

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136496.D
 Acq On : 11 Dec 2023 18:13
 Operator : CG\JU
 Sample : 05551-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-110MS

Quant Time: Dec 11 23:44:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	129014	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	523931	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	265681	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	464973	20.000	ng	0.00
76) Chrysene-d12	13.974	240	230984	20.000	ng	0.00
86) Perylene-d12	15.451	264	253005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	363365	41.594	ng	0.00
7) Phenol-d6	6.434	99	289008	26.516	ng	-0.01
23) Nitrobenzene-d5	7.357	82	639794	66.015	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	310324	94.730	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1315264	67.550	ng	-0.01
79) Terphenyl-d14	12.916	244	1152945	65.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	54325	15.722	ng	97
3) Pyridine	3.387	79	128147	15.314	ng	93
4) n-Nitrosodimethylamine	3.340	42	58415	16.068	ng	98
6) Aniline	6.463	93	218527	19.839	ng	95
8) 2-Chlorophenol	6.581	128	282930	29.667	ng	98
9) Benzaldehyde	6.351	77	148636	24.564	ng	92
10) Phenol	6.445	94	131958	11.378	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	312708	36.172	ng	98
12) 1,3-Dichlorobenzene	6.734	146	289329	26.976	ng	96
13) 1,4-Dichlorobenzene	6.810	146	300939	27.660	ng	98
14) 1,2-Dichlorobenzene	6.963	146	286603	28.013	ng	98
15) Benzyl Alcohol	6.940	79	189442	25.956	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	377403	33.943	ng	91
17) 2-Methylphenol	7.057	107	196414	25.492	ng	95
18) Hexachloroethane	7.304	117	99922	26.305	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	230780	36.705	ng	97
20) 3+4-Methylphenols	7.204	107	206839	21.628	ng	# 52
22) Acetophenone	7.204	105	497018	38.416	ng	# 97
24) Nitrobenzene	7.381	77	344113	35.295	ng	94
25) Isophorone	7.616	82	631148	36.248	ng	98
26) 2-Nitrophenol	7.692	139	180603	37.680	ng	94
27) 2,4-Dimethylphenol	7.734	122	237868	40.248	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	396385	37.048	ng	98
29) 2,4-Dichlorophenol	7.934	162	269141	34.501	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	275730	30.312	ng	97
31) Naphthalene	8.098	128	920378	31.855	ng	99
32) Benzoic acid	7.804	122	34385	5.865	ng	94
33) 4-Chloroaniline	8.145	127	125509	12.185	ng	99
34) Hexachlorobutadiene	8.210	225	145642	27.016	ng	98
35) Caprolactam	8.516	113	15575	6.483	ng	98
36) 4-Chloro-3-methylphenol	8.634	107	269261	32.508	ng	98
37) 2-Methylnaphthalene	8.786	142	611755	33.281	ng	96
38) 1-Methylnaphthalene	8.886	142	596955	33.096	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	314573	38.058	ng	99
41) Hexachlorocyclopentadiene	8.939	237	211967	69.220	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	206206	38.314	ng	100

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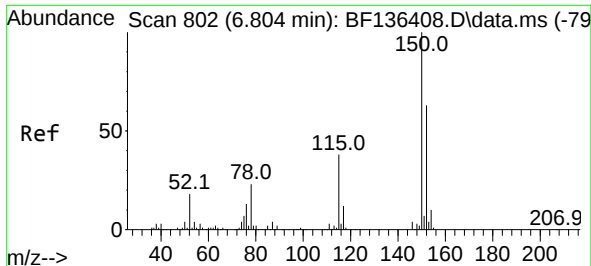
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	216719	36.078	ng	94
46) 1,1'-Biphenyl	9.251	154	850227	37.610	ng	98
47) 2-Chloronaphthalene	9.275	162	632206	35.930	ng	97
48) 2-Nitroaniline	9.375	65	183549	38.895	ng	99
49) Acenaphthylene	9.692	152	995986	39.736	ng	99
50) Dimethylphthalate	9.563	163	747644	38.222	ng	100
51) 2,6-Dinitrotoluene	9.622	165	167370	38.034	ng	97
52) Acenaphthene	9.863	154	585895	36.477	ng	98
53) 3-Nitroaniline	9.786	138	78165	17.394	ng	96
54) 2,4-Dinitrophenol	9.898	184	135594	60.944	ng	# 87
55) Dibenzofuran	10.039	168	887294	37.815	ng	99
56) 4-Nitrophenol	9.957	139	75854	22.517	ng	97
57) 2,4-Dinitrotoluene	10.028	165	213836	36.733	ng	97
58) Fluorene	10.381	166	690373	36.653	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	180285m	37.469	ng	
60) Diethylphthalate	10.257	149	718157	37.337	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	339821	37.009	ng	98
62) 4-Nitroaniline	10.410	138	154274	34.575	ng	98
63) Azobenzene	10.539	77	637698	36.425	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	102808	35.702	ng	96
66) n-Nitrosodiphenylamine	10.498	169	612249	41.035	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	214173	39.617	ng	100
68) Hexachlorobenzene	10.928	284	243854	39.028	ng	98
69) Atrazine	11.033	200	195282	45.858	ng	97
70) Pentachlorophenol	11.128	266	238160	67.537	ng	98
71) Phenanthrene	11.351	178	996946	39.009	ng	99
72) Anthracene	11.398	178	1026182	39.865	ng	98
73) Carbazole	11.557	167	844722	37.077	ng	99
74) Di-n-butylphthalate	11.892	149	1062573	38.044	ng	99
75) Fluoranthene	12.539	202	900732	33.632	ng	97
77) Benzidine	12.663	184	114222	27.335	ng	98
78) Pyrene	12.769	202	888253	39.266	ng	99
80) Butylbenzylphthalate	13.398	149	324391	40.283	ng	97
81) Benzo(a)anthracene	13.963	228	622523	38.691	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	130554	28.940	ng	99
83) Chrysene	14.004	228	603900	38.149	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	429497	43.506	ng	98
85) Di-n-octyl phthalate	14.580	149	684785	46.961	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	731518	41.618	ng	99
88) Benzo(b)fluoranthene	15.021	252	617223	35.681	ng	99
89) Benzo(k)fluoranthene	15.051	252	578798	35.504	ng	98
90) Benzo(a)pyrene	15.392	252	538540	37.697	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	610877	42.423	ng	99
92) Benzo(g,h,i)perylene	17.415	276	594740	40.240	ng	98

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



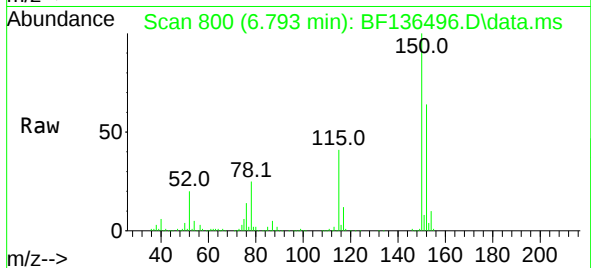
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF136496.D
 Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

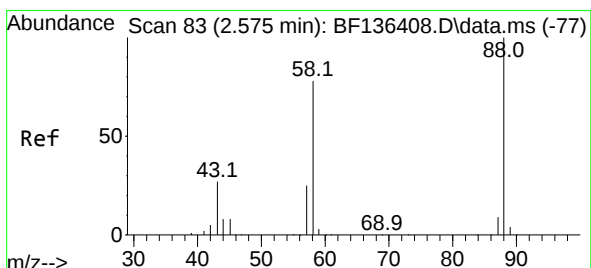
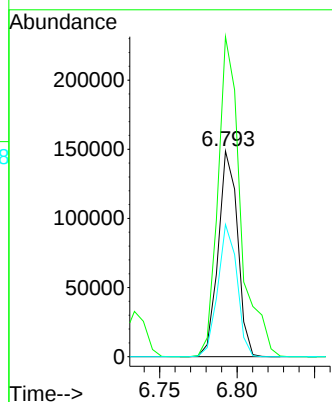
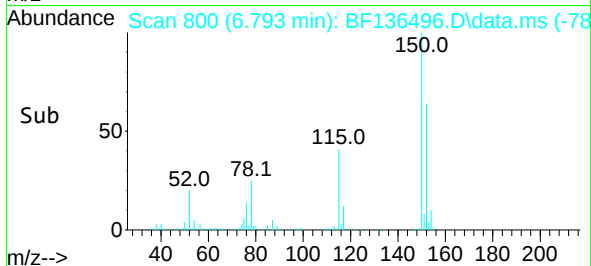


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 Ion Ratio Lower Upper
 152 100
 150 155.6 126.4 189.6
 115 64.2 48.2 72.4

Manual Integrations

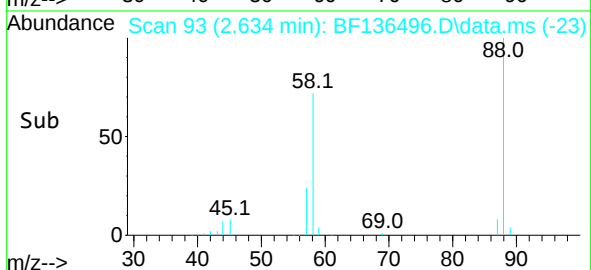
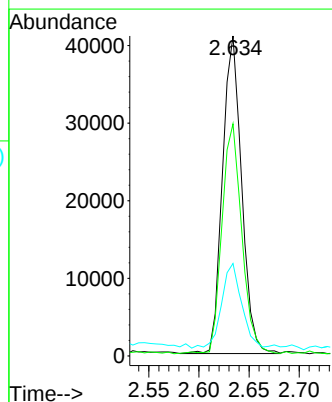
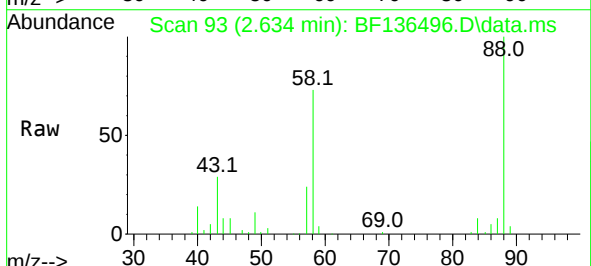
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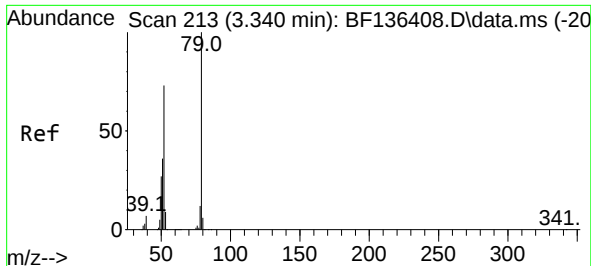
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#2
 1,4-Dioxane
 Concen: 15.722 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.059 min
 Lab File: BF136496.D
 Acq: 11 Dec 2023 18:13

Tgt Ion: 88 Resp: 54325
 Ion Ratio Lower Upper
 88 100
 58 74.2 62.2 93.2
 43 26.6 21.5 32.3





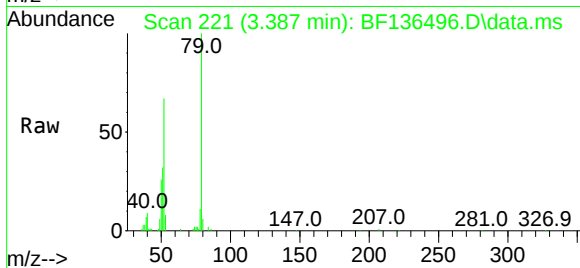
#3
Pyridine
Concen: 15.314 ng
RT: 3.387 min Scan# 213
Delta R.T. 0.047 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

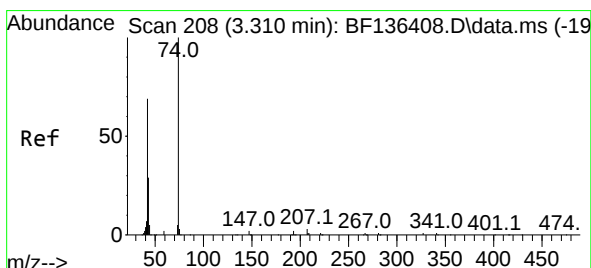
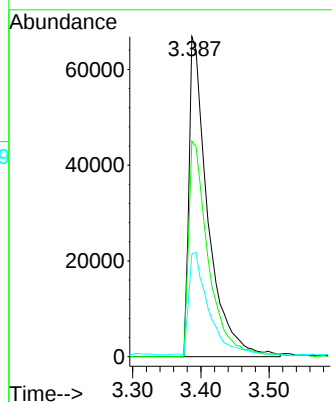
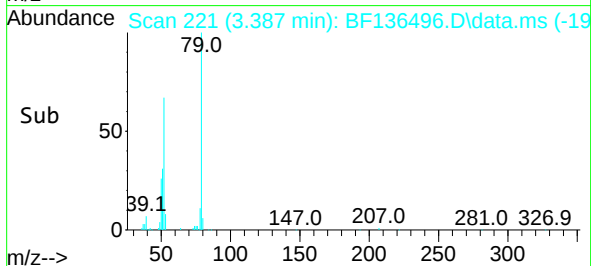


Tgt Ion: 79 Resp: 12814
Ion Ratio Lower Upper
79 100
52 67.3 58.2 87.2
51 32.1 29.1 43.7

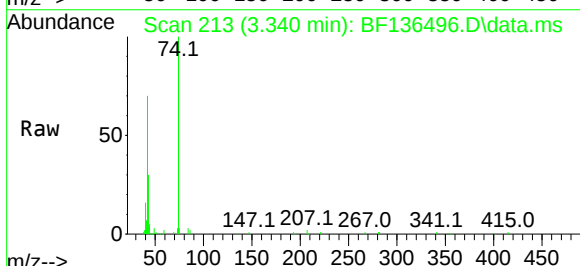
Manual Integrations

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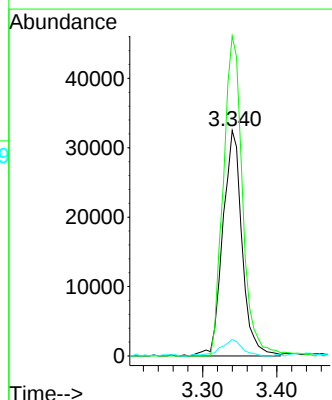
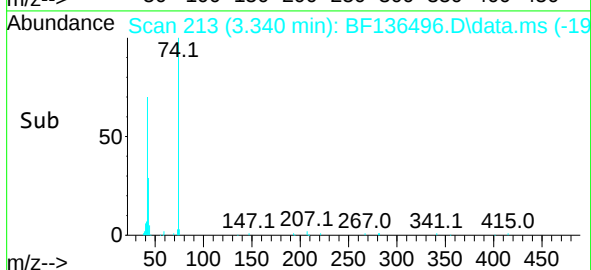
Reviewed By :Yogesh Patel 12/14/2023
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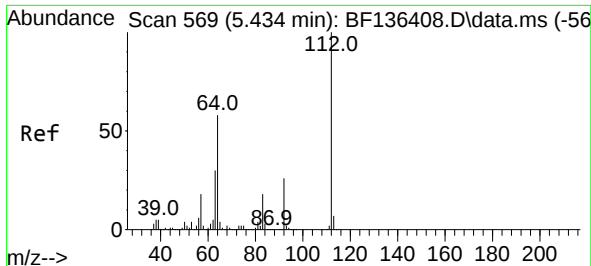


#4
n-Nitrosodimethylamine
Concen: 16.068 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.029 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



Tgt Ion: 42 Resp: 58415
Ion Ratio Lower Upper
42 100
74 141.9 115.4 173.0
44 7.3 6.2 9.2





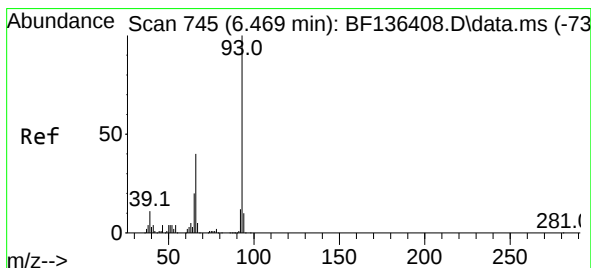
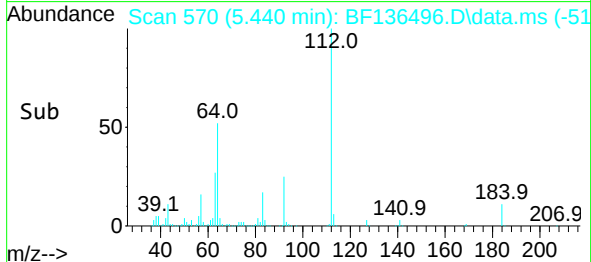
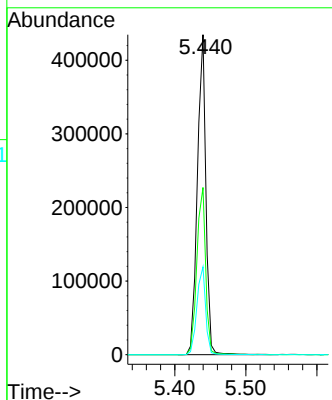
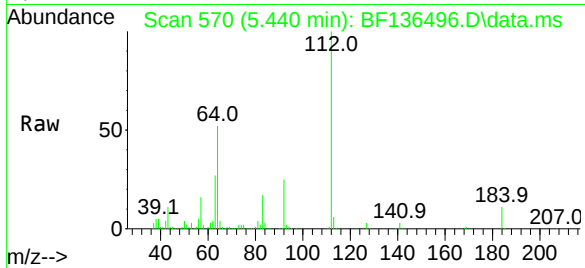
#5
2-Fluorophenol
Concen: 41.594 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :
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ClientSampleId :
MW-110MS

Tgt Ion: 112 Resp: 36336
Ion Ratio Lower Upper
112 100
64 52.3 46.5 69.7
63 27.5 23.9 35.9

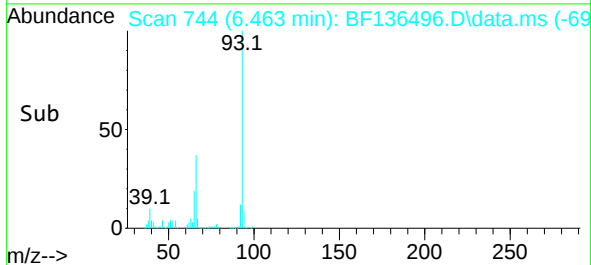
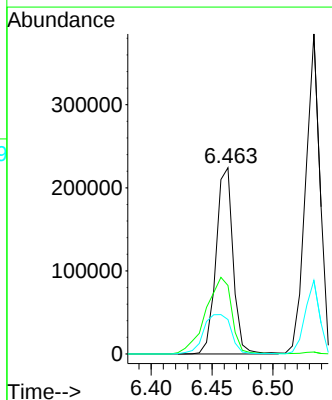
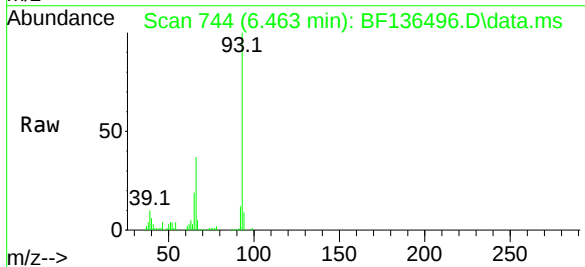
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#6
Aniline
Concen: 19.839 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

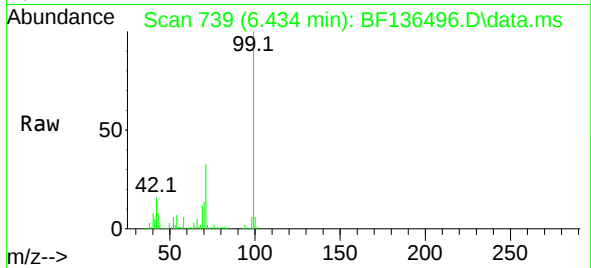
Tgt Ion: 93 Resp: 218527
Ion Ratio Lower Upper
93 100
66 36.8 32.5 48.7
65 18.5 16.4 24.6





#7
Phenol-d6
Concen: 26.516 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

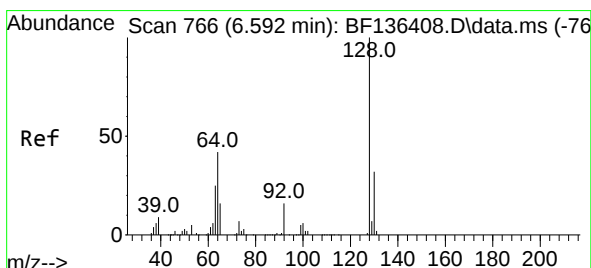
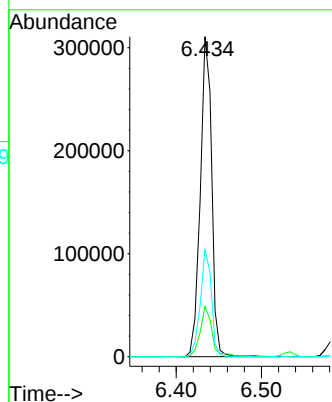
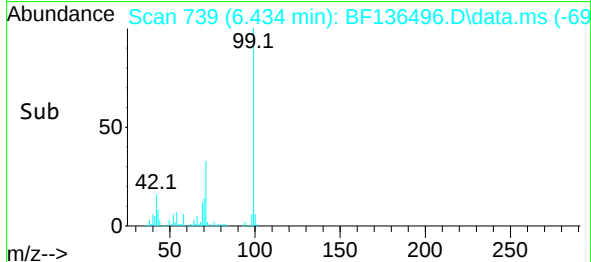
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 289008
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.4 27.0 40.4

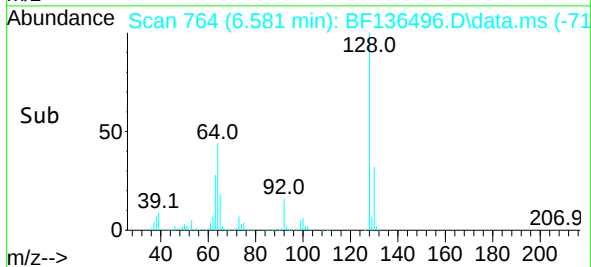
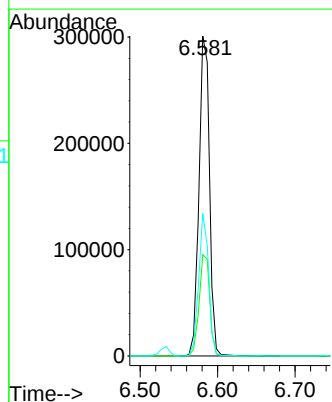
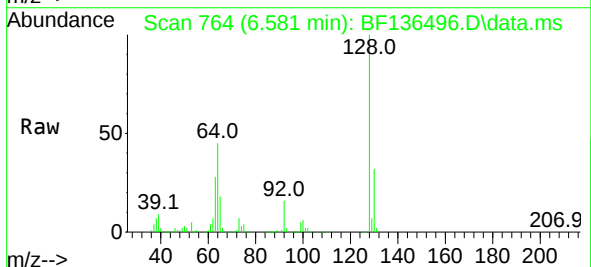
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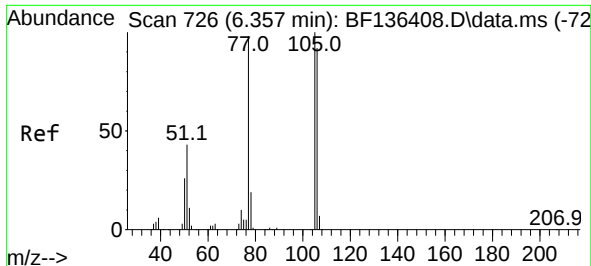
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#8
2-Chlorophenol
Concen: 29.667 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

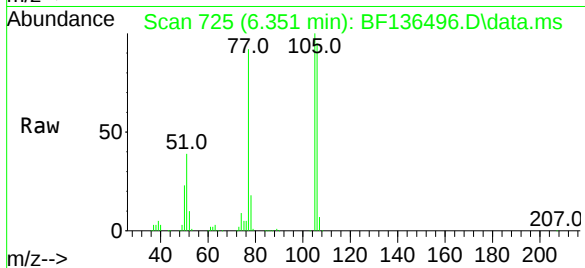
Tgt Ion:128 Resp: 282930
Ion Ratio Lower Upper
128 100
130 31.7 11.7 51.7
64 44.6 22.5 62.5





#9
Benzaldehyde
Concen: 24.564 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

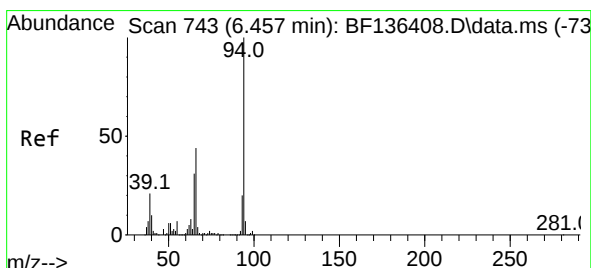
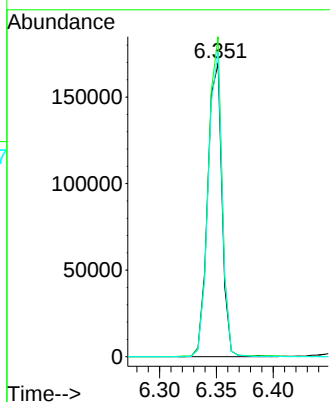
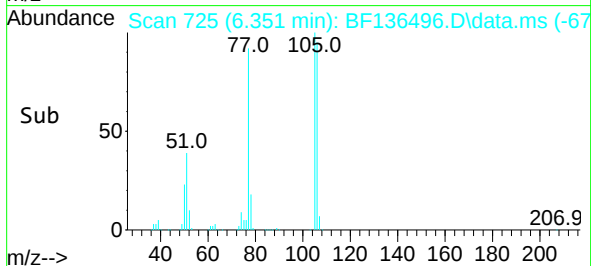
Instrument :
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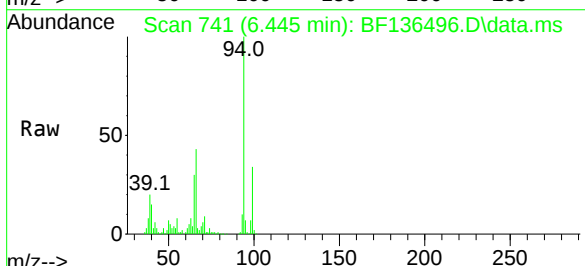
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Ion Ratio Lower Upper
77 100
105 109.1 82.5 122.5
106 104.0 74.5 114.5

Manual Integrations
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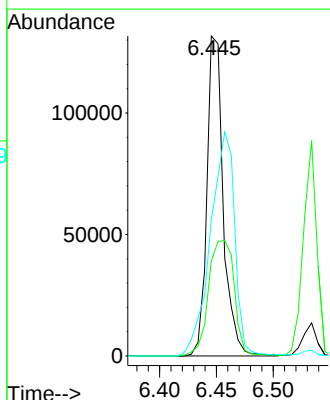
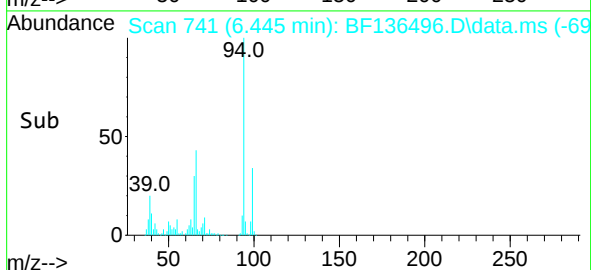
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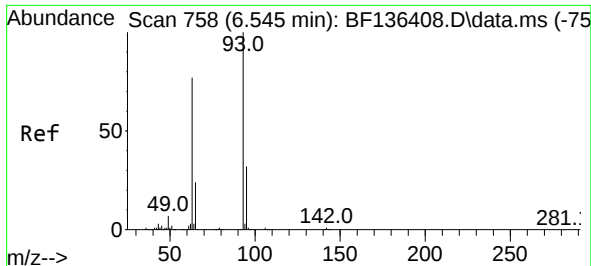


#10
Phenol
Concen: 11.378 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



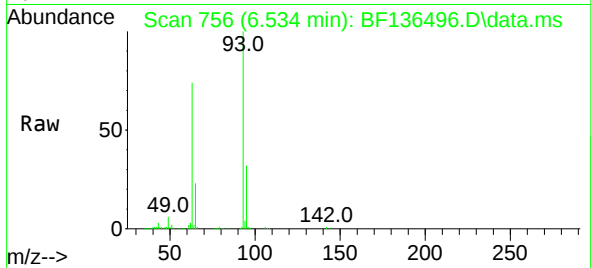
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Ion Ratio Lower Upper
94 100
65 29.7 11.2 51.2
66 42.6 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 36.172 ng
RT: 6.534 min Scan# 758
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

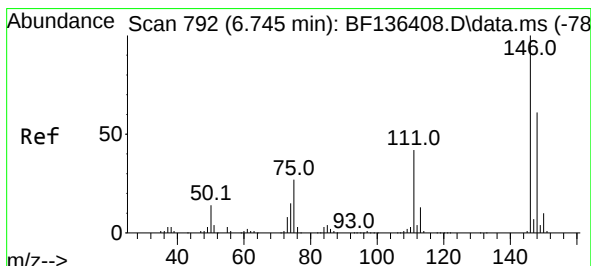
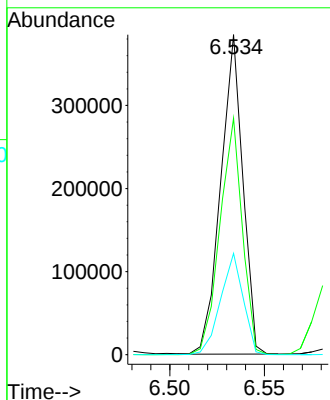
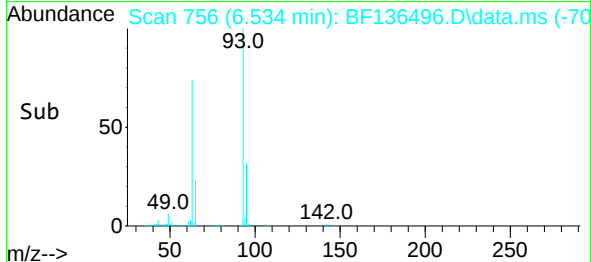
Instrument :
BNA_F
ClientSampleId :
MW-110MS



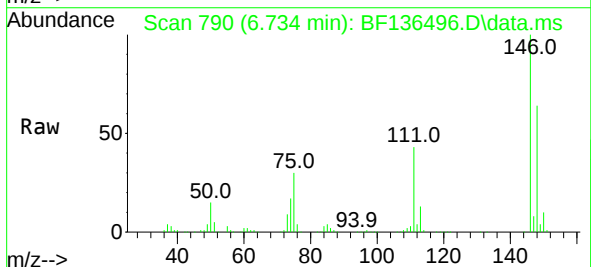
Tgt Ion: 93 Resp: 312708
Ion Ratio Lower Upper
93 100
63 73.9 56.8 96.8
95 31.7 11.8 51.8

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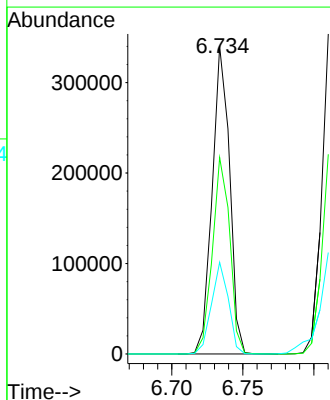
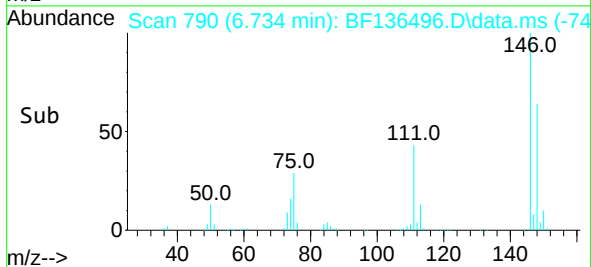
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

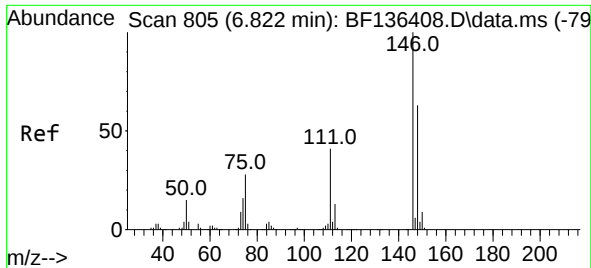


#12
1,3-Dichlorobenzene
Concen: 26.976 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



Tgt Ion:146 Resp: 289329
Ion Ratio Lower Upper
146 100
148 63.8 49.0 73.6
75 29.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 27.660 ng

RT: 6.810 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:146 Resp: 300939

Ion Ratio Lower Upper

146 100

148 62.4 50.3 75.5

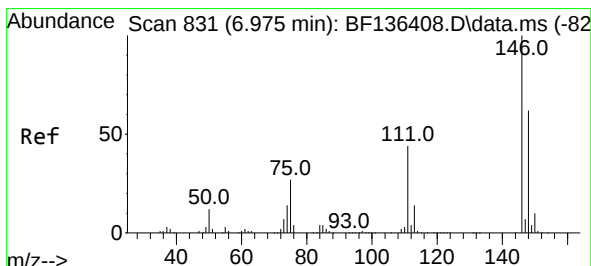
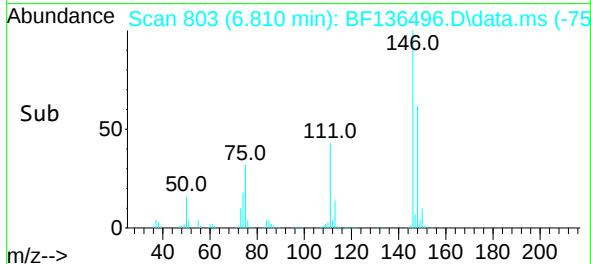
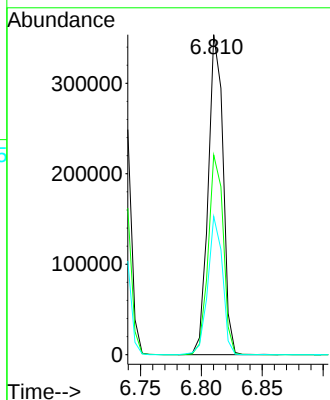
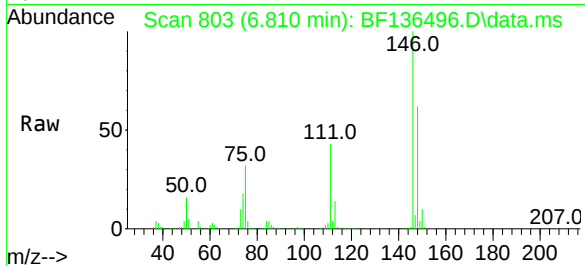
111 43.2 32.6 49.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 28.013 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

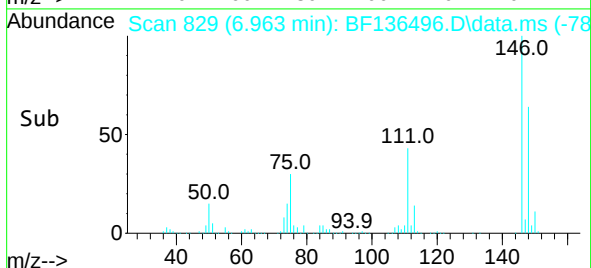
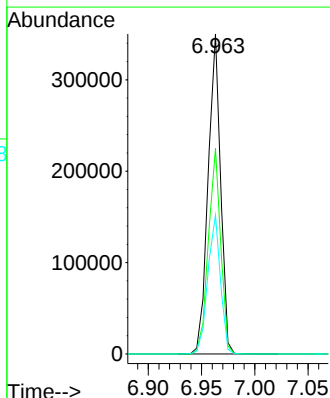
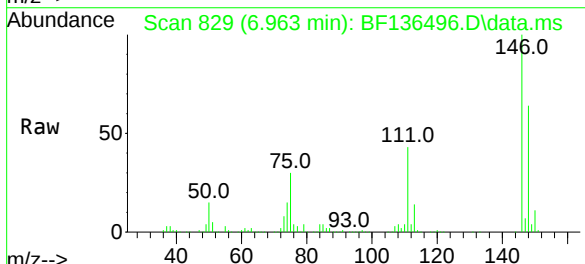
Tgt Ion:146 Resp: 286603

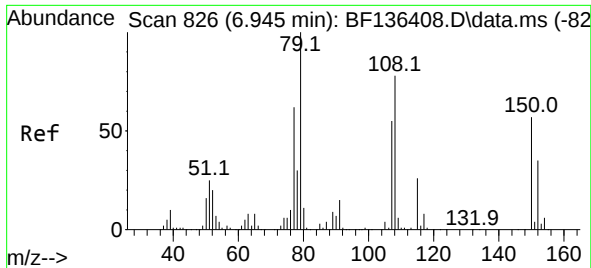
Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

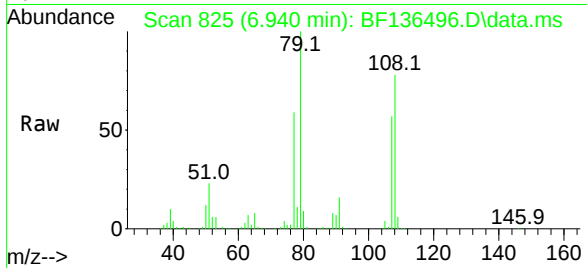
111 43.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 25.956 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

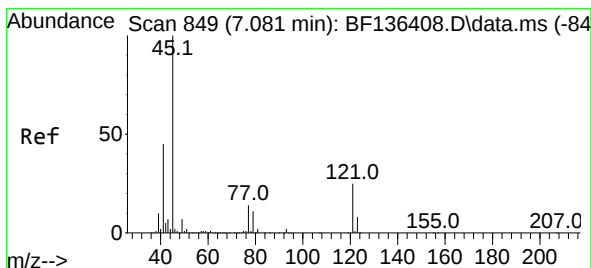
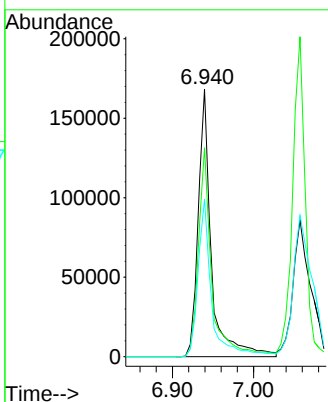
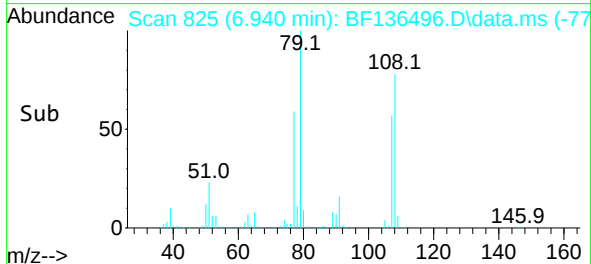
Instrument :
BNA_F
ClientSampleId :
MW-110MS



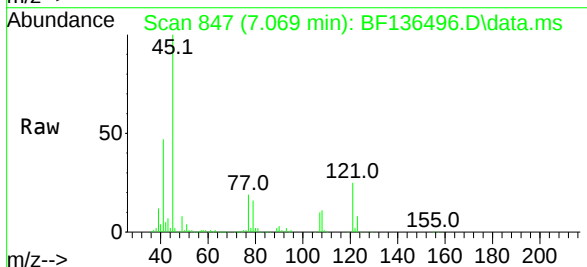
Tgt Ion: 79 Resp: 18944
Ion Ratio Lower Upper
79 100
108 78.1 62.3 93.5
77 58.9 49.8 74.8

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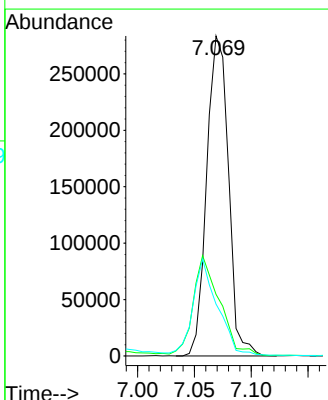
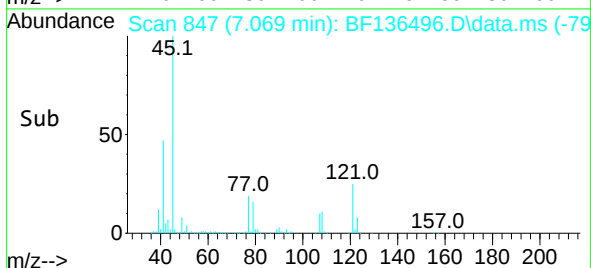
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.943 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



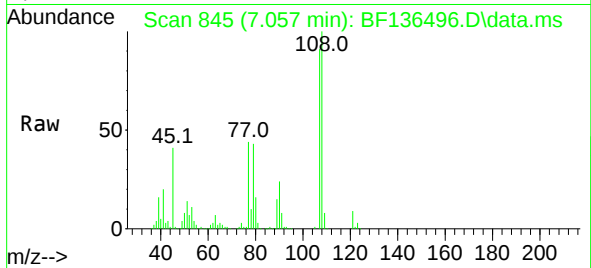
Tgt Ion: 45 Resp: 377403
Ion Ratio Lower Upper
45 100
77 19.3 0.0 35.3
79 16.2 0.0 32.5





#17
2-Methylphenol
Concen: 25.492 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

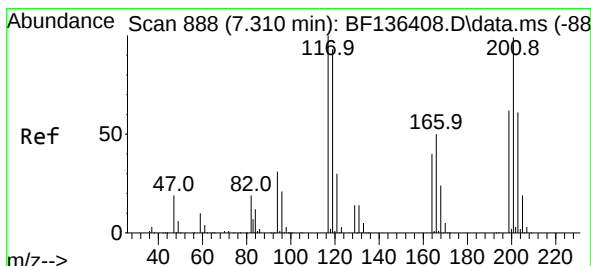
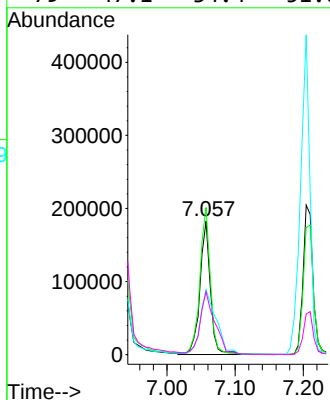
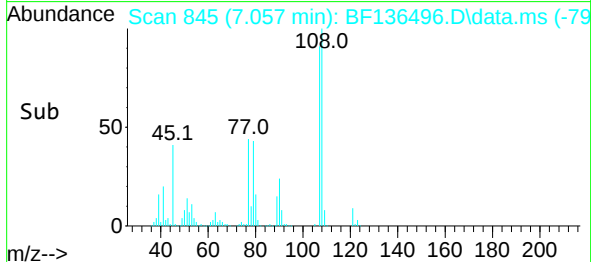
Instrument :
BNA_F
ClientSampleId :
MW-110MS



Tgt Ion:	107	Resp:	196414
Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.5	129.7
77	48.7	33.8	50.8
79	47.1	34.4	51.6

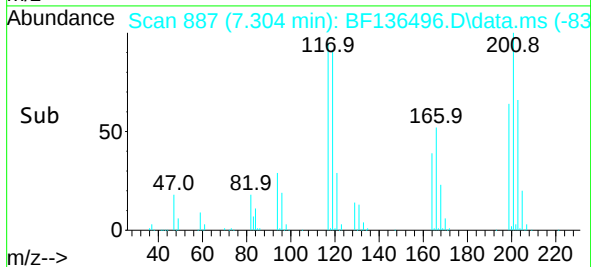
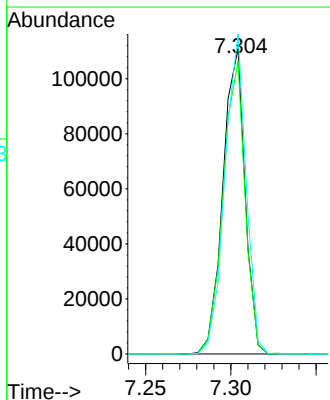
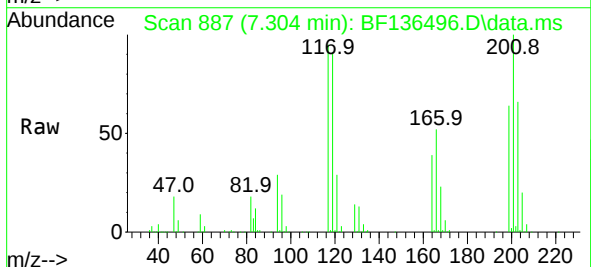
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 26.305 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:	117	Resp:	99922
Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.3	111.5
201	104.9	79.3	118.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.705 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF136496.D

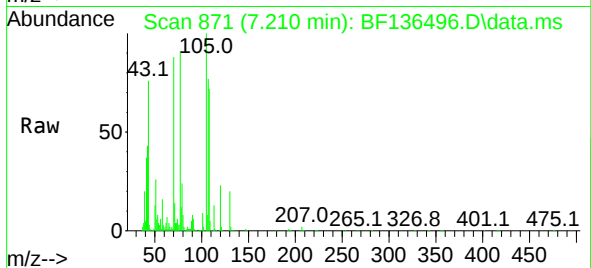
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS



Tgt Ion: 70 Resp: 230780

Ion Ratio Lower Upper

70 100

42 48.9 41.4 62.0

101 10.1 8.2 12.4

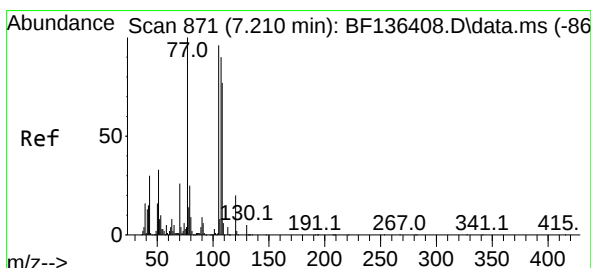
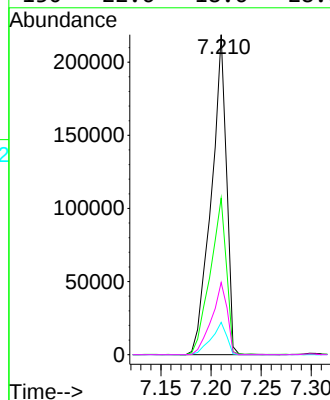
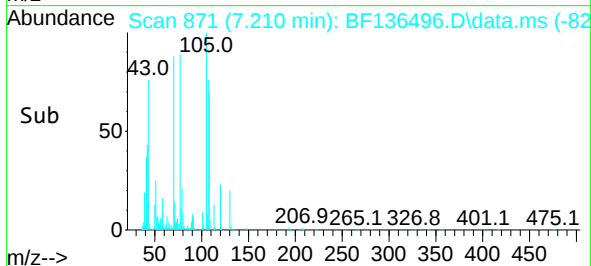
130 22.6 18.6 28.0

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#20

3+4-Methylphenols

Concen: 21.628 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Tgt Ion:107 Resp: 206839

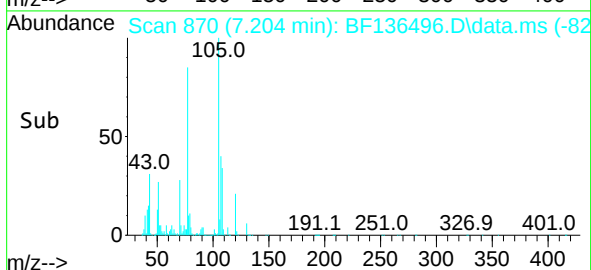
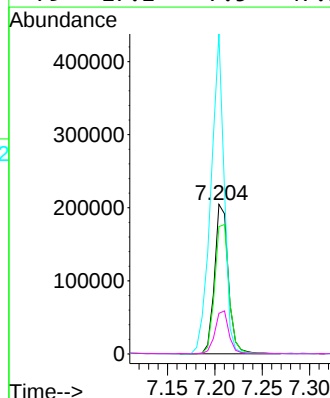
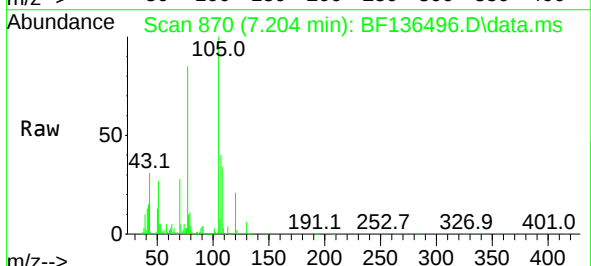
Ion Ratio Lower Upper

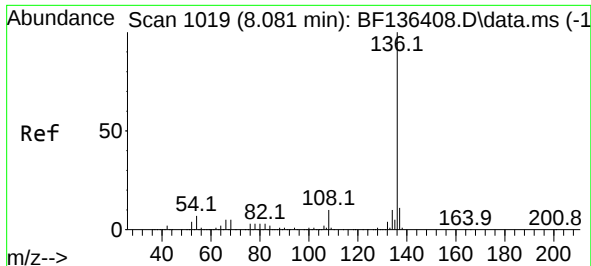
107 100

108 85.1 65.9 105.9

77 214.0 91.7 131.7#

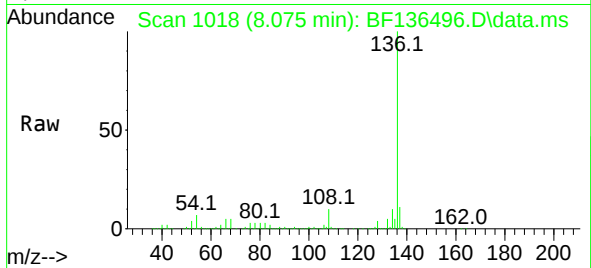
79 27.2 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

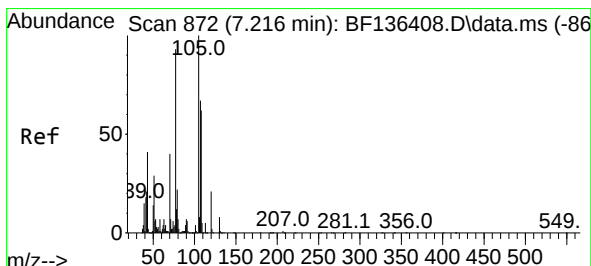
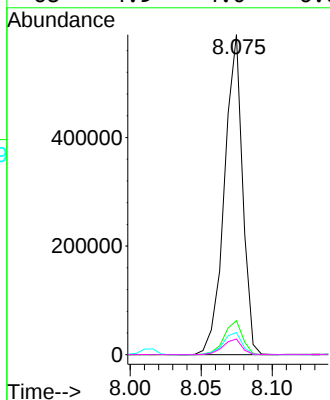
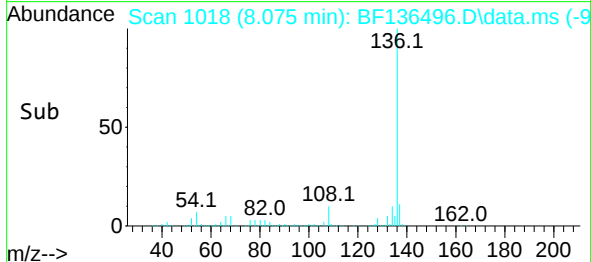
Instrument :
BNA_F
ClientSampleId :
MW-110MS



Tgt Ion:136 Resp: 52393
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.9 5.7 8.5
68 4.9 4.0 6.0

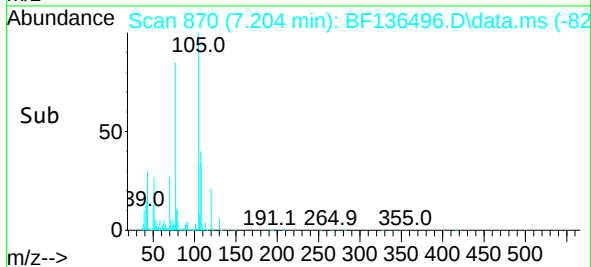
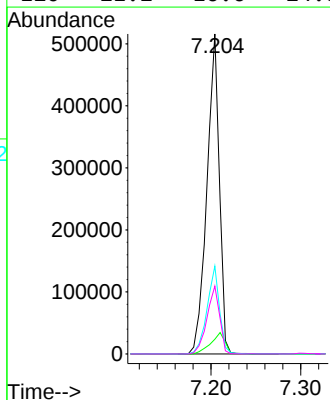
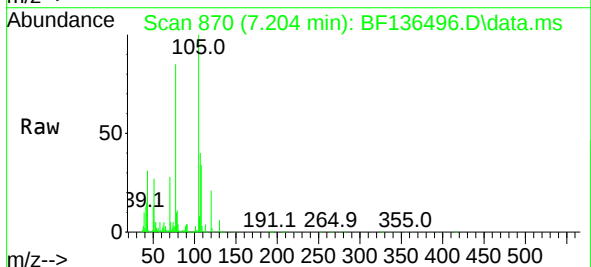
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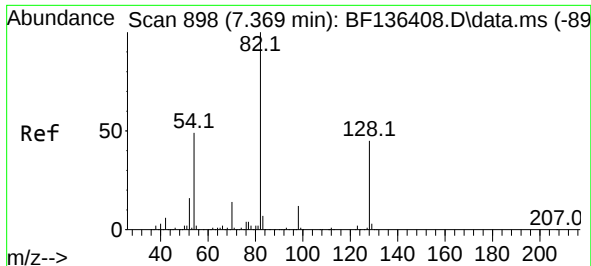
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 38.416 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:105 Resp: 497018
Ion Ratio Lower Upper
105 100
71 4.6 5.4 8.0#
51 27.5 23.4 35.2
120 21.2 16.6 24.8





#23
Nitrobenzene-d5
Concen: 66.015 ng
RT: 7.357 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

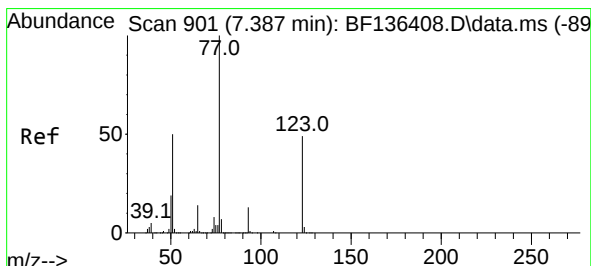
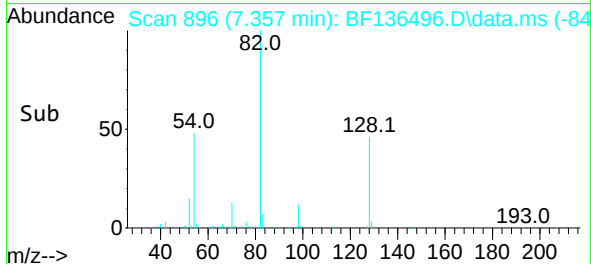
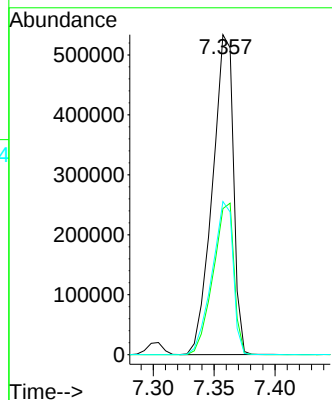
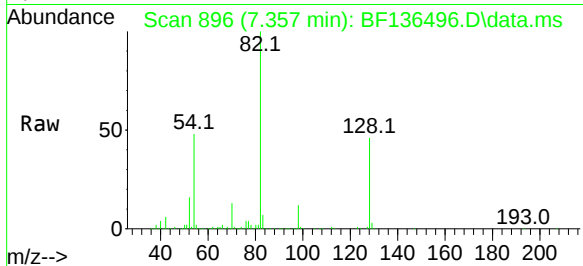
ClientSampleId :

MW-110MS

Tgt Ion: 82 Resp: 639794
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 47.9 39.0 58.6

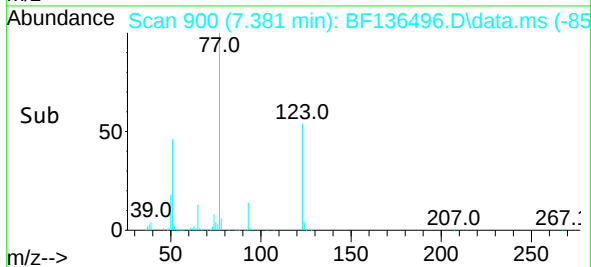
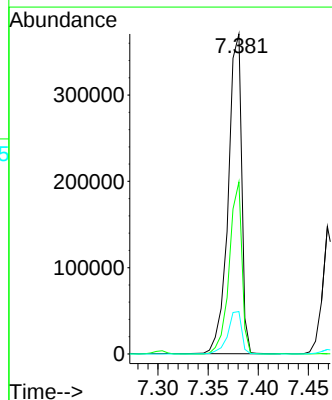
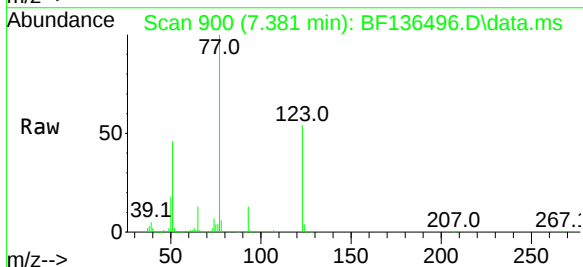
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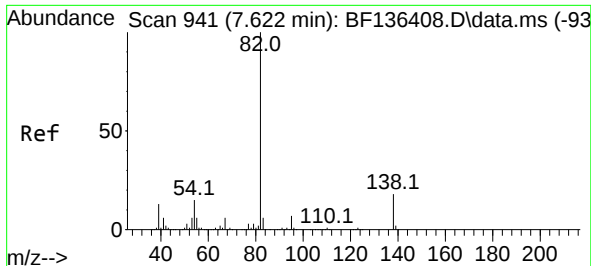
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#24
Nitrobenzene
Concen: 35.295 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion: 77 Resp: 344113
Ion Ratio Lower Upper
77 100
123 53.8 39.0 58.6
65 13.3 11.3 16.9





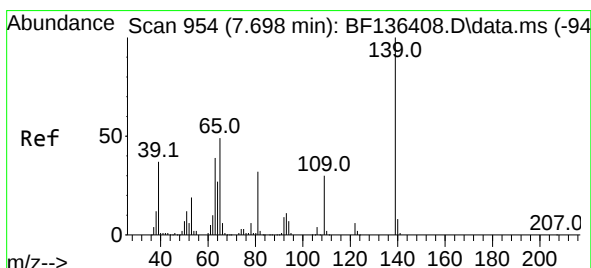
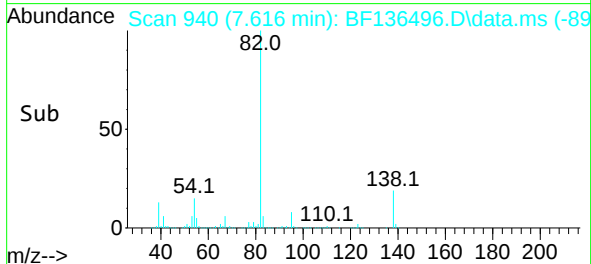
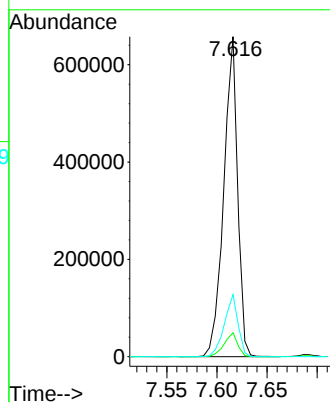
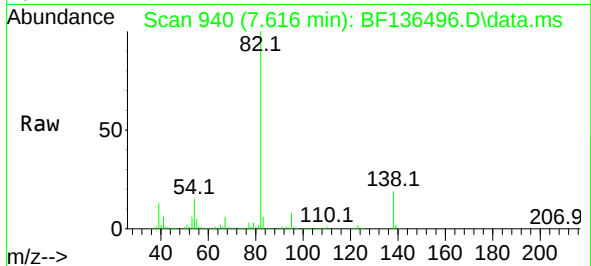
#25
Isophorone
Concen: 36.248 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :
BNA_F
ClientSampleId :
MW-110MS

Tgt Ion: 82 Resp: 631148
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.4 14.5 21.7

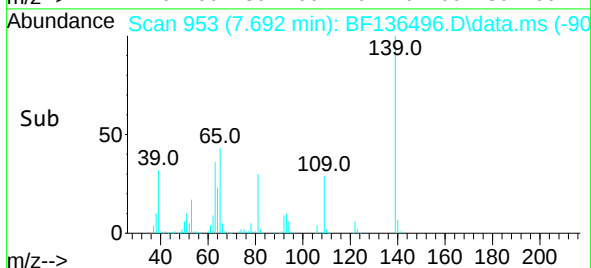
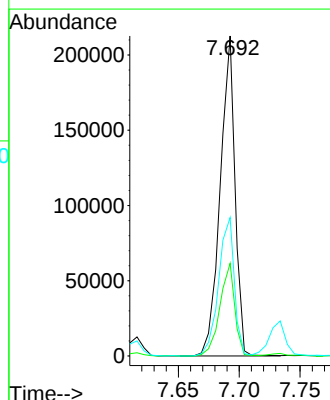
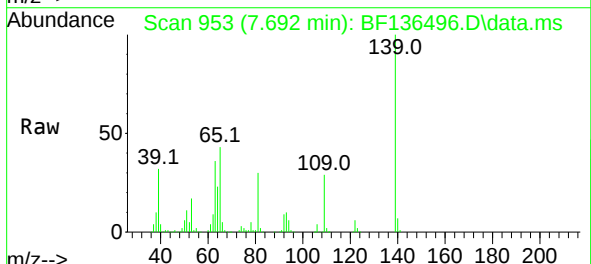
Manual Integrations
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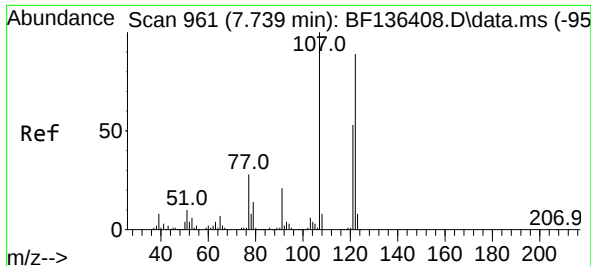
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 37.680 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:139 Resp: 180603
Ion Ratio Lower Upper
139 100
109 28.9 23.6 35.4
65 43.2 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 40.248 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136496.D

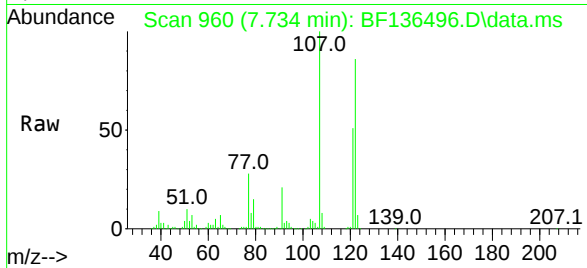
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS



Tgt Ion:122 Resp: 23786

Ion Ratio Lower Upper

122 100

107 115.8 89.3 133.9

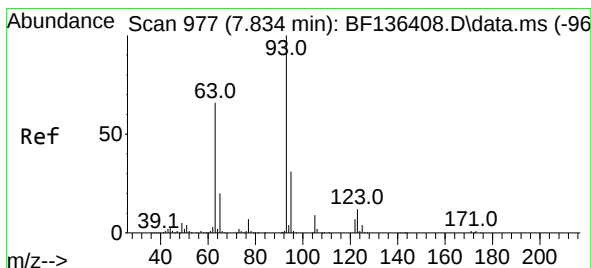
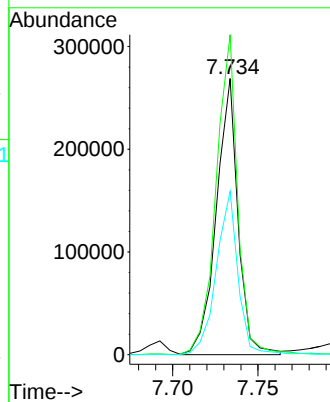
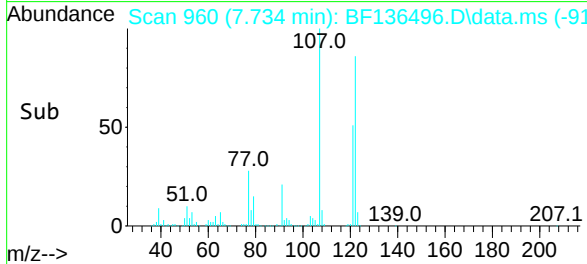
121 59.1 47.6 71.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.048 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

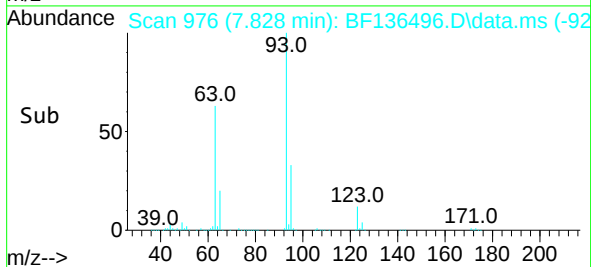
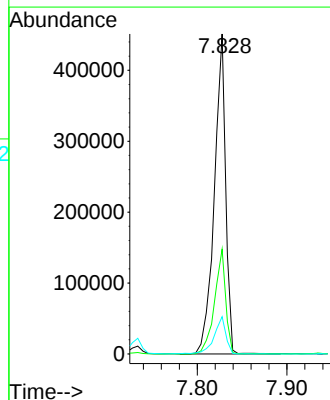
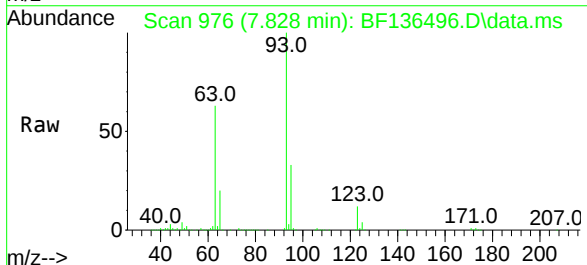
Tgt Ion: 93 Resp: 396385

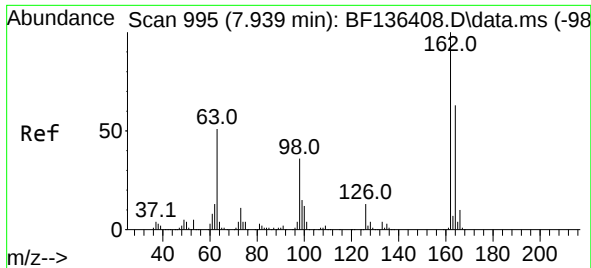
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.4

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 34.501 ng

RT: 7.934 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

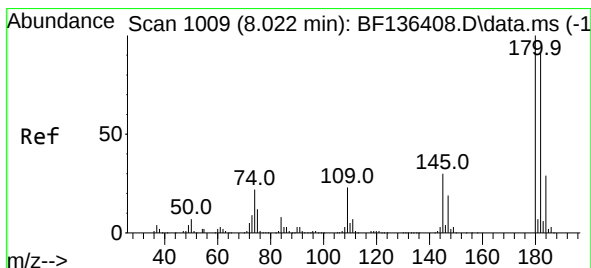
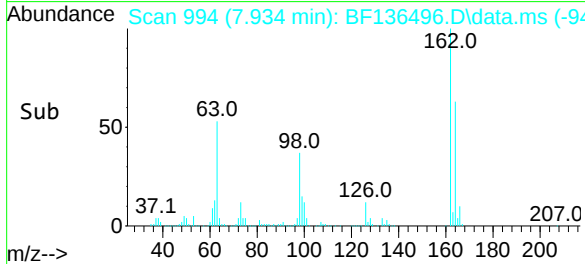
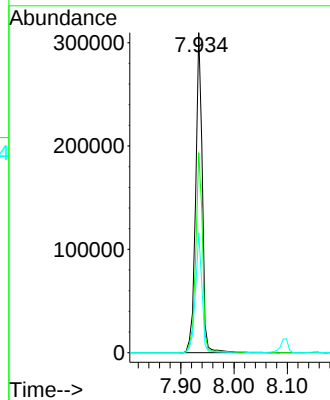
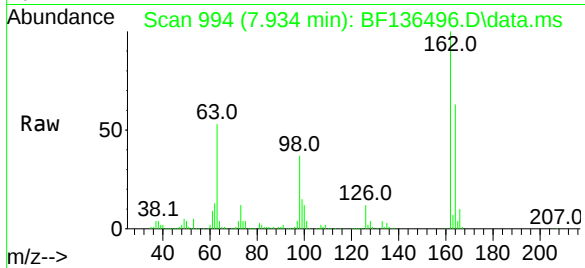
Tgt Ion:162	Resp: 26914
Ion Ratio	Lower Upper
162 100	
164 62.5	43.0 83.0
98 37.5	16.2 56.2

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#30

1,2,4-Trichlorobenzene

Concen: 30.312 ng

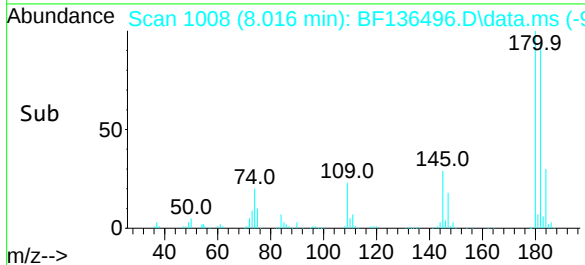
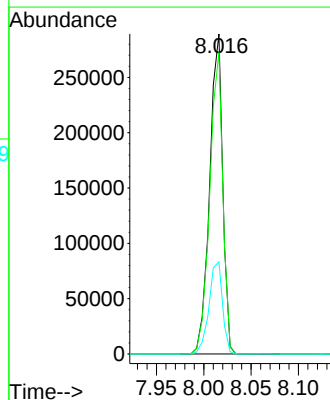
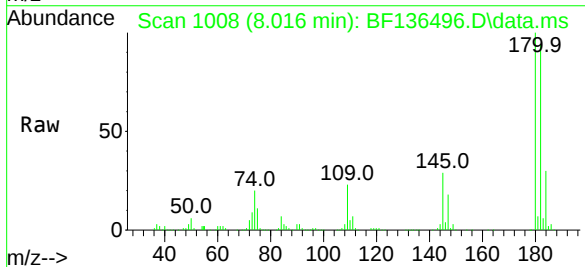
RT: 8.016 min Scan# 1008

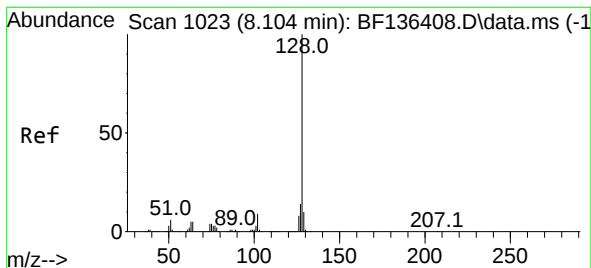
Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Tgt Ion:180	Resp: 275730
Ion Ratio	Lower Upper
180 100	
182 94.2	73.1 109.7
145 28.8	23.8 35.8





#31

Naphthalene

Concen: 31.855 ng

RT: 8.098 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:128 Resp: 920378

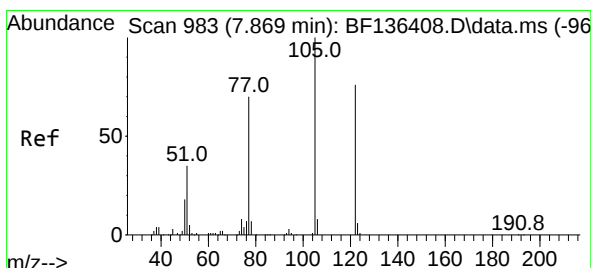
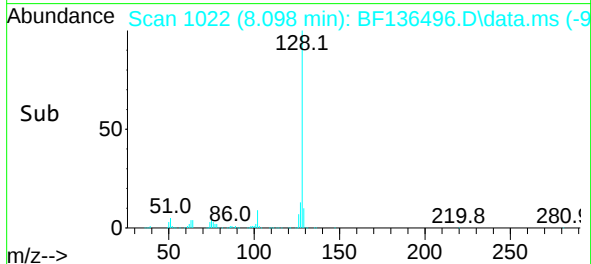
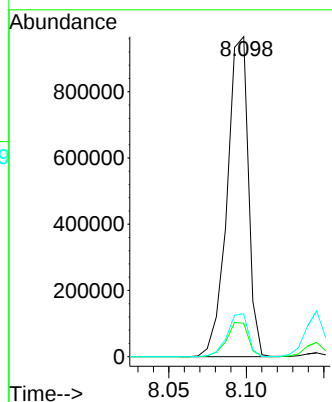
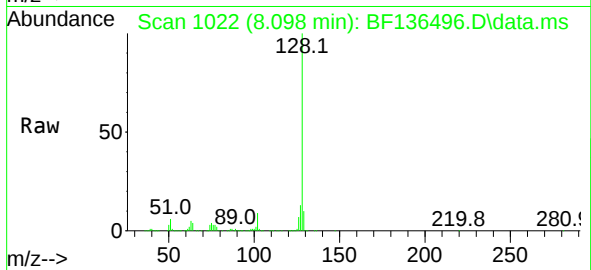
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	13.4	11.1	16.7

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Supervised By :mohammad ahmed 12/14/2023



#32

Benzoic acid

Concen: 5.865 ng

RT: 7.804 min Scan# 972

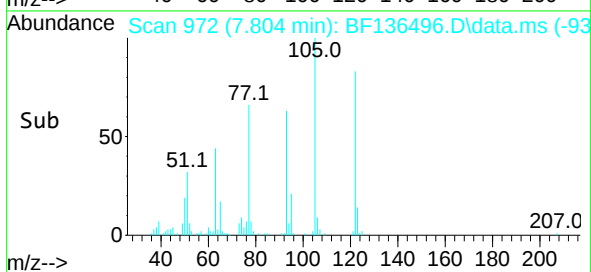
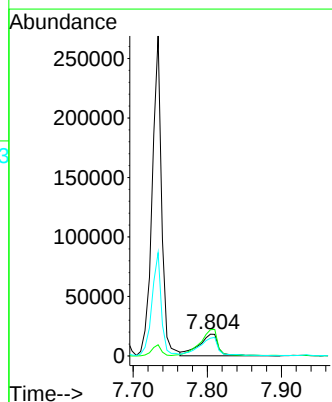
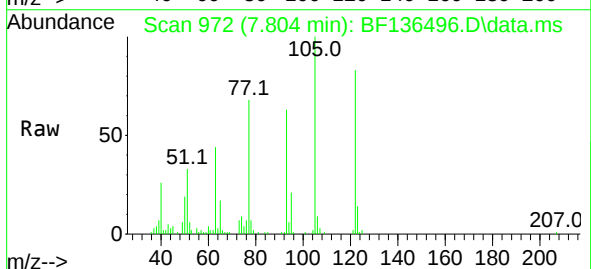
Delta R.T. -0.065 min

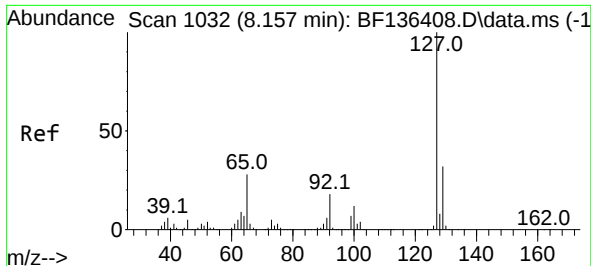
Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Tgt Ion:122 Resp: 34385

Ion	Ratio	Lower	Upper
122	100		
105	120.1	104.7	144.7
77	81.2	68.5	108.5





#33
4-Chloroaniline
Concen: 12.185 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

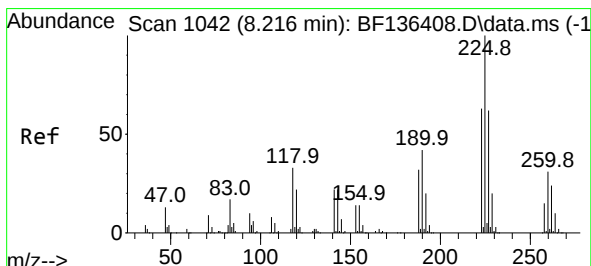
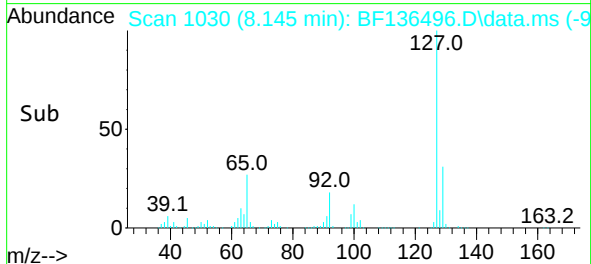
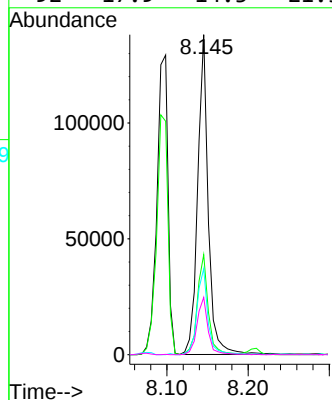
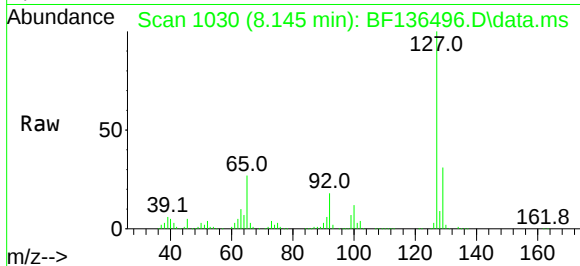
MW-110MS

Tgt Ion:127 Resp: 125509
Ion Ratio Lower Upper
127 100
129 31.3 25.4 38.2
65 26.9 22.5 33.7
92 17.9 14.3 21.5

Manual Integrations

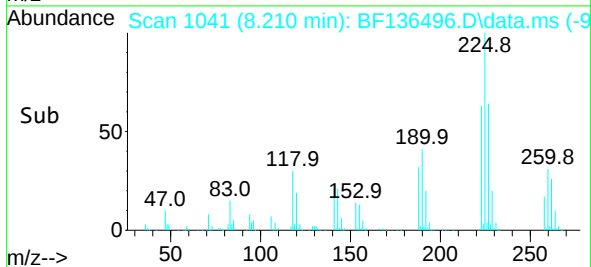
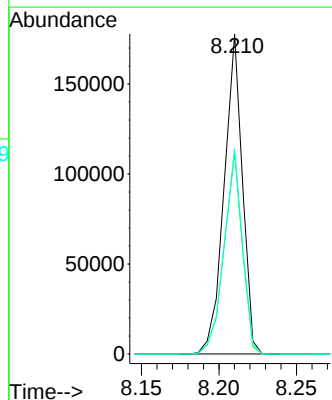
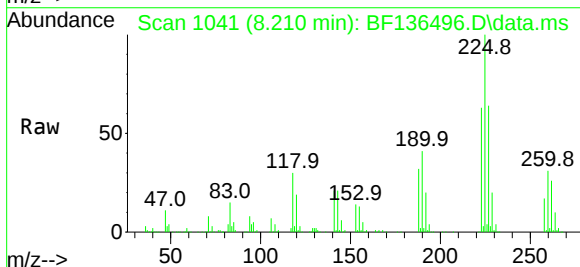
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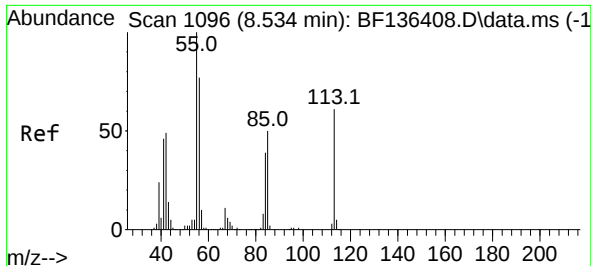
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 27.016 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

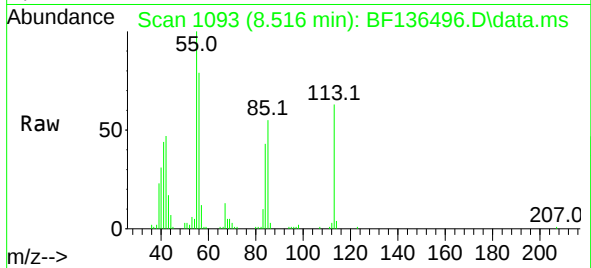
Tgt Ion:225 Resp: 145642
Ion Ratio Lower Upper
225 100
223 62.8 50.8 76.2
227 64.1 49.8 74.8





#35
Caprolactam
Concen: 6.483 ng
RT: 8.516 min Scan# 1096
Delta R.T. -0.018 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

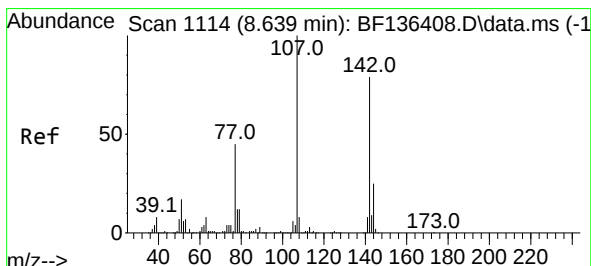
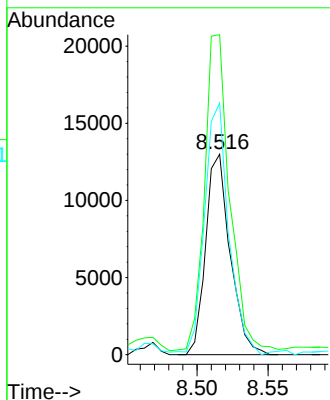
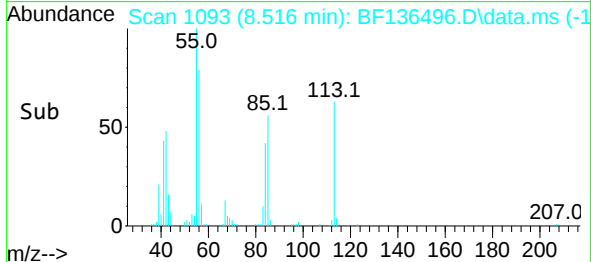
Instrument :
BNA_F
ClientSampleId :
MW-110MS



Tgt Ion:113 Resp: 1557
Ion Ratio Lower Upper
113 100
55 159.6 143.7 183.7
56 125.4 105.2 145.2

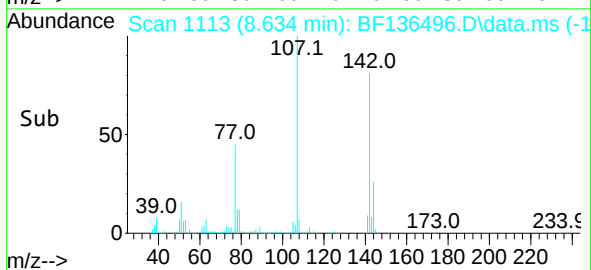
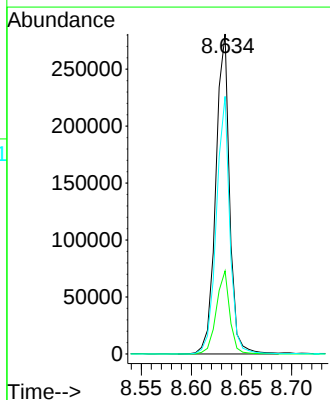
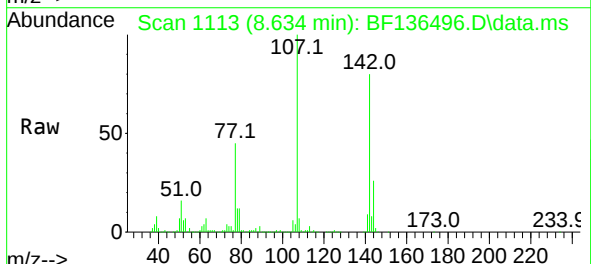
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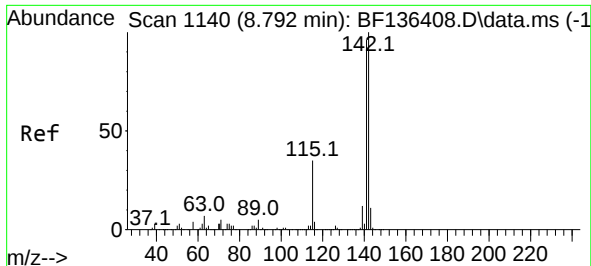
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 32.508 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:107 Resp: 269261
Ion Ratio Lower Upper
107 100
144 26.0 20.1 30.1
142 80.5 63.1 94.7





#37

2-Methylnaphthalene

Concen: 33.281 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:142 Resp: 61175

Ion Ratio Lower Upper

142 100

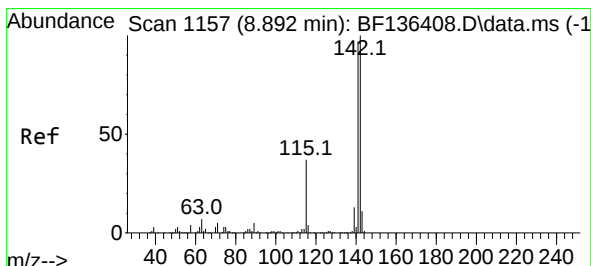
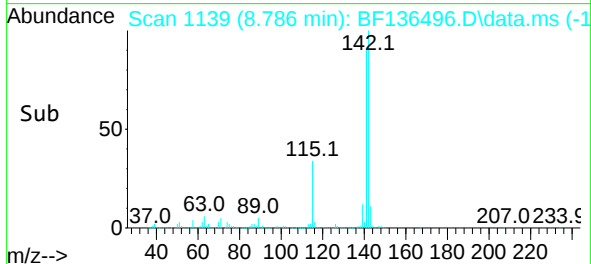
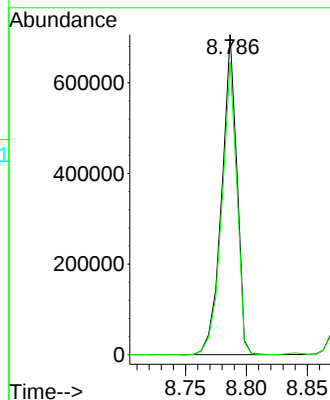
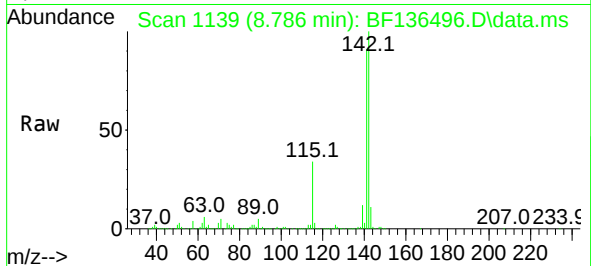
141 91.5 76.4 114.6

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#38

1-Methylnaphthalene

Concen: 33.096 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136496.D

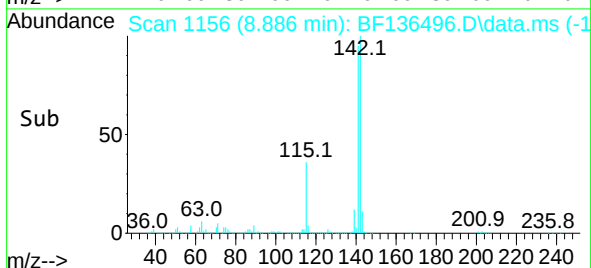
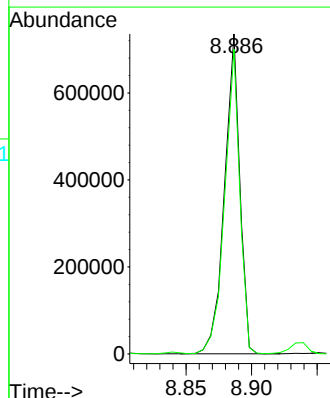
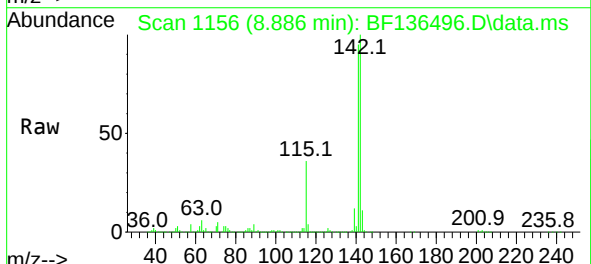
Acq: 11 Dec 2023 18:13

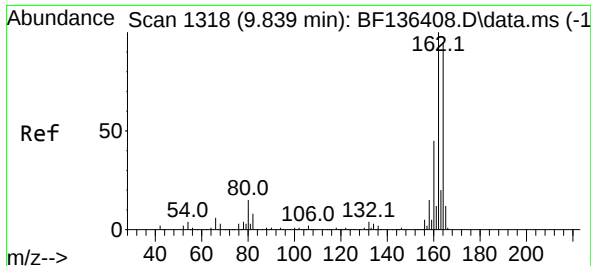
Tgt Ion:142 Resp: 596955

Ion Ratio Lower Upper

142 100

141 95.2 77.7 116.5





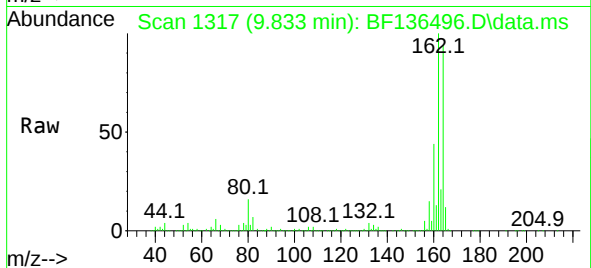
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

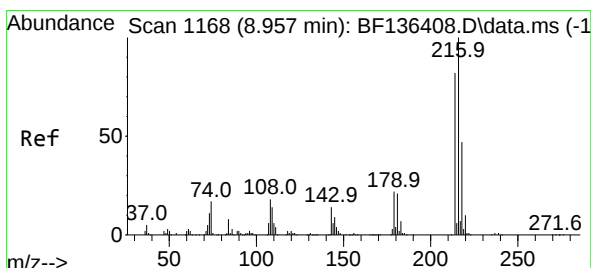
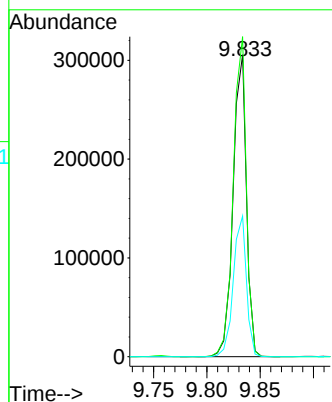
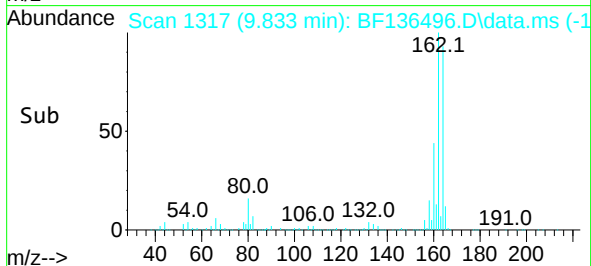


Tgt Ion:164 Resp: 26568
Ion Ratio Lower Upper
164 100
162 106.0 84.4 126.6
160 46.6 37.6 56.4

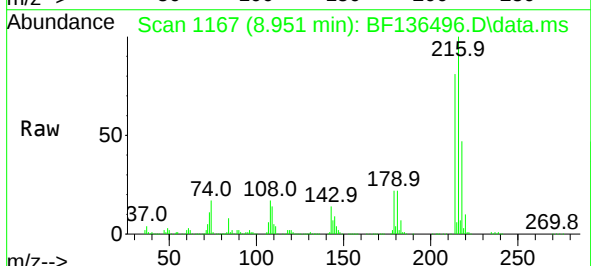
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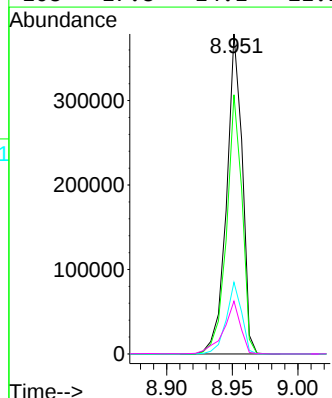
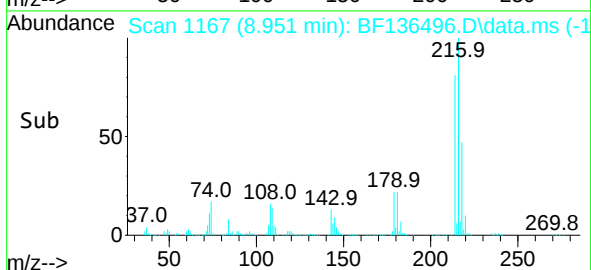
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.058 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



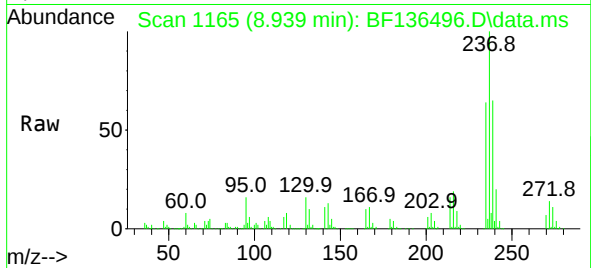
Tgt Ion:216 Resp: 314573
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
179 21.8 17.0 25.6
108 17.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 69.220 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

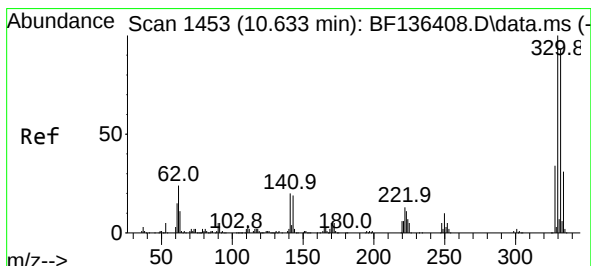
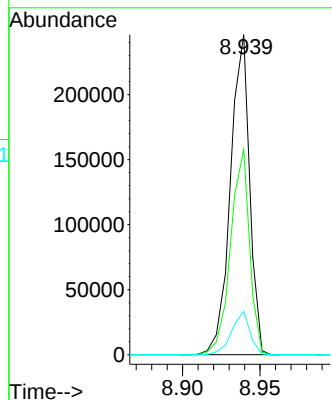
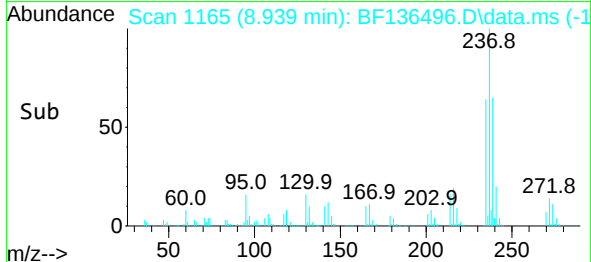
Instrument :
BNA_F
ClientSampleId :
MW-110MS



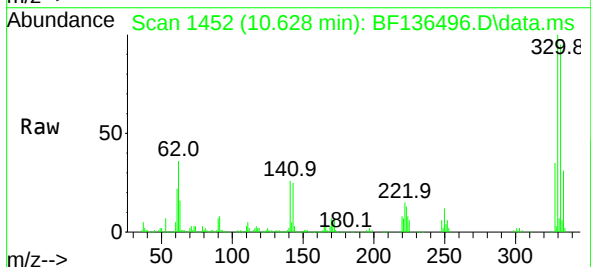
Tgt Ion:237 Resp: 21196
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 13.6 0.0 33.3

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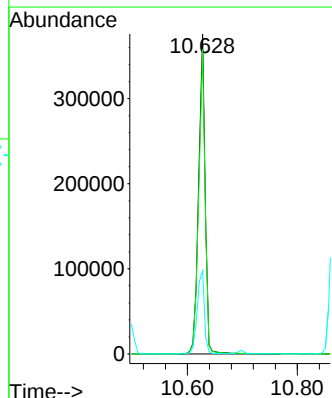
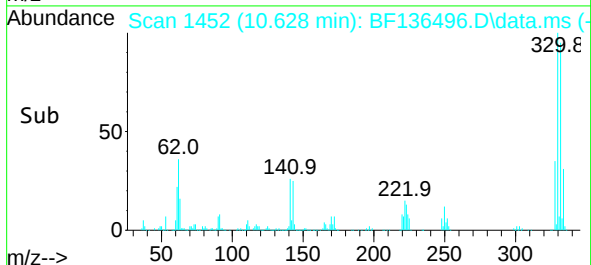
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

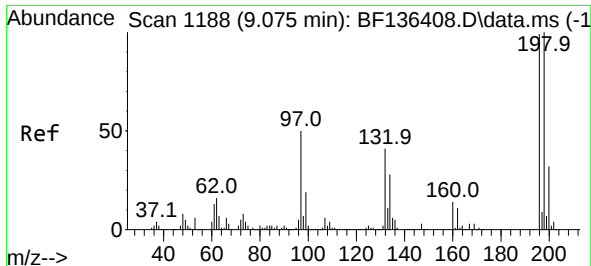


#42
2,4,6-Tribromophenol
Concen: 94.730 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



Tgt Ion:330 Resp: 310324
Ion Ratio Lower Upper
330 100
332 94.6 76.4 114.6
141 28.4 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 38.314 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:196 Resp: 206200

Ion Ratio Lower Upper

196 100

198 100.5 80.4 120.6

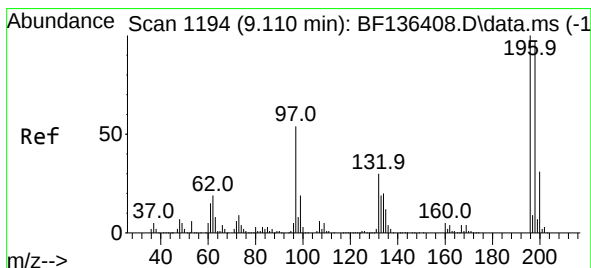
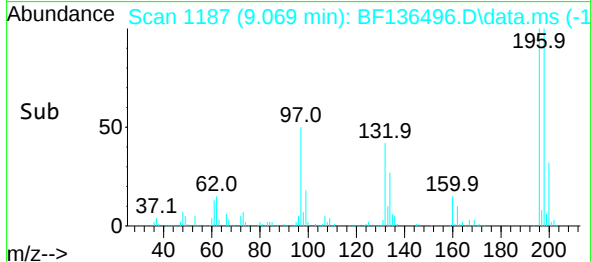
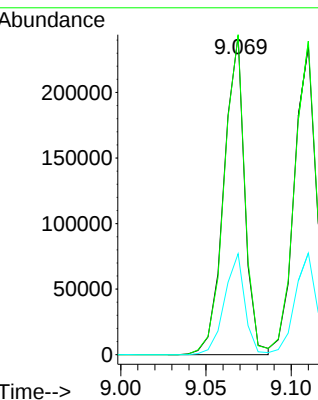
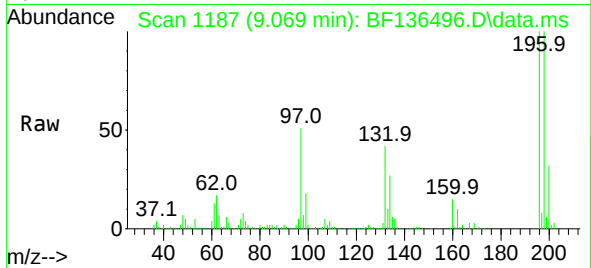
200 31.7 25.9 38.9

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#44

2,4,5-Trichlorophenol

Concen: 36.078 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Tgt Ion:196 Resp: 216719

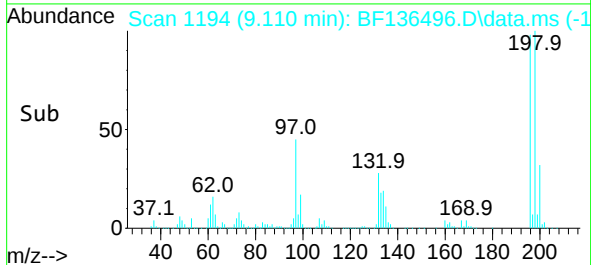
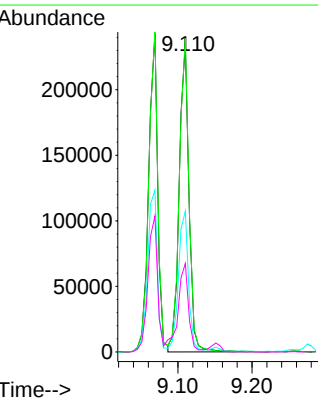
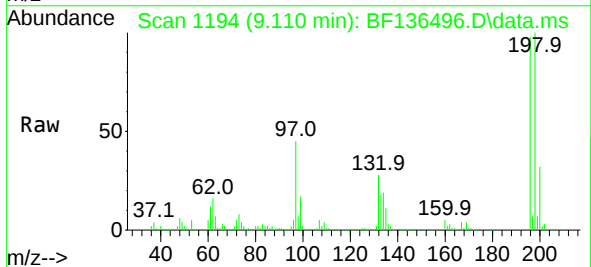
Ion Ratio Lower Upper

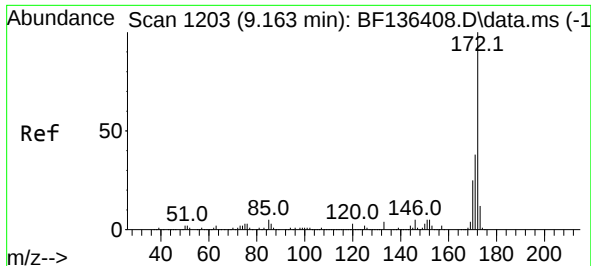
196 100

198 101.6 78.1 117.1

97 45.6 43.4 65.2

132 28.6 24.2 36.4





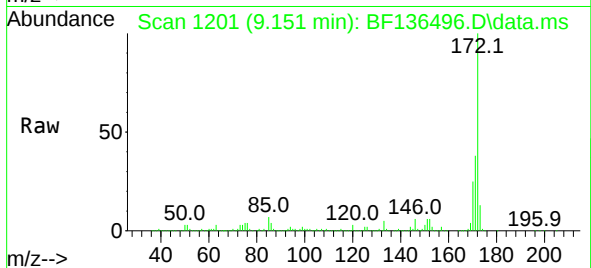
#45
2-Fluorobiphenyl
Concen: 67.550 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS



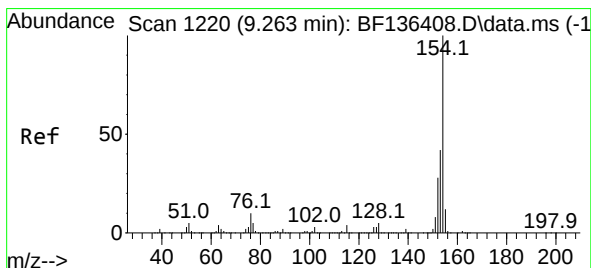
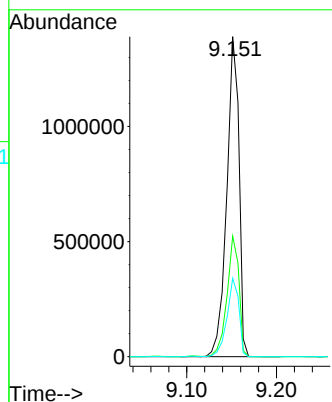
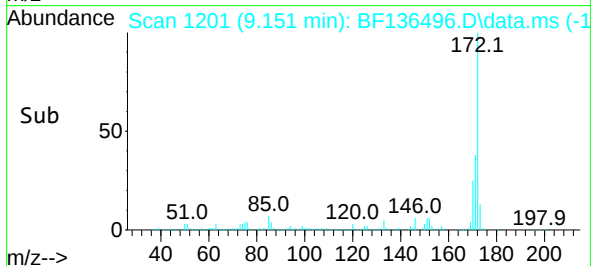
Tgt Ion:172 Resp: 1315264
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.5 19.9 29.9

Manual Integrations

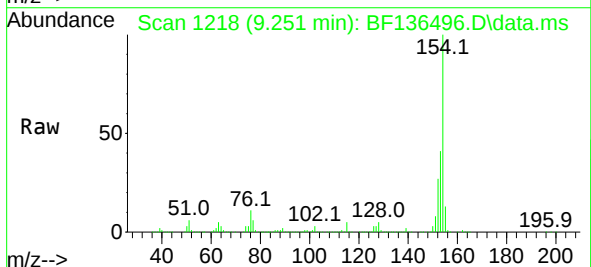
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

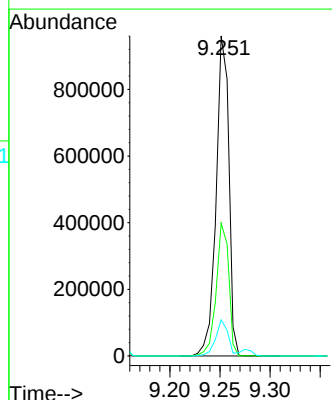
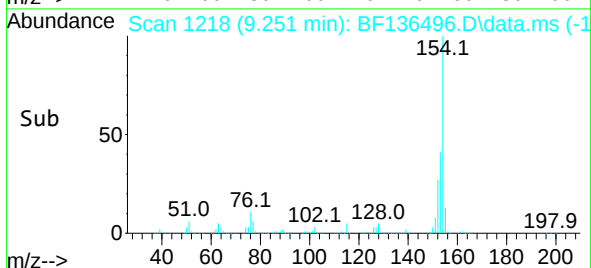
Supervised By :mohammad ahmed 12/14/2023

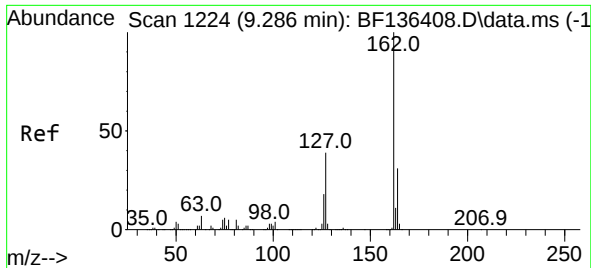


#46
1,1'-Biphenyl
Concen: 37.610 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



Tgt Ion:154 Resp: 850227
Ion Ratio Lower Upper
154 100
153 41.5 22.5 62.5
76 11.3 0.0 29.9





#47

2-Chloronaphthalene

Concen: 35.930 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:162 Resp: 632200

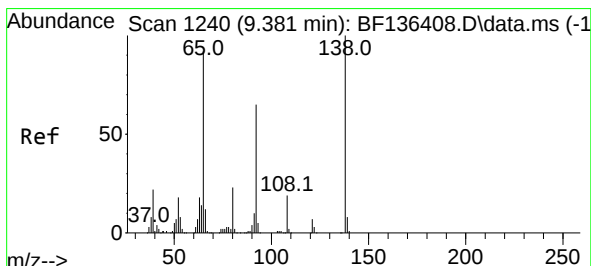
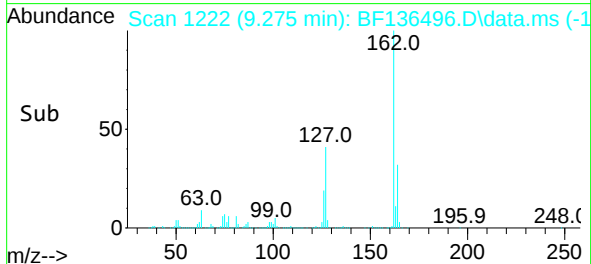
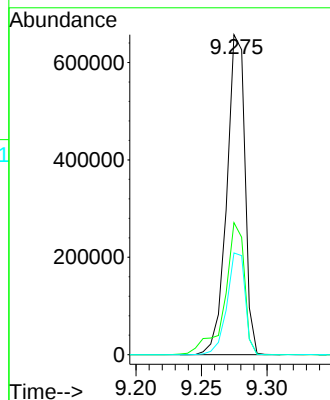
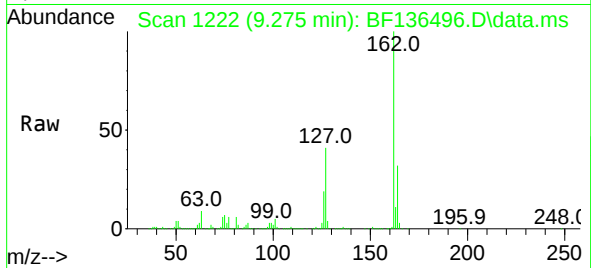
Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.1	46.7
164	31.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#48

2-Nitroaniline

Concen: 38.895 ng

RT: 9.375 min Scan# 1239

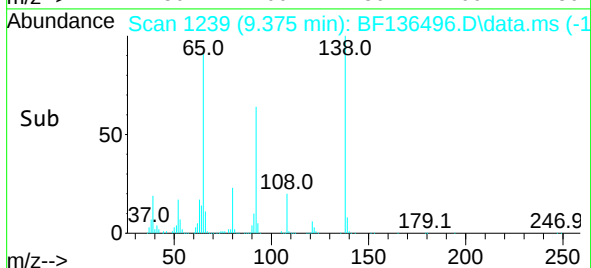
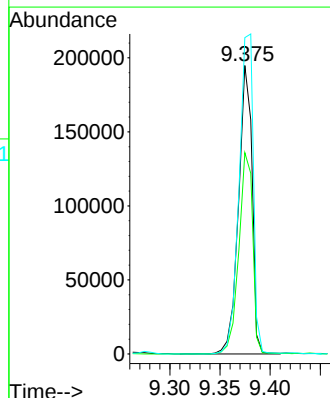
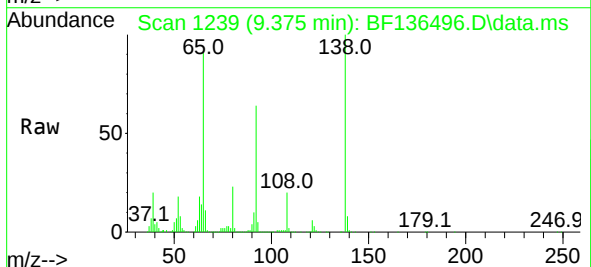
Delta R.T. -0.006 min

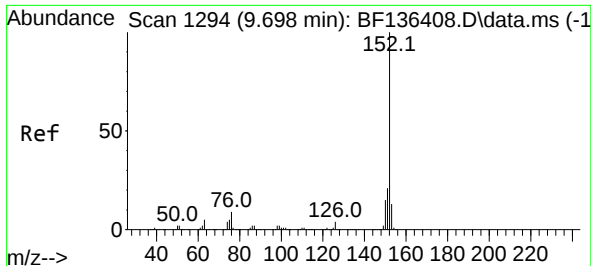
Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Tgt Ion: 65 Resp: 183549

Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.1	84.1
138	109.7	86.7	130.1





#49
Acenaphthylene
Concen: 39.736 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

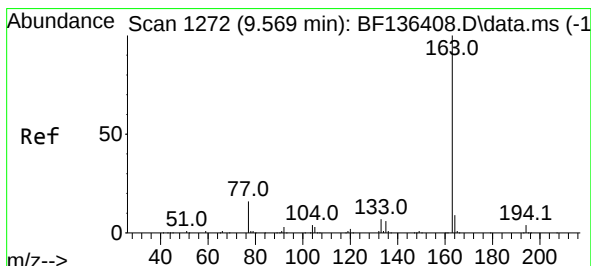
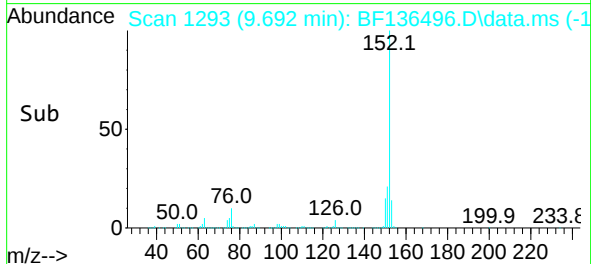
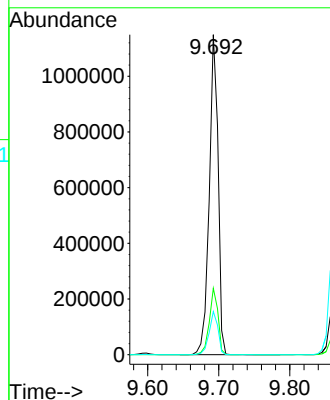
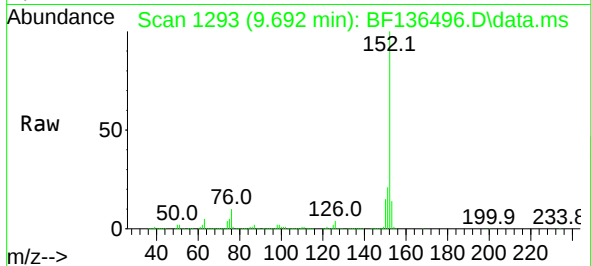
ClientSampleId :

MW-110MS

Tgt Ion:152 Resp: 995980
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.5 10.6 15.8

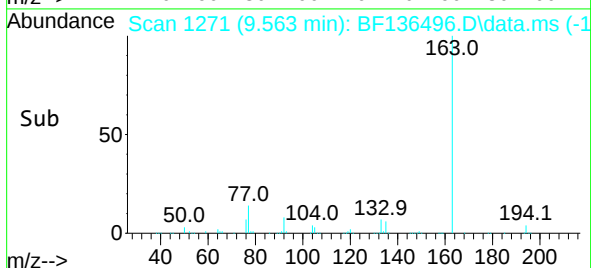
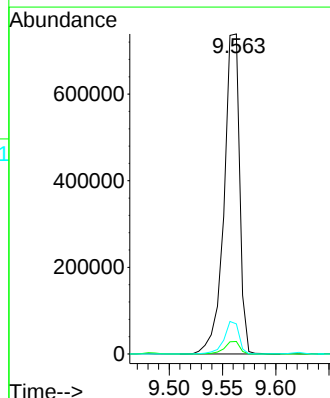
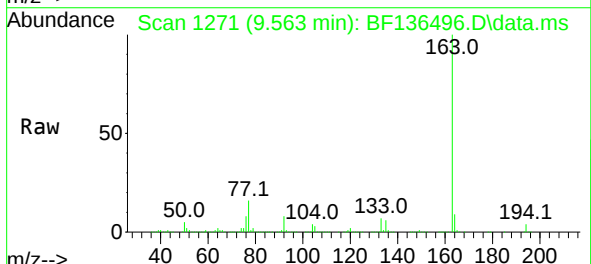
Manual Integrations
APPROVED

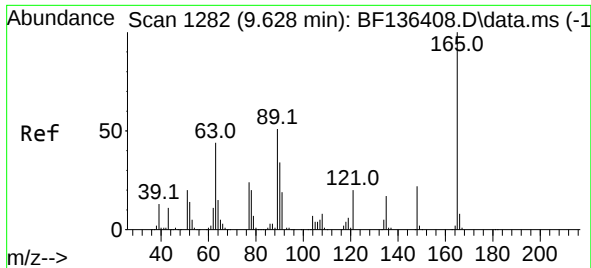
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#50
Dimethylphthalate
Concen: 38.222 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:163 Resp: 747644
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.4 7.4 11.2





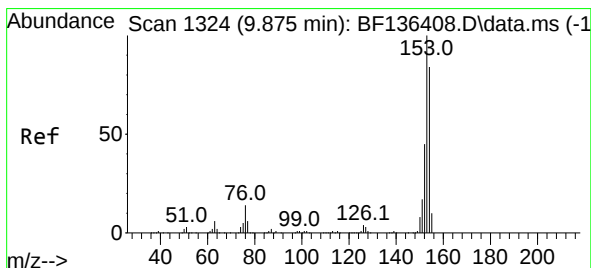
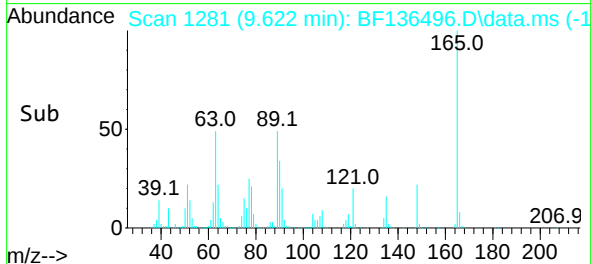
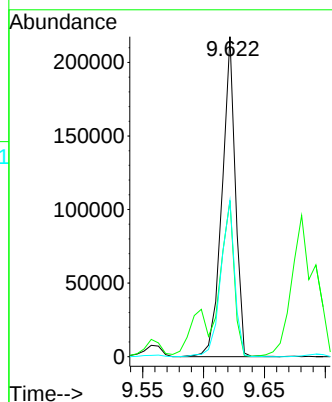
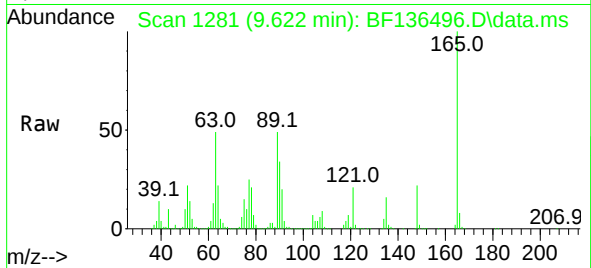
#51
2,6-Dinitrotoluene
Concen: 38.034 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :
BNA_F
ClientSampleId :
MW-110MS

Tgt Ion:165 Resp: 167370
Ion Ratio Lower Upper
165 100
63 48.8 40.4 60.6
89 48.8 40.6 60.8

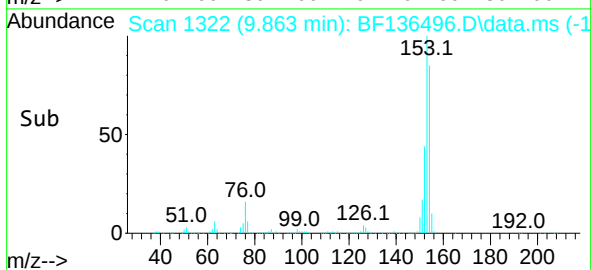
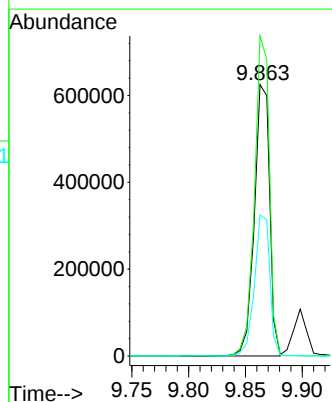
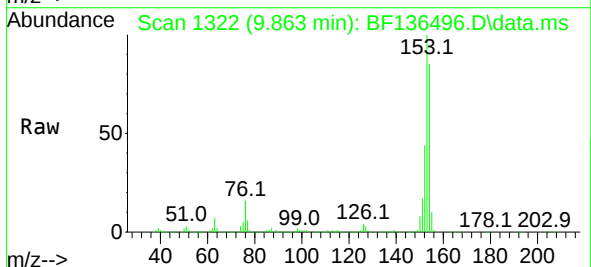
Manual Integrations
APPROVED

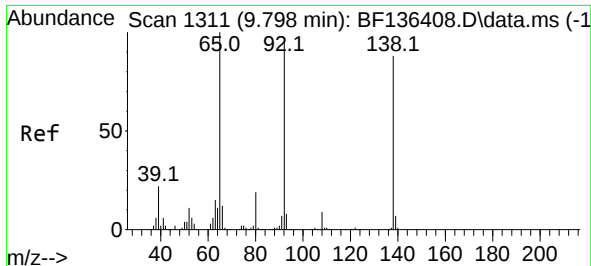
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 36.477 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:154 Resp: 585895
Ion Ratio Lower Upper
154 100
153 117.9 95.3 142.9
152 52.0 43.2 64.8





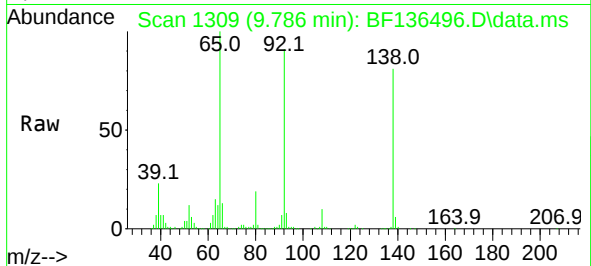
#53
3-Nitroaniline
Concen: 17.394 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

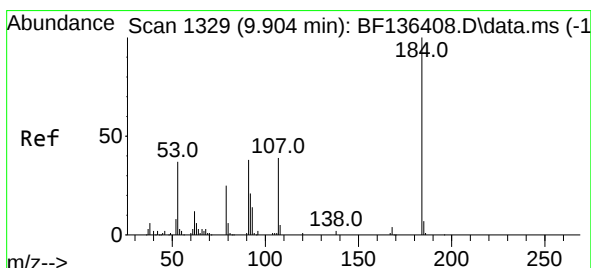
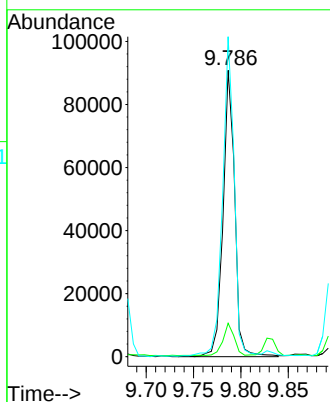
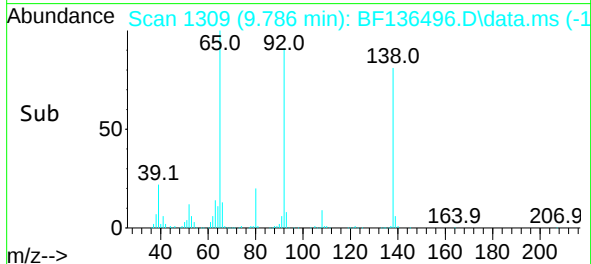


Tgt Ion:138 Resp: 7816
Ion Ratio Lower Upper
138 100
108 11.7 8.5 12.7
92 111.8 86.1 129.1

Manual Integrations

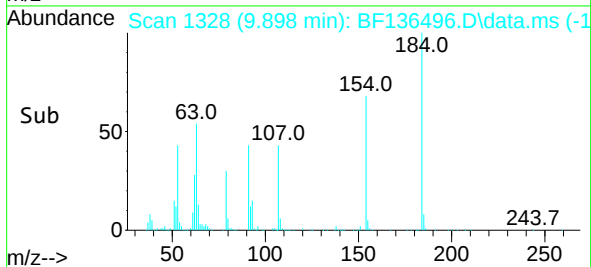
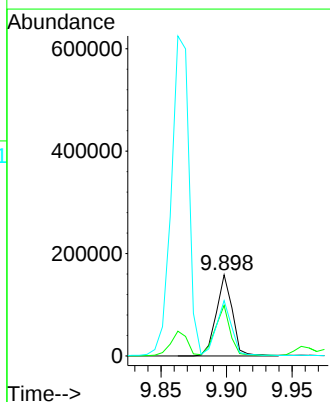
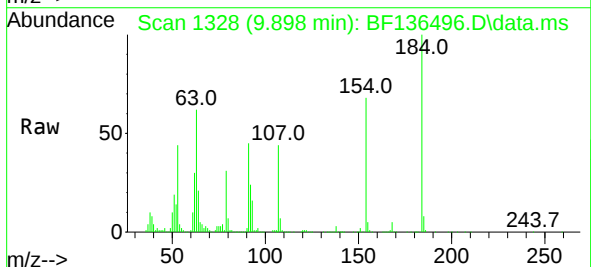
APPROVED

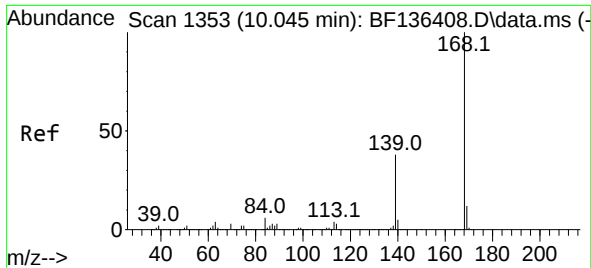
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 60.944 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

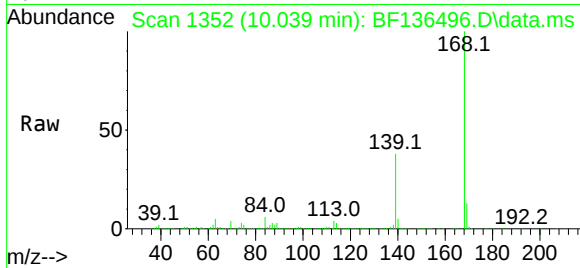
Tgt Ion:184 Resp: 135594
Ion Ratio Lower Upper
184 100
63 62.2 39.1 58.7#
154 68.2 49.9 74.9





#55
Dibenzenofuran
Concen: 37.815 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

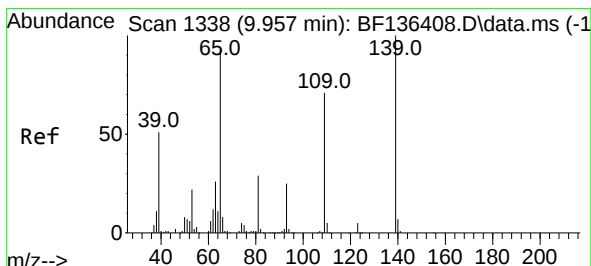
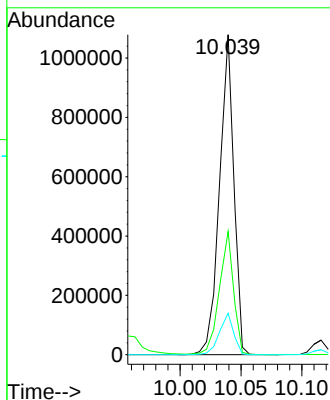
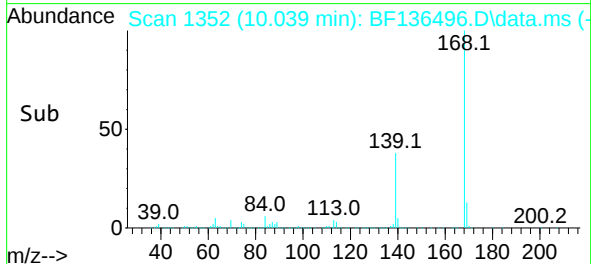
Instrument :
BNA_F
ClientSampleId :
MW-110MS



Tgt Ion:168 Resp: 887294
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 12.9 9.9 14.9

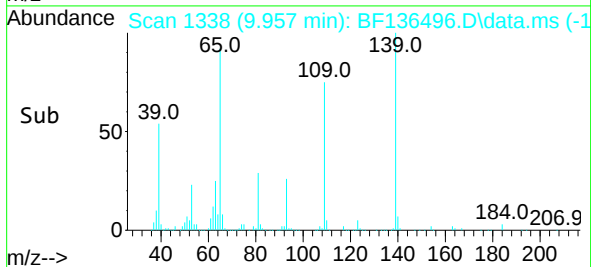
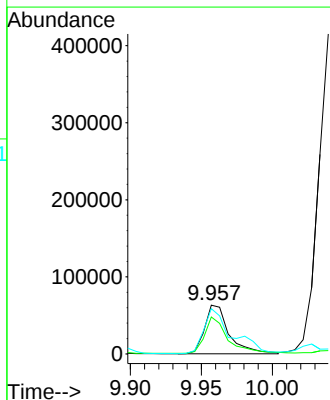
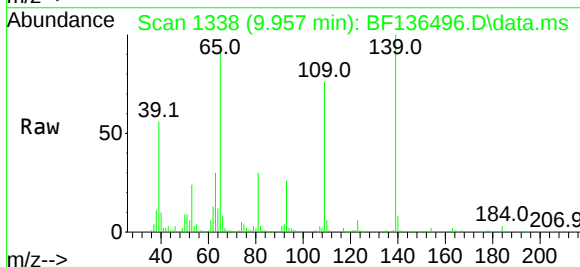
Manual Integrations
APPROVED

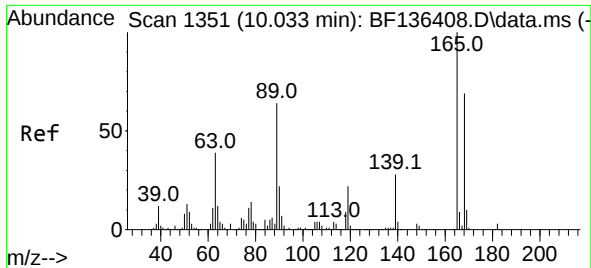
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 22.517 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

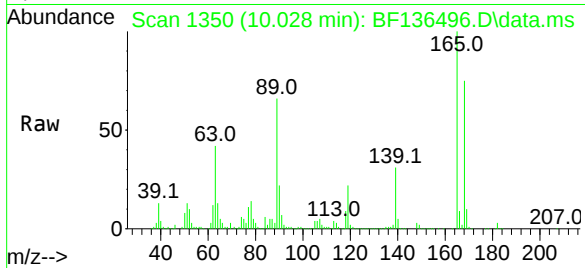
Tgt Ion:139 Resp: 75854
Ion Ratio Lower Upper
139 100
109 75.8 50.6 90.6
65 92.8 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 36.733 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

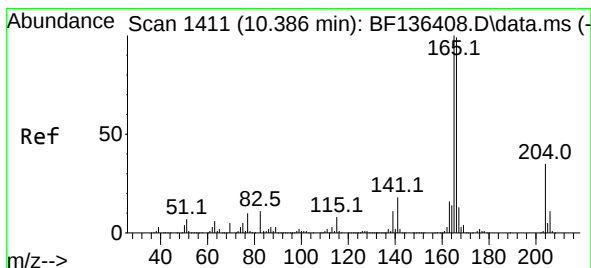
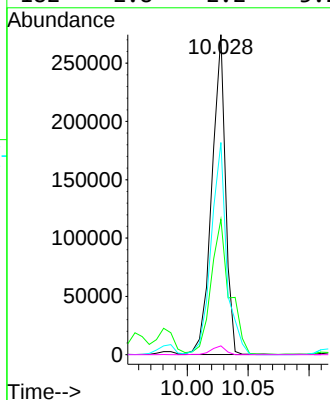
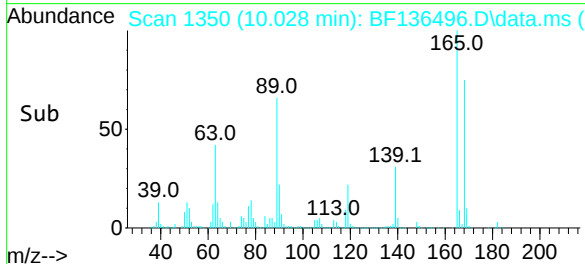
Instrument :
BNA_F
ClientSampleId :
MW-110MS



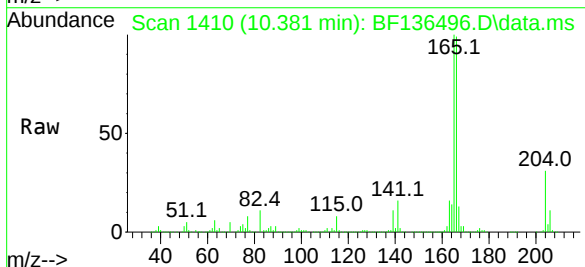
Tgt Ion:165 Resp: 213830
Ion Ratio Lower Upper
165 100
63 42.3 31.4 47.2
89 66.3 51.7 77.5
182 2.8 2.2 3.2

Manual Integrations
APPROVED

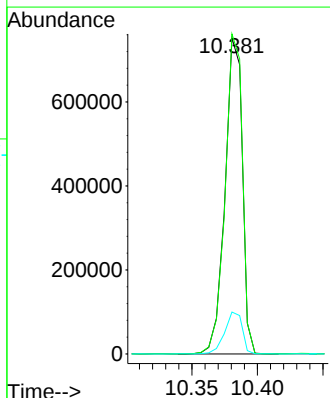
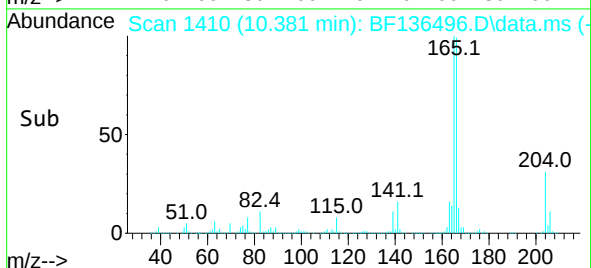
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

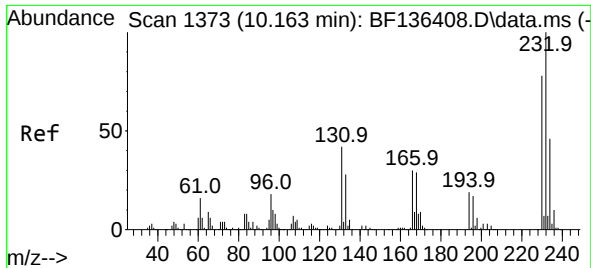


#58
Fluorene
Concen: 36.653 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



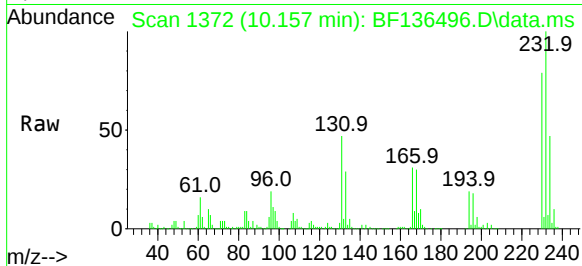
Tgt Ion:166 Resp: 690373
Ion Ratio Lower Upper
166 100
165 101.2 80.5 120.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.469 ng m
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

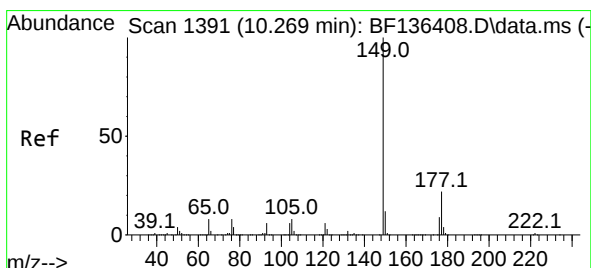
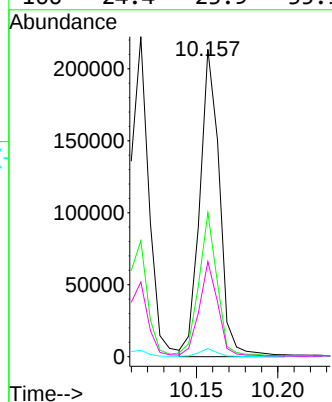
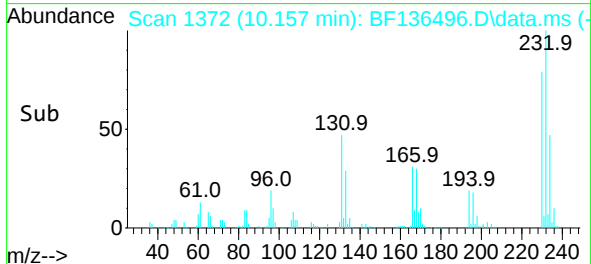
Instrument :
BNA_F
ClientSampleId :
MW-110MS



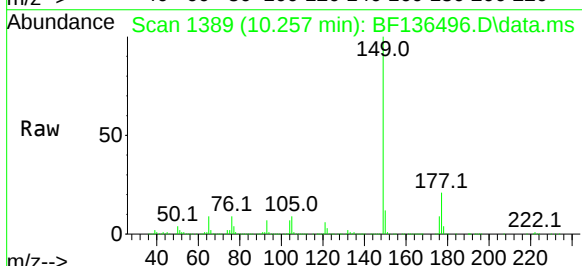
Tgt Ion:232 Resp: 180285
Ion Ratio Lower Upper
232 100
131 37.1 34.3 51.5
130 2.2 1.6 2.4
166 24.4 23.9 35.9

Manual Integrations
APPROVED

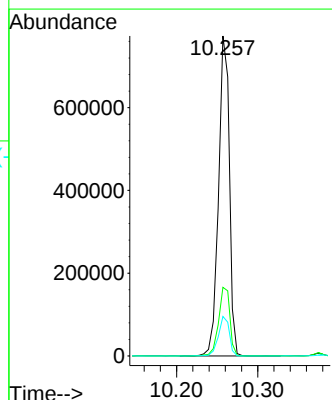
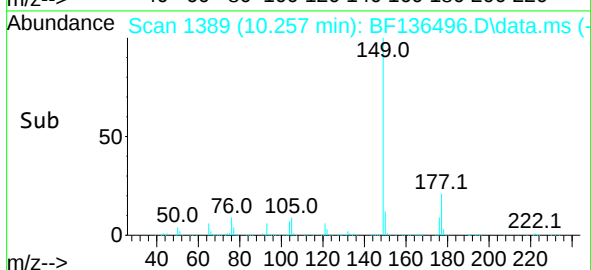
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

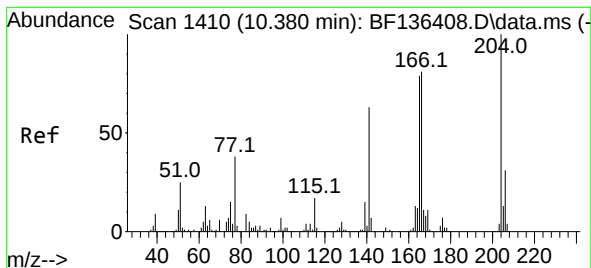


#60
Diethylphthalate
Concen: 37.337 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



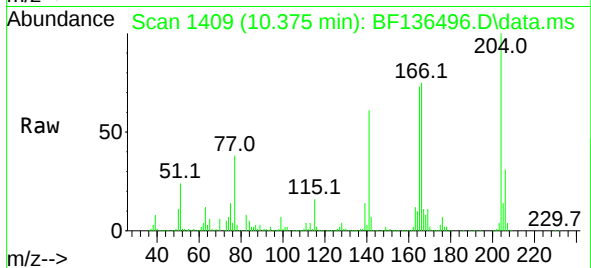
Tgt Ion:149 Resp: 718157
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.8
150 12.3 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 37.009 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

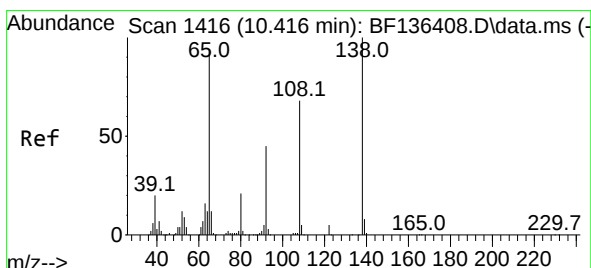
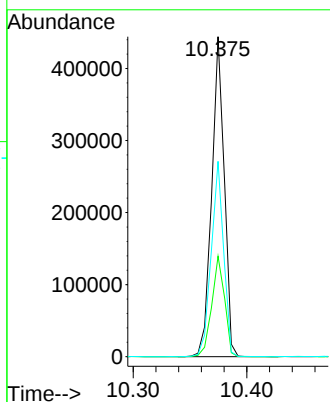
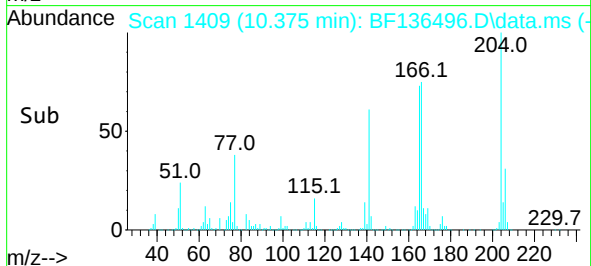
Instrument :
BNA_F
ClientSampleId :
MW-110MS



Tgt Ion:204 Resp: 33982
Ion Ratio Lower Upper
204 100
206 31.4 24.6 36.8
141 61.1 50.3 75.5

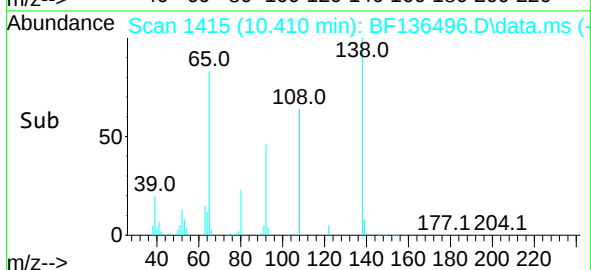
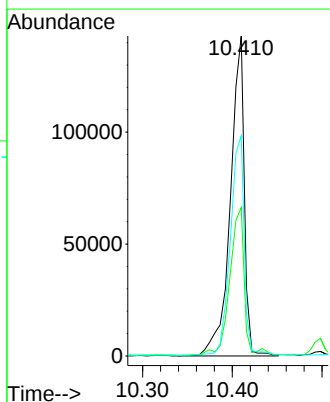
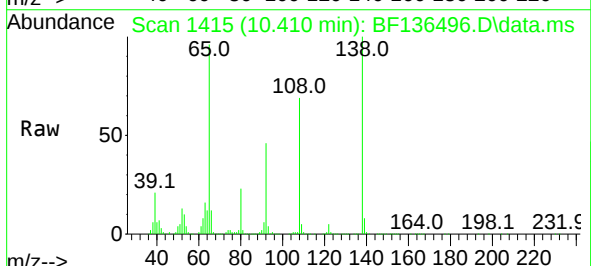
Manual Integrations
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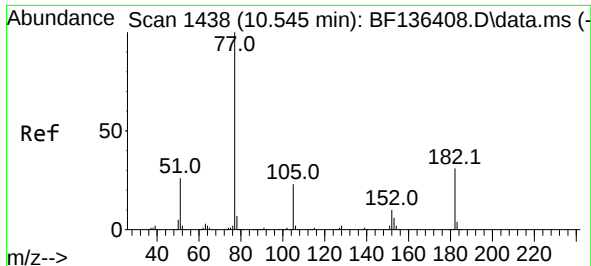
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 34.575 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:138 Resp: 154274
Ion Ratio Lower Upper
138 100
92 46.4 25.0 65.0
108 68.8 47.9 87.9





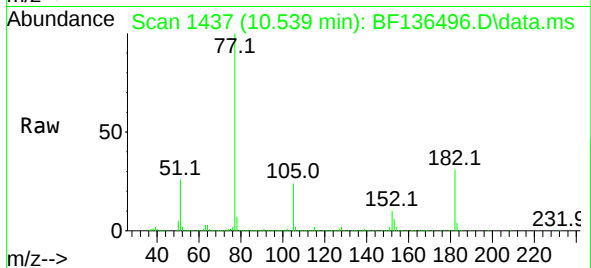
#63
Azobenzene
Concen: 36.425 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

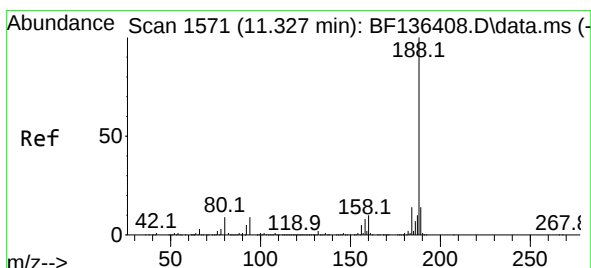
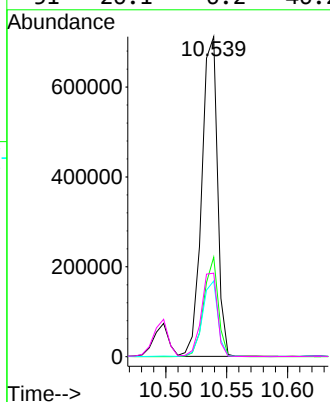
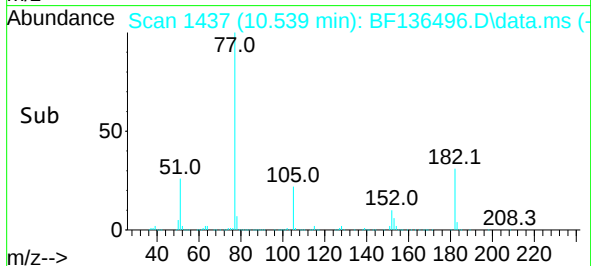


Tgt Ion: 77 Resp: 637698
Ion Ratio Lower Upper
77 100
182 31.1 10.8 50.8
105 23.6 2.6 42.6
51 26.1 6.2 46.2

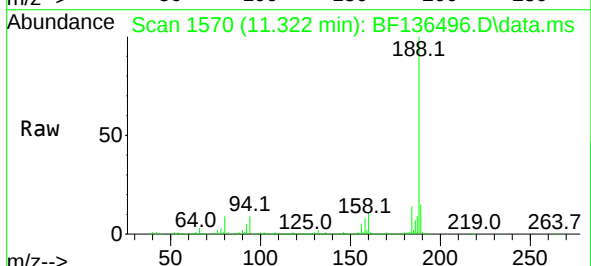
Manual Integrations

APPROVED

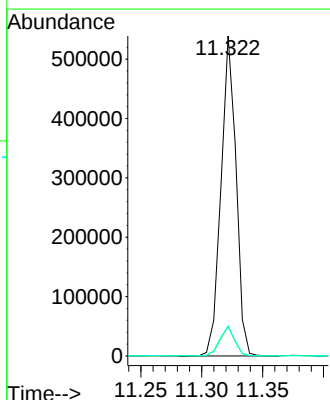
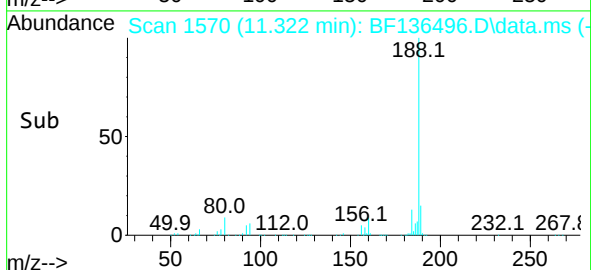
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

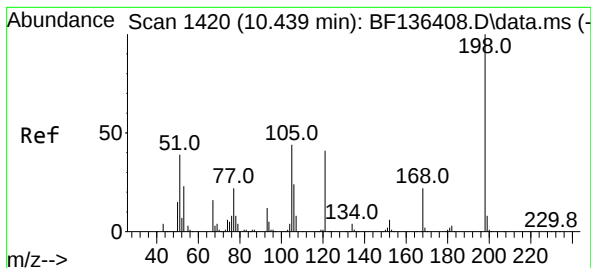


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



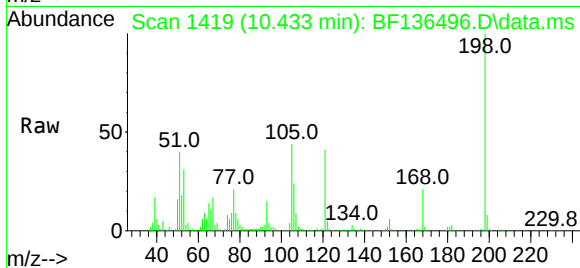
Tgt Ion:188 Resp: 464973
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.3 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 35.702 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

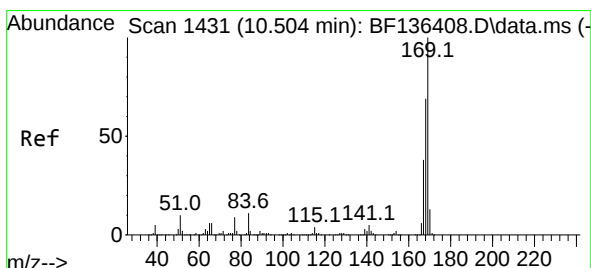
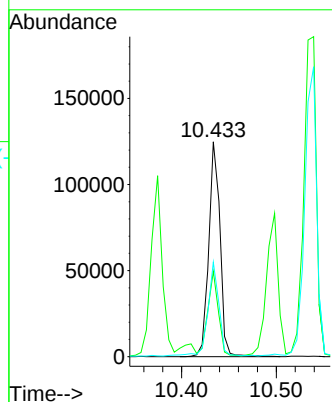
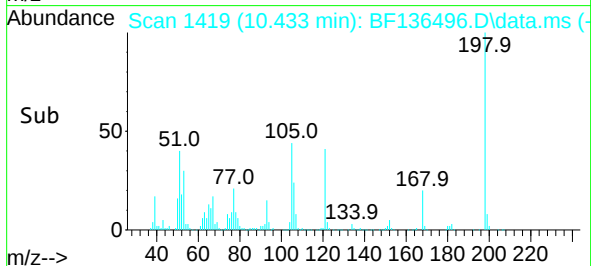
Instrument :
BNA_F
ClientSampleId :
MW-110MS



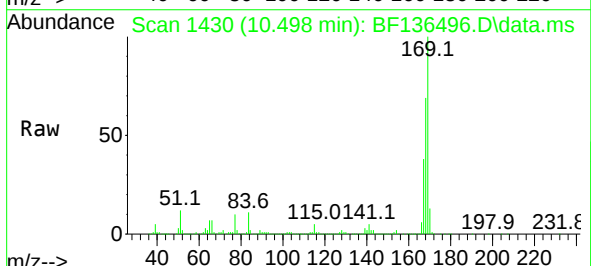
Tgt Ion:198 Resp: 102800
Ion Ratio Lower Upper
198 100
51 39.7 24.1 64.1
105 43.9 24.8 64.8

Manual Integrations
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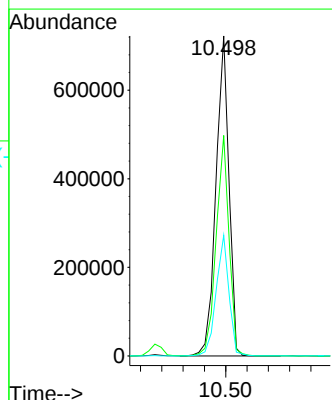
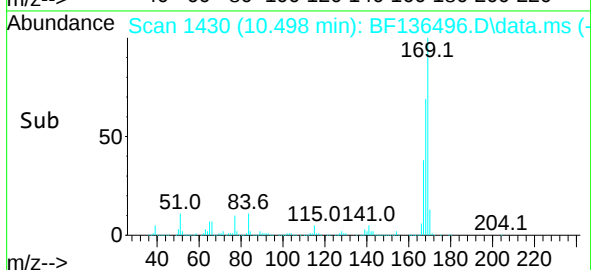
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

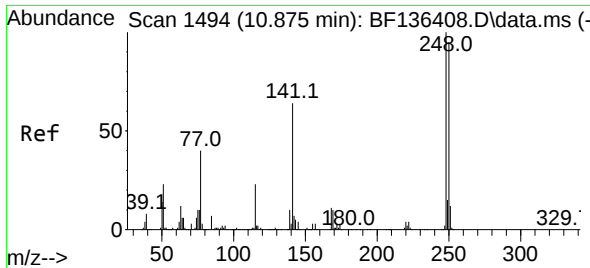


#66
n-Nitrosodiphenylamine
Concen: 41.035 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



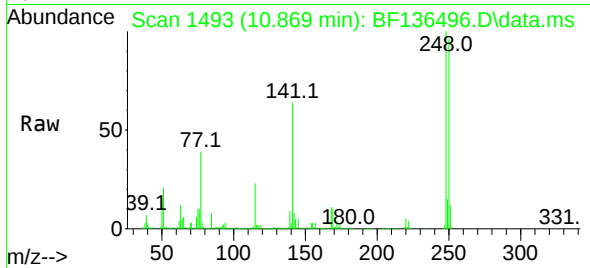
Tgt Ion:169 Resp: 612249
Ion Ratio Lower Upper
169 100
168 68.9 55.3 82.9
167 37.7 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 39.617 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

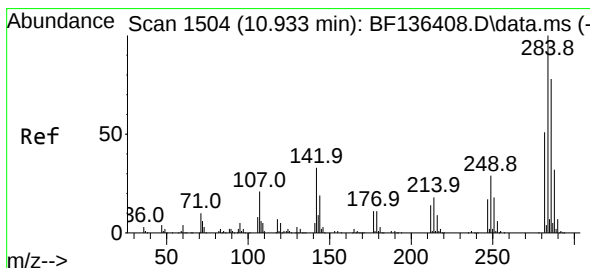
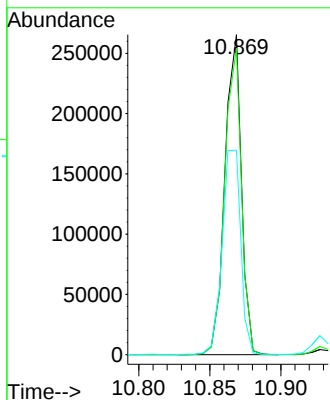
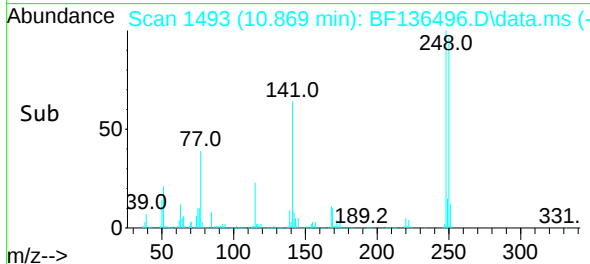
Instrument :
BNA_F
ClientSampleId :
MW-110MS



Tgt Ion:248 Resp: 21417
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.2
141 63.9 51.0 76.4

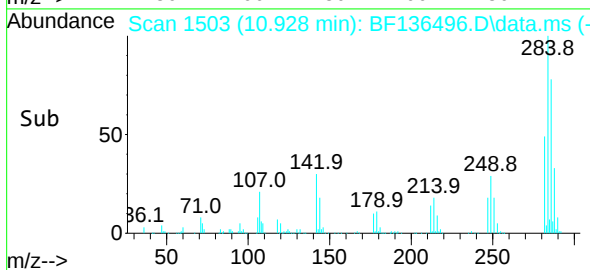
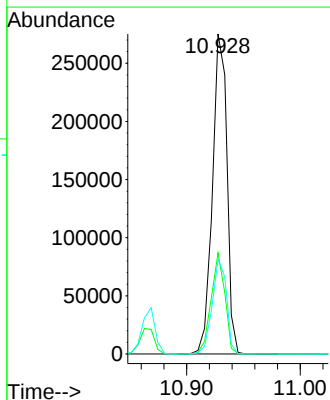
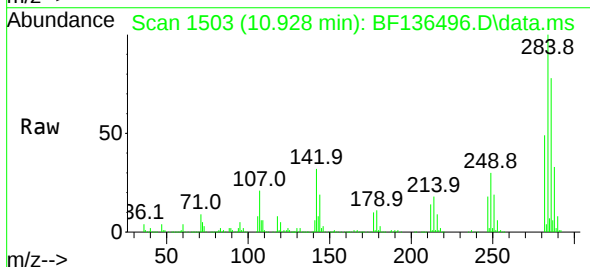
Manual Integrations
APPROVED

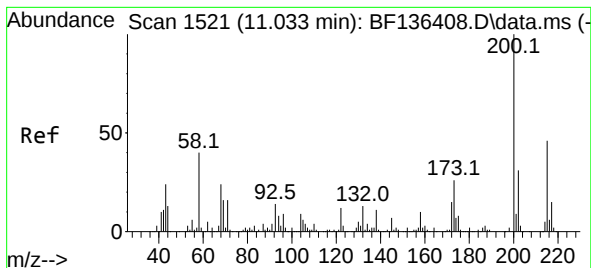
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#68
Hexachlorobenzene
Concen: 39.028 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:284 Resp: 243854
Ion Ratio Lower Upper
284 100
142 31.6 26.5 39.7
249 29.7 23.4 35.0





#69

Atrazine

Concen: 45.858 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:200 Resp: 19528

Ion Ratio Lower Upper

200 100

173 24.8 6.0 46.0

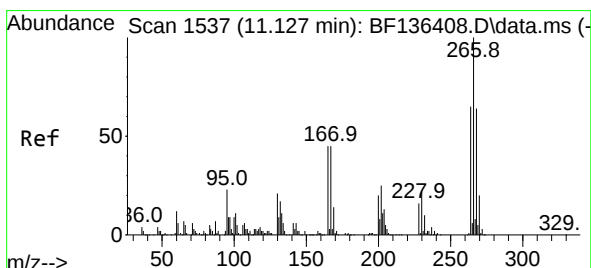
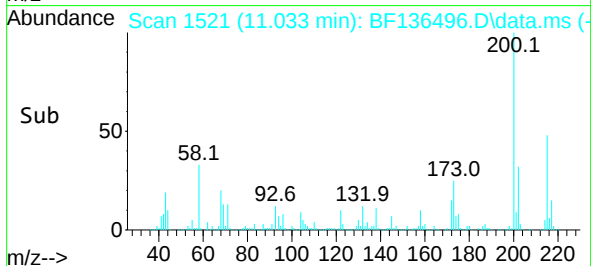
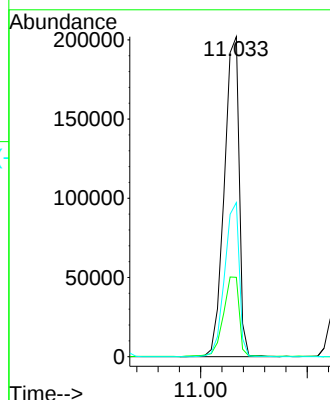
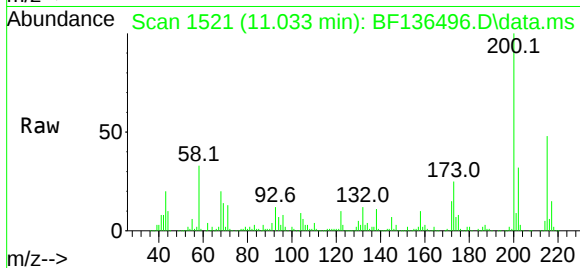
215 48.1 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 67.537 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

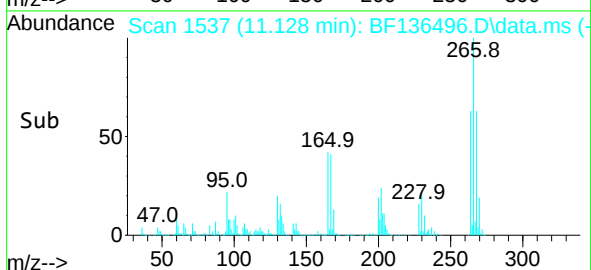
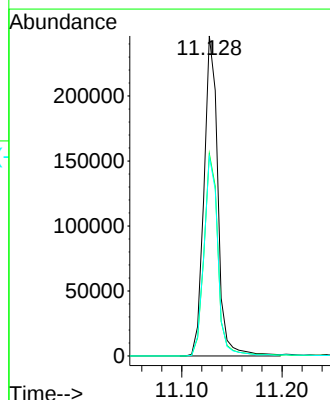
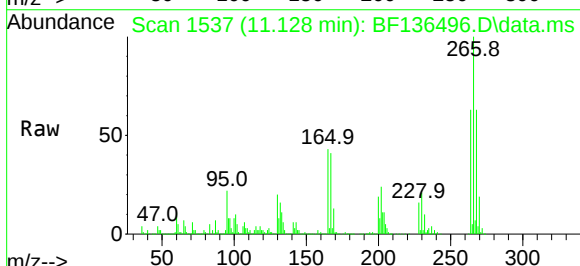
Tgt Ion:266 Resp: 238160

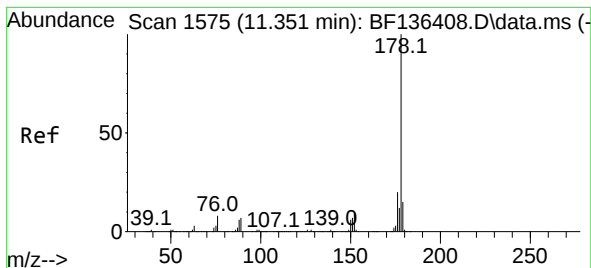
Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.6

264 62.5 52.2 78.4





#71

Phenanthrene

Concen: 39.009 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

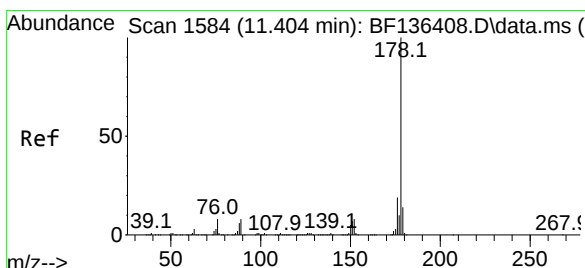
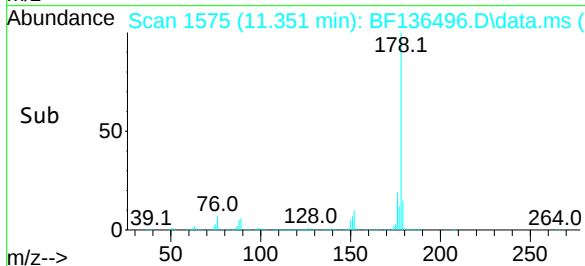
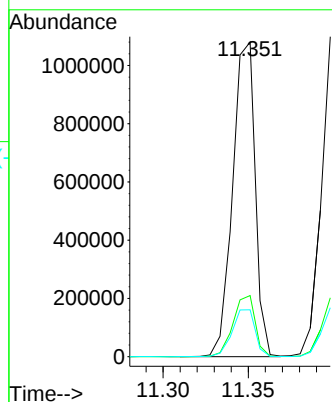
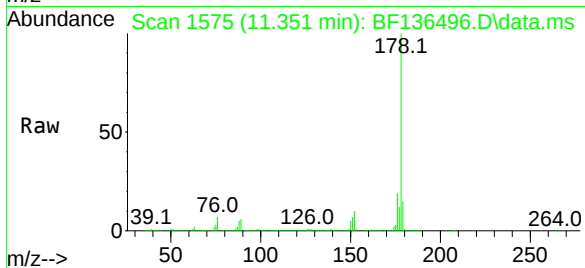
ClientSampleId :

MW-110MS

Tgt Ion:178 Resp: 996940
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 14.9 11.8 17.6

Manual Integrations
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Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#72

Anthracene

Concen: 39.865 ng

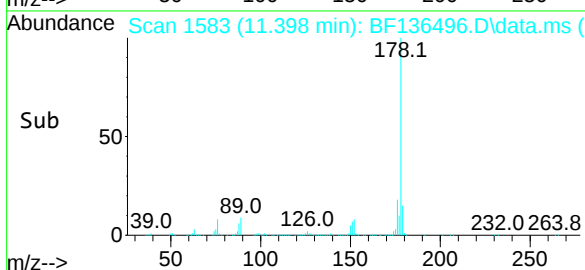
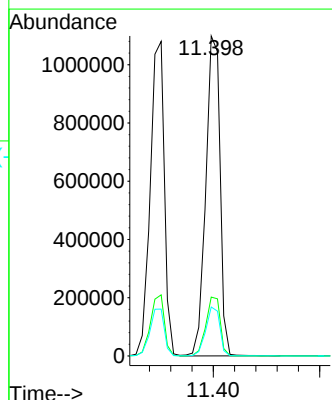
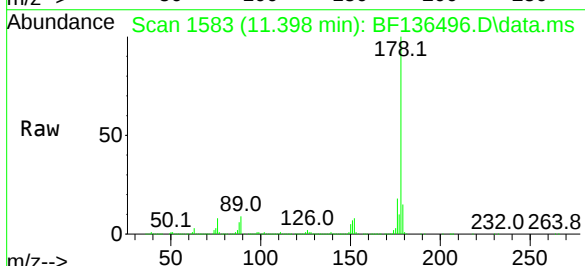
RT: 11.398 min Scan# 1583

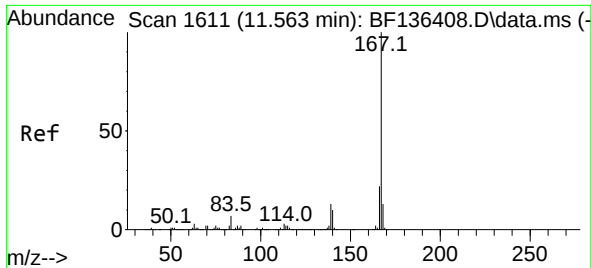
Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Tgt Ion:178 Resp: 1026182
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 15.3 11.4 17.0





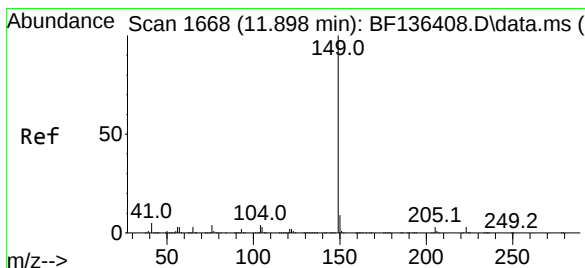
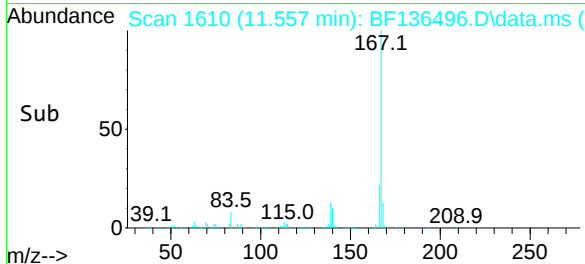
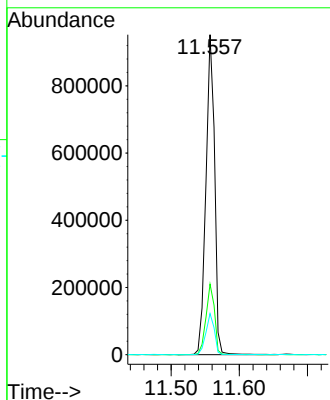
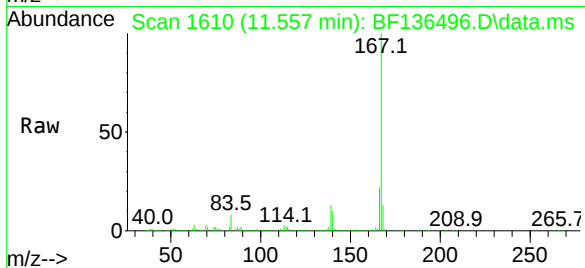
#73
Carbazole
Concen: 37.077 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :
BNA_F
ClientSampleId :
MW-110MS

Tgt Ion:167 Resp: 844722
Ion Ratio Lower Upper
167 100
166 22.0 18.0 27.0
139 12.8 10.2 15.4

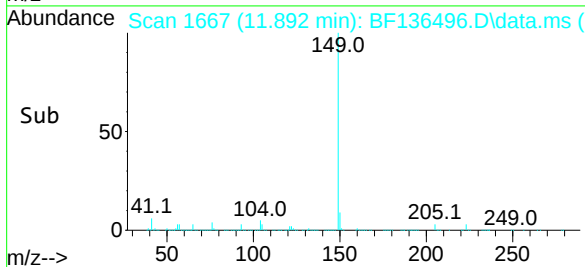
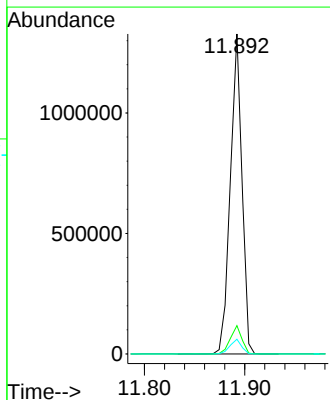
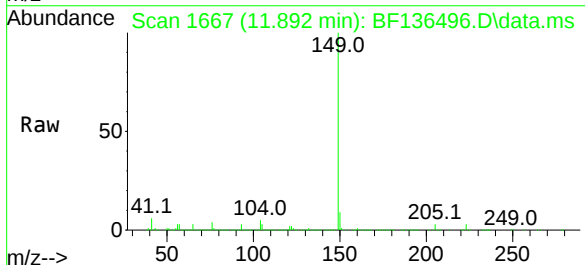
Manual Integrations
APPROVED

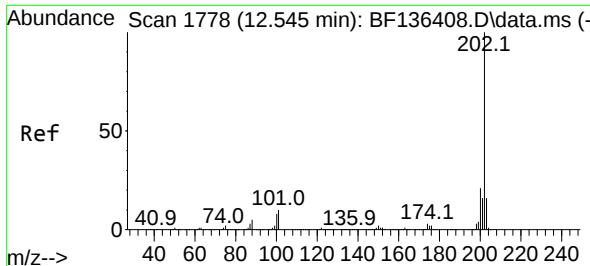
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#74
Di-n-butylphthalate
Concen: 38.044 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

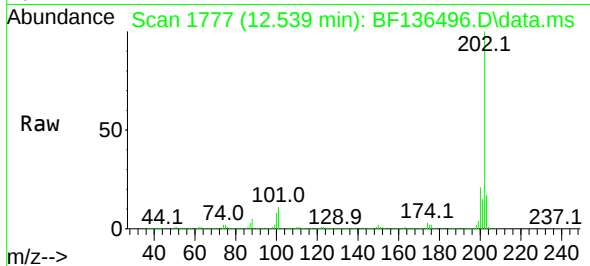
Tgt Ion:149 Resp: 1062573
Ion Ratio Lower Upper
149 100
150 8.9 6.9 10.3
104 4.6 3.5 5.3





#75
Fluoranthene
Concen: 33.632 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

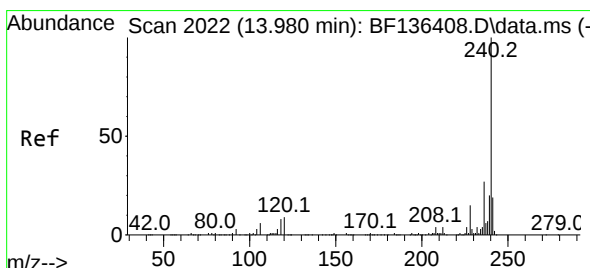
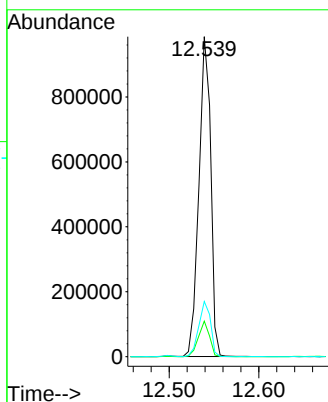
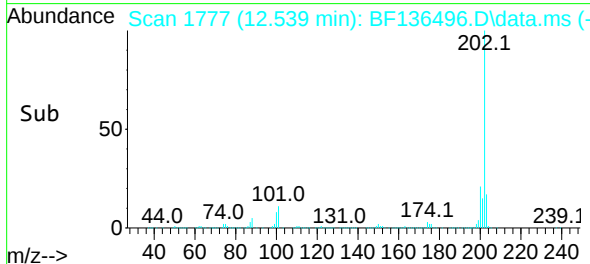
Instrument :
BNA_F
ClientSampleId :
MW-110MS



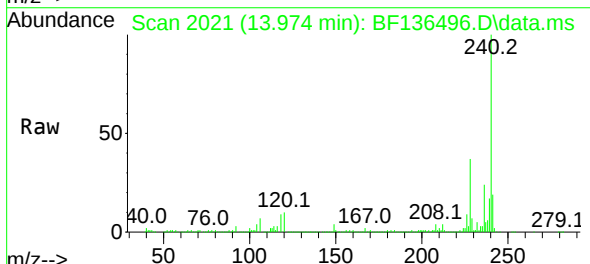
Tgt Ion:202 Resp: 900732
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.9
203 17.3 0.0 36.3

Manual Integrations
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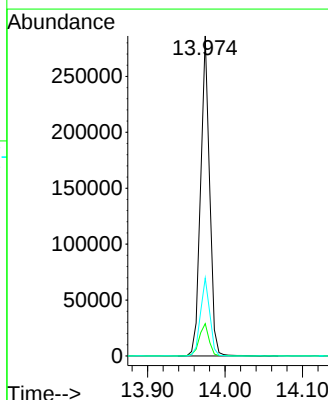
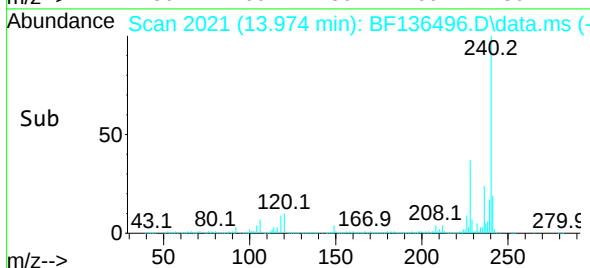
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

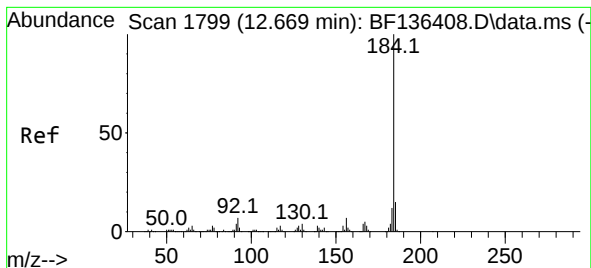


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



Tgt Ion:240 Resp: 230984
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 24.4 21.3 31.9





#77

Benzidine

Concen: 27.335 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:184 Resp: 11422

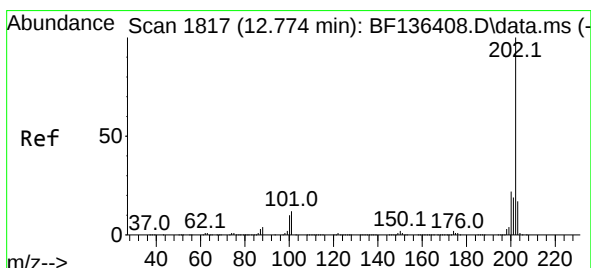
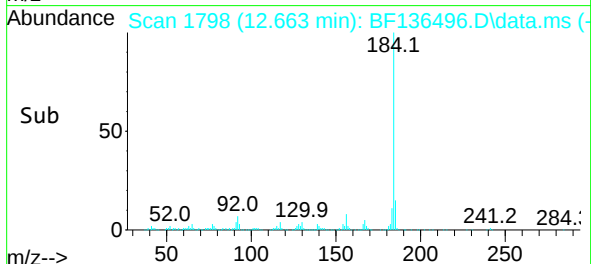
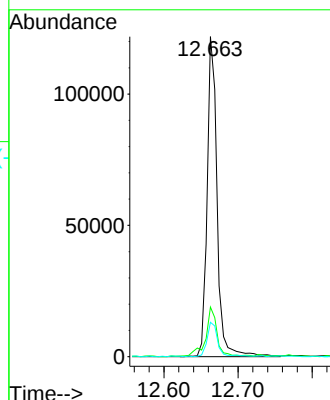
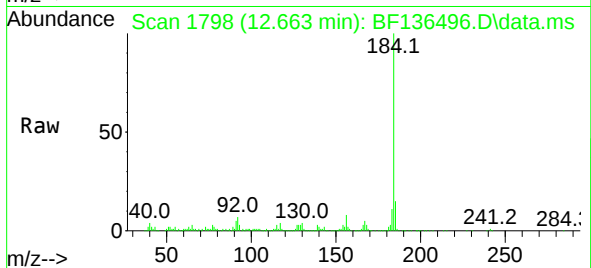
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.0	18.0
183	10.8	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#78

Pyrene

Concen: 39.266 ng

RT: 12.769 min Scan# 1816

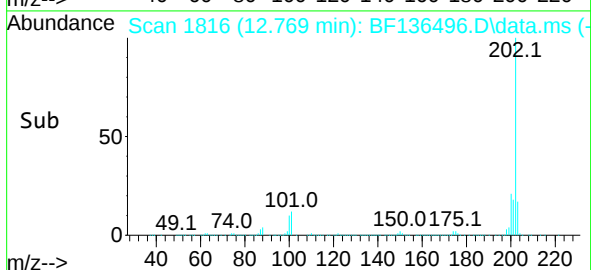
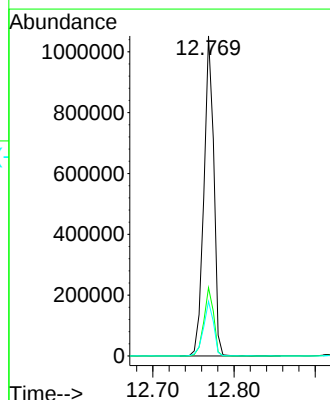
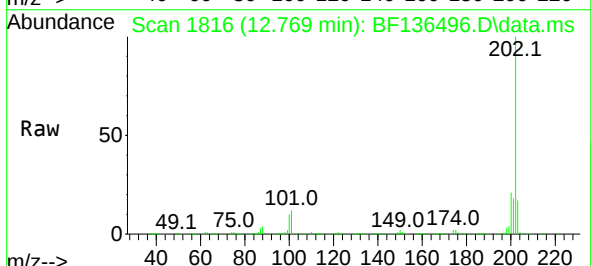
Delta R.T. -0.006 min

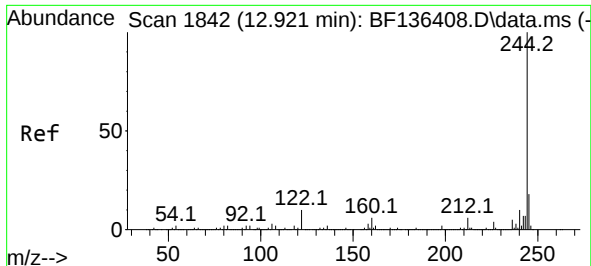
Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Tgt Ion:202 Resp: 888253

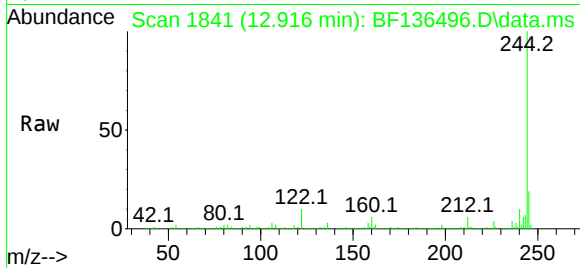
Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.0	27.0
203	17.0	13.5	20.3





#79
 Terphenyl-d14
 Concen: 65.790 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136496.D
 Acq: 11 Dec 2023 18:13

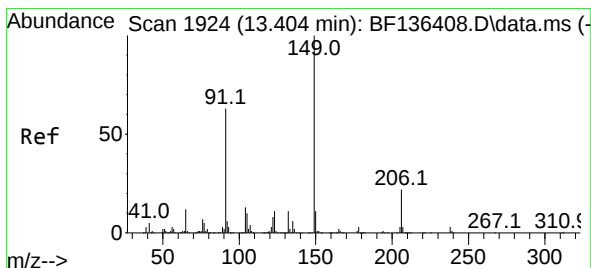
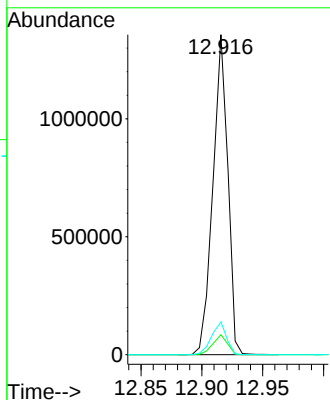
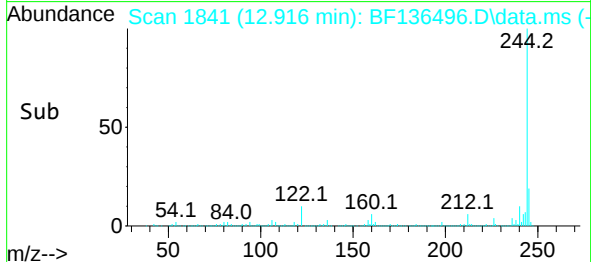
Instrument :
 BNA_F
 ClientSampleId :
 MW-110MS



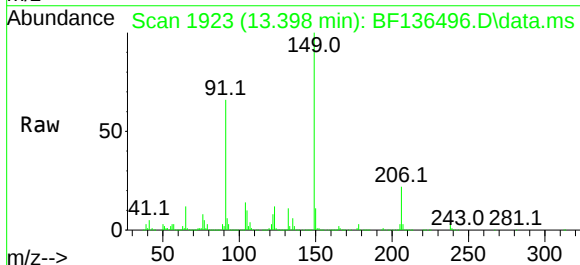
Tgt Ion:244 Resp: 1152949
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.3 8.3 12.5

Manual Integrations
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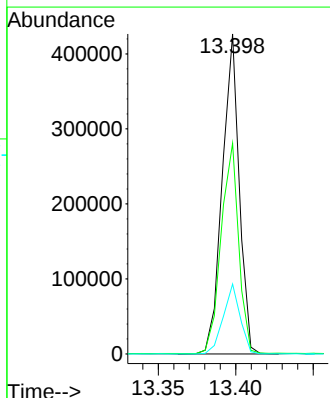
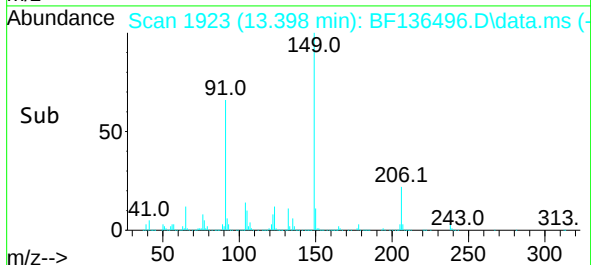
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

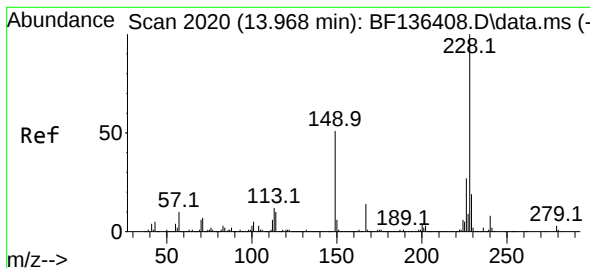


#80
 Butylbenzylphthalate
 Concen: 40.283 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136496.D
 Acq: 11 Dec 2023 18:13



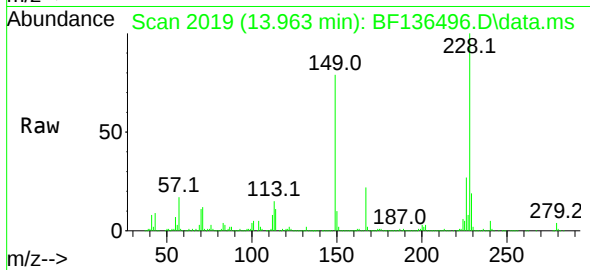
Tgt Ion:149 Resp: 324391
 Ion Ratio Lower Upper
 149 100
 91 65.9 50.5 75.7
 206 21.9 17.4 26.2





#81
Benzo(a)anthracene
Concen: 38.691 ng
RT: 13.963 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

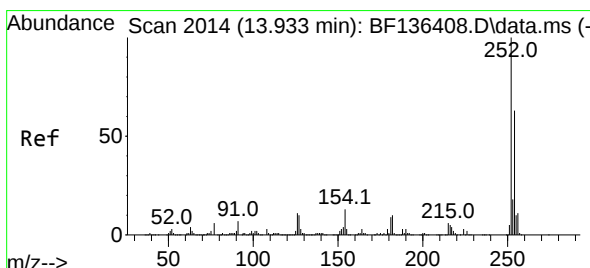
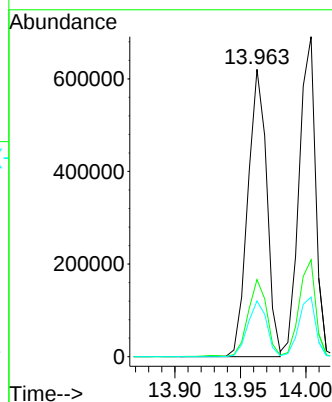
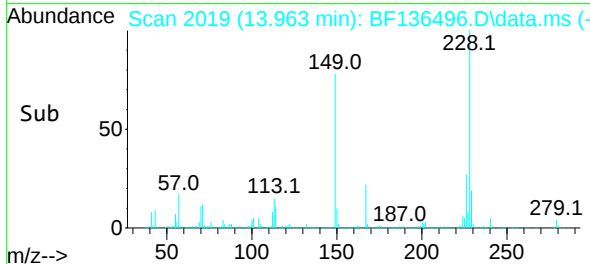
Instrument :
BNA_F
ClientSampleId :
MW-110MS



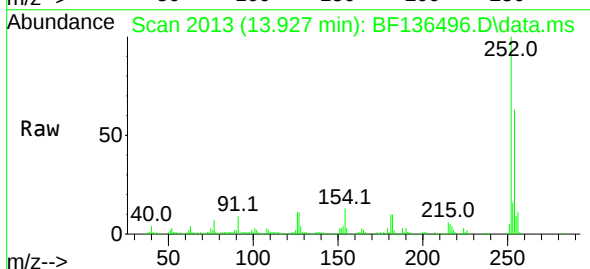
Tgt Ion:228 Resp: 622523
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.4 15.0 22.4

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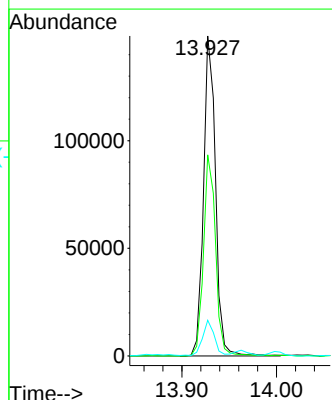
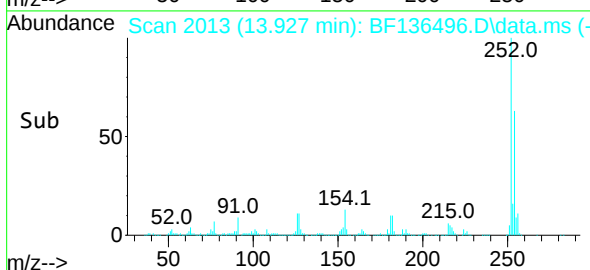
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 28.940 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



Tgt Ion:252 Resp: 130554
Ion Ratio Lower Upper
252 100
254 62.8 50.8 76.2
126 11.1 8.6 12.8





#83

Chrysene

Concen: 38.149 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:228 Resp: 603900

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

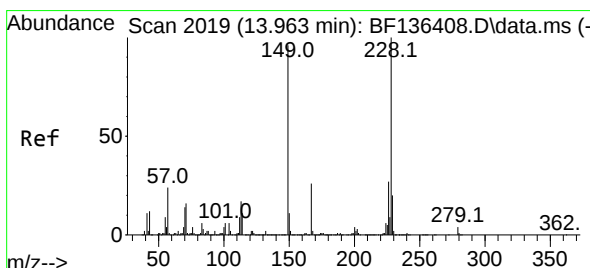
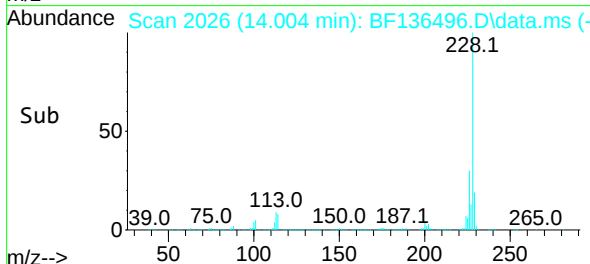
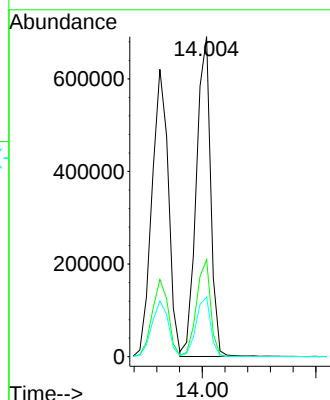
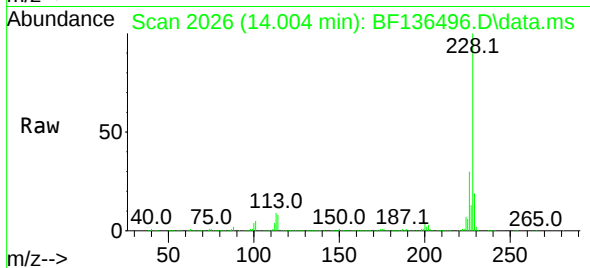
229 18.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.506 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

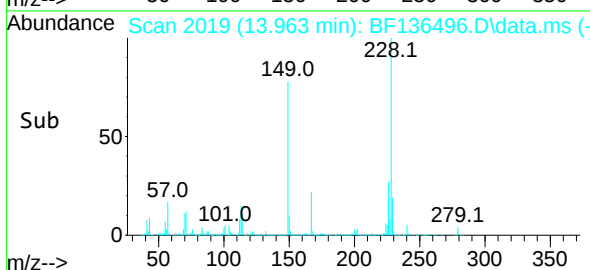
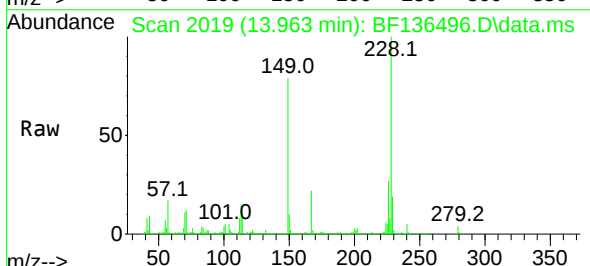
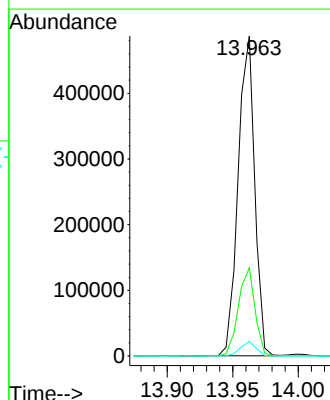
Tgt Ion:149 Resp: 429497

Ion Ratio Lower Upper

149 100

167 27.5 21.2 31.8

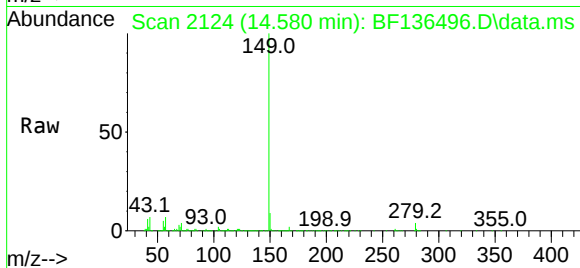
279 4.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 46.961 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

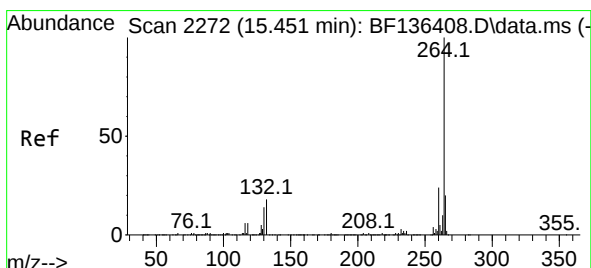
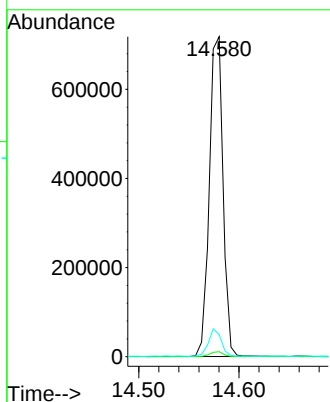
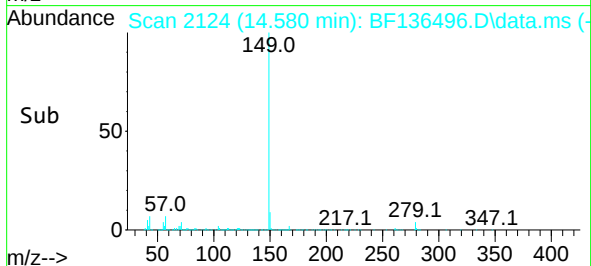
Instrument :
BNA_F
ClientSampleId :
MW-110MS



Tgt Ion:149 Resp: 684785
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.9 6.8 10.2

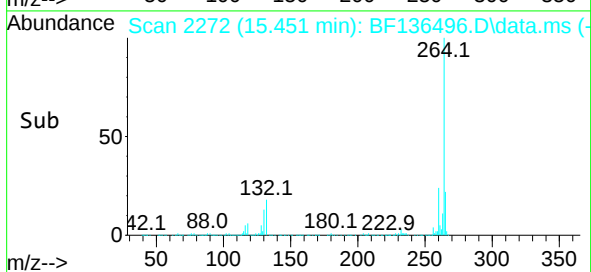
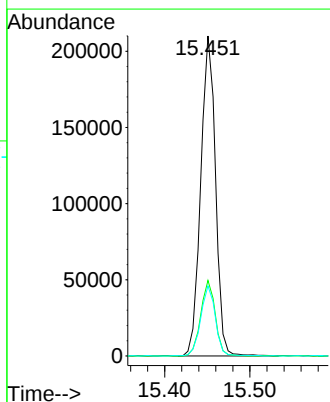
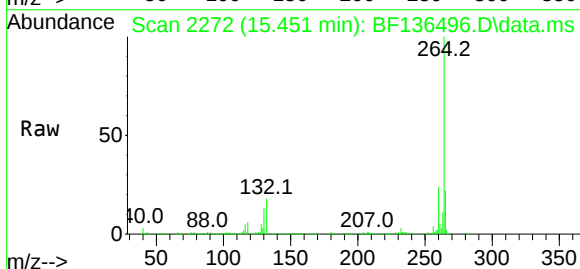
Manual Integrations
APPROVED

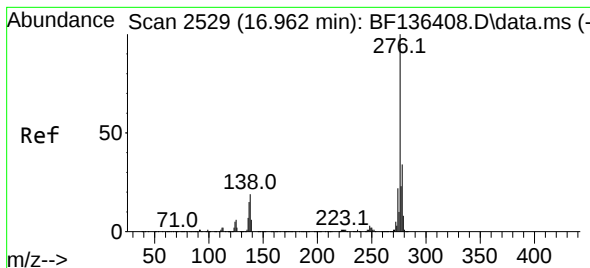
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:264 Resp: 253005
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.9 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.618 ng

RT: 16.957 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

ClientSampleId :

MW-110MS

Tgt Ion:276 Resp: 731518

Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.4

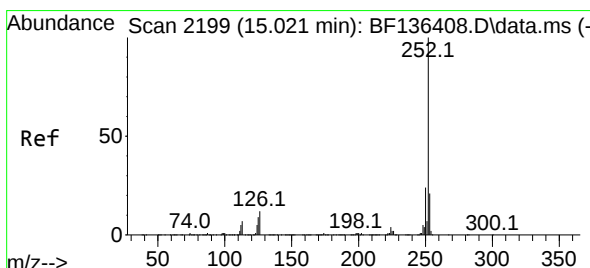
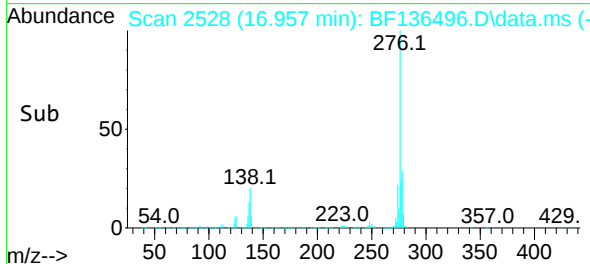
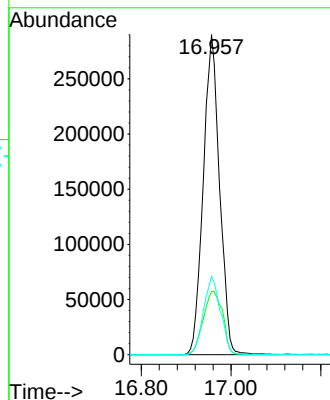
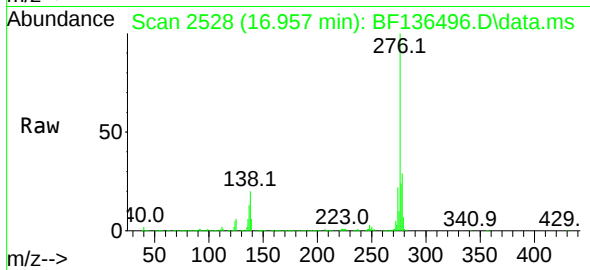
277 25.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#88

Benzo(b)fluoranthene

Concen: 35.681 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF136496.D

Acq: 11 Dec 2023 18:13

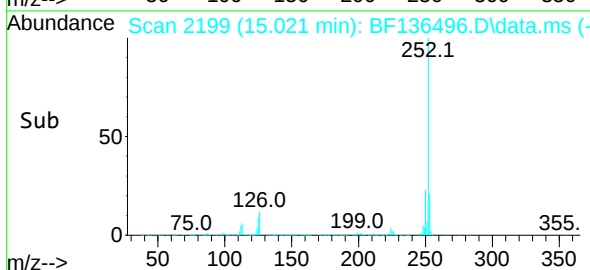
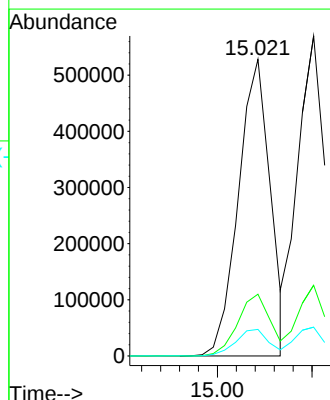
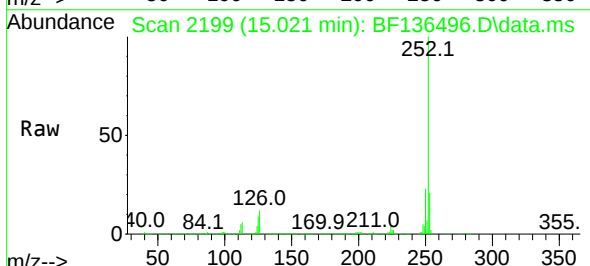
Tgt Ion:252 Resp: 617223

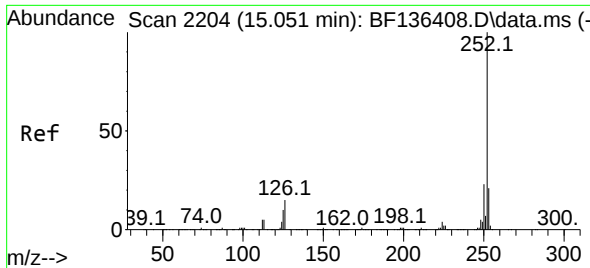
Ion Ratio Lower Upper

252 100

253 20.8 16.9 25.3

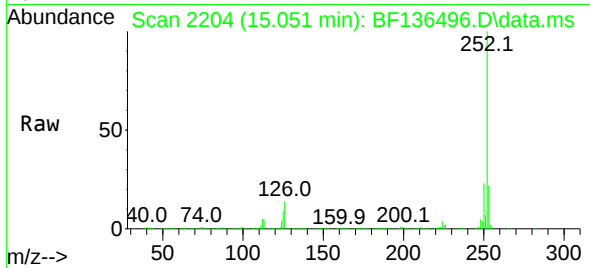
125 9.0 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 35.504 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

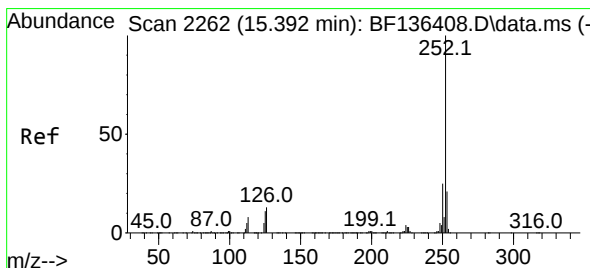
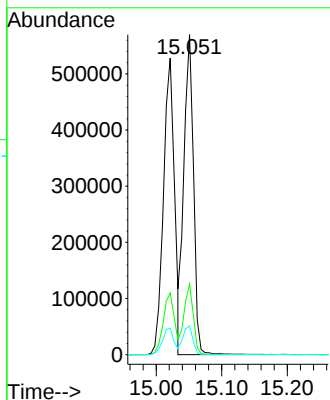
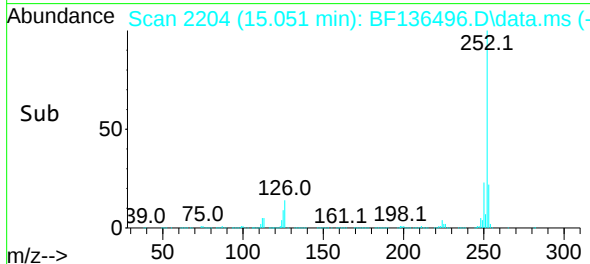
Instrument :
BNA_F
ClientSampleId :
MW-110MS



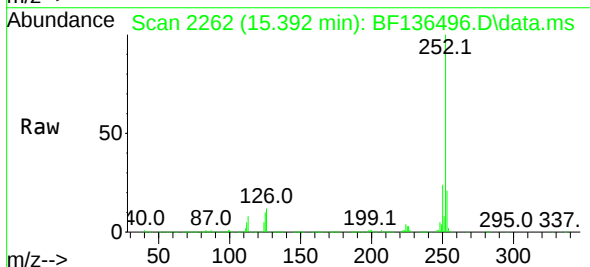
Tgt Ion:252 Resp: 578798
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 9.0 7.5 11.3

Manual Integrations
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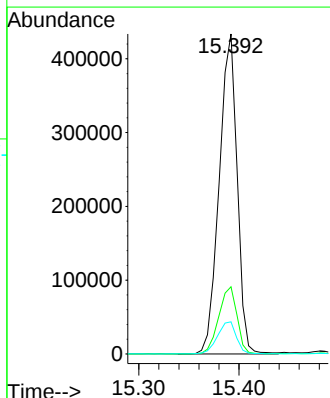
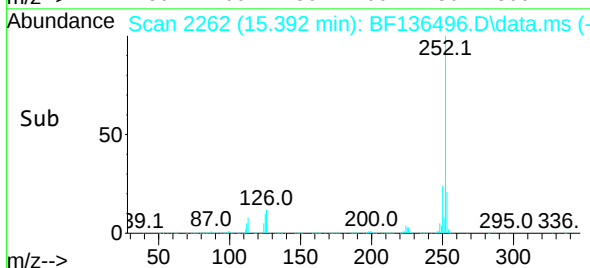
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

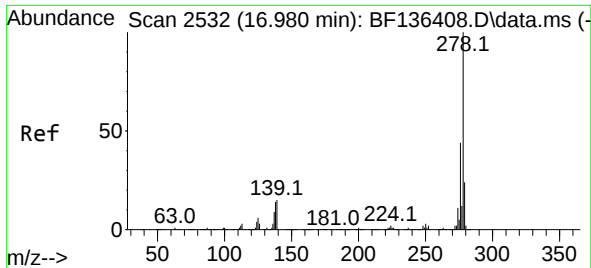


#90
Benzo(a)pyrene
Concen: 37.697 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13



Tgt Ion:252 Resp: 538540
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 10.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 42.423 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Instrument :

BNA_F

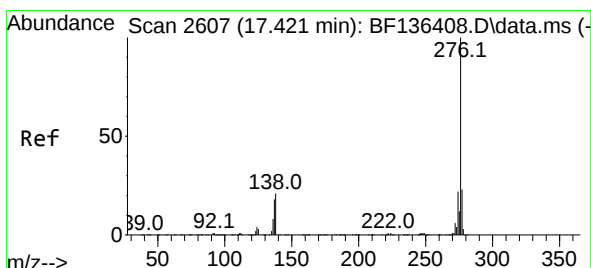
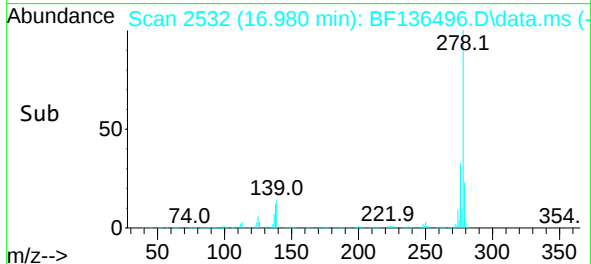
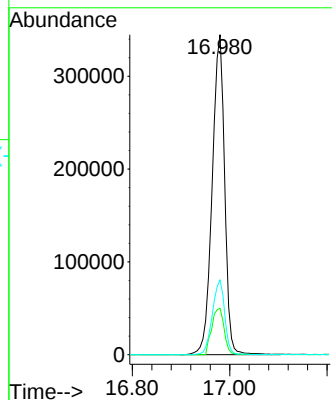
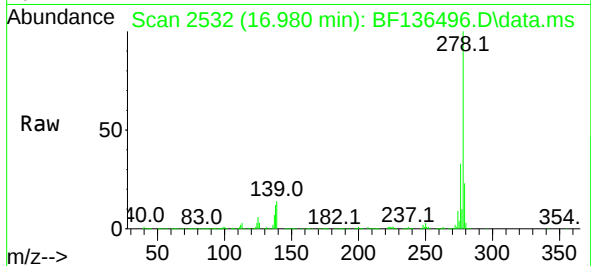
ClientSampleId :

MW-110MS

Tgt Ion:278 Resp: 61087
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 23.3 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#92
Benzo(g,h,i)perylene
Concen: 40.240 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136496.D
Acq: 11 Dec 2023 18:13

Tgt Ion:276 Resp: 594740
Ion Ratio Lower Upper
276 100
277 22.3 18.7 28.1
138 19.9 16.6 25.0

