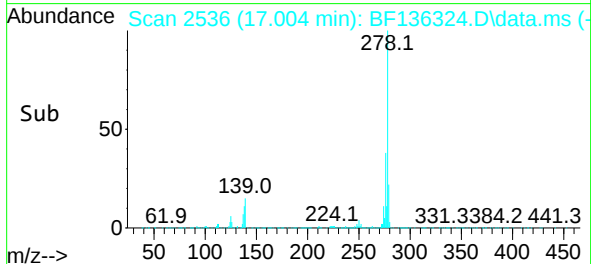
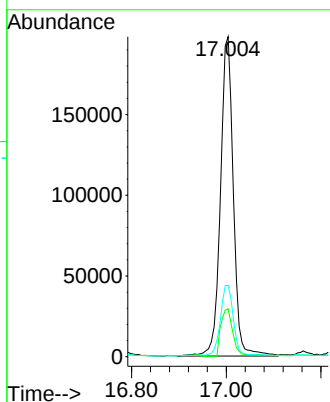
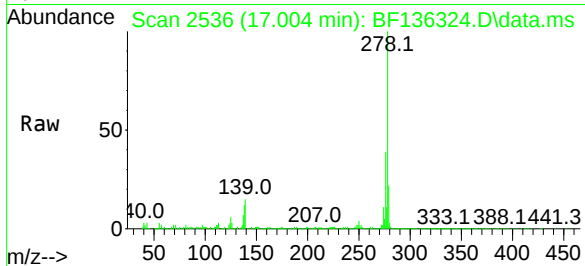
SU-03-112823MSD

Tgt Ion:278 Resp: 374739
Ion Ratio Lower Upper
278 100
139 15.0 11.7 17.5
279 22.3 17.8 26.8

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 36.525 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136324.D
Acq: 30 Nov 2023 20:45

Tgt Ion:276 Resp: 366718
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 19.5 15.8 23.8

