

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136961.D
 Acq On : 05 Jan 2024 02:00
 Operator : CG\JU
 Sample : P1004-01MS 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 03:54:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	45119	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	161856	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	74258	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	138982	20.000	ng	0.00
76) Chrysene-d12	13.969	240	114498	20.000	ng	0.00
86) Perylene-d12	15.457	264	91469	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	158228	54.718	ng	0.00
7) Phenol-d6	6.434	99	188929	50.422	ng	0.00
23) Nitrobenzene-d5	7.345	82	111485	35.246	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	45870	52.450	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	225691	40.878	ng	-0.02
79) Terphenyl-d14	12.904	244	253186	30.902	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.505	88	23948	19.876	ng	100
3) Pyridine	3.287	79	54133	18.414	ng	93
4) n-Nitrosodimethylamine	3.228	42	29886	19.037	ng	# 94
6) Aniline	6.451	93	66896	17.857	ng	# 67
8) 2-Chlorophenol	6.575	128	65623	20.737	ng	96
9) Benzaldehyde	6.340	77	13652	6.406	ng	100
10) Phenol	6.445	94	80481	20.121	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	63243	20.791	ng	96
12) 1,3-Dichlorobenzene	6.722	146	68933	19.968	ng	96
13) 1,4-Dichlorobenzene	6.798	146	71365	20.232	ng	99
14) 1,2-Dichlorobenzene	6.951	146	66201	20.170	ng	99
15) Benzyl Alcohol	6.928	79	49592	19.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	95207	19.144	ng	79
17) 2-Methylphenol	7.051	107	53385	20.364	ng	92
18) Hexachloroethane	7.287	117	21960	17.143	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	44539	19.609	ng	94
20) 3+4-Methylphenols	7.204	107	64778	19.779	ng	# 54
22) Acetophenone	7.187	105	92928	22.906	ng	# 89
24) Nitrobenzene	7.363	77	63825	20.143	ng	95
25) Isophorone	7.598	82	116459	20.234	ng	99
26) 2-Nitrophenol	7.681	139	29973	19.772	ng	98
27) 2,4-Dimethylphenol	7.722	122	48730	26.403	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	72299	20.666	ng	99
29) 2,4-Dichlorophenol	7.934	162	48972	20.611	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	55466	20.951	ng	97
31) Naphthalene	8.081	128	184792	20.782	ng	99
32) Benzoic acid	7.828	122	28440	15.926	ng	90
33) 4-Chloroaniline	8.140	127	59348	18.077	ng	94
34) Hexachlorobutadiene	8.192	225	31467	19.564	ng	99
35) Caprolactam	8.487	113	16985	21.669	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	51186	19.136	ng	93
37) 2-Methylnaphthalene	8.775	142	114656	20.036	ng	98
38) 1-Methylnaphthalene	8.875	142	109417	19.489	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	54519	23.707	ng	97
41) Hexachlorocyclopentadiene	8.922	237	477	5.509	ng	88
43) 2,4,6-Trichlorophenol	9.057	196	32933	22.330	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	35207	21.422	ng	97
46) 1,1'-Biphenyl	9.239	154	148995	23.910	ng	97
47) 2-Chloronaphthalene	9.263	162	105240	22.216	ng	99
48) 2-Nitroaniline	9.369	65	31849	21.470	ng	90
49) Acenaphthylene	9.681	152	172401	23.810	ng	99
50) Dimethylphthalate	9.539	163	120297	22.179	ng	99
51) 2,6-Dinitrotoluene	9.604	165	24067	19.551	ng	90
52) Acenaphthene	9.851	154	98373	21.917	ng	98
53) 3-Nitroaniline	9.781	138	27656	21.209	ng	89
54) 2,4-Dinitrophenol	9.904	184	1225	5.447	ng	90
55) Dibenzofuran	10.022	168	152931	22.477	ng	98
56) 4-Nitrophenol	9.969	139	28761	32.673	ng	91
57) 2,4-Dinitrotoluene	10.016	165	30644	19.176	ng	94
58) Fluorene	10.369	166	116736	21.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	27907	22.058	ng	93
60) Diethylphthalate	10.239	149	122429	21.755	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	56827	21.656	ng	99
62) 4-Nitroaniline	10.392	138	26767m	21.293	ng	
63) Azobenzene	10.522	77	107467	20.445	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	1595	2.003	ng	83
66) n-Nitrosodiphenylamine	10.481	169	103138	22.845	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	33163	21.486	ng	94
68) Hexachlorobenzene	10.916	284	35799	20.812	ng	100
69) Atrazine	11.010	200	33901	29.358	ng	97
70) Pentachlorophenol	11.122	266	27552	34.365	ng	96
71) Phenanthrene	11.333	178	174127	24.417	ng	99
72) Anthracene	11.386	178	172151	23.837	ng	99
73) Carbazole	11.545	167	161836	23.768	ng	99
74) Di-n-butylphthalate	11.875	149	199177	23.972	ng	99
75) Fluoranthene	12.533	202	231536	30.353	ng	99
77) Benzidine	12.663	184	52195	15.460	ng	99
78) Pyrene	12.763	202	232063	20.646	ng	99
80) Butylbenzylphthalate	13.386	149	88811	21.715	ng	98
81) Benzo(a)anthracene	13.963	228	205031	25.788	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	57928	25.656	ng	99
83) Chrysene	13.998	228	190279	24.474	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	131409	25.537	ng	97
85) Di-n-octyl phthalate	14.563	149	233170	29.293	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	124955	18.921	ng	99
88) Benzo(b)fluoranthene	15.021	252	154311	25.258	ng	96
89) Benzo(k)fluoranthene	15.051	252	139990	24.250	ng	98
90) Benzo(a)pyrene	15.392	252	119690	23.210	ng	96
91) Dibenzo(a,h)anthracene	16.986	278	101503	18.734	ng	98
92) Benzo(g,h,i)perylene	17.433	276	97200	17.516	ng	98

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

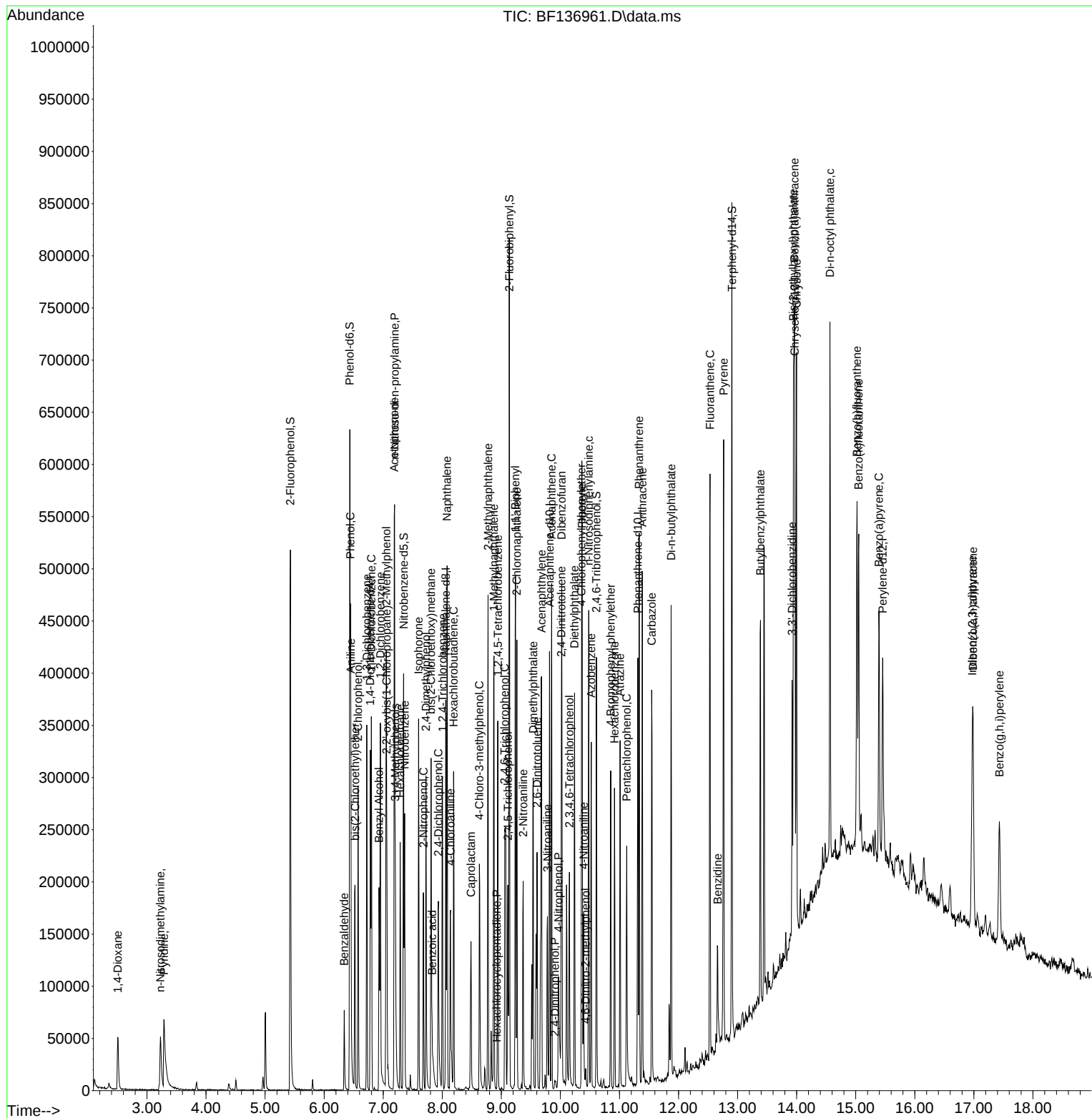
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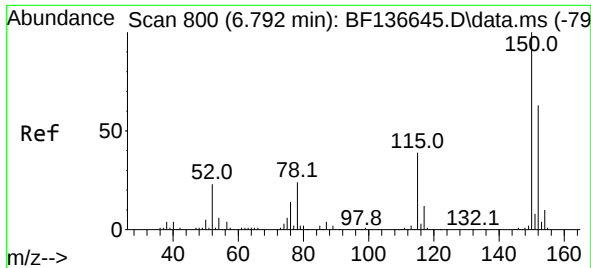
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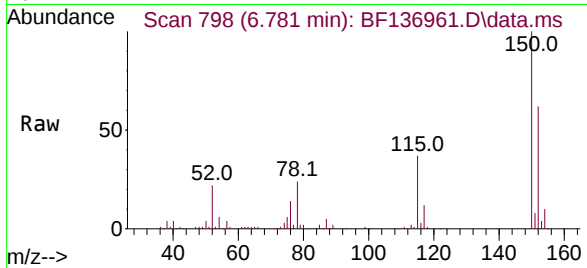
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.011 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

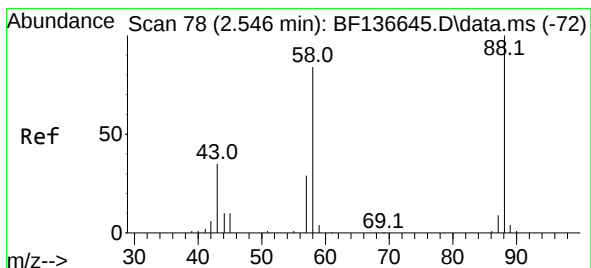
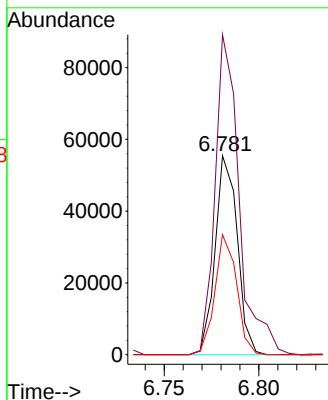
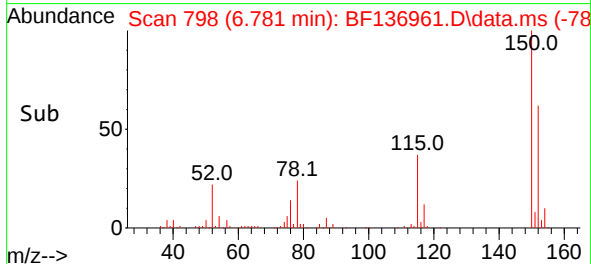
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:152 Resp: 45119
Ion Ratio Lower Upper
152 100
150 160.8 127.0 190.6
115 60.3 49.0 73.4

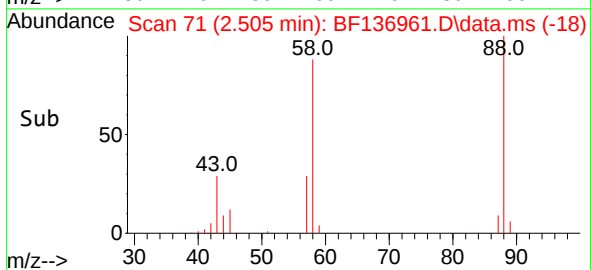
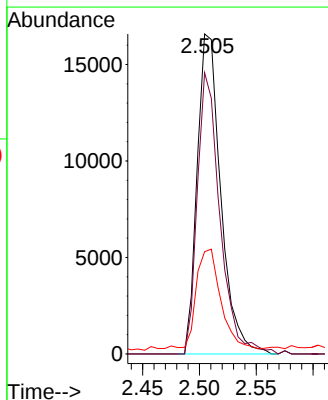
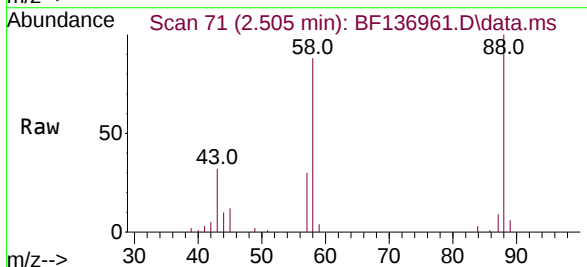
Manual Integrations
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Supervised By :mohammad ahmed 01/05/2024



#2
1,4-Dioxane
Concen: 19.876 ng
RT: 2.505 min Scan# 71
Delta R.T. -0.041 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

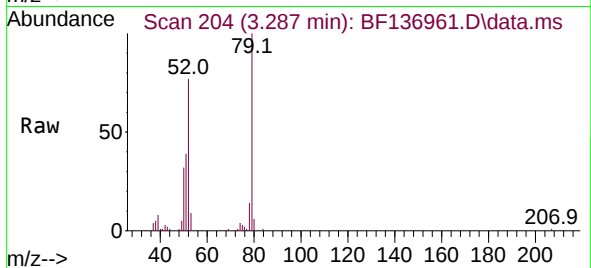
Tgt Ion: 88 Resp: 23948
Ion Ratio Lower Upper
88 100
58 84.4 67.4 101.0
43 34.4 27.7 41.5





#3
Pyridine
Concen: 18.414 ng
RT: 3.287 min Scan# 207
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

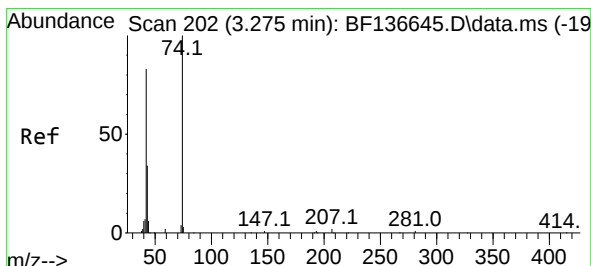
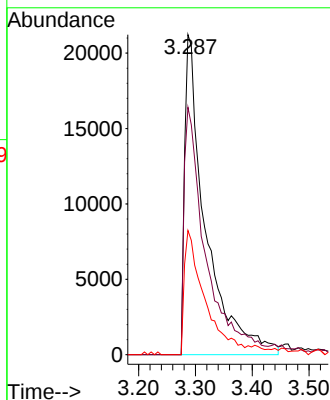
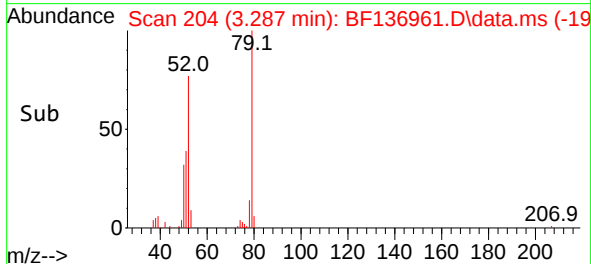
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion: 79 Resp: 5413
Ion Ratio Lower Upper
79 100
52 77.3 67.7 101.5
51 38.8 34.0 51.0

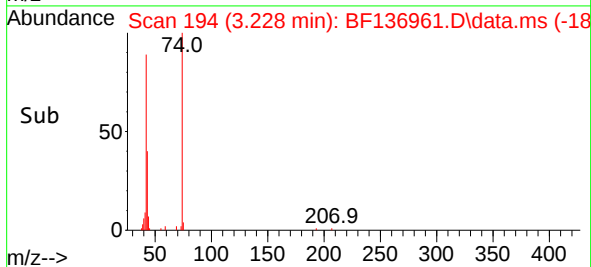
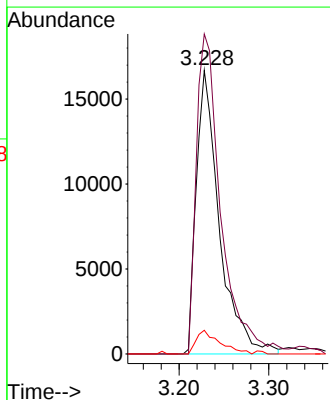
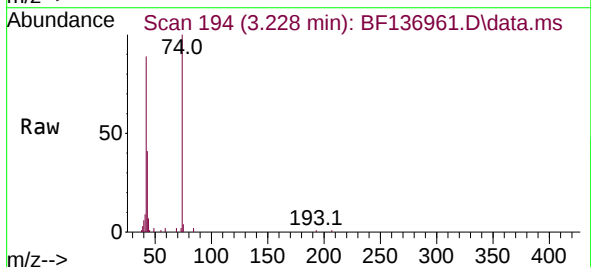
Manual Integrations
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Supervised By :mohammad ahmed 01/05/2024



#4
n-Nitrosodimethylamine
Concen: 19.037 ng
RT: 3.228 min Scan# 194
Delta R.T. -0.047 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

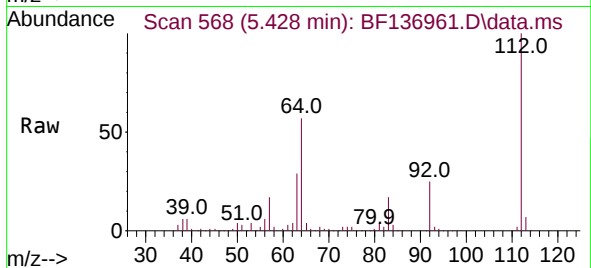
Tgt Ion: 42 Resp: 29886
Ion Ratio Lower Upper
42 100
74 112.8 96.0 144.0
44 8.4 5.4 8.2





#5
2-Fluorophenol
Concen: 54.718 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

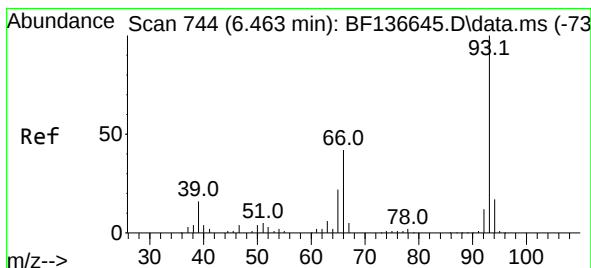
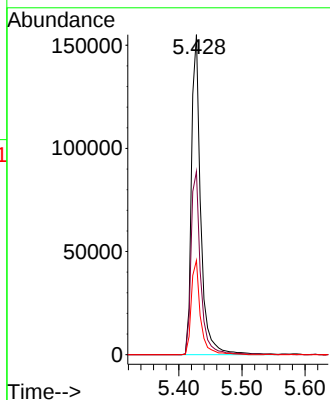
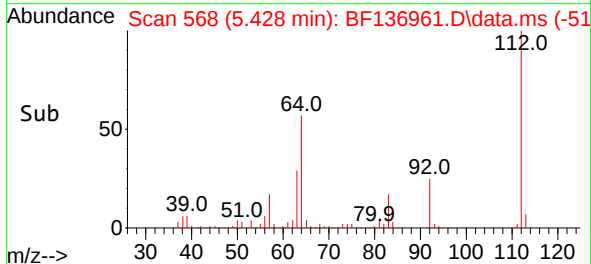
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:112 Resp: 158228
Ion Ratio Lower Upper
112 100
64 57.3 51.1 76.7
63 29.4 26.1 39.1

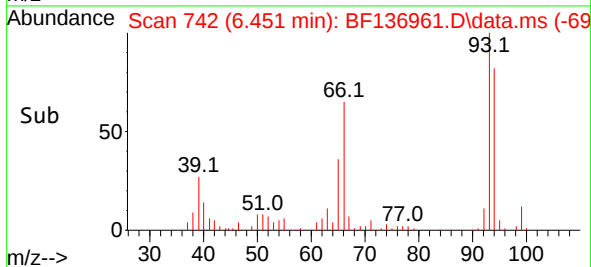
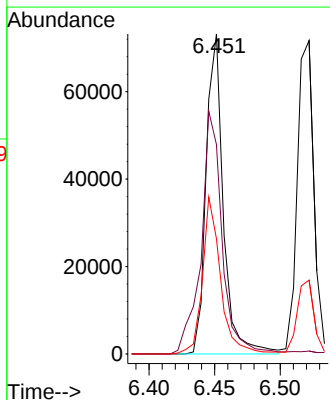
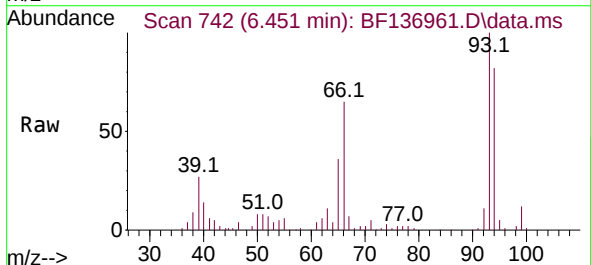
Manual Integrations
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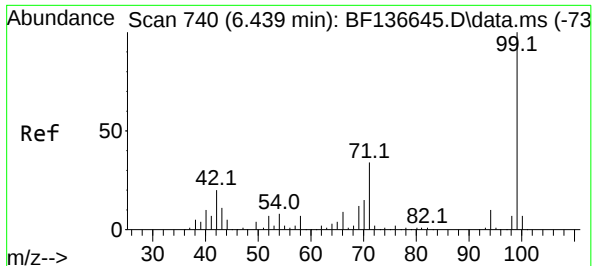
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#6
Aniline
Concen: 17.857 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

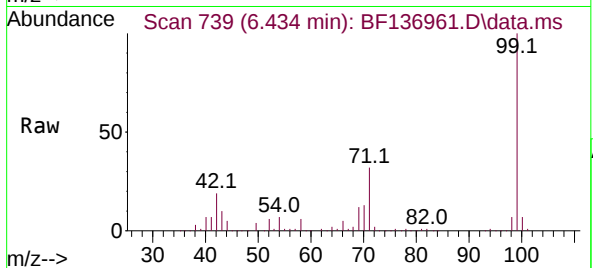
Tgt Ion: 93 Resp: 66896
Ion Ratio Lower Upper
93 100
66 65.4 34.6 51.8#
65 36.1 17.8 26.8#





#7
Phenol-d6
Concen: 50.422 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

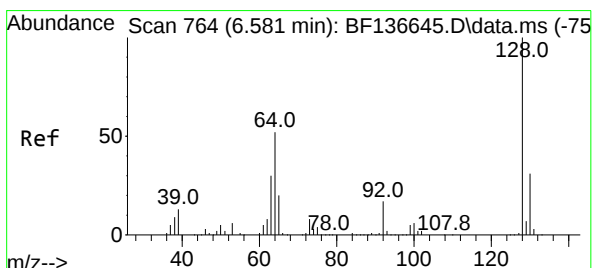
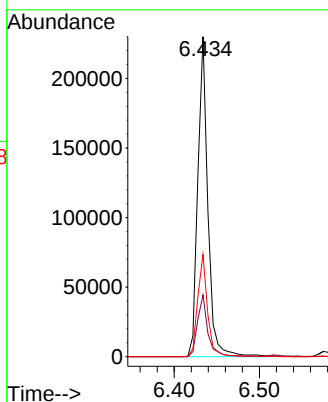
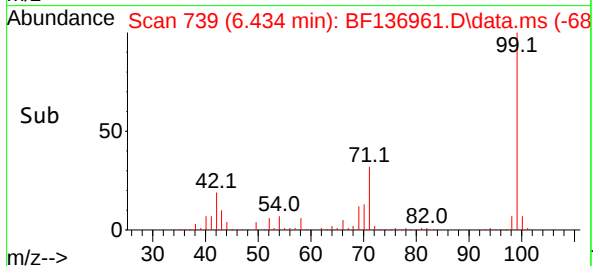
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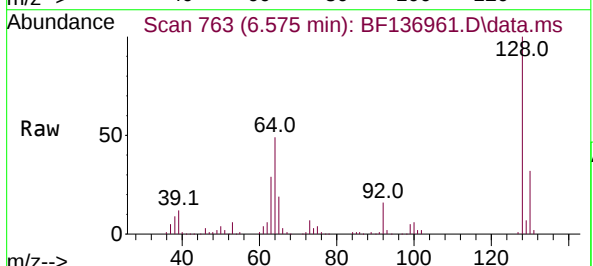
Tgt Ion: 99 Resp: 188929
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 31.9 27.4 41.2

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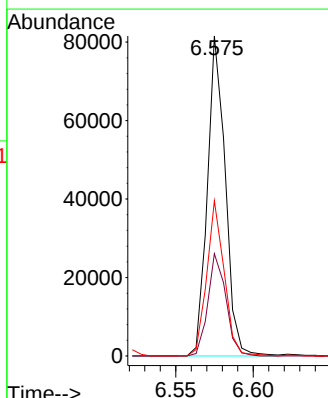
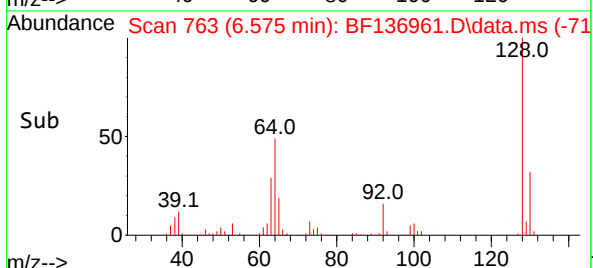
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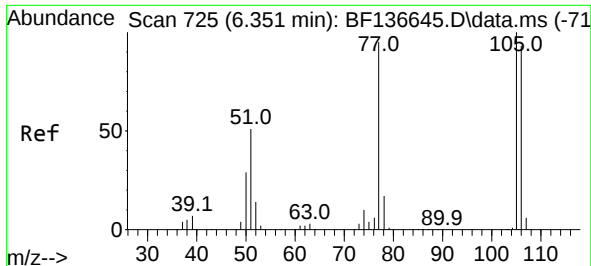


#8
2-Chlorophenol
Concen: 20.737 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



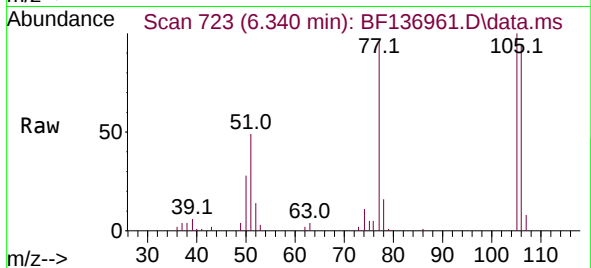
Tgt Ion:128 Resp: 65623
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 48.5 32.5 72.5





#9
Benzaldehyde
Concen: 6.406 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

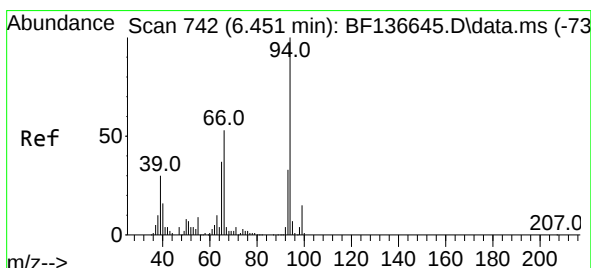
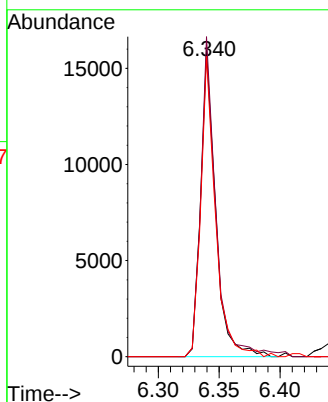
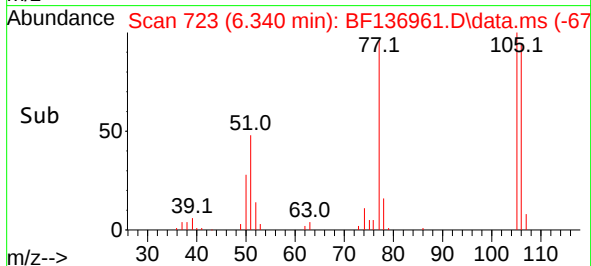
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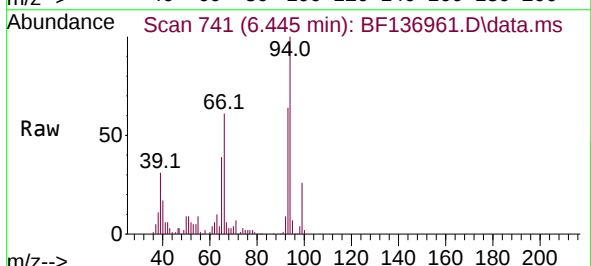
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Ion Ratio Lower Upper
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105 104.4 84.8 124.8
106 97.9 77.8 117.8

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APPROVED

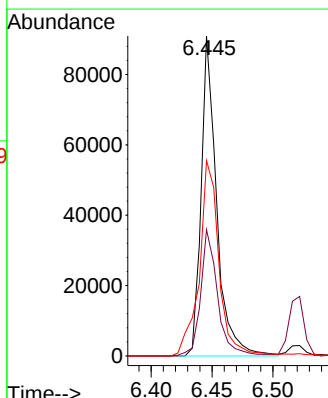
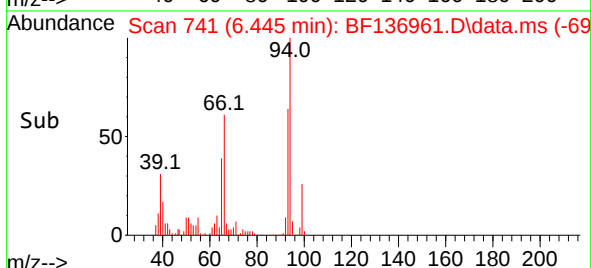
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

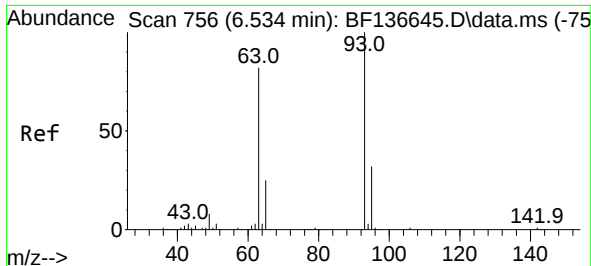


#10
Phenol
Concen: 20.121 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



Tgt Ion: 94 Resp: 80481
Ion Ratio Lower Upper
94 100
65 39.5 16.6 56.6
66 61.1 32.6 72.6





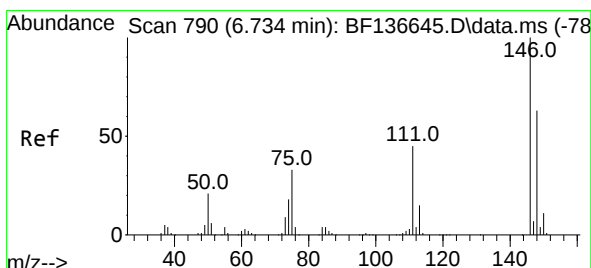
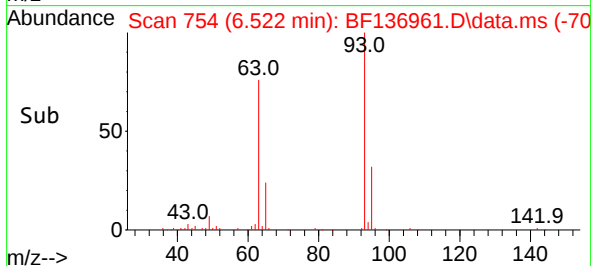
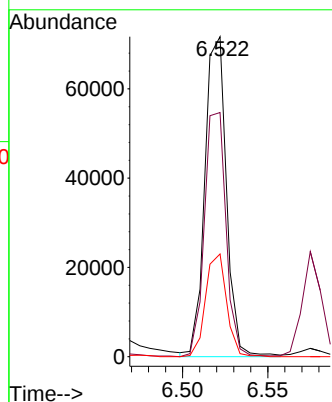
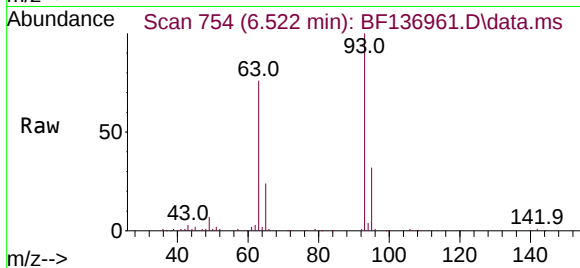
#11
bis(2-Chloroethyl)ether
Concen: 20.791 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion: 93 Resp: 6324
Ion Ratio Lower Upper
93 100
63 76.3 61.2 101.2
95 32.1 11.6 51.6

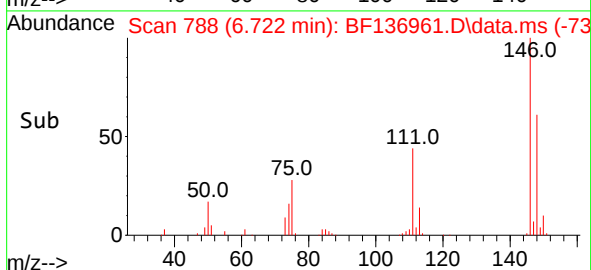
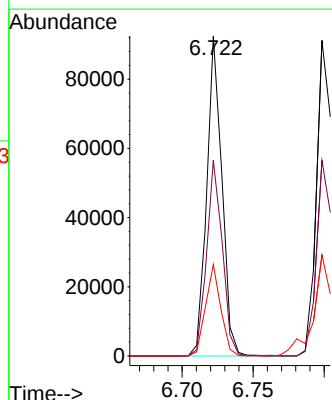
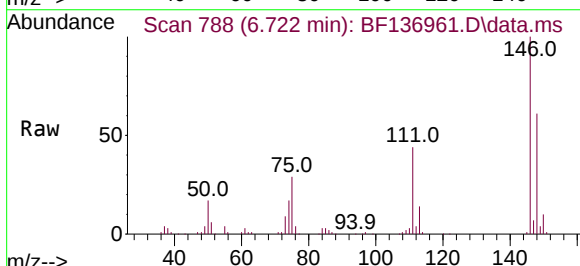
Manual Integrations
APPROVED

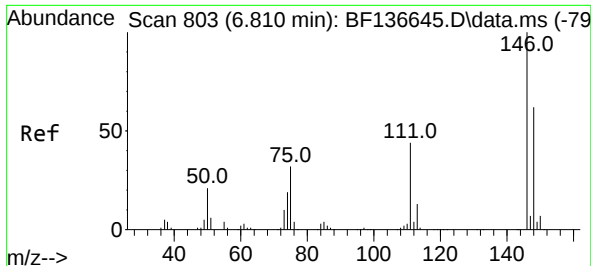
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#12
1,3-Dichlorobenzene
Concen: 19.968 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

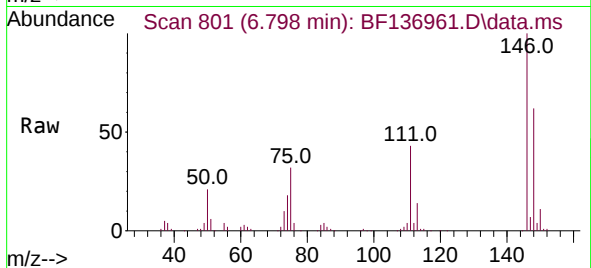
Tgt Ion:146 Resp: 68933
Ion Ratio Lower Upper
146 100
148 61.1 50.5 75.7
75 28.6 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 20.232 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

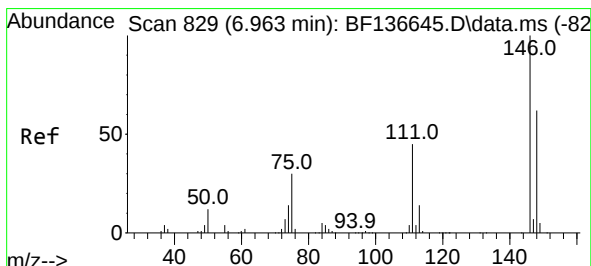
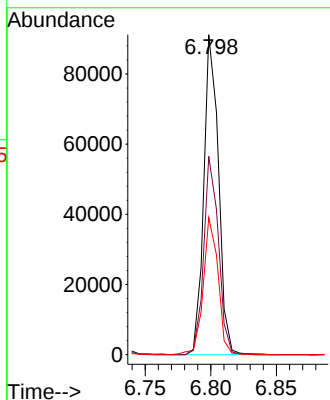
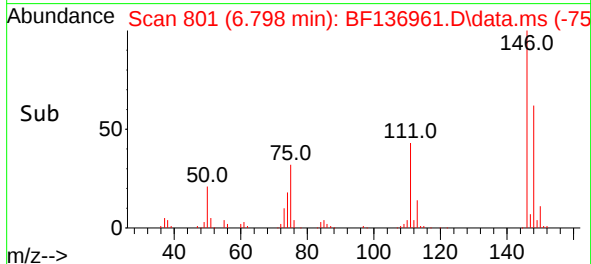
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



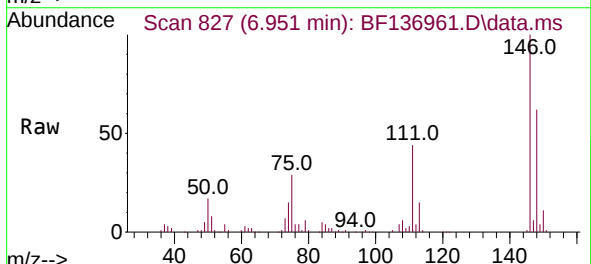
Tgt Ion:146 Resp: 7136
Ion Ratio Lower Upper
146 100
148 62.0 49.2 73.8
111 42.8 35.2 52.8

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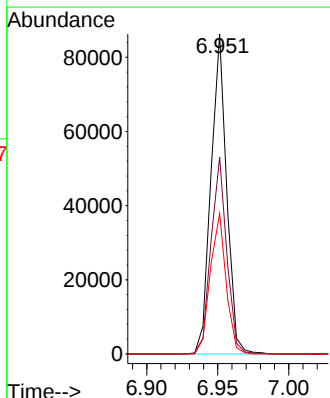
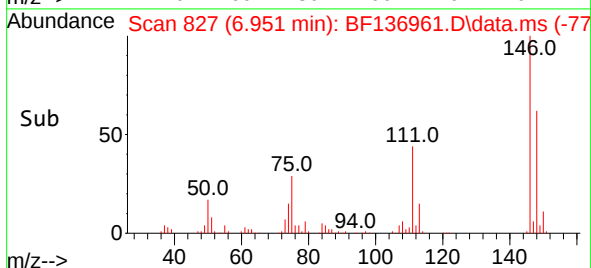
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#14
1,2-Dichlorobenzene
Concen: 20.170 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



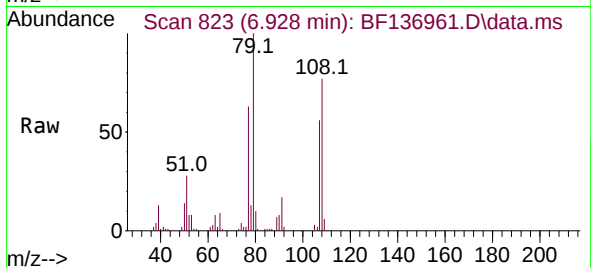
Tgt Ion:146 Resp: 66201
Ion Ratio Lower Upper
146 100
148 61.5 49.6 74.4
111 43.9 36.2 54.2





#15
Benzyl Alcohol
Concen: 19.618 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

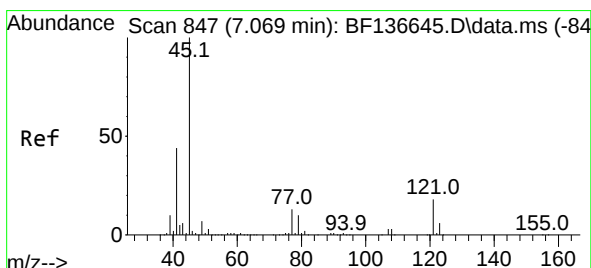
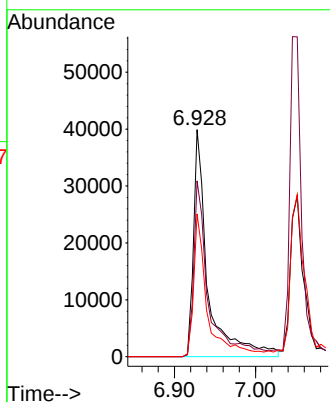
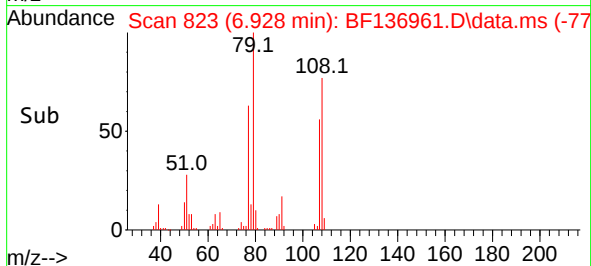
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion: 79 Resp: 49592
Ion Ratio Lower Upper
79 100
108 77.4 61.0 91.6
77 62.9 49.8 74.8

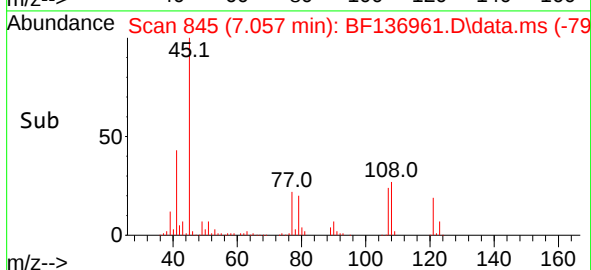
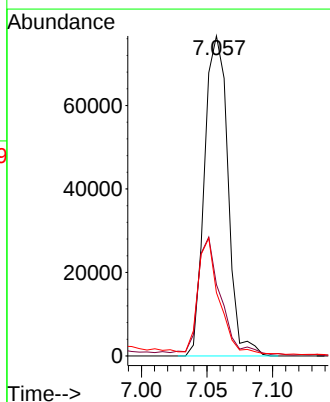
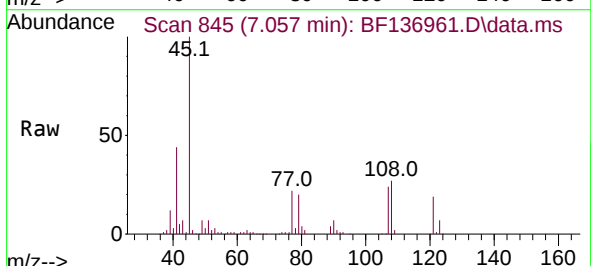
Manual Integrations
APPROVED

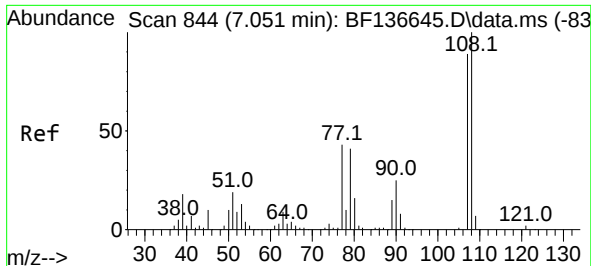
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.144 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

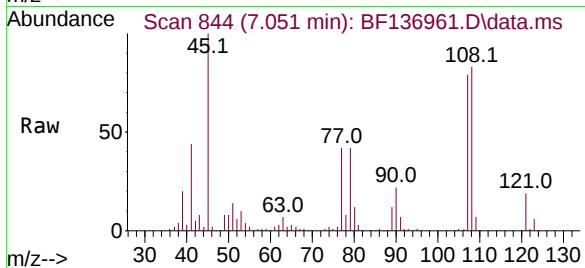
Tgt Ion: 45 Resp: 95207
Ion Ratio Lower Upper
45 100
77 22.3 0.0 34.3
79 19.8 0.0 31.4





#17
2-Methylphenol
Concen: 20.364 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

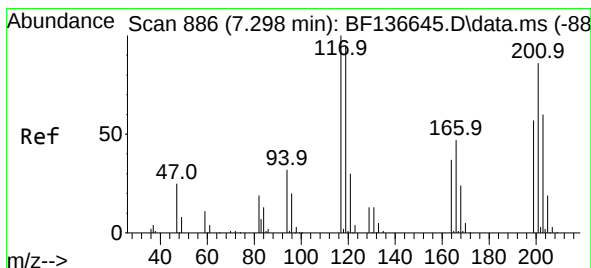
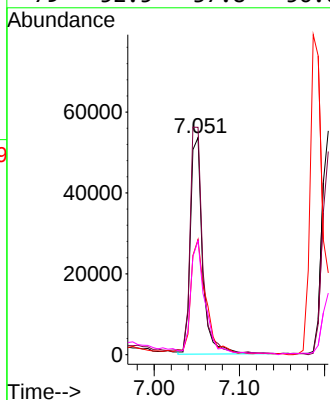
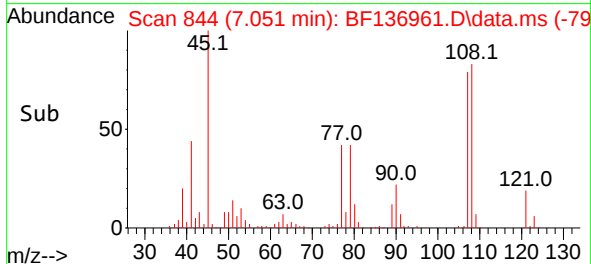
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:107 Resp: 5338
Ion Ratio Lower Upper
107 100
108 104.7 90.3 135.5
77 53.0 38.7 58.1
79 52.5 37.8 56.6

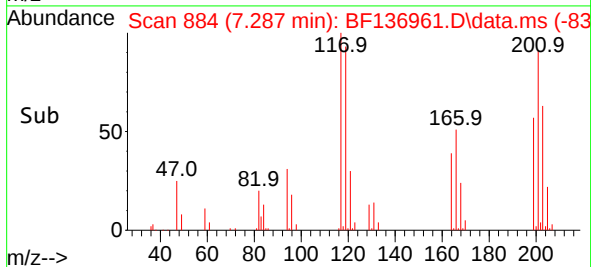
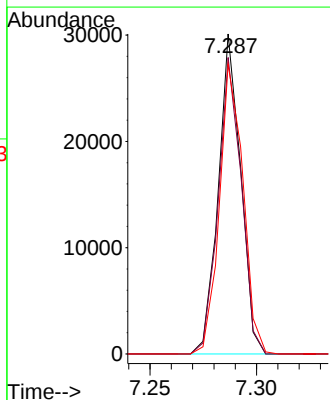
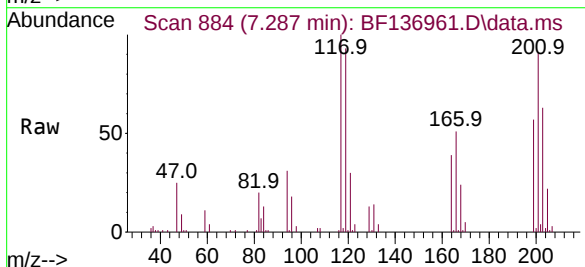
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 17.143 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

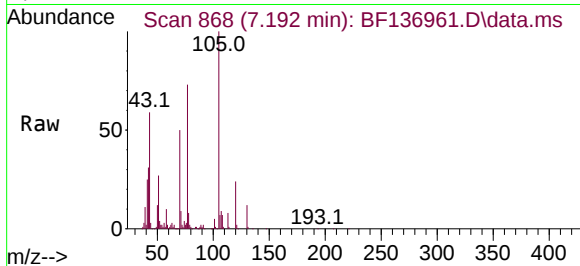
Tgt Ion:117 Resp: 21960
Ion Ratio Lower Upper
117 100
119 92.6 75.8 113.6
201 90.6 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 19.609 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

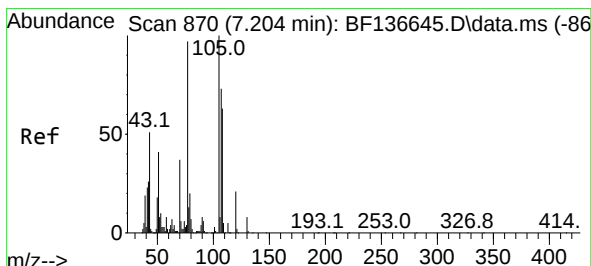
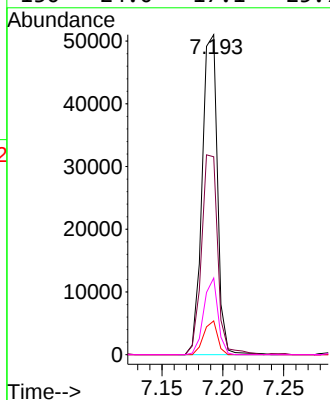
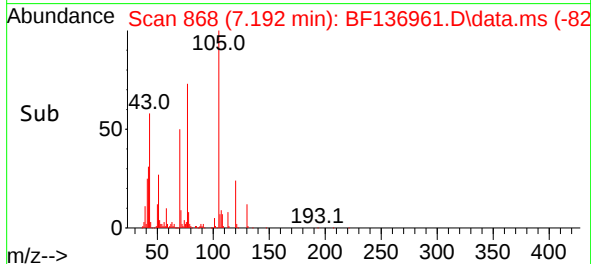
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



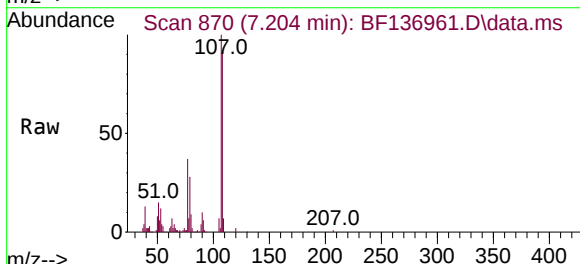
Tgt Ion: 70 Resp: 44539
Ion Ratio Lower Upper
70 100
42 61.9 54.2 81.4
101 10.6 7.6 11.4
130 24.0 17.1 25.7

Manual Integrations
APPROVED

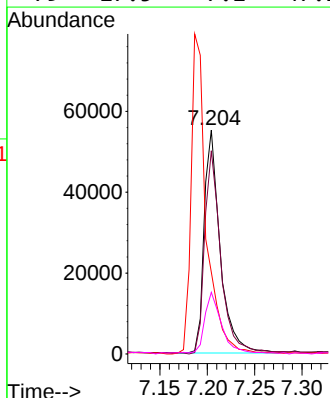
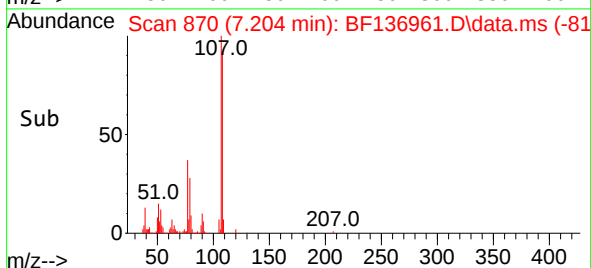
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

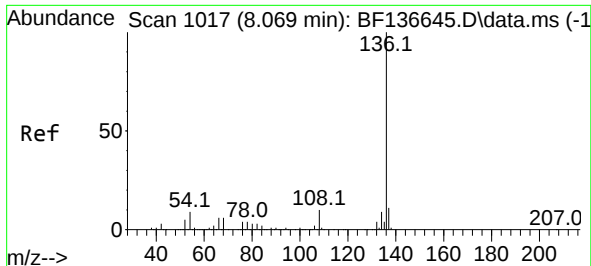


#20
3+4-Methylphenols
Concen: 19.779 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



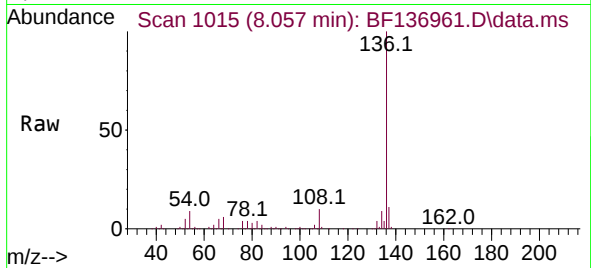
Tgt Ion:107 Resp: 64778
Ion Ratio Lower Upper
107 100
108 90.8 66.0 106.0
77 36.5 114.2 154.2#
79 27.5 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

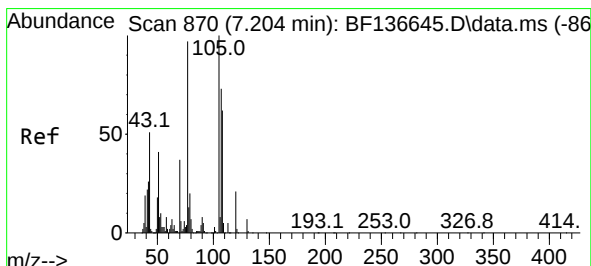
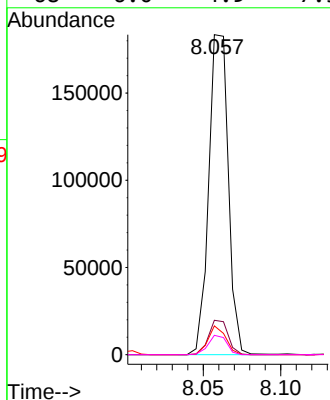
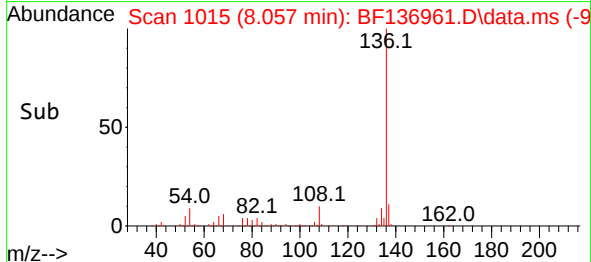
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:136 Resp: 161850
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.0 7.2 10.8
68 6.0 4.9 7.3

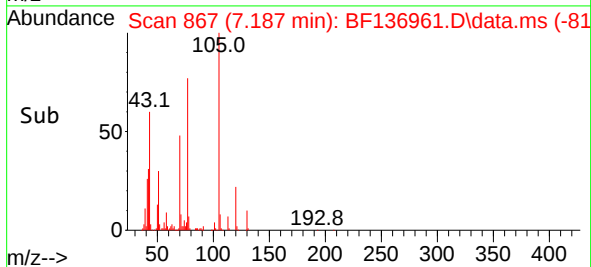
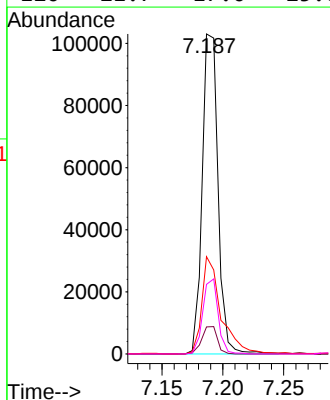
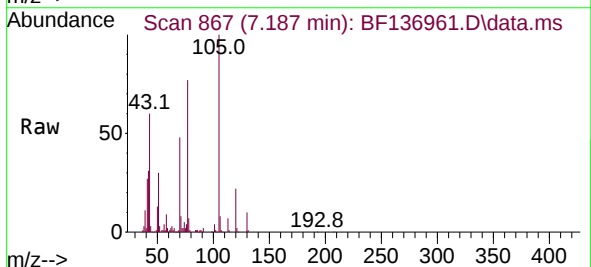
Manual Integrations
APPROVED

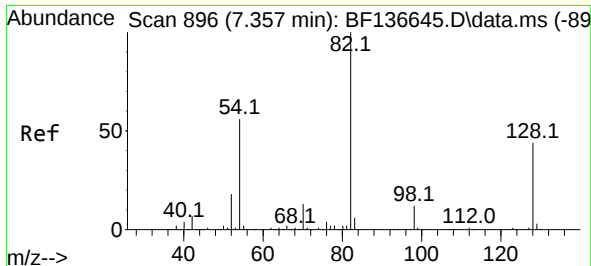
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#22
Acetophenone
Concen: 22.906 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:105 Resp: 92928
Ion Ratio Lower Upper
105 100
71 8.5 4.8 7.2#
51 30.4 32.8 49.2#
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 35.246 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

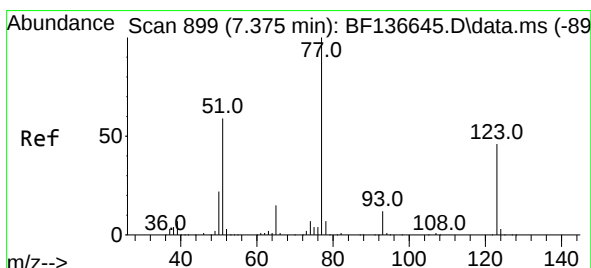
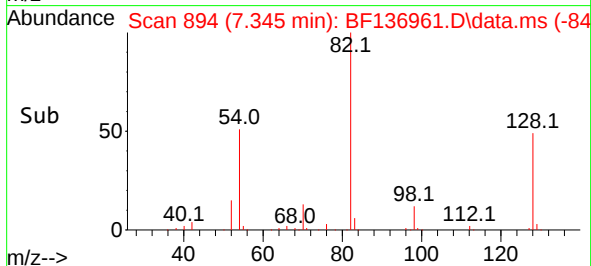
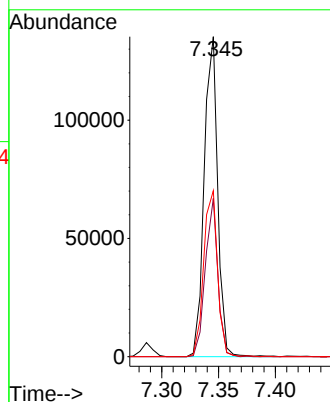
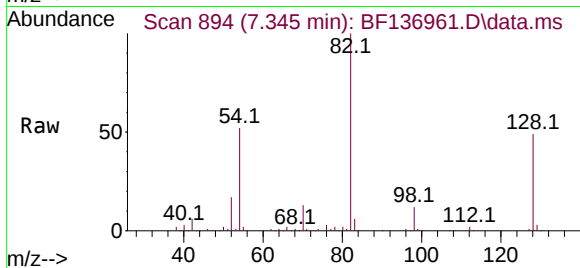
SU-04-01022024MS

Tgt Ion: 82 Resp: 111485
 Ion Ratio Lower Upper
 82 100
 128 49.5 35.3 52.9
 54 51.9 44.5 66.7

Manual Integrations

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



#24

Nitrobenzene

Concen: 20.143 ng

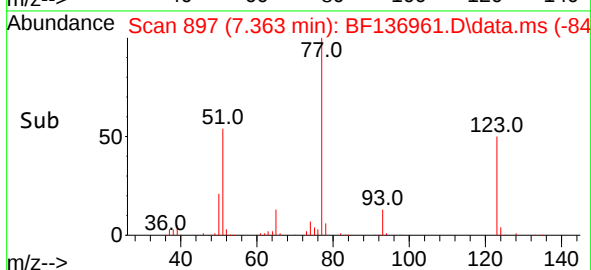
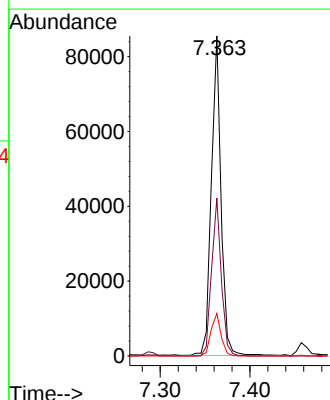
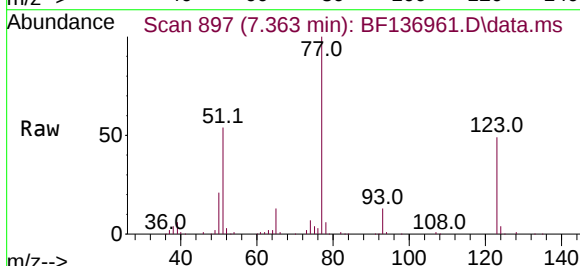
RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

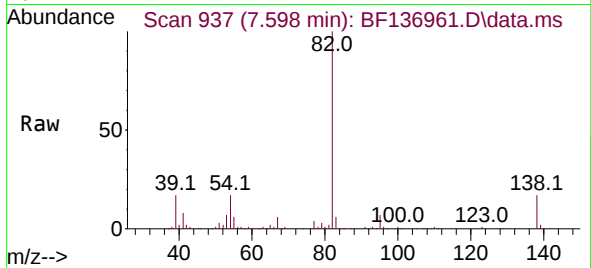
Tgt Ion: 77 Resp: 63825
 Ion Ratio Lower Upper
 77 100
 123 49.4 36.7 55.1
 65 13.3 11.8 17.6





#25
Isophorone
Concen: 20.234 ng
RT: 7.598 min Scan# 911
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

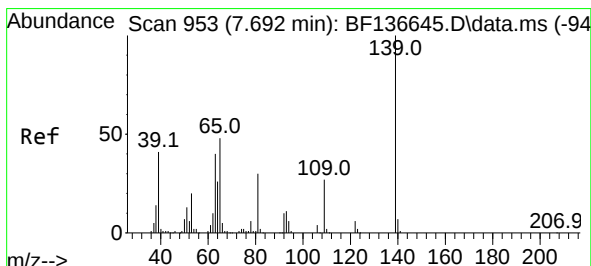
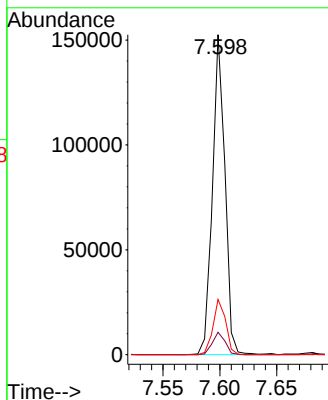
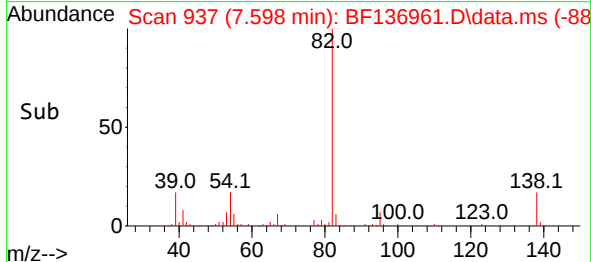
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



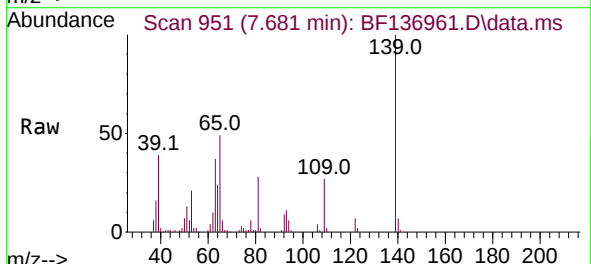
Tgt Ion: 82 Resp: 116459
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.3 14.5 21.7

Manual Integrations
APPROVED

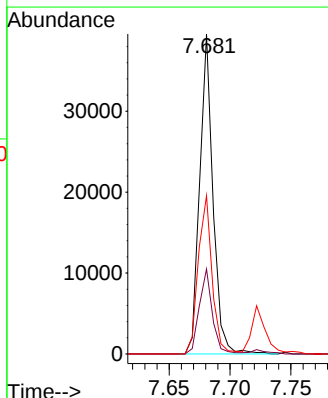
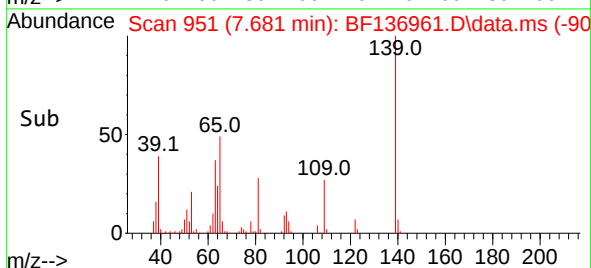
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

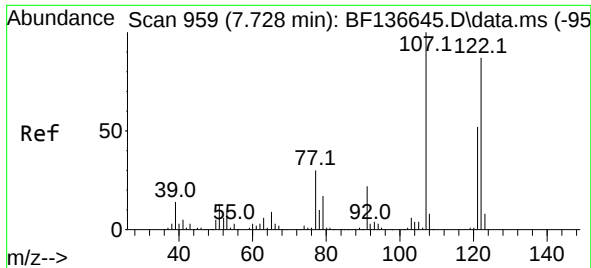


#26
2-Nitrophenol
Concen: 19.772 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



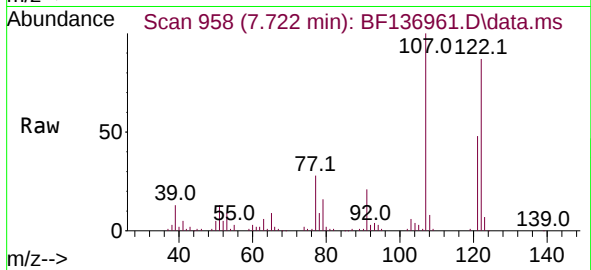
Tgt Ion:139 Resp: 29973
Ion Ratio Lower Upper
139 100
109 26.5 21.9 32.9
65 49.5 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 26.403 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

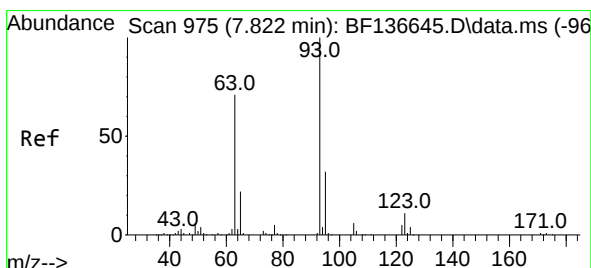
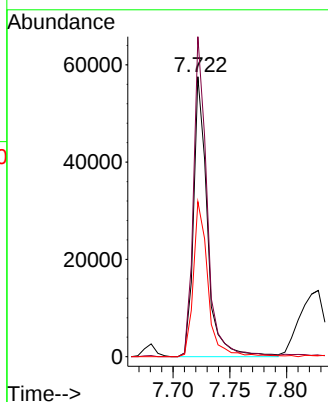
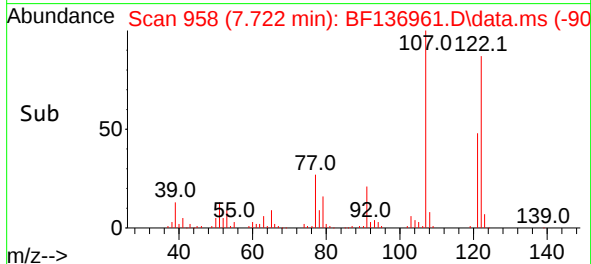
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:122 Resp: 48730
Ion Ratio Lower Upper
122 100
107 114.3 92.0 138.0
121 55.4 47.5 71.3

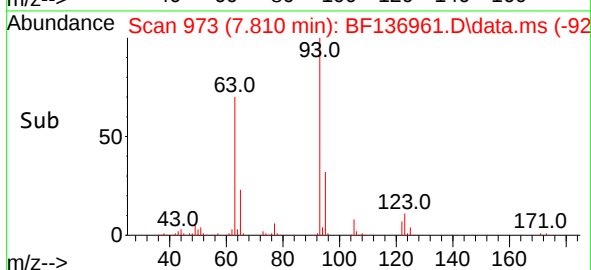
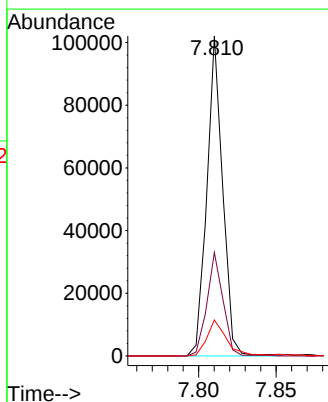
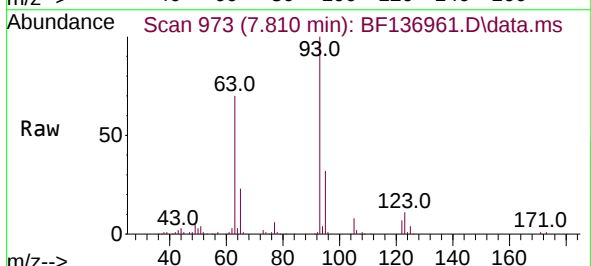
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 20.666 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion: 93 Resp: 72299
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 20.611 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136961.D

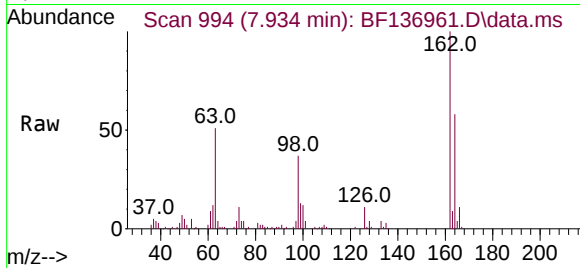
Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS



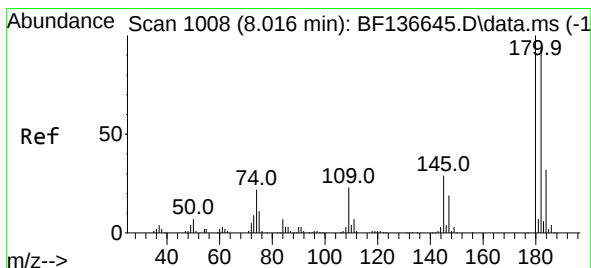
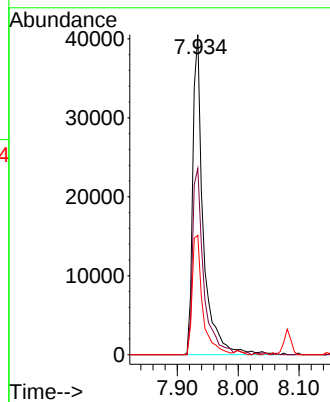
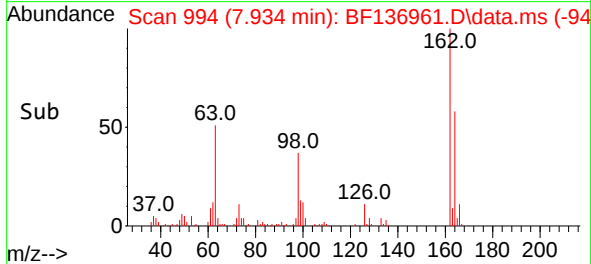
Tgt Ion:	162	Resp:	48972
Ion Ratio	Lower	Upper	
162	100		
164	58.2	41.7	81.7
98	37.3	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 20.951 ng

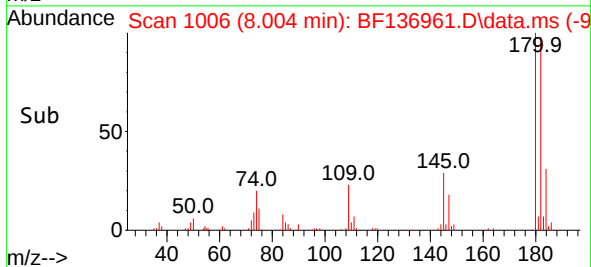
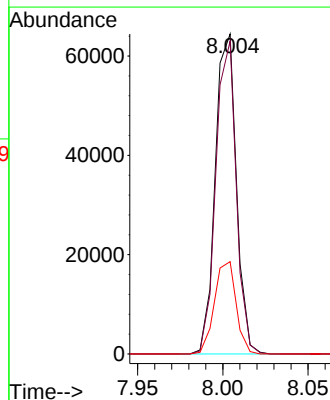
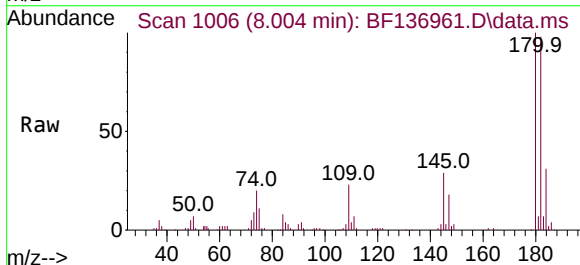
RT: 8.004 min Scan# 1006

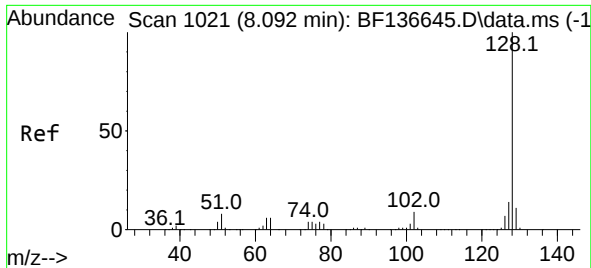
Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

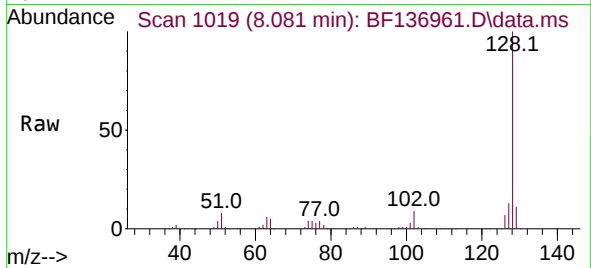
Tgt Ion:	180	Resp:	55466
Ion Ratio	Lower	Upper	
180	100		
182	97.8	75.4	113.0
145	28.8	23.1	34.7





#31
Naphthalene
Concen: 20.782 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

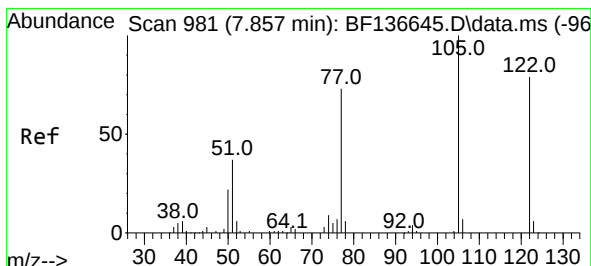
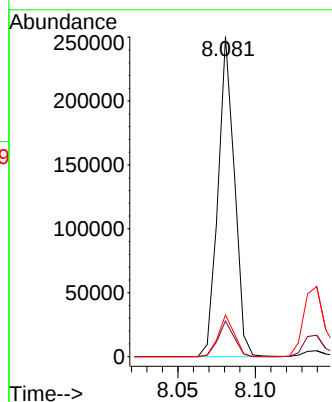
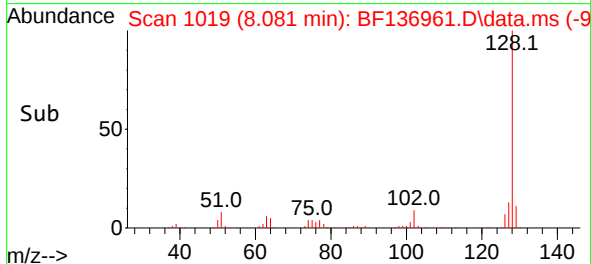
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:128 Resp: 184792
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.8 16.2

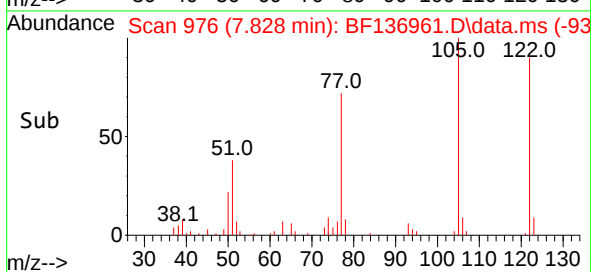
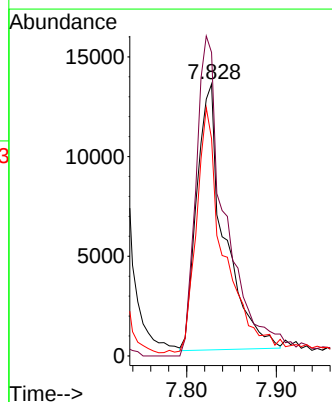
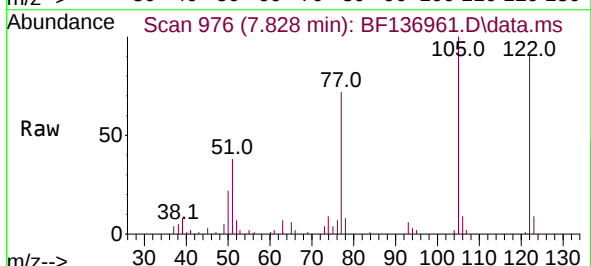
Manual Integrations
APPROVED

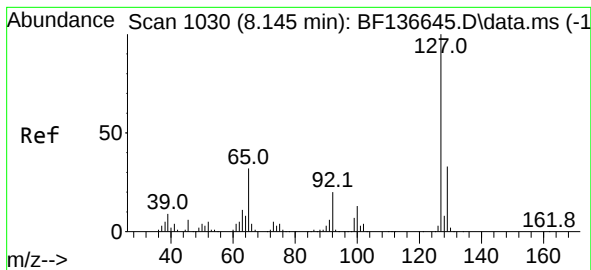
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#32
Benzoic acid
Concen: 15.926 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:122 Resp: 28440
Ion Ratio Lower Upper
122 100
105 111.7 100.8 140.8
77 80.0 70.9 110.9





#33
4-Chloroaniline
Concen: 18.077 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

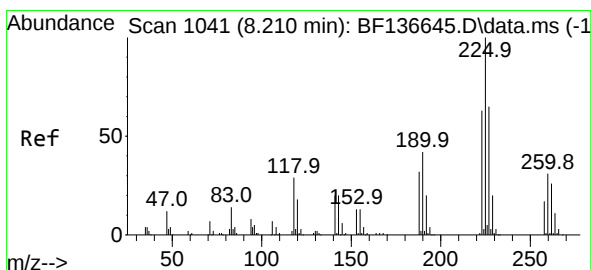
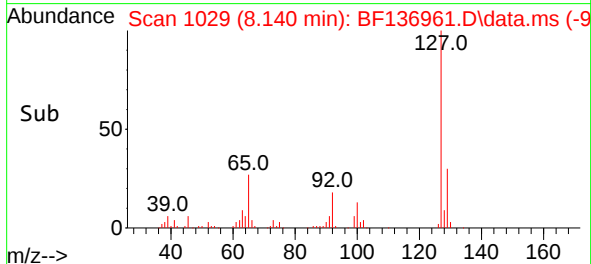
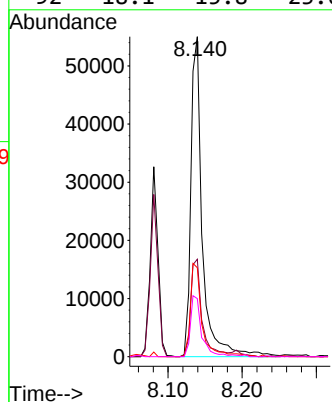
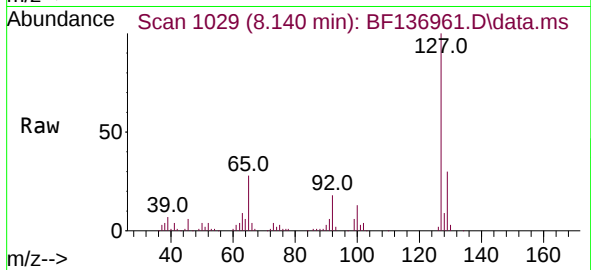
SU-04-01022024MS

Tgt Ion:127 Resp: 59348
Ion Ratio Lower Upper
127 100
129 30.5 26.3 39.5
65 27.8 25.8 38.8
92 18.1 15.8 23.6

Manual Integrations

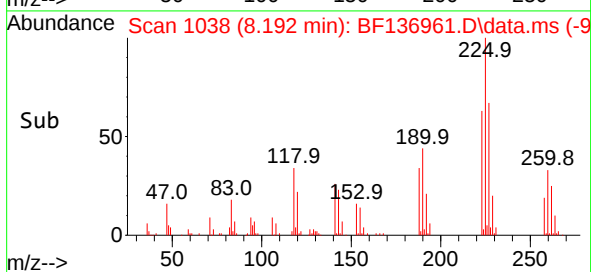
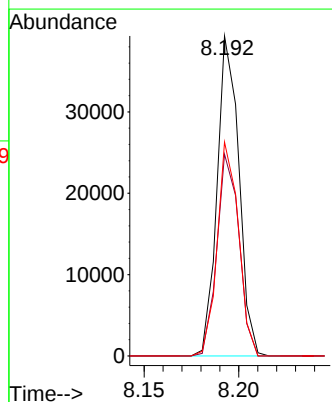
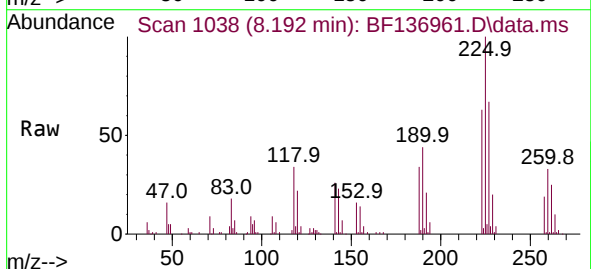
APPROVED

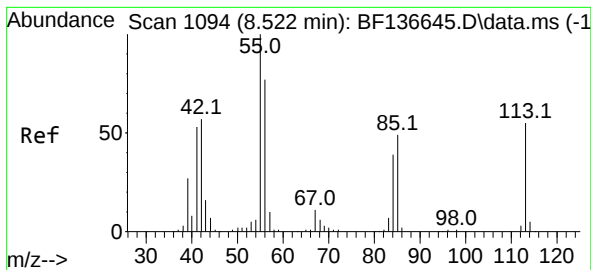
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#34
Hexachlorobutadiene
Concen: 19.564 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

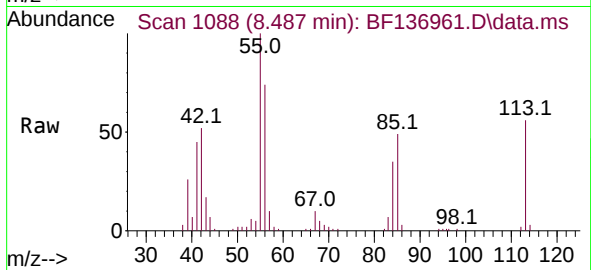
Tgt Ion:225 Resp: 31467
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 66.9 51.9 77.9





#35
Caprolactam
Concen: 21.669 ng
RT: 8.487 min Scan# 1094
Delta R.T. -0.035 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

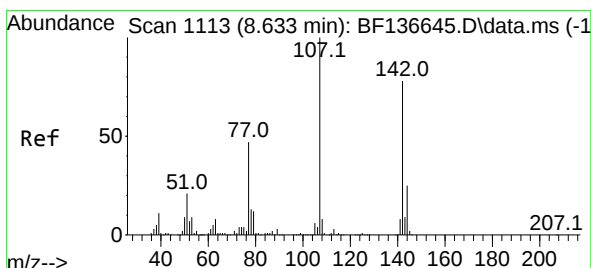
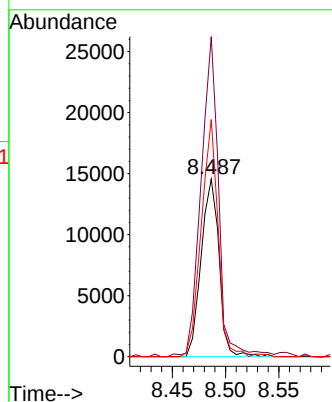
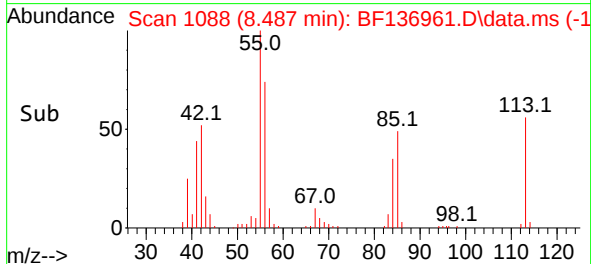
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:113 Resp: 1698
Ion Ratio Lower Upper
113 100
55 180.1 163.1 203.1
56 133.5 121.7 161.7

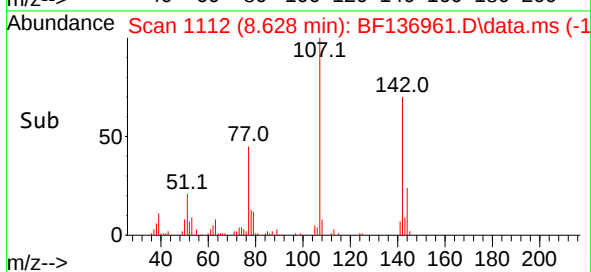
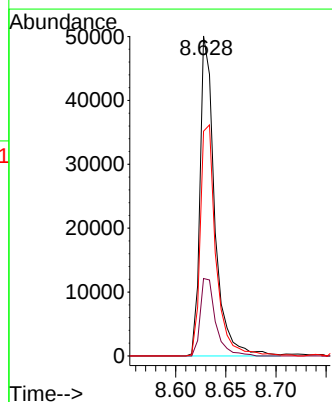
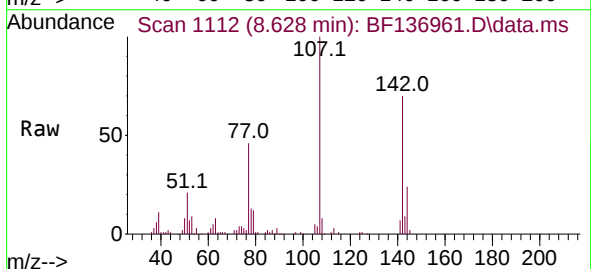
Manual Integrations
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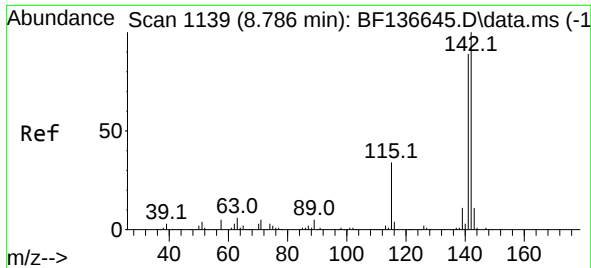
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#36
4-Chloro-3-methylphenol
Concen: 19.136 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

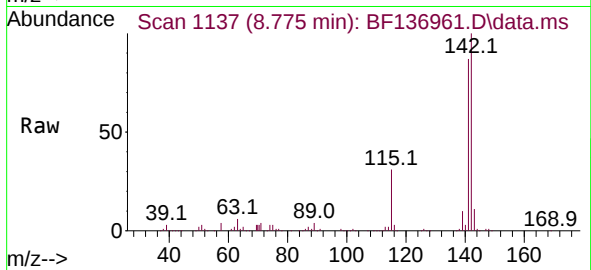
Tgt Ion:107 Resp: 51186
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.2
142 70.3 62.3 93.5





#37
2-Methylnaphthalene
Concen: 20.036 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

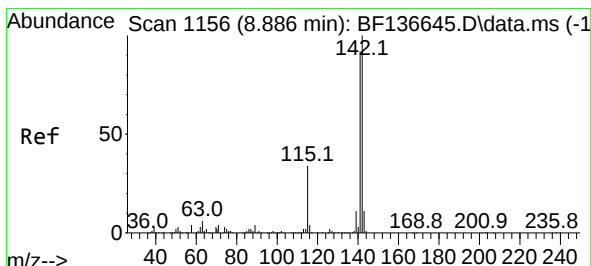
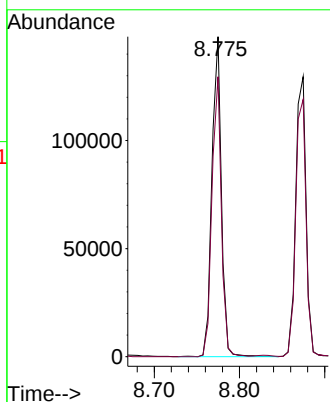
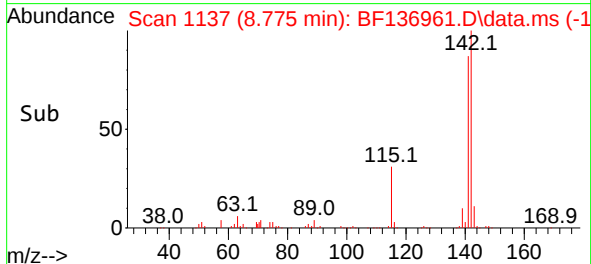
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:142 Resp: 114650
Ion Ratio Lower Upper
142 100
141 87.5 71.1 106.7

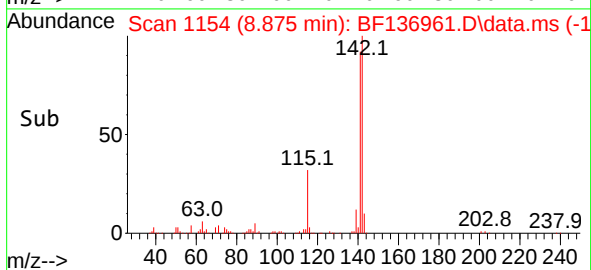
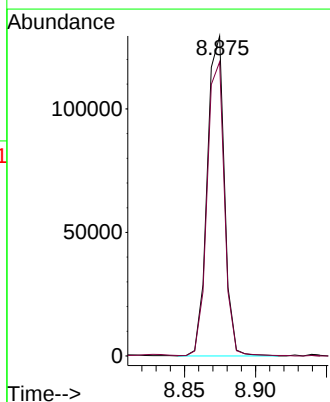
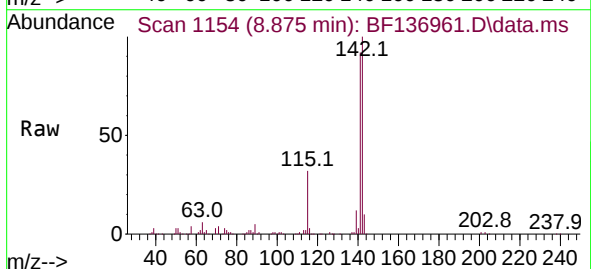
Manual Integrations
APPROVED

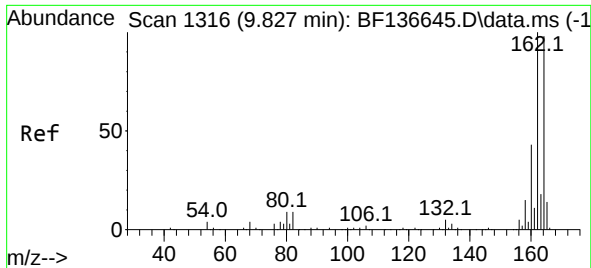
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#38
1-Methylnaphthalene
Concen: 19.489 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

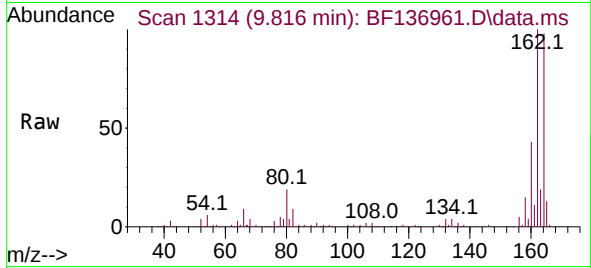
Tgt Ion:142 Resp: 109417
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

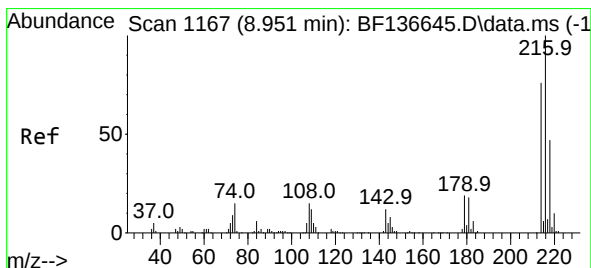
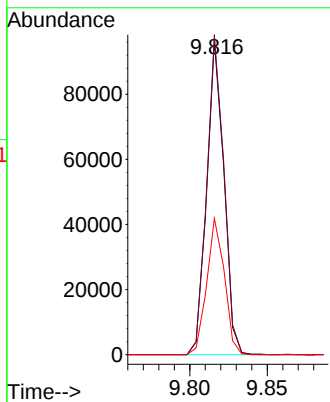
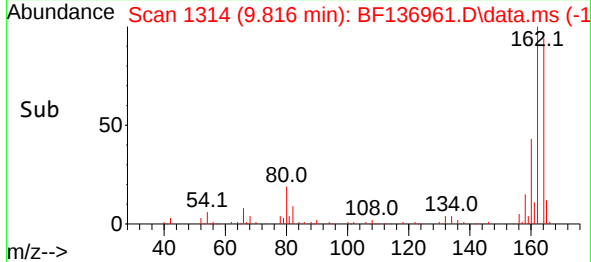
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



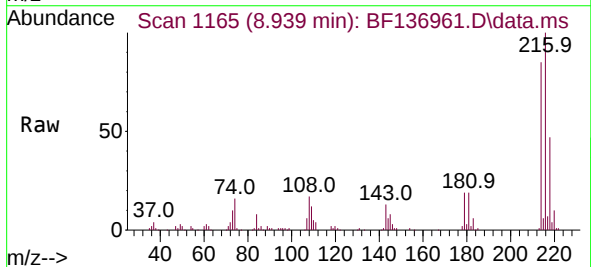
Tgt Ion:164 Resp: 74258
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 43.4 34.9 52.3

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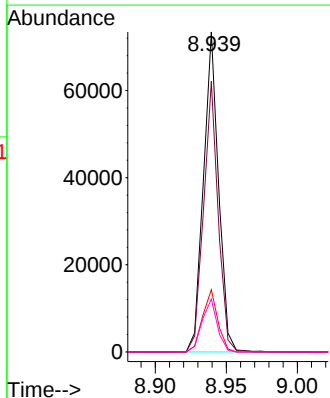
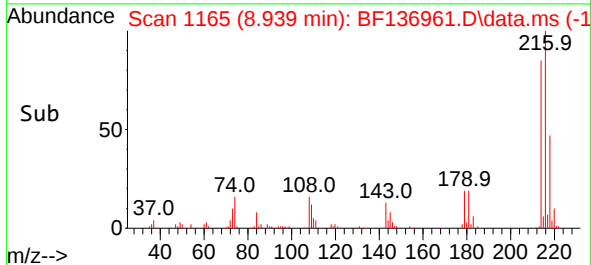
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.707 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



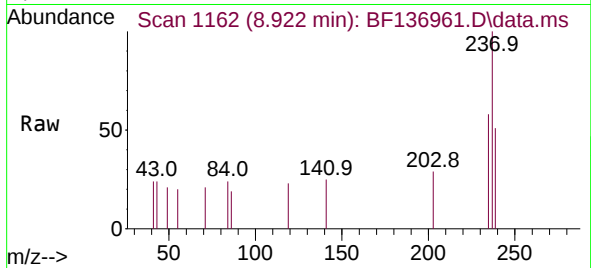
Tgt Ion:216 Resp: 54519
Ion Ratio Lower Upper
216 100
214 81.3 62.3 93.5
179 19.5 16.4 24.6
108 16.5 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 5.509 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

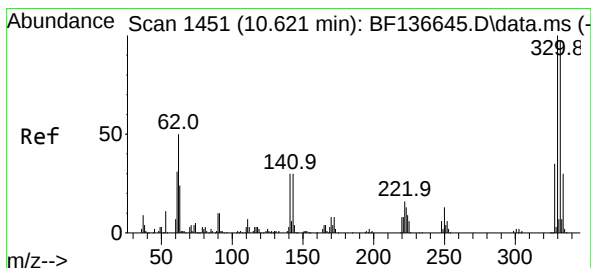
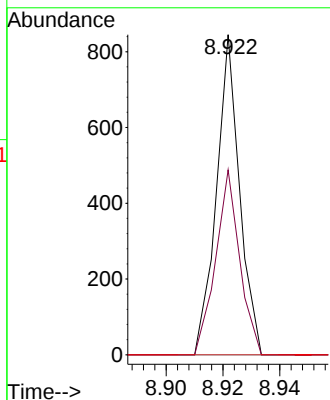
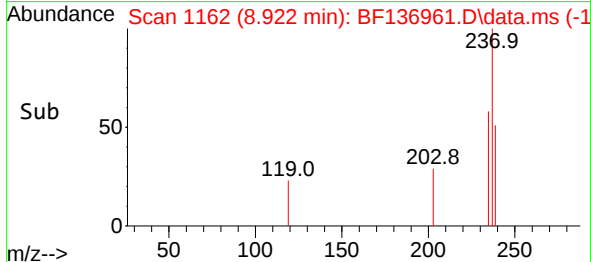
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



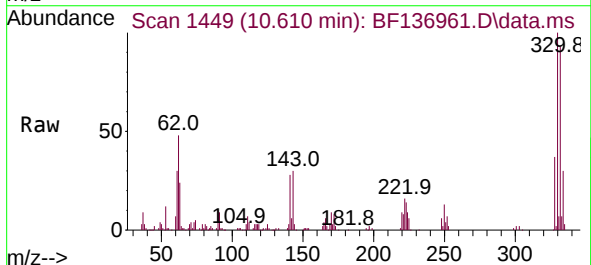
Tgt Ion: 237 Resp: 477
Ion Ratio Lower Upper
237 100
235 57.8 43.2 83.2
272 0.0 0.0 34.2

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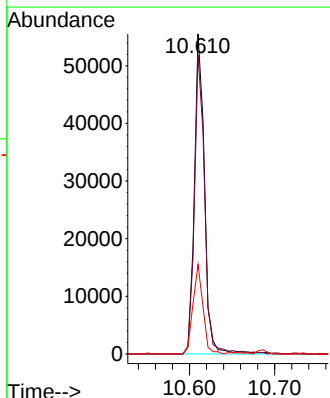
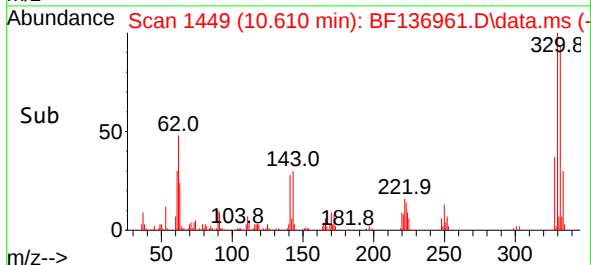
Reviewed By : Yogesh Patel 01/05/2024
Supervised By : mohammad ahmed 01/05/2024



#42
2,4,6-Tribromophenol
Concen: 52.450 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



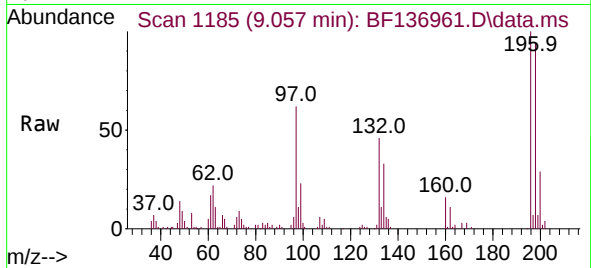
Tgt Ion: 330 Resp: 45870
Ion Ratio Lower Upper
330 100
332 93.3 77.4 116.0
141 27.4 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 22.330 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

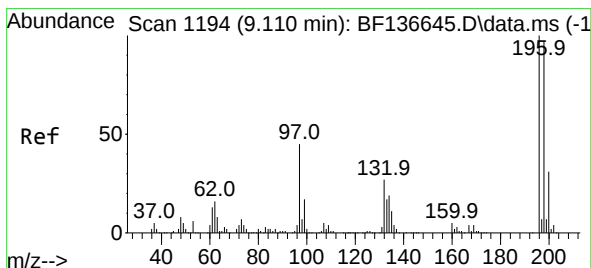
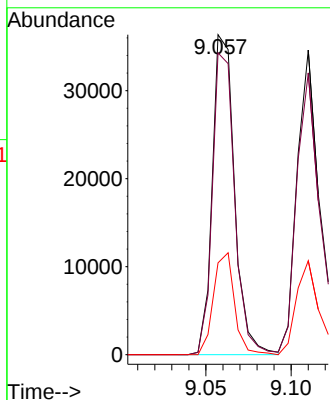
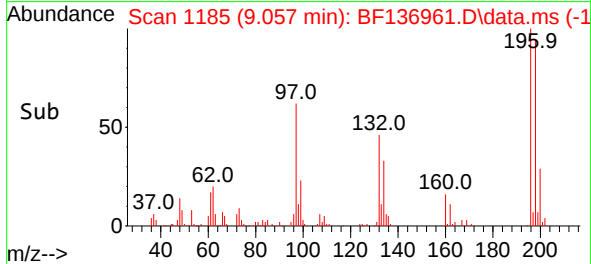
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



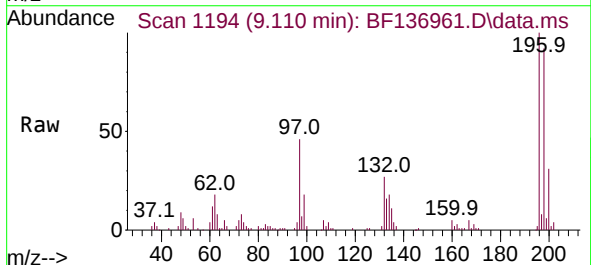
Tgt Ion:196 Resp: 3293
Ion Ratio Lower Upper
196 100
198 94.3 75.1 112.7
200 28.7 22.5 33.7

Manual Integrations
APPROVED

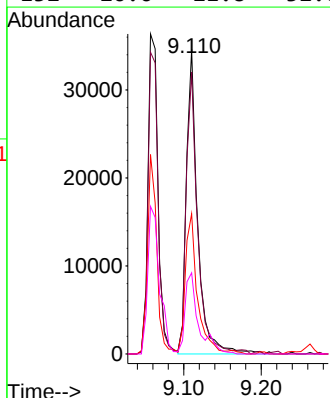
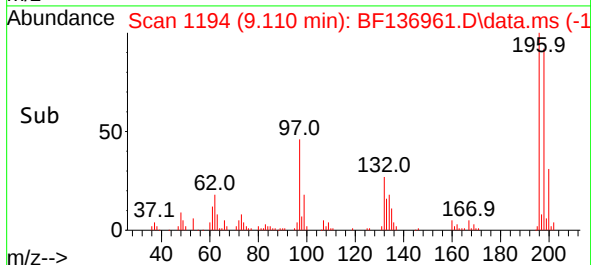
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

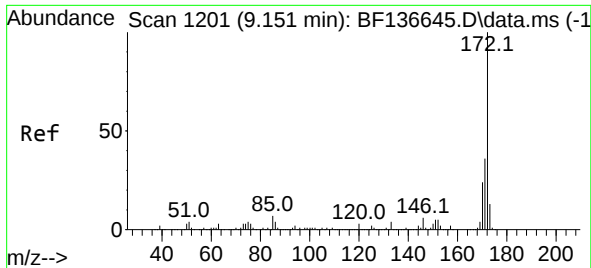


#44
2,4,5-Trichlorophenol
Concen: 21.422 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



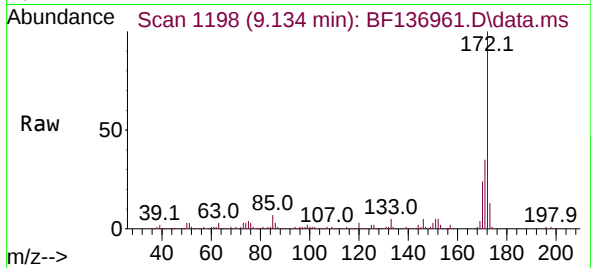
Tgt Ion:196 Resp: 35207
Ion Ratio Lower Upper
196 100
198 92.5 77.0 115.6
97 46.0 36.1 54.1
132 26.6 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 40.878 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

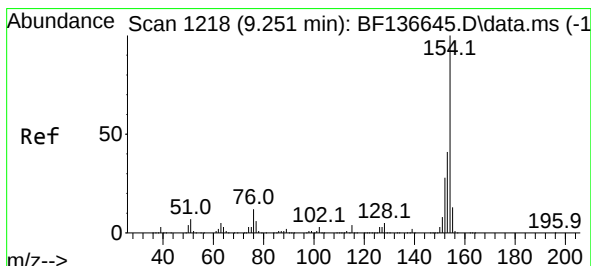
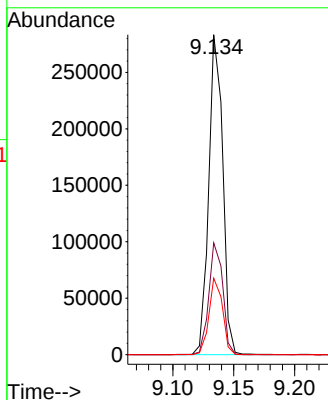
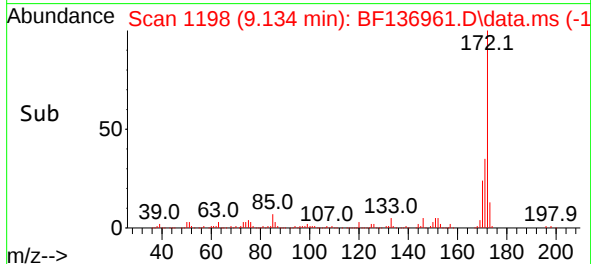
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



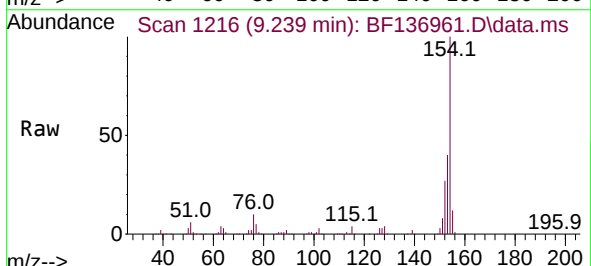
Tgt Ion:172 Resp: 22569
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.9 19.0 28.4

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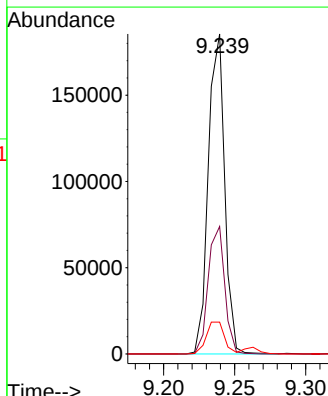
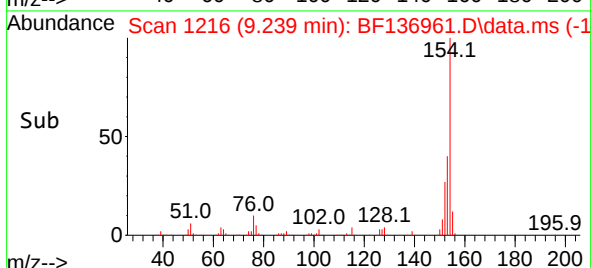
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#46
1,1'-Biphenyl
Concen: 23.910 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



Tgt Ion:154 Resp: 148995
Ion Ratio Lower Upper
154 100
153 39.9 21.1 61.1
76 9.9 0.0 31.7





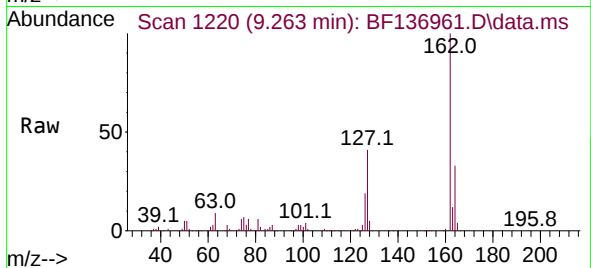
#47
2-Chloronaphthalene
Concen: 22.216 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

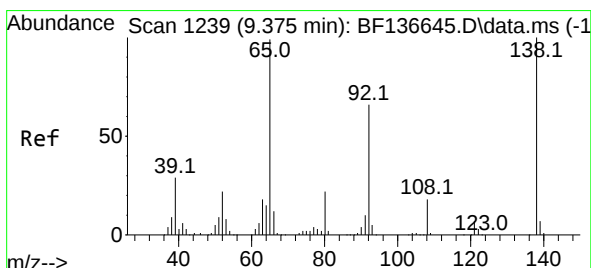
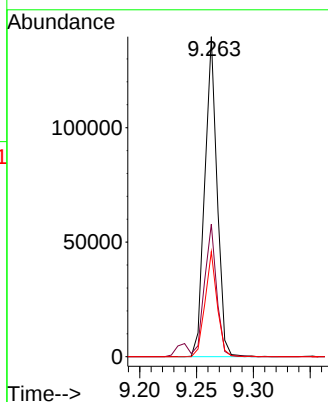
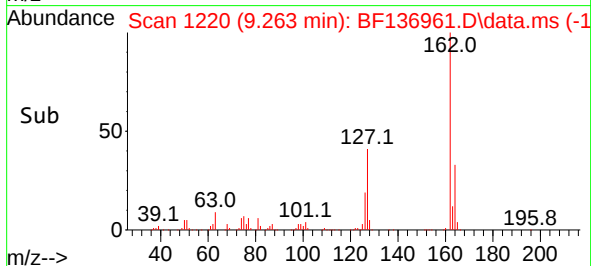
SU-04-01022024MS



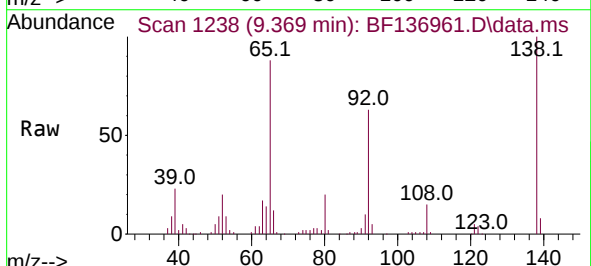
Tgt Ion:162 Resp: 105240
Ion Ratio Lower Upper
162 100
127 41.4 33.6 50.4
164 32.8 25.7 38.5

Manual Integrations
APPROVED

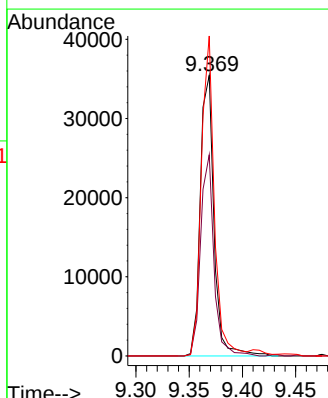
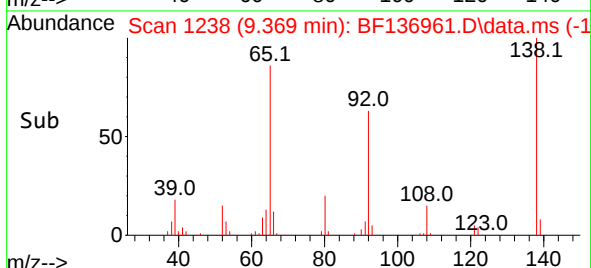
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

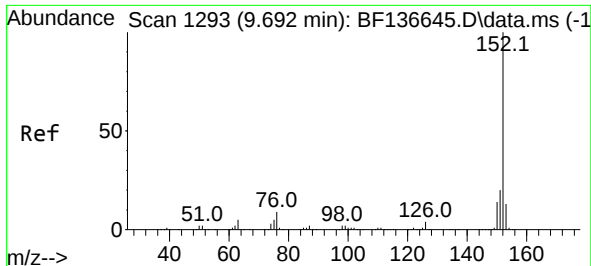


#48
2-Nitroaniline
Concen: 21.470 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



Tgt Ion: 65 Resp: 31849
Ion Ratio Lower Upper
65 100
92 71.7 53.2 79.8
138 114.0 81.1 121.7





#49

Acenaphthylene

Concen: 23.810 ng

RT: 9.681 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF136961.D

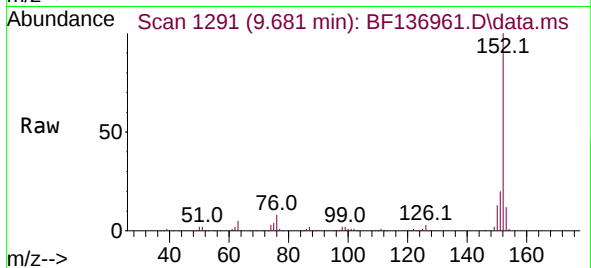
Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS



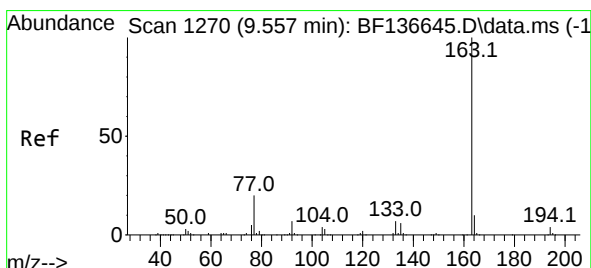
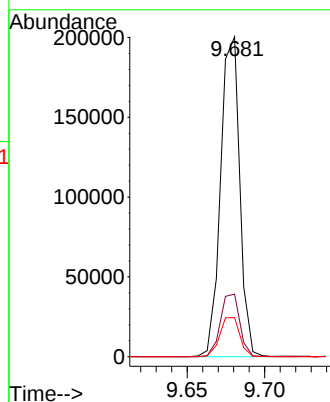
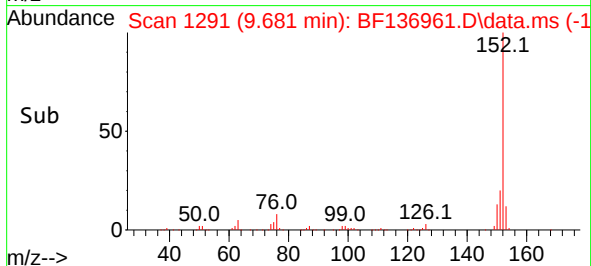
Tgt Ion:	152	Resp:	17240
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	12.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#50

Dimethylphthalate

Concen: 22.179 ng

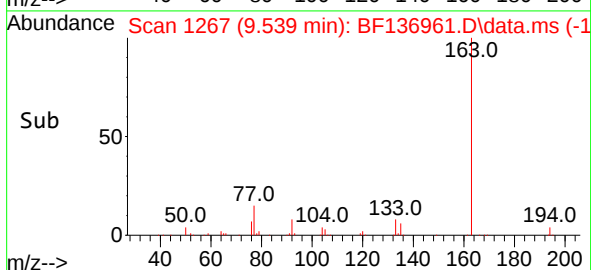
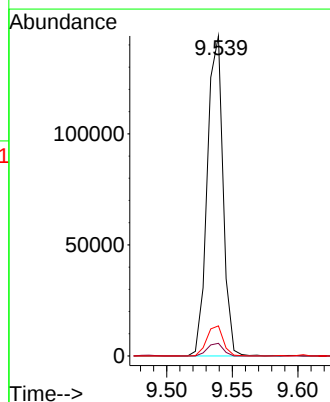
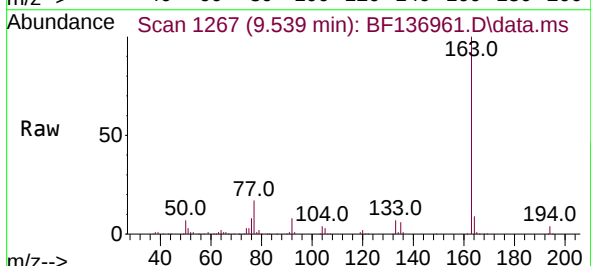
RT: 9.539 min Scan# 1267

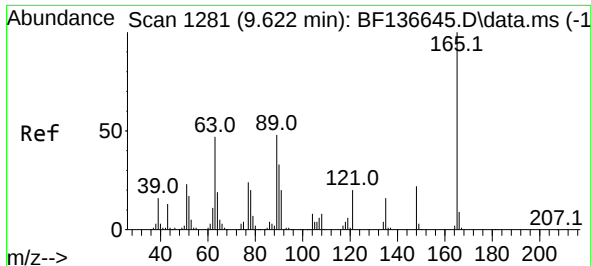
Delta R.T. -0.017 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:	163	Resp:	120297
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	9.4	7.8	11.6





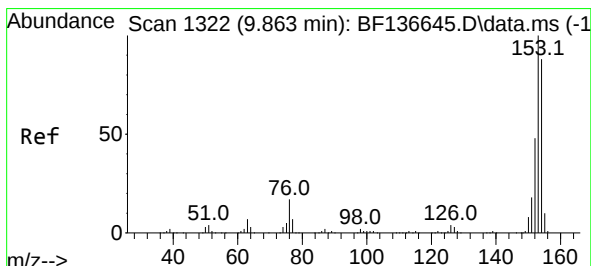
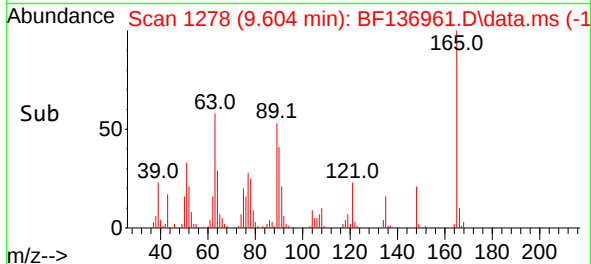
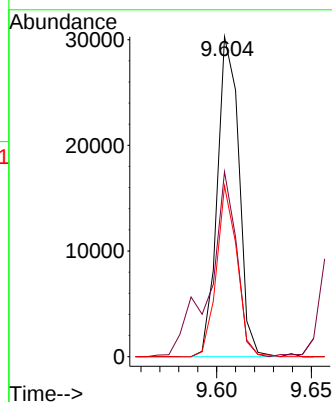
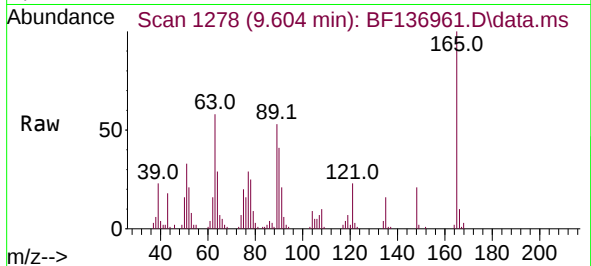
#51
2,6-Dinitrotoluene
Concen: 19.551 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion:165 Resp: 2406
Ion Ratio Lower Upper
165 100
63 57.8 39.8 59.6
89 53.4 38.8 58.2

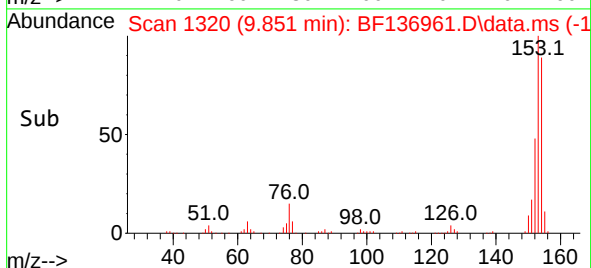
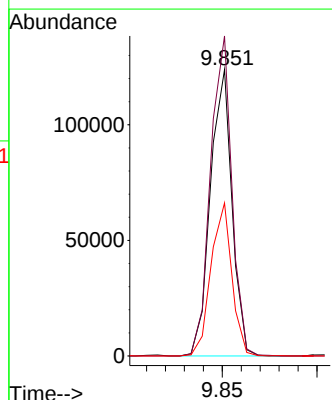
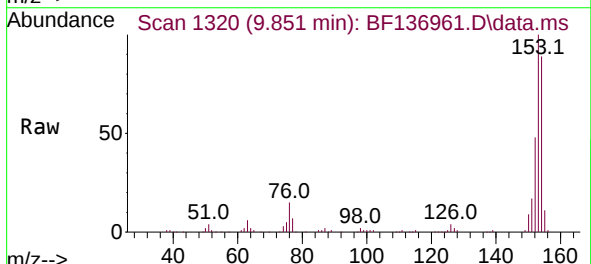
Manual Integrations
APPROVED

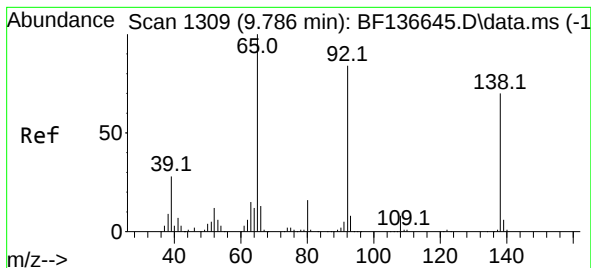
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#52
Acenaphthene
Concen: 21.917 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:154 Resp: 98373
Ion Ratio Lower Upper
154 100
153 111.7 90.7 136.1
152 53.4 43.7 65.5





#53

3-Nitroaniline

Concen: 21.209 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

Tgt Ion:138 Resp: 27650

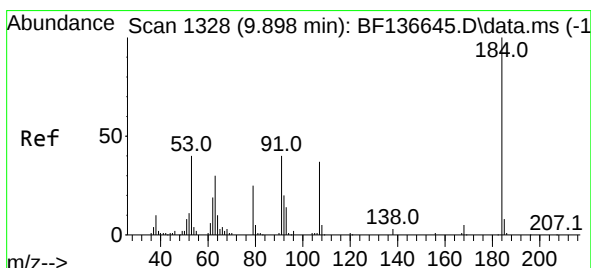
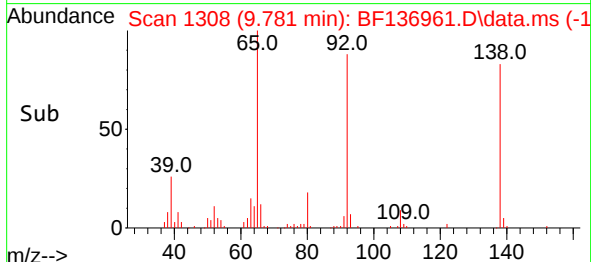
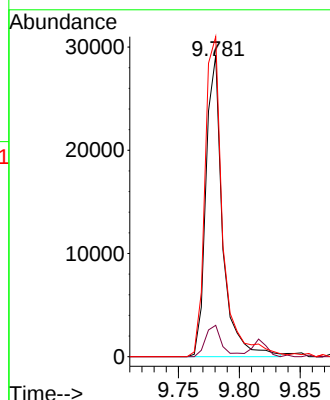
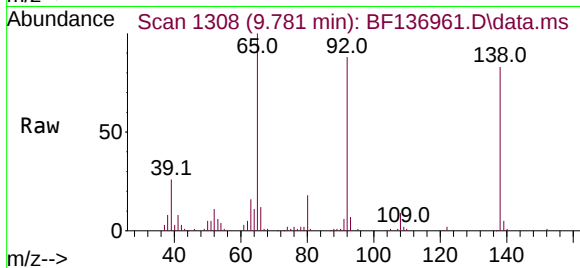
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	12.8
92	106.2	95.2	142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#54

2,4-Dinitrophenol

Concen: 5.447 ng

RT: 9.904 min Scan# 1329

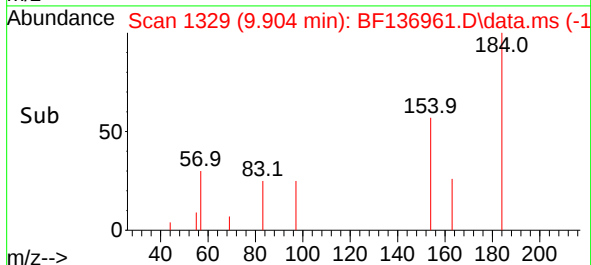
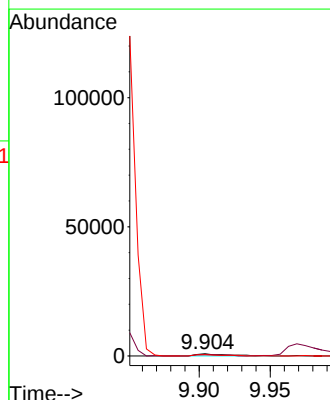
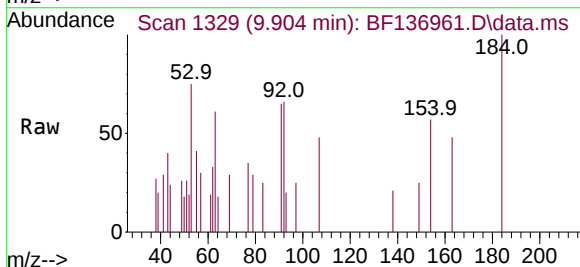
Delta R.T. 0.006 min

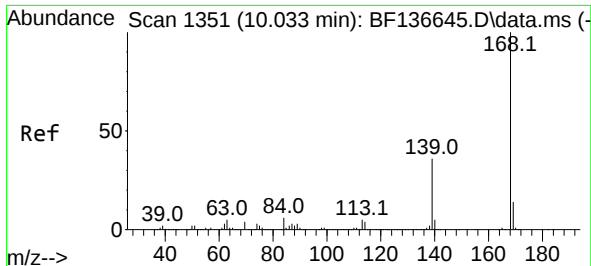
Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:184 Resp: 1225

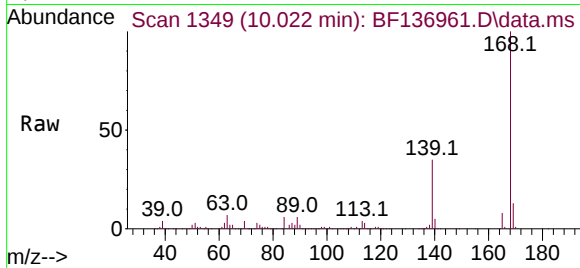
Ion	Ratio	Lower	Upper
184	100		
63	61.3	40.9	61.3
154	56.8	42.7	64.1





#55
Dibenzenofuran
Concen: 22.477 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

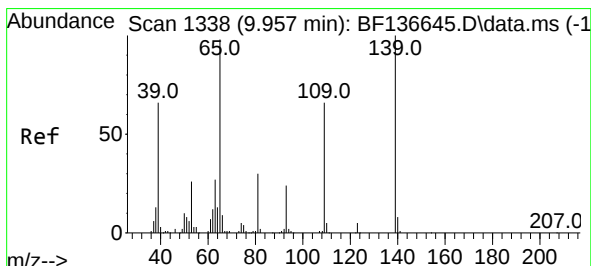
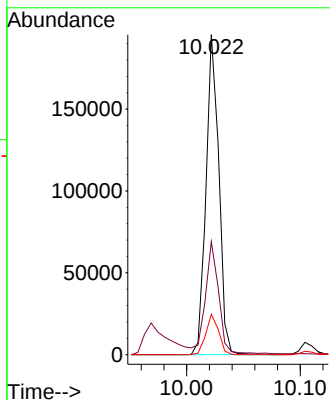
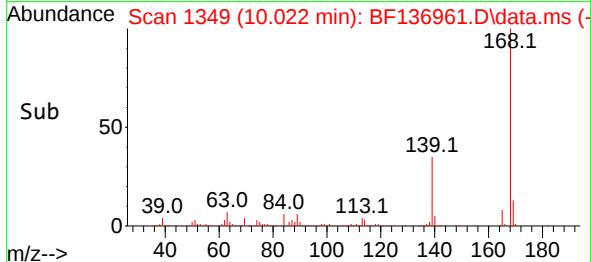
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:168 Resp: 15293
Ion Ratio Lower Upper
168 100
139 35.3 29.3 43.9
169 12.7 11.0 16.4

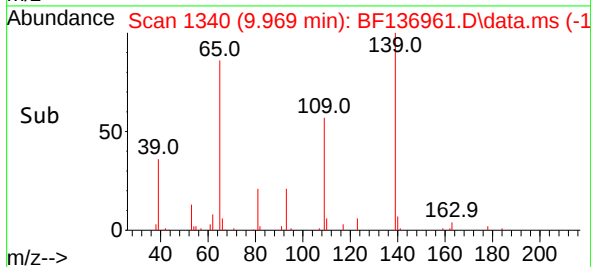
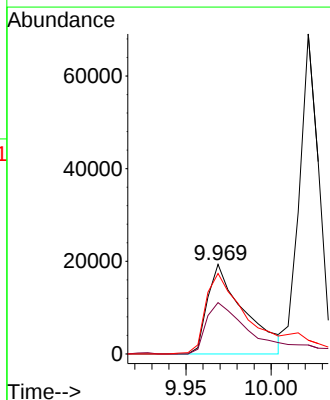
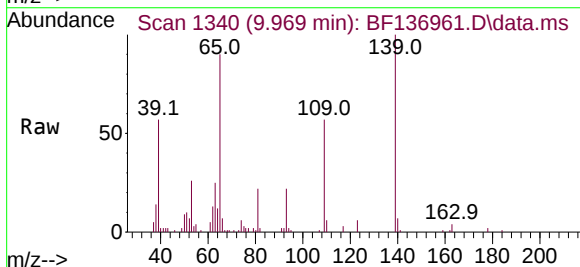
Manual Integrations
APPROVED

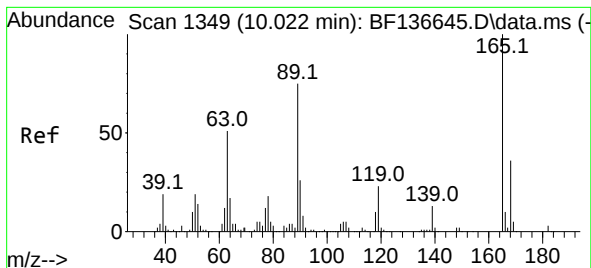
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#56
4-Nitrophenol
Concen: 32.673 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

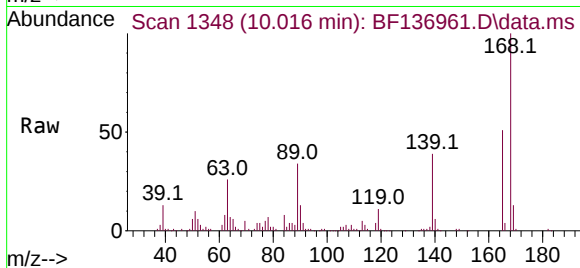
Tgt Ion:139 Resp: 28761
Ion Ratio Lower Upper
139 100
109 57.3 45.8 85.8
65 89.9 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 19.176 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

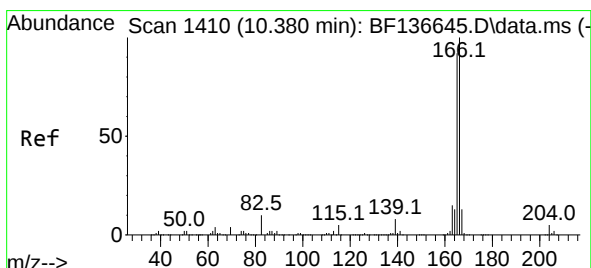
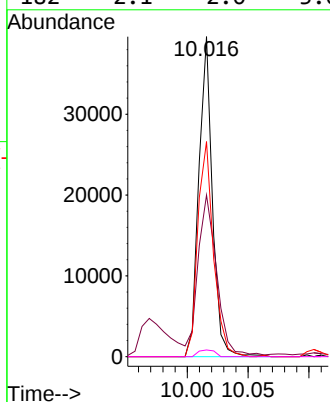
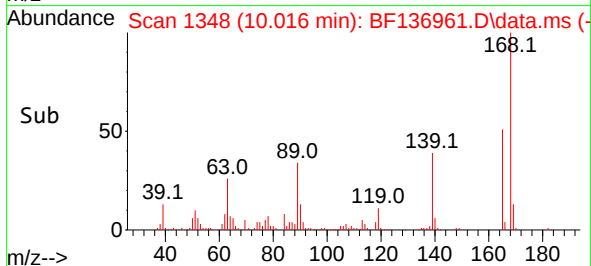
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



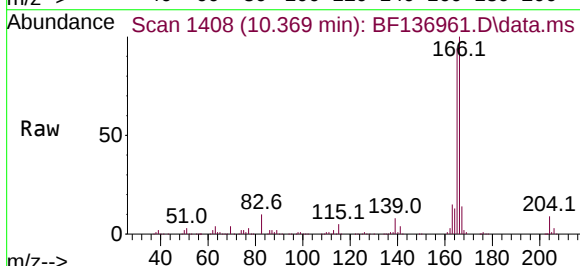
Tgt Ion:165 Resp: 3064
Ion Ratio Lower Upper
165 100
63 50.5 41.0 61.6
89 67.2 59.9 89.9
182 2.1 2.0 3.0

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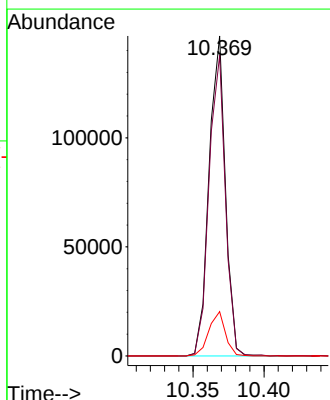
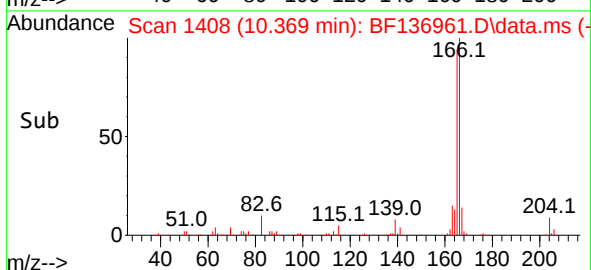
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

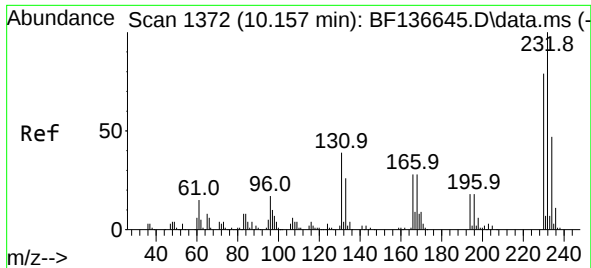


#58
Fluorene
Concen: 21.624 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



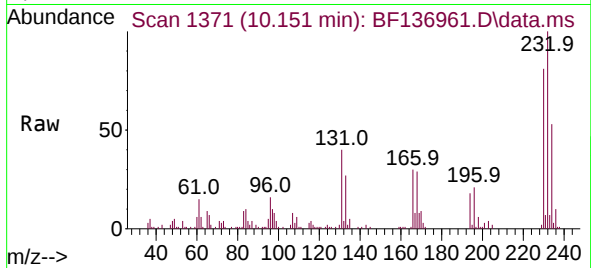
Tgt Ion:166 Resp: 116736
Ion Ratio Lower Upper
166 100
165 93.9 73.7 110.5
167 13.9 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 22.058 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

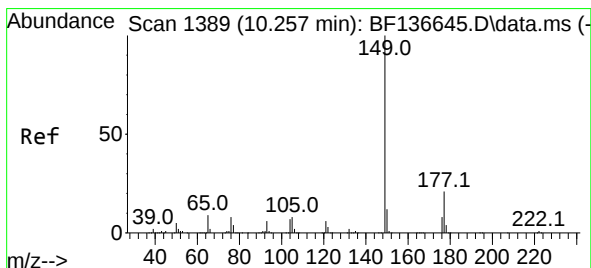
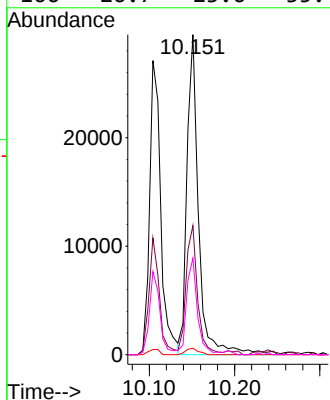
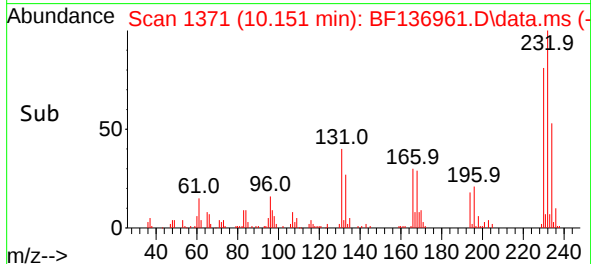
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:232 Resp: 2790
Ion Ratio Lower Upper
232 100
131 38.1 35.1 52.7
130 2.2 1.6 2.4
166 26.7 23.6 35.4

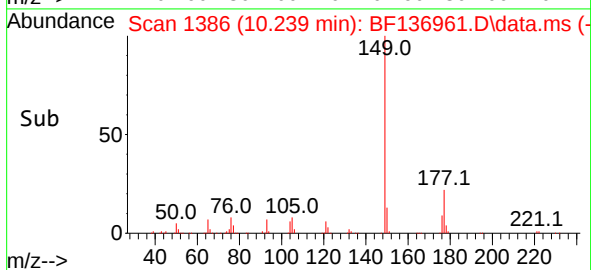
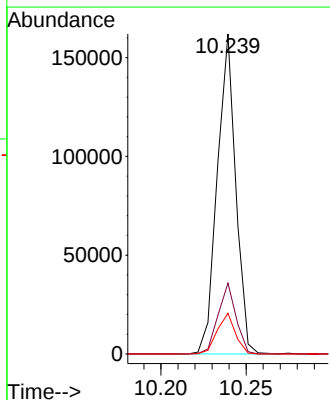
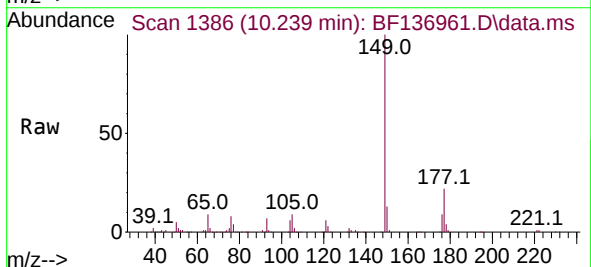
Manual Integrations
APPROVED

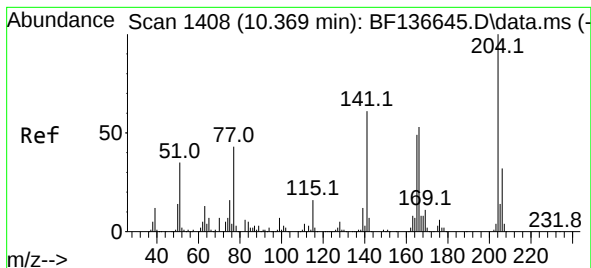
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#60
Diethylphthalate
Concen: 21.755 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.017 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

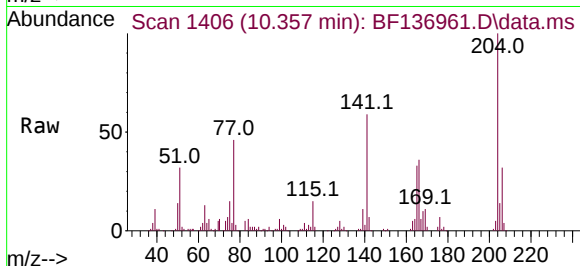
Tgt Ion:149 Resp: 122429
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.7 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 21.656 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

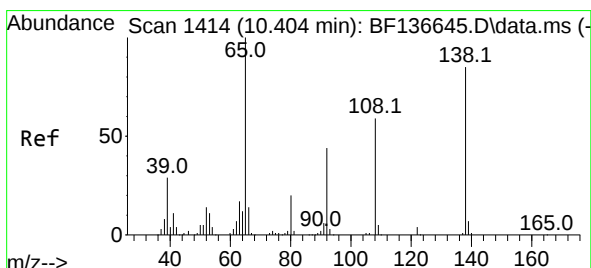
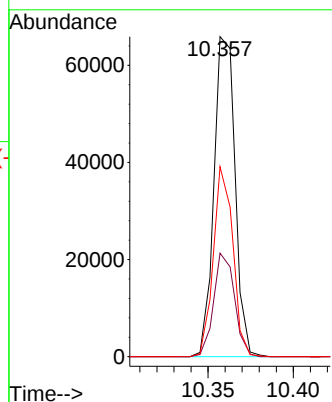
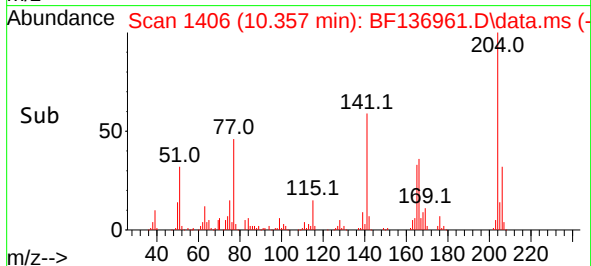
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:204 Resp: 5682
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 59.4 48.4 72.6

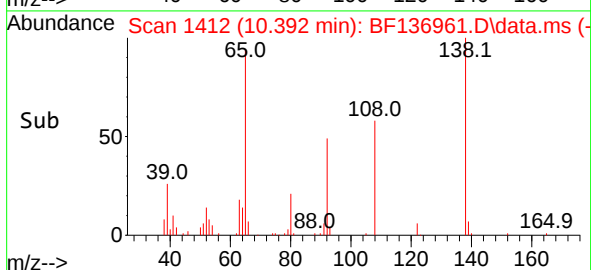
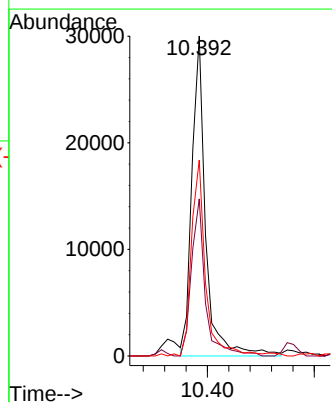
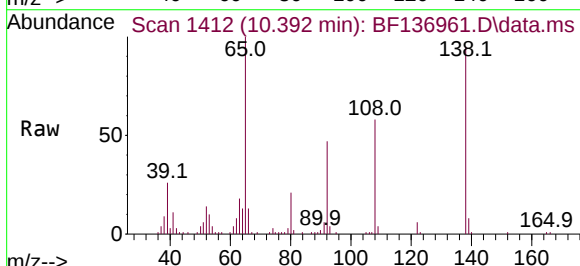
Manual Integrations
APPROVED

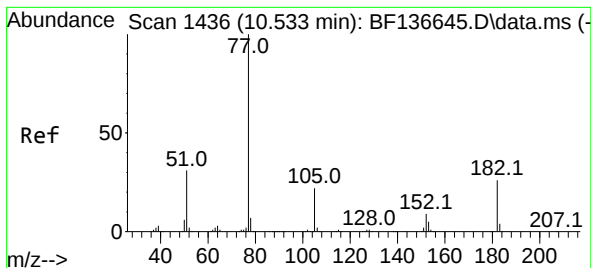
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#62
4-Nitroaniline
Concen: 21.293 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

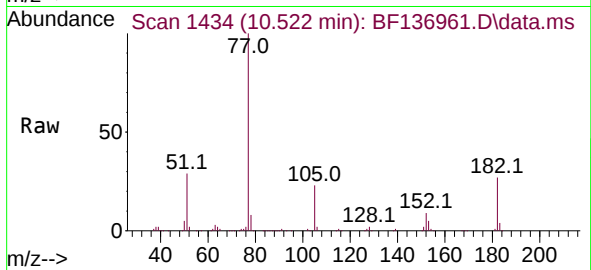
Tgt Ion:138 Resp: 26767
Ion Ratio Lower Upper
138 100
92 49.1 32.1 72.1
108 61.2 50.1 90.1





#63
Azobenzene
Concen: 20.445 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

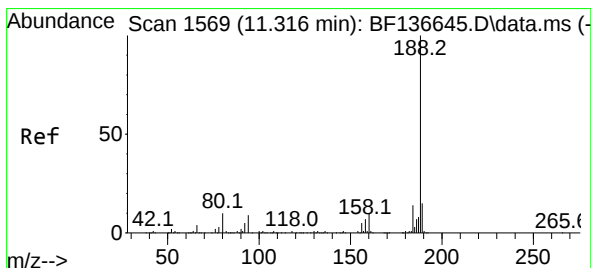
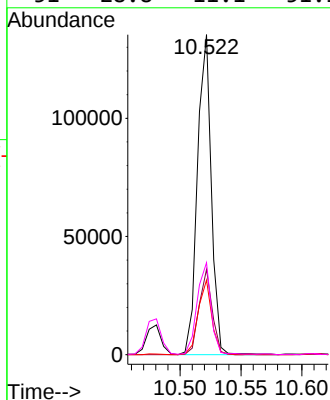
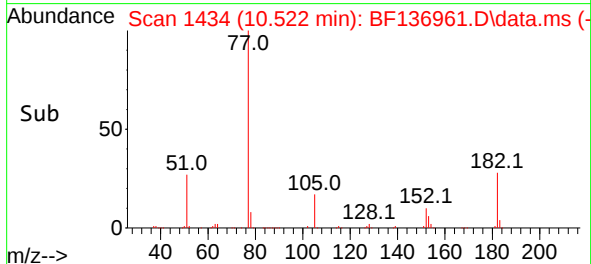
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



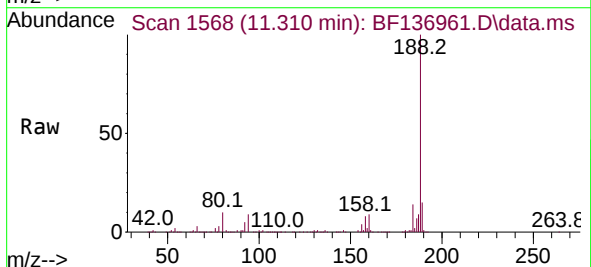
Tgt Ion: 77 Resp: 107461
Ion Ratio Lower Upper
77 100
182 26.7 6.0 46.0
105 23.3 2.3 42.3
51 28.8 11.1 51.1

Manual Integrations
APPROVED

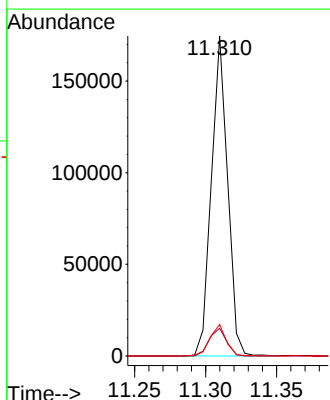
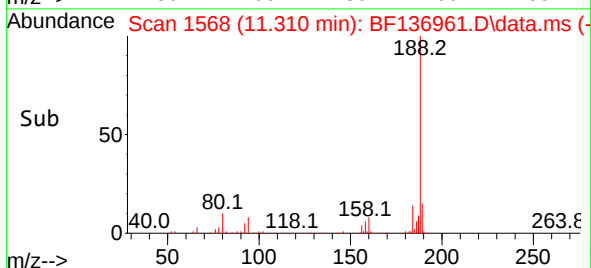
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

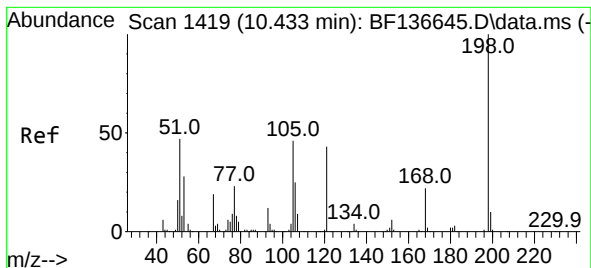


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



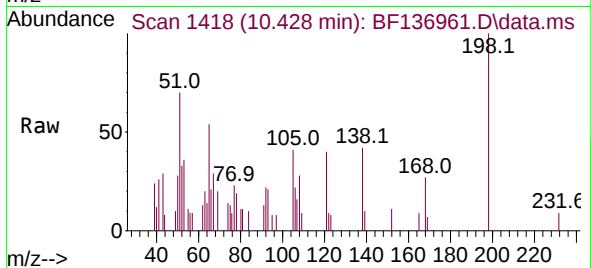
Tgt Ion:188 Resp: 138982
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.8 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 2.003 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

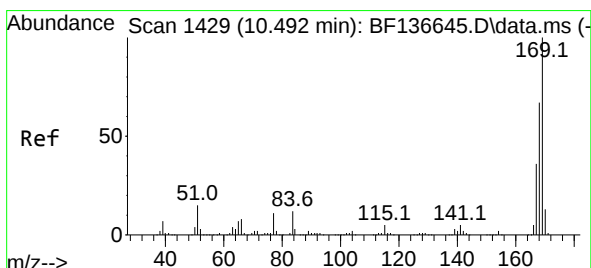
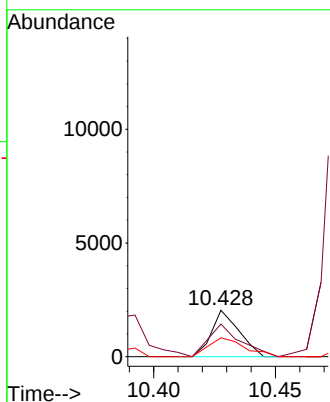
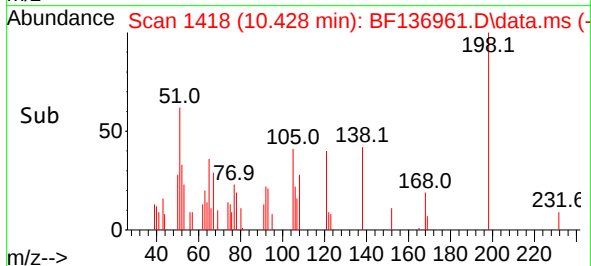
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



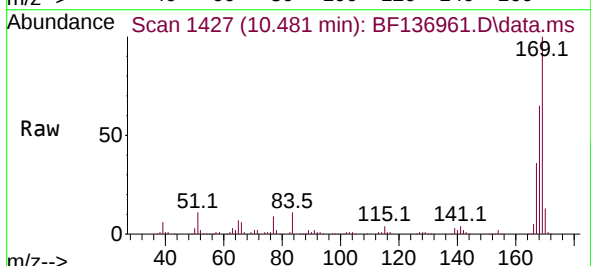
Tgt Ion:198 Resp: 159
Ion Ratio Lower Upper
198 100
51 70.3 34.1 74.1
105 40.8 27.3 67.3

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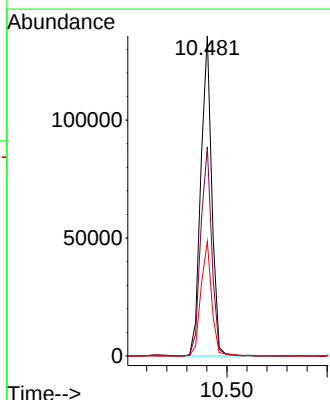
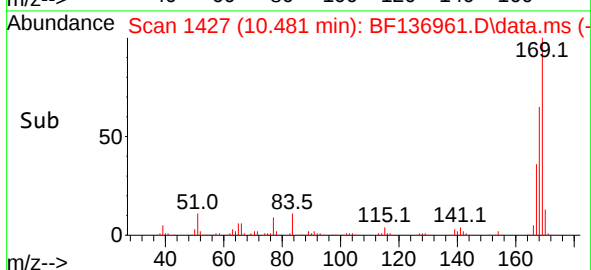
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

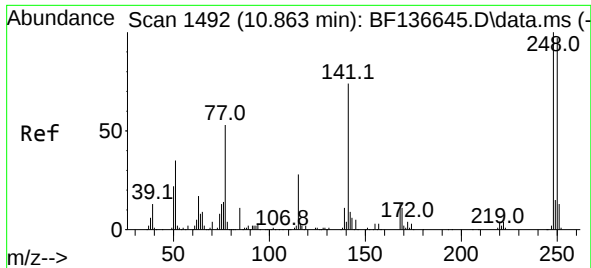


#66
n-Nitrosodiphenylamine
Concen: 22.845 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



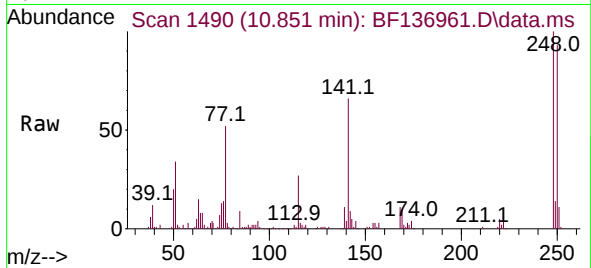
Tgt Ion:169 Resp: 103138
Ion Ratio Lower Upper
169 100
168 65.3 53.8 80.6
167 35.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 21.486 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

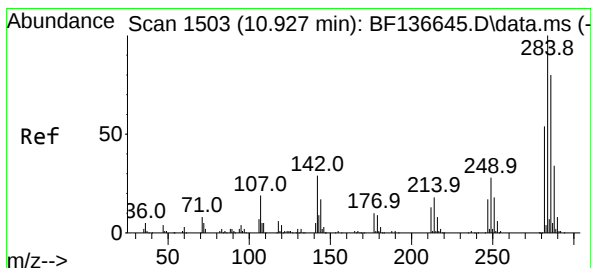
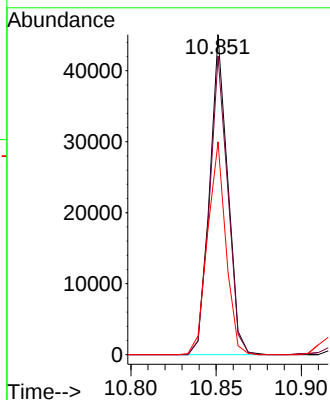
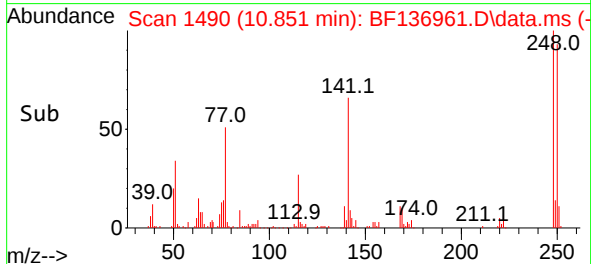
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



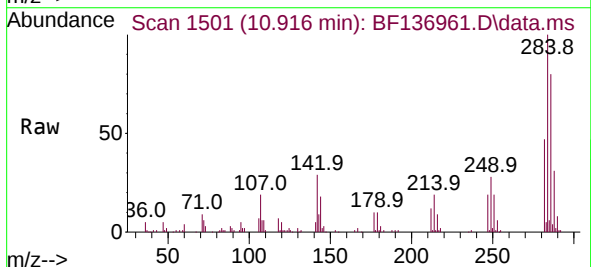
Tgt Ion:248 Resp: 3316
Ion Ratio Lower Upper
248 100
250 93.3 77.8 116.6
141 66.5 59.2 88.8

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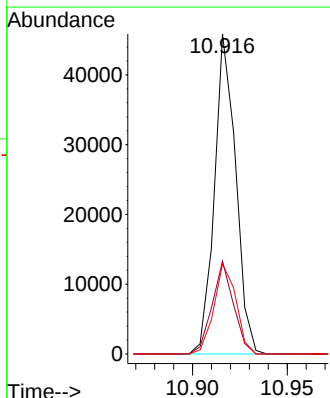
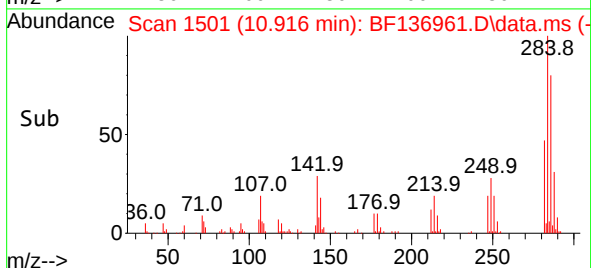
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#68
Hexachlorobenzene
Concen: 20.812 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



Tgt Ion:284 Resp: 35799
Ion Ratio Lower Upper
284 100
142 29.0 23.4 35.0
249 28.1 22.3 33.5





#69

Atrazine

Concen: 29.358 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

Tgt Ion:200 Resp: 3390

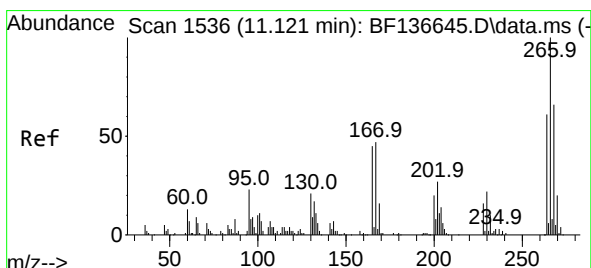
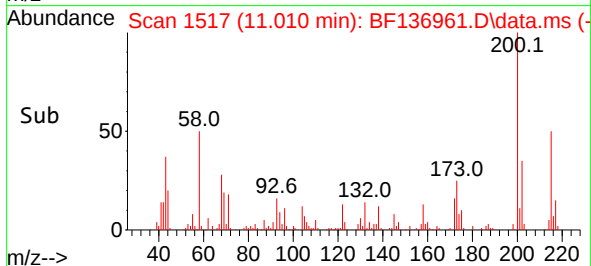
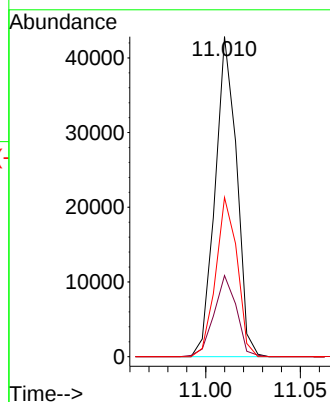
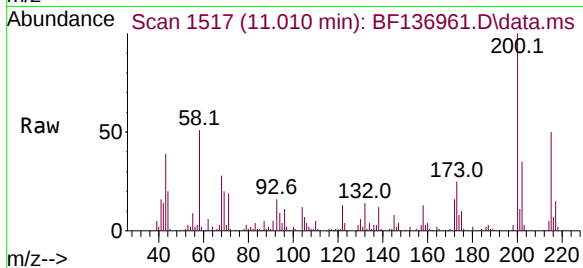
Ion	Ratio	Lower	Upper
200	100		
173	25.4	7.6	47.6
215	49.7	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#70

Pentachlorophenol

Concen: 34.365 ng

RT: 11.122 min Scan# 1536

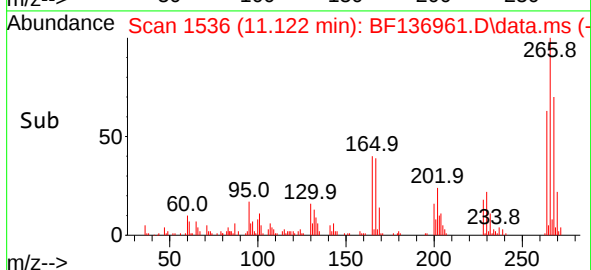
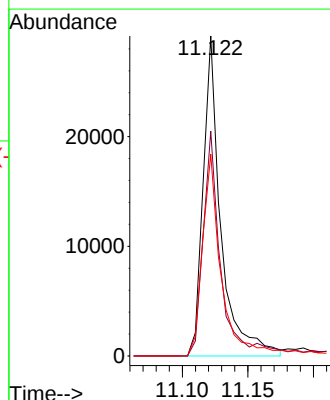
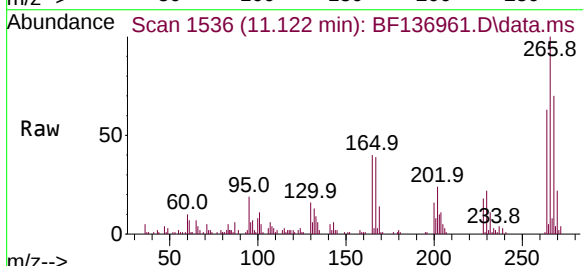
Delta R.T. 0.000 min

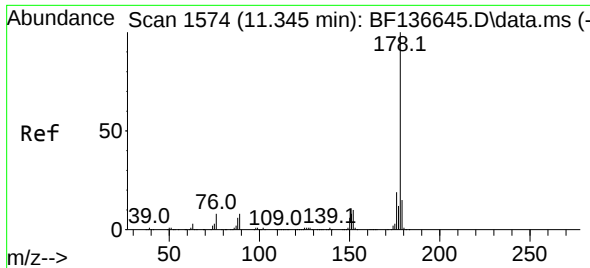
Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:266 Resp: 27552

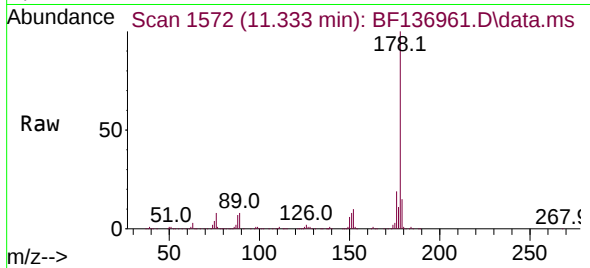
Ion	Ratio	Lower	Upper
266	100		
268	70.2	52.6	78.8
264	63.1	49.0	73.4





#71
Phenanthrene
Concen: 24.417 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

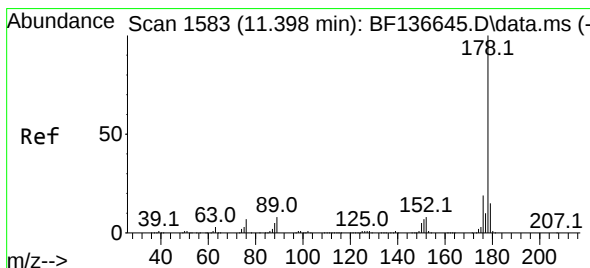
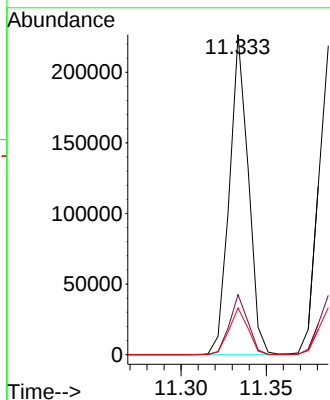
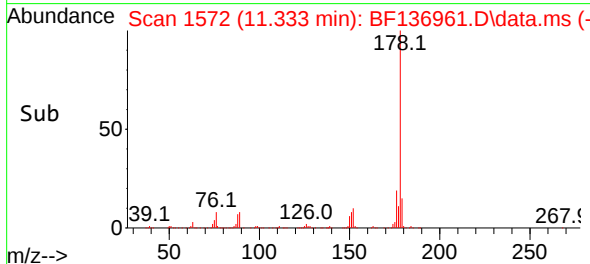
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



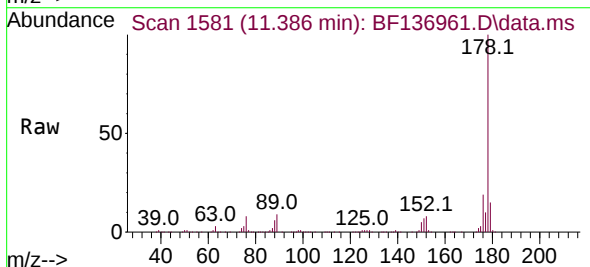
Tgt Ion:178 Resp: 17412
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 14.6 11.9 17.9

Manual Integrations
APPROVED

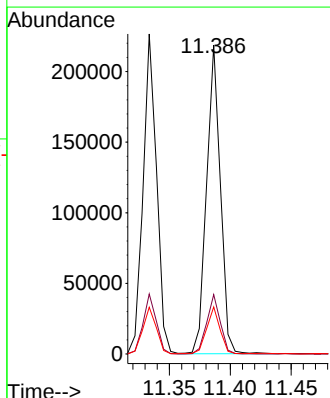
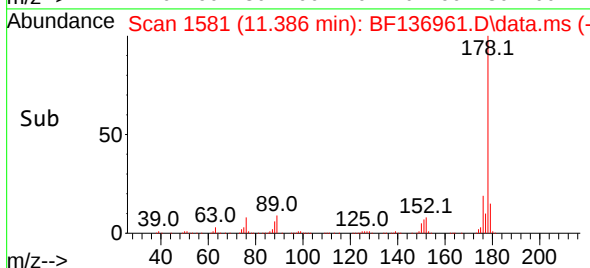
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

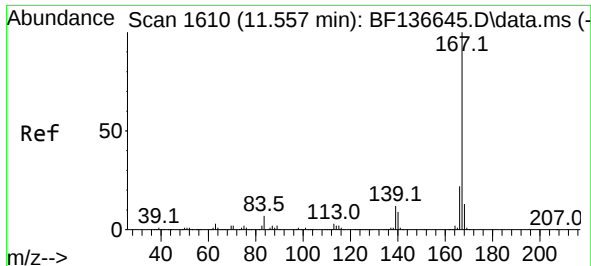


#72
Anthracene
Concen: 23.837 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00



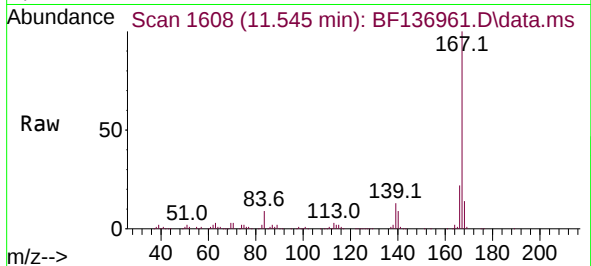
Tgt Ion:178 Resp: 172151
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.2 11.8 17.6





#73
Carbazole
Concen: 23.768 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

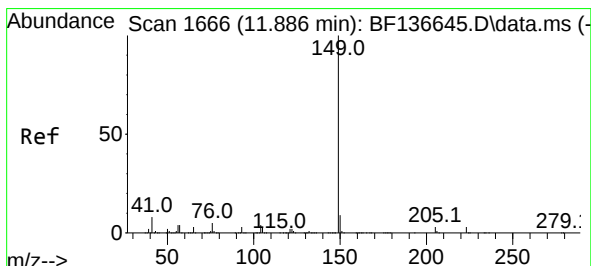
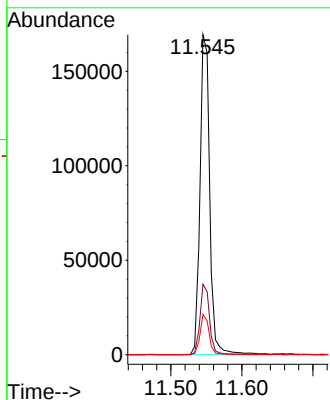
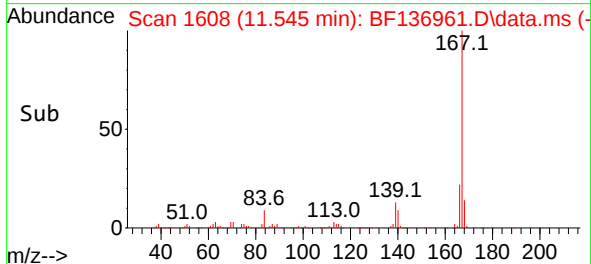
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:167 Resp: 161830
Ion Ratio Lower Upper
167 100
166 22.0 17.3 25.9
139 12.5 9.8 14.6

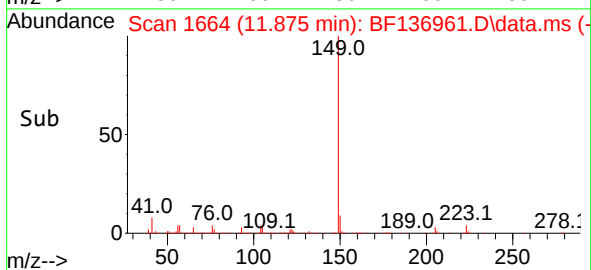
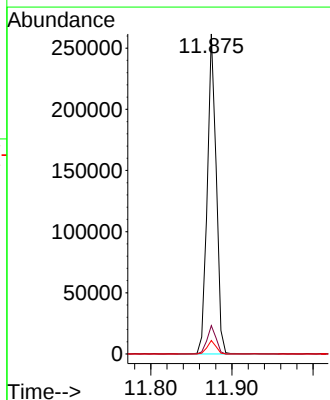
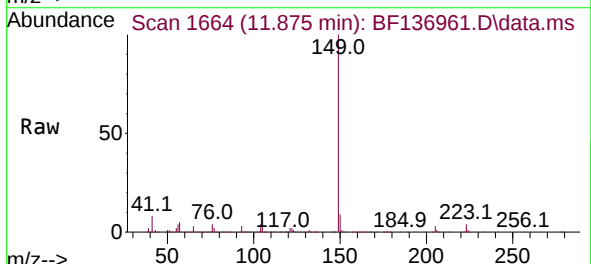
Manual Integrations
APPROVED

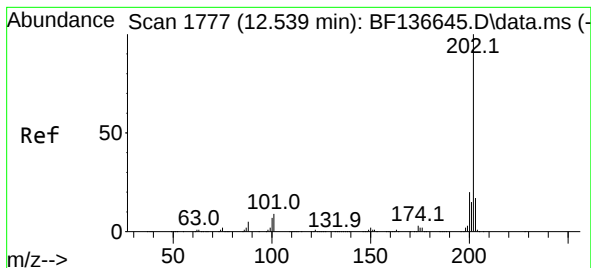
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#74
Di-n-butylphthalate
Concen: 23.972 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

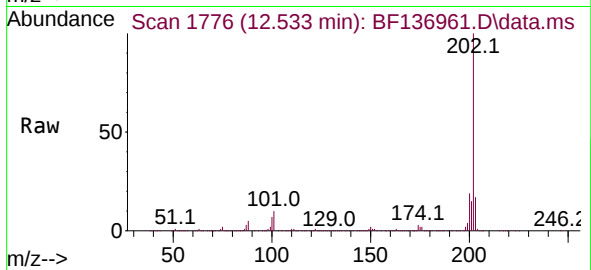
Tgt Ion:149 Resp: 199177
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 30.353 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

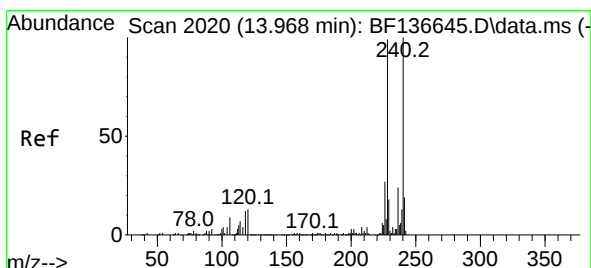
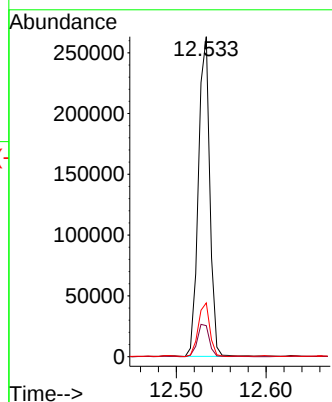
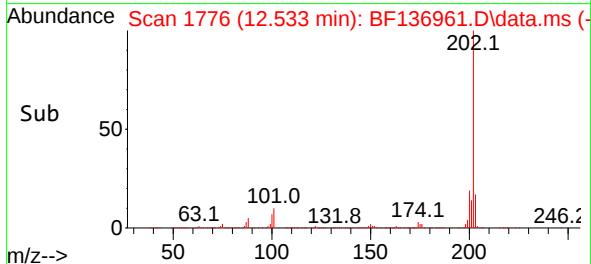
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:202 Resp: 231530
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 16.8 0.0 37.1

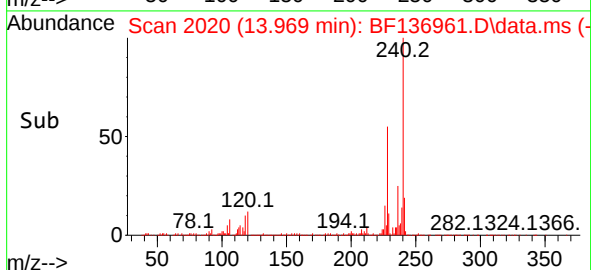
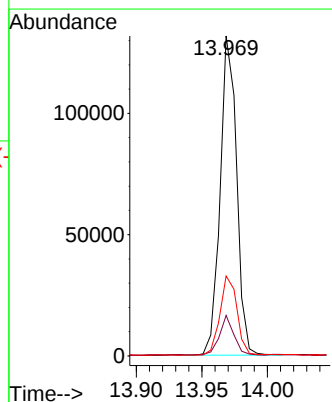
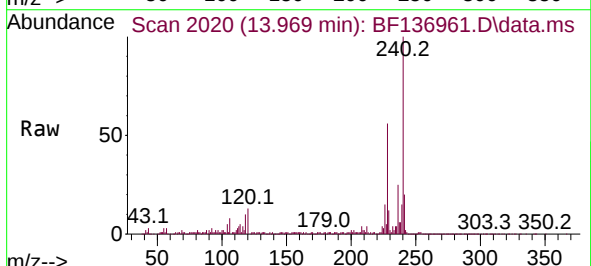
Manual Integrations
APPROVED

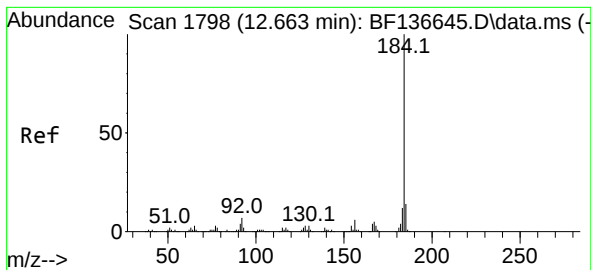
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

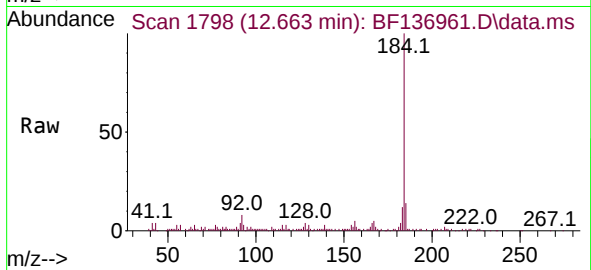
Tgt Ion:240 Resp: 114498
Ion Ratio Lower Upper
240 100
120 12.7 10.3 15.5
236 25.0 19.4 29.2





#77
Benzidine
Concen: 15.460 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

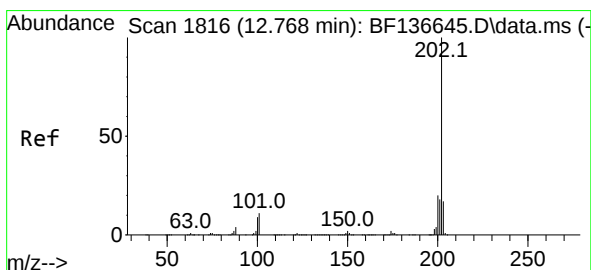
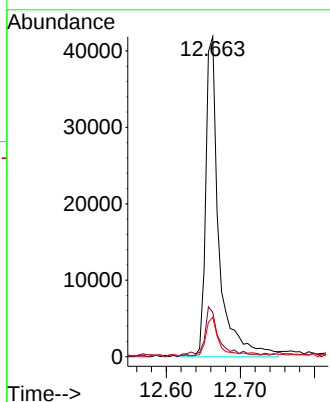
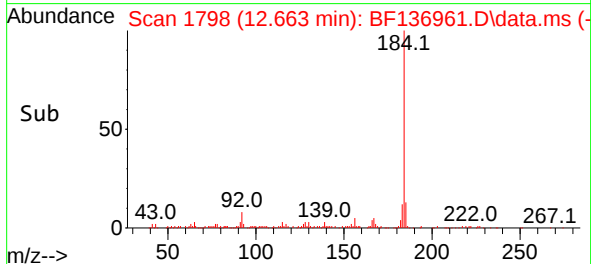
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:184 Resp: 5219
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 12.3 9.3 13.9

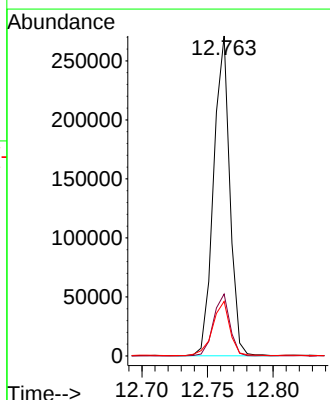
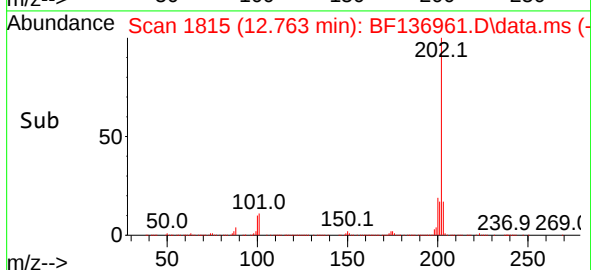
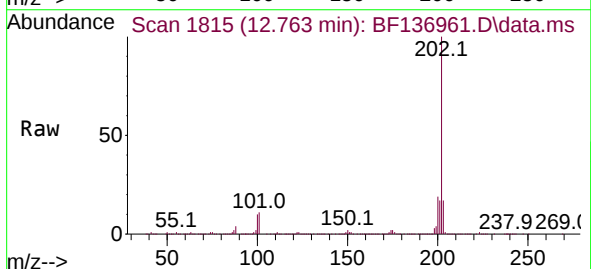
Manual Integrations
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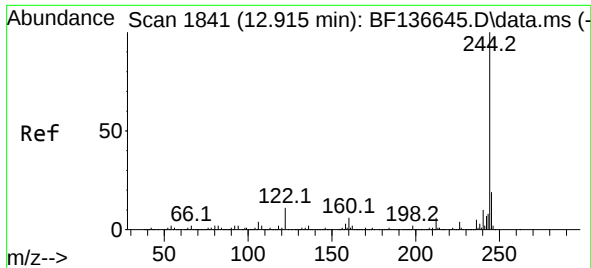
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#78
Pyrene
Concen: 20.646 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:202 Resp: 232063
Ion Ratio Lower Upper
202 100
200 19.3 15.9 23.9
203 17.1 13.8 20.6





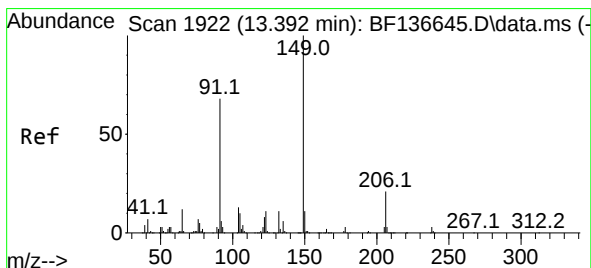
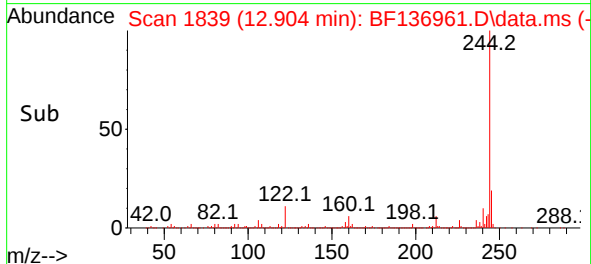
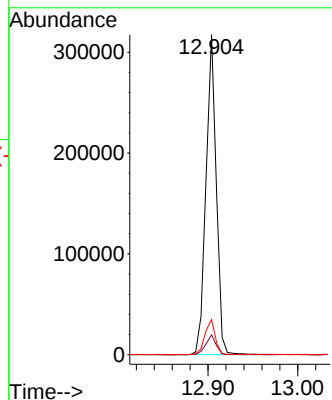
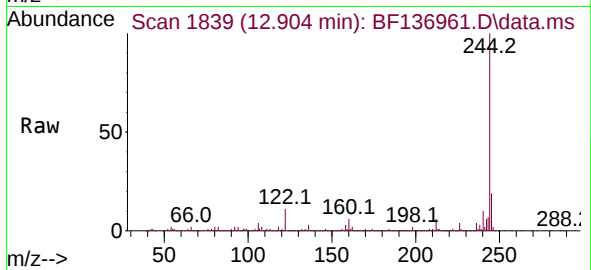
#79
Terphenyl-d14
Concen: 30.902 ng
RT: 12.904 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS

Tgt Ion:244 Resp: 253180
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.9 9.0 13.4

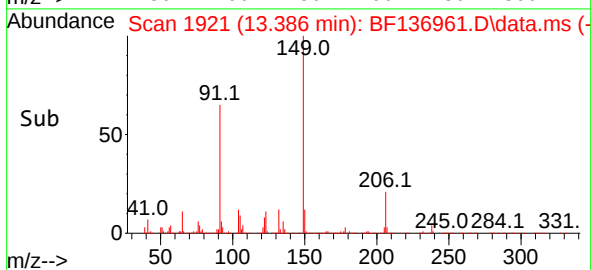
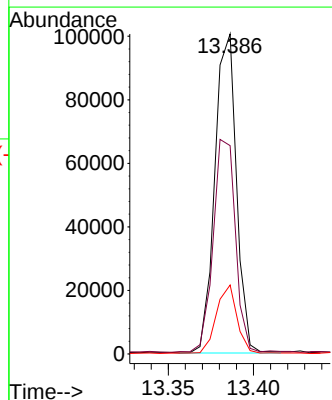
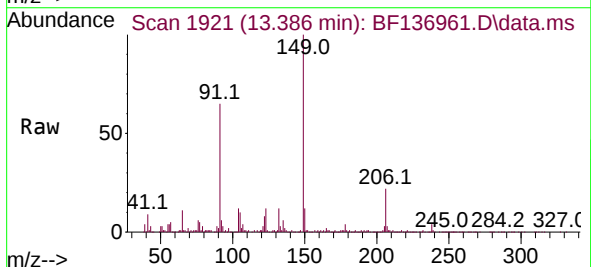
Manual Integrations
APPROVED

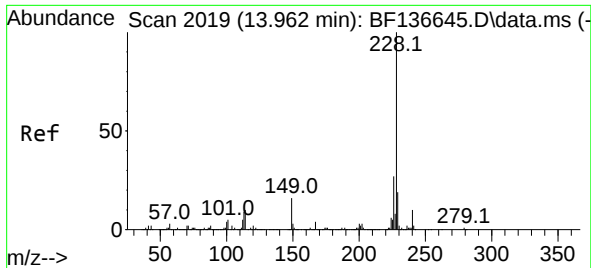
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#80
Butylbenzylphthalate
Concen: 21.715 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

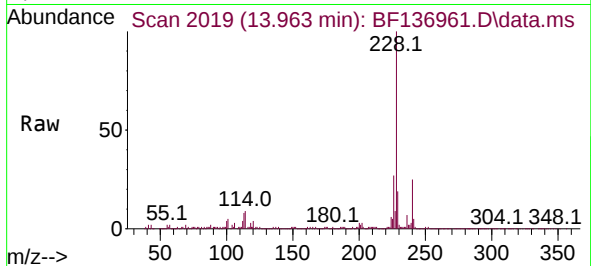
Tgt Ion:149 Resp: 88811
Ion Ratio Lower Upper
149 100
91 65.1 54.1 81.1
206 21.5 17.1 25.7





#81
Benzo(a)anthracene
Concen: 25.788 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

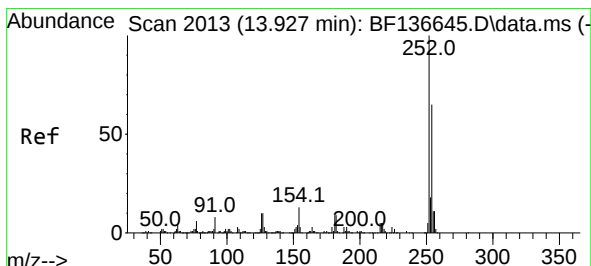
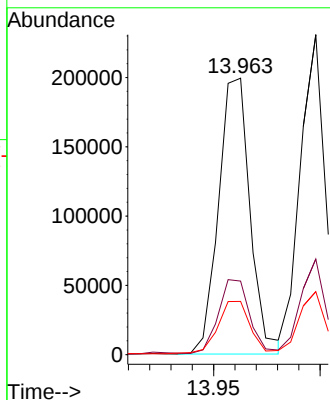
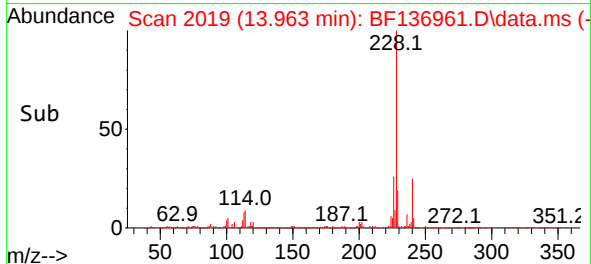
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:228 Resp: 20503
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.3 14.9 22.3

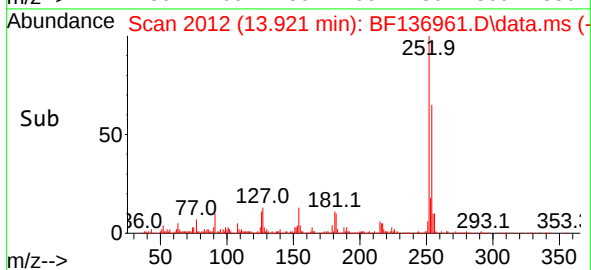
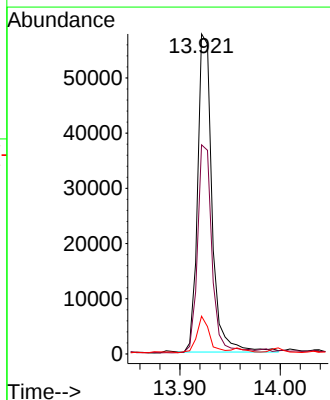
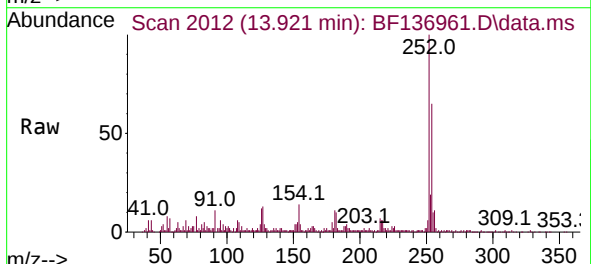
Manual Integrations
APPROVED

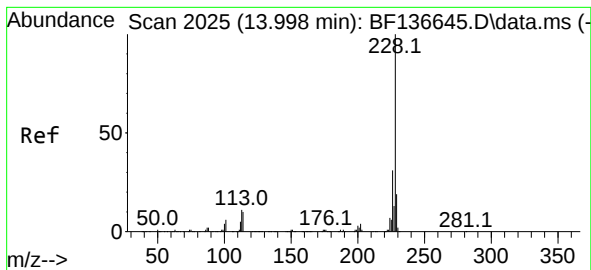
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#82
3,3'-Dichlorobenzidine
Concen: 25.656 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:252 Resp: 57928
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 11.8 8.0 12.0





#83

Chrysene

Concen: 24.474 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

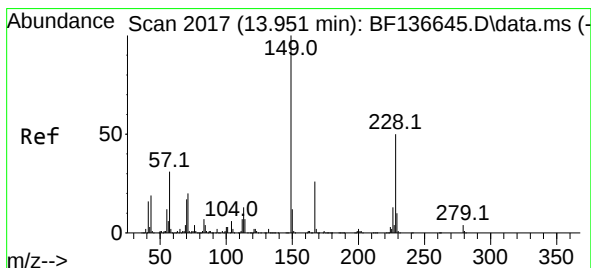
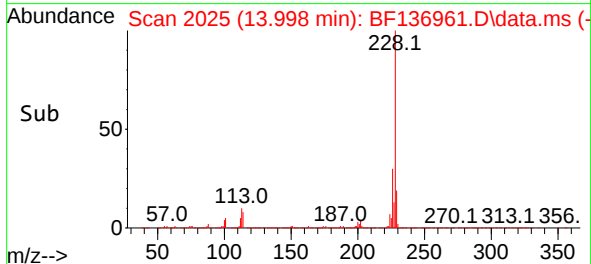
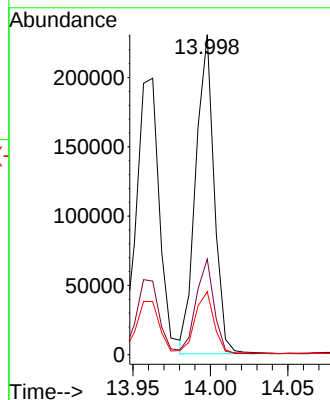
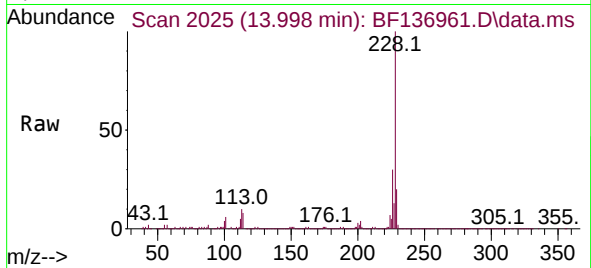
Tgt Ion:228 Resp: 190279
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.7 37.1
 229 19.7 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.537 ng

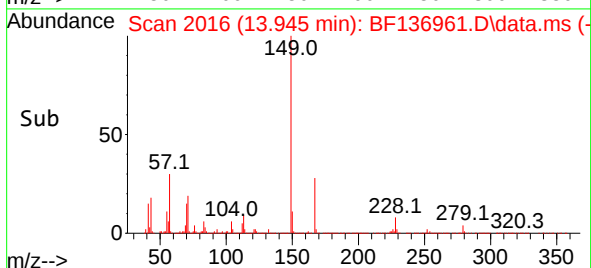
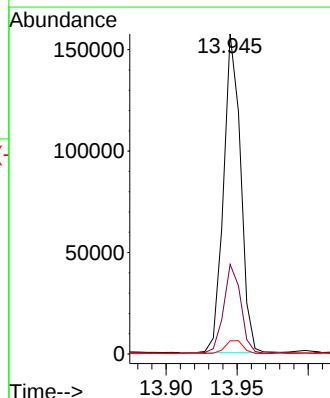
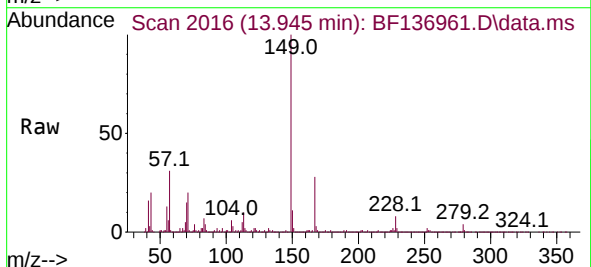
RT: 13.945 min Scan# 2016

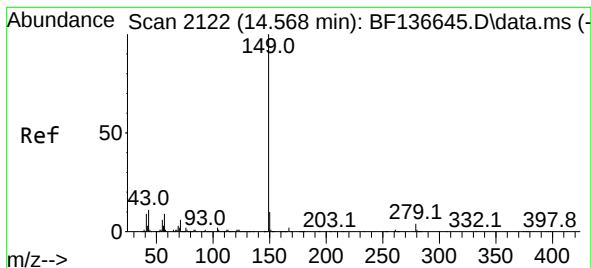
Delta R.T. -0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

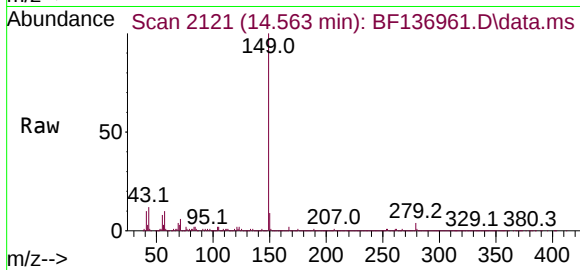
Tgt Ion:149 Resp: 131409
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.9 31.3
 279 4.1 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 29.293 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

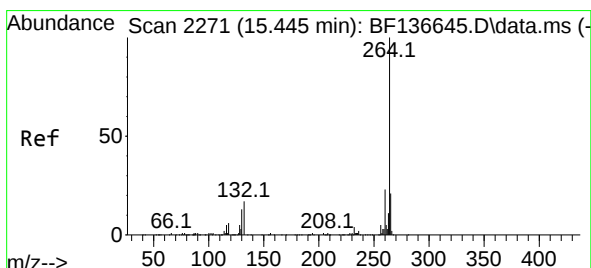
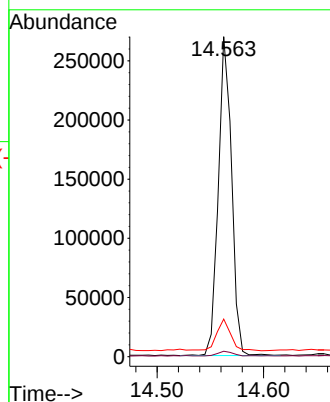
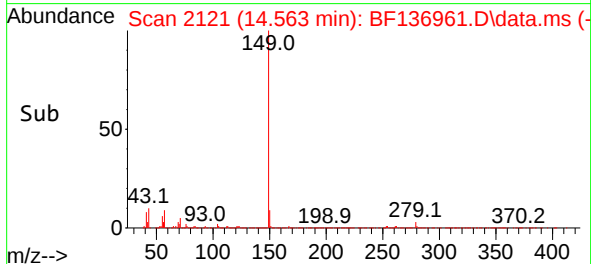
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MS



Tgt Ion:149 Resp: 233170
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 8.9 13.3

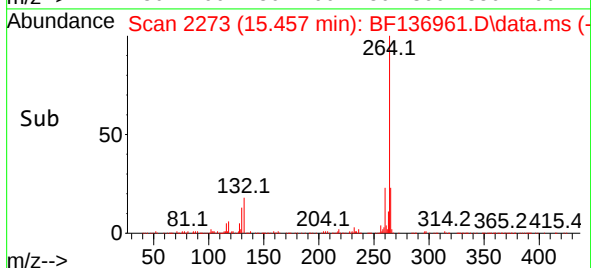
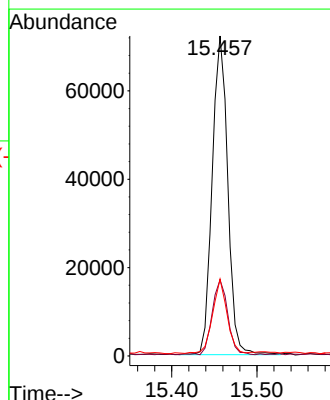
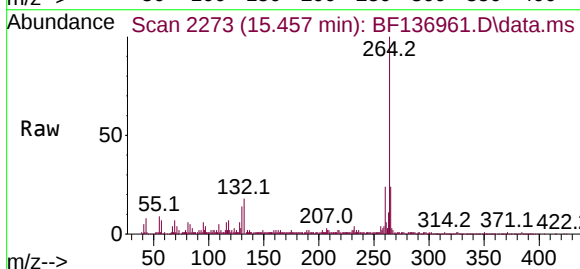
Manual Integrations
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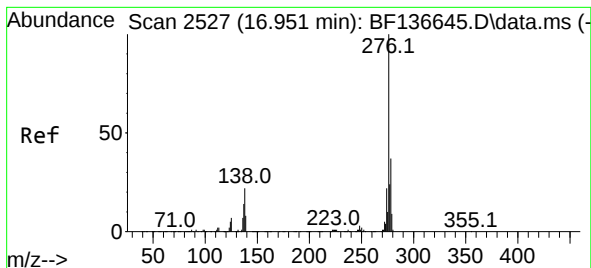
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136961.D
Acq: 05 Jan 2024 02:00

Tgt Ion:264 Resp: 91469
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 24.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.921 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

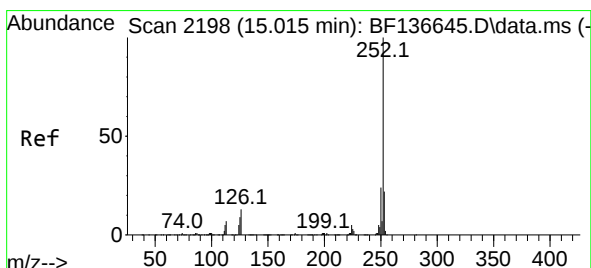
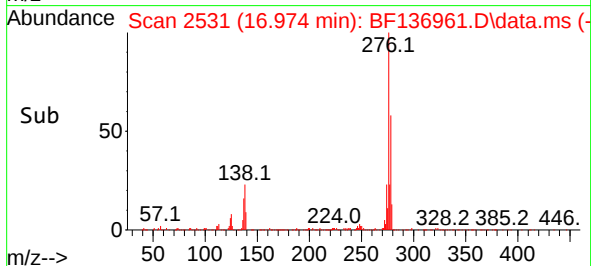
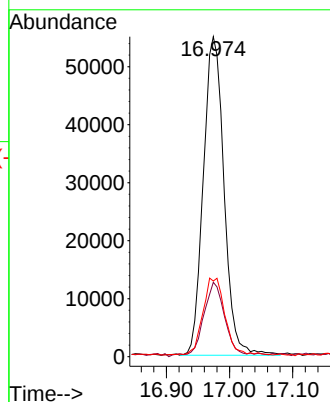
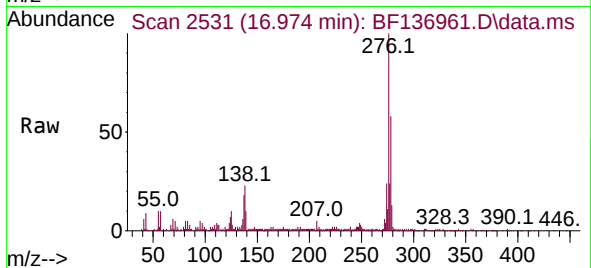
SU-04-01022024MS

Tgt Ion:276 Resp: 124958
 Ion Ratio Lower Upper
 276 100
 138 24.0 18.7 28.1
 277 25.7 20.2 30.2

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 25.258 ng

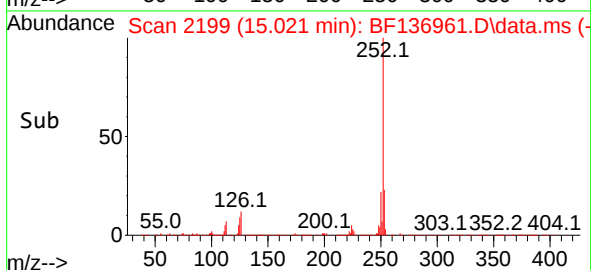
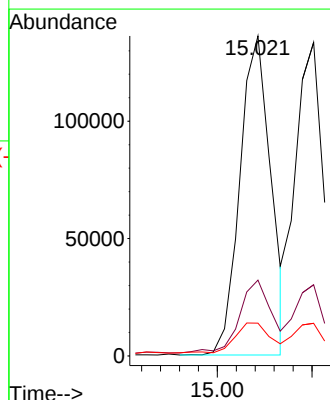
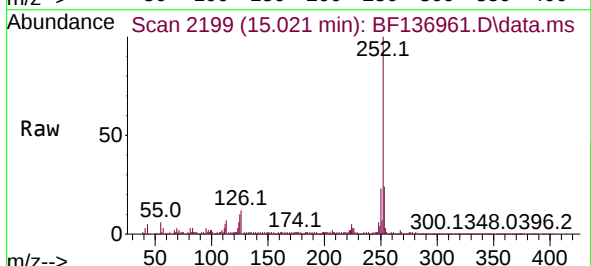
RT: 15.021 min Scan# 2199

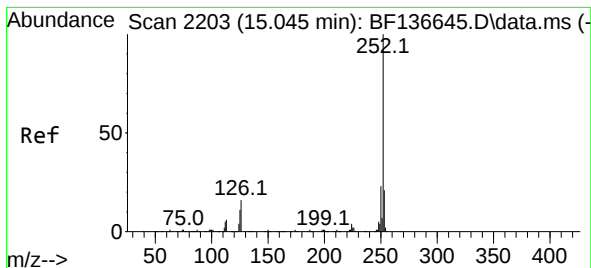
Delta R.T. 0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:252 Resp: 154311
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.4 26.0
 125 10.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 24.250 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

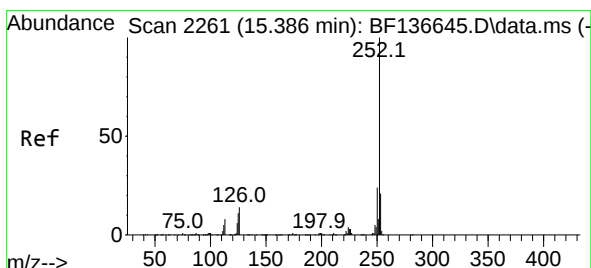
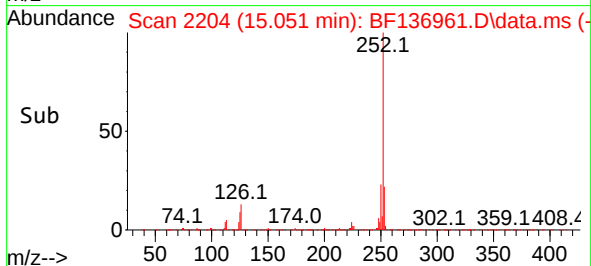
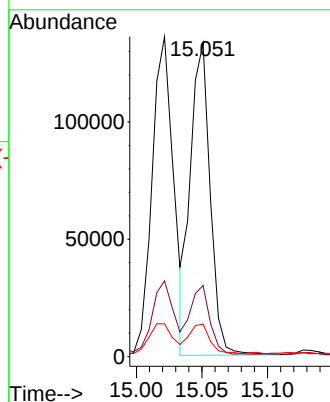
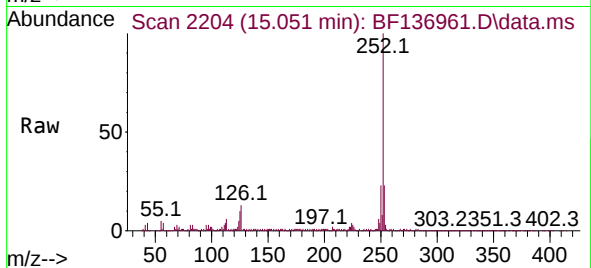
Tgt Ion:252 Resp: 139990
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.0 25.6
 125 10.4 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(a)pyrene

Concen: 23.210 ng

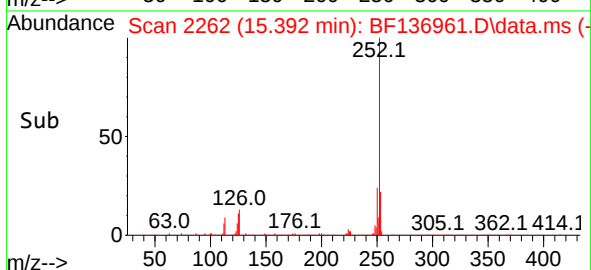
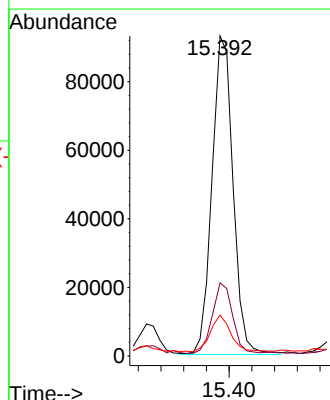
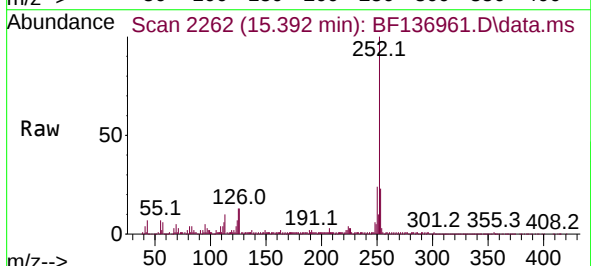
RT: 15.392 min Scan# 2262

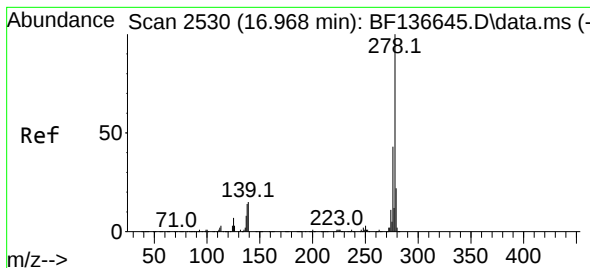
Delta R.T. 0.006 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:252 Resp: 119690
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.0 25.6
 125 12.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 18.734 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MS

Tgt Ion:278 Resp: 10150

Ion Ratio Lower Upper

278 100

139 14.8 12.2 18.4

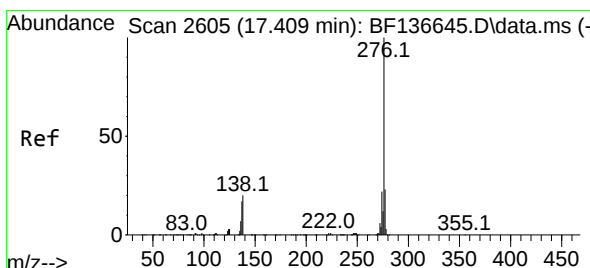
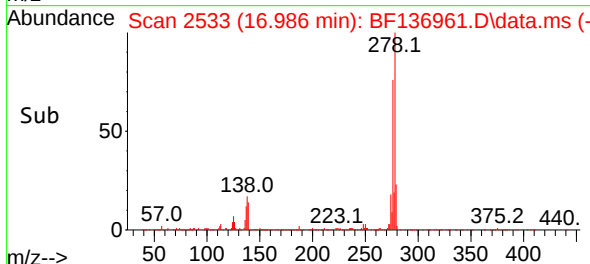
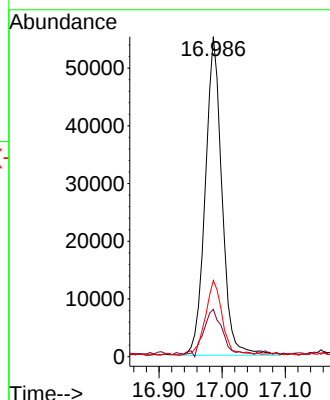
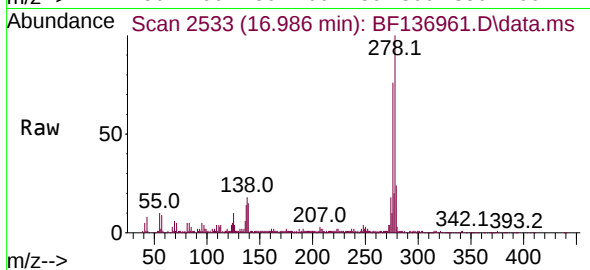
279 23.8 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#92

Benzo(g,h,i)perylene

Concen: 17.516 ng

RT: 17.433 min Scan# 2609

Delta R.T. 0.024 min

Lab File: BF136961.D

Acq: 05 Jan 2024 02:00

Tgt Ion:276 Resp: 97200

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 20.4 15.6 23.4

