

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136582.D
 Acq On : 14 Dec 2023 22:28
 Operator : CG\JU
 Sample : 05574-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WC04-01MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 00:40:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97289	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	375461	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	173696	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	282491	20.000	ng	0.00
76) Chrysene-d12	13.968	240	210731	20.000	ng	0.00
86) Perylene-d12	15.445	264	238696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	730969	110.960	ng	0.02
7) Phenol-d6	6.439	99	807594	98.257	ng	0.00
23) Nitrobenzene-d5	7.351	82	596099	85.829	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	243796	113.834	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1172221	92.086	ng	0.00
79) Terphenyl-d14	12.910	244	1096057	68.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	96827	37.161	ng	# 84
3) Pyridine	3.457	79	191261	30.310	ng	96
4) n-Nitrosodimethylamine	3.393	42	107468	39.201	ng	97
6) Aniline	6.457	93	80992	9.751	ng	# 1
8) 2-Chlorophenol	6.581	128	281231	39.104	ng	99
9) Benzaldehyde	6.345	77	90600	19.081	ng	91
10) Phenol	6.451	94	275295	31.477	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	266389	40.863	ng	97
12) 1,3-Dichlorobenzene	6.728	146	304849	37.692	ng	96
13) 1,4-Dichlorobenzene	6.804	146	313879	38.257	ng	99
14) 1,2-Dichlorobenzene	6.957	146	295677	38.324	ng	99
15) Benzyl Alcohol	6.939	79	228351	41.490	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	313706	37.415	ng	74
17) 2-Methylphenol	7.051	107	213124	36.681	ng	96
18) Hexachloroethane	7.292	117	107858	37.654	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	184466	38.906	ng	99
20) 3+4-Methylphenols	7.204	107	259459	35.977	ng	# 87
22) Acetophenone	7.198	105	407102	43.909	ng	# 95
24) Nitrobenzene	7.369	77	272135	38.950	ng	98
25) Isophorone	7.610	82	502655	40.284	ng	97
26) 2-Nitrophenol	7.686	139	148192	43.144	ng	93
27) 2,4-Dimethylphenol	7.728	122	203949	48.154	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	323784	42.229	ng	97
29) 2,4-Dichlorophenol	7.928	162	222176	39.743	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	265688	40.758	ng	97
31) Naphthalene	8.086	128	830410	40.106	ng	99
32) Benzoic acid	7.851	122	131162	31.218	ng	95
33) 4-Chloroaniline	8.139	127	31131	4.217	ng	98
34) Hexachlorobutadiene	8.204	225	155005	40.123	ng	98
35) Caprolactam	8.510	113	51583m	29.963	ng	
36) 4-Chloro-3-methylphenol	8.633	107	213127	35.906	ng	100
37) 2-Methylnaphthalene	8.781	142	520369	39.504	ng	94
38) 1-Methylnaphthalene	8.880	142	496586	38.418	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	263621	48.783	ng	98
41) Hexachlorocyclopentadiene	8.928	237	191297	95.552	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	149220	42.408	ng	98

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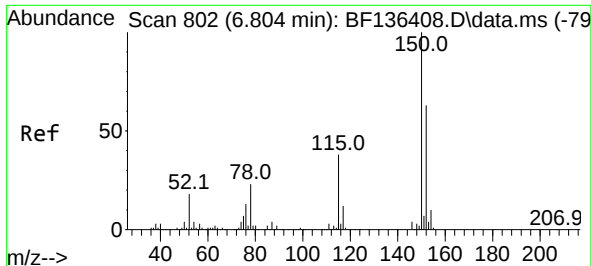
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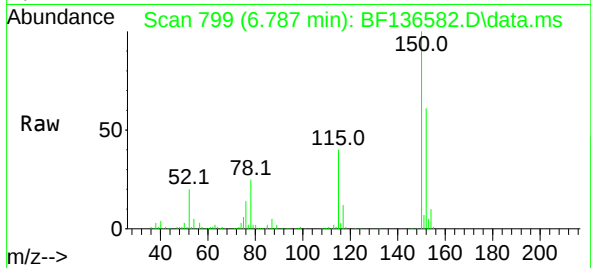
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	154842	39.428	ng	# 93
46) 1,1'-Biphenyl	9.245	154	672521	45.503	ng	98
47) 2-Chloronaphthalene	9.269	162	488933	42.503	ng	96
48) 2-Nitroaniline	9.369	65	123491	40.026	ng	95
49) Acenaphthylene	9.686	152	739838	45.148	ng	98
50) Dimethylphthalate	9.551	163	556282	43.500	ng	99
51) 2,6-Dinitrotoluene	9.610	165	119381	41.495	ng	94
52) Acenaphthene	9.857	154	434746	41.401	ng	95
53) 3-Nitroaniline	9.780	138	47802	16.271	ng	95
54) 2,4-Dinitrophenol	9.892	184	78746	54.136	ng	99
55) Dibenzofuran	10.027	168	649371	42.331	ng	98
56) 4-Nitrophenol	9.957	139	140253	63.683	ng	95
57) 2,4-Dinitrotoluene	10.016	165	149696	39.333	ng	94
58) Fluorene	10.375	166	490459	39.828	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	123632	39.302	ng	99
60) Diethylphthalate	10.251	149	510927	40.631	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	246874	41.124	ng	94
62) 4-Nitroaniline	10.398	138	93570	32.076	ng	96
63) Azobenzene	10.527	77	430623	37.623	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	62043	35.463	ng	80
66) n-Nitrosodiphenylamine	10.486	169	419735	46.305	ng	96
67) 4-Bromophenyl-phenylether	10.857	248	150096	45.700	ng	94
68) Hexachlorobenzene	10.922	284	169210	44.575	ng	94
69) Atrazine	11.022	200	136894	52.913	ng	98
70) Pentachlorophenol	11.122	266	194016	90.559	ng	96
71) Phenanthrene	11.339	178	686267	44.198	ng	99
72) Anthracene	11.392	178	684678	43.780	ng	98
73) Carbazole	11.551	167	585928	42.331	ng	98
74) Di-n-butylphthalate	11.880	149	732559	43.171	ng	99
75) Fluoranthene	12.533	202	691266	42.483	ng	98
78) Pyrene	12.763	202	701809	34.005	ng	98
80) Butylbenzylphthalate	13.386	149	288113	39.216	ng	93
81) Benzo(a)anthracene	13.957	228	628682	42.829	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	104391	25.365	ng	98
83) Chrysene	13.992	228	600648	41.591	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	401971	44.631	ng	99
85) Di-n-octyl phthalate	14.568	149	689692	51.843	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	634346	38.253	ng	99
88) Benzo(b)fluoranthene	15.010	252	631722	38.708	ng	99
89) Benzo(k)fluoranthene	15.039	252	621504	40.409	ng	99
90) Benzo(a)pyrene	15.380	252	561583	41.667	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	530957	39.083	ng	99
92) Benzo(g,h,i)perylene	17.398	276	474451	34.026	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

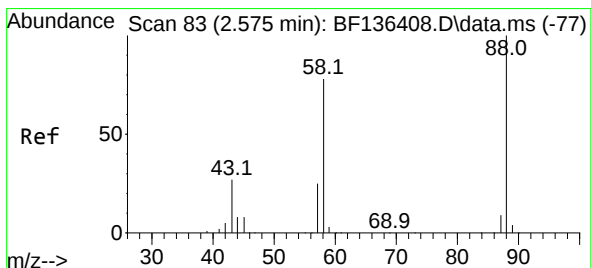
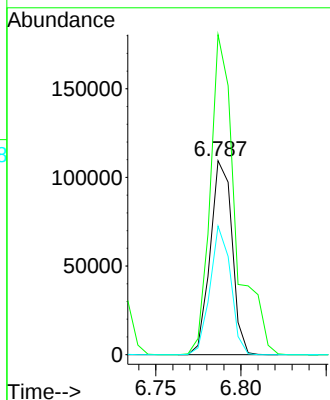
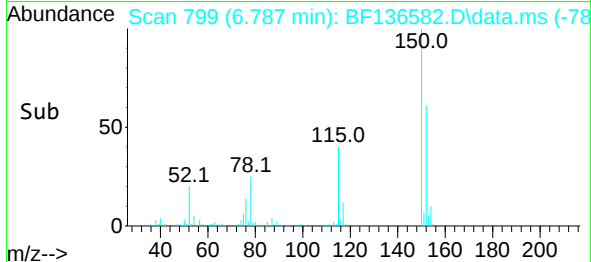
Instrument :
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ClientSampleId :
P001-WC04-01MSD



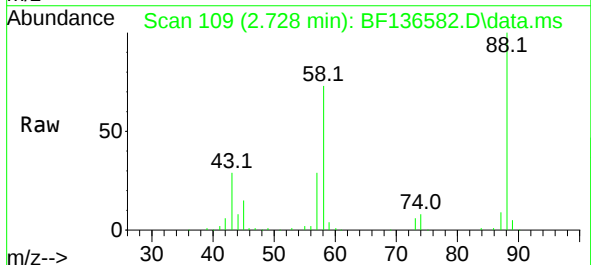
Tgt Ion:152 Resp: 97289
Ion Ratio Lower Upper
152 100
150 164.9 126.4 189.6
115 66.3 48.2 72.4

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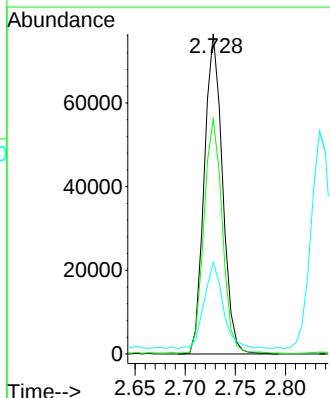
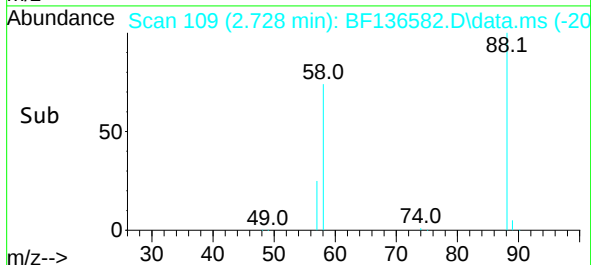
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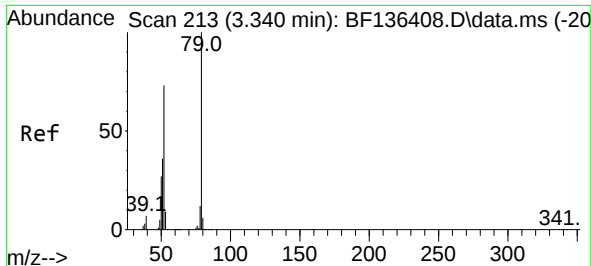


#2
1,4-Dioxane
Concen: 37.161 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.176 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



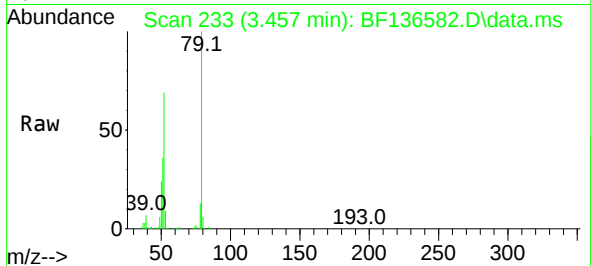
Tgt Ion: 88 Resp: 96827
Ion Ratio Lower Upper
88 100
58 74.8 62.2 93.2
43 0.0 21.5 32.3





#3
Pyridine
Concen: 30.310 ng
RT: 3.457 min Scan# 213
Delta R.T. 0.147 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

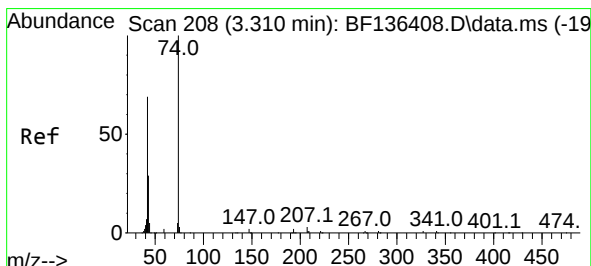
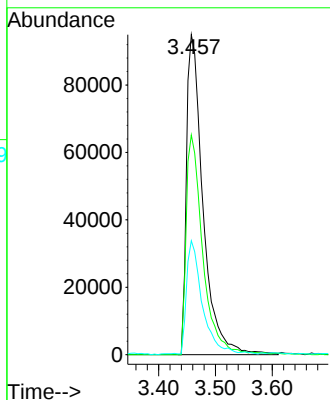
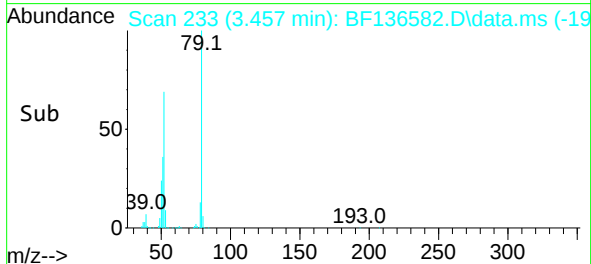
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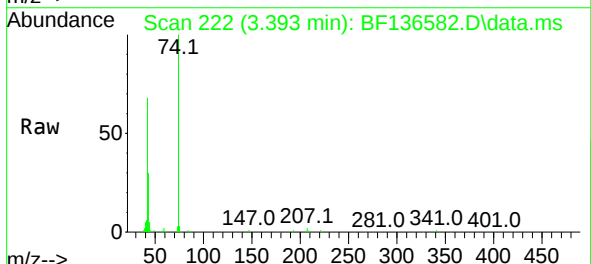
Tgt Ion: 79 Resp: 19126
Ion Ratio Lower Upper
79 100
52 68.7 58.2 87.2
51 35.6 29.1 43.7

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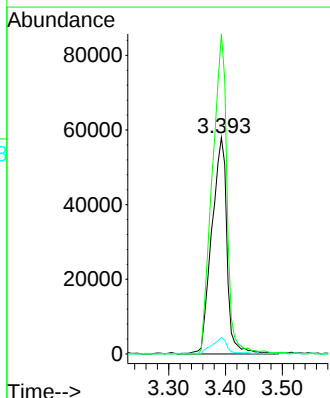
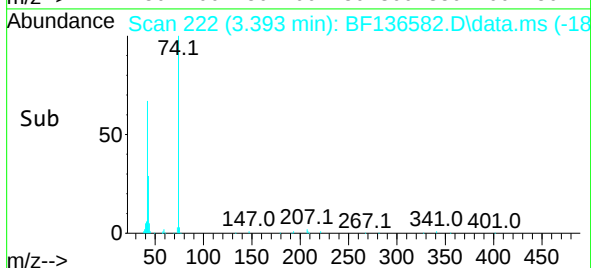
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

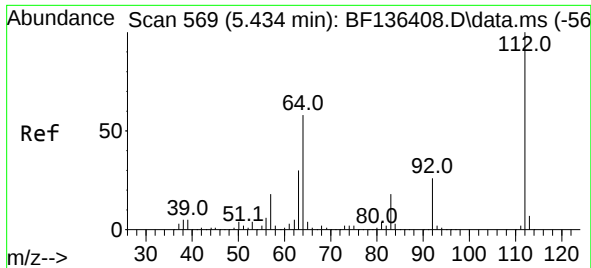


#4
n-Nitrosodimethylamine
Concen: 39.201 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.106 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



Tgt Ion: 42 Resp: 107468
Ion Ratio Lower Upper
42 100
74 147.8 115.4 173.0
44 7.7 6.2 9.2





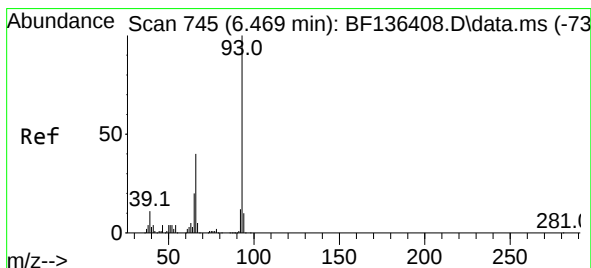
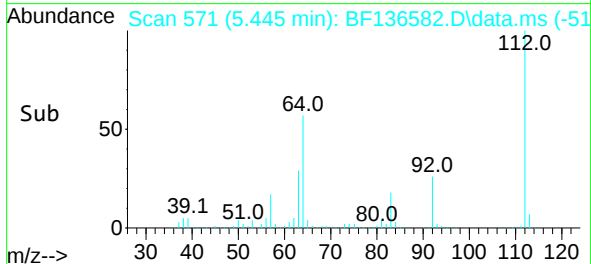
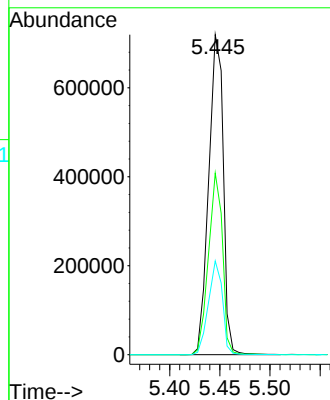
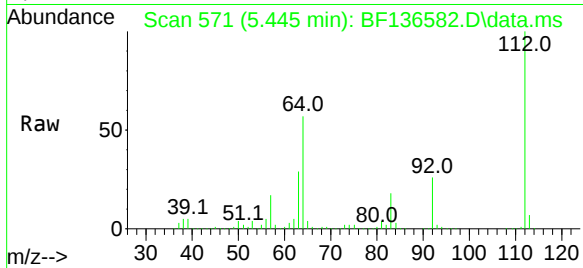
#5
2-Fluorophenol
Concen: 110.960 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

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P001-WC04-01MSD

Tgt Ion:112 Resp: 73096
Ion Ratio Lower Upper
112 100
64 56.7 46.5 69.7
63 29.3 23.9 35.9

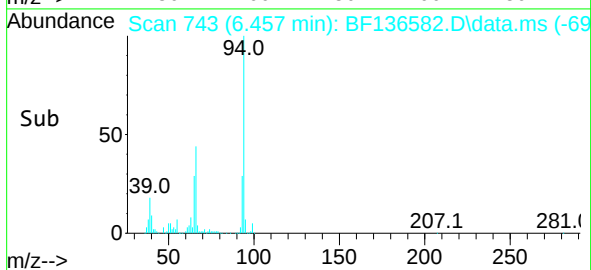
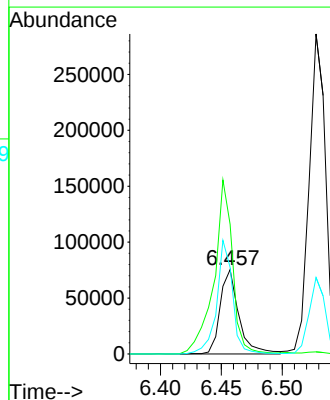
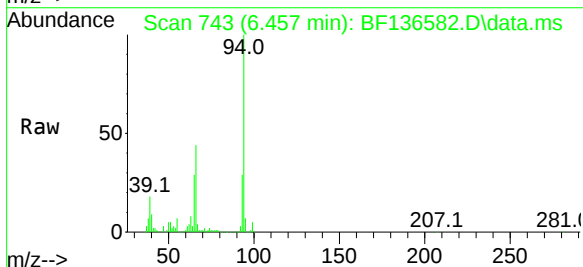
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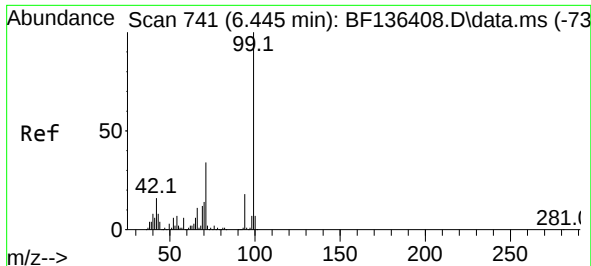
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#6
Aniline
Concen: 9.751 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Tgt Ion: 93 Resp: 80992
Ion Ratio Lower Upper
93 100
66 153.7 32.5 48.7#
65 102.7 16.4 24.6#





#7

Phenol-d6

Concen: 98.257 ng

RT: 6.439 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136582.D

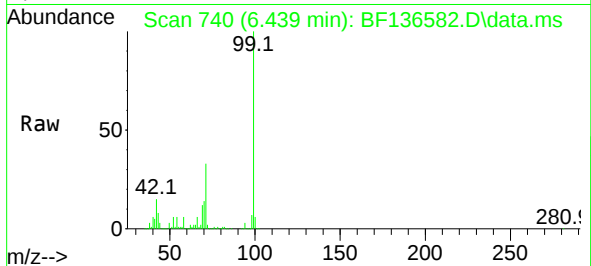
Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD



Tgt Ion: 99 Resp: 807594

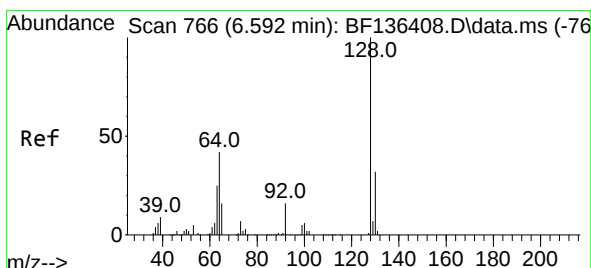
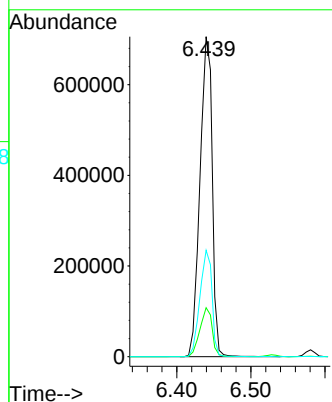
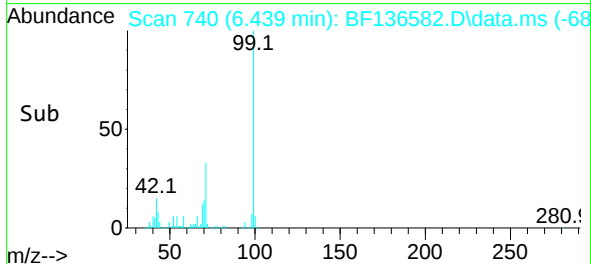
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	33.2	27.0	40.4

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#8

2-Chlorophenol

Concen: 39.104 ng

RT: 6.581 min Scan# 764

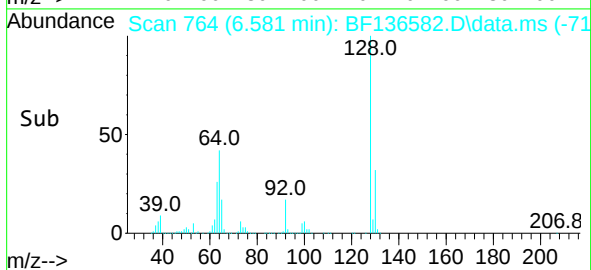
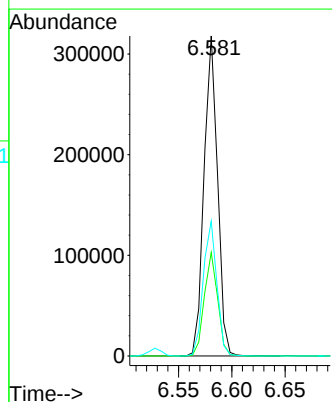
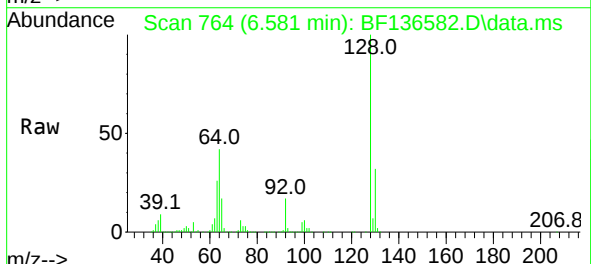
Delta R.T. -0.000 min

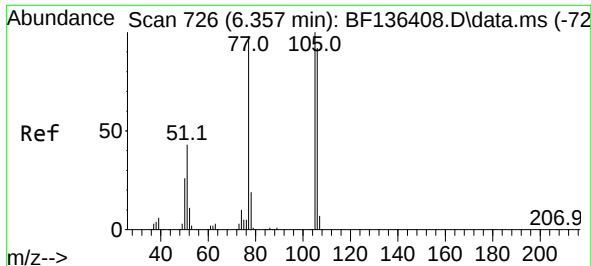
Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Tgt Ion:128 Resp: 281231

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.7	51.7
64	42.1	22.5	62.5





#9

Benzaldehyde

Concen: 19.081 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136582.D

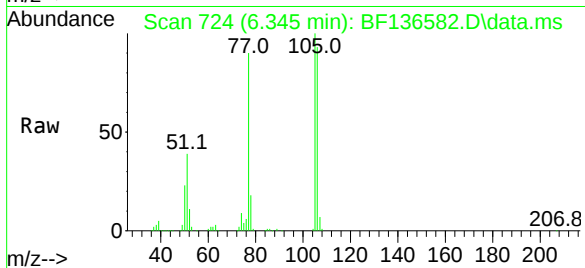
Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD



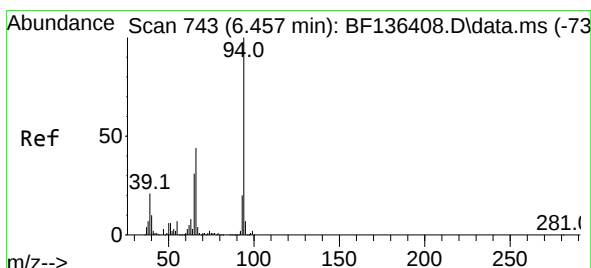
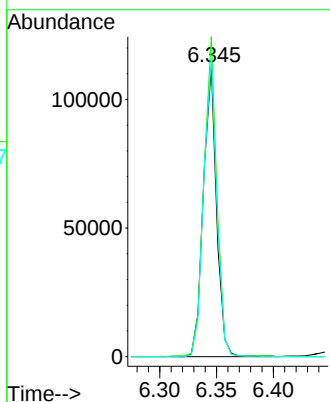
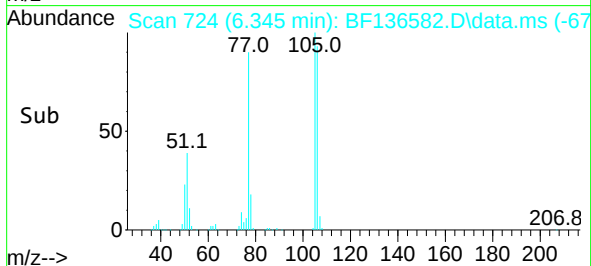
Tgt Ion: 77	Resp: 90600
Ion Ratio	Lower Upper
77	100
105	110.6 82.5 122.5
106	103.3 74.5 114.5

Manual Integrations

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Supervised By :mohammad ahmed 12/15/2023



#10

Phenol

Concen: 31.477 ng

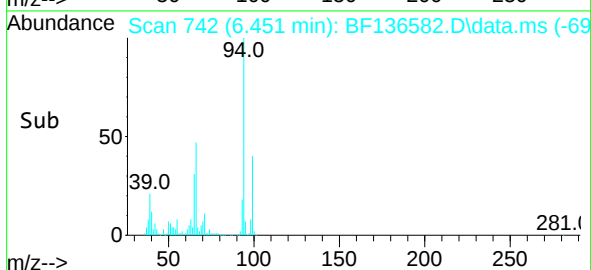
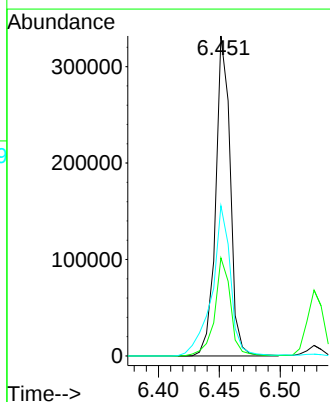
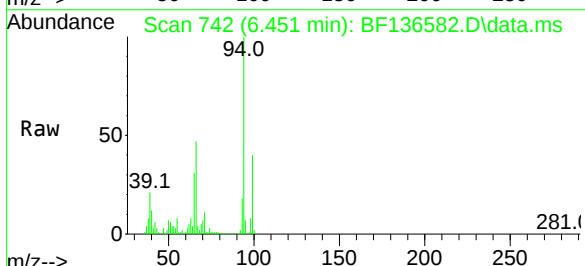
RT: 6.451 min Scan# 742

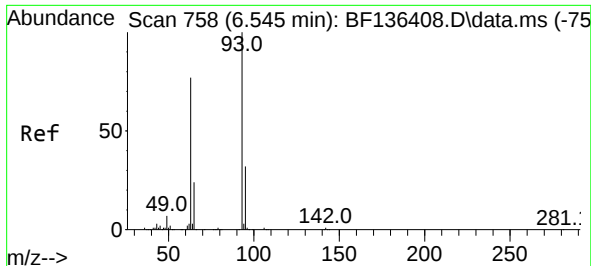
Delta R.T. 0.006 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

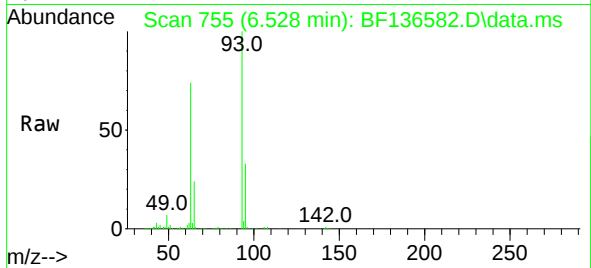
Tgt Ion: 94	Resp: 275295
Ion Ratio	Lower Upper
94	100
65	30.6 11.2 51.2
66	46.9 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 40.863 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

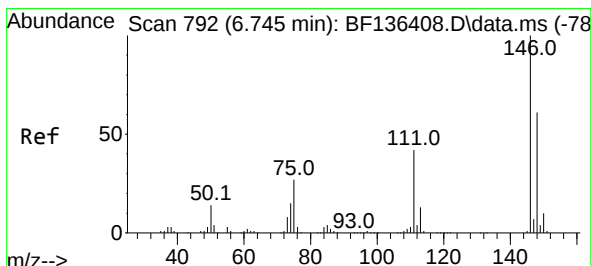
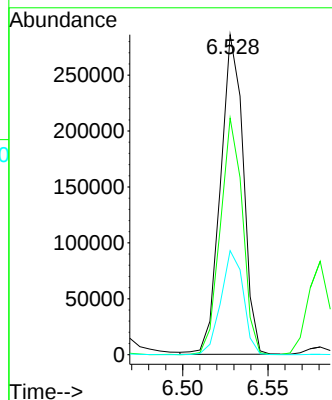
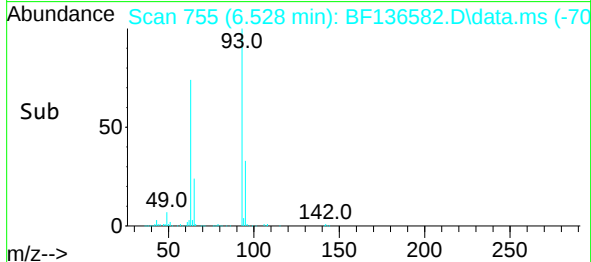
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion: 93 Resp: 266389
Ion Ratio Lower Upper
93 100
63 73.9 56.8 96.8
95 32.5 11.8 51.8

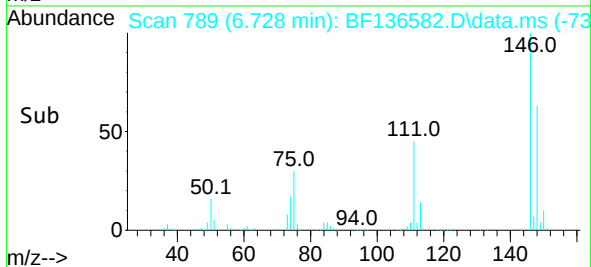
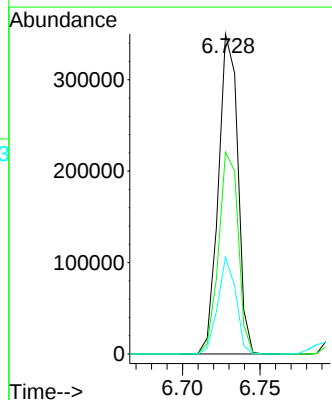
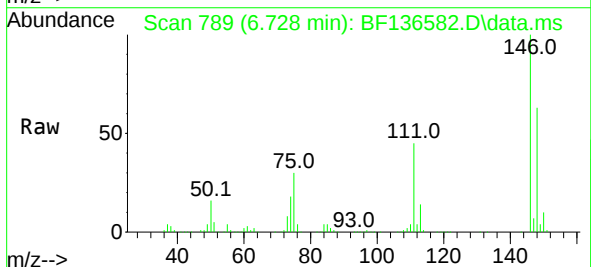
Manual Integrations
APPROVED

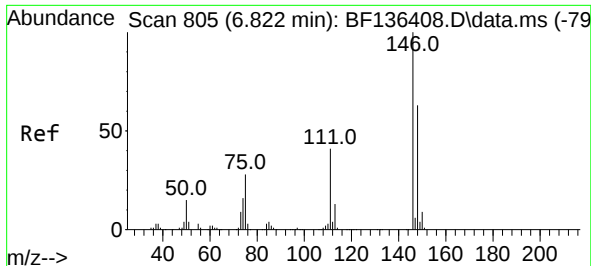
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#12
1,3-Dichlorobenzene
Concen: 37.692 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Tgt Ion:146 Resp: 304849
Ion Ratio Lower Upper
146 100
148 63.1 49.0 73.6
75 30.3 21.8 32.6





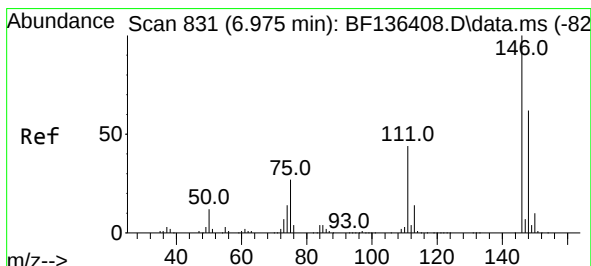
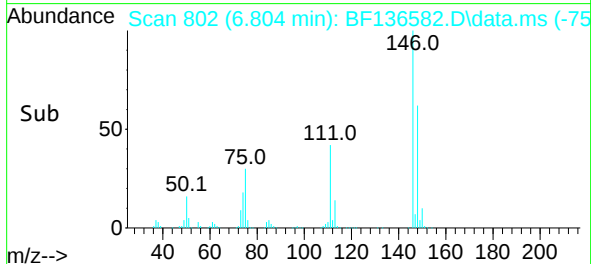
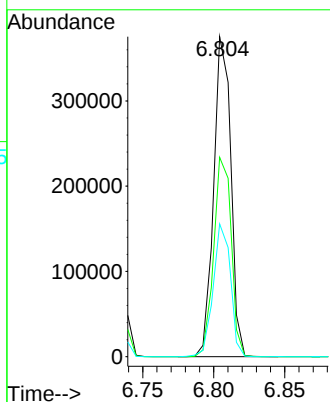
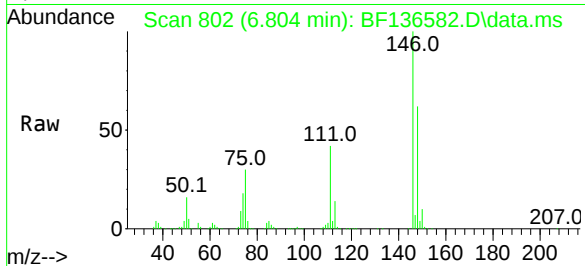
#13
1,4-Dichlorobenzene
Concen: 38.257 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

Tgt Ion:146 Resp: 313879
Ion Ratio Lower Upper
146 100
148 62.3 50.3 75.5
111 41.5 32.6 49.0

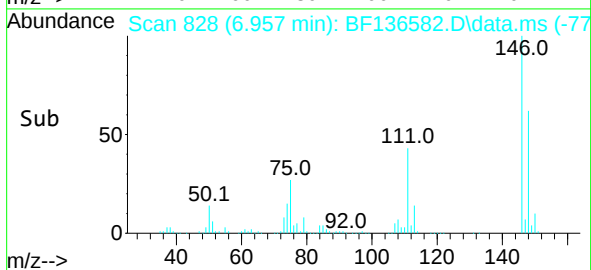
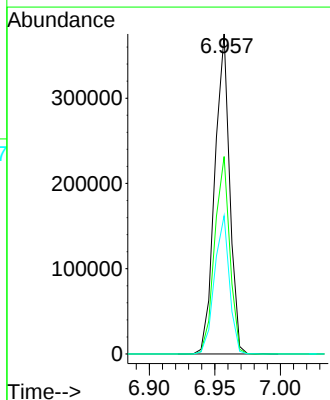
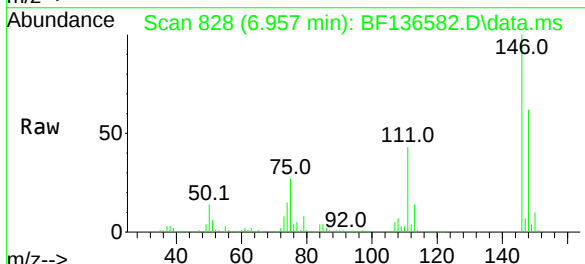
Manual Integrations
APPROVED

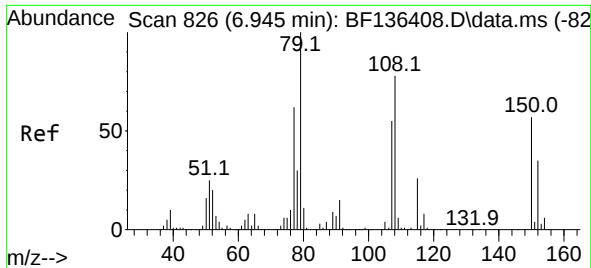
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#14
1,2-Dichlorobenzene
Concen: 38.324 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

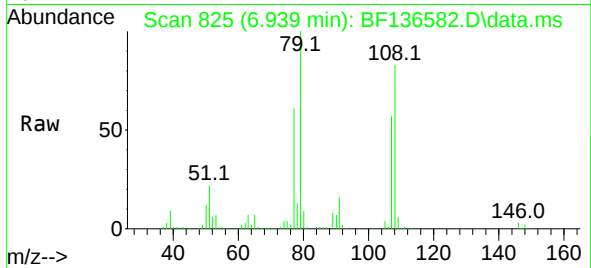
Tgt Ion:146 Resp: 295677
Ion Ratio Lower Upper
146 100
148 61.7 49.8 74.6
111 43.2 34.9 52.3





#15
Benzyl Alcohol
Concen: 41.490 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

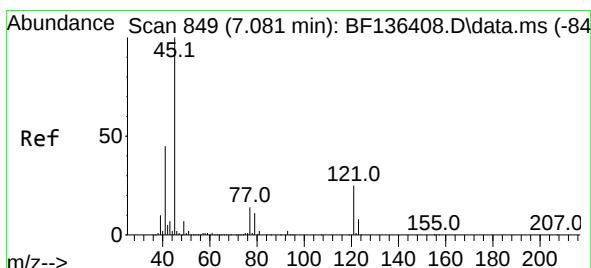
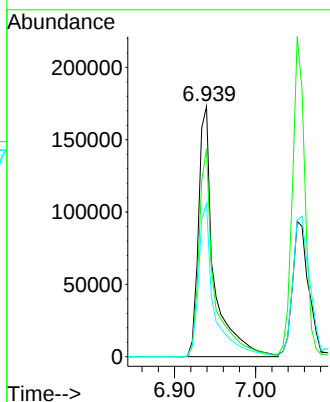
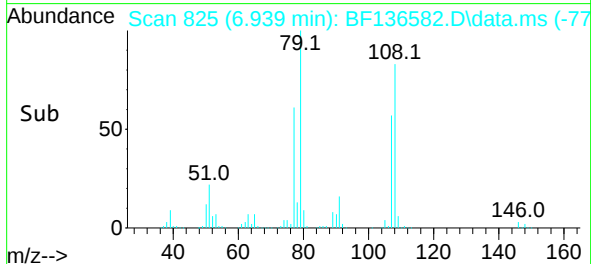
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion: 79 Resp: 22835
Ion Ratio Lower Upper
79 100
108 82.9 62.3 93.5
77 61.1 49.8 74.8

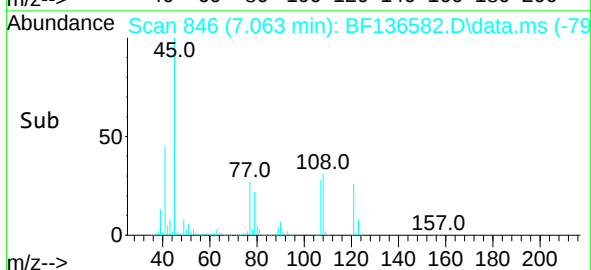
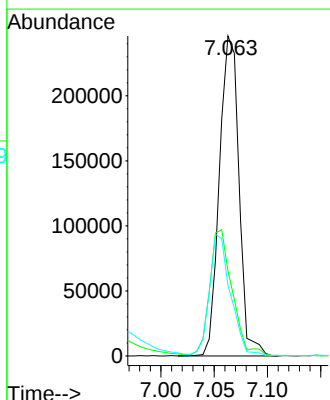
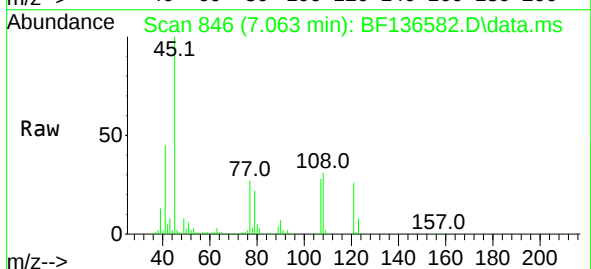
Manual Integrations
APPROVED

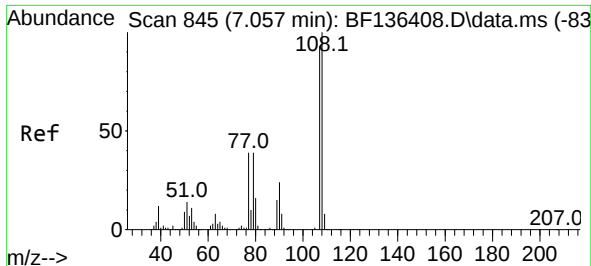
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.415 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

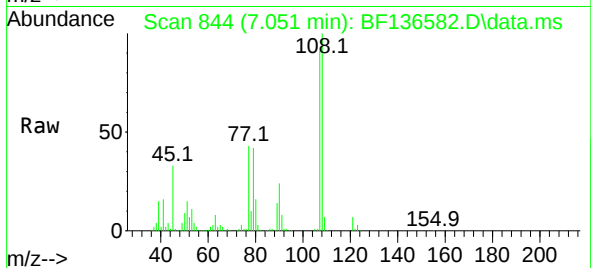
Tgt Ion: 45 Resp: 313706
Ion Ratio Lower Upper
45 100
77 26.6 0.0 35.3
79 22.1 0.0 32.5





#17
2-Methylphenol
Concen: 36.681 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

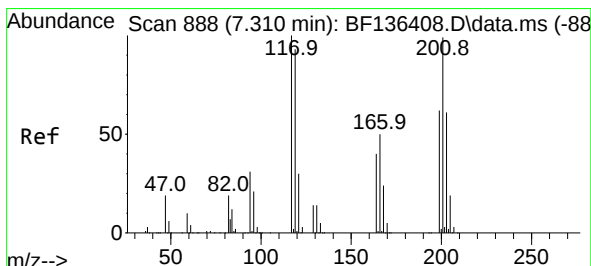
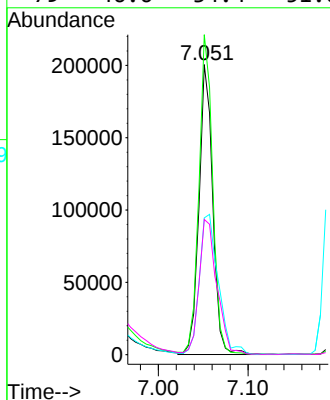
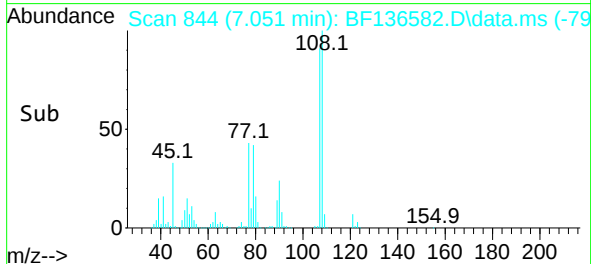
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion:107 Resp: 213124
Ion Ratio Lower Upper
107 100
108 110.3 86.5 129.7
77 47.2 33.8 50.8
79 46.6 34.4 51.6

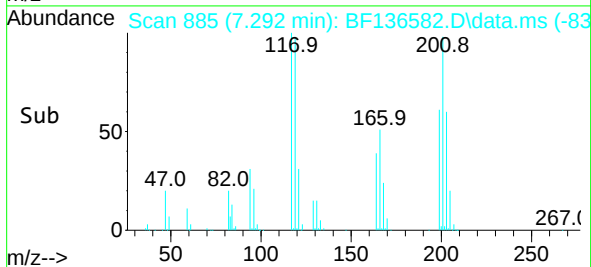
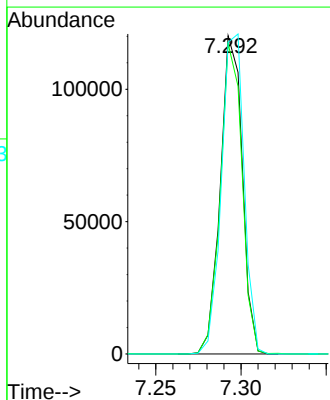
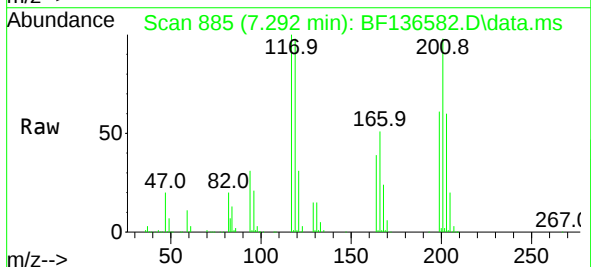
Manual Integrations
APPROVED

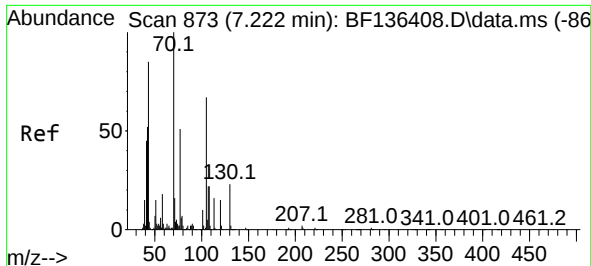
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#18
Hexachloroethane
Concen: 37.654 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

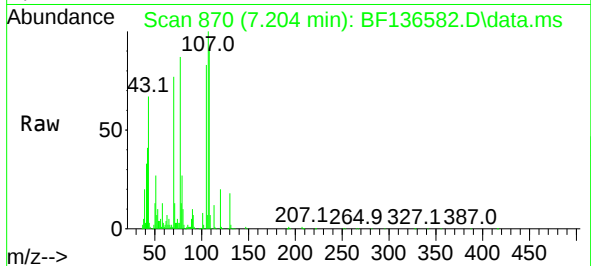
Tgt Ion:117 Resp: 107858
Ion Ratio Lower Upper
117 100
119 97.6 74.3 111.5
201 98.0 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 38.906 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

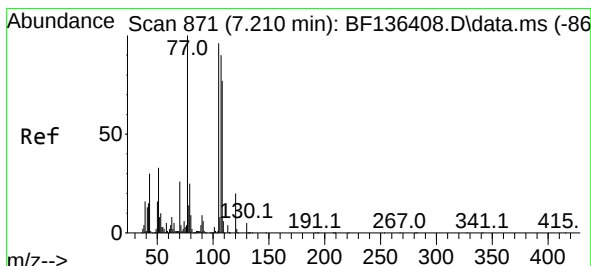
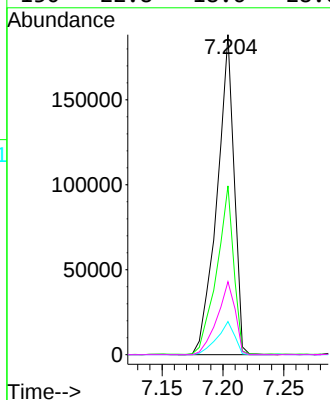
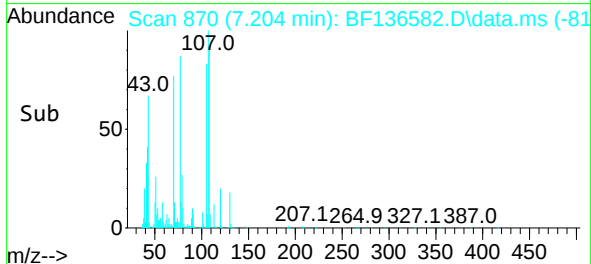
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



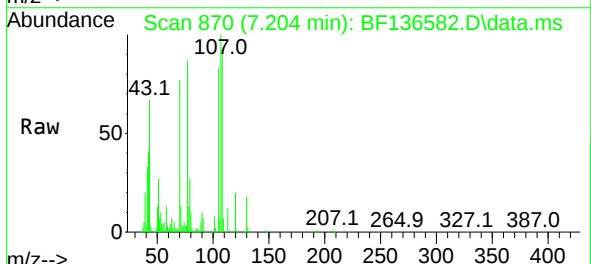
Tgt Ion: 70 Resp: 184460
Ion Ratio Lower Upper
70 100
42 52.8 41.4 62.0
101 10.3 8.2 12.4
130 22.8 18.6 28.0

Manual Integrations
APPROVED

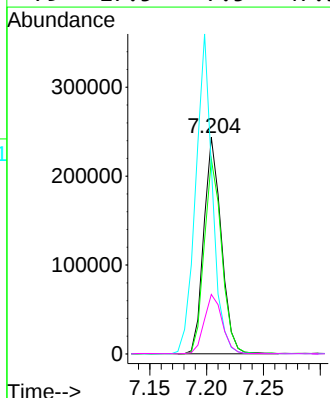
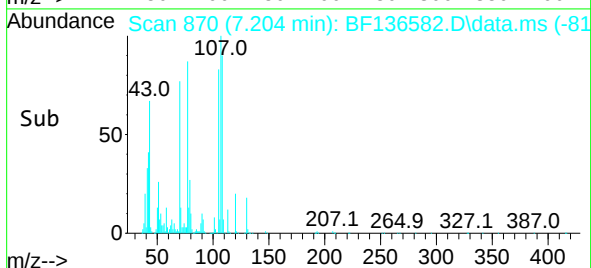
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

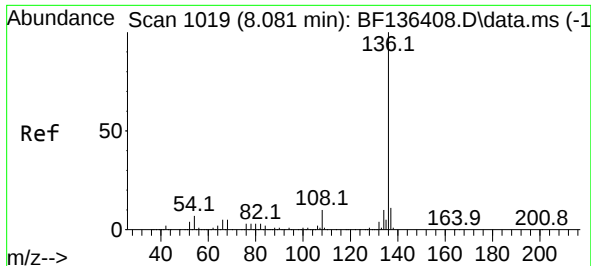


#20
3+4-Methylphenols
Concen: 35.977 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



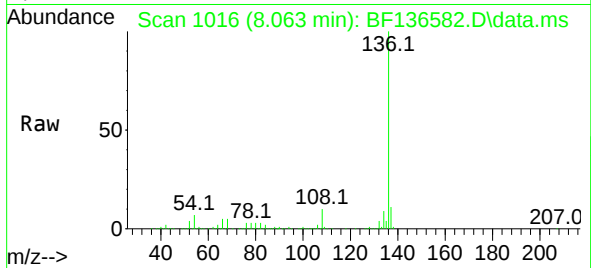
Tgt Ion:107 Resp: 259459
Ion Ratio Lower Upper
107 100
108 89.9 65.9 105.9
77 86.7 91.7 131.7#
79 27.5 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

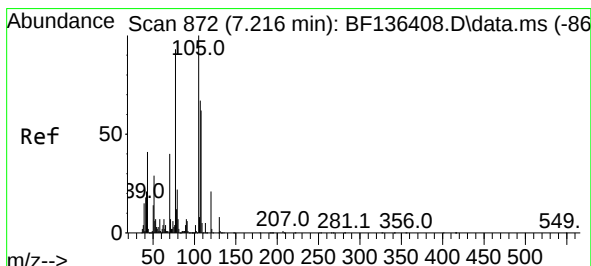
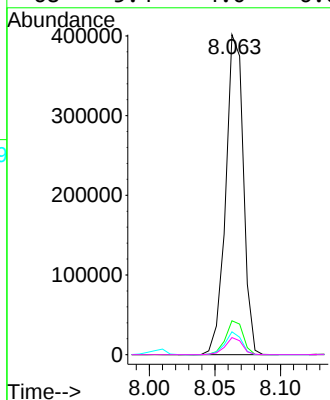
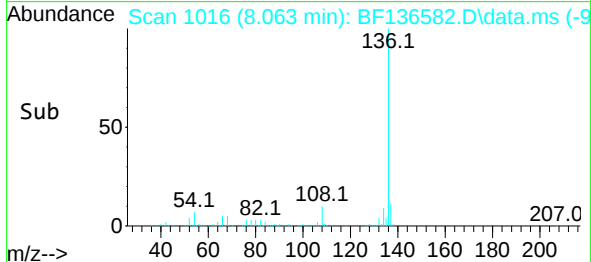
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



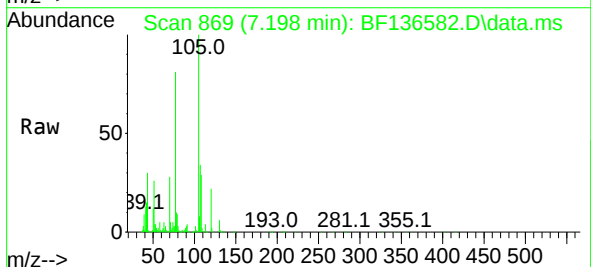
Tgt Ion:136 Resp: 37546
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.1 5.7 8.5
68 5.4 4.0 6.0

Manual Integrations
APPROVED

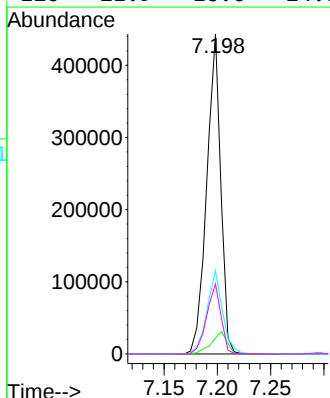
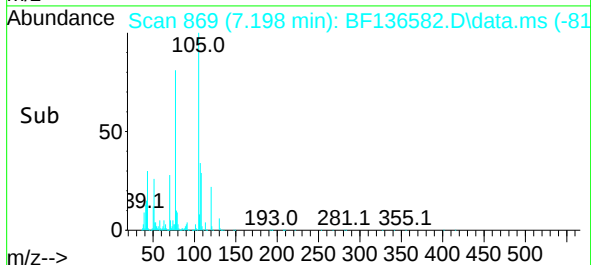
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

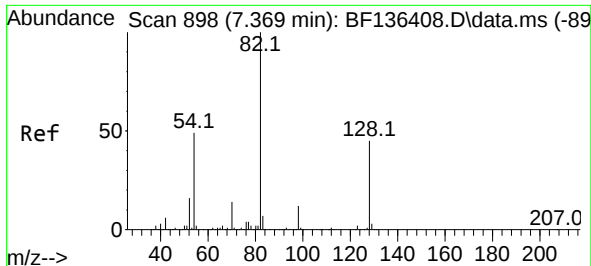


#22
Acetophenone
Concen: 43.909 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



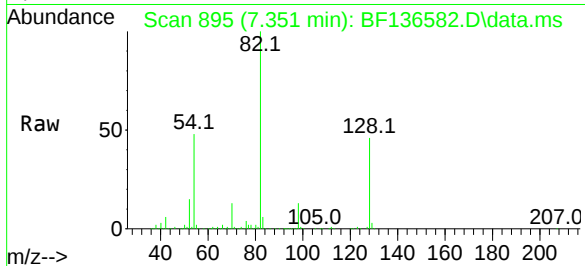
Tgt Ion:105 Resp: 407102
Ion Ratio Lower Upper
105 100
71 5.0 5.4 8.0#
51 26.0 23.4 35.2
120 21.9 16.6 24.8





#23
Nitrobenzene-d5
Concen: 85.829 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

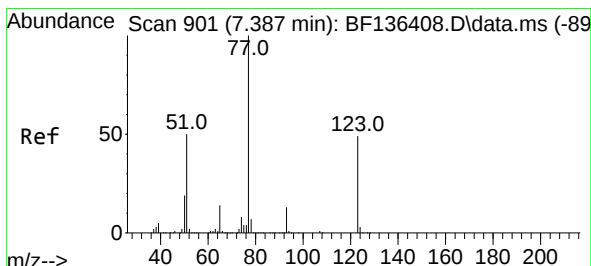
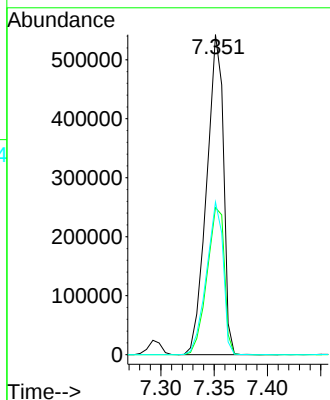
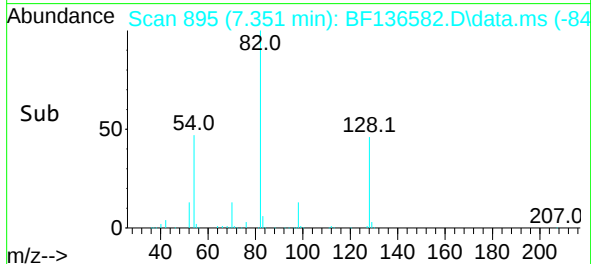
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion: 82 Resp: 596099
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 47.7 39.0 58.6

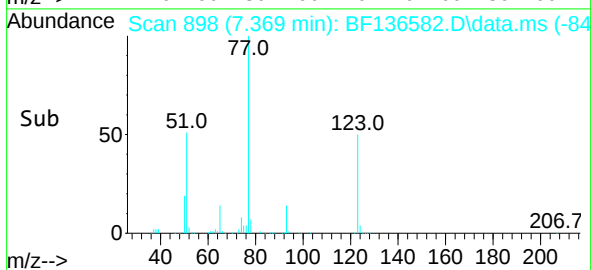
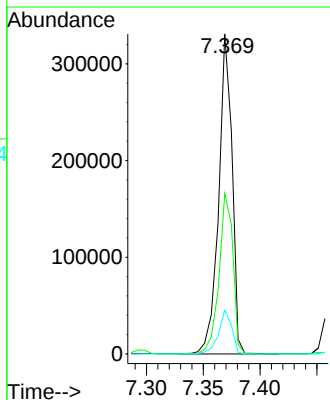
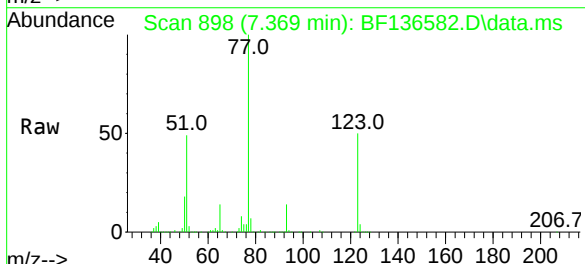
Manual Integrations
APPROVED

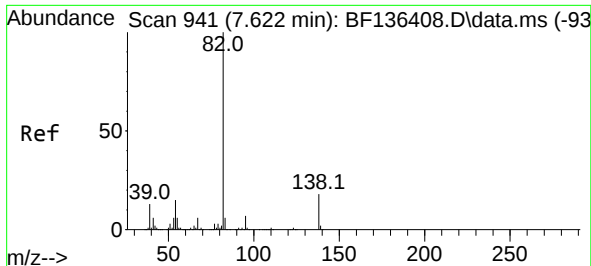
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#24
Nitrobenzene
Concen: 38.950 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

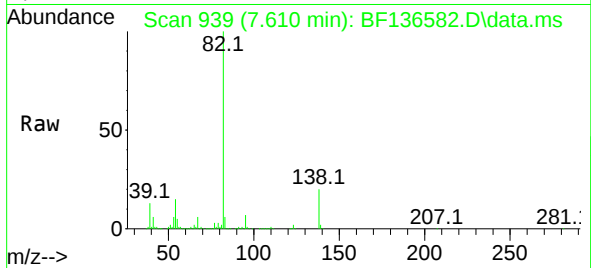
Tgt Ion: 77 Resp: 272135
Ion Ratio Lower Upper
77 100
123 50.1 39.0 58.6
65 13.7 11.3 16.9





#25
Isophorone
Concen: 40.284 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

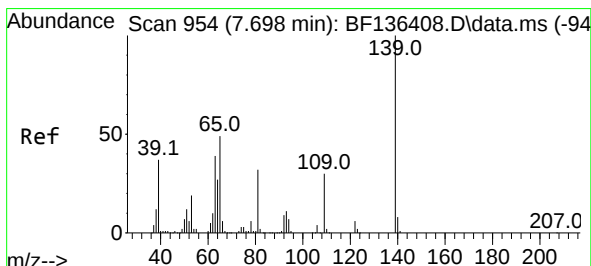
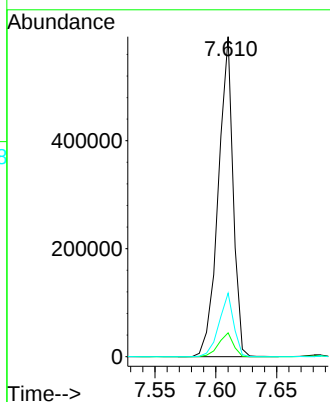
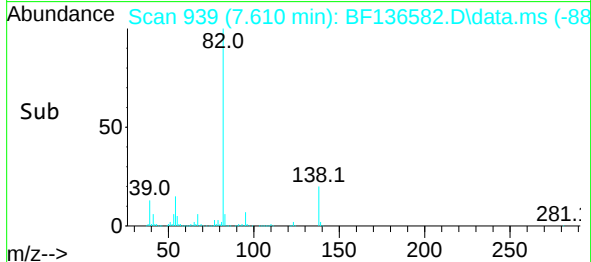
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion: 82 Resp: 50265
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.9 14.5 21.7

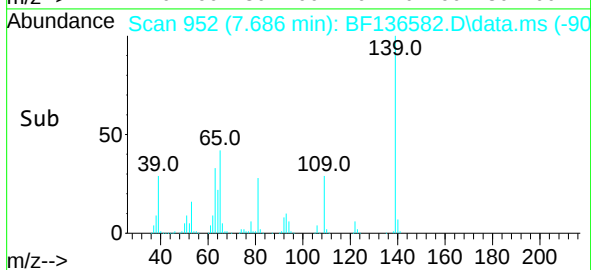
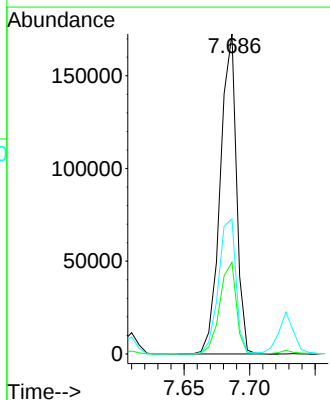
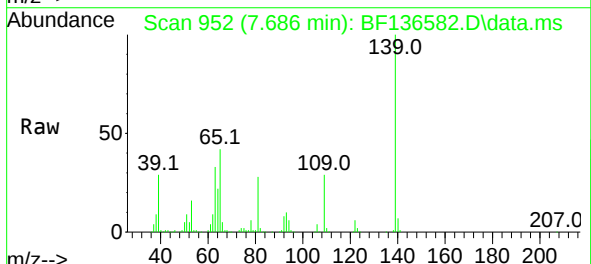
Manual Integrations
APPROVED

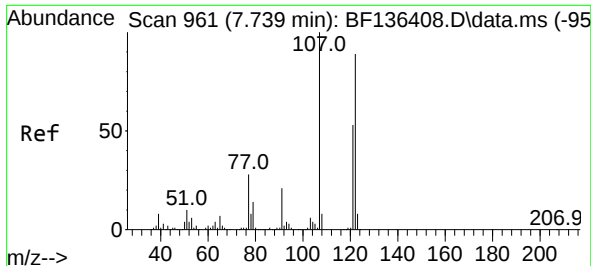
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#26
2-Nitrophenol
Concen: 43.144 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Tgt Ion:139 Resp: 148192
Ion Ratio Lower Upper
139 100
109 28.7 23.6 35.4
65 42.2 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 48.154 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF136582.D

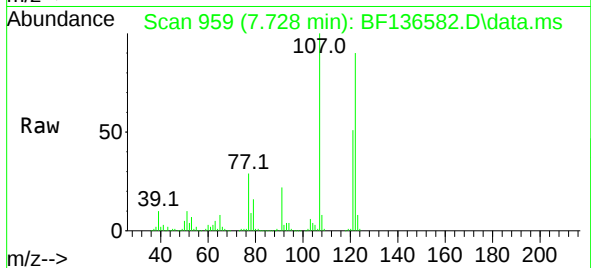
Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD



Tgt Ion:122 Resp: 203949

Ion Ratio Lower Upper

122 100

107 111.0 89.3 133.9

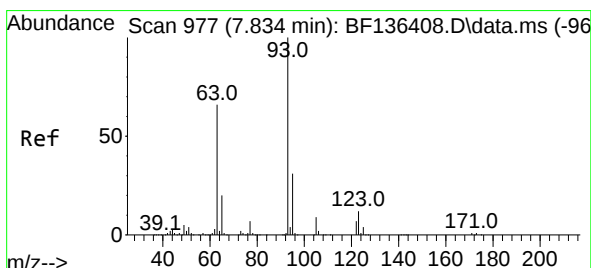
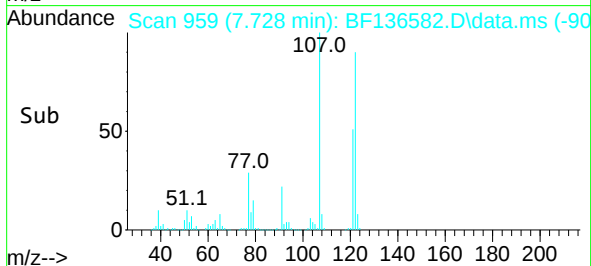
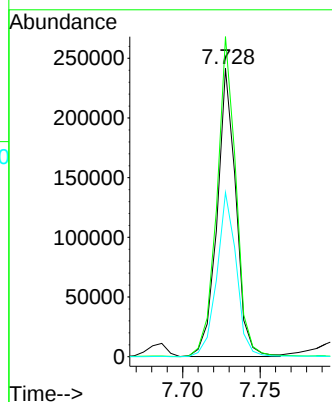
121 56.9 47.6 71.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.229 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

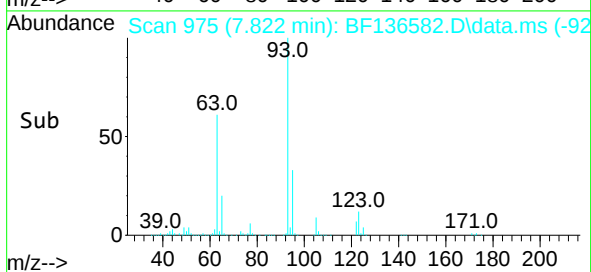
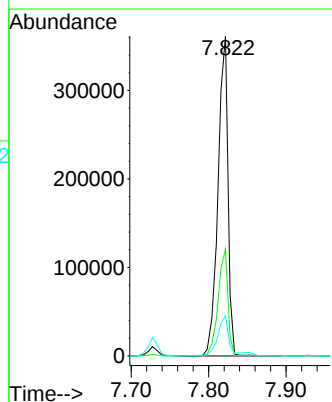
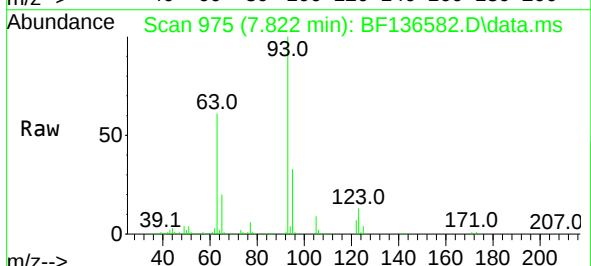
Tgt Ion: 93 Resp: 323784

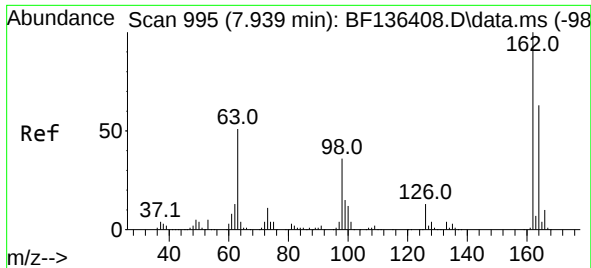
Ion Ratio Lower Upper

93 100

95 33.3 25.0 37.4

123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.743 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136582.D

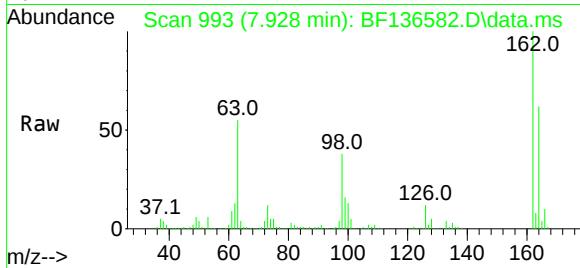
Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD



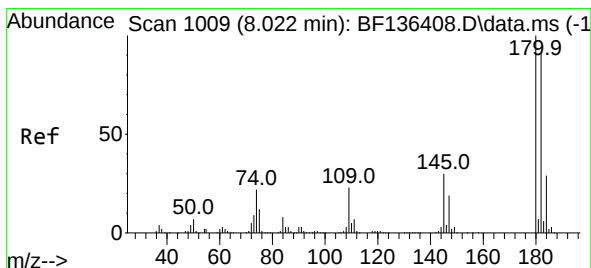
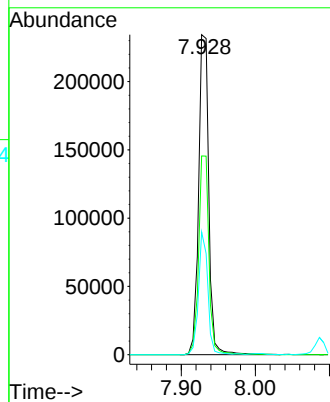
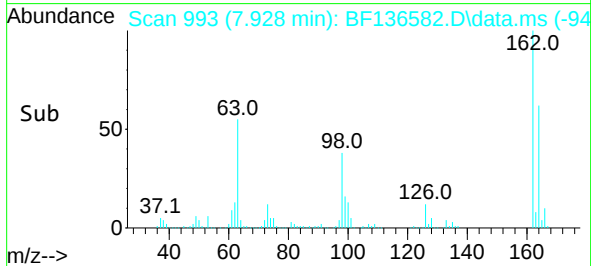
Tgt Ion:162	Resp:	222170
Ion Ratio	Lower	Upper
162	100	
164	62.1	43.0 83.0
98	38.3	16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.758 ng

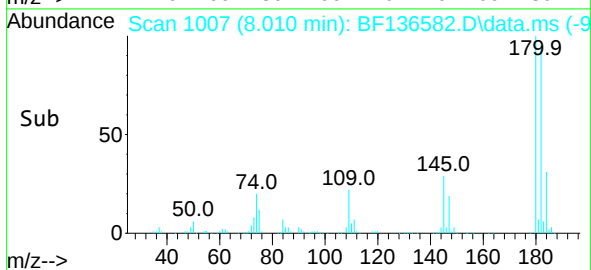
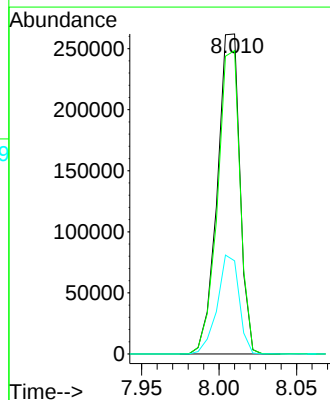
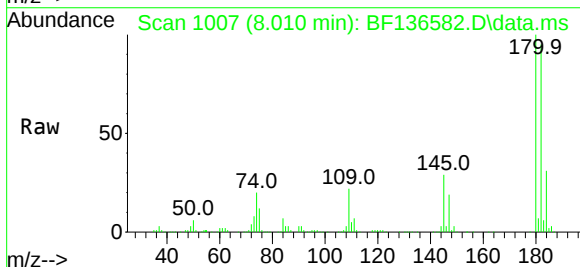
RT: 8.010 min Scan# 1007

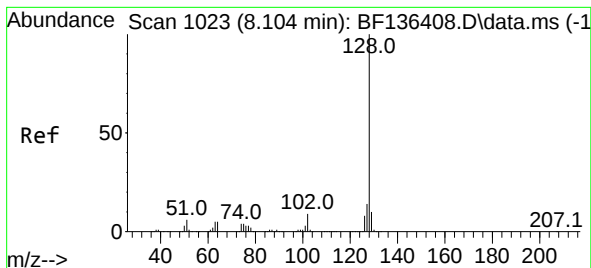
Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Tgt Ion:180	Resp:	265688
Ion Ratio	Lower	Upper
180	100	
182	94.8	73.1 109.7
145	29.1	23.8 35.8





#31

Naphthalene

Concen: 40.106 ng

RT: 8.086 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD

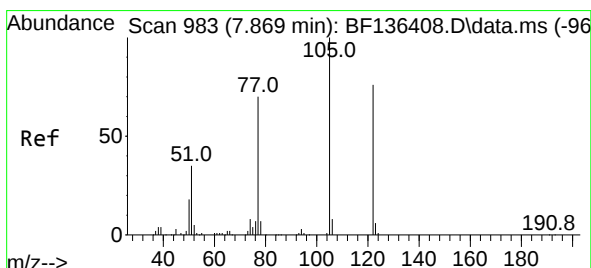
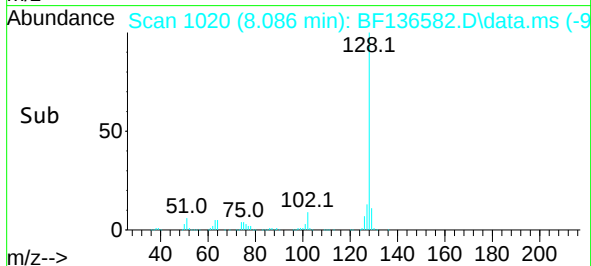
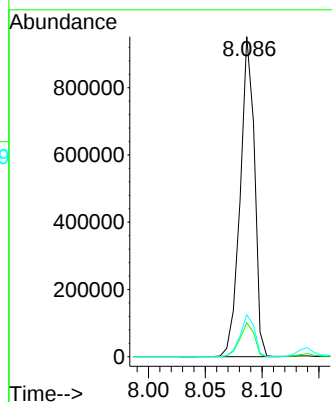
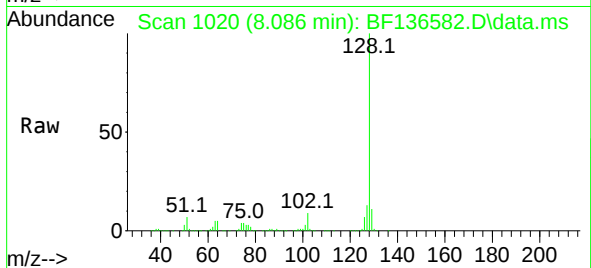
Tgt Ion:128 Resp: 830410
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.3 12.5
 127 13.1 11.1 16.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#32

Benzoic acid

Concen: 31.218 ng

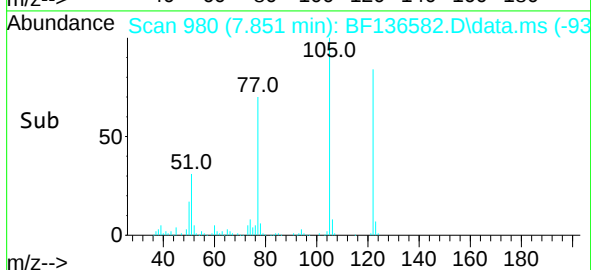
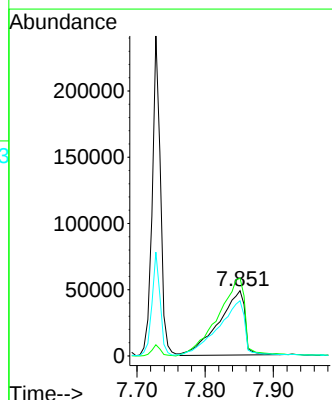
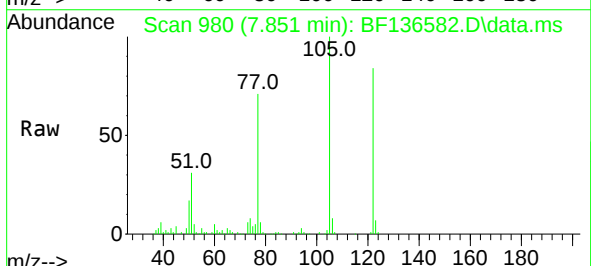
RT: 7.851 min Scan# 980

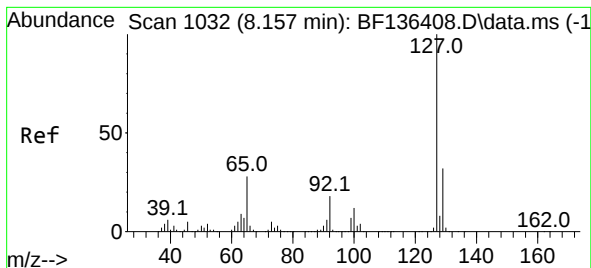
Delta R.T. -0.006 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Tgt Ion:122 Resp: 131162
 Ion Ratio Lower Upper
 122 100
 105 119.3 104.7 144.7
 77 84.5 68.5 108.5





#33

4-Chloroaniline

Concen: 4.217 ng

RT: 8.139 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD

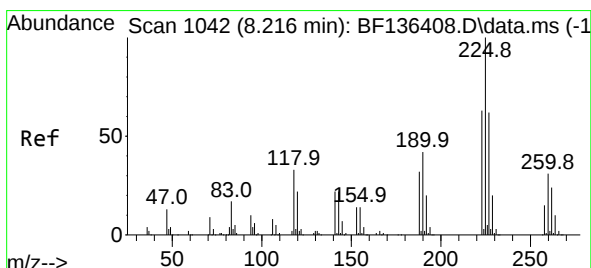
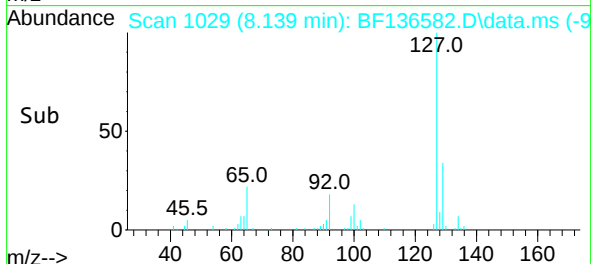
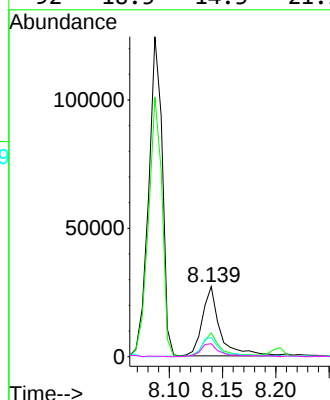
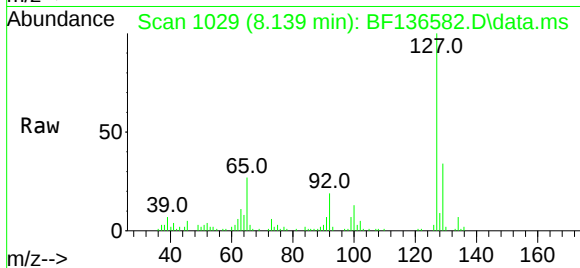
Tgt Ion:	127	Resp:	3113
Ion Ratio	Lower	Upper	
127	100		
129	34.0	25.4	38.2
65	27.3	22.5	33.7
92	18.5	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#34

Hexachlorobutadiene

Concen: 40.123 ng

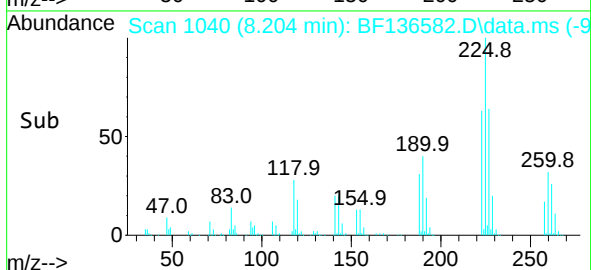
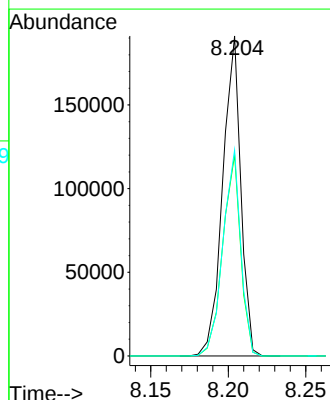
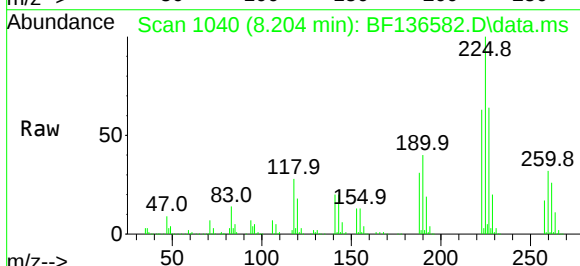
RT: 8.204 min Scan# 1040

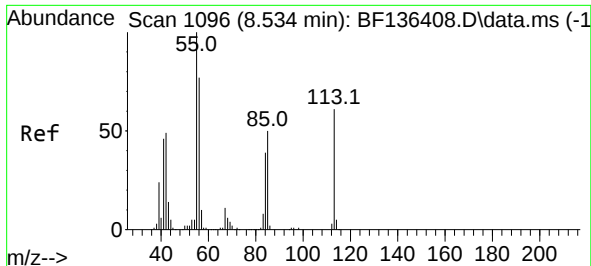
Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

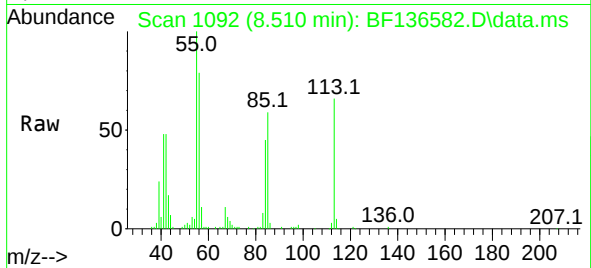
Tgt Ion:	225	Resp:	155005
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.8	76.2
227	64.3	49.8	74.8





#35
Caprolactam
Concen: 29.963 ng m
RT: 8.510 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

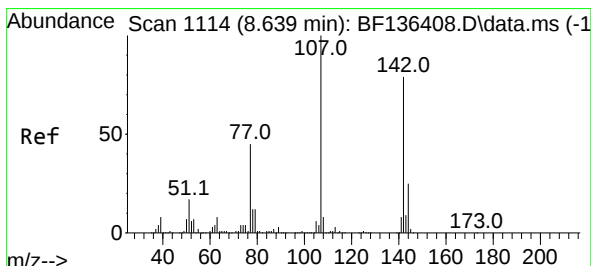
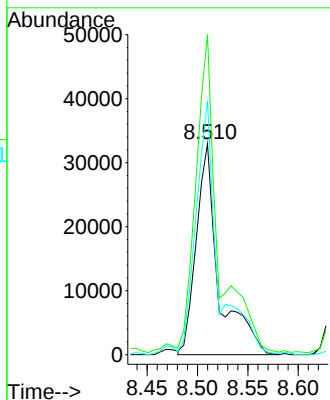
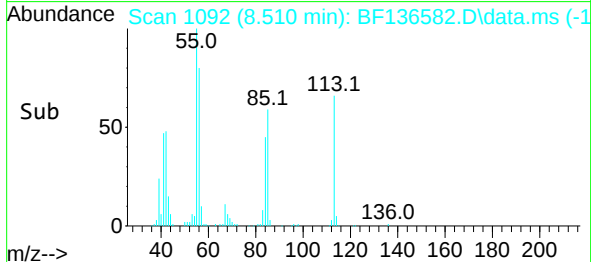
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion:113 Resp: 5158
Ion Ratio Lower Upper
113 100
55 151.8 143.7 183.7
56 120.5 105.2 145.2

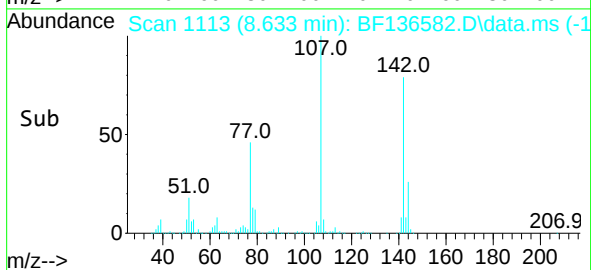
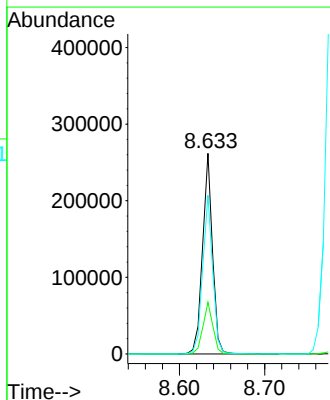
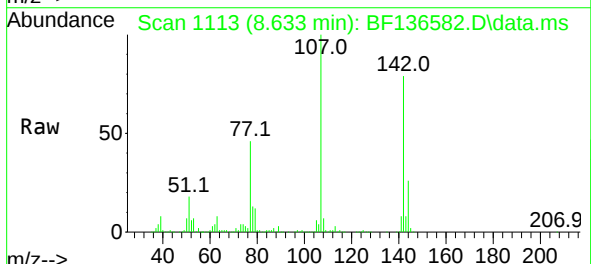
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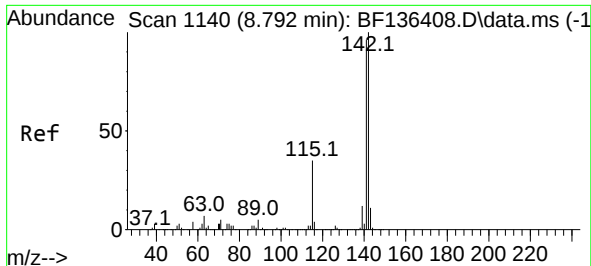
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#36
4-Chloro-3-methylphenol
Concen: 35.906 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Tgt Ion:107 Resp: 213127
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 79.0 63.1 94.7





#37

2-Methylnaphthalene

Concen: 39.504 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD

Tgt Ion:142 Resp: 520369

Ion Ratio Lower Upper

142 100

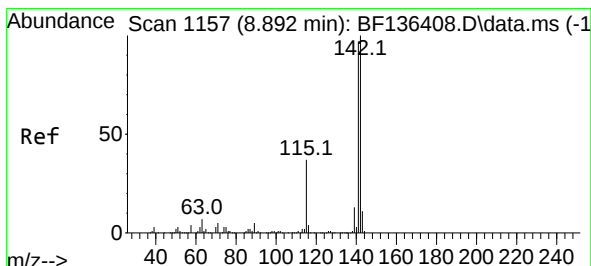
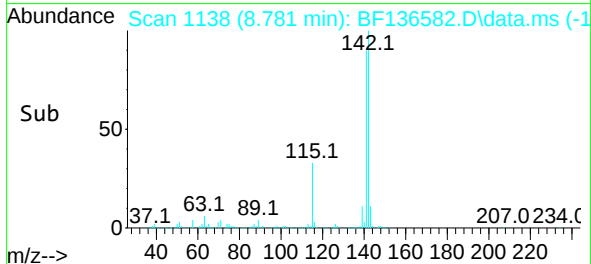
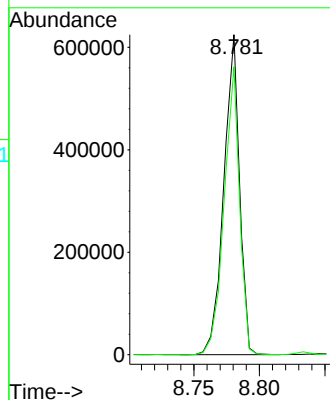
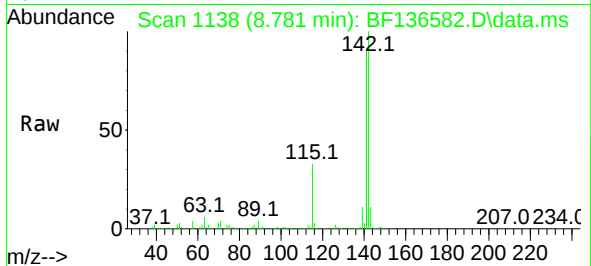
141 90.0 76.4 114.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#38

1-Methylnaphthalene

Concen: 38.418 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF136582.D

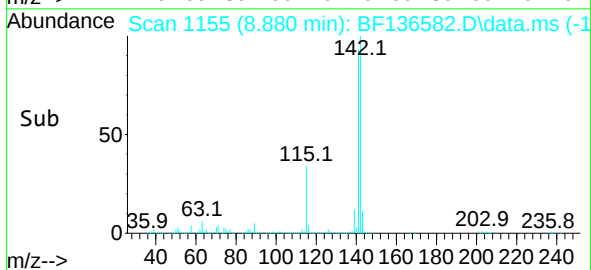
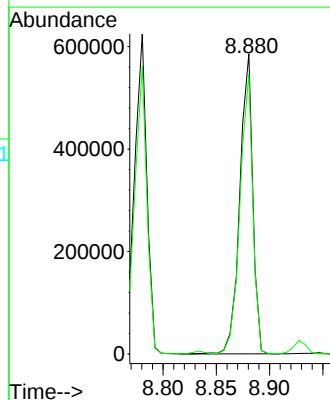
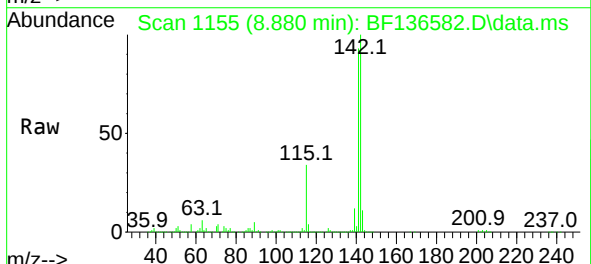
Acq: 14 Dec 2023 22:28

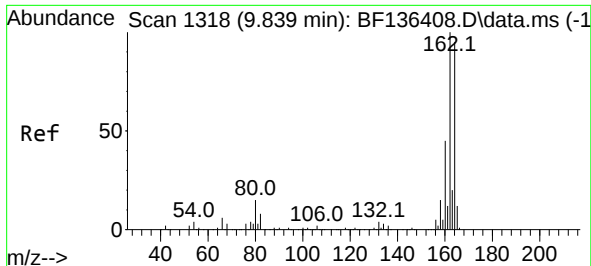
Tgt Ion:142 Resp: 496586

Ion Ratio Lower Upper

142 100

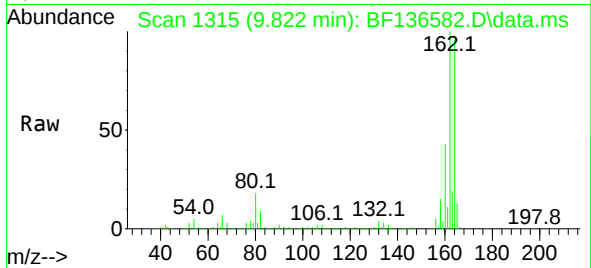
141 93.2 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

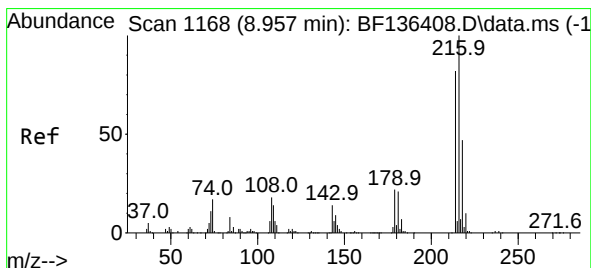
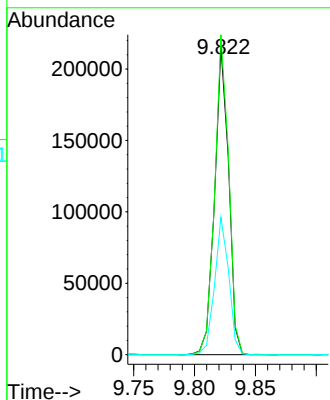
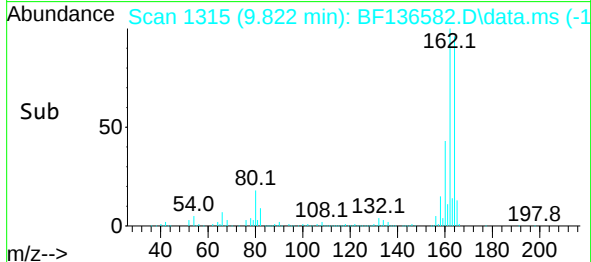
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



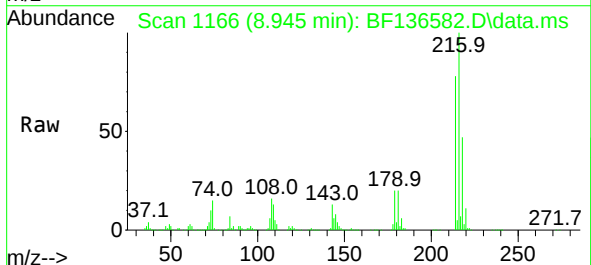
Tgt Ion:164 Resp: 173690
Ion Ratio Lower Upper
164 100
162 104.0 84.4 126.6
160 44.7 37.6 56.4

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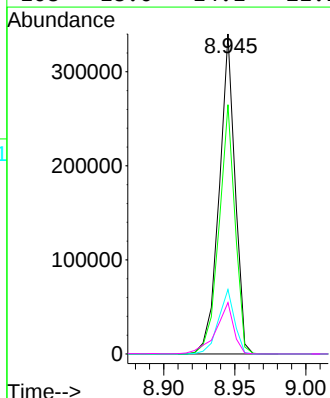
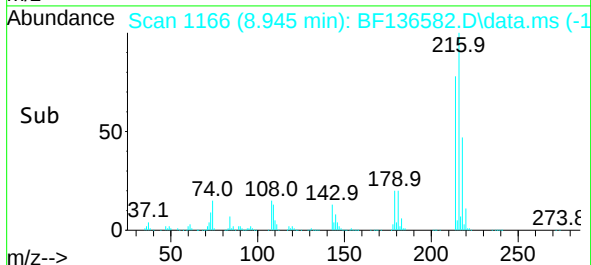
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

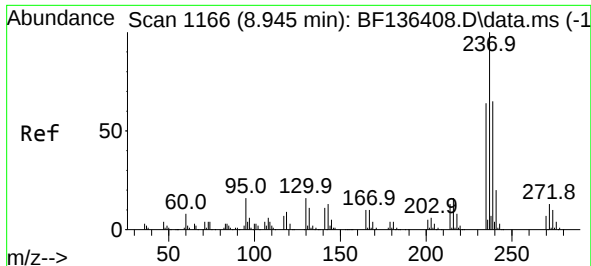


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.783 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



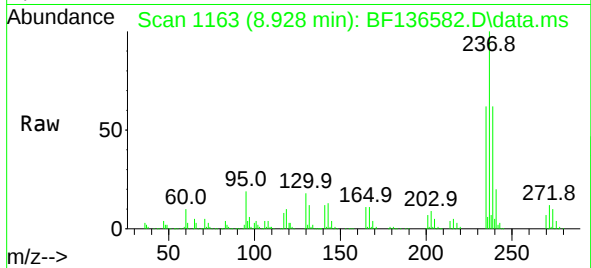
Tgt Ion:216 Resp: 263621
Ion Ratio Lower Upper
216 100
214 78.4 64.1 96.1
179 20.4 17.0 25.6
108 18.0 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 95.552 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

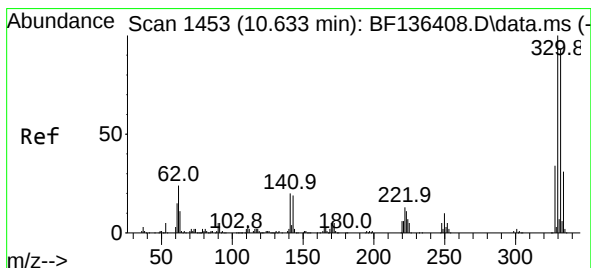
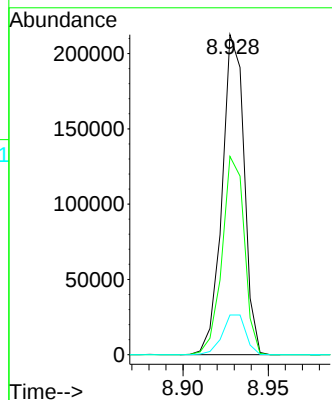
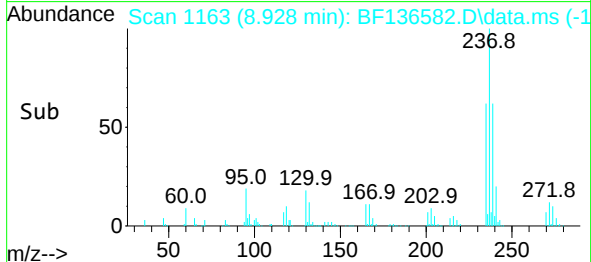
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



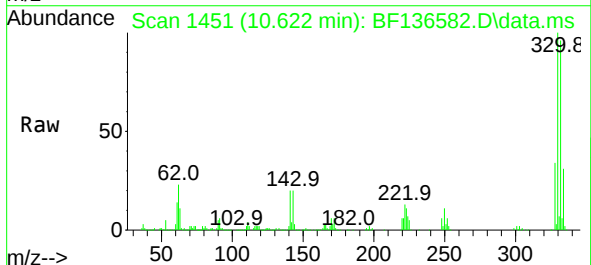
Tgt Ion:237 Resp: 19129
Ion Ratio Lower Upper
237 100
235 62.0 44.1 84.1
272 12.4 0.0 33.3

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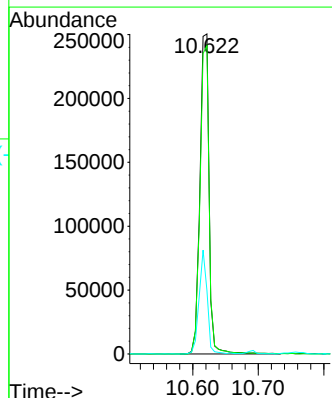
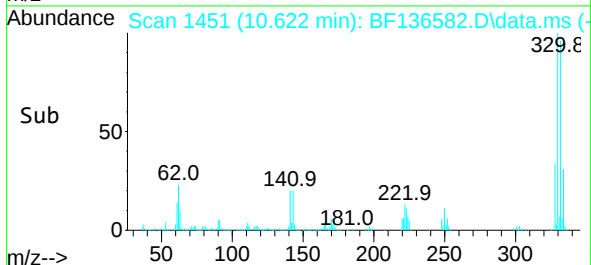
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

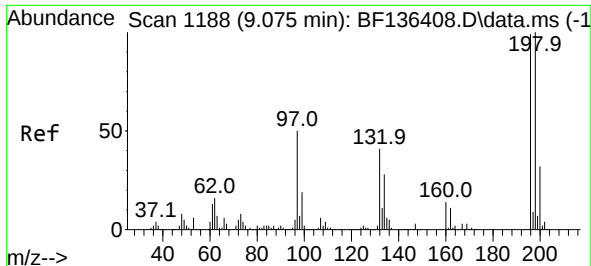


#42
2,4,6-Tribromophenol
Concen: 113.834 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



Tgt Ion:330 Resp: 243796
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 28.9 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 42.408 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD

Tgt Ion:196 Resp: 149220

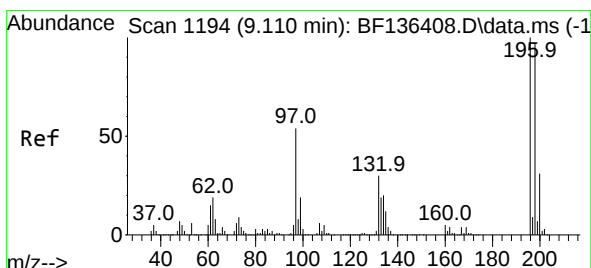
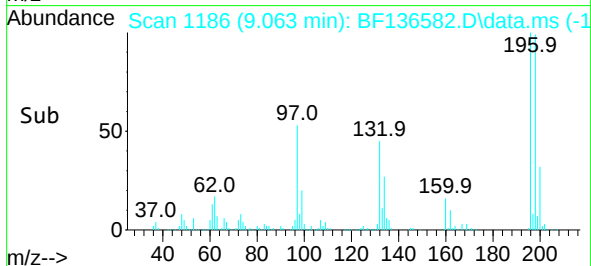
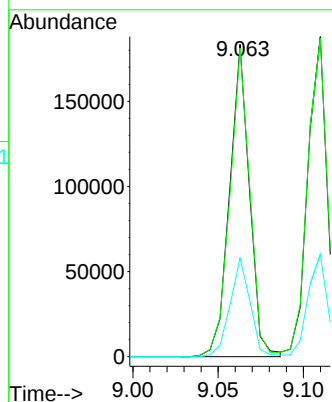
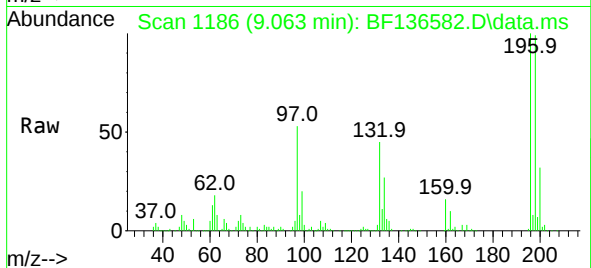
Ion	Ratio	Lower	Upper
196	100		
198	98.8	80.4	120.6
200	31.6	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#44

2,4,5-Trichlorophenol

Concen: 39.428 ng

RT: 9.110 min Scan# 1194

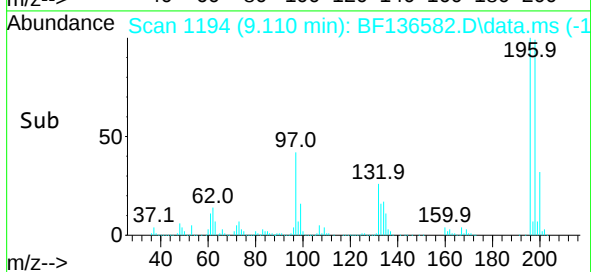
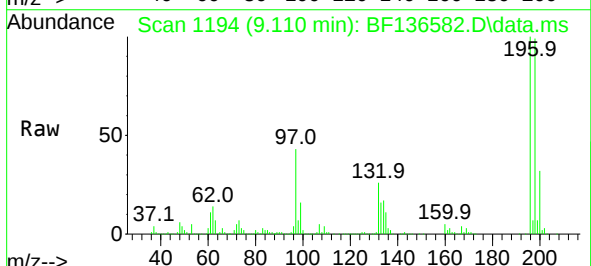
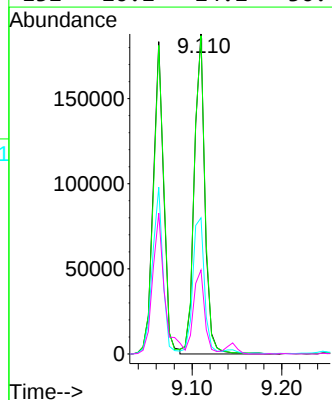
Delta R.T. 0.006 min

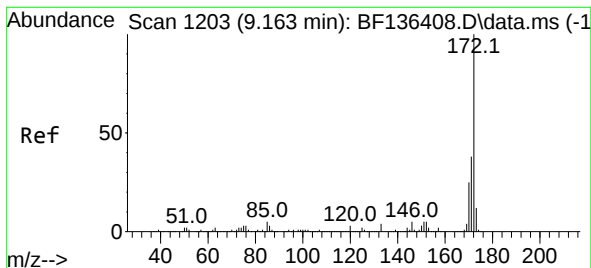
Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Tgt Ion:196 Resp: 154842

Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.1	117.1
97	42.5	43.4	65.2#
132	26.2	24.2	36.4





#45

2-Fluorobiphenyl

Concen: 92.086 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD

Tgt Ion:172 Resp: 117222

Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

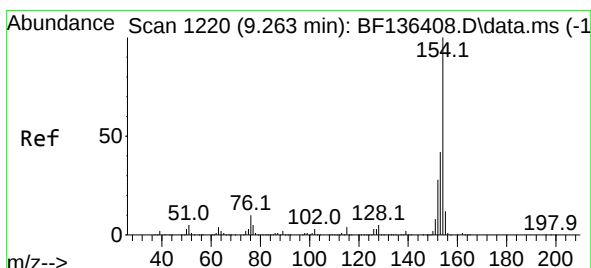
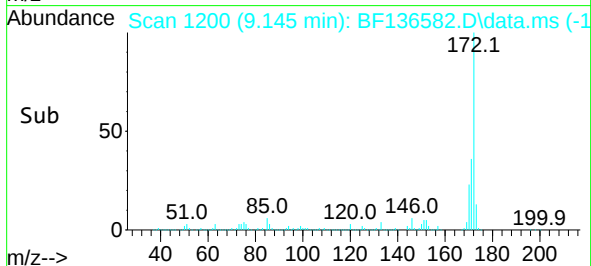
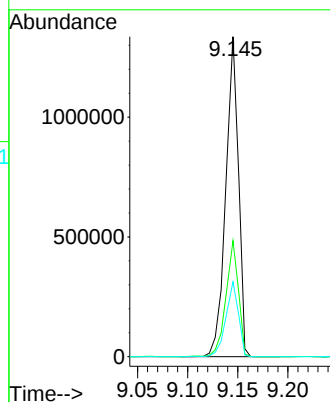
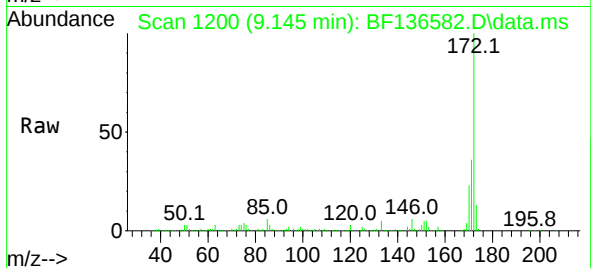
170 23.4 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#46

1,1'-Biphenyl

Concen: 45.503 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

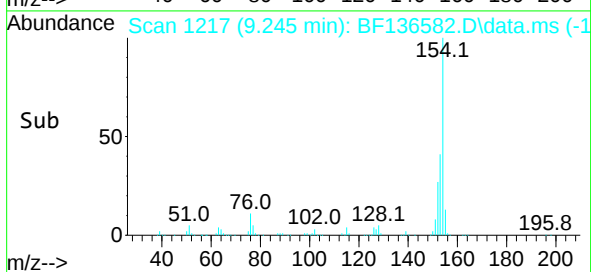
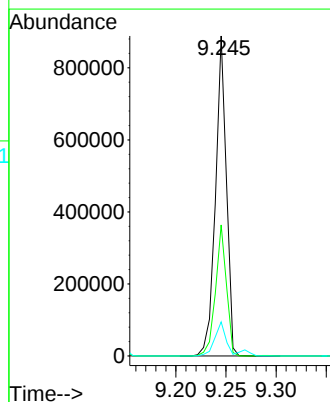
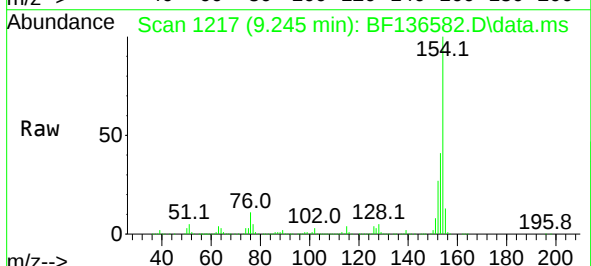
Tgt Ion:154 Resp: 672521

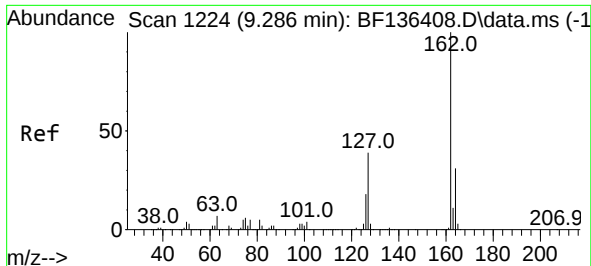
Ion Ratio Lower Upper

154 100

153 40.9 22.5 62.5

76 10.7 0.0 29.9





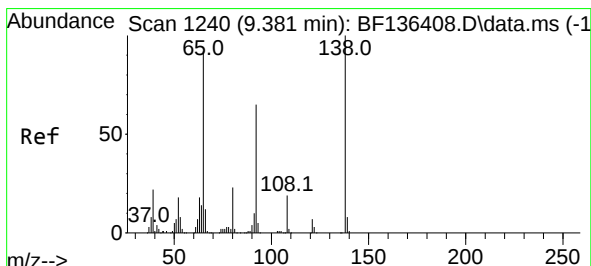
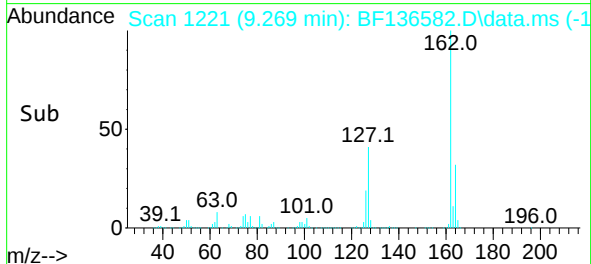
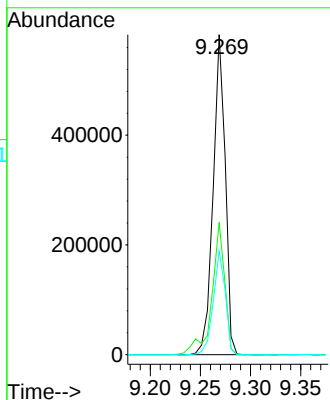
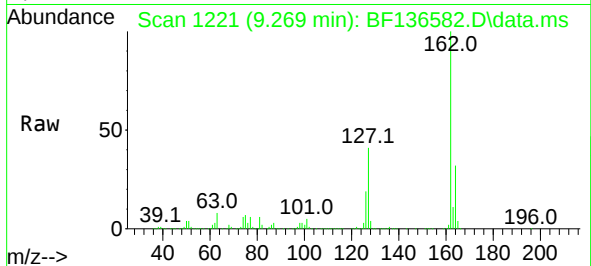
#47
2-Chloronaphthalene
Concen: 42.503 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

Tgt Ion:162 Resp: 48893
Ion Ratio Lower Upper
162 100
127 41.3 31.1 46.7
164 32.4 24.6 37.0

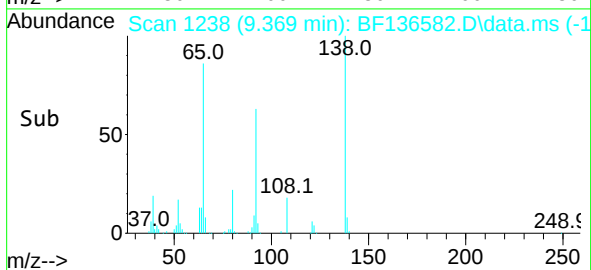
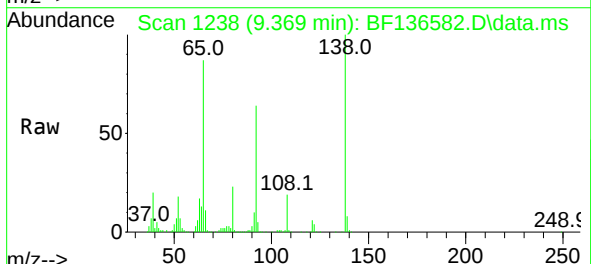
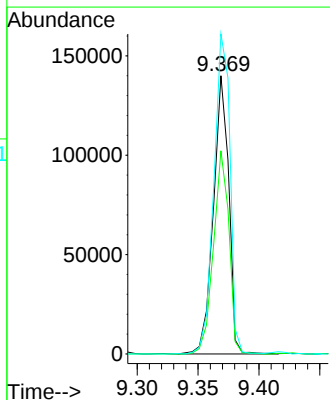
Manual Integrations
APPROVED

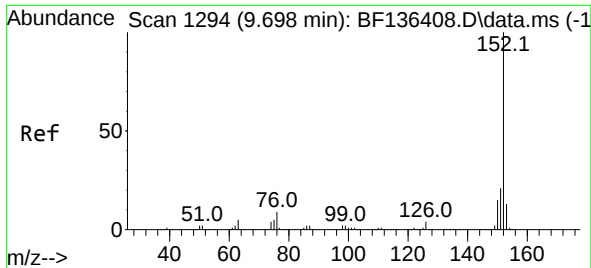
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#48
2-Nitroaniline
Concen: 40.026 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

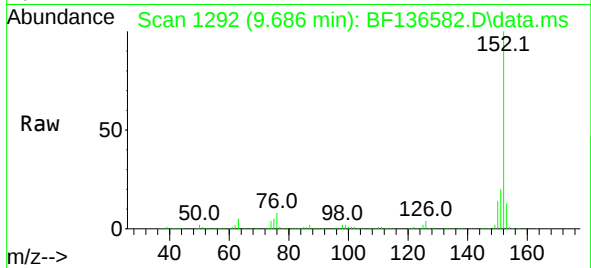
Tgt Ion: 65 Resp: 123491
Ion Ratio Lower Upper
65 100
92 73.0 56.1 84.1
138 115.0 86.7 130.1





#49
Acenaphthylene
Concen: 45.148 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

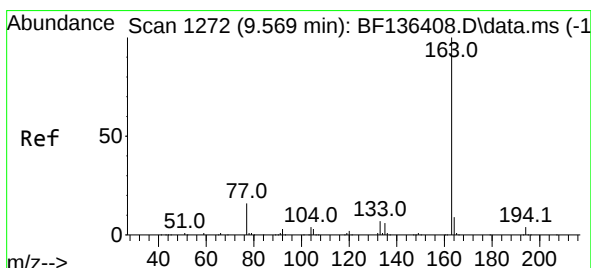
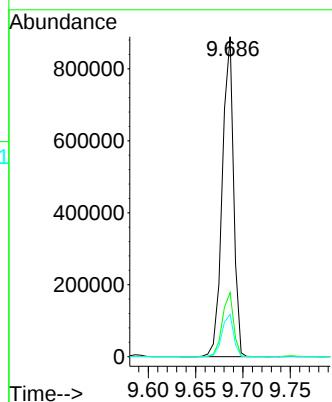
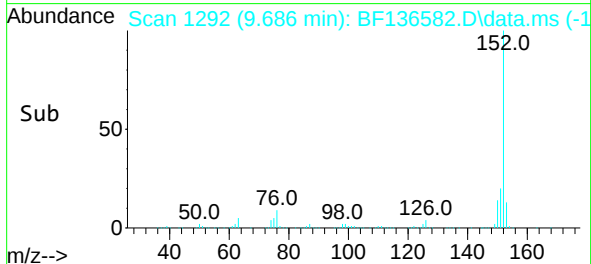
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



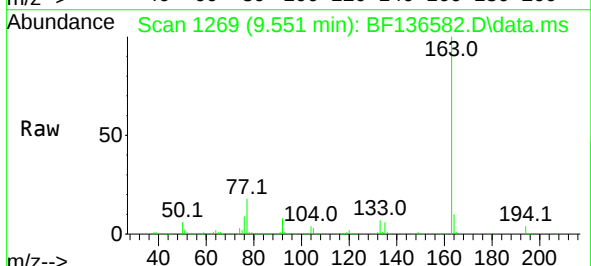
Tgt Ion:152 Resp: 739838
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 13.2 10.6 15.8

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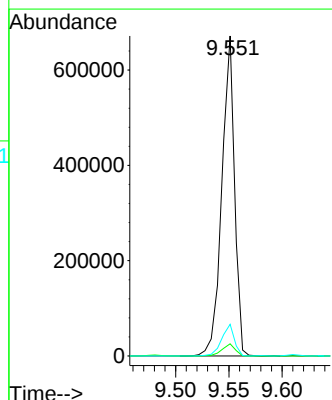
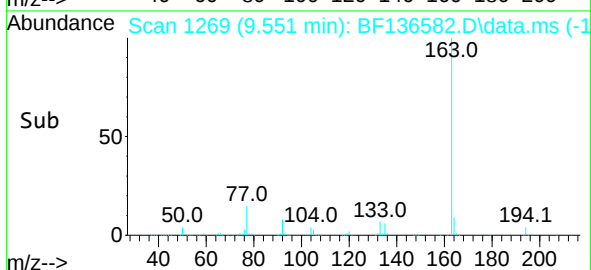
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

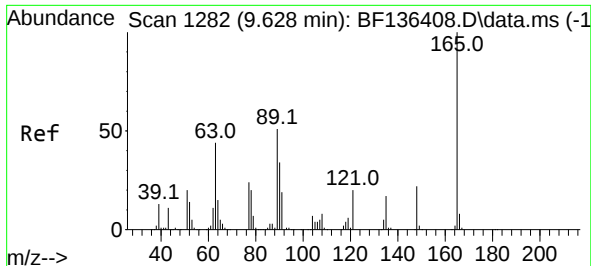


#50
Dimethylphthalate
Concen: 43.500 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



Tgt Ion:163 Resp: 556282
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 41.495 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD

Tgt Ion:165 Resp: 11938

Ion Ratio Lower Upper

165 100

63 54.0 40.4 60.6

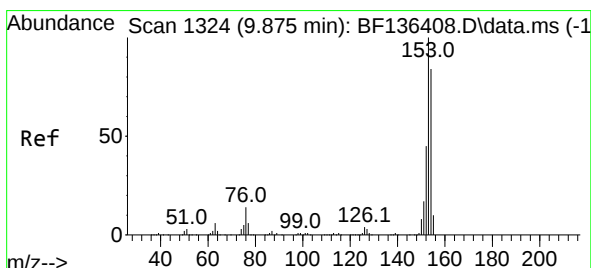
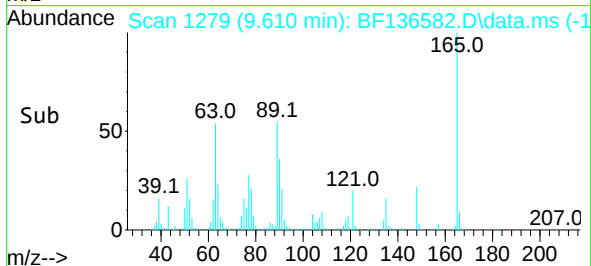
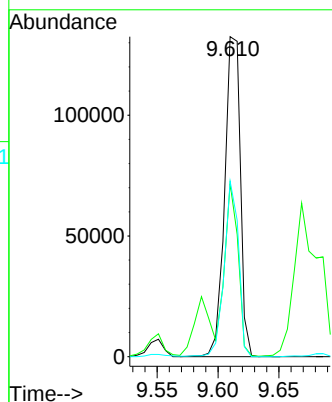
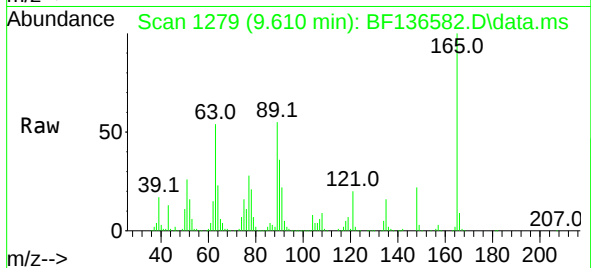
89 54.8 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#52

Acenaphthene

Concen: 41.401 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

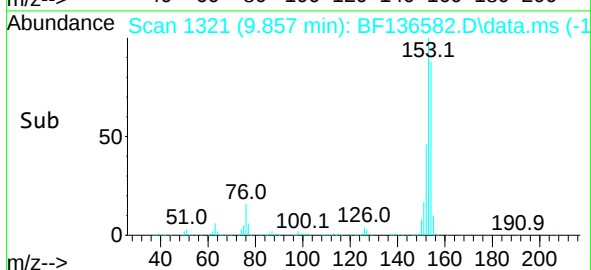
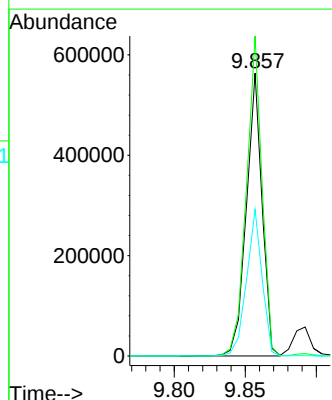
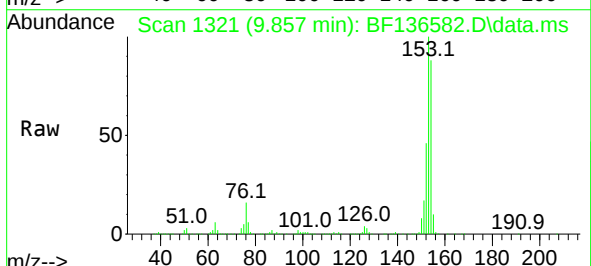
Tgt Ion:154 Resp: 434746

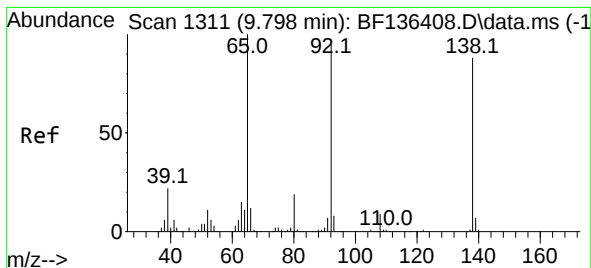
Ion Ratio Lower Upper

154 100

153 113.1 95.3 142.9

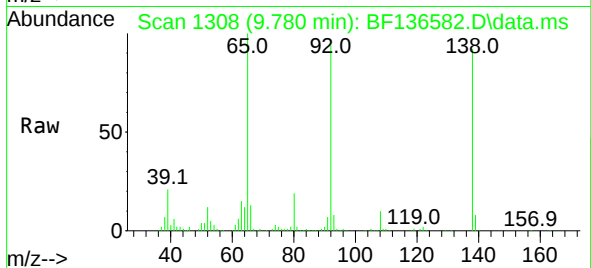
152 51.8 43.2 64.8





#53
3-Nitroaniline
Concen: 16.271 ng
RT: 9.780 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

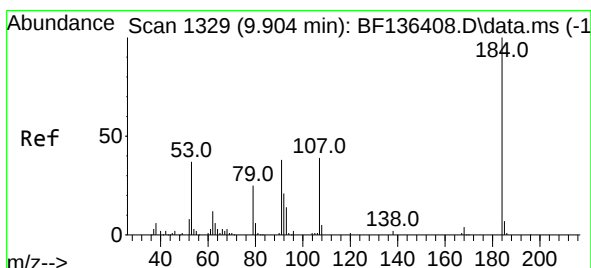
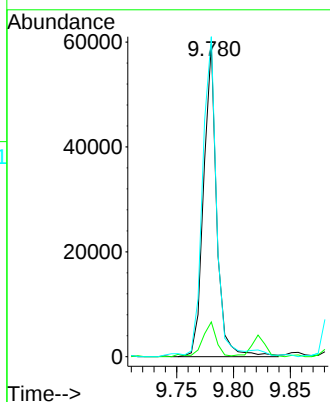
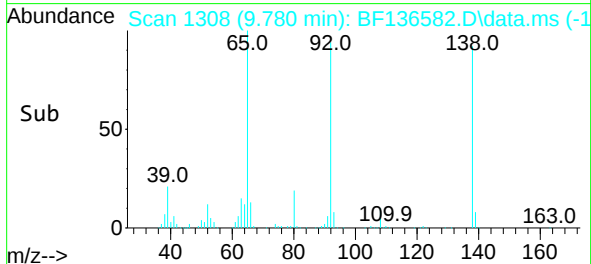
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion:138 Resp: 4780
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 102.4 86.1 129.1

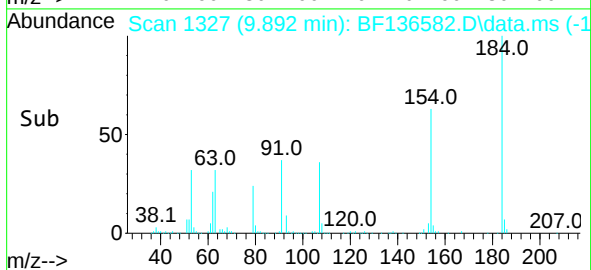
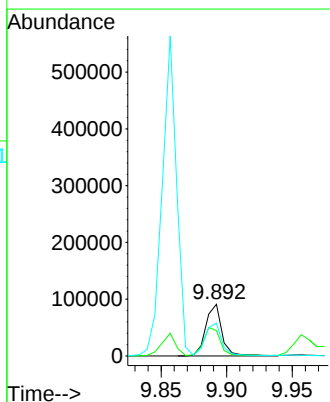
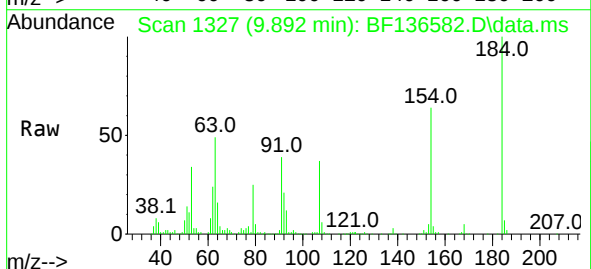
Manual Integrations
APPROVED

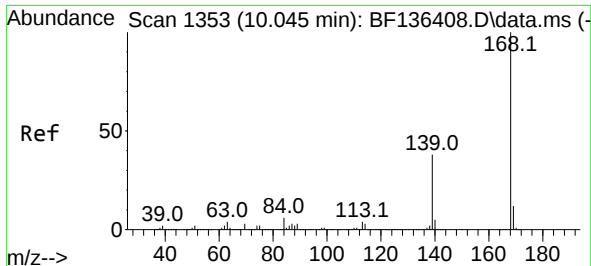
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#54
2,4-Dinitrophenol
Concen: 54.136 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

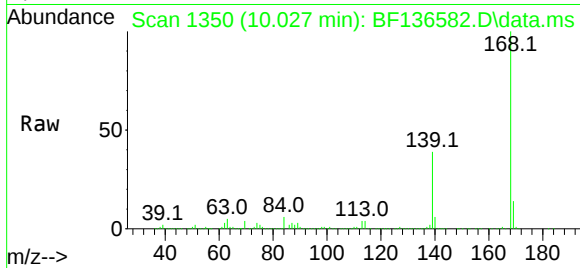
Tgt Ion:184 Resp: 78746
Ion Ratio Lower Upper
184 100
63 49.4 39.1 58.7
154 63.5 49.9 74.9





#55
Dibenzenofuran
Concen: 42.331 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

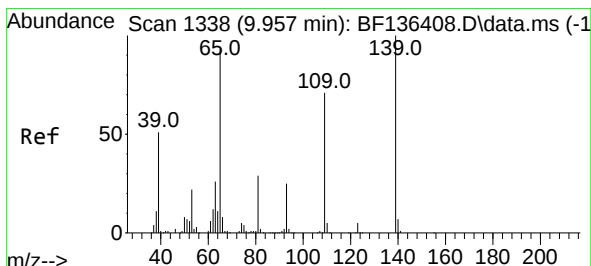
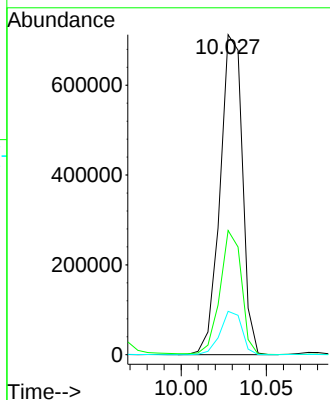
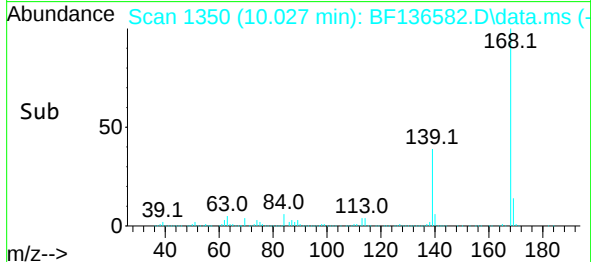
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion:168 Resp: 64937
Ion Ratio Lower Upper
168 100
139 38.8 30.4 45.6
169 13.6 9.9 14.9

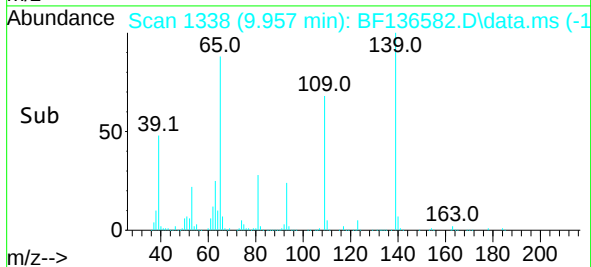
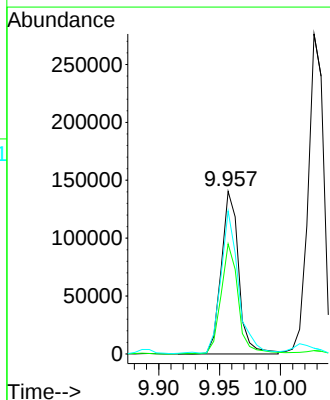
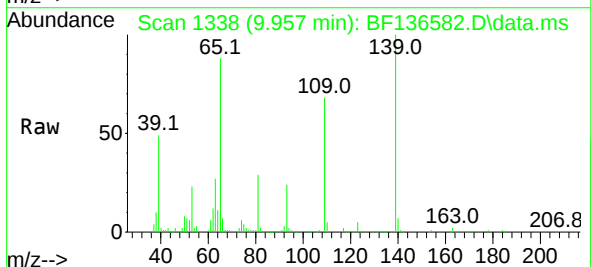
Manual Integrations
APPROVED

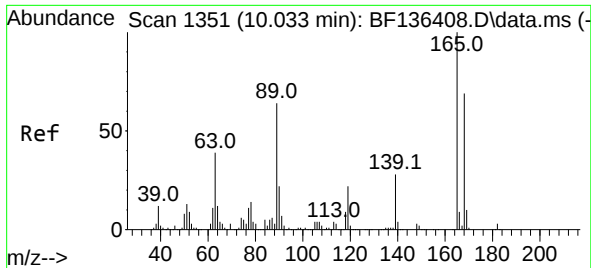
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#56
4-Nitrophenol
Concen: 63.683 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

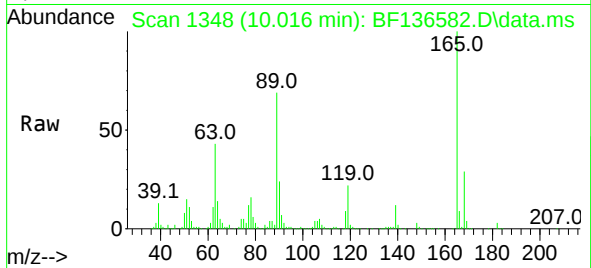
Tgt Ion:139 Resp: 140253
Ion Ratio Lower Upper
139 100
109 67.7 50.6 90.6
65 88.0 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 39.333 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

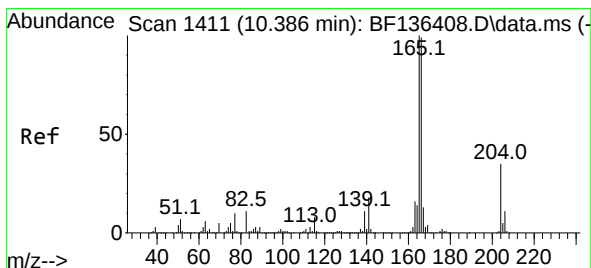
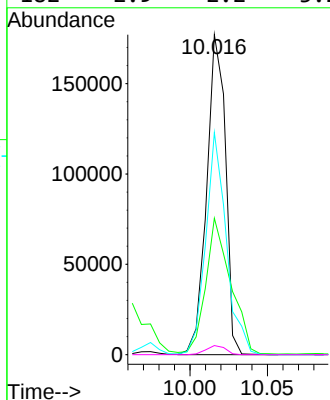
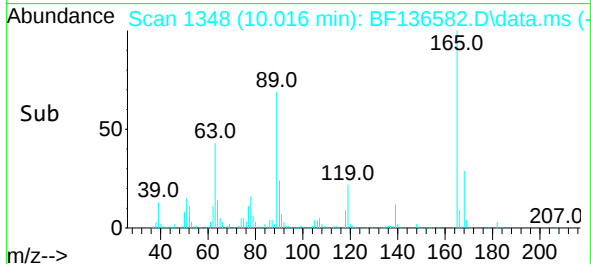
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



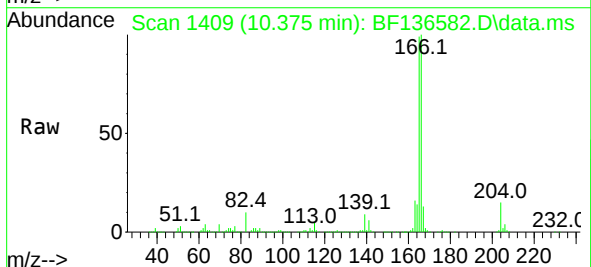
Tgt Ion:165 Resp: 149690
Ion Ratio Lower Upper
165 100
63 42.6 31.4 47.2
89 69.4 51.7 77.5
182 2.9 2.2 3.2

Manual Integrations
APPROVED

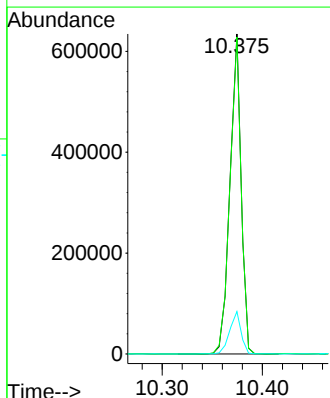
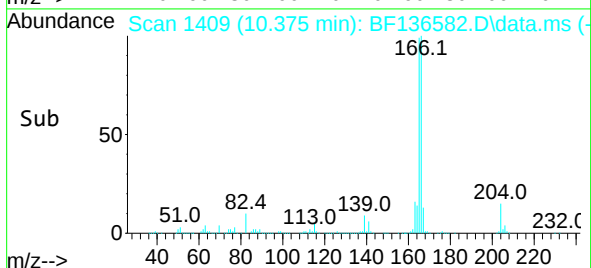
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

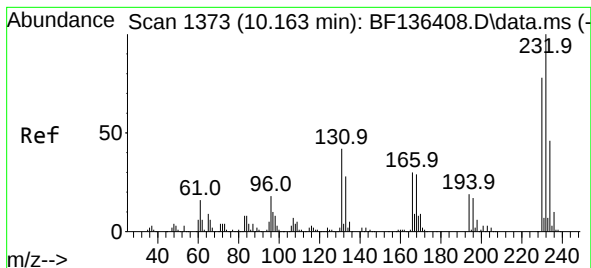


#58
Fluorene
Concen: 39.828 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



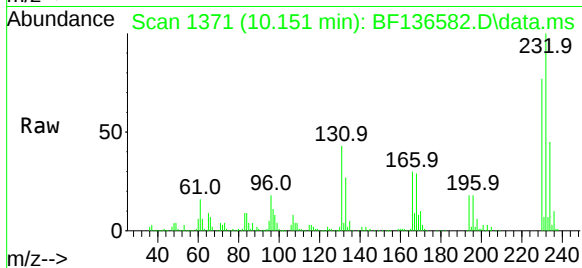
Tgt Ion:166 Resp: 490459
Ion Ratio Lower Upper
166 100
165 99.1 80.5 120.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.302 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

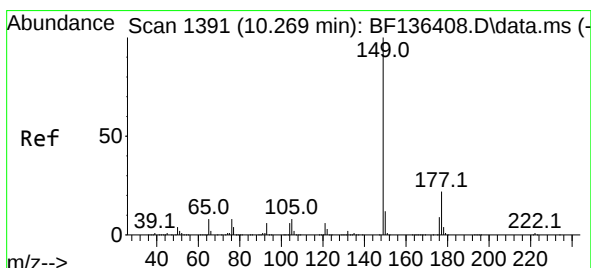
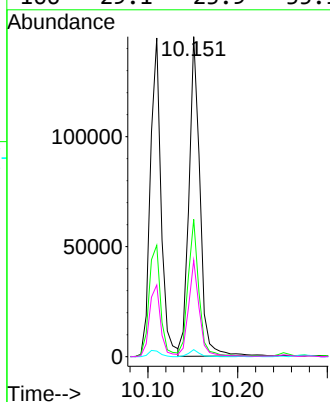
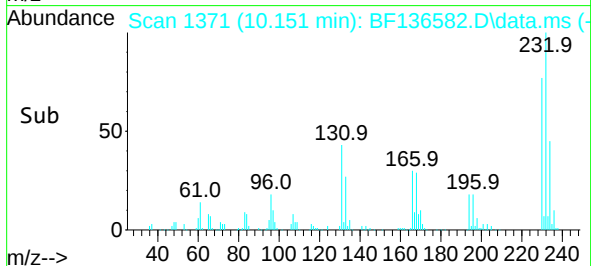
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



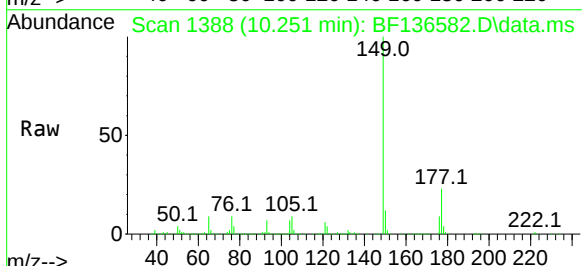
Tgt Ion:232 Resp: 12363
Ion Ratio Lower Upper
232 100
131 42.8 34.3 51.5
130 2.1 1.6 2.4
166 29.1 23.9 35.9

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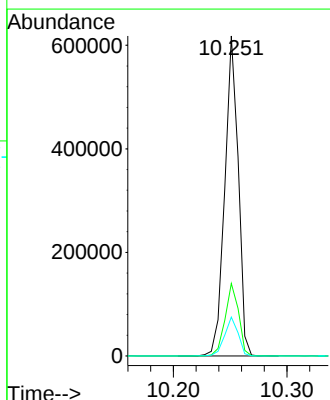
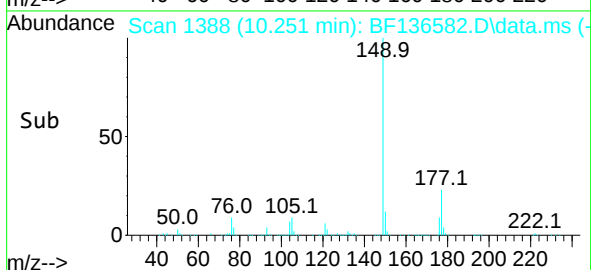
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

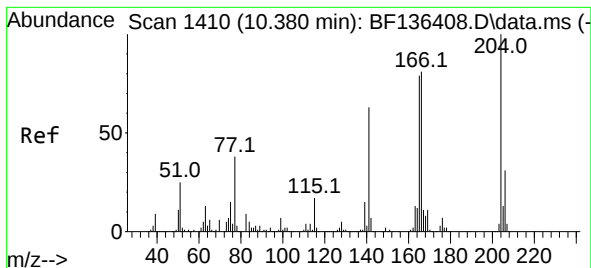


#60
Diethylphthalate
Concen: 40.631 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



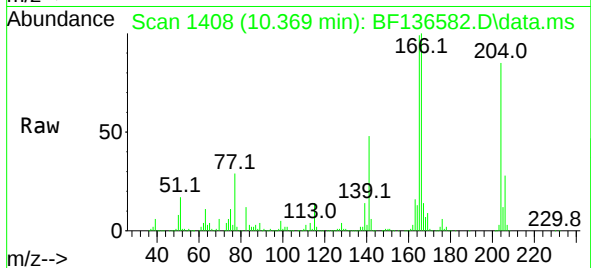
Tgt Ion:149 Resp: 510927
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.1 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 41.124 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

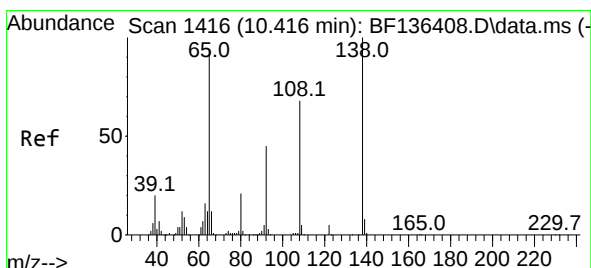
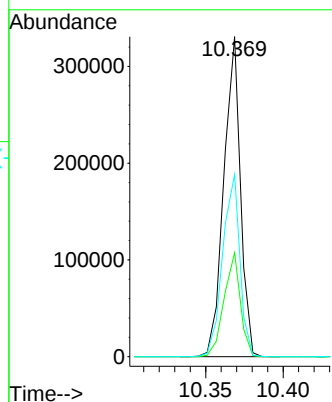
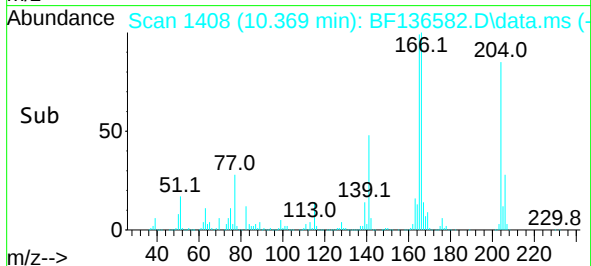
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion:204 Resp: 246874
Ion Ratio Lower Upper
204 100
206 32.5 24.6 36.8
141 56.9 50.3 75.5

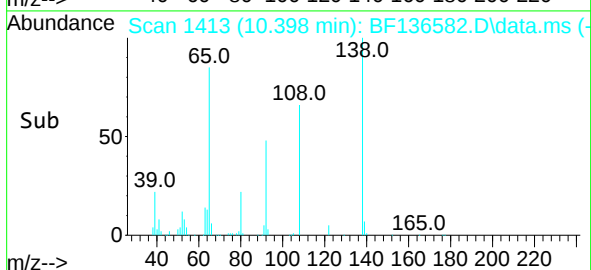
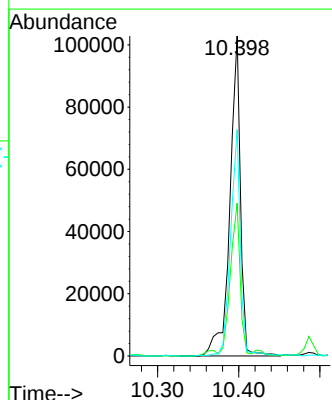
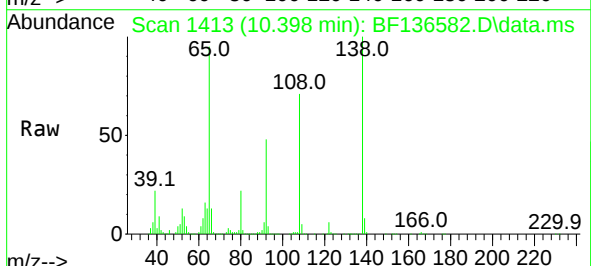
Manual Integrations
APPROVED

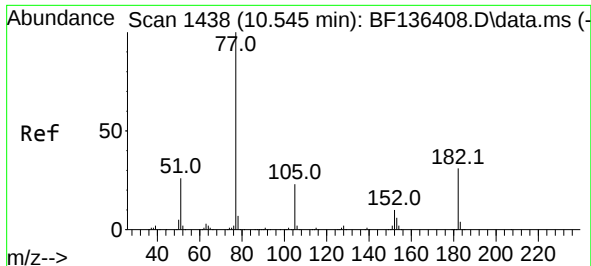
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#62
4-Nitroaniline
Concen: 32.076 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

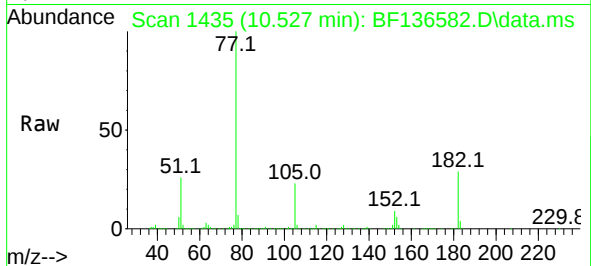
Tgt Ion:138 Resp: 93570
Ion Ratio Lower Upper
138 100
92 47.8 25.0 65.0
108 70.8 47.9 87.9





#63
Azobenzene
Concen: 37.623 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

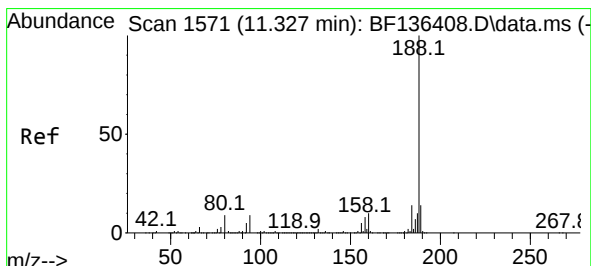
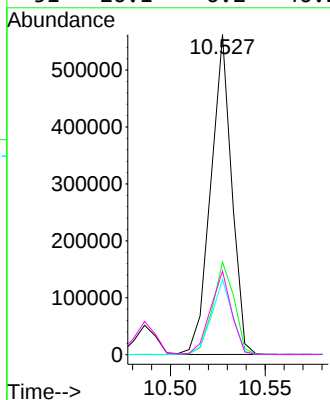
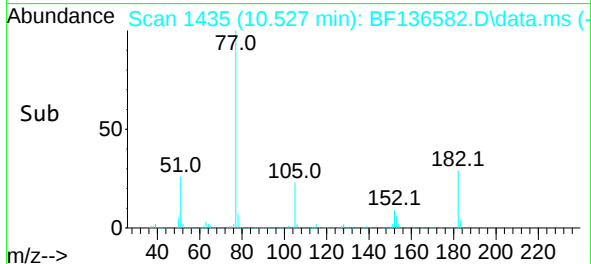
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



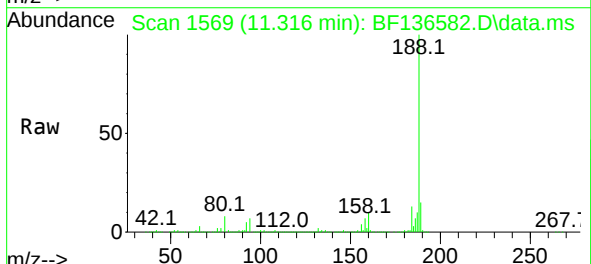
Tgt Ion: 77 Resp: 430623
Ion Ratio Lower Upper
77 100
182 28.9 10.8 50.8
105 23.5 2.6 42.6
51 26.1 6.2 46.2

Manual Integrations
APPROVED

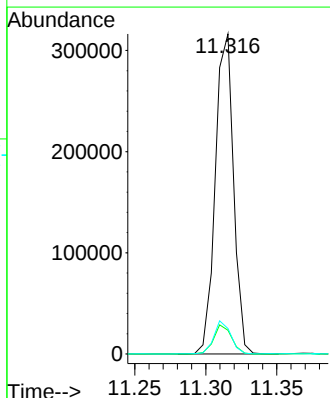
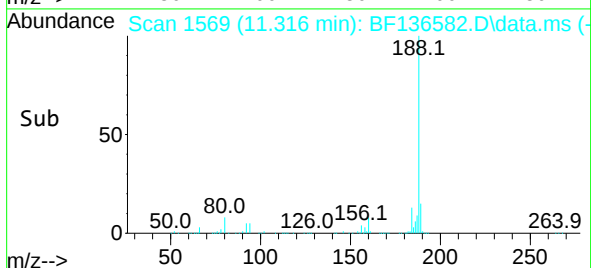
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

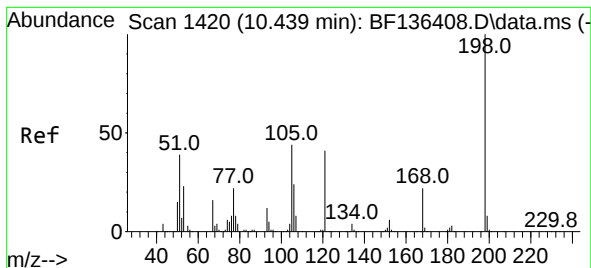


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



Tgt Ion:188 Resp: 282491
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 7.9 7.2 10.8





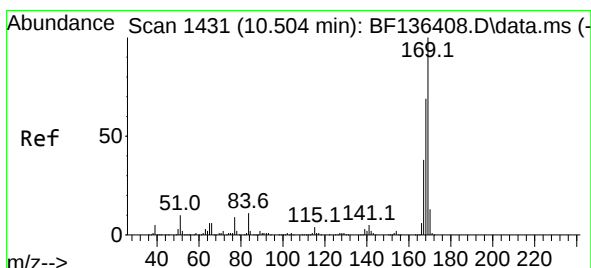
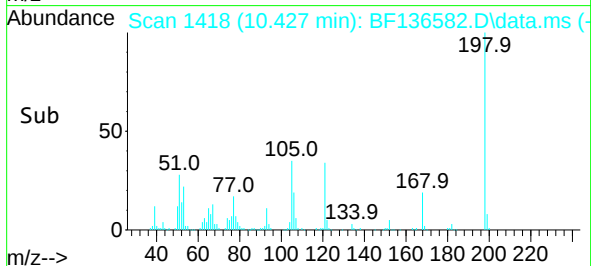
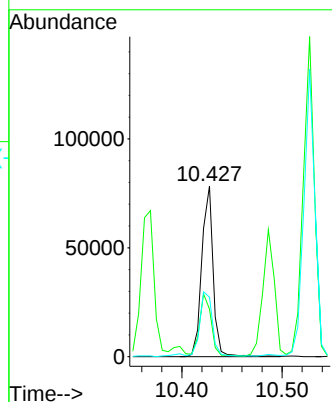
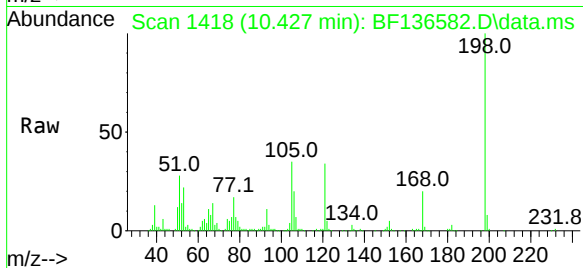
#65
4,6-Dinitro-2-methylphenol
Concen: 35.463 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

Tgt Ion:198 Resp: 62041
Ion Ratio Lower Upper
198 100
51 27.9 24.1 64.1
105 34.9 24.8 64.8

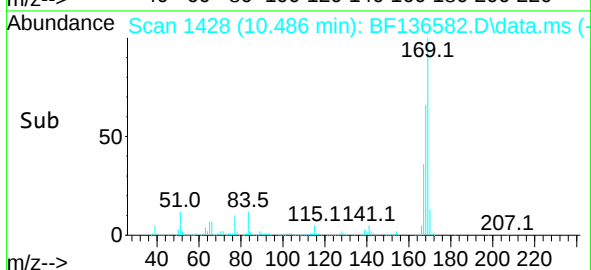
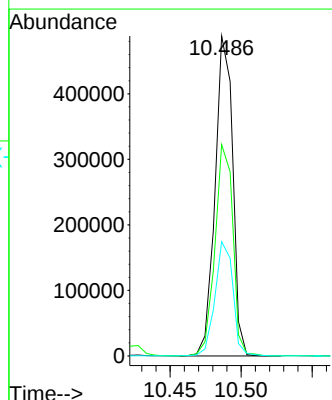
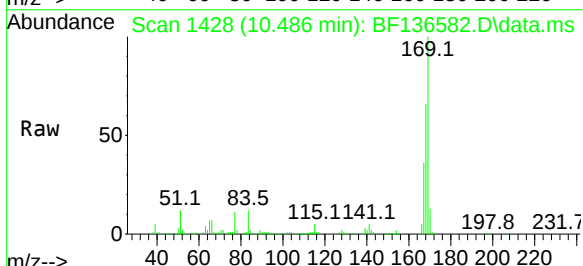
Manual Integrations
APPROVED

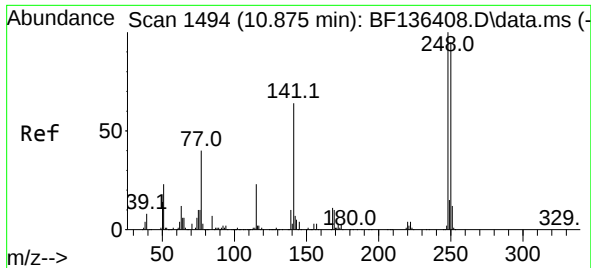
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#66
n-Nitrosodiphenylamine
Concen: 46.305 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

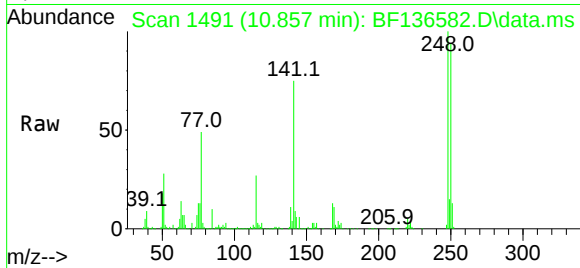
Tgt Ion:169 Resp: 419735
Ion Ratio Lower Upper
169 100
168 66.0 55.3 82.9
167 35.7 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 45.700 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

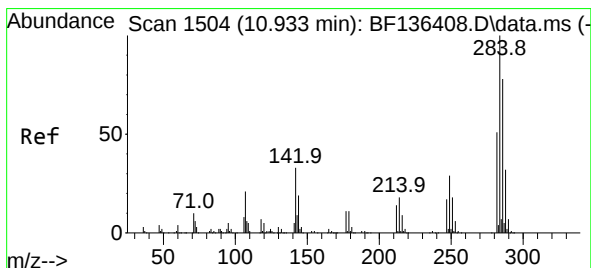
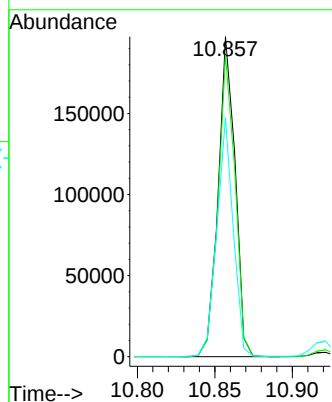
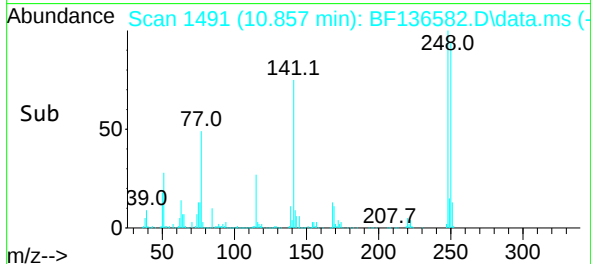
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



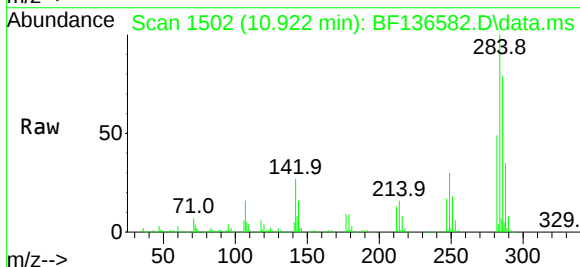
Tgt Ion:248 Resp: 150090
Ion Ratio Lower Upper
248 100
250 94.1 76.2 114.2
141 74.7 51.0 76.4

Manual Integrations
APPROVED

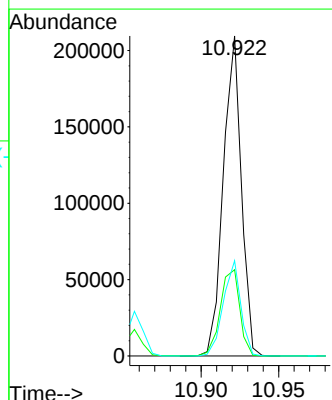
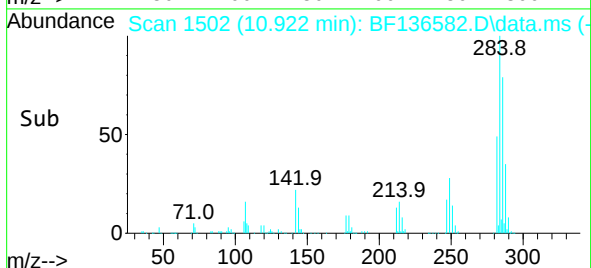
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

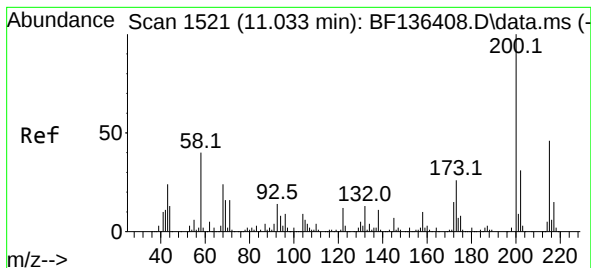


#68
Hexachlorobenzene
Concen: 44.575 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



Tgt Ion:284 Resp: 169210
Ion Ratio Lower Upper
284 100
142 26.9 26.5 39.7
249 29.7 23.4 35.0





#69

Atrazine

Concen: 52.913 ng

RT: 11.022 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136582.D

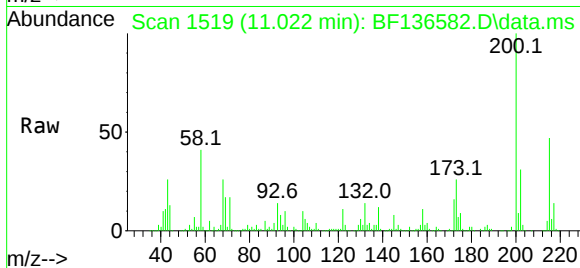
Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD



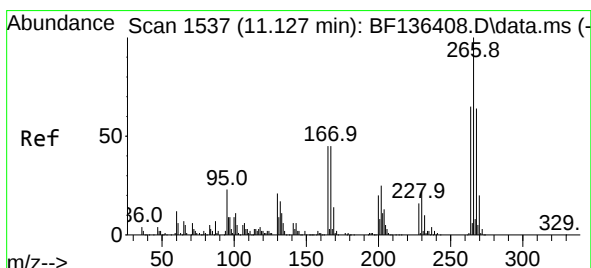
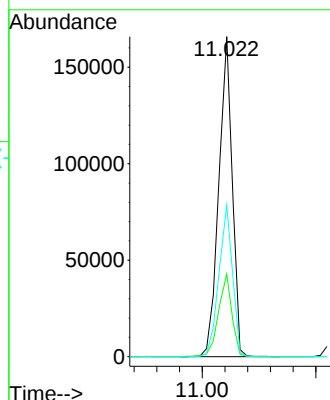
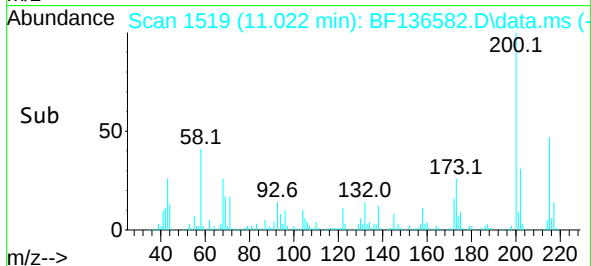
Tgt Ion:200	Resp:	136894
Ion Ratio	Lower	Upper
200	100	
173	25.8	6.0 46.0
215	47.4	25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#70

Pentachlorophenol

Concen: 90.559 ng

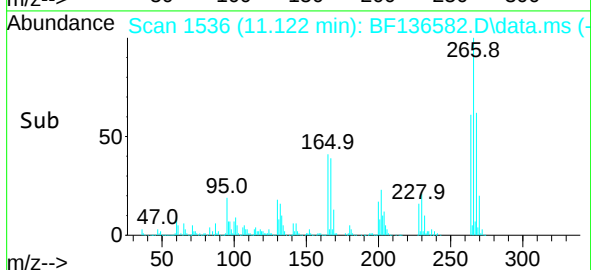
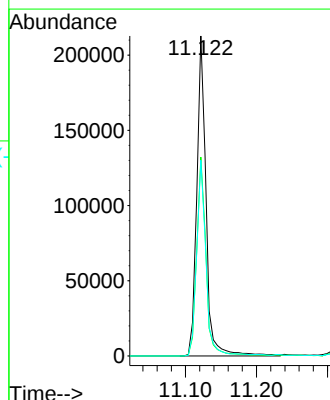
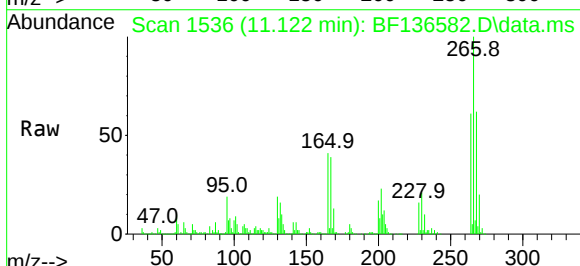
RT: 11.122 min Scan# 1536

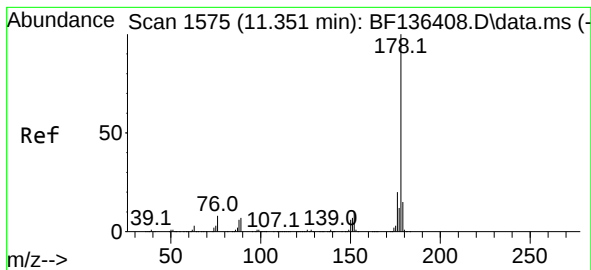
Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Tgt Ion:266	Resp:	194016
Ion Ratio	Lower	Upper
266	100	
268	62.1	51.0 76.6
264	61.2	52.2 78.4





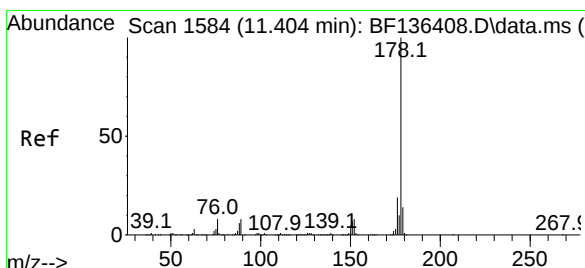
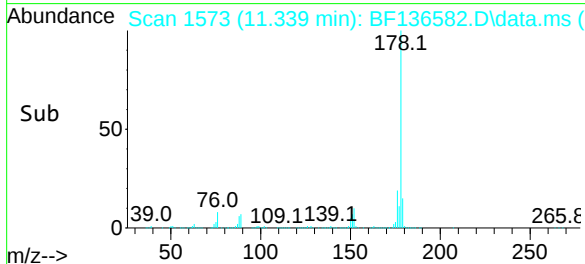
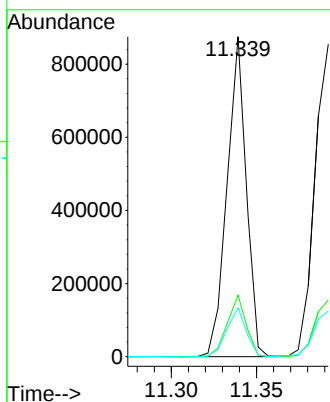
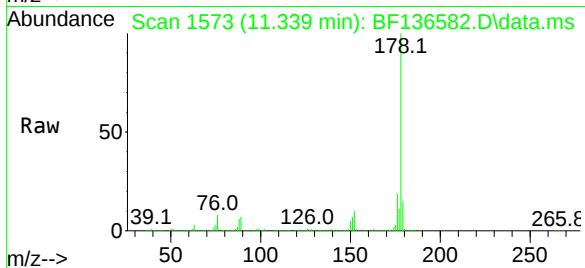
#71
Phenanthrene
Concen: 44.198 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

Tgt Ion:178 Resp: 68626
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.2 11.8 17.6

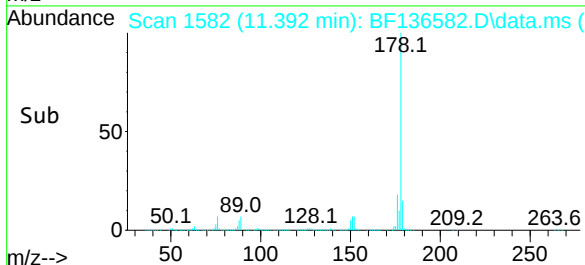
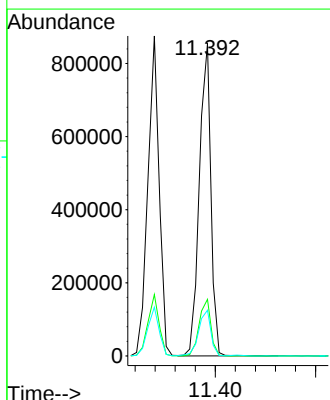
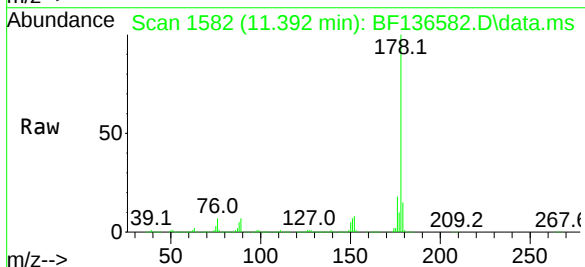
Manual Integrations
APPROVED

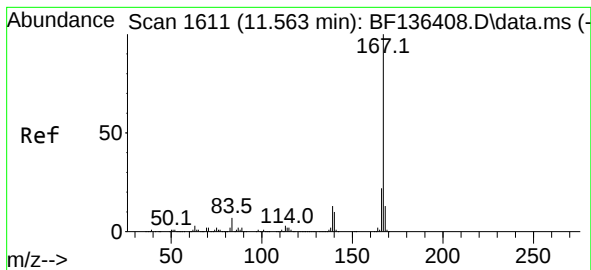
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#72
Anthracene
Concen: 43.780 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Tgt Ion:178 Resp: 684678
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 14.7 11.4 17.0





#73

Carbazole

Concen: 42.331 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01MSD

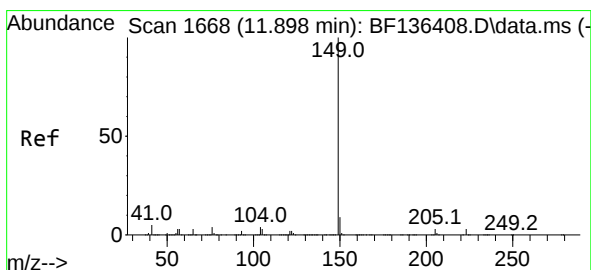
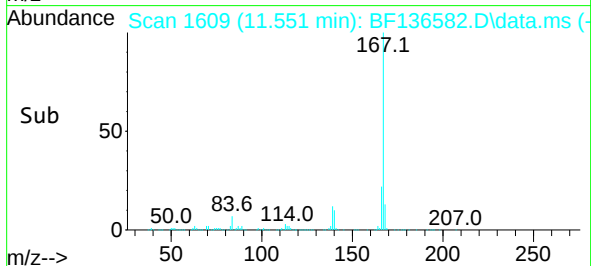
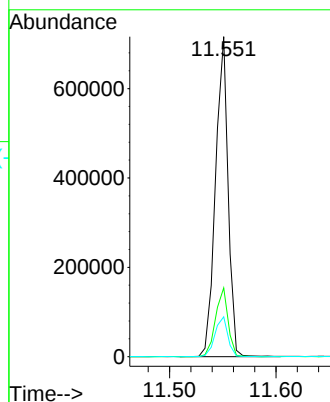
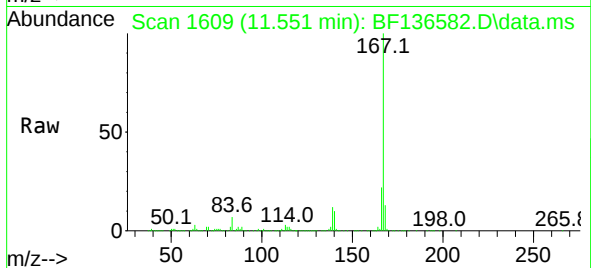
Tgt Ion:167 Resp: 585928
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 12.5 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#74

Di-n-butylphthalate

Concen: 43.171 ng

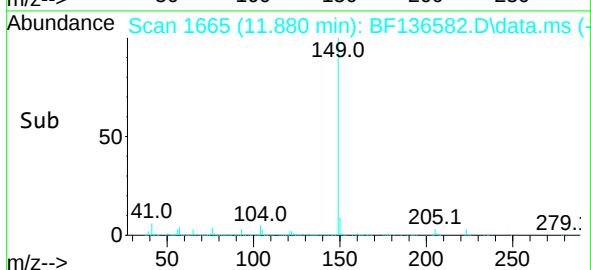
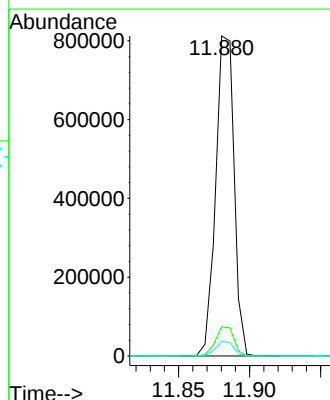
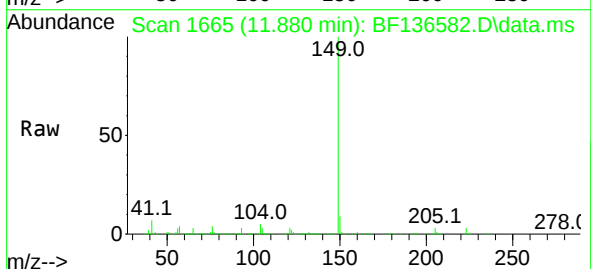
RT: 11.880 min Scan# 1665

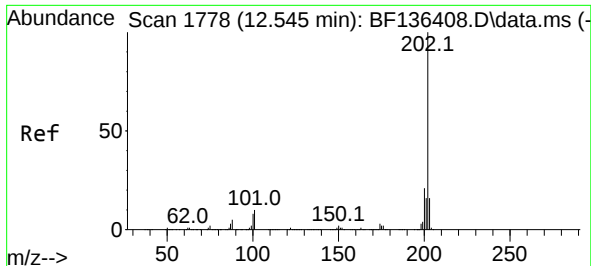
Delta R.T. -0.006 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

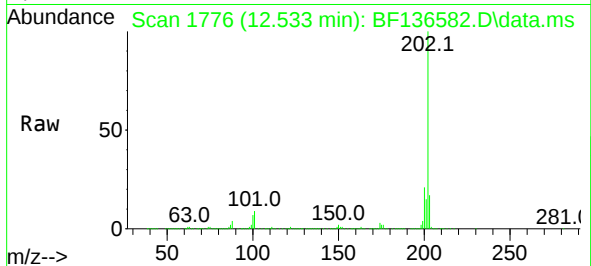
Tgt Ion:149 Resp: 732559
 Ion Ratio Lower Upper
 149 100
 150 9.1 6.9 10.3
 104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 42.483 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

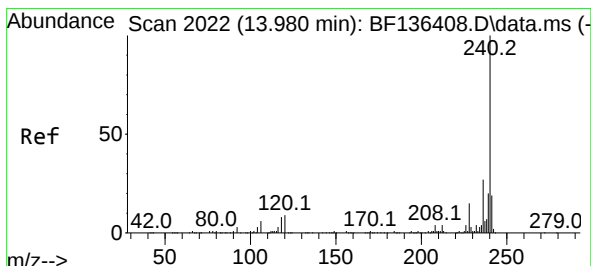
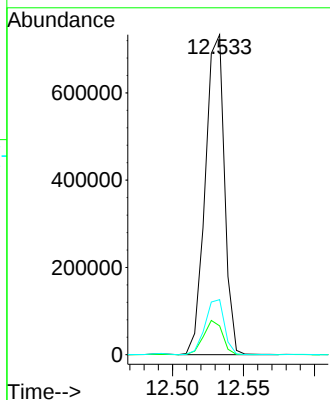
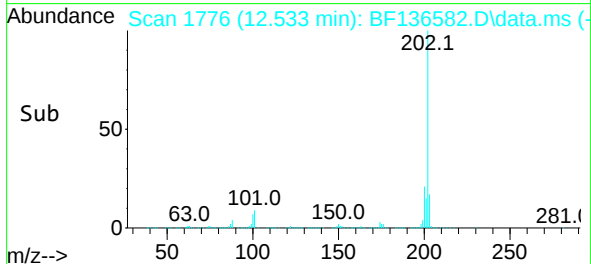
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



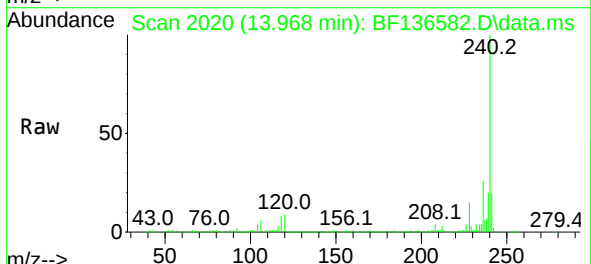
Tgt Ion:202 Resp: 691260
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.9
203 17.2 0.0 36.3

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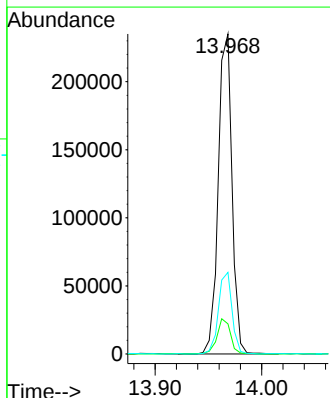
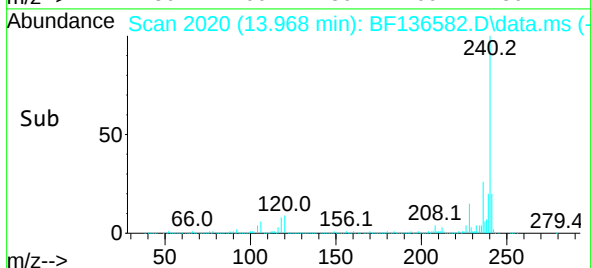
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

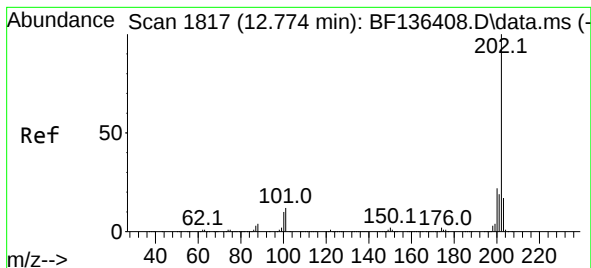


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



Tgt Ion:240 Resp: 210731
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.5 21.3 31.9





#78

Pyrene

Concen: 34.005 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Instrument :

BNA_F

ClientSampleId :

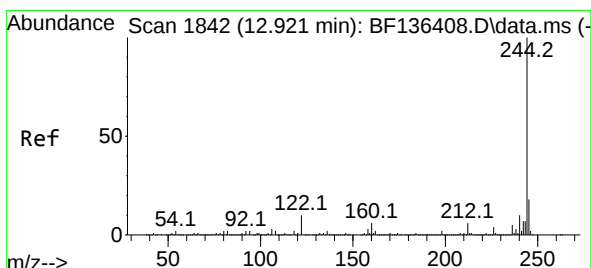
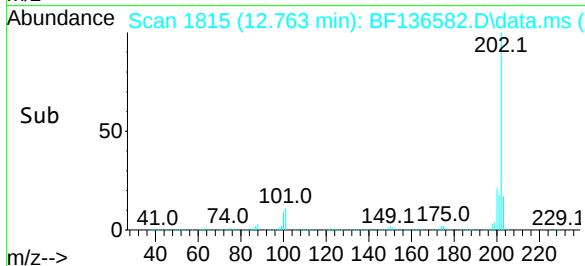
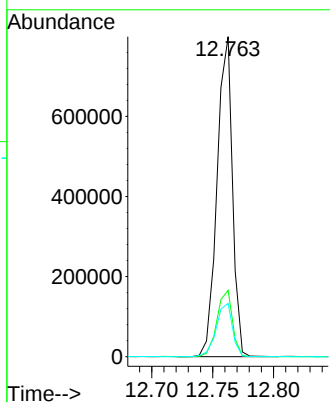
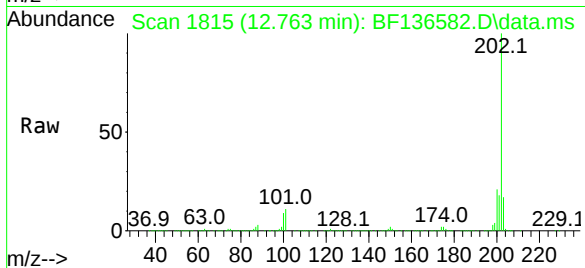
P001-WC04-01MSD

Tgt Ion:202 Resp: 701809
 Ion Ratio Lower Upper
 202 100
 200 20.7 18.0 27.0
 203 16.6 13.5 20.3

Manual Integrations

APPROVED

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



#79

Terphenyl-d14

Concen: 68.554 ng

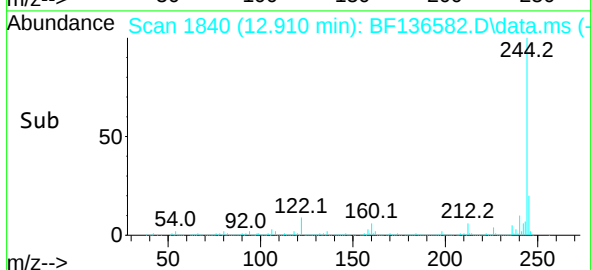
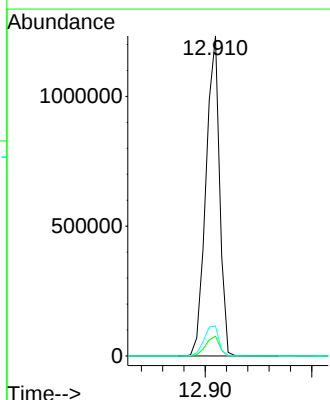
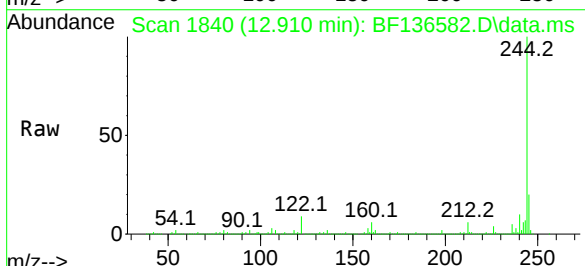
RT: 12.910 min Scan# 1840

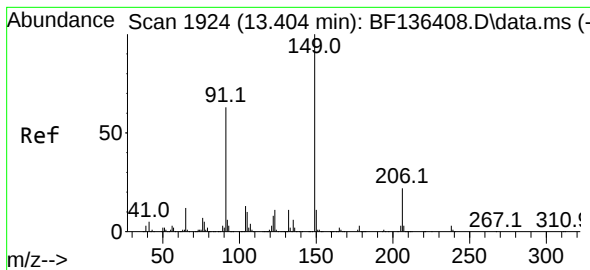
Delta R.T. -0.000 min

Lab File: BF136582.D

Acq: 14 Dec 2023 22:28

Tgt Ion:244 Resp: 1096057
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.4 8.3 12.5





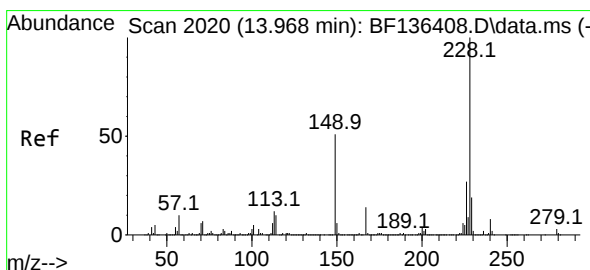
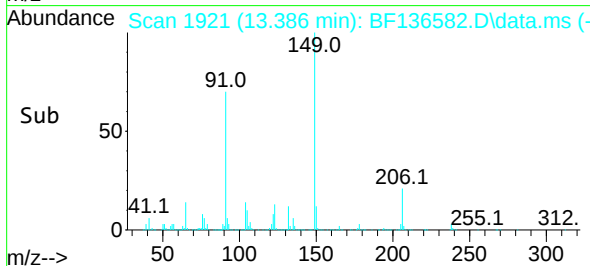
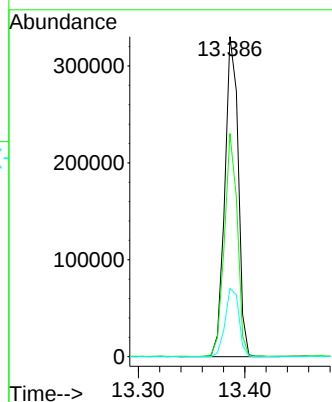
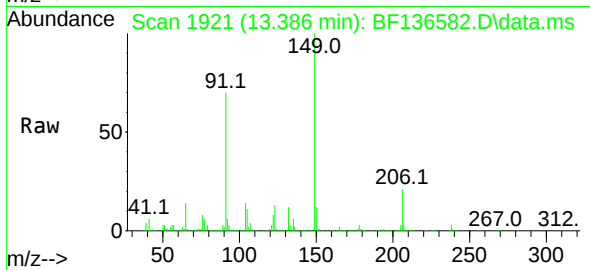
#80
Butylbenzylphthalate
Concen: 39.216 ng
RT: 13.386 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

Tgt Ion:149 Resp: 28811
Ion Ratio Lower Upper
149 100
91 69.8 50.5 75.7
206 21.4 17.4 26.2

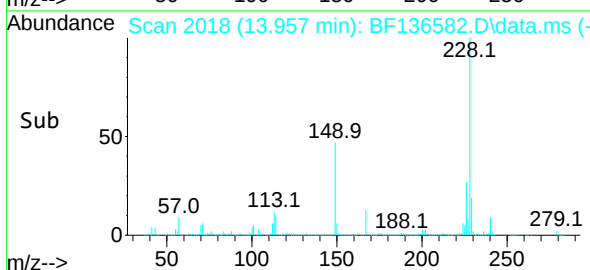
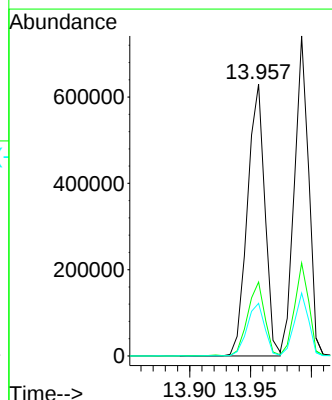
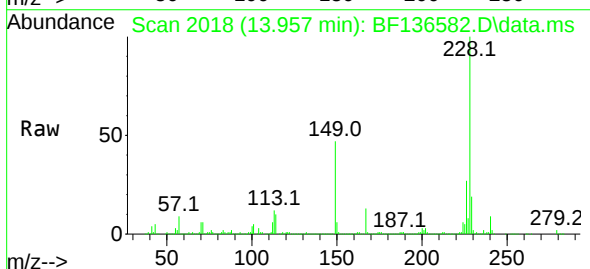
Manual Integrations
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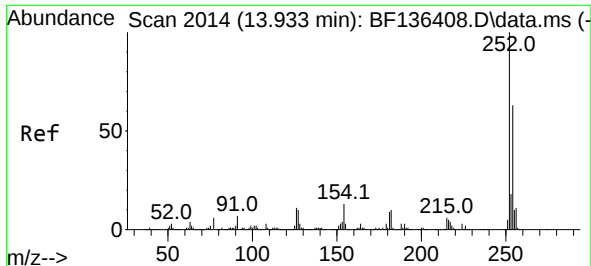
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#81
Benzo(a)anthracene
Concen: 42.829 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

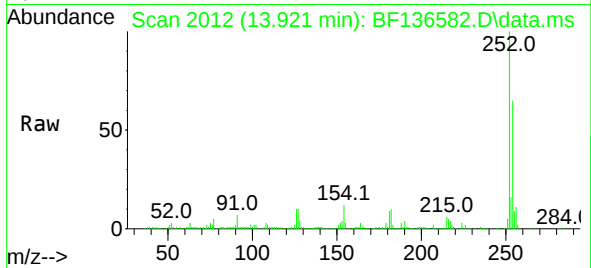
Tgt Ion:228 Resp: 628682
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.3 15.0 22.4





#82
3,3'-Dichlorobenzidine
Concen: 25.365 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

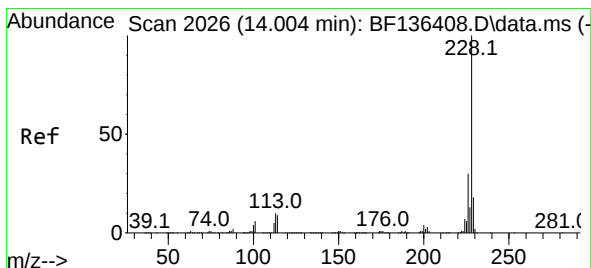
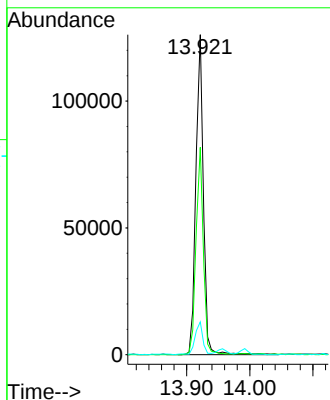
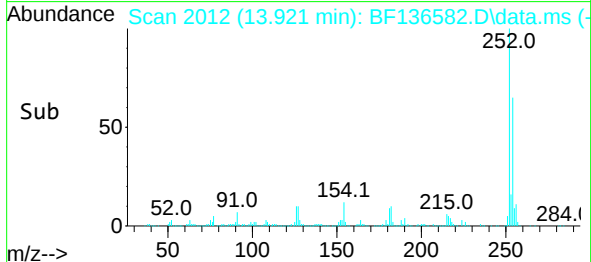
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



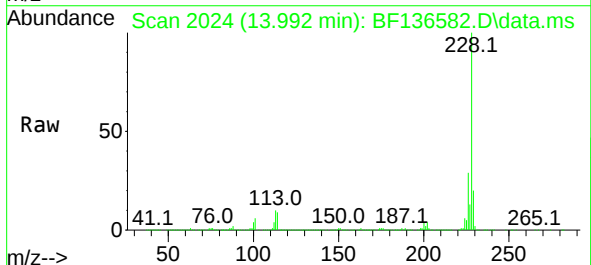
Tgt Ion:252 Resp: 10439
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.3 8.6 12.8

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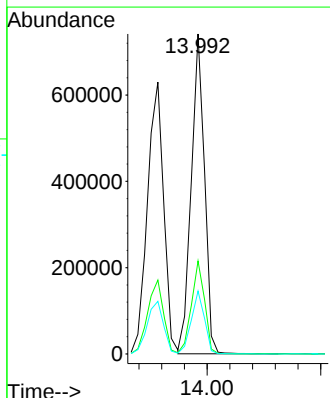
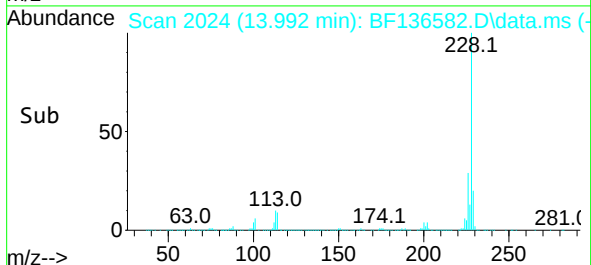
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

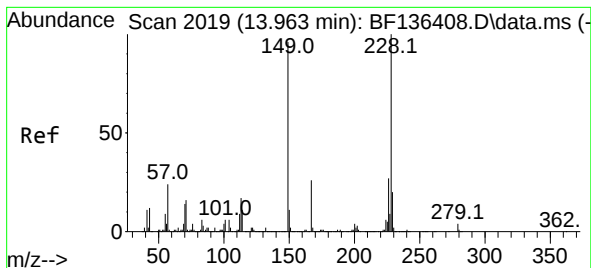


#83
Chrysene
Concen: 41.591 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28



Tgt Ion:228 Resp: 600648
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.6
229 19.7 14.8 22.2





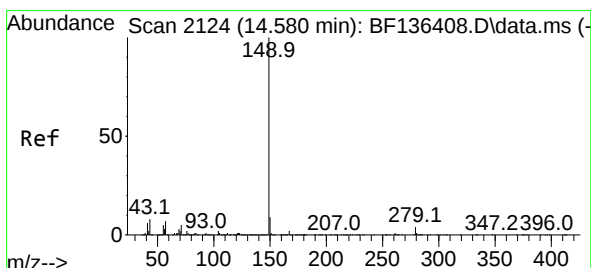
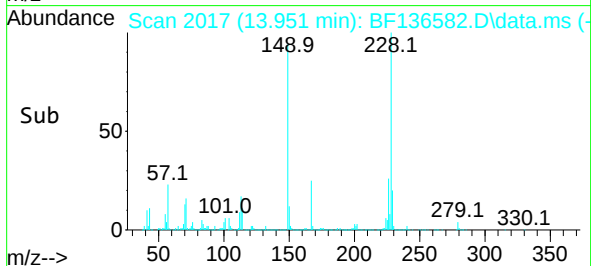
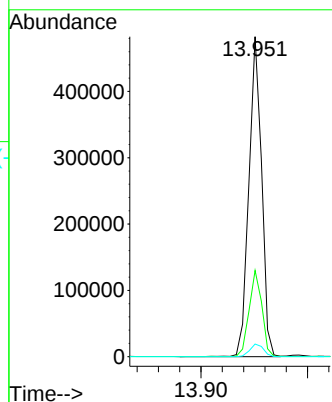
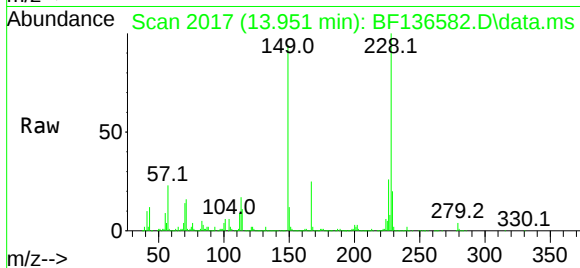
#84
Bis(2-ethylhexyl)phthalate
Concen: 44.631 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

Tgt Ion:149 Resp: 40197
Ion Ratio Lower Upper
149 100
167 26.9 21.2 31.8
279 4.0 3.1 4.7

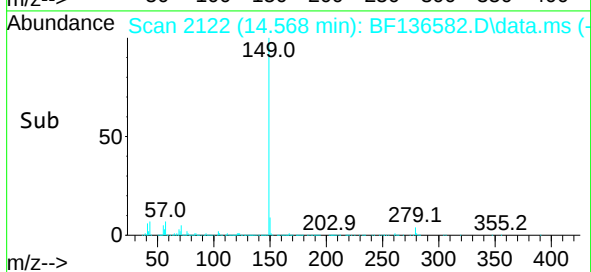
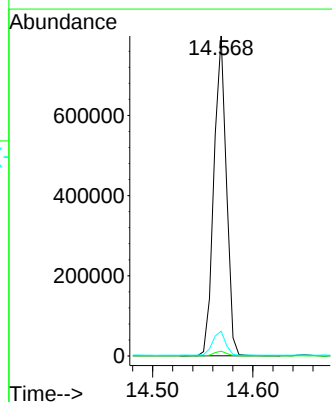
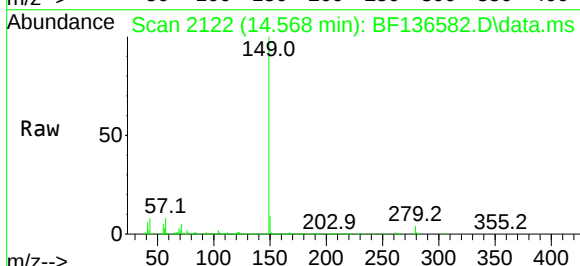
Manual Integrations
APPROVED

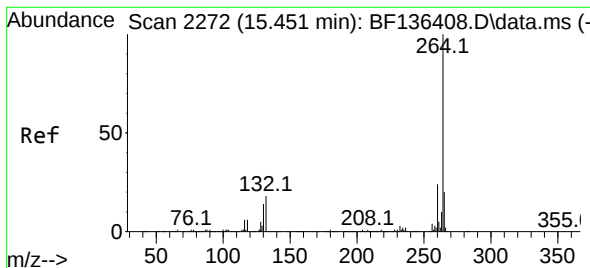
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#85
Di-n-octyl phthalate
Concen: 51.843 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

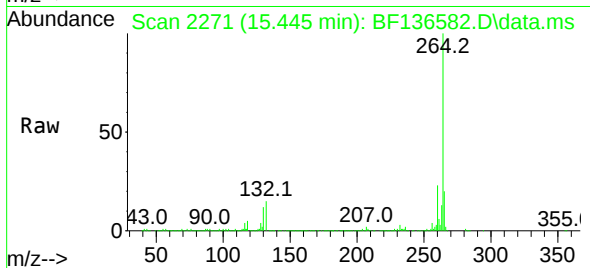
Tgt Ion:149 Resp: 689692
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.8 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

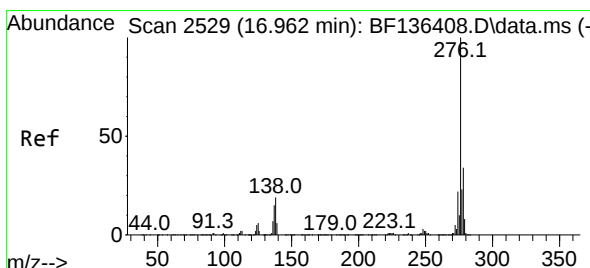
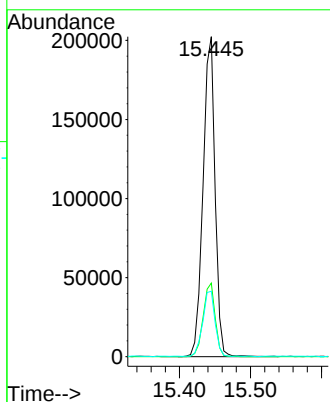
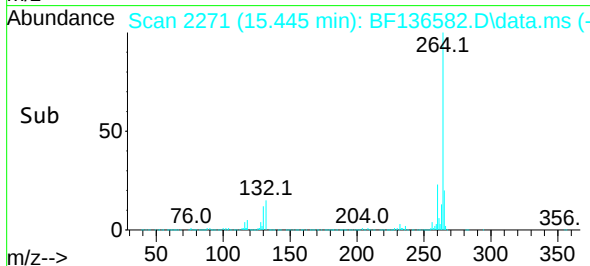
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion:264 Resp: 238690
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.4 15.9 23.9

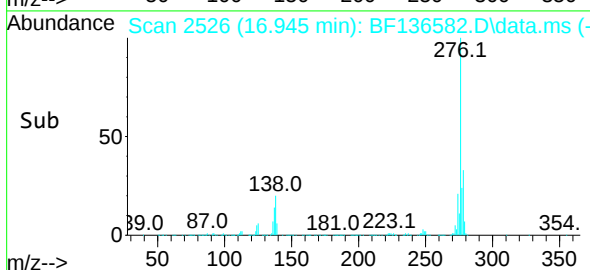
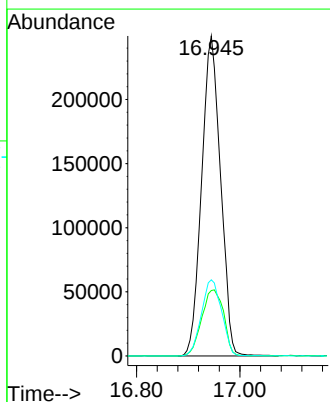
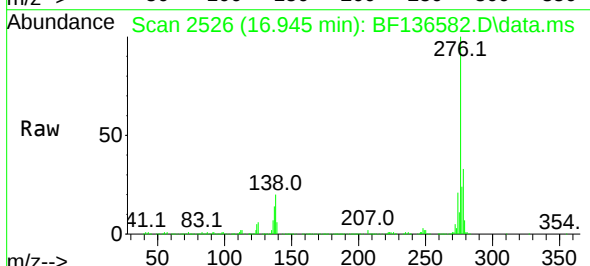
Manual Integrations
APPROVED

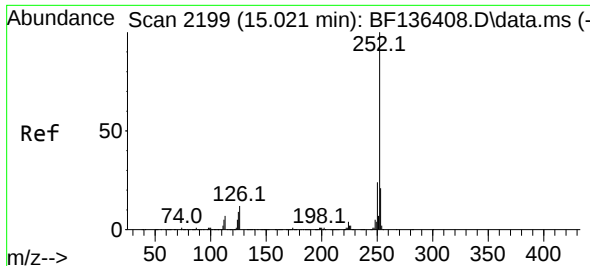
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 38.253 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

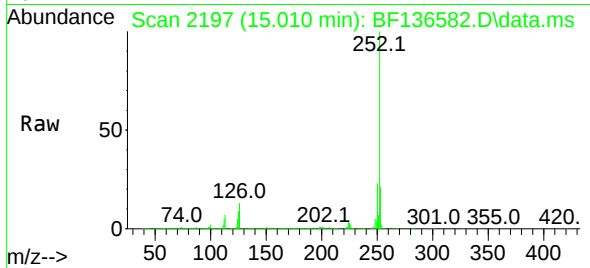
Tgt Ion:276 Resp: 634346
Ion Ratio Lower Upper
276 100
138 24.0 19.0 28.4
277 25.4 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 38.708 ng
RT: 15.010 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

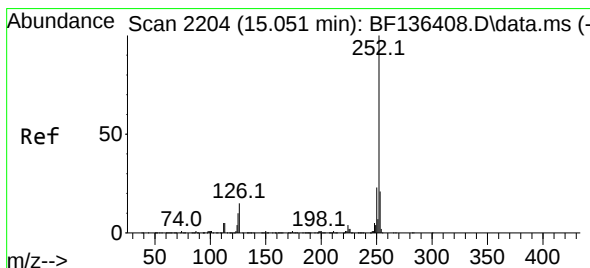
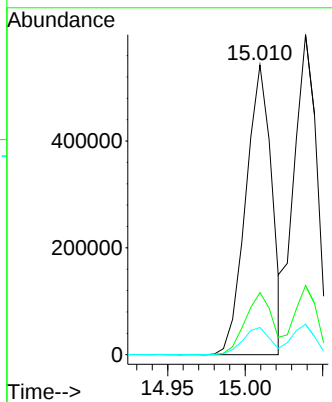
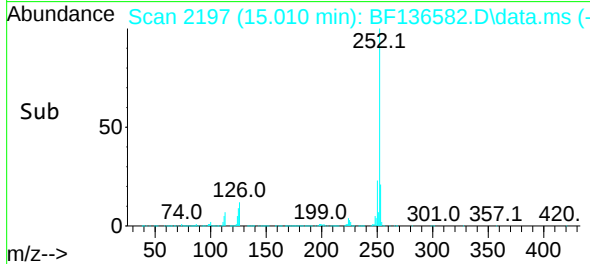
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD



Tgt Ion:252 Resp: 63172
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 9.4 7.4 11.2

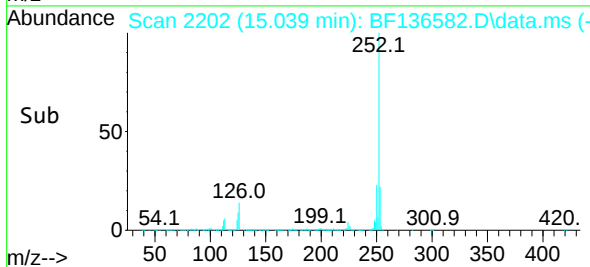
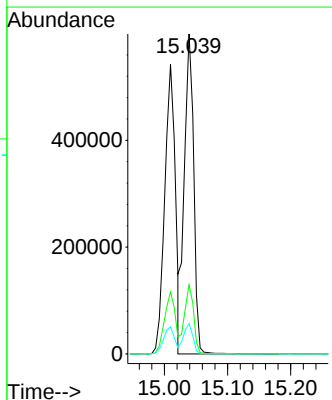
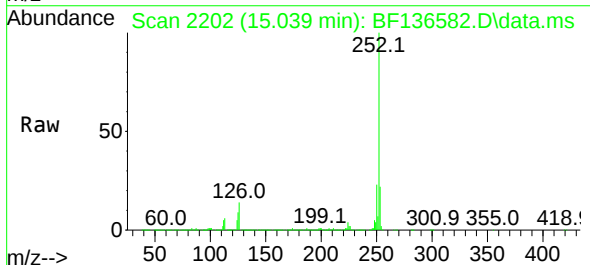
Manual Integrations
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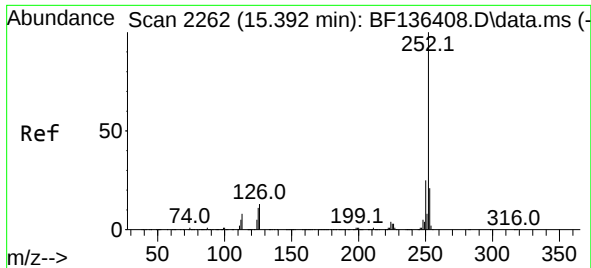
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#89
Benzo(k)fluoranthene
Concen: 40.409 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Tgt Ion:252 Resp: 621504
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 9.5 7.5 11.3





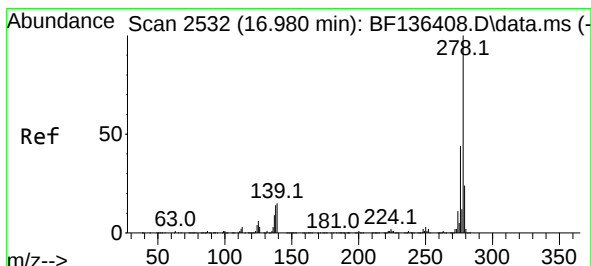
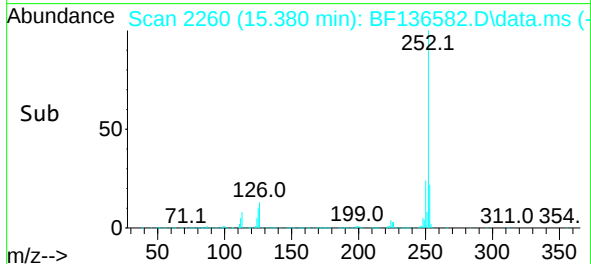
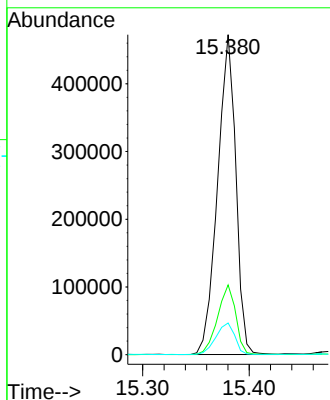
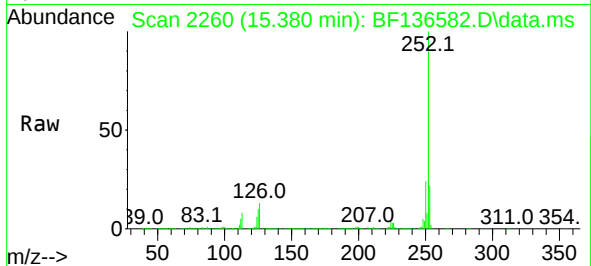
#90
Benzo(a)pyrene
Concen: 41.667 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01MSD

Tgt Ion:252 Resp: 56158
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.9 8.6 13.0

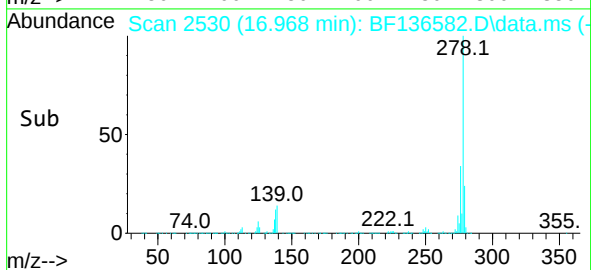
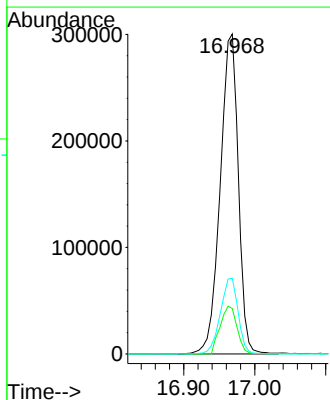
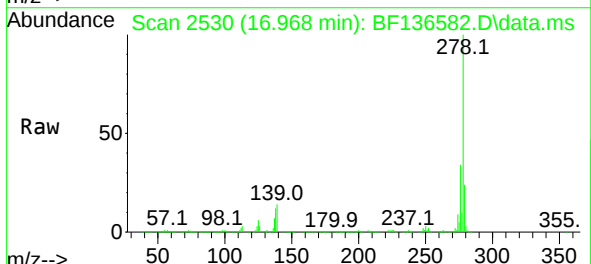
Manual Integrations
APPROVED

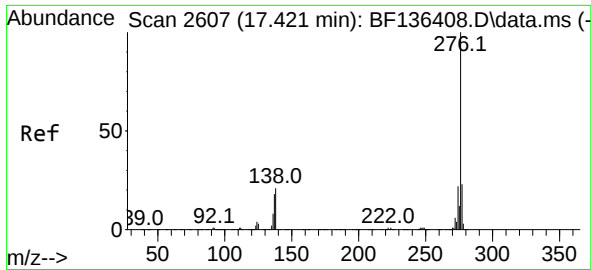
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#91
Dibenzo(a,h)anthracene
Concen: 39.083 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.006 min
Lab File: BF136582.D
Acq: 14 Dec 2023 22:28

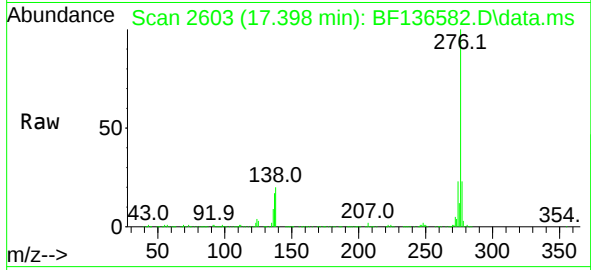
Tgt Ion:278 Resp: 530957
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 23.7 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 34.026 ng
 RT: 17.398 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF136582.D
 Acq: 14 Dec 2023 22:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-WC04-01MSD



Tgt Ion:276 Resp: 47445
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.7 28.1
 138 19.9 16.6 25.0

Manual Integrations
 APPROVED

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

