

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136576.D
 Acq On : 14 Dec 2023 19:19
 Operator : CG\JU
 Sample : 05612-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06IMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 15 00:36:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	102213	20.000	ng	0.01
21) Naphthalene-d8	8.098	136	160711	20.000	ng	# 0.03
39) Acenaphthene-d10	9.827	164	175995	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	300375	20.000	ng	0.00
76) Chrysene-d12	13.968	240	224631	20.000	ng	0.00
86) Perylene-d12	15.445	264	268727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	386819	55.890	ng	0.02
7) Phenol-d6	6.445	99	303576	35.156	ng	0.01
23) Nitrobenzene-d5	7.363	82	578695	194.663	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	244409	112.629	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1128805	87.517	ng	0.00
79) Terphenyl-d14	12.910	244	1137712	66.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	50824	18.566	ng	98
3) Pyridine	3.346	79	109263	16.481	ng	94
4) n-Nitrosodimethylamine	3.287	42	56891	19.752	ng	98
6) Aniline	6.463	93	183696	21.050	ng	# 76
8) 2-Chlorophenol	6.586	128	266411	35.259	ng	99
9) Benzaldehyde	6.351	77	240410	62.861	ng	# 1
10) Phenol	6.457	94	129476	14.091	ng	# 66
11) bis(2-Chloroethyl)ether	6.539	93	292249	42.670	ng	98
12) 1,3-Dichlorobenzene	6.734	146	287361	33.818	ng	98
13) 1,4-Dichlorobenzene	6.816	146	293522	34.052	ng	99
14) 1,2-Dichlorobenzene	6.998	146	158356m	19.537	ng	
15) Benzyl Alcohol	6.963	79	165896	28.690	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	7.075	45	312905	35.522	ng	97
17) 2-Methylphenol	7.057	107	156828	25.691	ng	94
18) Hexachloroethane	7.298	117	117987	39.206	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	207788m	41.714	ng	
20) 3+4-Methylphenols	7.216	107	195804	25.842	ng	93
22) Acetophenone	7.204	105	491000	123.722	ng	# 95
24) Nitrobenzene	7.375	77	327410	109.481	ng	98
25) Isophorone	7.604	82	69562	13.024	ng	97
26) 2-Nitrophenol	7.722	139	167704	114.067	ng	96
27) 2,4-Dimethylphenol	7.781	122	200741	110.731	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	35949	10.954	ng	94
29) 2,4-Dichlorophenol	7.939	162	16005	6.689	ng	91
30) 1,2,4-Trichlorobenzene	8.022	180	60980	21.855	ng	99
31) Naphthalene	8.204	128	37135612	4190.166	ng	# 92
32) Benzoic acid	7.869	122	38254	21.271	ng	# 1
33) 4-Chloroaniline	8.210	127	6372485	2016.876	ng	# 53
34) Hexachlorobutadiene	8.233	225	140505	84.968	ng	98
35) Caprolactam	8.528	113	14246	19.333	ng	# 76
36) 4-Chloro-3-methylphenol	8.645	107	207861	81.812	ng	96
37) 2-Methylnaphthalene	8.816	142	6150478	1090.843	ng	97
38) 1-Methylnaphthalene	8.916	142	4433787	801.376	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	264719	48.346	ng	99
41) Hexachlorocyclopentadiene	8.939	237	181210	89.331	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	157871	44.281	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	160754	40.399	ng	# 91
46) 1,1'-Biphenyl	9.257	154	1384371	92.443	ng	99
47) 2-Chloronaphthalene	9.275	162	512954	44.009	ng	97
48) 2-Nitroaniline	9.375	65	135925	43.481	ng	98
49) Acenaphthylene	9.692	152	867900	52.271	ng	97
50) Dimethylphthalate	9.557	163	597111	46.083	ng	98
51) 2,6-Dinitrotoluene	9.622	165	124190	42.603	ng	97
52) Acenaphthene	9.874	154	2048468	192.528	ng	98
53) 3-Nitroaniline	9.792	138	87970	29.552	ng	95
54) 2,4-Dinitrophenol	9.892	184	75957	51.537	ng	# 77
55) Dibenzofuran	10.033	168	767321	49.366	ng	98
56) 4-Nitrophenol	9.963	139	64302	28.815	ng	94
57) 2,4-Dinitrotoluene	10.022	165	167796	43.513	ng	98
58) Fluorene	10.380	166	994703	79.721	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	131890	41.379	ng	# 99
60) Diethylphthalate	10.251	149	541491	42.499	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	256717	42.205	ng	98
62) 4-Nitroaniline	10.398	138	121410	41.076	ng	96
63) Azobenzene	10.527	77	469657	40.497	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	62770	33.743	ng	97
66) n-Nitrosodiphenylamine	10.492	169	466373	48.387	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	160411	45.932	ng	98
68) Hexachlorobenzene	10.921	284	181873	45.059	ng	97
69) Atrazine	11.027	200	153303	55.727	ng	99
70) Pentachlorophenol	11.127	266	190768	83.742	ng	99
71) Phenanthrene	11.345	178	1475368	89.362	ng	100
72) Anthracene	11.392	178	910916	54.778	ng	98
73) Carbazole	11.557	167	1001235	68.028	ng	99
74) Di-n-butylphthalate	11.886	149	829397	45.968	ng	99
75) Fluoranthene	12.533	202	844424	48.806	ng	97
77) Benzidine	12.657	184	139645	31.646	ng	98
78) Pyrene	12.763	202	885231	40.239	ng	98
80) Butylbenzylphthalate	13.392	149	329833	42.117	ng	100
81) Benzo(a)anthracene	13.957	228	723849	46.261	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	213529	48.672	ng	100
83) Chrysene	13.998	228	688951	44.753	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	441934	46.032	ng	99
85) Di-n-octyl phthalate	14.568	149	787140	55.507	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	756044	40.497	ng	99
88) Benzo(b)fluoranthene	15.015	252	765709	41.675	ng	100
89) Benzo(k)fluoranthene	15.045	252	684314	39.520	ng	99
90) Benzo(a)pyrene	15.386	252	663335	43.716	ng	97
91) Dibenzo(a,h)anthracene	16.968	278	631532	41.292	ng	99
92) Benzo(g,h,i)perylene	17.409	276	576350	36.714	ng	99

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



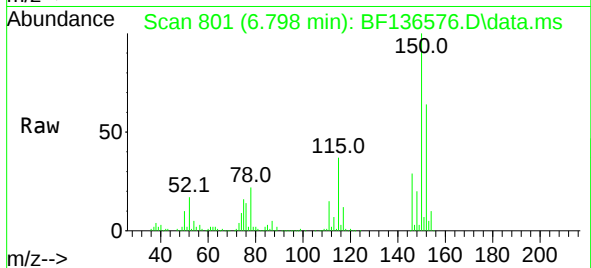
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.011 min
 Lab File: BF136576.D
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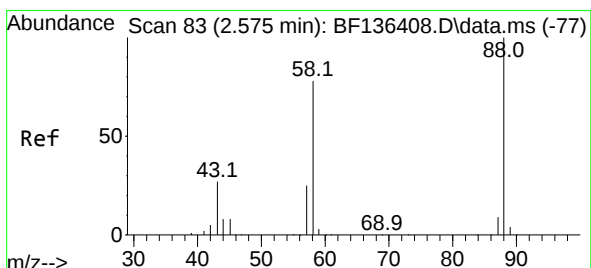
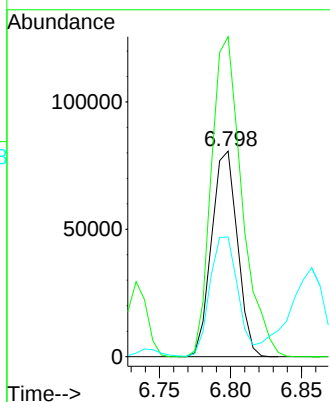
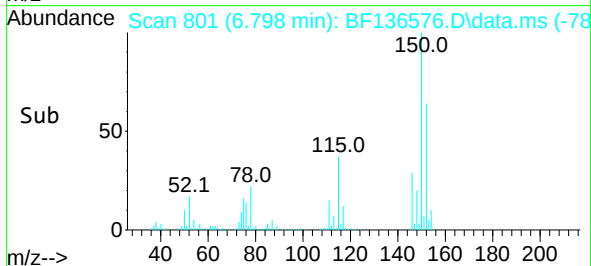


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 Ion Ratio Lower Upper
 152 100
 150 155.6 126.4 189.6
 115 58.2 48.2 72.4

Manual Integrations

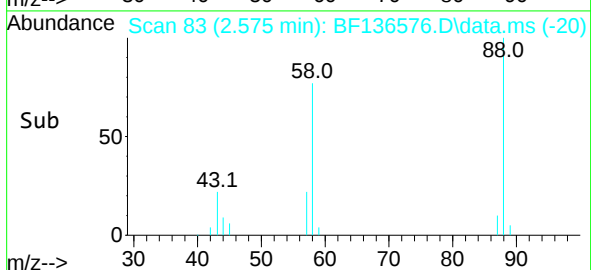
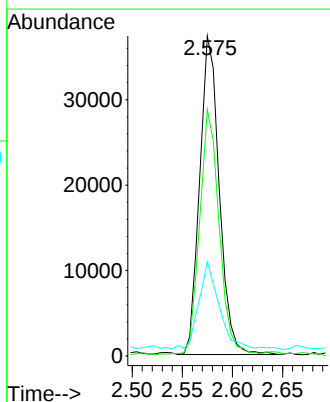
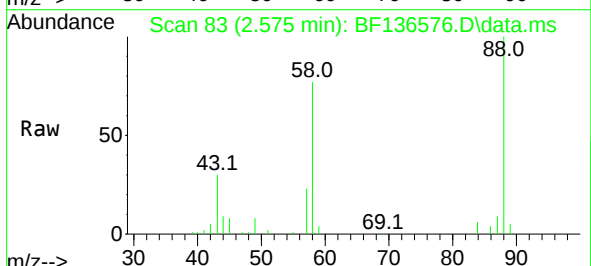
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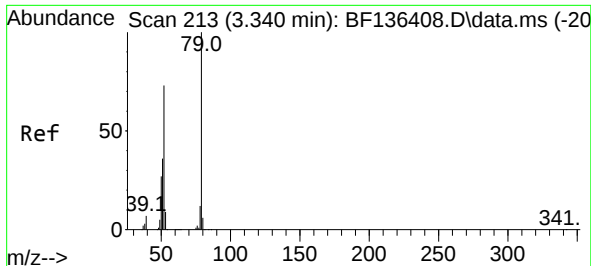
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#2
 1,4-Dioxane
 Concen: 18.566 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.023 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

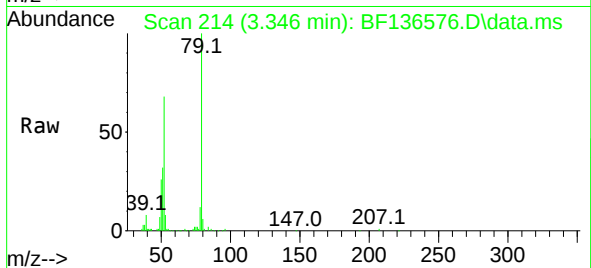
Tgt Ion: 88 Resp: 50824
 Ion Ratio Lower Upper
 88 100
 58 76.6 62.2 93.2
 43 29.4 21.5 32.3





#3
Pyridine
Concen: 16.481 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.035 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

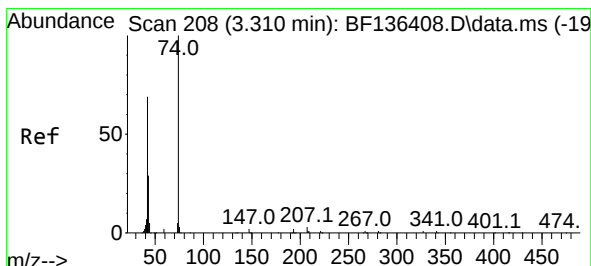
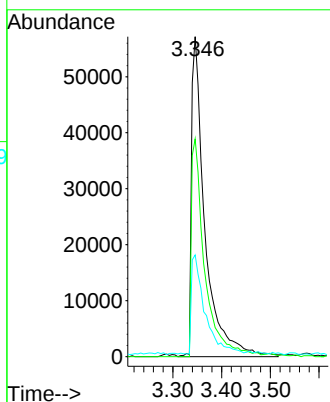
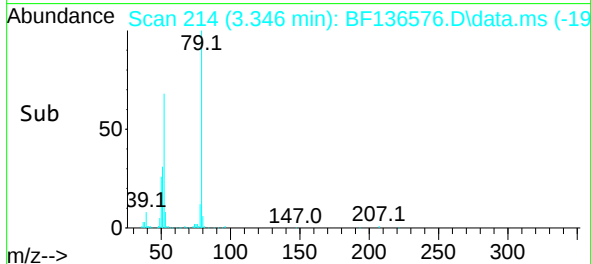
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion: 79 Resp: 10926
Ion Ratio Lower Upper
79 100
52 68.0 58.2 87.2
51 31.8 29.1 43.7

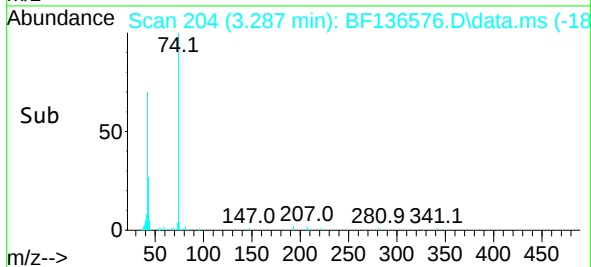
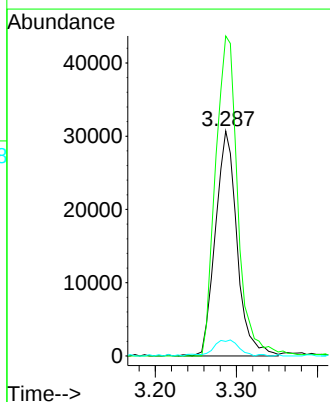
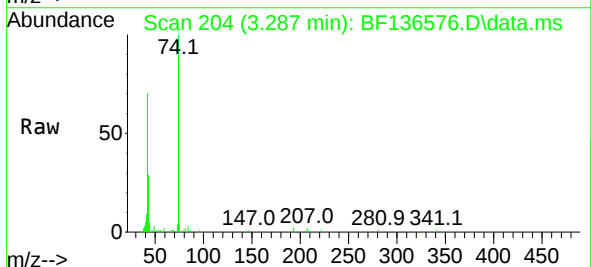
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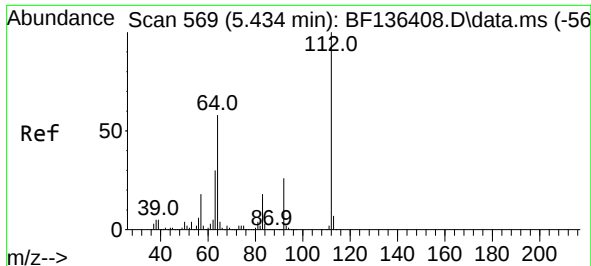
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#4
n-Nitrosodimethylamine
Concen: 19.752 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion: 42 Resp: 56891
Ion Ratio Lower Upper
42 100
74 142.3 115.4 173.0
44 6.5 6.2 9.2





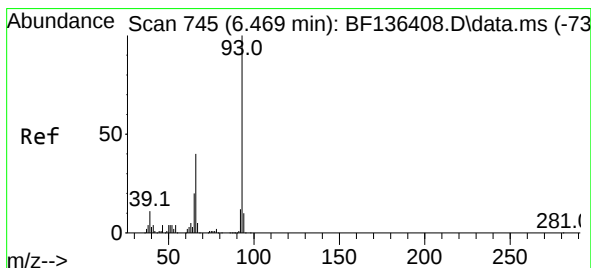
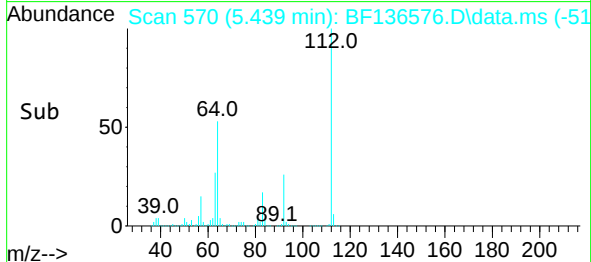
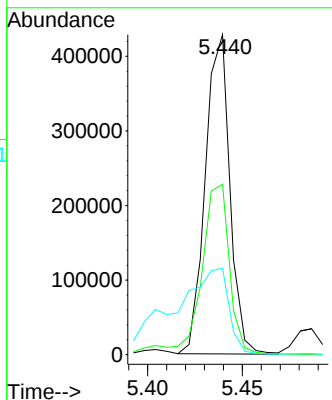
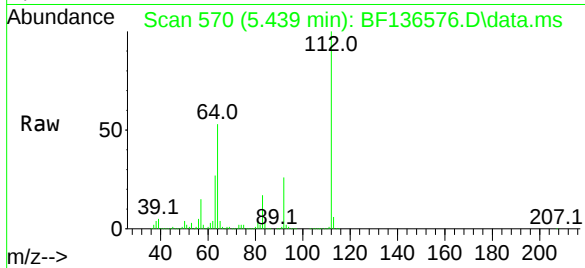
#5
2-Fluorophenol
Concen: 55.890 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
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Tgt Ion:112 Resp: 386819
Ion Ratio Lower Upper
112 100
64 53.2 46.5 69.7
63 27.0 23.9 35.9

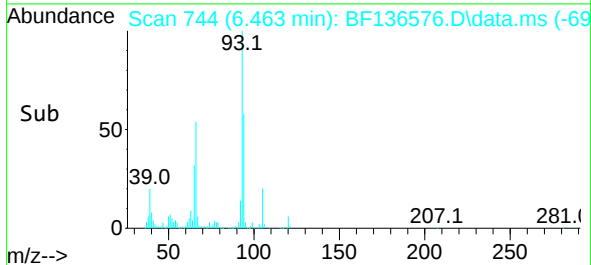
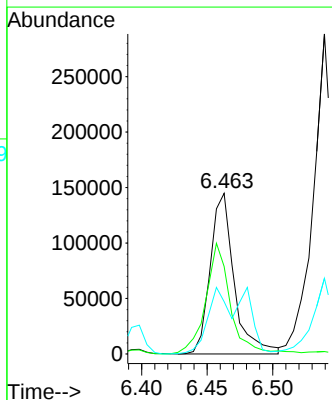
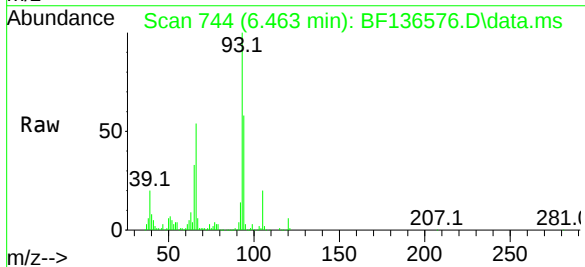
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#6
Aniline
Concen: 21.050 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

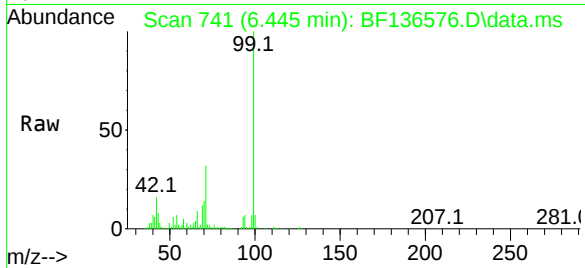
Tgt Ion: 93 Resp: 183696
Ion Ratio Lower Upper
93 100
66 54.5 32.5 48.7#
65 32.6 16.4 24.6#





#7
Phenol-d6
Concen: 35.156 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

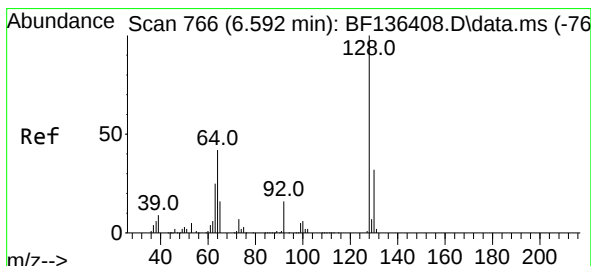
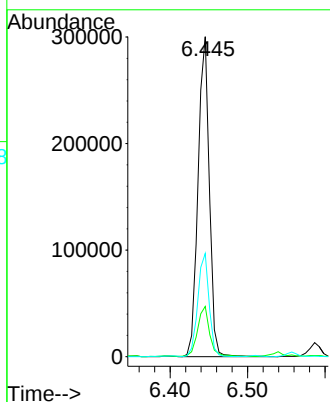
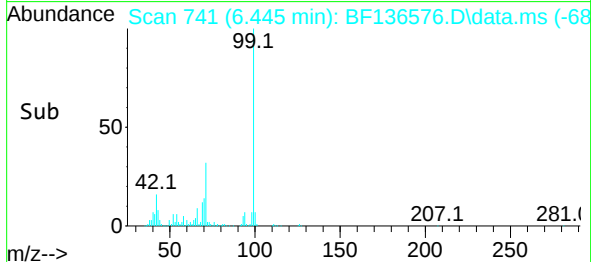
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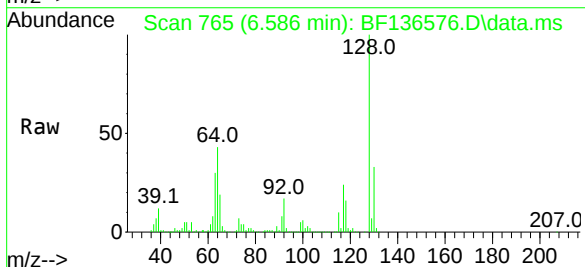
Tgt Ion: 99 Resp: 303570
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.3 27.0 40.4

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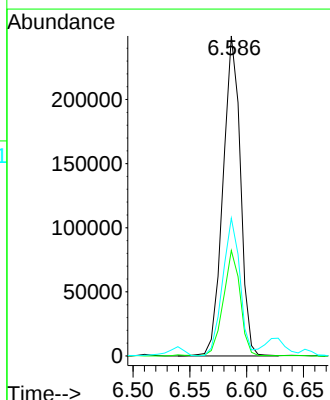
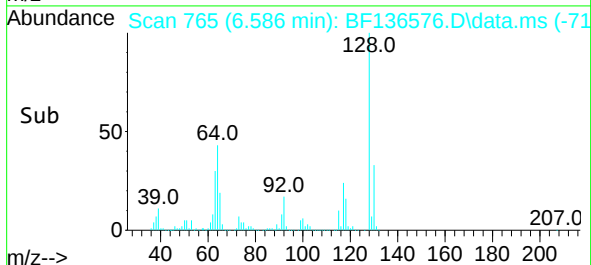
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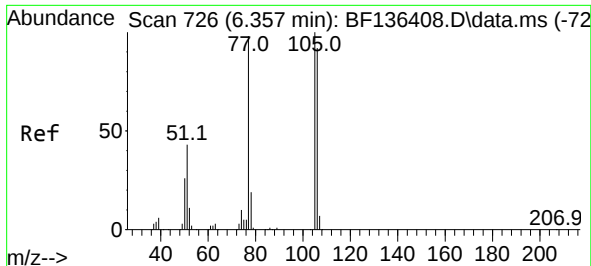


#8
2-Chlorophenol
Concen: 35.259 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



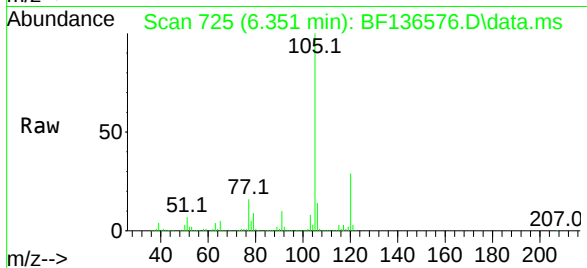
Tgt Ion:128 Resp: 266411
Ion Ratio Lower Upper
128 100
130 33.0 11.7 51.7
64 43.0 22.5 62.5





#9
Benzaldehyde
Concen: 62.861 ng
RT: 6.351 min Scan# 726
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

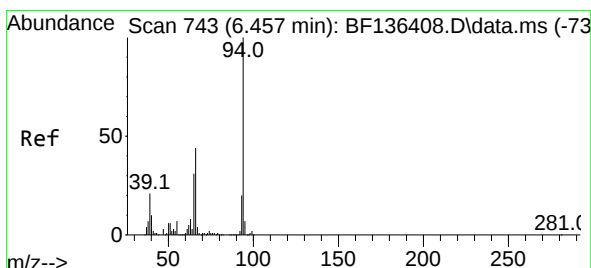
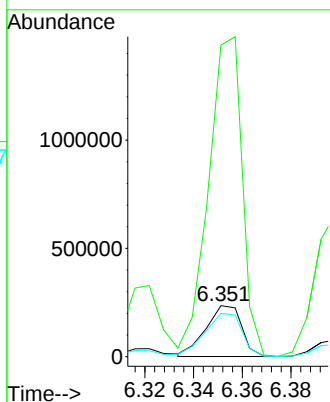
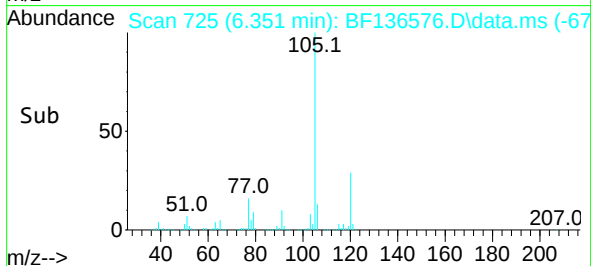
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 240410
Ion Ratio Lower Upper
77 100
105 611.0 82.5 122.5
106 84.6 74.5 114.5

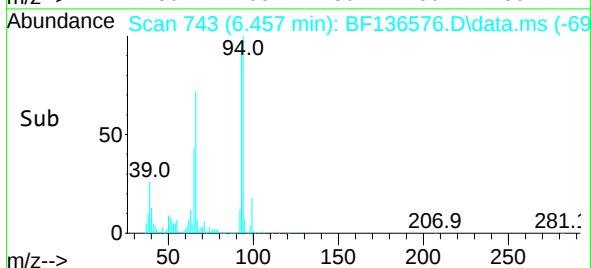
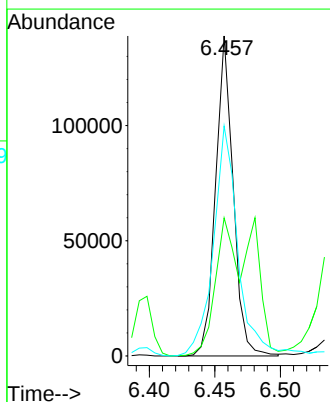
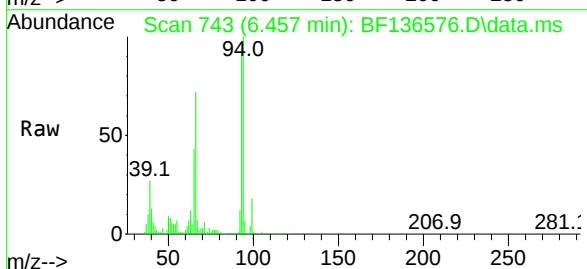
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#10
Phenol
Concen: 14.091 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

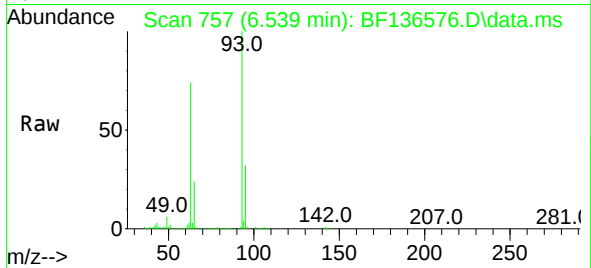
Tgt Ion: 94 Resp: 129476
Ion Ratio Lower Upper
94 100
65 43.2 11.2 51.2
66 71.9 24.2 64.2#





#11
bis(2-Chloroethyl)ether
Concen: 42.670 ng
RT: 6.539 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

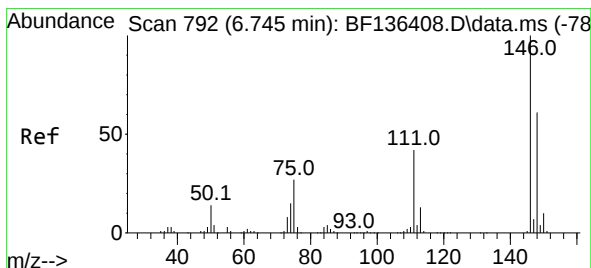
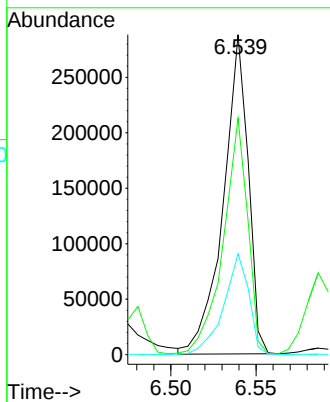
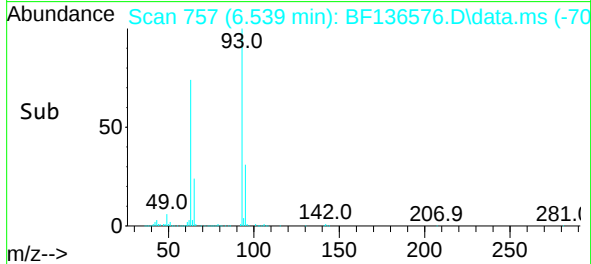
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



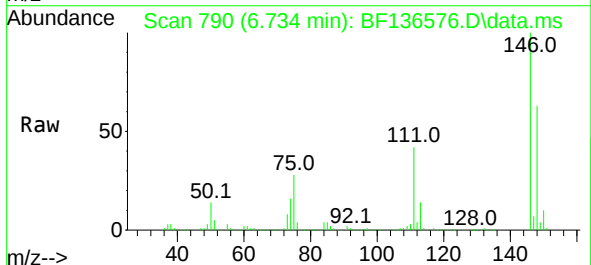
Tgt Ion: 93 Resp: 292249
Ion Ratio Lower Upper
93 100
63 73.9 56.8 96.8
95 31.6 11.8 51.8

Manual Integrations
APPROVED

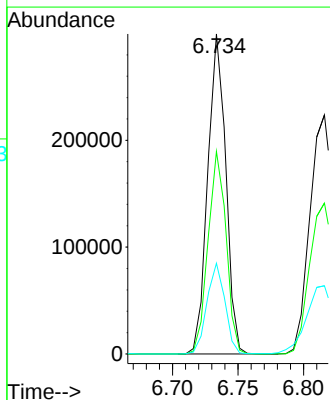
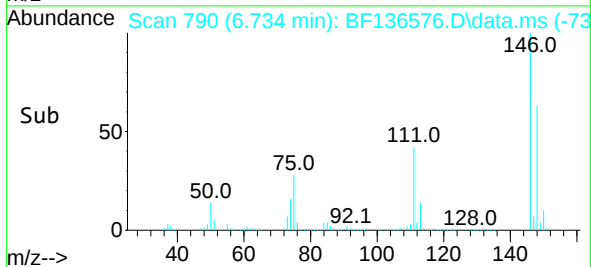
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

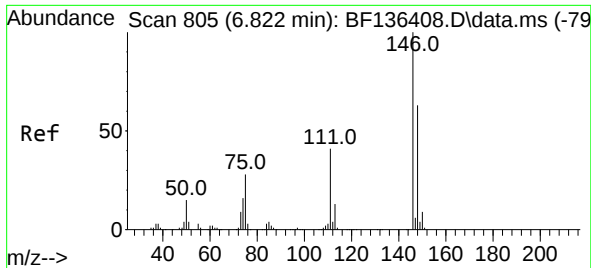


#12
1,3-Dichlorobenzene
Concen: 33.818 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:146 Resp: 287361
Ion Ratio Lower Upper
146 100
148 63.3 49.0 73.6
75 28.3 21.8 32.6





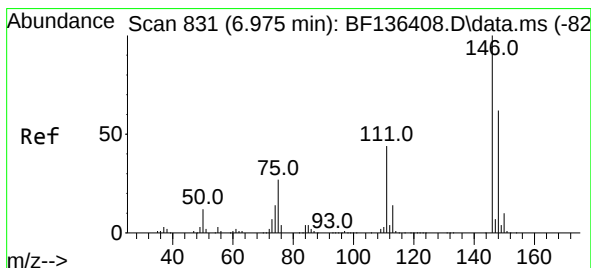
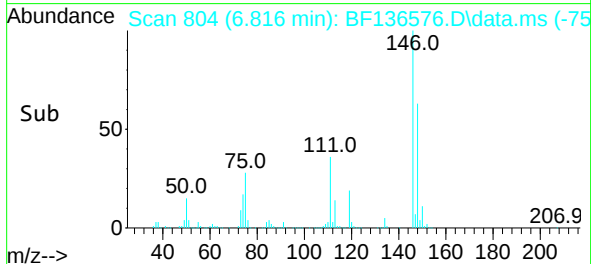
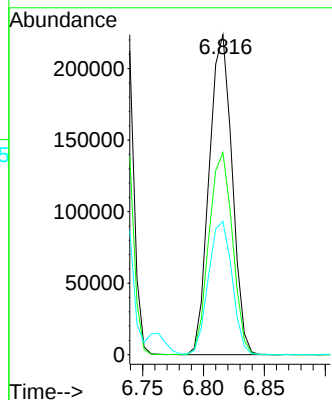
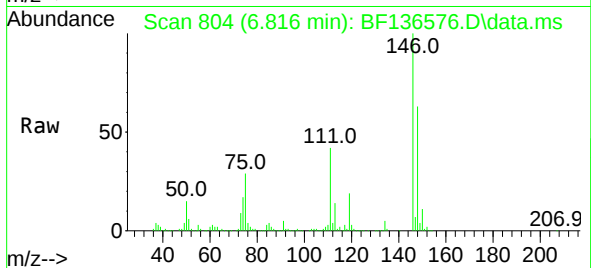
#13
1,4-Dichlorobenzene
Concen: 34.052 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :
MW-06IMSD

Tgt Ion:146 Resp: 29352
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
111 41.7 32.6 49.0

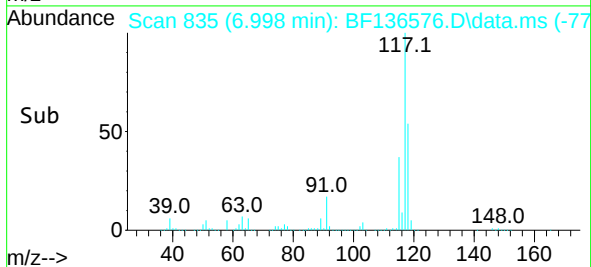
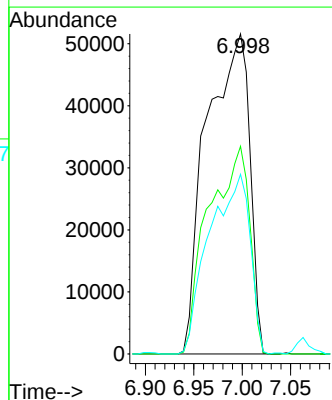
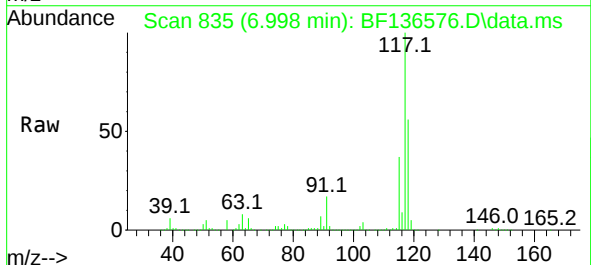
Manual Integrations
APPROVED

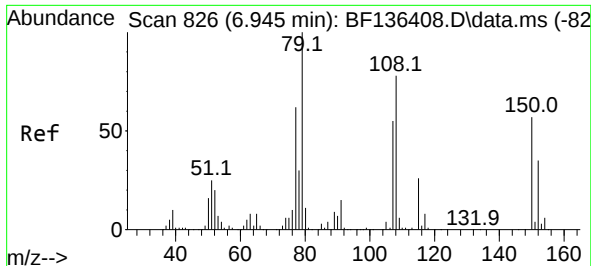
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#14
1,2-Dichlorobenzene
Concen: 19.537 ng m
RT: 6.998 min Scan# 835
Delta R.T. 0.041 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:146 Resp: 158356
Ion Ratio Lower Upper
146 100
148 64.9 49.8 74.6
111 56.2 34.9 52.3#





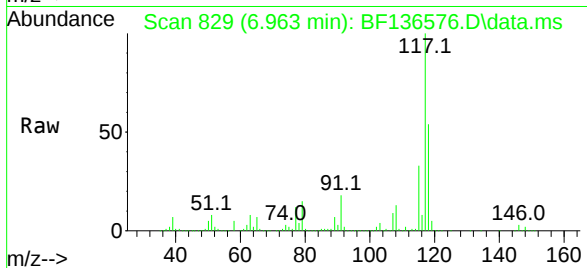
#15
Benzyl Alcohol
Concen: 28.690 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.029 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

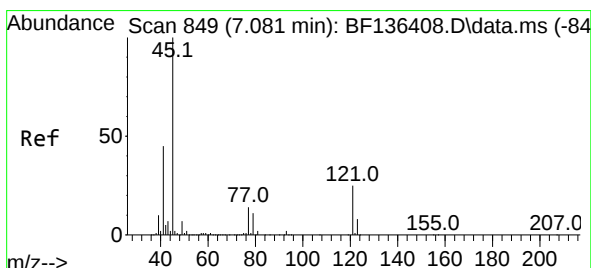
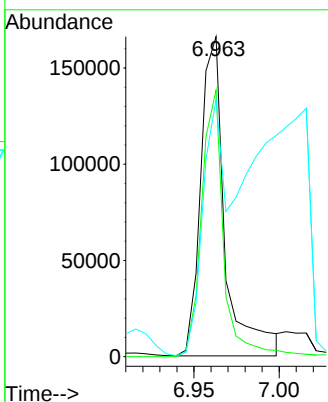
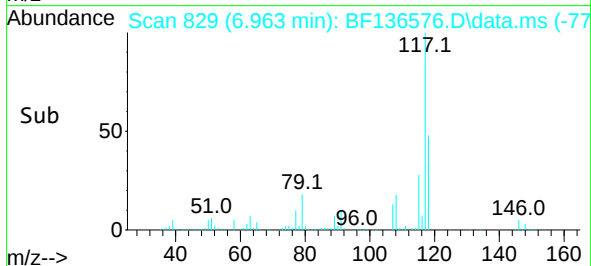
MW-06IMSD



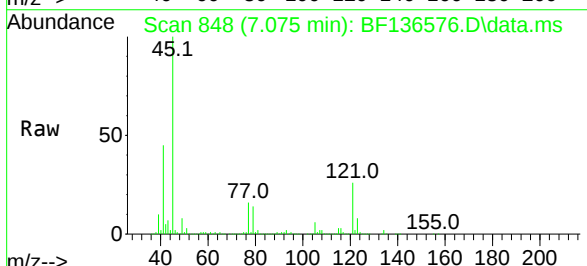
Tgt Ion: 79 Resp: 165890
Ion Ratio Lower Upper
79 100
108 83.3 62.3 93.5
77 80.3 49.8 74.8

Manual Integrations
APPROVED

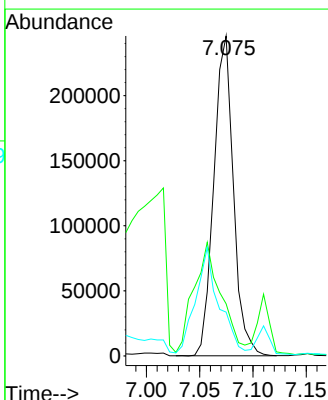
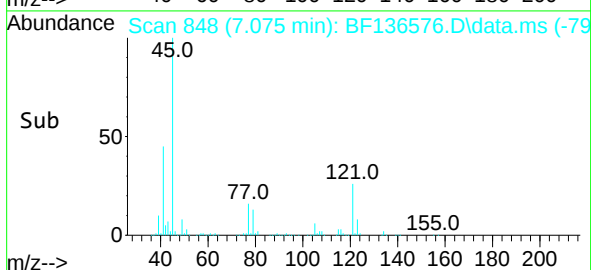
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.522 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion: 45 Resp: 312905
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.3
79 13.7 0.0 32.5





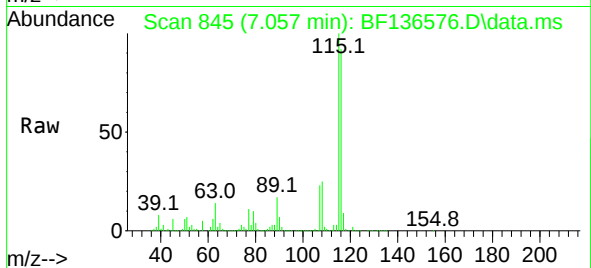
#17
2-Methylphenol
Concen: 25.691 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

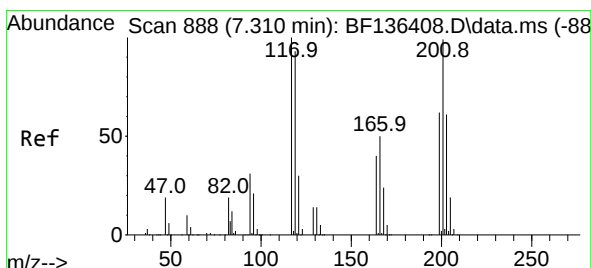
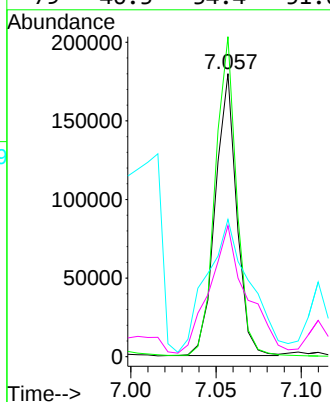
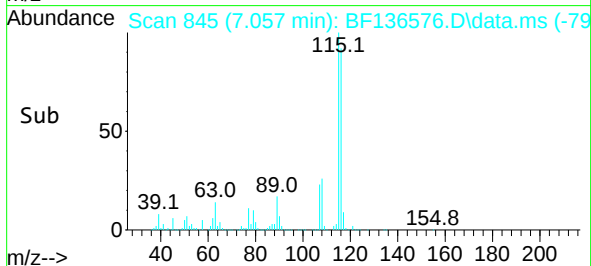


Tgt Ion:107 Resp: 156828
Ion Ratio Lower Upper
107 100
108 113.0 86.5 129.7
77 48.5 33.8 50.8
79 46.3 34.4 51.6

Manual Integrations

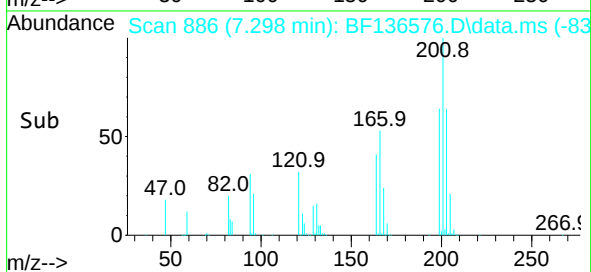
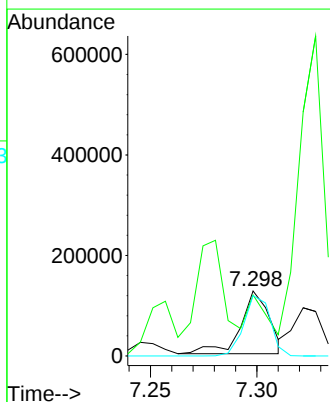
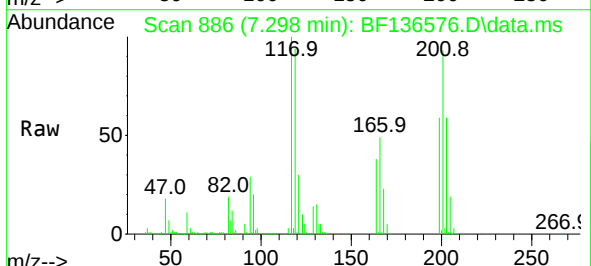
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#18
Hexachloroethane
Concen: 39.206 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:117 Resp: 117987
Ion Ratio Lower Upper
117 100
119 93.8 74.3 111.5
201 92.8 79.3 118.9





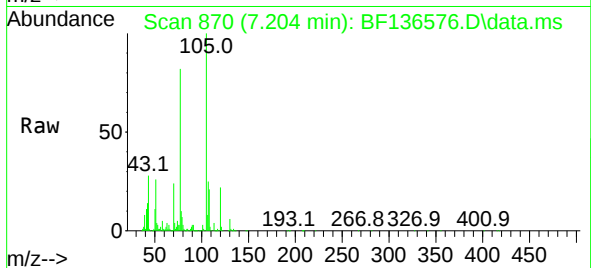
#19
n-Nitroso-di-n-propylamine
Concen: 41.714 ng m
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

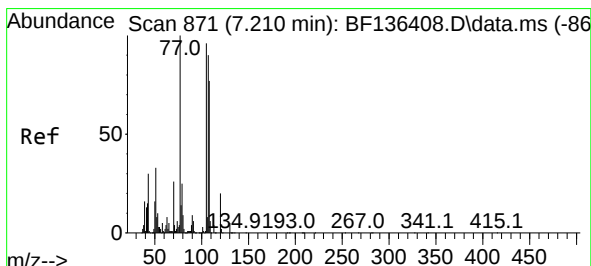
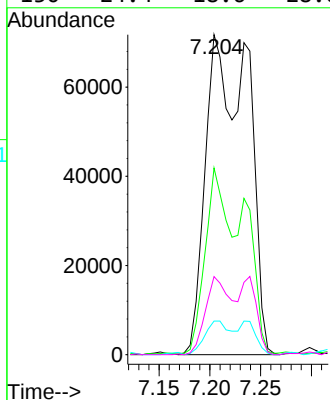
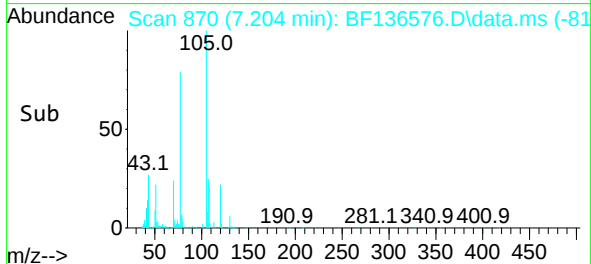


Tgt Ion: 70 Resp: 20778
Ion Ratio Lower Upper
70 100
42 58.4 41.4 62.0
101 10.5 8.2 12.4
130 24.4 18.6 28.0

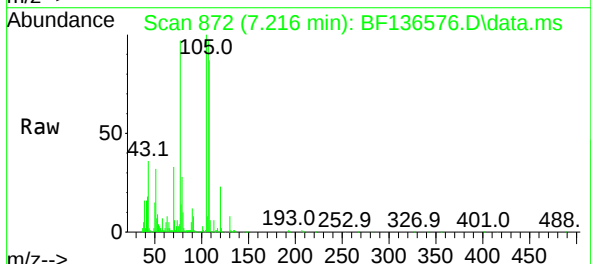
Manual Integrations

APPROVED

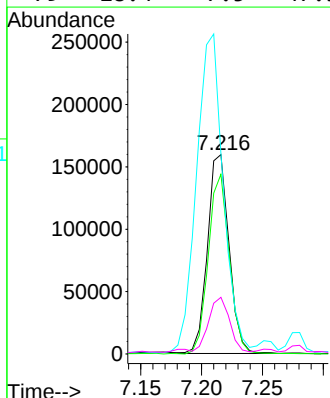
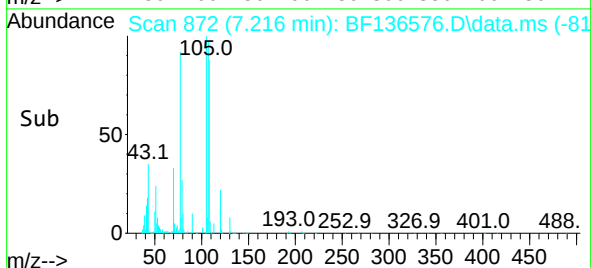
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

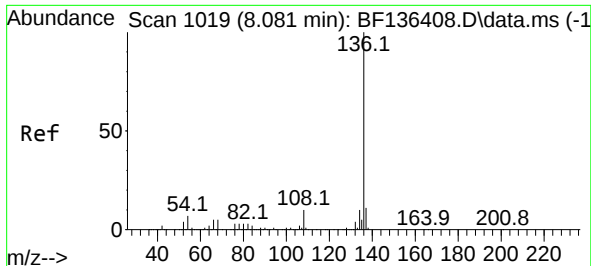


#20
3+4-Methylphenols
Concen: 25.842 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



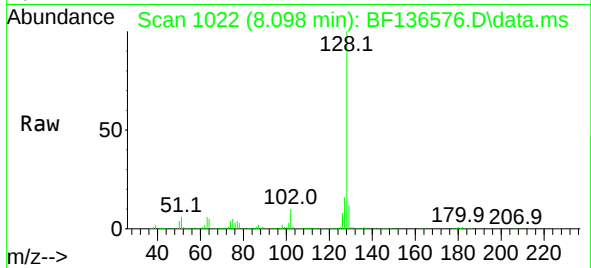
Tgt Ion:107 Resp: 195804
Ion Ratio Lower Upper
107 100
108 90.2 65.9 105.9
77 100.5 91.7 131.7
79 28.4 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1019
Delta R.T. 0.029 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

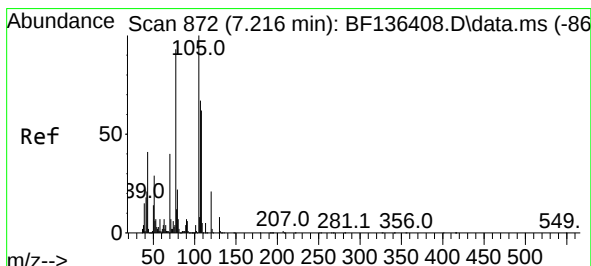
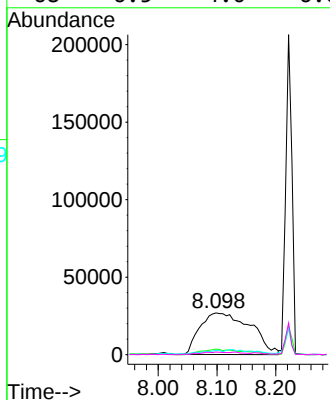
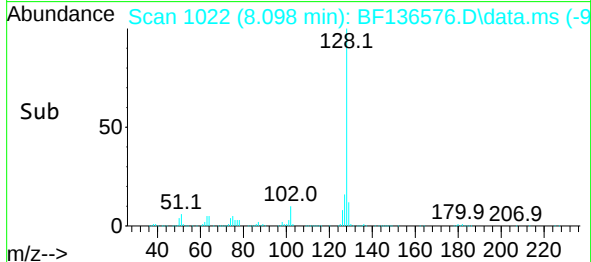
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion:136 Resp: 160711
Ion Ratio Lower Upper
136 100
137 13.3 8.6 12.8
54 10.5 5.7 8.5
68 6.5 4.0 6.0

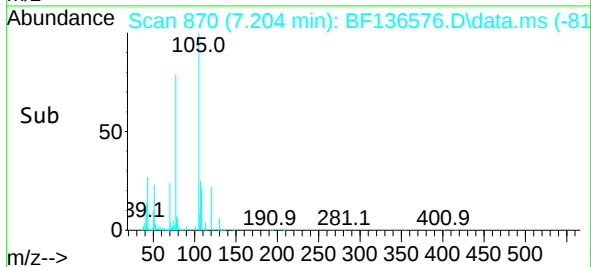
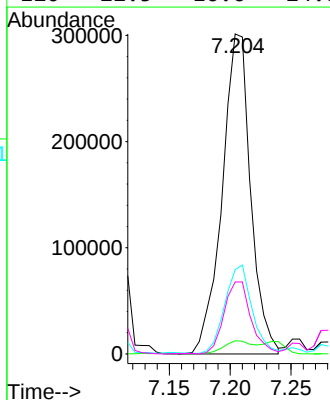
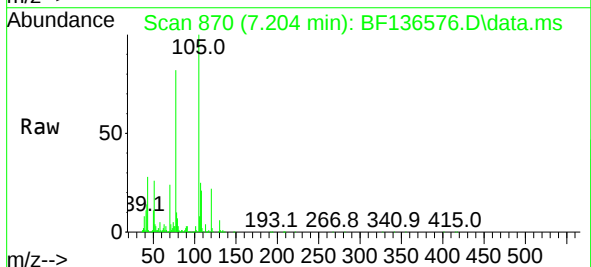
Manual Integrations
APPROVED

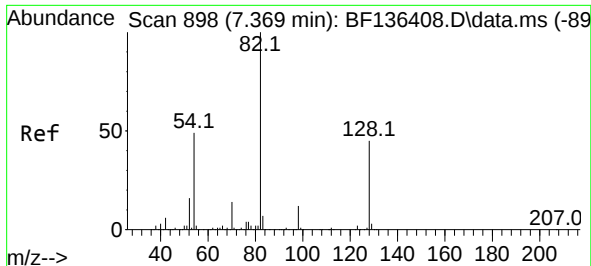
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#22
Acetophenone
Concen: 123.722 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:105 Resp: 491000
Ion Ratio Lower Upper
105 100
71 4.1 5.4 8.0
51 26.3 23.4 35.2
120 22.5 16.6 24.8





#23

Nitrobenzene-d5

Concen: 194.663 ng

RT: 7.363 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion: 82 Resp: 57869

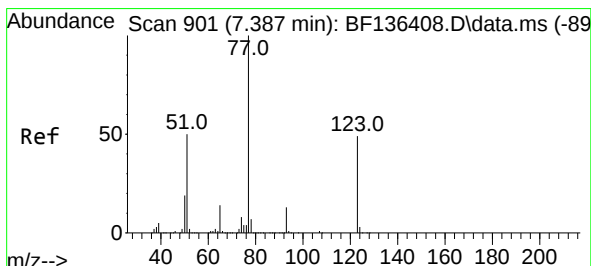
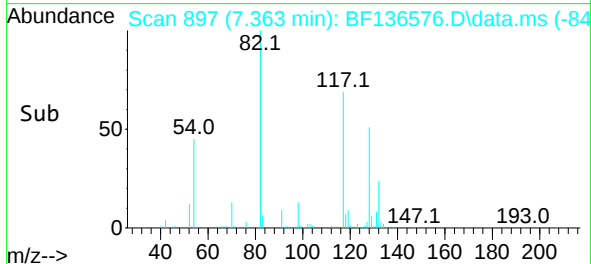
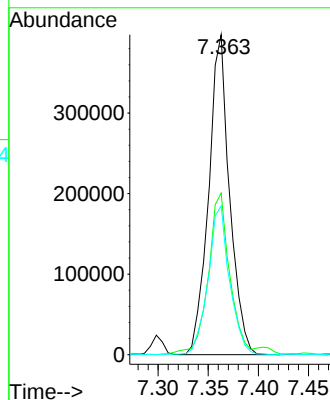
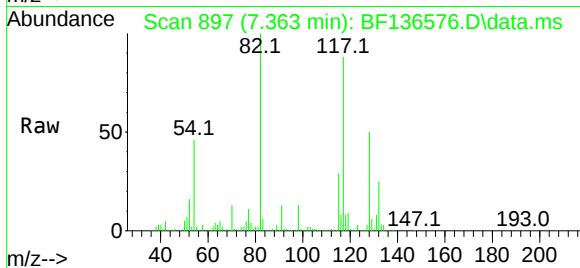
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.3	54.5
54	46.5	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#24

Nitrobenzene

Concen: 109.481 ng

RT: 7.375 min Scan# 899

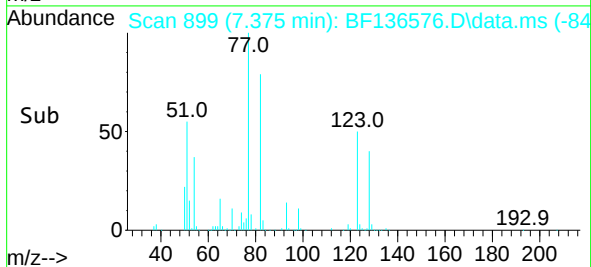
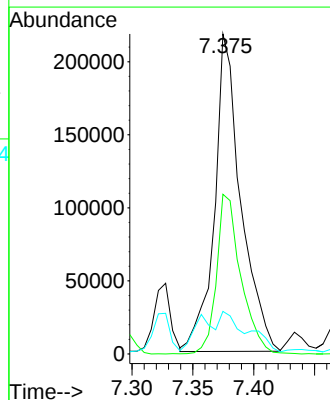
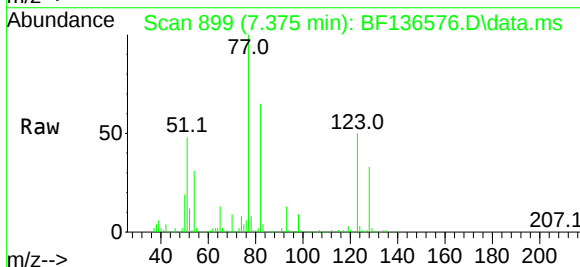
Delta R.T. -0.000 min

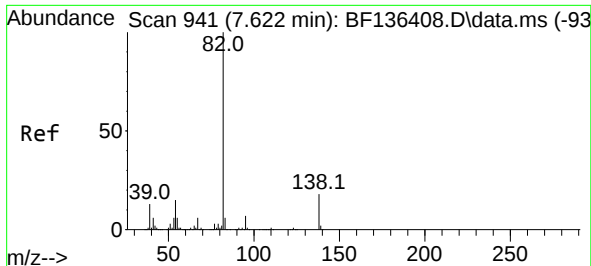
Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion: 77 Resp: 327410

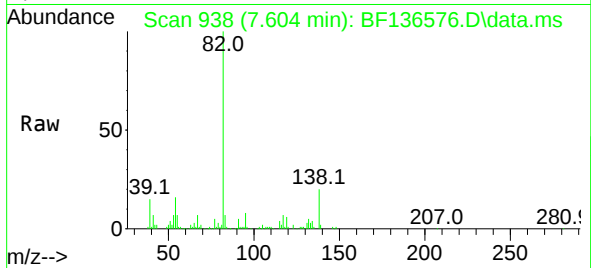
Ion	Ratio	Lower	Upper
77	100		
123	49.9	39.0	58.6
65	13.3	11.3	16.9





#25
Isophorone
Concen: 13.024 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

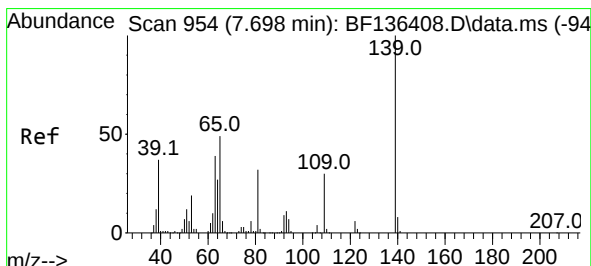
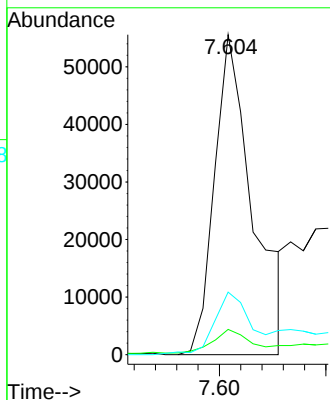
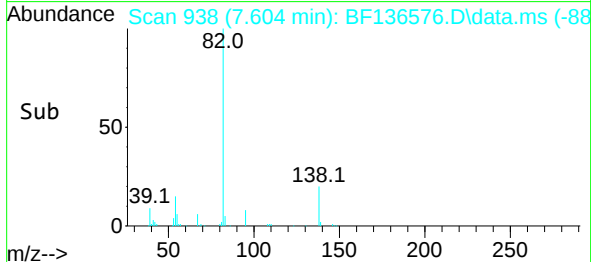
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion: 82 Resp: 69562
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 19.5 14.5 21.7

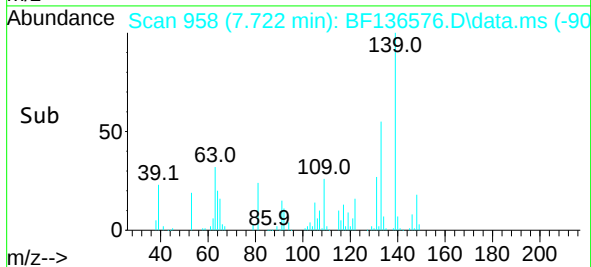
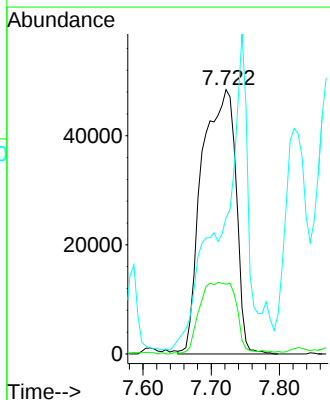
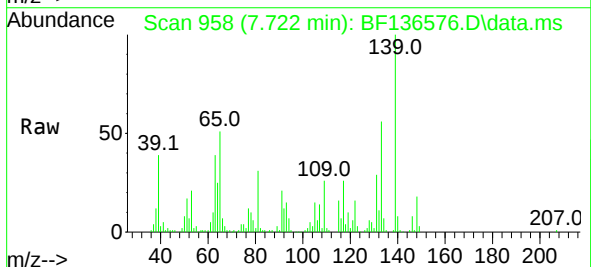
Manual Integrations
APPROVED

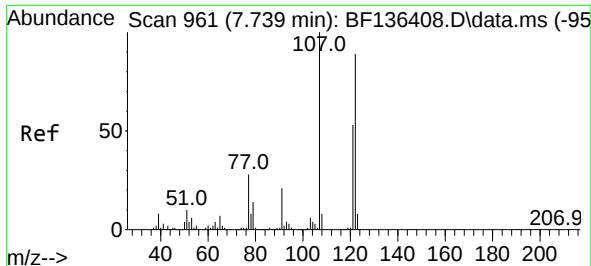
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#26
2-Nitrophenol
Concen: 114.067 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.035 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:139 Resp: 167704
Ion Ratio Lower Upper
139 100
109 26.4 23.6 35.4
65 51.5 39.4 59.2





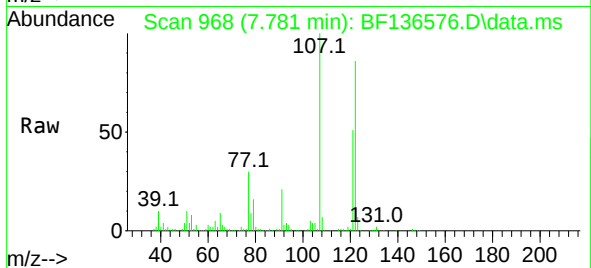
#27
2,4-Dimethylphenol
Concen: 110.731 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.053 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

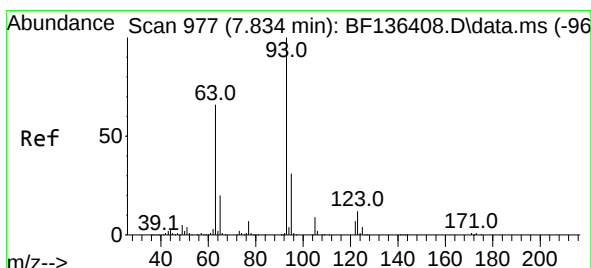
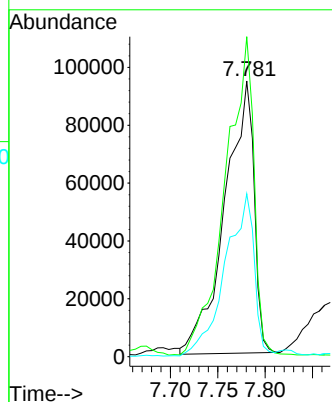
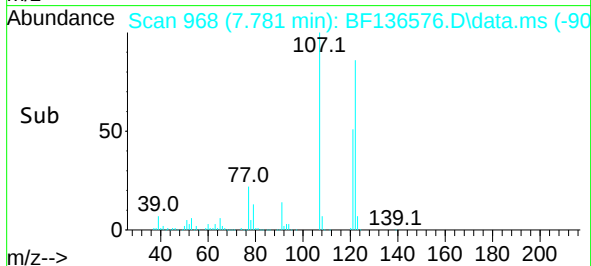


Tgt Ion:122 Resp: 20074
Ion Ratio Lower Upper
122 100
107 116.1 89.3 133.9
121 59.1 47.6 71.4

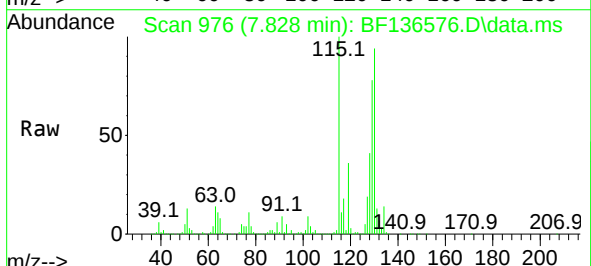
Manual Integrations

APPROVED

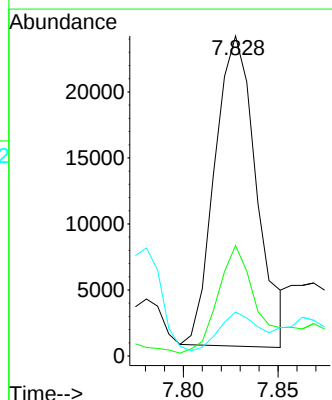
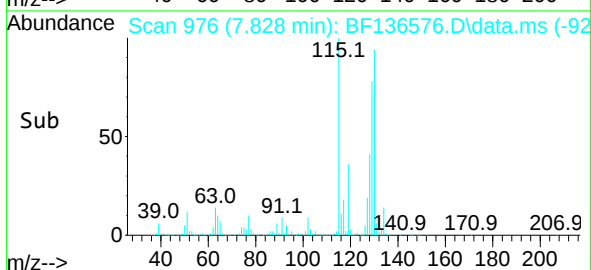
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

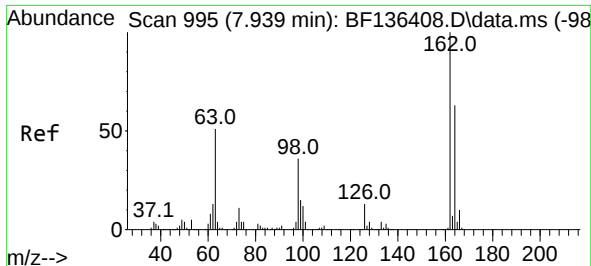


#28
bis(2-Chloroethoxy)methane
Concen: 10.954 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion: 93 Resp: 35949
Ion Ratio Lower Upper
93 100
95 34.5 25.0 37.4
123 13.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 6.689 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

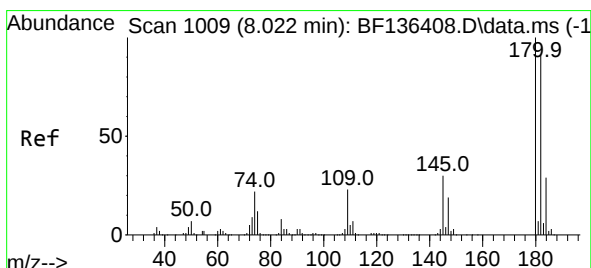
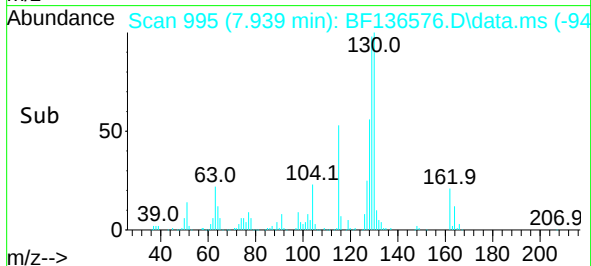
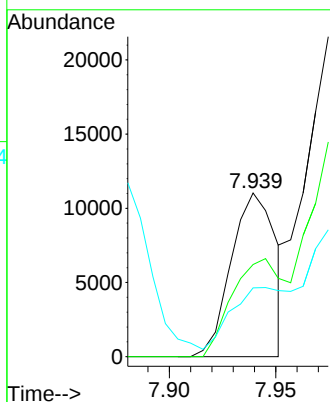
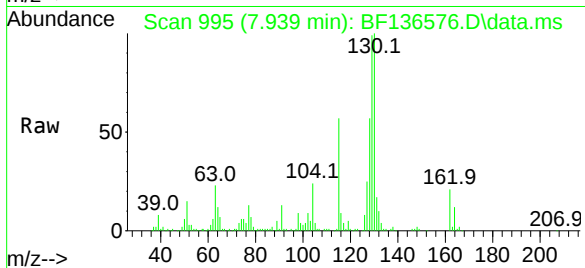
ClientSampleId :

MW-06IMSD

Tgt Ion:	162	Resp:	1600
Ion Ratio	Lower	Upper	
162	100		
164	56.4	43.0	83.0
98	42.1	16.2	56.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 21.855 ng

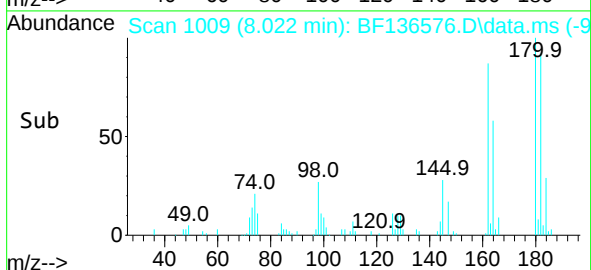
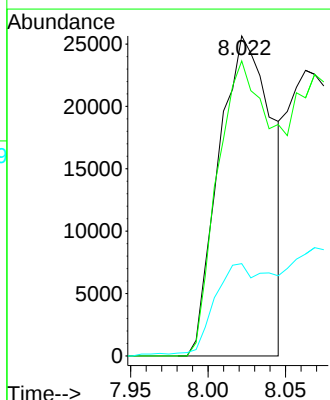
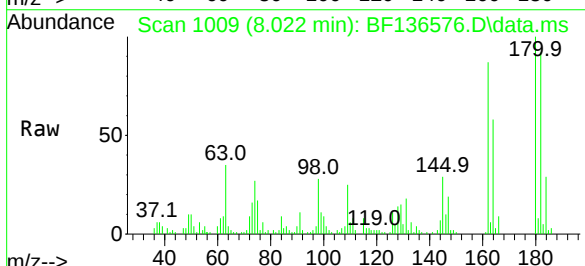
RT: 8.022 min Scan# 1009

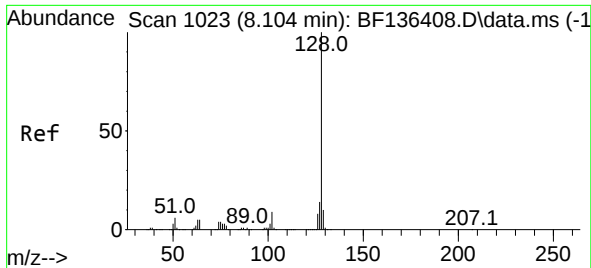
Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

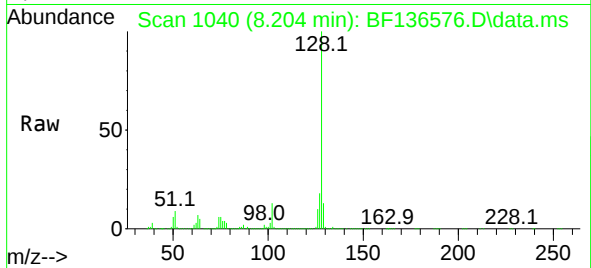
Tgt Ion:	180	Resp:	60980
Ion Ratio	Lower	Upper	
180	100		
182	92.2	73.1	109.7
145	28.8	23.8	35.8





#31
Naphthalene
Concen: 4190.166 ng
RT: 8.204 min Scan# 1023
Delta R.T. 0.112 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

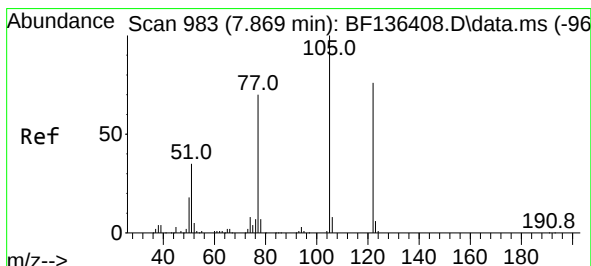
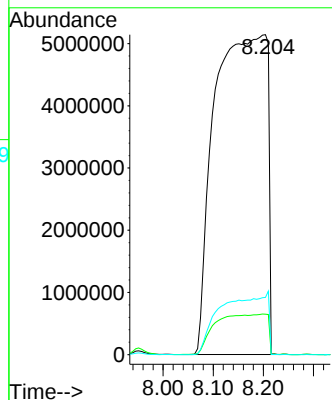
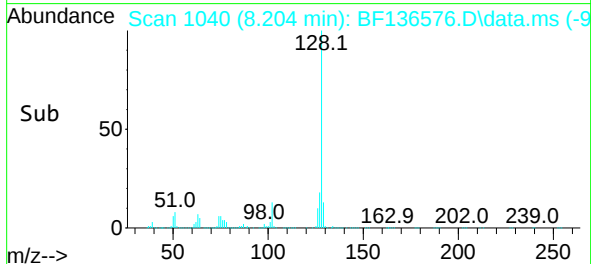
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion:128 Resp:3713561
Ion Ratio Lower Upper
128 100
129 12.7 8.3 12.5
127 17.9 11.1 16.7

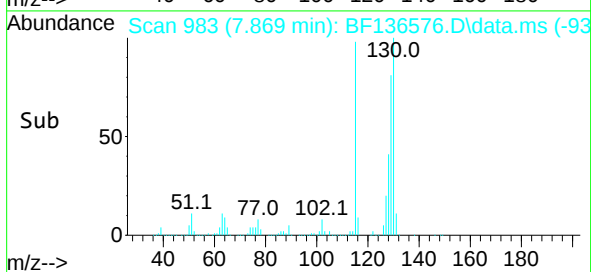
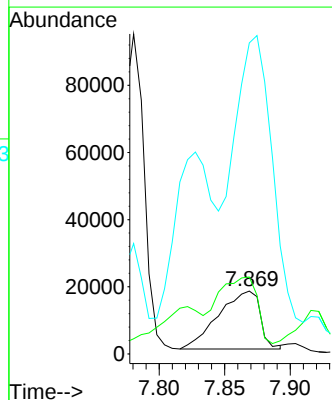
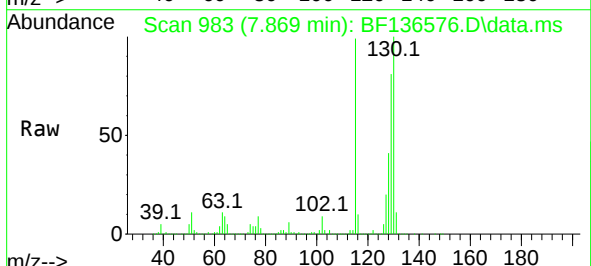
Manual Integrations
APPROVED

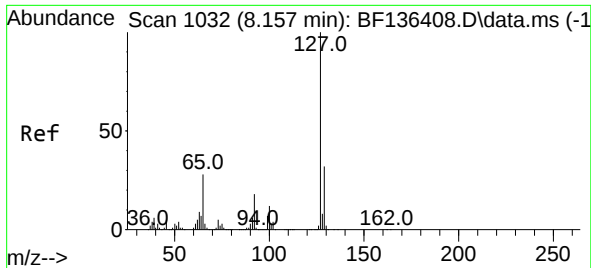
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#32
Benzoic acid
Concen: 21.271 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:122 Resp: 38254
Ion Ratio Lower Upper
122 100
105 122.3 104.7 144.7
77 494.5 68.5 108.5





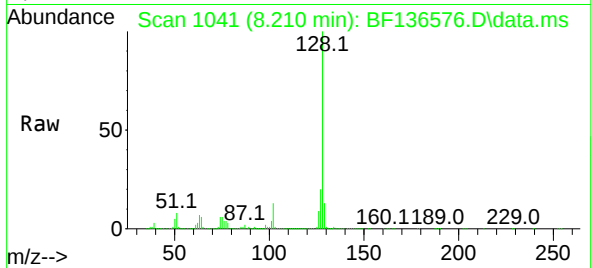
#33
4-Chloroaniline
Concen: 2016.876 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.070 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD



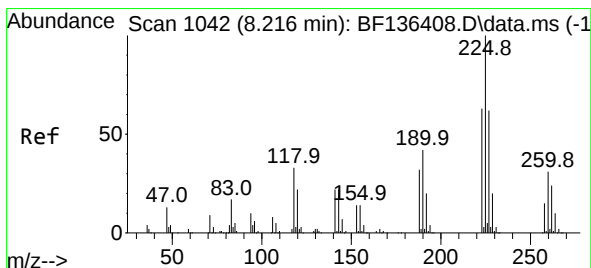
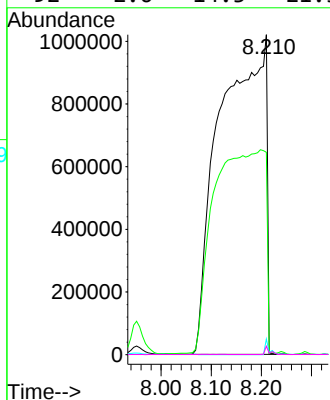
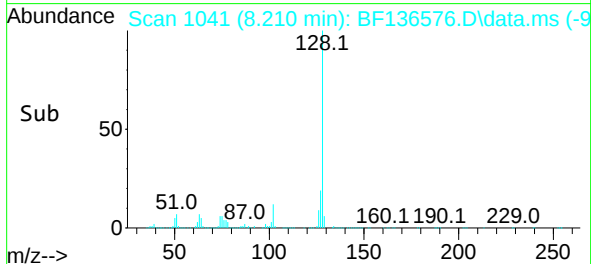
Tgt Ion:127 Resp: 637248
Ion Ratio Lower Upper
127 100
129 63.3 25.4 38.2
65 4.9 22.5 33.7
92 2.6 14.3 21.5

Manual Integrations

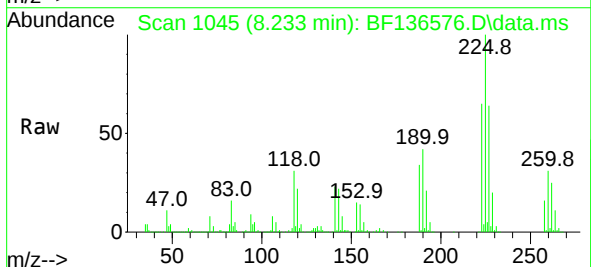
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

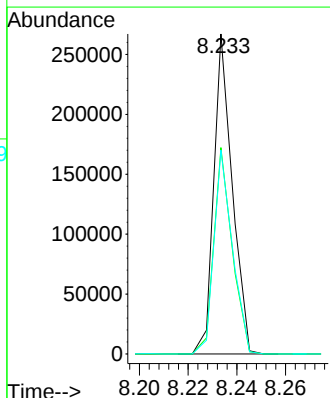
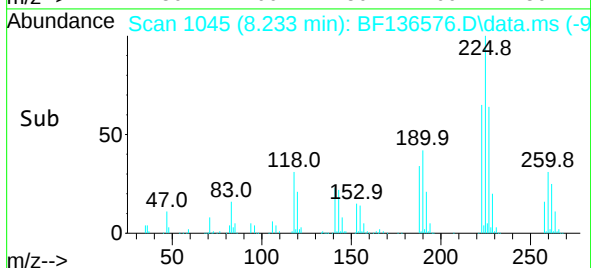
Supervised By :mohammad ahmed 12/15/2023

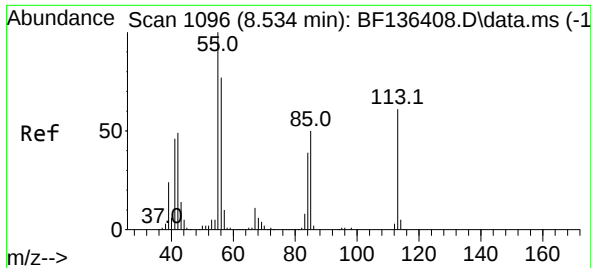


#34
Hexachlorobutadiene
Concen: 84.968 ng
RT: 8.233 min Scan# 1045
Delta R.T. 0.029 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



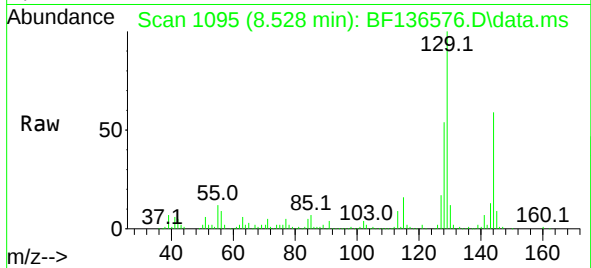
Tgt Ion:225 Resp: 140505
Ion Ratio Lower Upper
225 100
223 64.5 50.8 76.2
227 63.7 49.8 74.8





#35
 Caprolactam
 Concen: 19.333 ng
 RT: 8.528 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

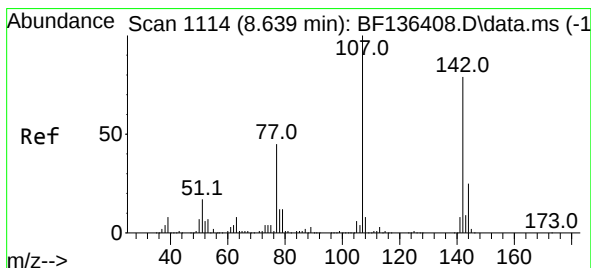
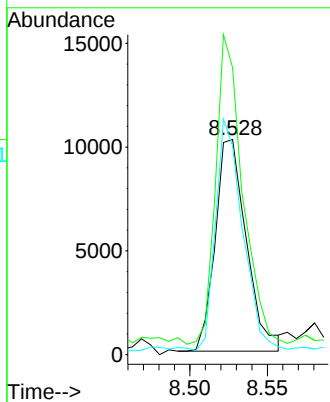
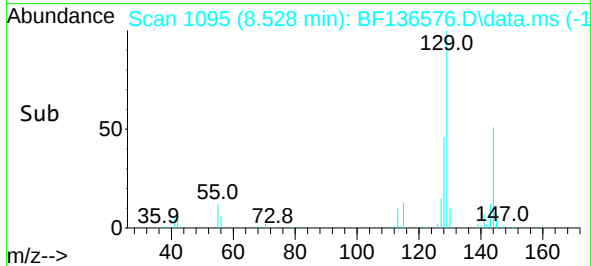
Instrument :
 BNA_F
 ClientSampleId :
 MW-06IMSD



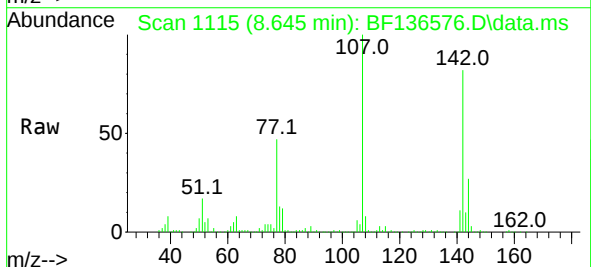
Tgt Ion:113 Resp: 14240
 Ion Ratio Lower Upper
 113 100
 55 133.4 143.7 183.7
 56 97.1 105.2 145.2

Manual Integrations
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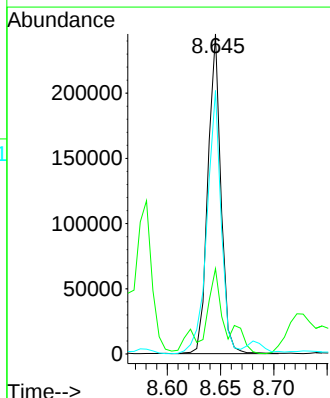
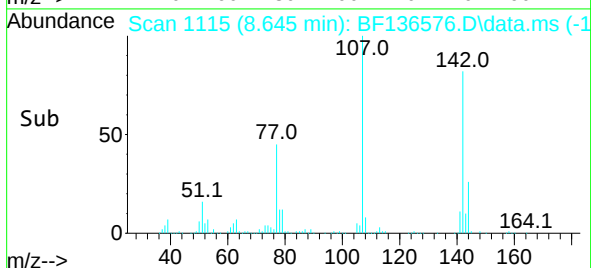
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

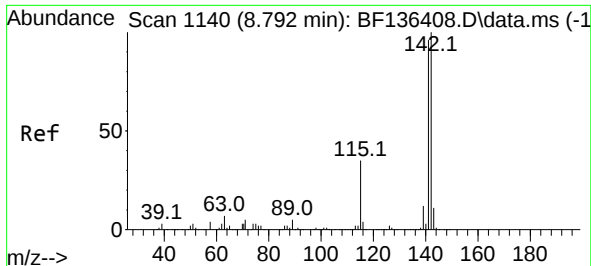


#36
 4-Chloro-3-methylphenol
 Concen: 81.812 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.018 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19



Tgt Ion:107 Resp: 207861
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.1 30.1
 142 82.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 1090.843 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.035 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion:142 Resp: 6150478

Ion Ratio Lower Upper

142 100

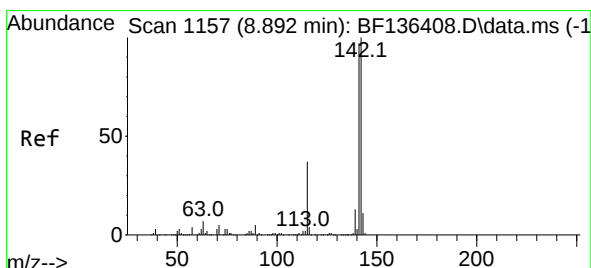
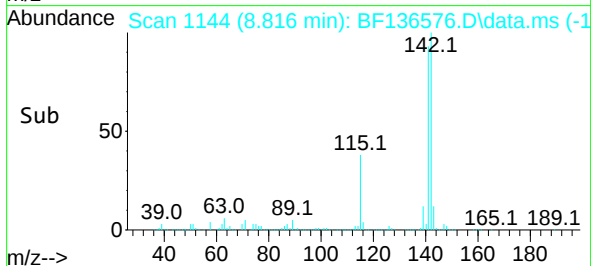
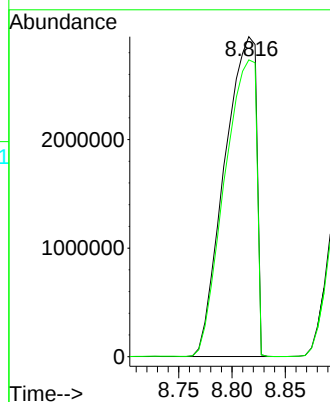
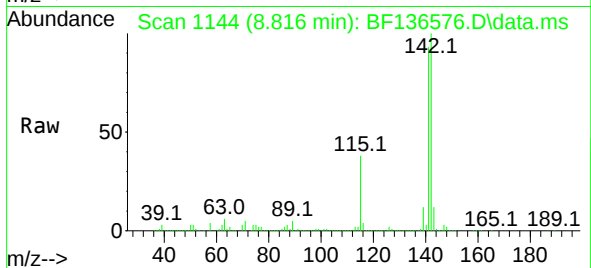
141 92.7 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#38

1-Methylnaphthalene

Concen: 801.376 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.035 min

Lab File: BF136576.D

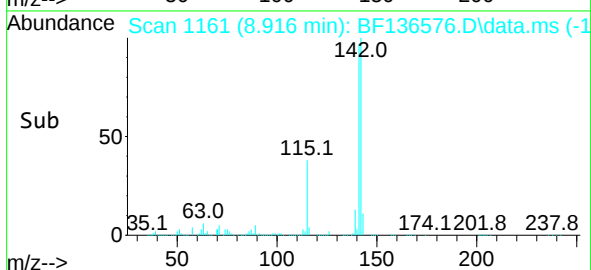
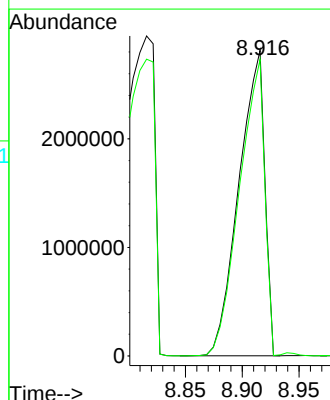
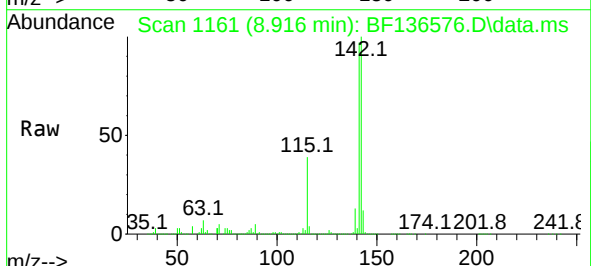
Acq: 14 Dec 2023 19:19

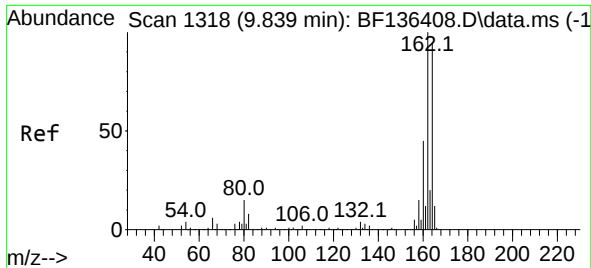
Tgt Ion:142 Resp: 4433787

Ion Ratio Lower Upper

142 100

141 97.0 77.7 116.5





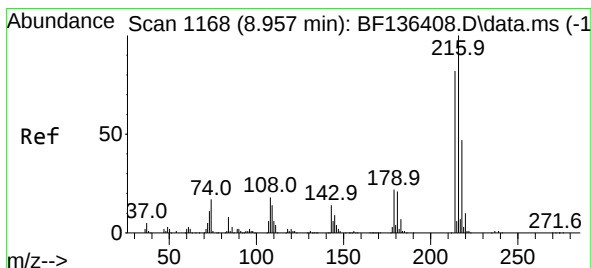
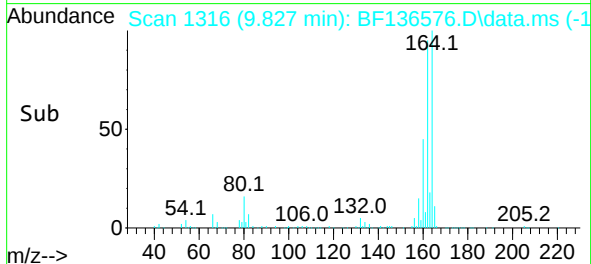
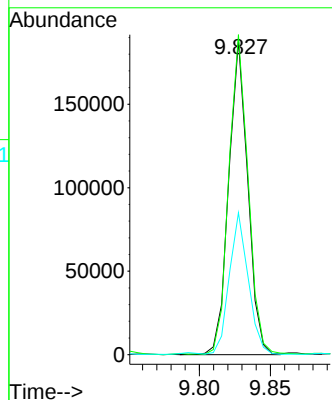
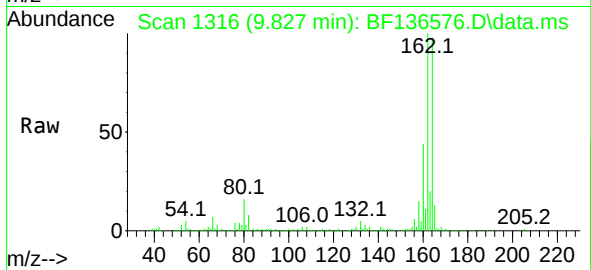
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :
MW-06IMSD

Tgt Ion:164 Resp: 17599
Ion Ratio Lower Upper
164 100
162 101.8 84.4 126.6
160 45.2 37.6 56.4

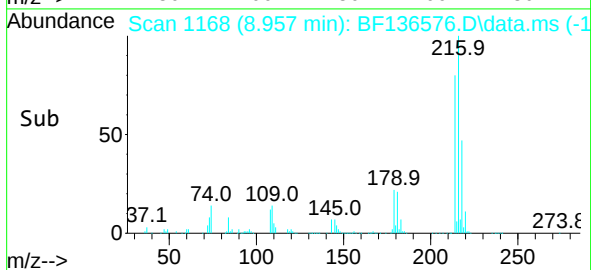
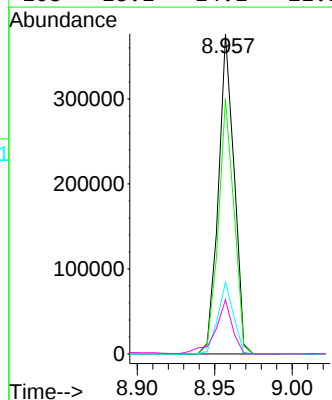
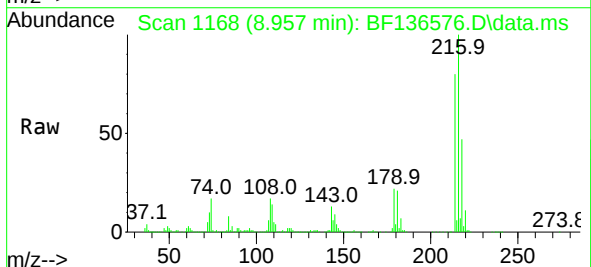
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.346 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

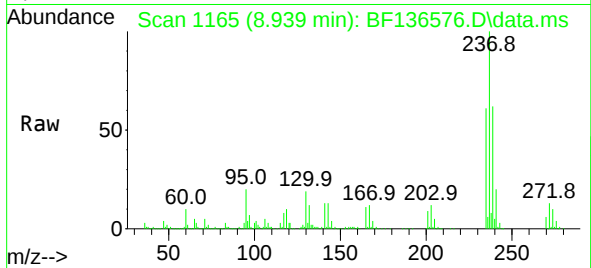
Tgt Ion:216 Resp: 264719
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 22.2 17.0 25.6
108 18.1 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 89.331 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

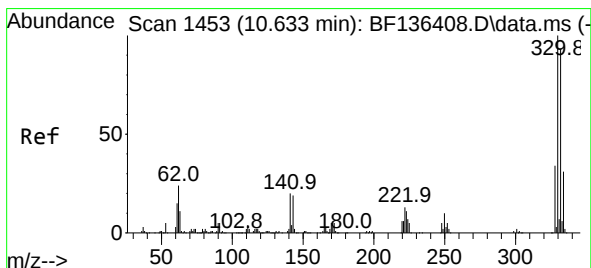
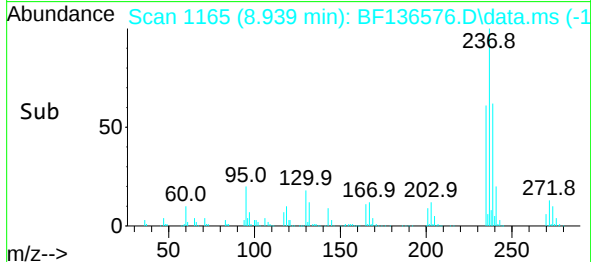
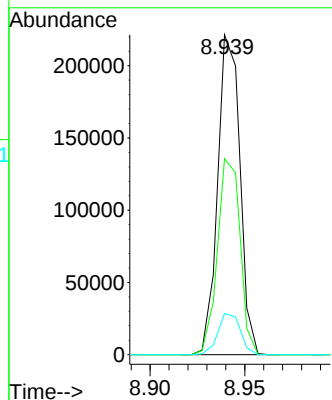
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion:237 Resp: 181210
Ion Ratio Lower Upper
237 100
235 61.3 44.1 84.1
272 12.9 0.0 33.3

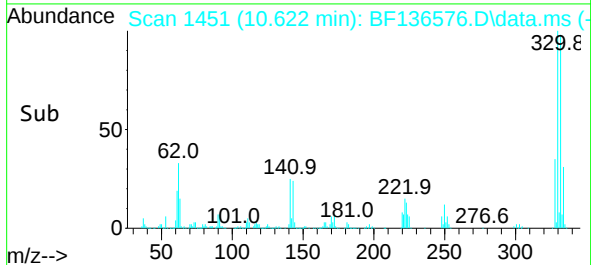
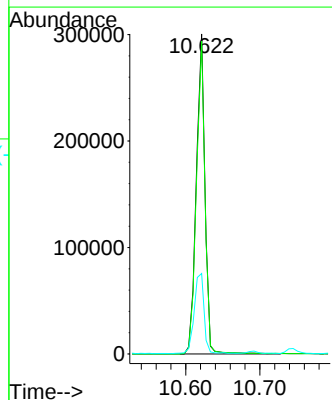
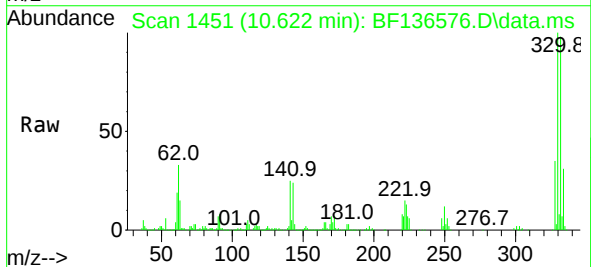
Manual Integrations
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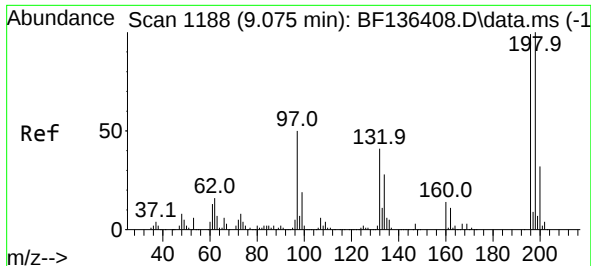
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#42
2,4,6-Tribromophenol
Concen: 112.629 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:330 Resp: 244409
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 28.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.281 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion:196 Resp: 15787

Ion Ratio Lower Upper

196 100

198 100.5 80.4 120.6

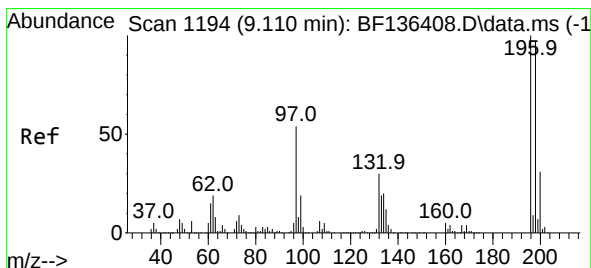
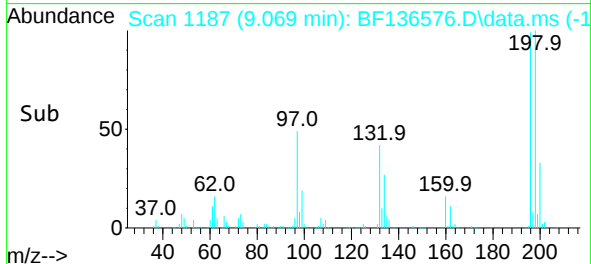
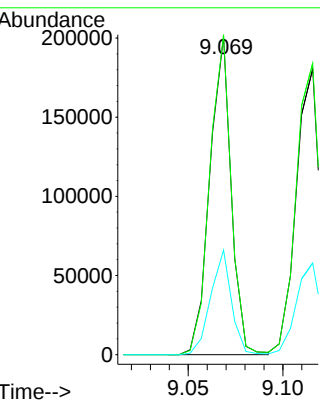
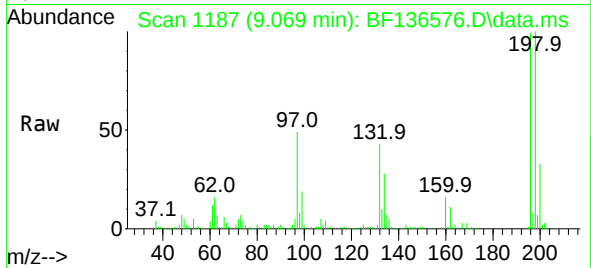
200 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#44

2,4,5-Trichlorophenol

Concen: 40.399 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion:196 Resp: 160754

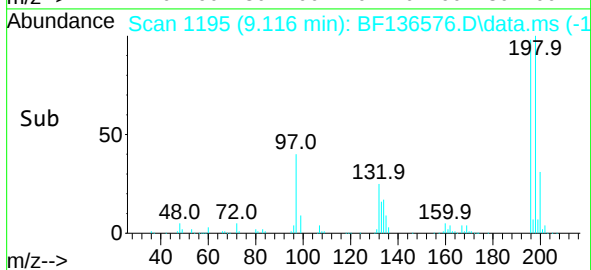
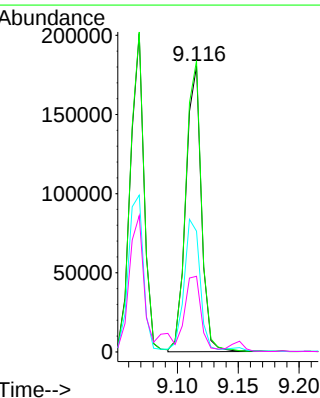
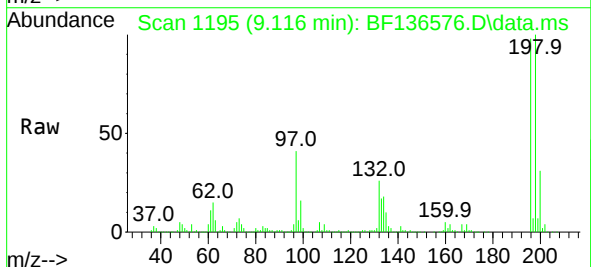
Ion Ratio Lower Upper

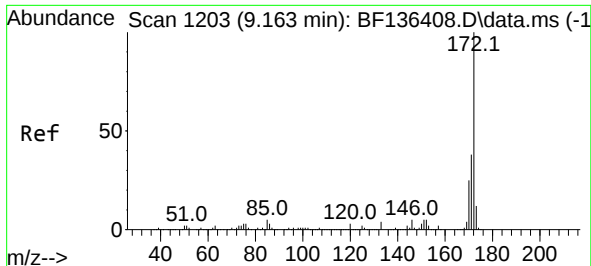
196 100

198 102.0 78.1 117.1

97 42.3 43.4 65.2#

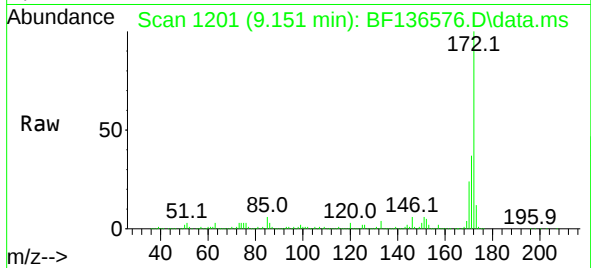
132 26.5 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 87.517 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

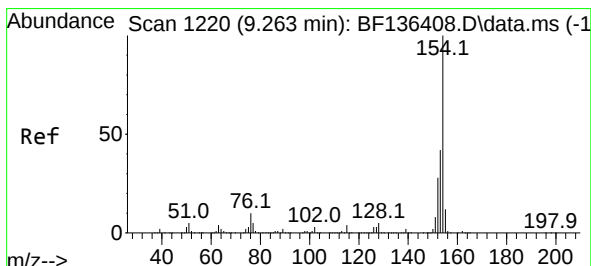
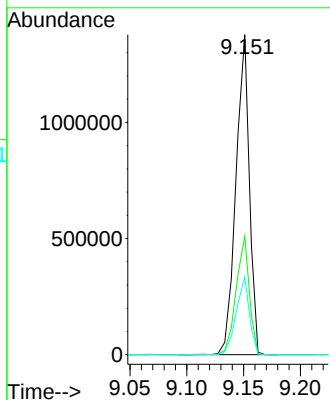
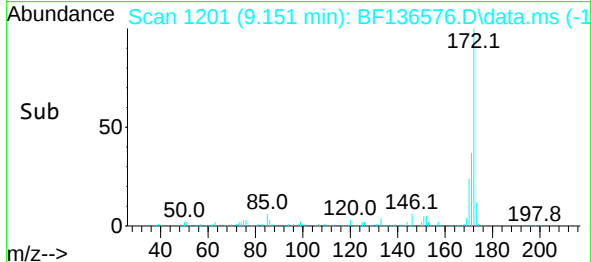
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



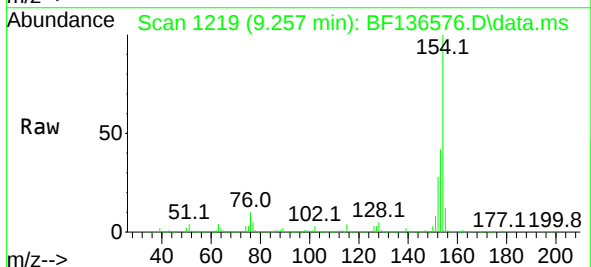
Tgt Ion:172 Resp: 112880
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.3 19.9 29.9

Manual Integrations
APPROVED

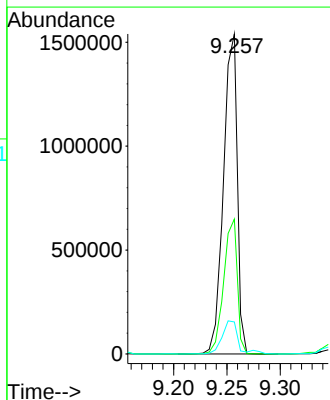
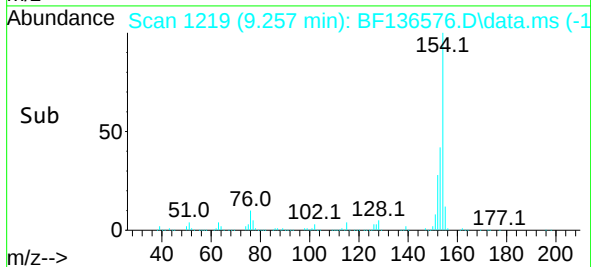
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#46
1,1'-Biphenyl
Concen: 92.443 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:154 Resp: 1384371
Ion Ratio Lower Upper
154 100
153 42.2 22.5 62.5
76 10.0 0.0 29.9





#47

2-Chloronaphthalene

Concen: 44.009 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion:162 Resp: 512954

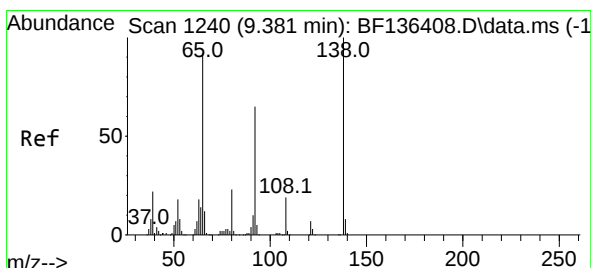
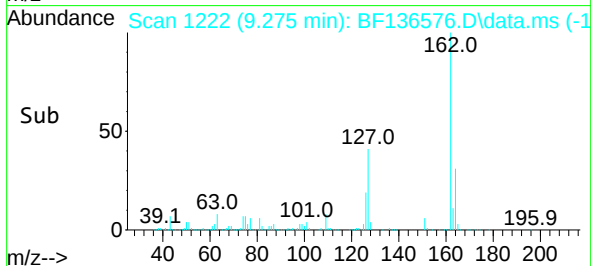
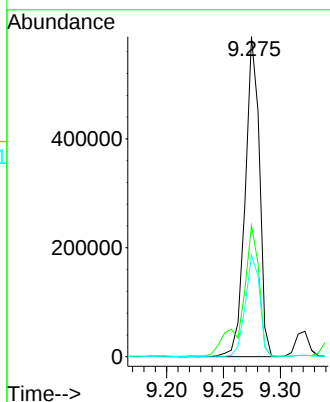
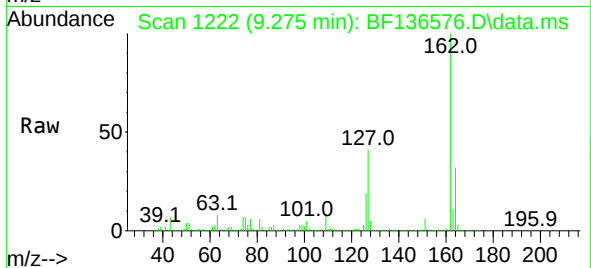
Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.1	46.7
164	31.7	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#48

2-Nitroaniline

Concen: 43.481 ng

RT: 9.375 min Scan# 1239

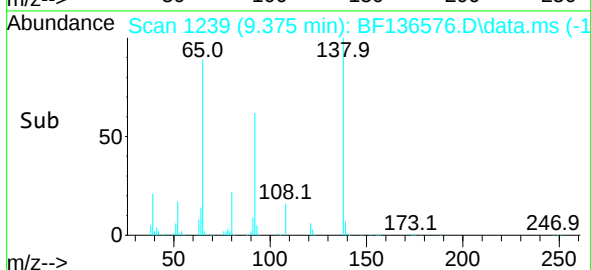
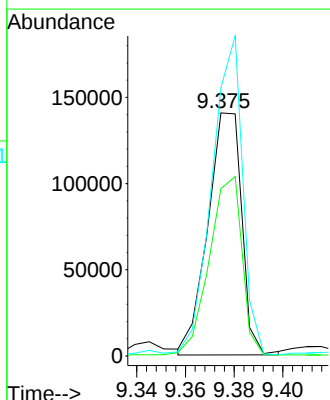
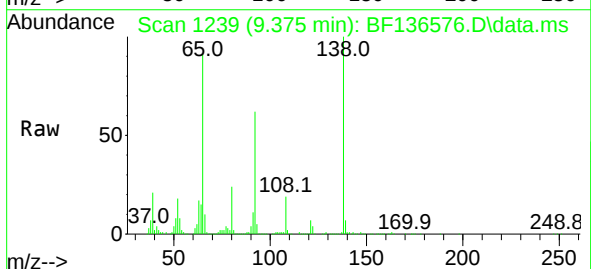
Delta R.T. 0.006 min

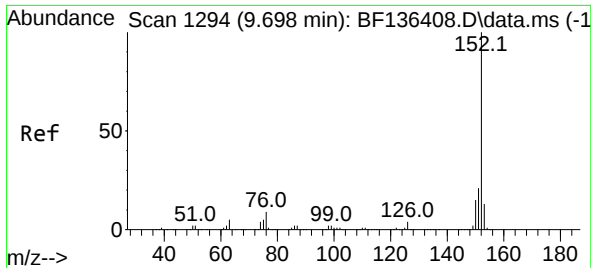
Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion: 65 Resp: 135925

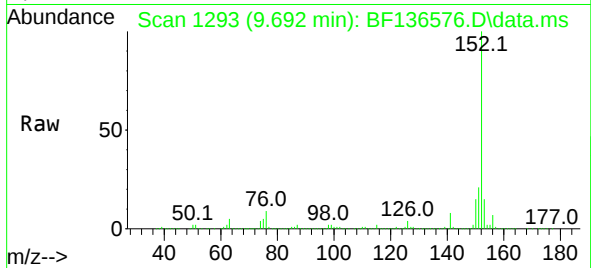
Ion	Ratio	Lower	Upper
65	100		
92	68.9	56.1	84.1
138	110.4	86.7	130.1





#49
Acenaphthylene
Concen: 52.271 ng
RT: 9.692 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

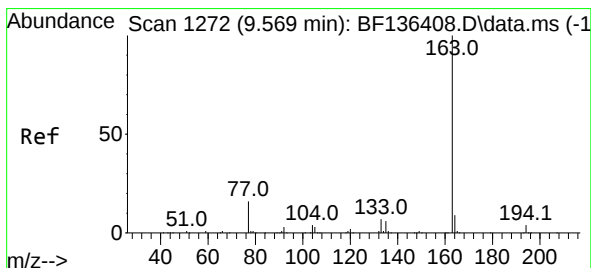
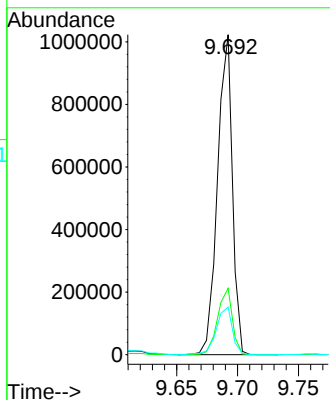
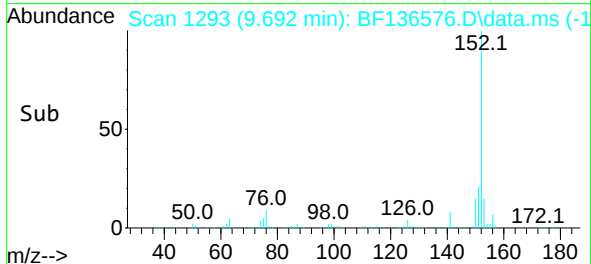
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



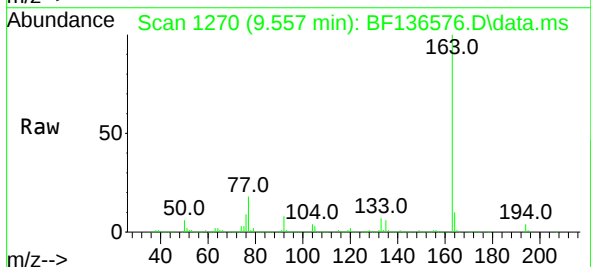
Tgt Ion:152 Resp: 867900
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 14.9 10.6 15.8

Manual Integrations
APPROVED

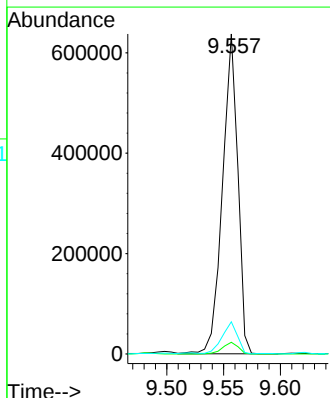
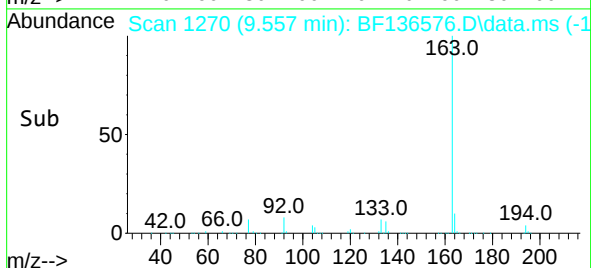
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

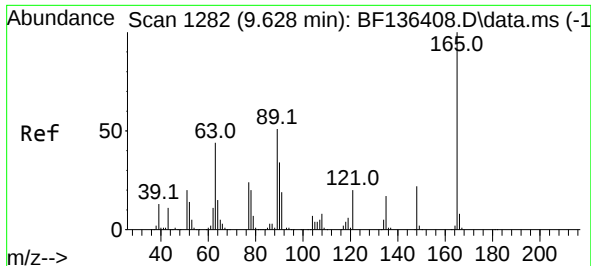


#50
Dimethylphthalate
Concen: 46.083 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:163 Resp: 597111
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 42.603 ng

RT: 9.622 min Scan# 1282

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

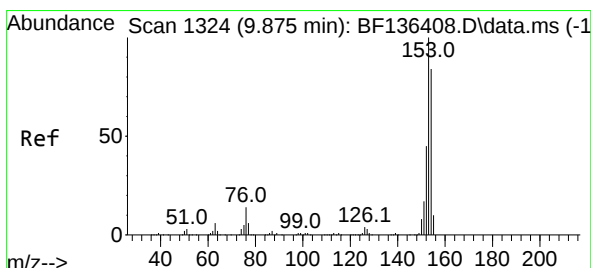
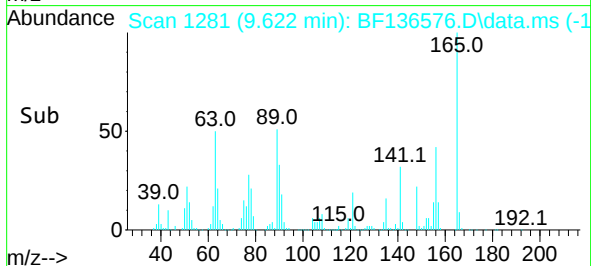
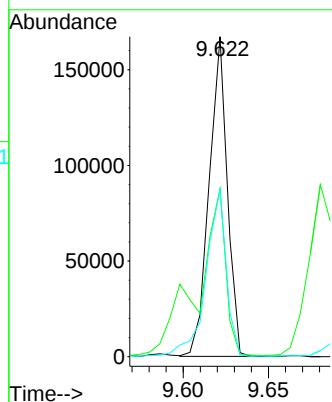
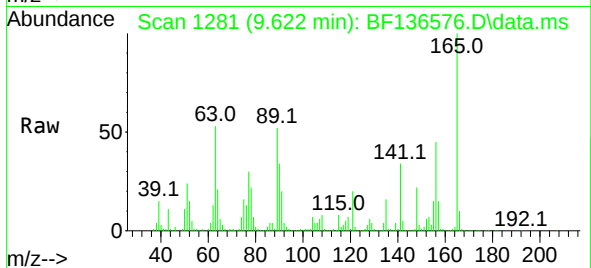
Tgt Ion:	165	Resp:	124190
Ion Ratio	Lower	Upper	
165	100		
63	52.5	40.4	60.6
89	52.2	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#52

Acenaphthene

Concen: 192.528 ng

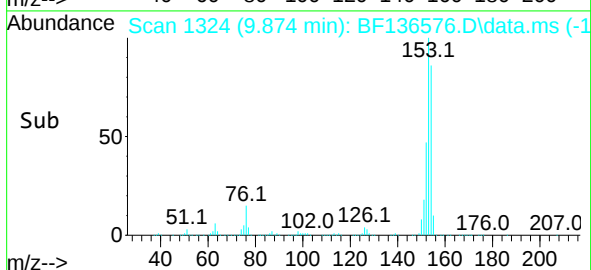
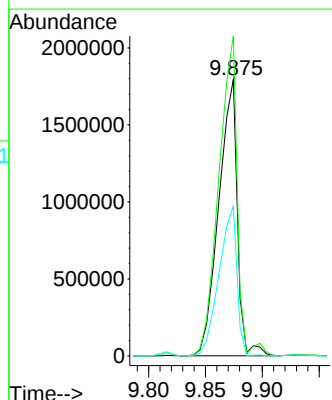
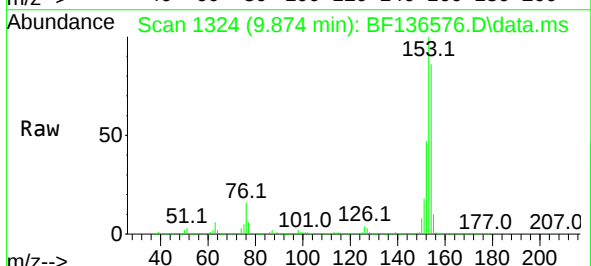
RT: 9.874 min Scan# 1324

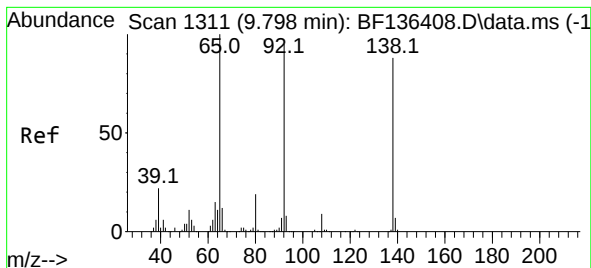
Delta R.T. 0.012 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion:	154	Resp:	2048468
Ion Ratio	Lower	Upper	
154	100		
153	115.7	95.3	142.9
152	54.2	43.2	64.8





#53

3-Nitroaniline

Concen: 29.552 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.006 min

Lab File: BF136576.D

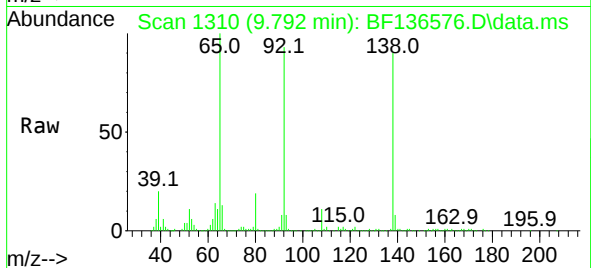
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD



Tgt Ion:138 Resp: 87970

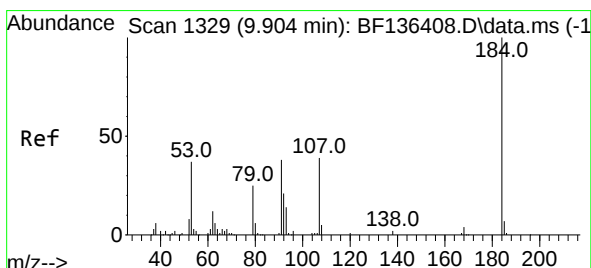
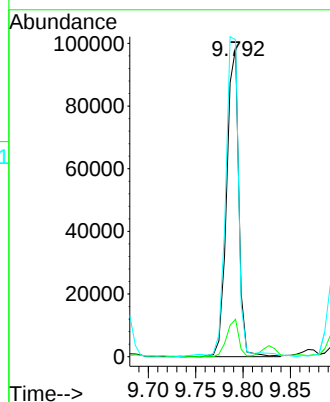
Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.5	12.7
92	102.8	86.1	129.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#54

2,4-Dinitrophenol

Concen: 51.537 ng

RT: 9.892 min Scan# 1327

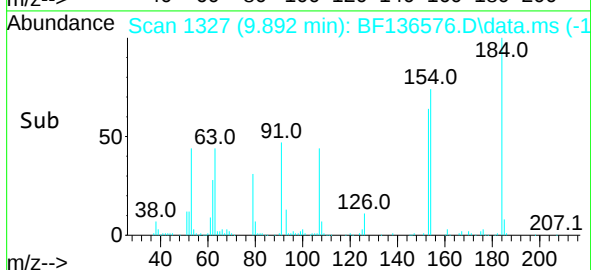
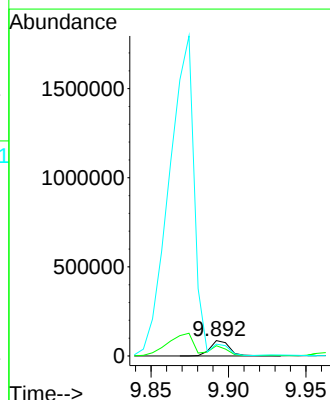
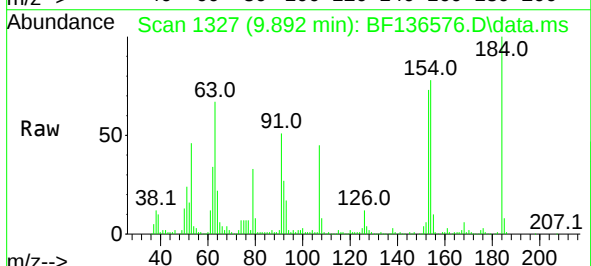
Delta R.T. -0.000 min

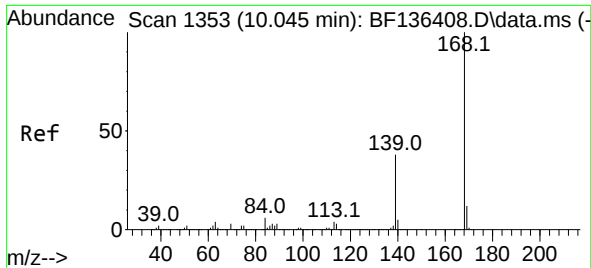
Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion:184 Resp: 75957

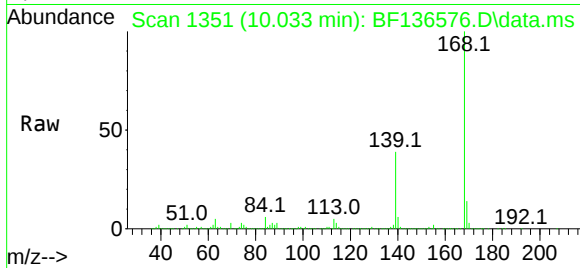
Ion	Ratio	Lower	Upper
184	100		
63	67.2	39.1	58.7#
154	77.7	49.9	74.9#





#55
Dibenzenofuran
Concen: 49.366 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

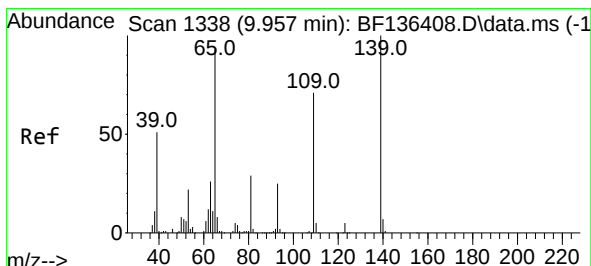
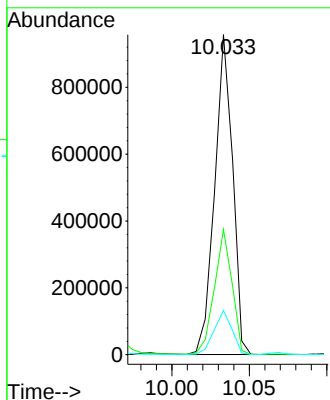
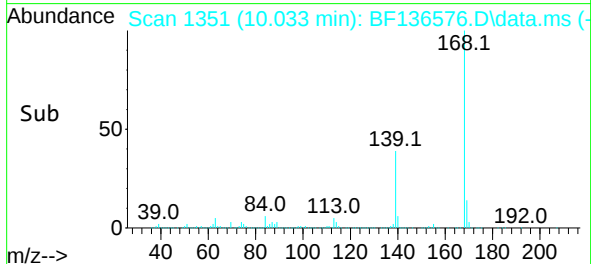
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion:168 Resp: 76732
Ion Ratio Lower Upper
168 100
139 39.2 30.4 45.6
169 13.8 9.9 14.9

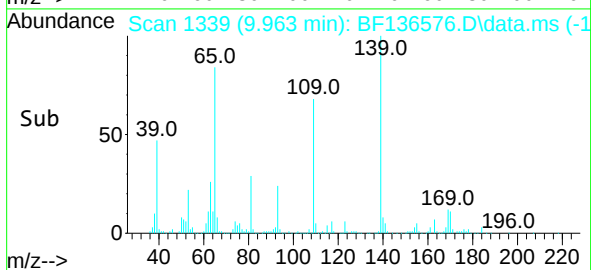
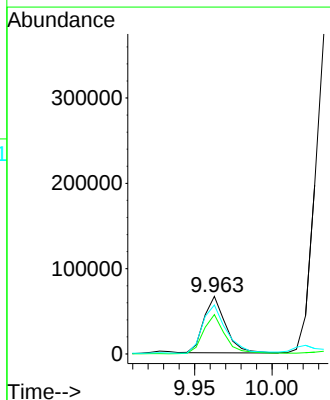
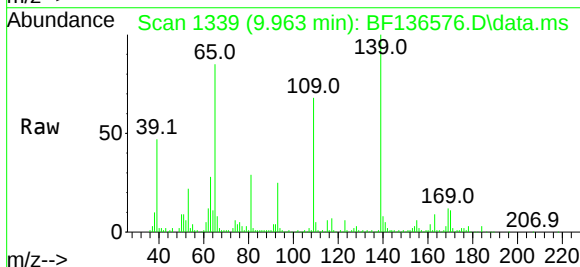
Manual Integrations
APPROVED

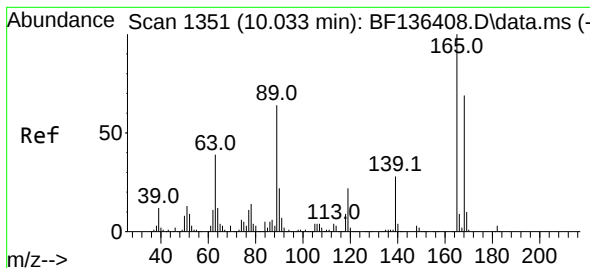
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#56
4-Nitrophenol
Concen: 28.815 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

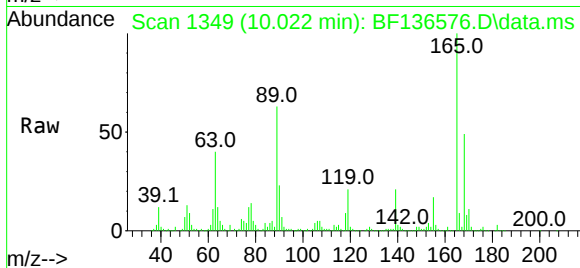
Tgt Ion:139 Resp: 64302
Ion Ratio Lower Upper
139 100
109 68.5 50.6 90.6
65 84.9 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 43.513 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

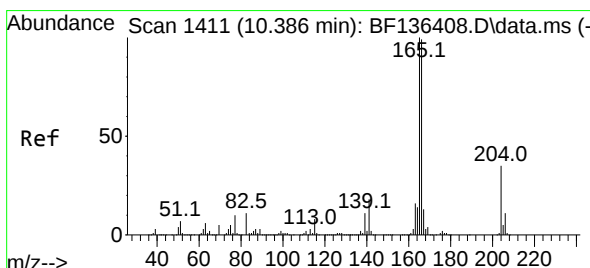
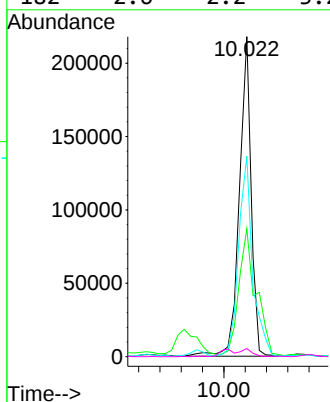
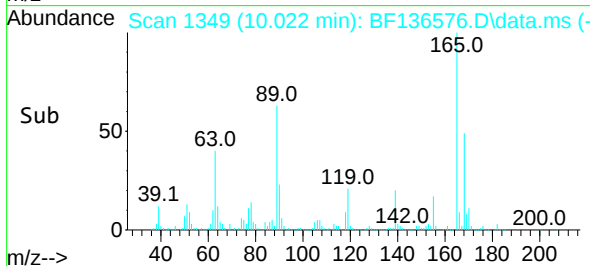
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion:165 Resp: 167790
Ion Ratio Lower Upper
165 100
63 40.0 31.4 47.2
89 62.7 51.7 77.5
182 2.6 2.2 3.2

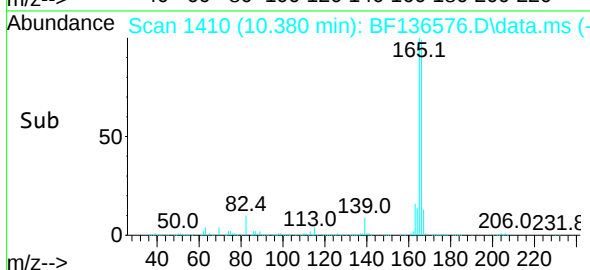
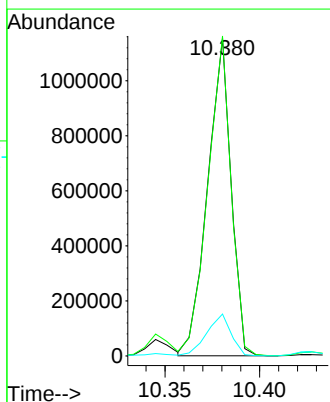
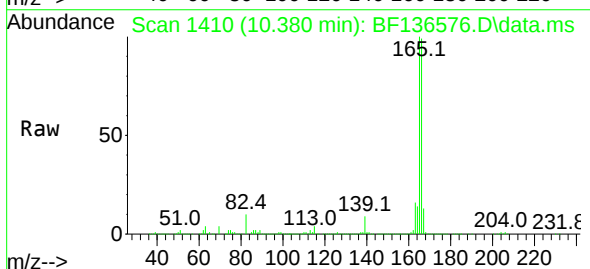
Manual Integrations
APPROVED

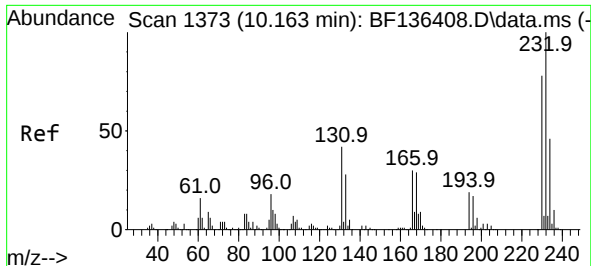
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#58
Fluorene
Concen: 79.721 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

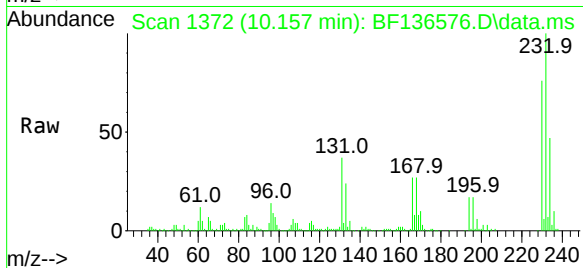
Tgt Ion:166 Resp: 994703
Ion Ratio Lower Upper
166 100
165 100.7 80.5 120.7
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.379 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

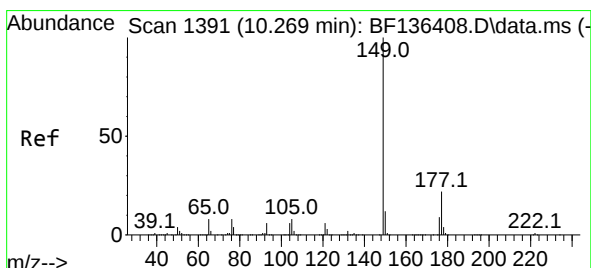
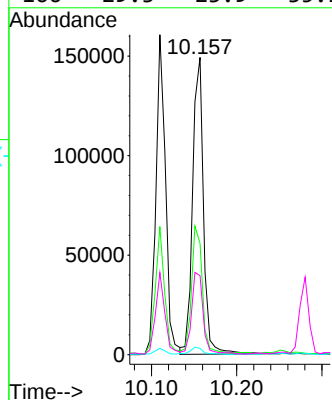
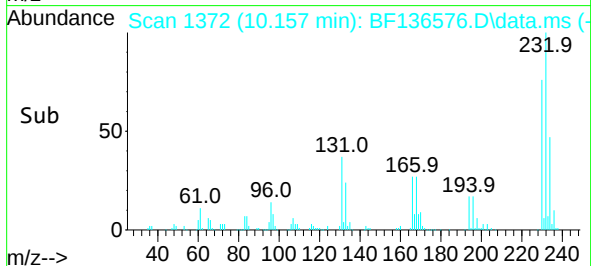
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



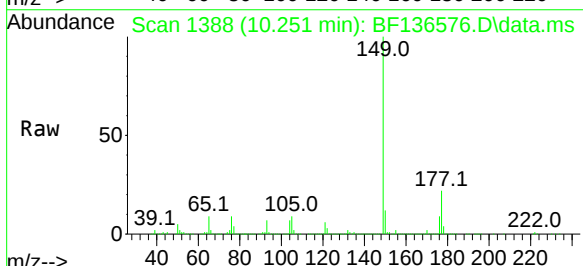
Tgt Ion:232 Resp: 131890
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 3.3 1.6 2.4
166 29.3 23.9 35.9

Manual Integrations
APPROVED

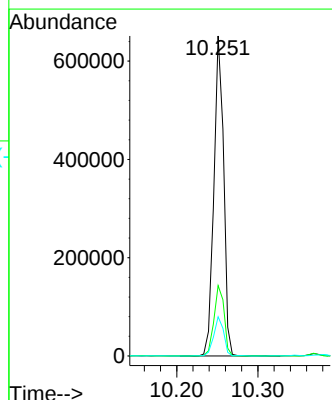
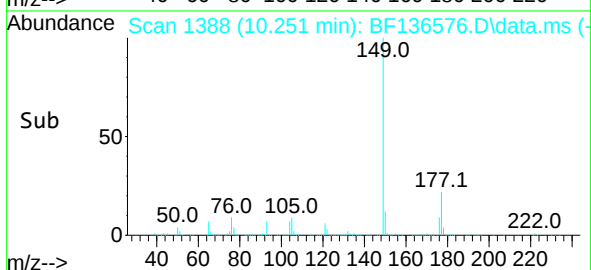
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

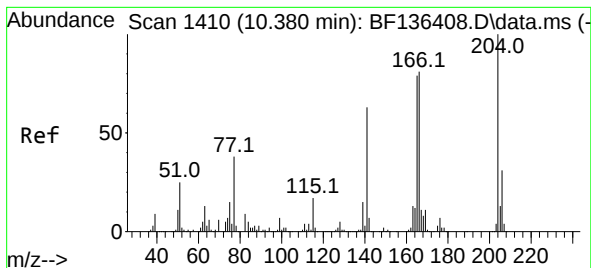


#60
Diethylphthalate
Concen: 42.499 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



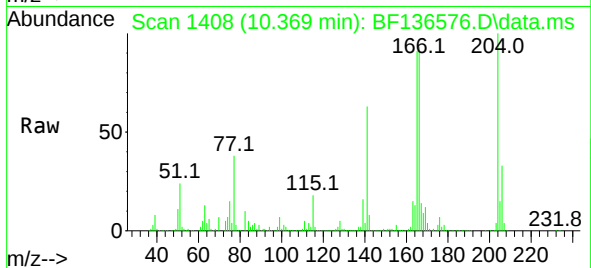
Tgt Ion:149 Resp: 541491
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.2 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 42.205 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

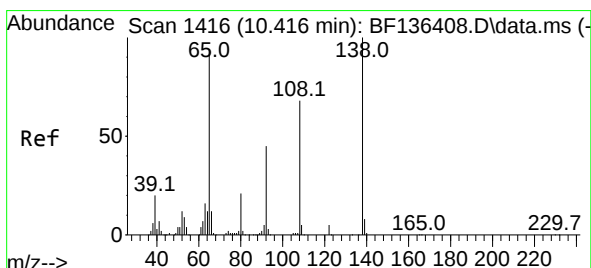
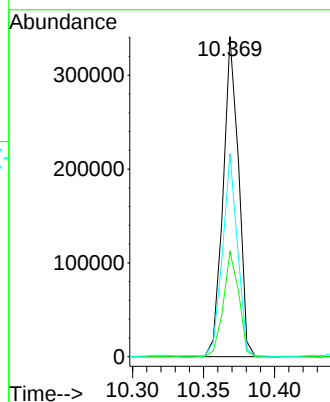
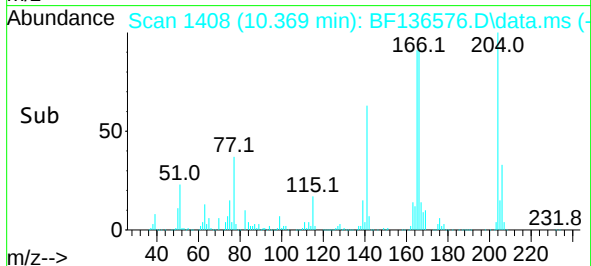
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion:204 Resp: 25671
Ion Ratio Lower Upper
204 100
206 32.9 24.6 36.8
141 63.5 50.3 75.5

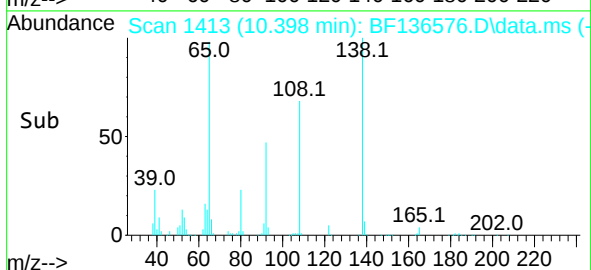
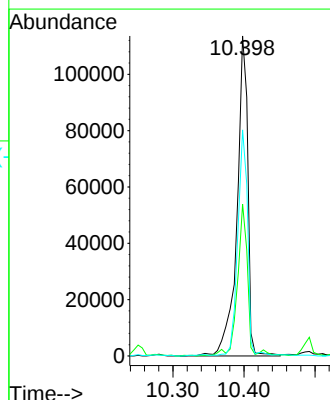
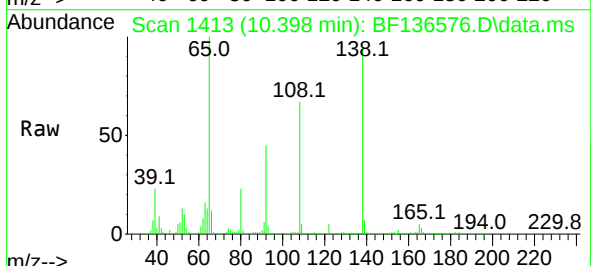
Manual Integrations
APPROVED

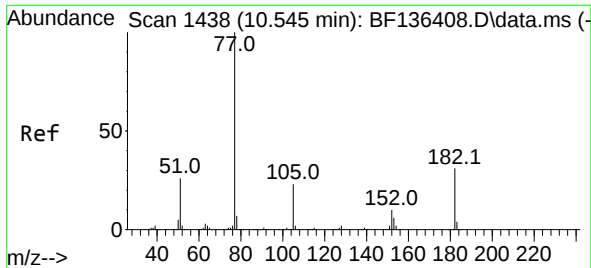
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#62
4-Nitroaniline
Concen: 41.076 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:138 Resp: 121410
Ion Ratio Lower Upper
138 100
92 47.4 25.0 65.0
108 70.6 47.9 87.9





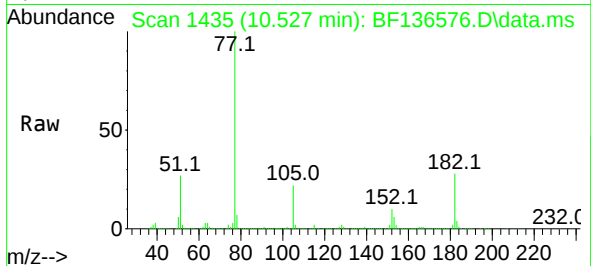
#63
Azobenzene
Concen: 40.497 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD



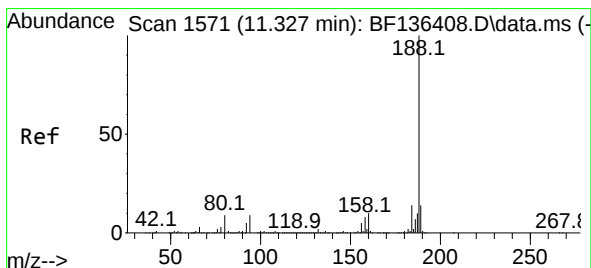
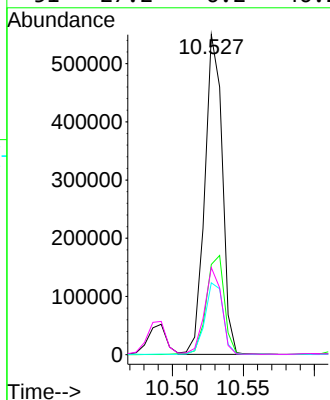
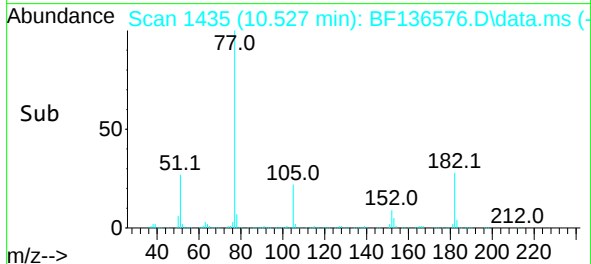
Tgt Ion: 77 Resp: 46965
Ion Ratio Lower Upper
77 100
182 28.2 10.8 50.8
105 22.4 2.6 42.6
51 27.2 6.2 46.2

Manual Integrations

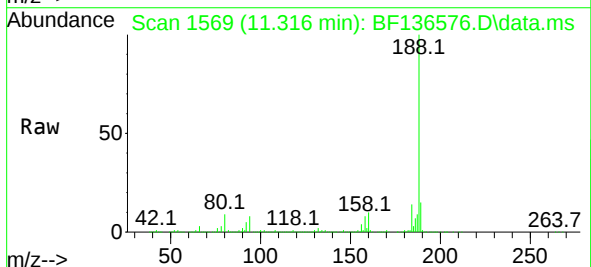
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

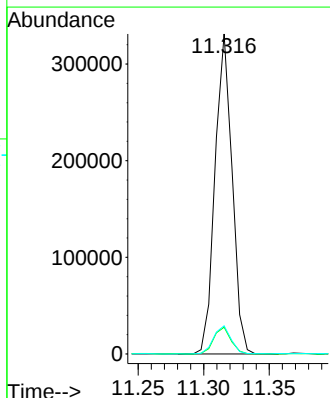
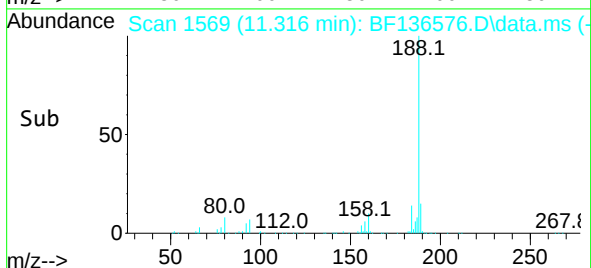
Supervised By :mohammad ahmed 12/15/2023

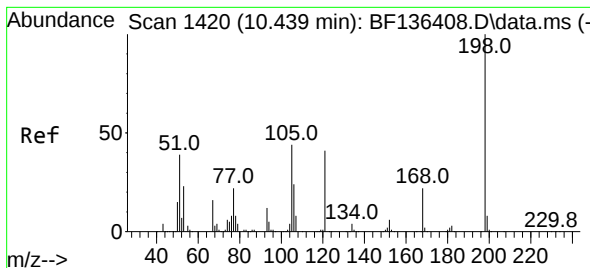


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:188 Resp: 300375
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.8 7.2 10.8





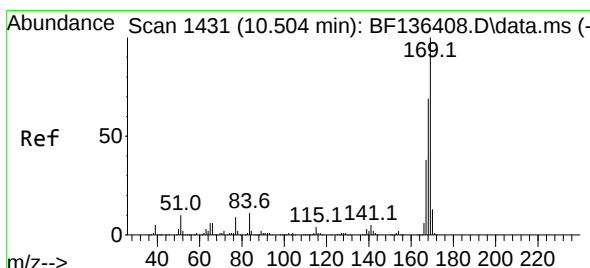
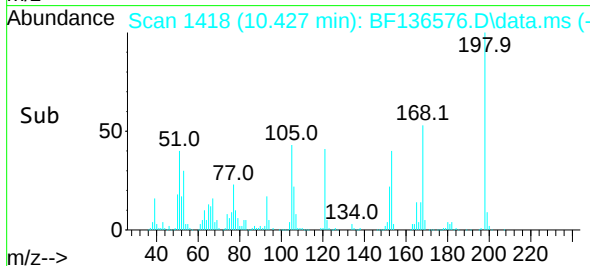
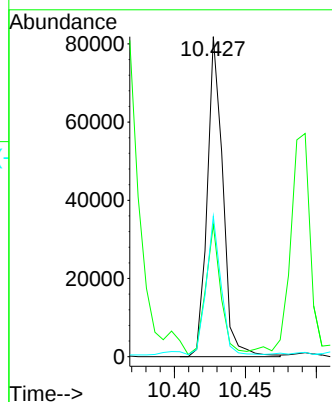
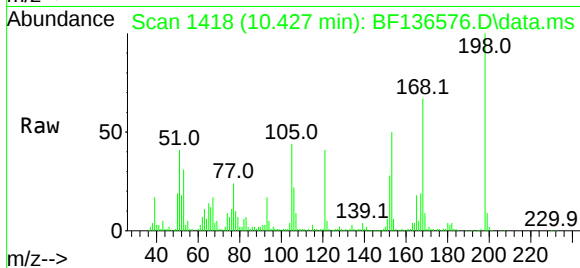
#65
4,6-Dinitro-2-methylphenol
Concen: 33.743 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Instrument :
BNA_F
ClientSampleId :
MW-06IMSD

Tgt Ion:198 Resp: 62770
Ion Ratio Lower Upper
198 100
51 41.3 24.1 64.1
105 43.8 24.8 64.8

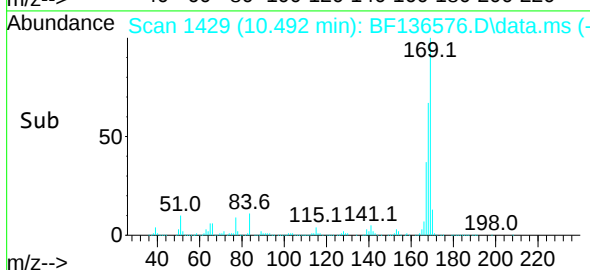
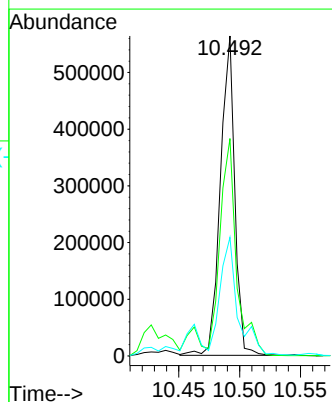
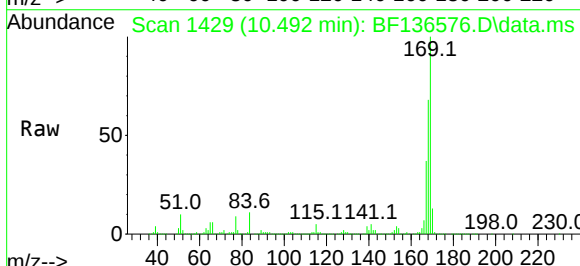
Manual Integrations
APPROVED

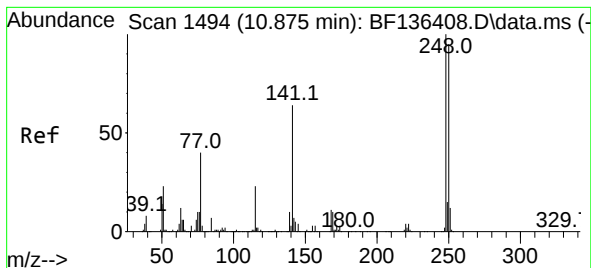
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#66
n-Nitrosodiphenylamine
Concen: 48.387 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

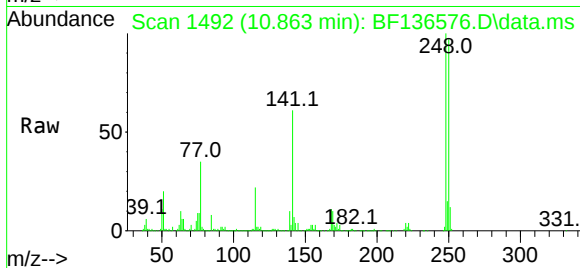
Tgt Ion:169 Resp: 466373
Ion Ratio Lower Upper
169 100
168 68.0 55.3 82.9
167 37.1 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 45.932 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

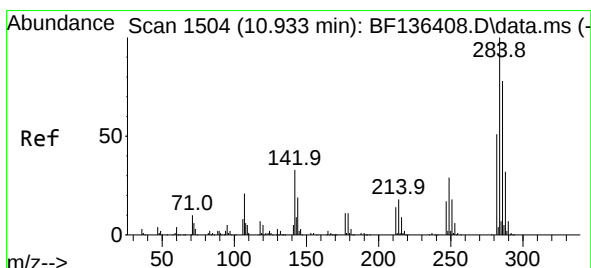
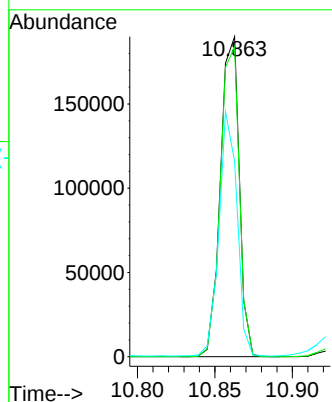
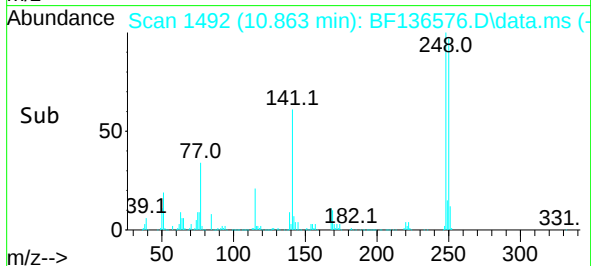
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



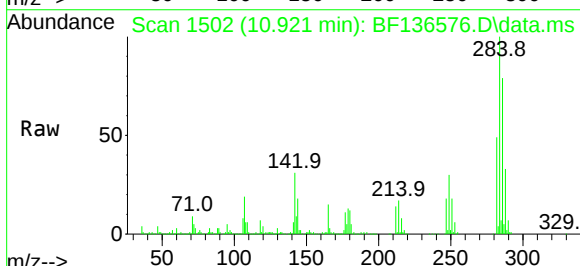
Tgt Ion:248 Resp: 16041
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.2
141 61.0 51.0 76.4

Manual Integrations
APPROVED

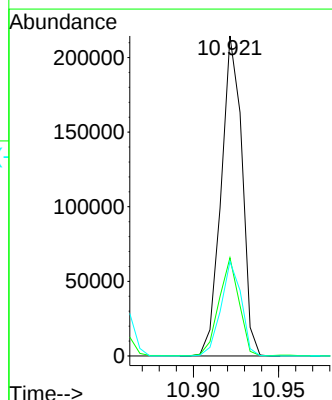
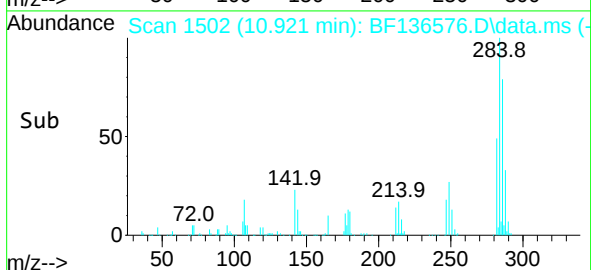
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

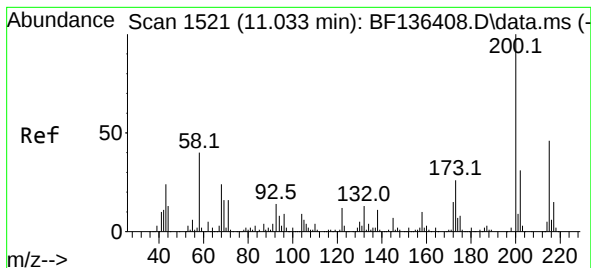


#68
Hexachlorobenzene
Concen: 45.059 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:284 Resp: 181873
Ion Ratio Lower Upper
284 100
142 30.7 26.5 39.7
249 29.5 23.4 35.0





#69

Atrazine

Concen: 55.727 ng

RT: 11.027 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion:200 Resp: 15330

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

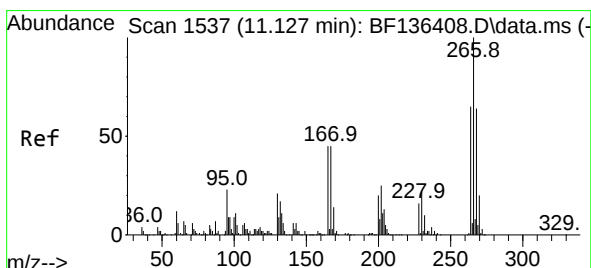
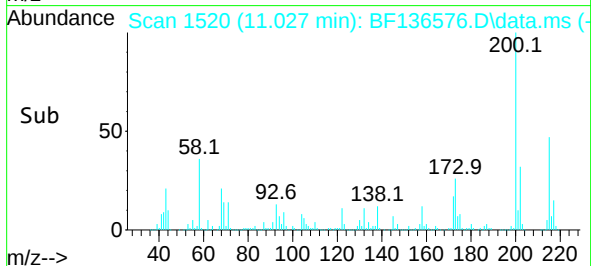
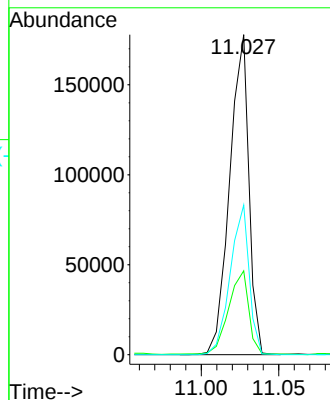
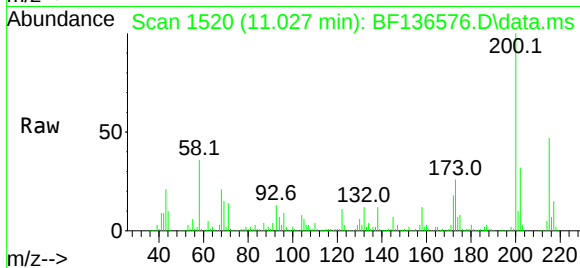
215 46.7 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#70

Pentachlorophenol

Concen: 83.742 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

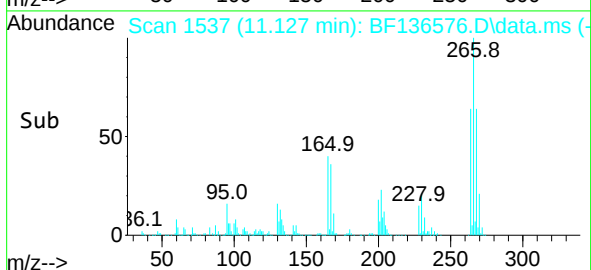
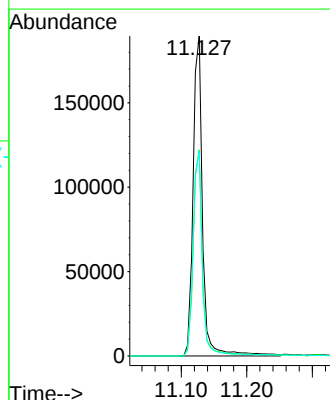
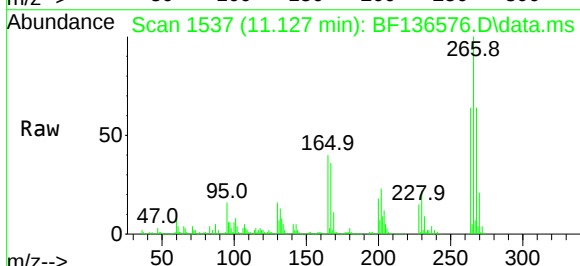
Tgt Ion:266 Resp: 190768

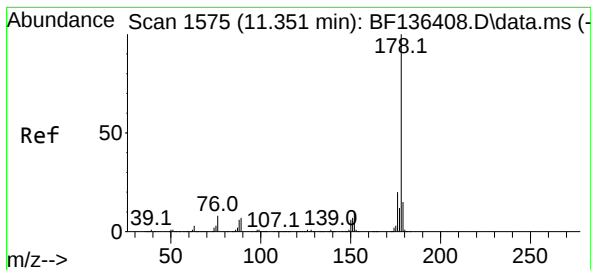
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 64.0 52.2 78.4





#71

Phenanthrene

Concen: 89.362 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion:178 Resp: 147536

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

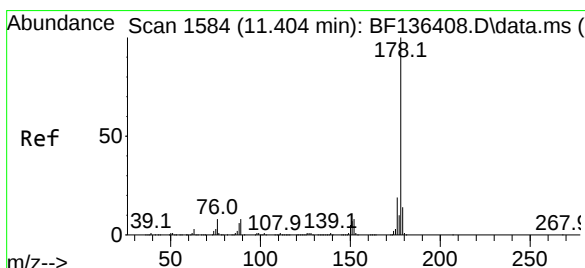
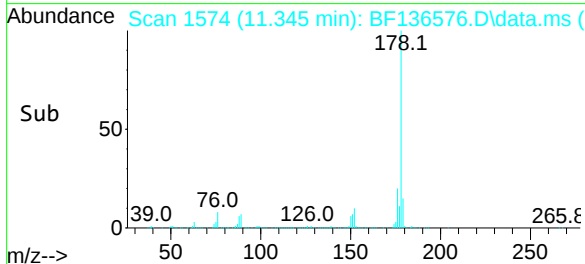
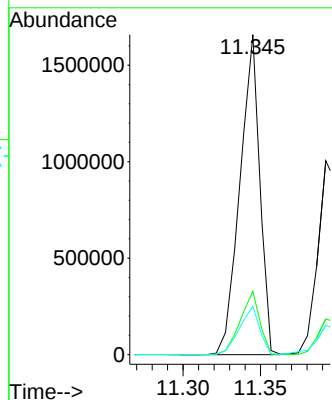
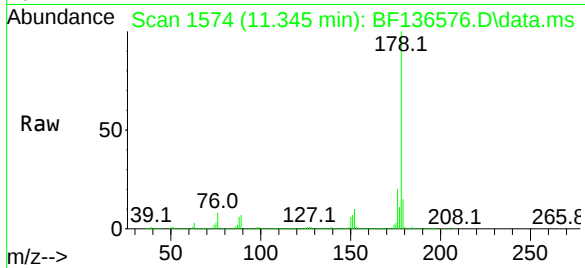
179 15.1 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#72

Anthracene

Concen: 54.778 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

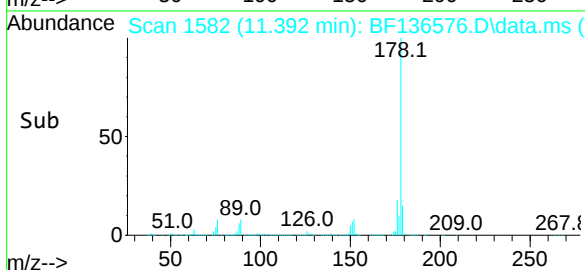
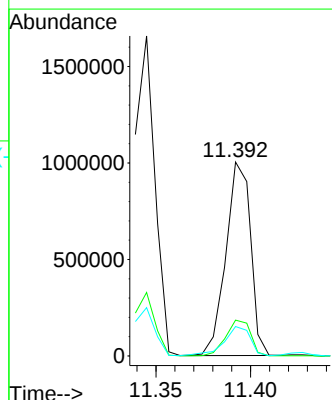
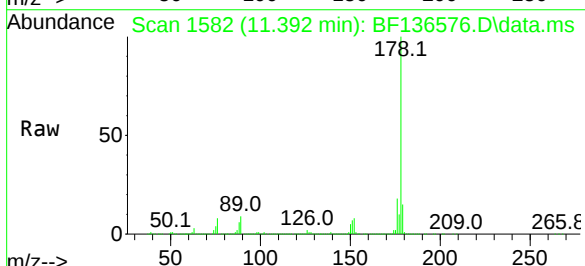
Tgt Ion:178 Resp: 910916

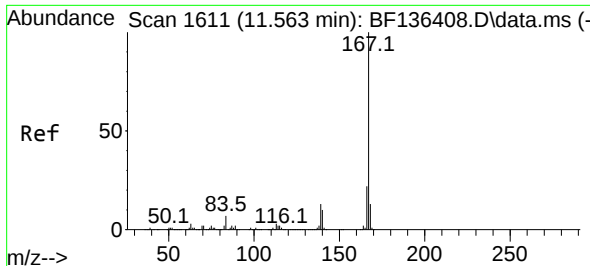
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

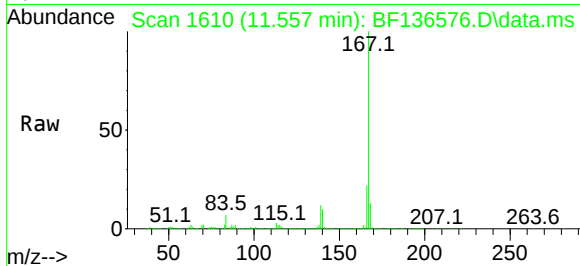
179 15.2 11.4 17.0





#73
 Carbazole
 Concen: 68.028 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.006 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19

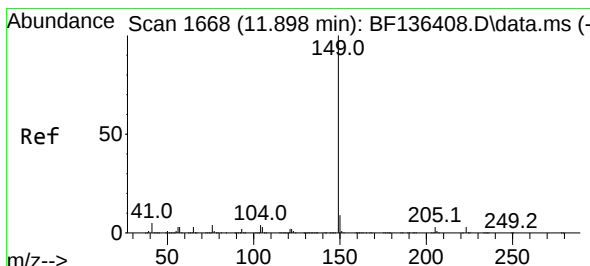
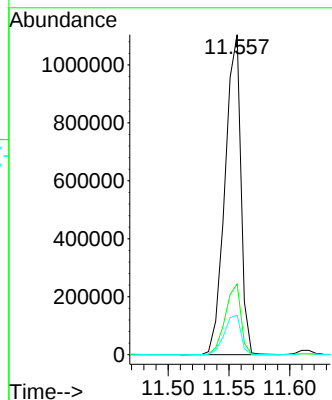
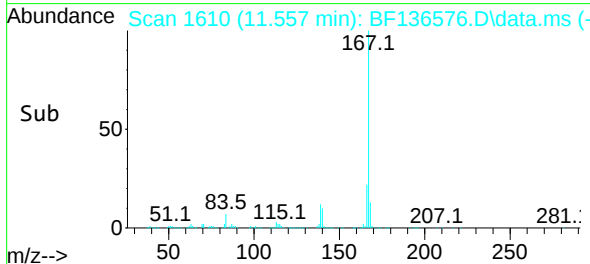
Instrument :
 BNA_F
 ClientSampleId :
 MW-06IMSD



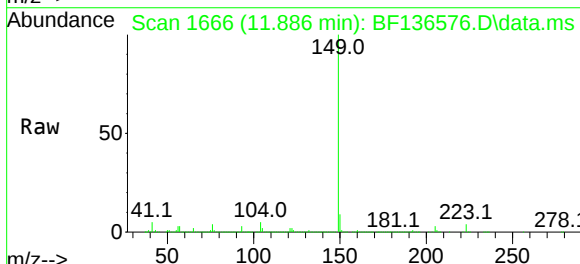
Tgt Ion:167 Resp: 1001235
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 12.4 10.2 15.4

Manual Integrations
 APPROVED

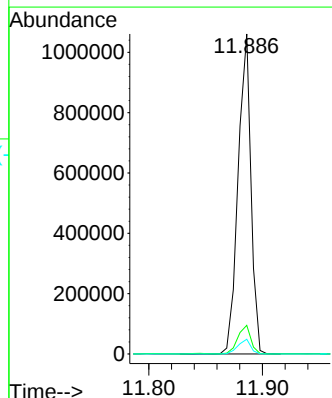
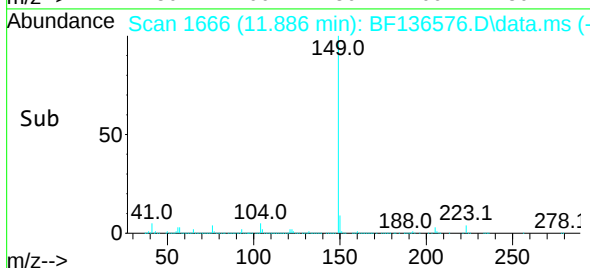
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

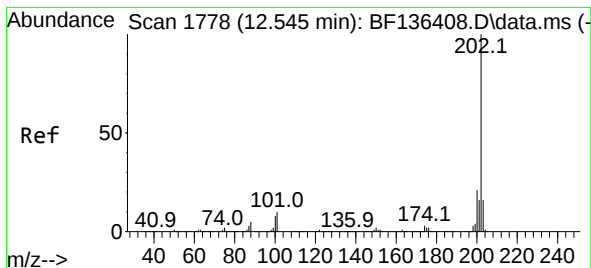


#74
 Di-n-butylphthalate
 Concen: 45.968 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF136576.D
 Acq: 14 Dec 2023 19:19



Tgt Ion:149 Resp: 829397
 Ion Ratio Lower Upper
 149 100
 150 9.0 6.9 10.3
 104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 48.806 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

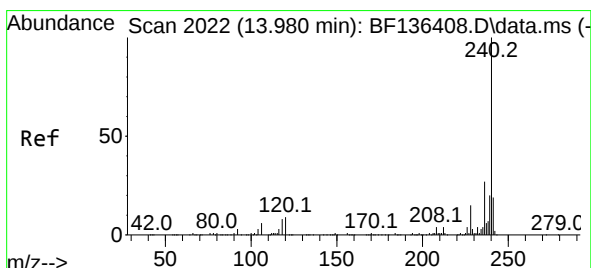
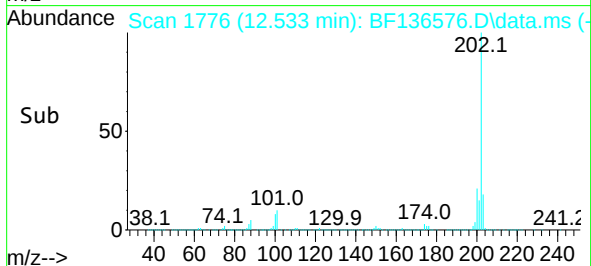
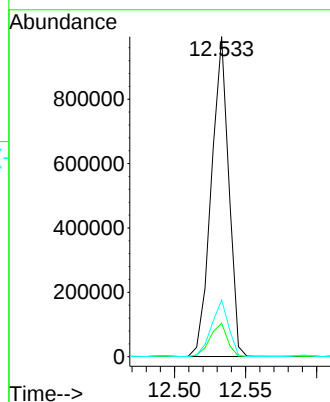
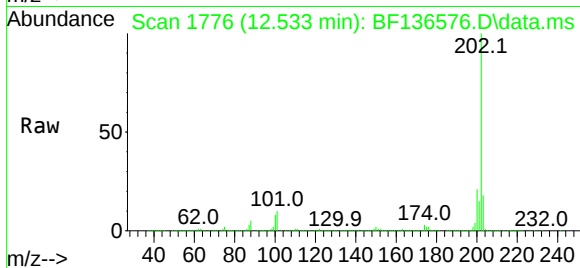
Tgt Ion:	202	Resp:	844424
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.9
203	17.7	0.0	36.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#76

Chrysene-d12

Concen: 20.000 ng

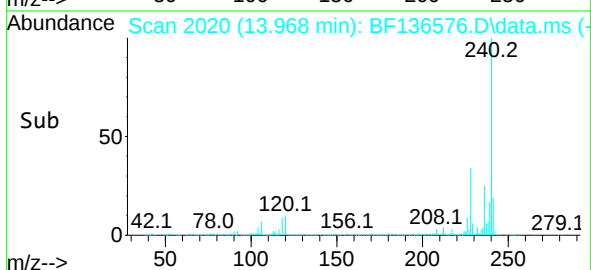
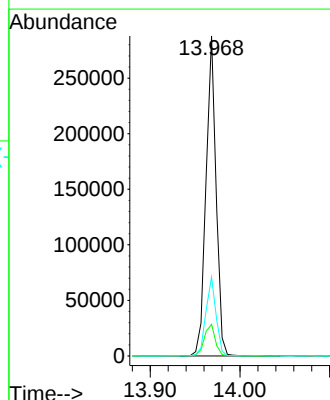
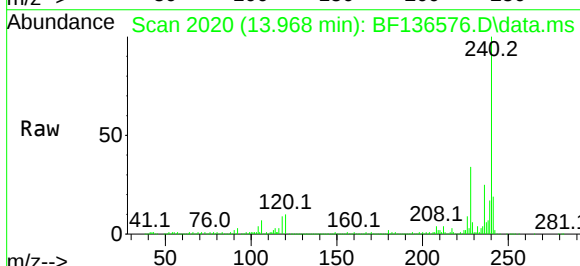
RT: 13.968 min Scan# 2020

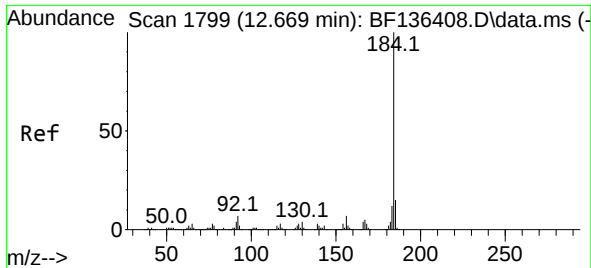
Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

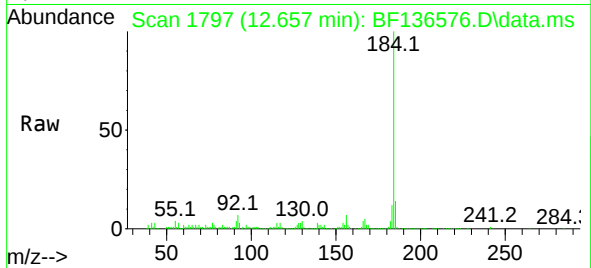
Tgt Ion:	240	Resp:	224631
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.3	10.9
236	24.7	21.3	31.9





#77
Benzidine
Concen: 31.646 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

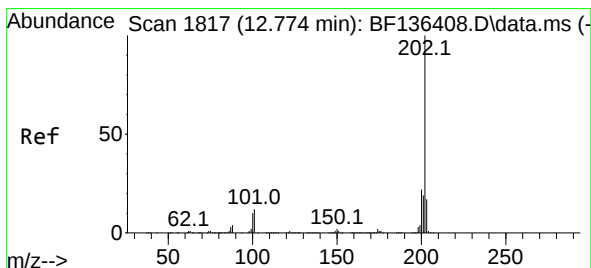
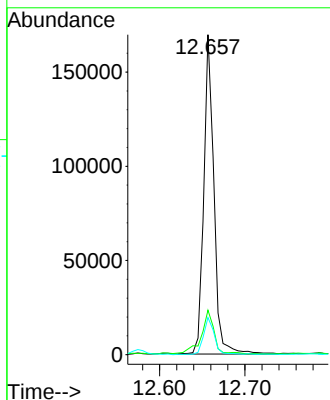
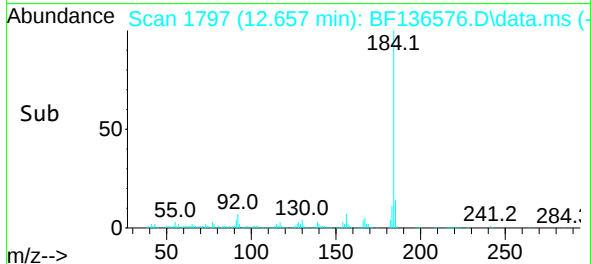
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



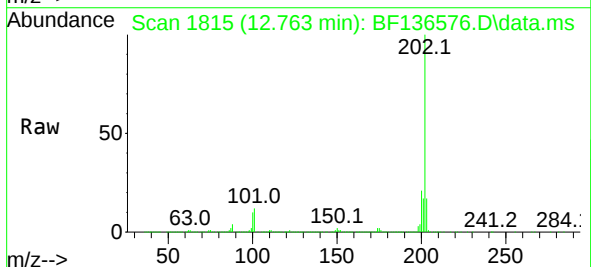
Tgt Ion:184 Resp: 139645
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 11.6 9.4 14.0

Manual Integrations
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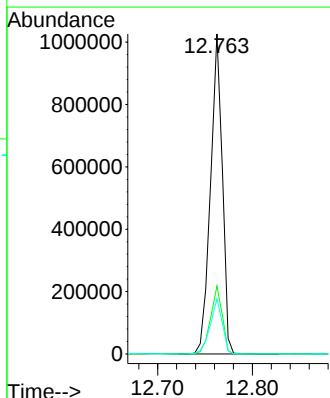
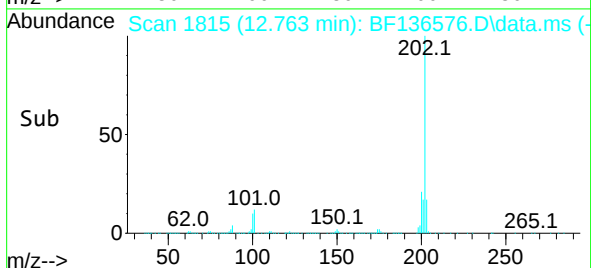
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

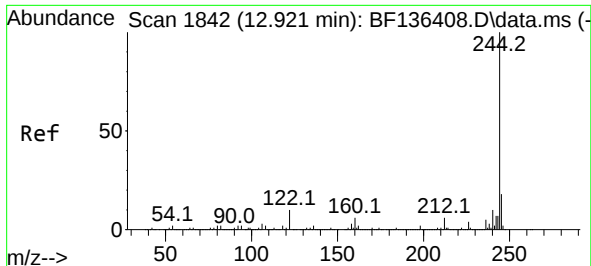


#78
Pyrene
Concen: 40.239 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



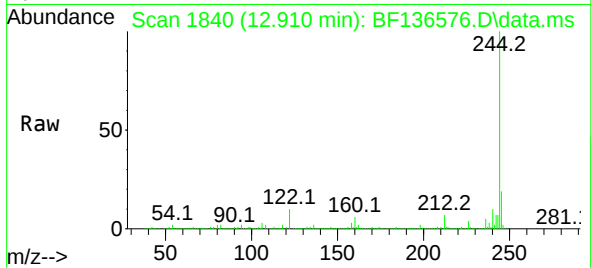
Tgt Ion:202 Resp: 885231
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.3 13.5 20.3





#79
Terphenyl-d14
Concen: 66.756 ng
RT: 12.910 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

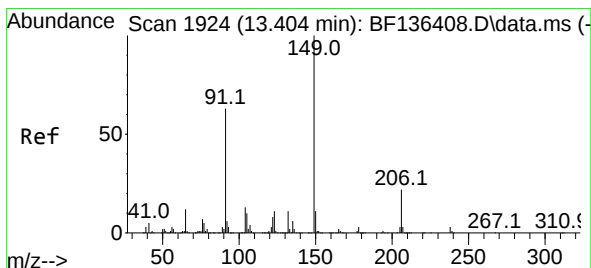
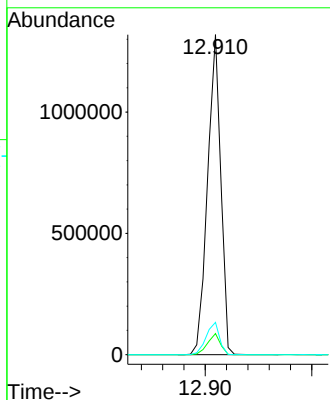
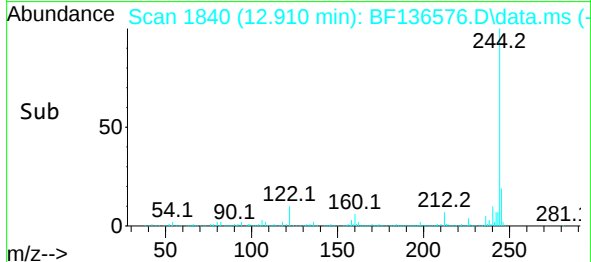
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



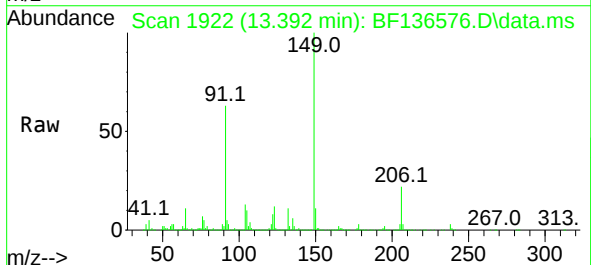
Tgt Ion:244 Resp: 1137712
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.1 8.3 12.5

Manual Integrations
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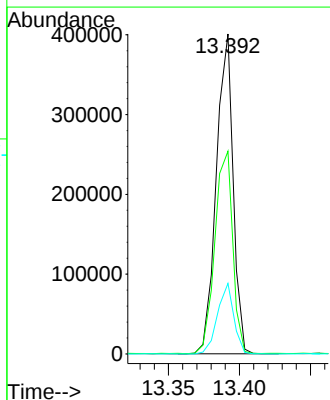
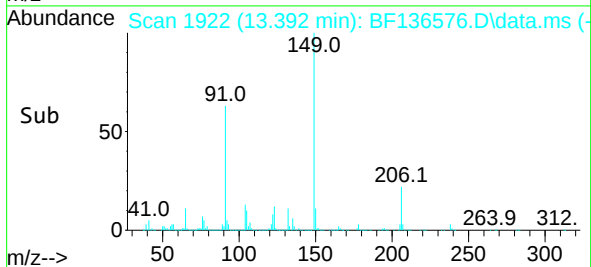
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

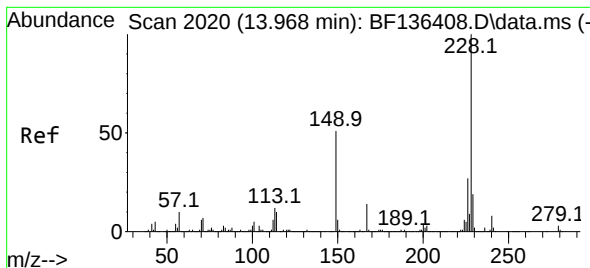


#80
Butylbenzylphthalate
Concen: 42.117 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:149 Resp: 329833
Ion Ratio Lower Upper
149 100
91 63.4 50.5 75.7
206 22.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 46.261 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF136576.D

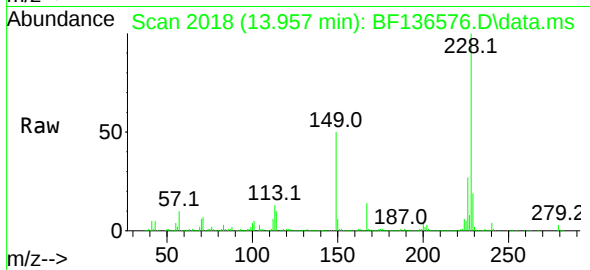
Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD



Tgt Ion:228 Resp: 723849

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

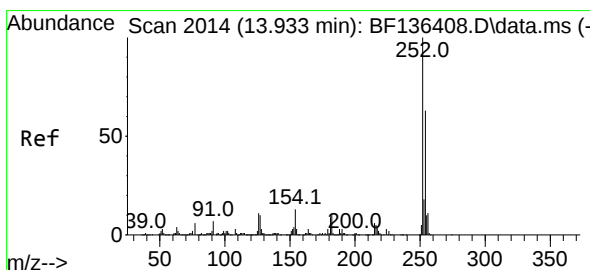
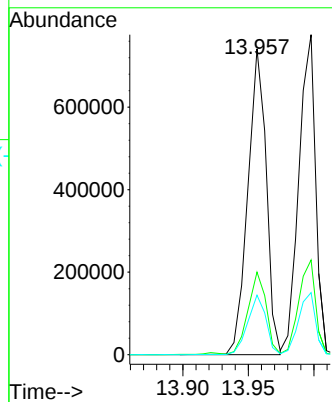
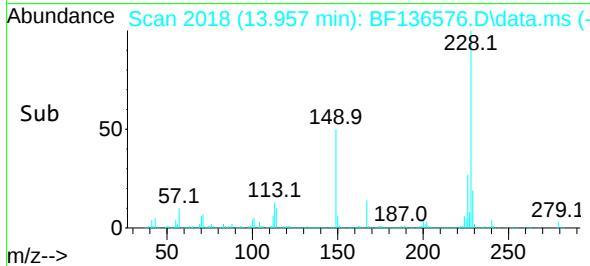
229 19.5 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#82

3,3'-Dichlorobenzidine

Concen: 48.672 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

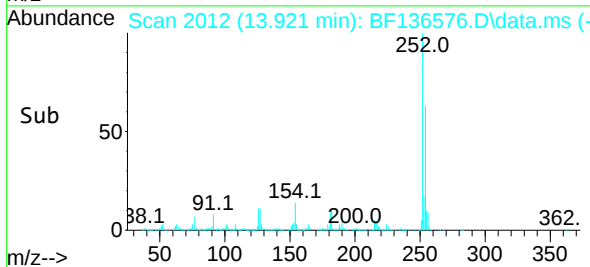
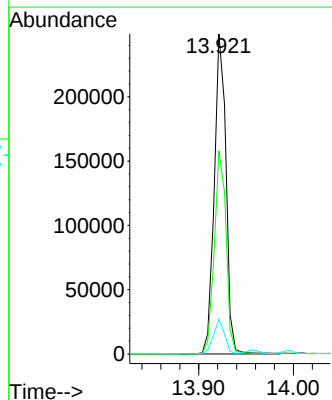
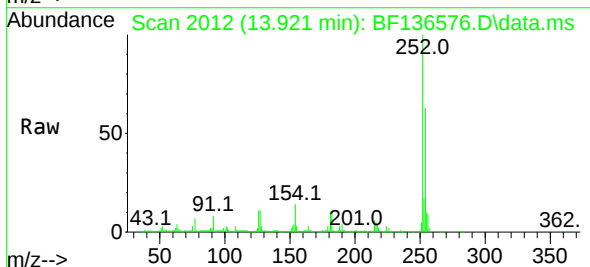
Tgt Ion:252 Resp: 213529

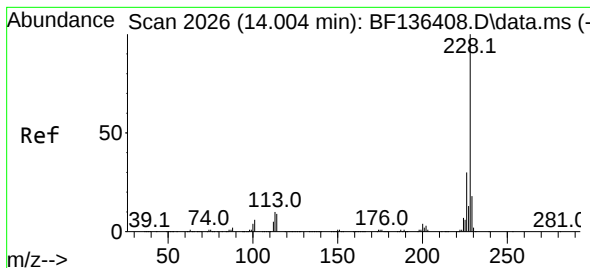
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 10.8 8.6 12.8





#83

Chrysene

Concen: 44.753 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

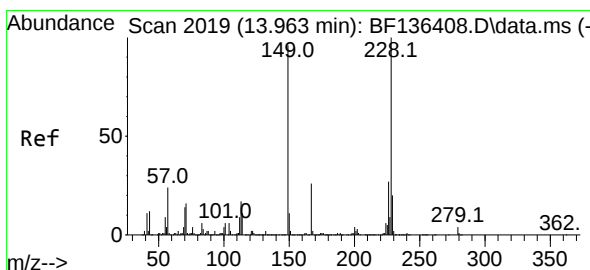
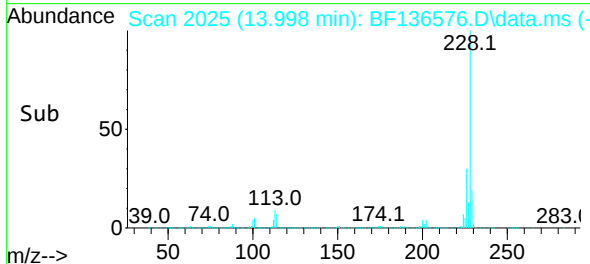
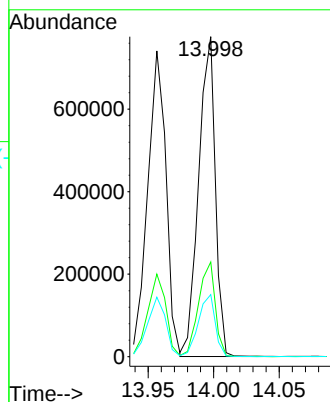
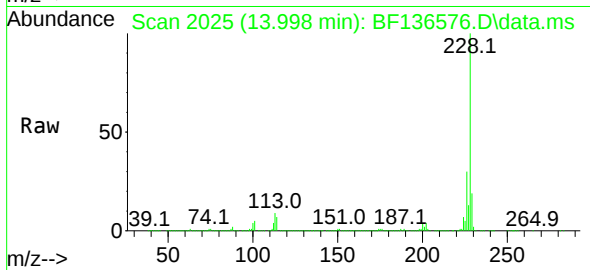
Tgt Ion:228	Resp: 68895
Ion Ratio	Lower Upper
228 100	
226 29.6	23.8 35.6
229 19.4	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.032 ng

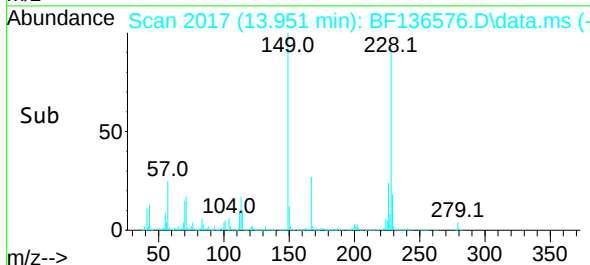
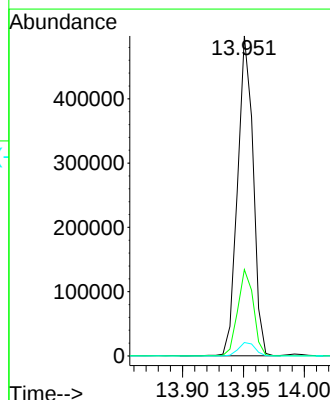
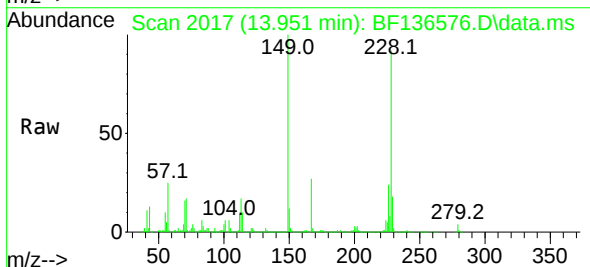
RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Tgt Ion:149	Resp: 441934
Ion Ratio	Lower Upper
149 100	
167 27.0	21.2 31.8
279 4.2	3.1 4.7





#85

Di-n-octyl phthalate

Concen: 55.507 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion:149 Resp: 787140

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

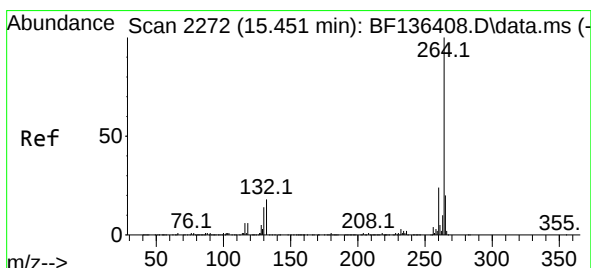
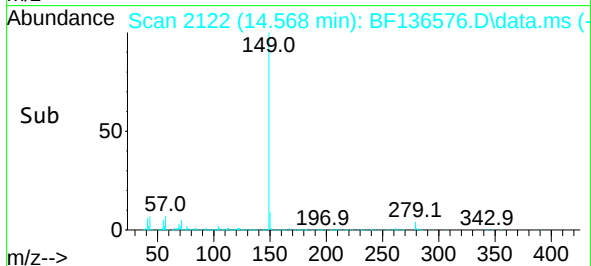
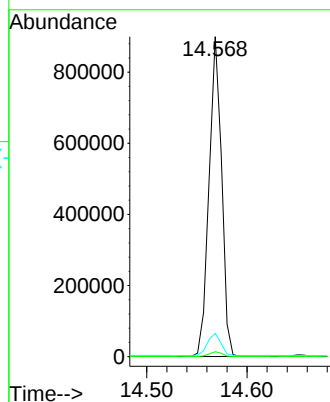
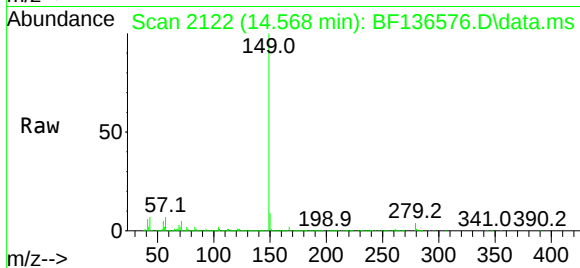
43 7.5 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

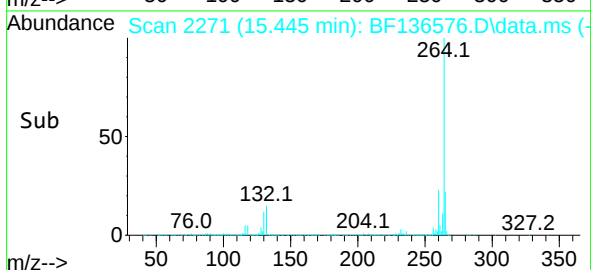
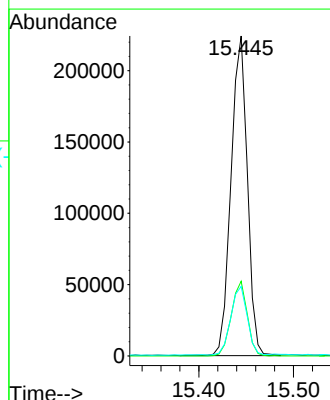
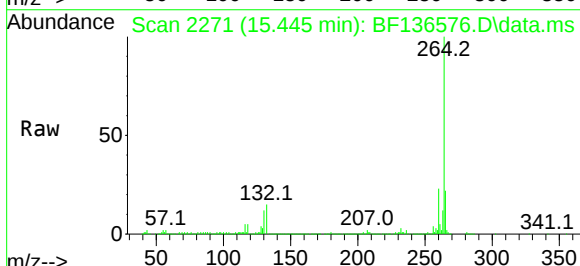
Tgt Ion:264 Resp: 268727

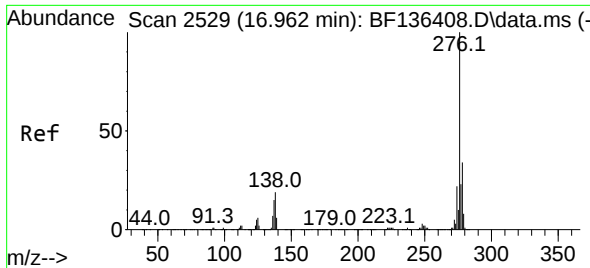
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

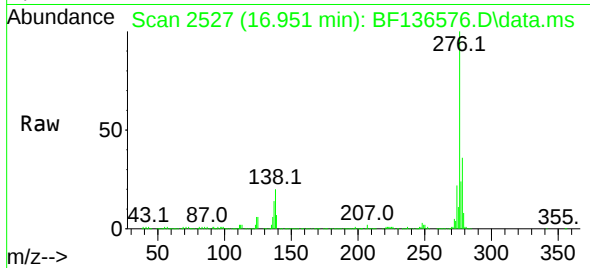
265 21.8 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.497 ng
RT: 16.951 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

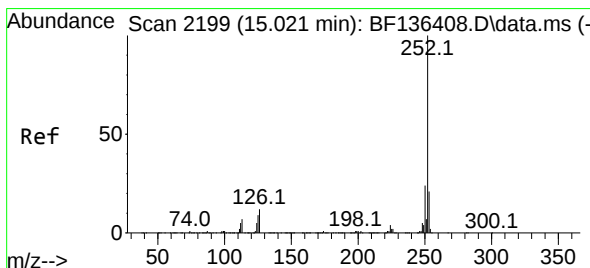
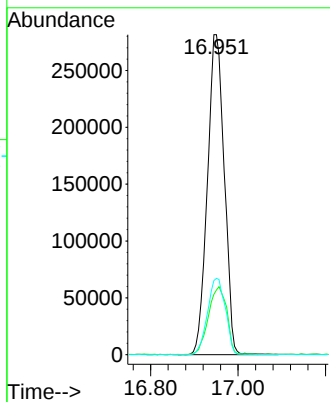
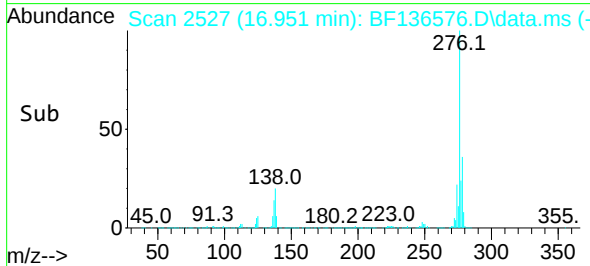
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



Tgt Ion:276 Resp: 75604
Ion Ratio Lower Upper
276 100
138 22.9 19.0 28.4
277 25.2 20.0 30.0

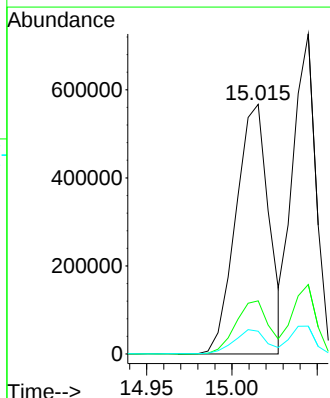
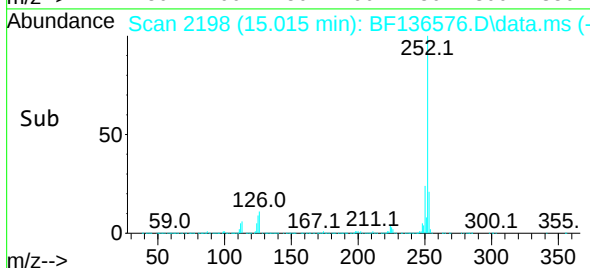
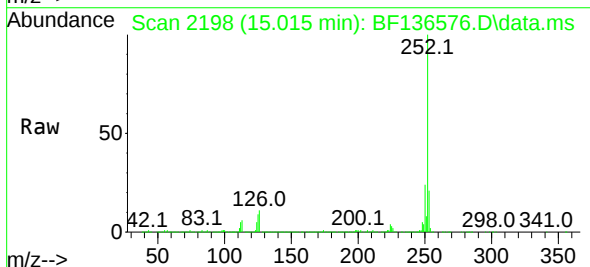
Manual Integrations
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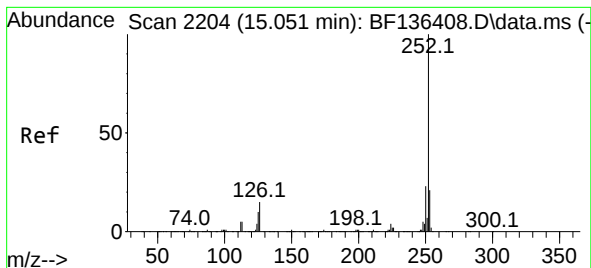
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#88
Benzo(b)fluoranthene
Concen: 41.675 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

Tgt Ion:252 Resp: 765709
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.520 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

Instrument :

BNA_F

ClientSampleId :

MW-06IMSD

Tgt Ion:252 Resp: 684314

Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

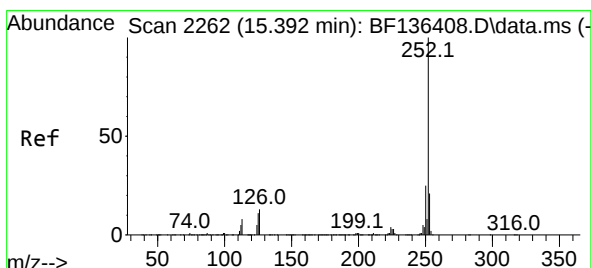
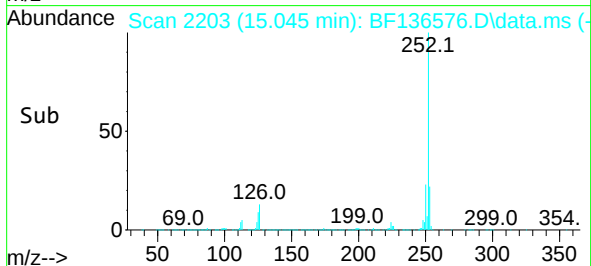
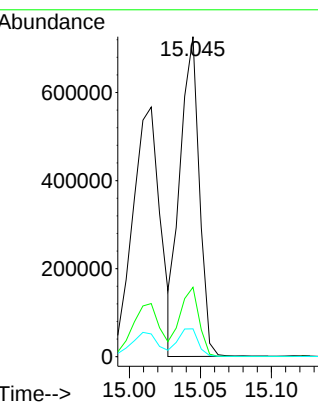
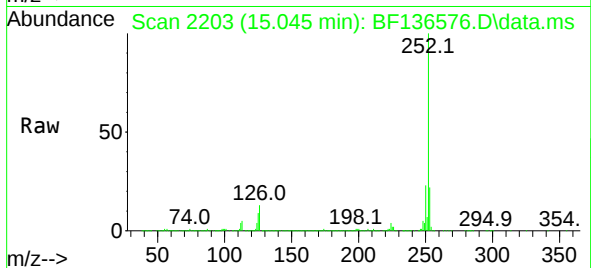
125 8.7 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#90

Benzo(a)pyrene

Concen: 43.716 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF136576.D

Acq: 14 Dec 2023 19:19

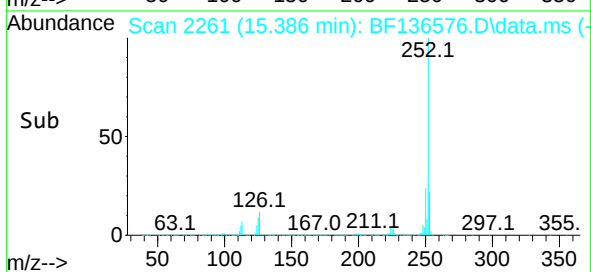
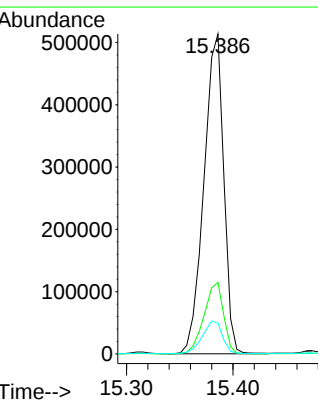
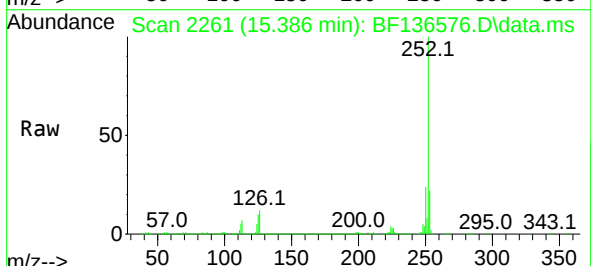
Tgt Ion:252 Resp: 663335

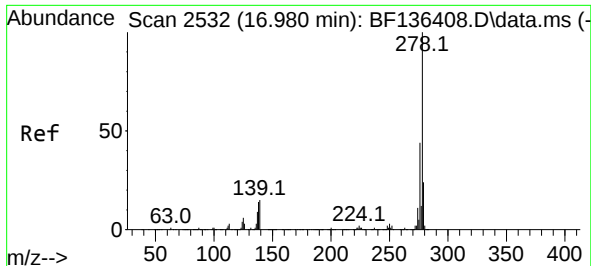
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

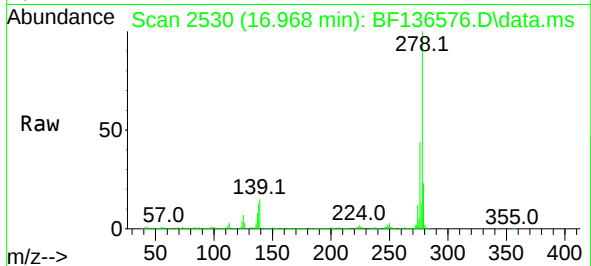
125 9.6 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 41.292 ng
RT: 16.968 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19

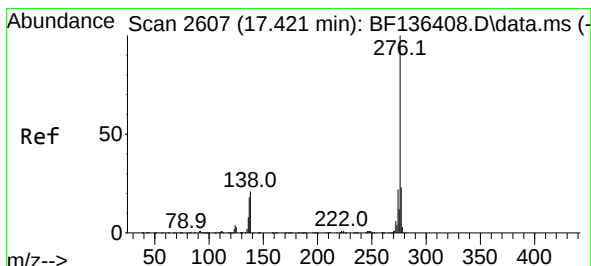
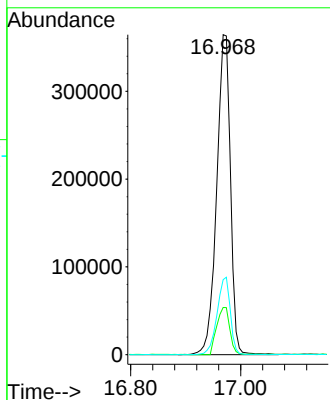
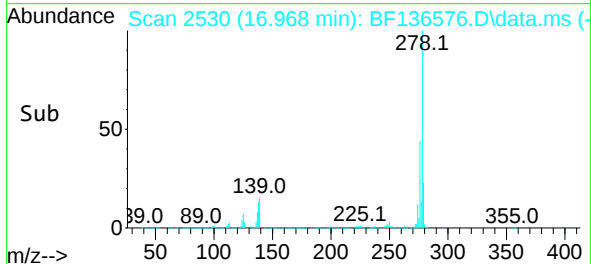
Instrument :
BNA_F
ClientSampleId :
MW-06IMSD



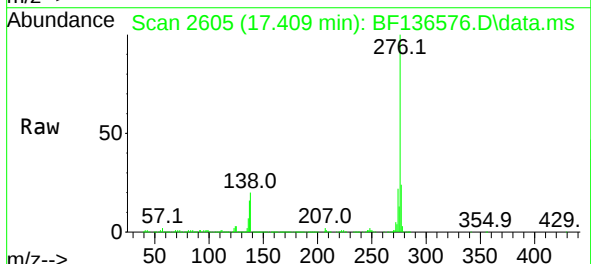
Tgt Ion:278 Resp: 63153
Ion Ratio Lower Upper
278 100
139 14.7 12.2 18.4
279 23.4 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#92
Benzo(g,h,i)perylene
Concen: 36.714 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.006 min
Lab File: BF136576.D
Acq: 14 Dec 2023 19:19



Tgt Ion:276 Resp: 576350
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 20.0 16.6 25.0

