

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136529.D
 Acq On : 12 Dec 2023 22:06
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 23:21:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	86955	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	321886	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	150101	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	246765	20.000	ng	0.00
76) Chrysene-d12	13.980	240	220677	20.000	ng	0.00
86) Perylene-d12	15.456	264	213219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	457257	77.660	ng	0.00
7) Phenol-d6	6.439	99	546103	74.339	ng	0.00
23) Nitrobenzene-d5	7.363	82	467227	78.470	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	127843	69.076	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	896740	81.519	ng	-0.01
79) Terphenyl-d14	12.915	244	924975	55.246	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	96036	41.237	ng	97
3) Pyridine	3.298	79	248963	44.144	ng	96
4) n-Nitrosodimethylamine	3.269	42	95969	39.167	ng	98
6) Aniline	6.463	93	333460	44.916	ng	98
8) 2-Chlorophenol	6.586	128	239252	37.221	ng	99
9) Benzaldehyde	6.351	77	148492	39.994	ng	95
10) Phenol	6.457	94	291989	37.353	ng	85
11) bis(2-Chloroethyl)ether	6.539	93	210400	36.110	ng	96
12) 1,3-Dichlorobenzene	6.739	146	246991	34.168	ng	97
13) 1,4-Dichlorobenzene	6.816	146	250809	34.203	ng	99
14) 1,2-Dichlorobenzene	6.969	146	238511	34.589	ng	98
15) Benzyl Alcohol	6.939	79	186883	37.991	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	248600	33.174	ng	97
17) 2-Methylphenol	7.057	107	198282	38.182	ng	98
18) Hexachloroethane	7.304	117	81151	31.697	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	145424	34.317	ng	99
20) 3+4-Methylphenols	7.210	107	245073	38.020	ng	95
22) Acetophenone	7.204	105	311239	39.157	ng	97
24) Nitrobenzene	7.381	77	226665	37.842	ng	94
25) Isophorone	7.616	82	393523	36.787	ng	98
26) 2-Nitrophenol	7.692	139	114582	38.911	ng	95
27) 2,4-Dimethylphenol	7.733	122	180970	49.841	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	246230	37.459	ng	97
29) 2,4-Dichlorophenol	7.933	162	182267	38.030	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	202397	36.217	ng	100
31) Naphthalene	8.098	128	655294	36.916	ng	99
32) Benzoic acid	7.839	122	113008m	31.374	ng	
33) 4-Chloroaniline	8.145	127	271993	42.981	ng	98
34) Hexachlorobutadiene	8.210	225	116656	35.222	ng	100
35) Caprolactam	8.516	113	54745m	37.092	ng	
36) 4-Chloro-3-methylphenol	8.633	107	186508	36.651	ng	98
37) 2-Methylnaphthalene	8.786	142	427666	37.871	ng	96
38) 1-Methylnaphthalene	8.886	142	394717	35.620	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	194076	41.559	ng	98
41) Hexachlorocyclopentadiene	8.939	237	20712	11.972	ng	93
43) 2,4,6-Trichlorophenol	9.069	196	118655	39.023	ng	98

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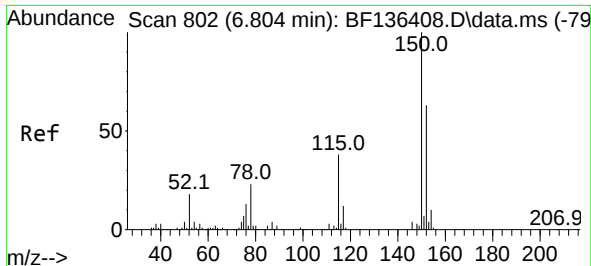
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	135319	39.874	ng	94
46) 1,1'-Biphenyl	9.251	154	518952	40.632	ng	96
47) 2-Chloronaphthalene	9.275	162	373484	37.571	ng	98
48) 2-Nitroaniline	9.374	65	108071	40.534	ng	96
49) Acenaphthylene	9.692	152	562584	39.728	ng	98
50) Dimethylphthalate	9.557	163	443978	40.176	ng	99
51) 2,6-Dinitrotoluene	9.622	165	95682	38.486	ng	90
52) Acenaphthene	9.863	154	346434	38.177	ng	95
53) 3-Nitroaniline	9.786	138	105140	41.414	ng	89
54) 2,4-Dinitrophenol	9.898	184	8195	6.520	ng	# 92
55) Dibenzofuran	10.039	168	517295	39.022	ng	98
56) 4-Nitrophenol	9.951	139	65364	34.344	ng	97
57) 2,4-Dinitrotoluene	10.022	165	116797	35.513	ng	97
58) Fluorene	10.380	166	389915	36.641	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	95848	35.259	ng	99
60) Diethylphthalate	10.257	149	407919	37.538	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	196678	37.913	ng	97
62) 4-Nitroaniline	10.398	138	100824	39.995	ng	96
63) Azobenzene	10.533	77	350585	35.445	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	19456	12.731	ng	86
66) n-Nitrosodiphenylamine	10.492	169	341415	43.118	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	116142	40.481	ng	99
68) Hexachlorobenzene	10.927	284	122423	36.919	ng	98
69) Atrazine	11.021	200	62993	27.873	ng	99
70) Pentachlorophenol	11.127	266	62546	33.421	ng	98
71) Phenanthrene	11.345	178	544941	40.178	ng	98
72) Anthracene	11.398	178	553594	40.523	ng	98
73) Carbazole	11.557	167	478454	39.570	ng	99
74) Di-n-butylphthalate	11.892	149	564814	38.105	ng	99
75) Fluoranthene	12.539	202	578522	40.702	ng	99
77) Benzidine	12.668	184	168798	35.978	ng	99
78) Pyrene	12.768	202	604252	27.959	ng	97
80) Butylbenzylphthalate	13.398	149	240292	31.233	ng	99
81) Benzo(a)anthracene	13.968	228	598836	38.957	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	208992	48.491	ng	99
83) Chrysene	14.004	228	578718	38.266	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	329761	34.963	ng	98
85) Di-n-octyl phthalate	14.580	149	612624	43.974	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	412002	27.814	ng	99
88) Benzo(b)fluoranthene	15.027	252	557261	38.225	ng	99
89) Benzo(k)fluoranthene	15.056	252	541382	39.405	ng	98
90) Benzo(a)pyrene	15.398	252	492430	40.901	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	356496	29.377	ng	97
92) Benzo(g,h,i)perylene	17.415	276	321337	25.799	ng	98

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



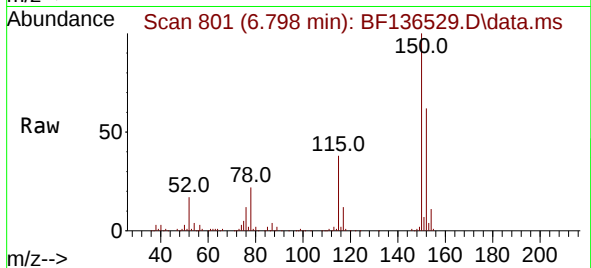
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

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SSTDCCC040EC



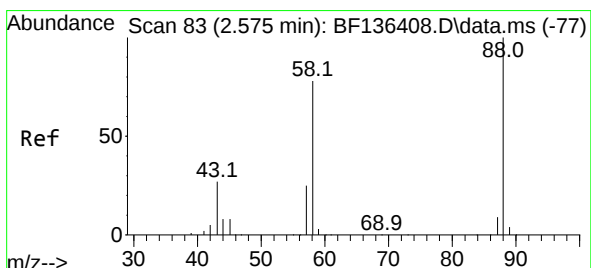
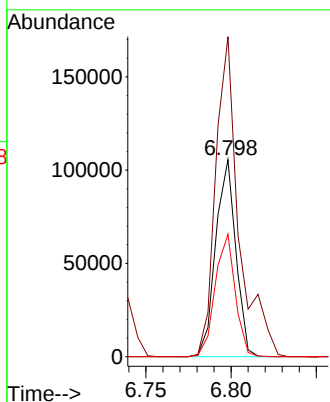
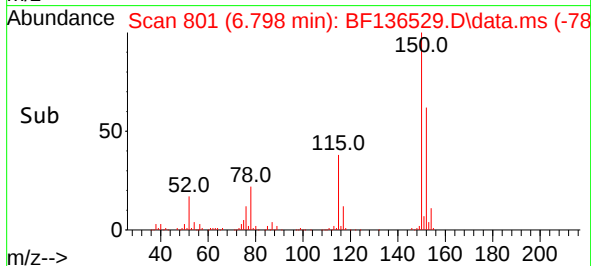
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Ion Ratio Lower Upper
152 100
150 162.4 126.4 189.6
115 62.1 48.2 72.4

Manual Integrations

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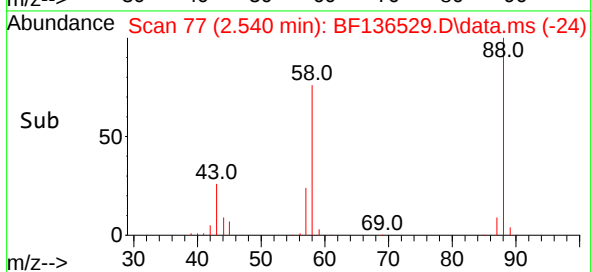
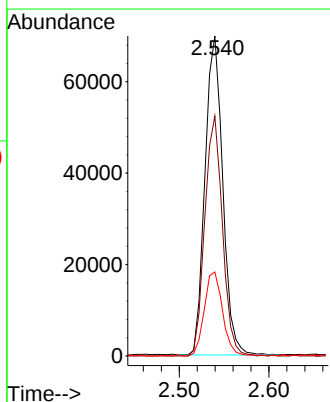
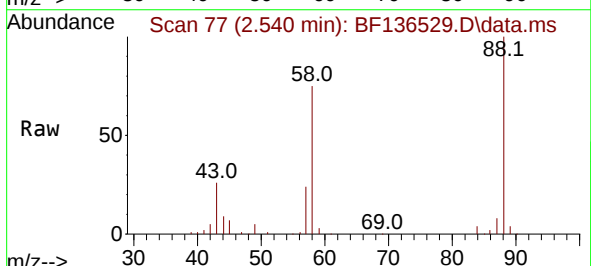
Reviewed By :Yogesh Patel 12/14/2023

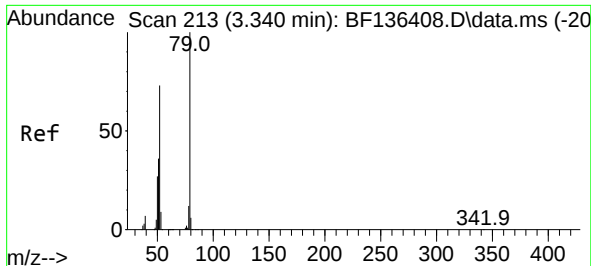
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 41.237 ng
RT: 2.540 min Scan# 77
Delta R.T. -0.035 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion: 88 Resp: 96036
Ion Ratio Lower Upper
88 100
58 74.7 62.2 93.2
43 27.2 21.5 32.3





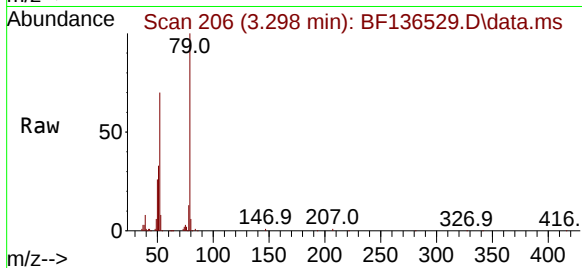
#3
Pyridine
Concen: 44.144 ng
RT: 3.298 min Scan# 20
Delta R.T. -0.041 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

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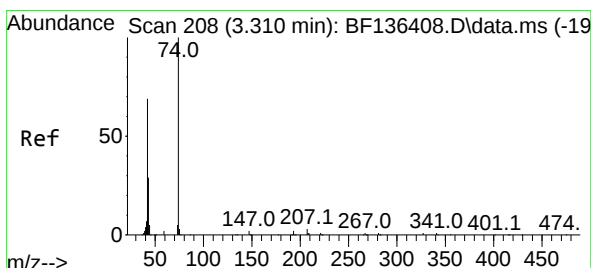
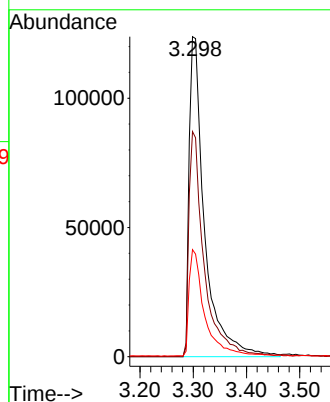
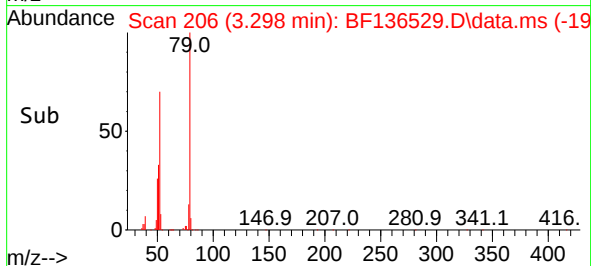
Tgt Ion: 79 Resp: 24896
Ion Ratio Lower Upper
79 100
52 70.3 58.2 87.2
51 33.5 29.1 43.7

Manual Integrations

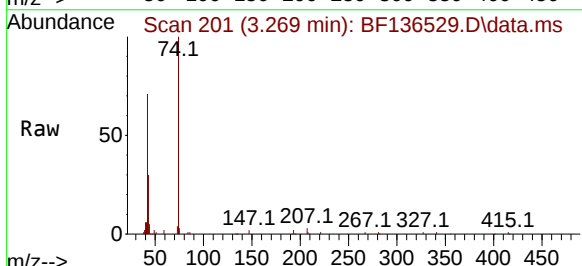
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Reviewed By :Yogesh Patel 12/14/2023

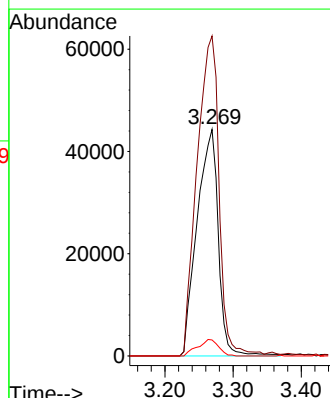
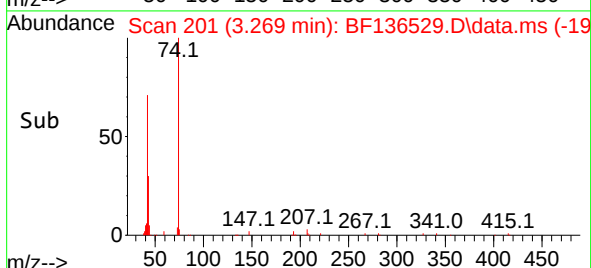
Supervised By :mohammad ahmed 12/14/2023

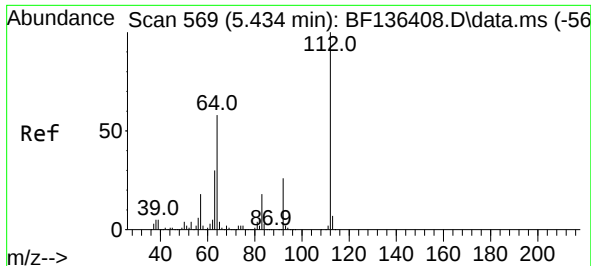


#4
n-Nitrosodimethylamine
Concen: 39.167 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.041 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion: 42 Resp: 95969
Ion Ratio Lower Upper
42 100
74 141.2 115.4 173.0
44 7.1 6.2 9.2





#5
2-Fluorophenol
Concen: 77.660 ng
RT: 5.434 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

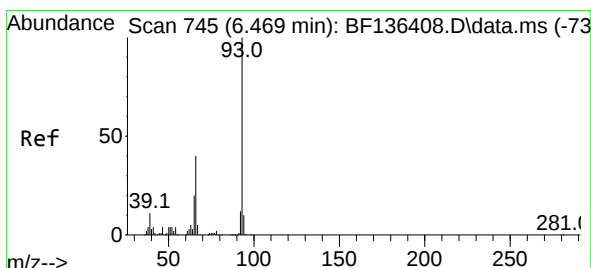
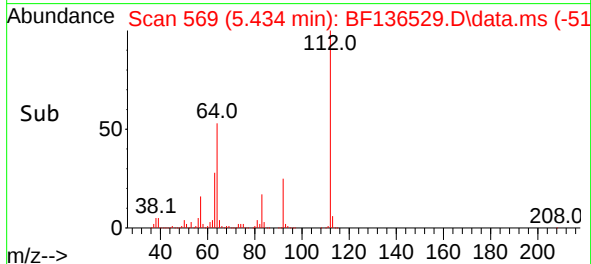
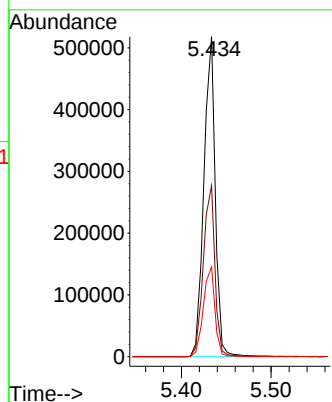
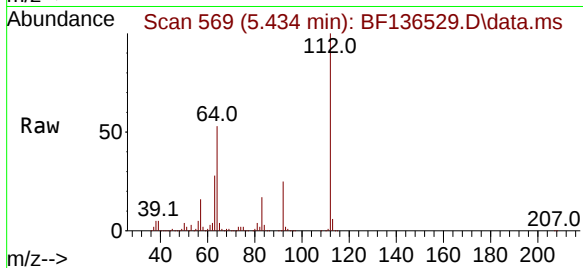
ClientSampleId :

SSTDCCC040EC

Tgt Ion:112 Resp: 45725
Ion Ratio Lower Upper
112 100
64 53.5 46.5 69.7
63 28.0 23.9 35.9

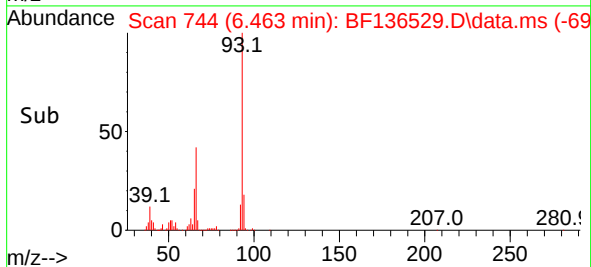
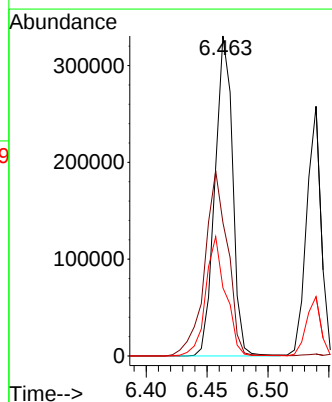
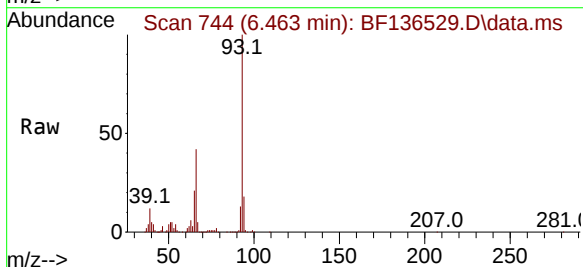
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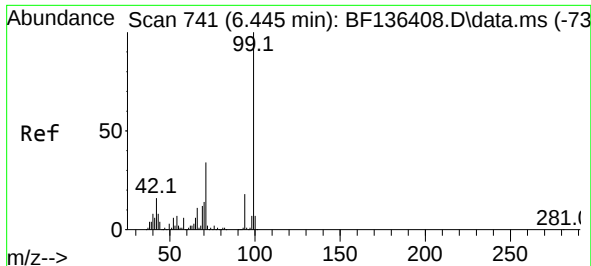
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 44.916 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion: 93 Resp: 333460
Ion Ratio Lower Upper
93 100
66 41.7 32.5 48.7
65 21.3 16.4 24.6





#7

Phenol-d6

Concen: 74.339 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 54610

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

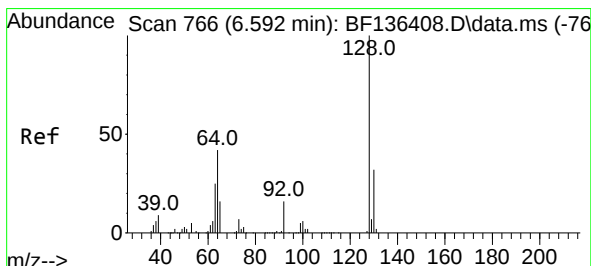
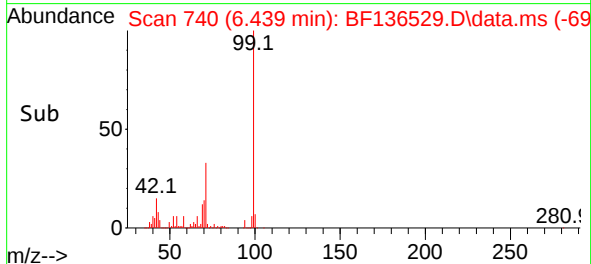
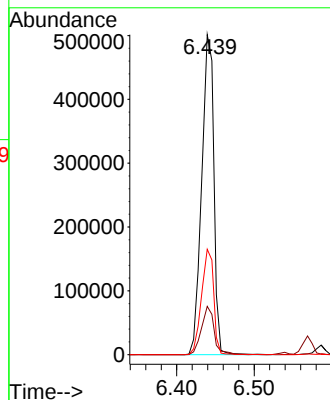
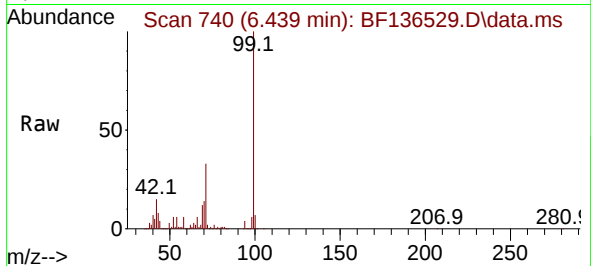
71 32.9 27.0 40.4

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#8

2-Chlorophenol

Concen: 37.221 ng

RT: 6.586 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

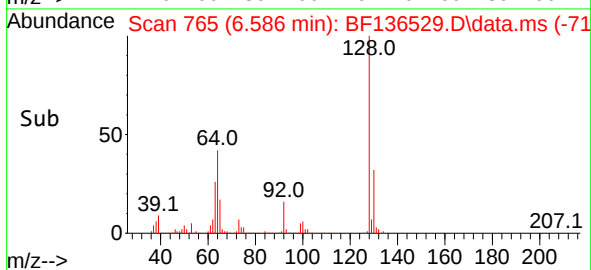
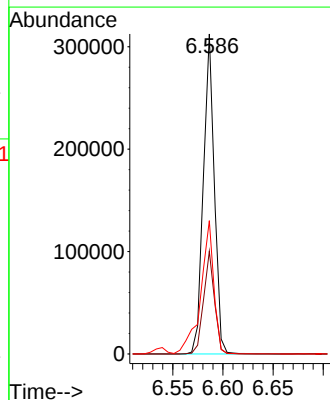
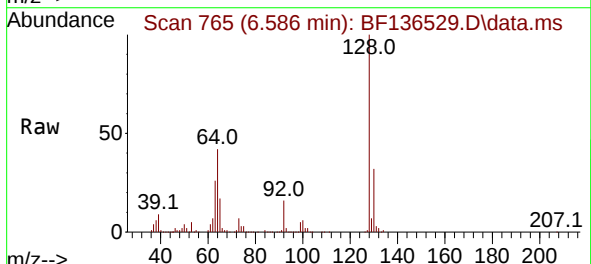
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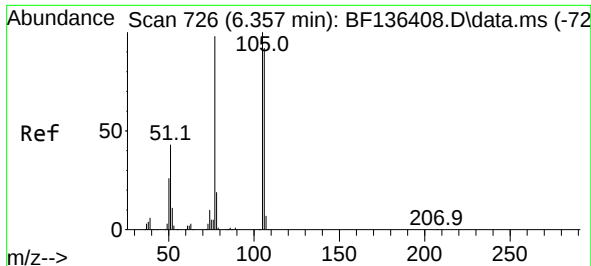
Ion Ratio Lower Upper

128 100

130 32.1 11.7 51.7

64 41.7 22.5 62.5





#9

Benzaldehyde

Concen: 39.994 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 148492

Ion Ratio Lower Upper

77 100

105 104.6 82.5 122.5

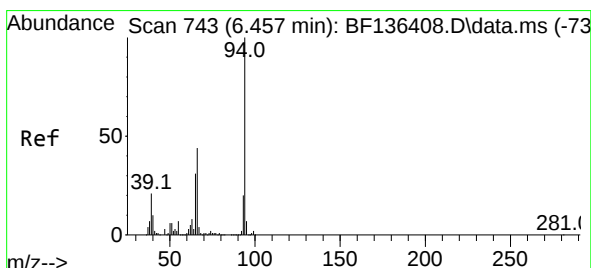
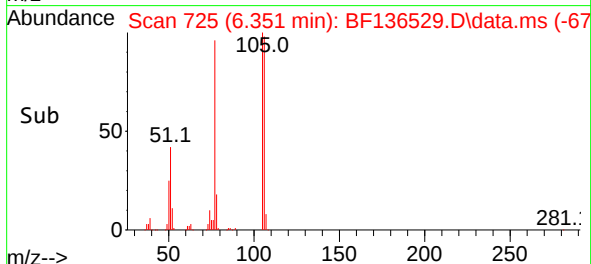
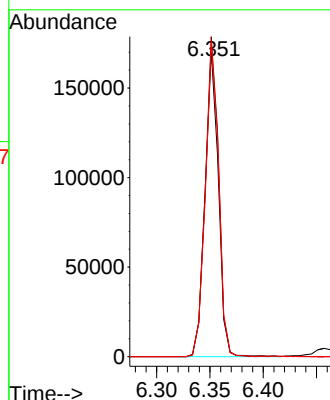
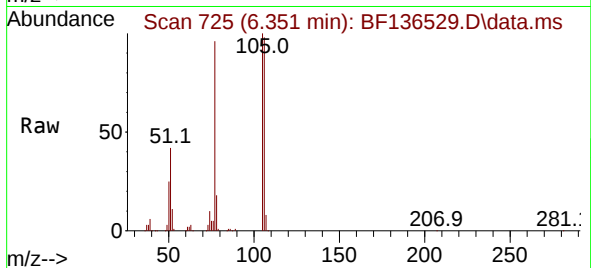
106 103.0 74.5 114.5

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#10

Phenol

Concen: 37.353 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

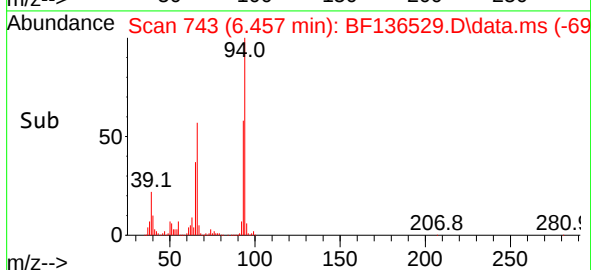
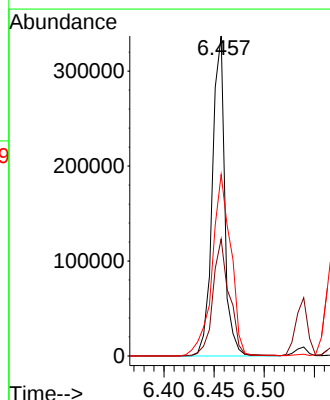
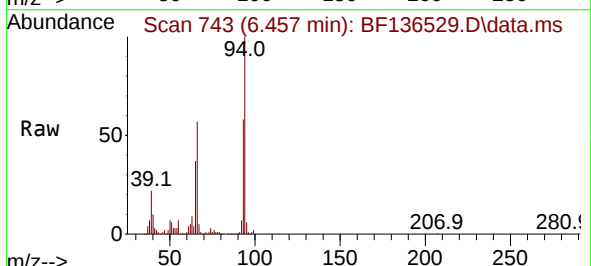
Tgt Ion: 94 Resp: 291989

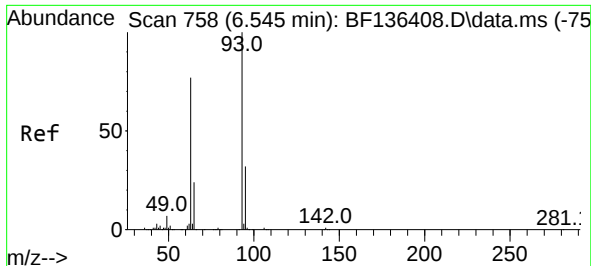
Ion Ratio Lower Upper

94 100

65 36.6 11.2 51.2

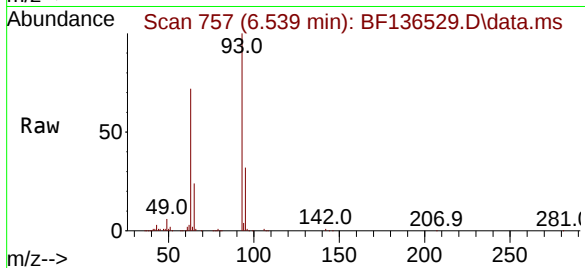
66 56.7 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 36.110 ng
RT: 6.539 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

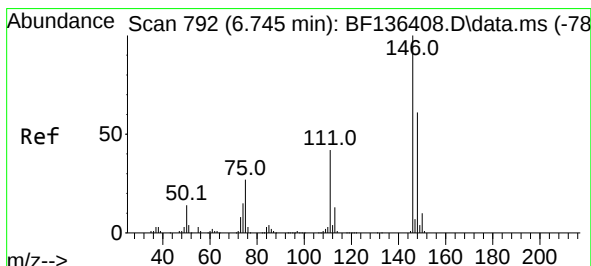
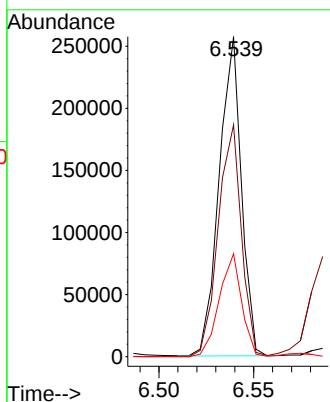
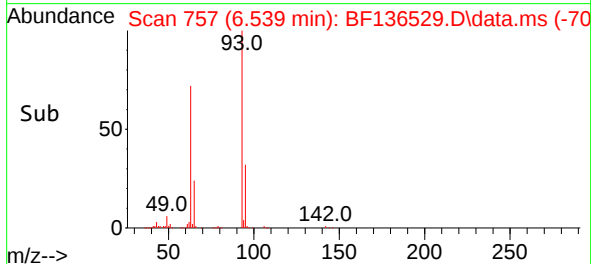
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 93 Resp: 210400
Ion Ratio Lower Upper
93 100
63 72.4 56.8 96.8
95 32.2 11.8 51.8

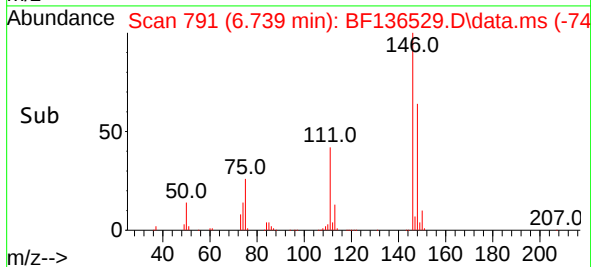
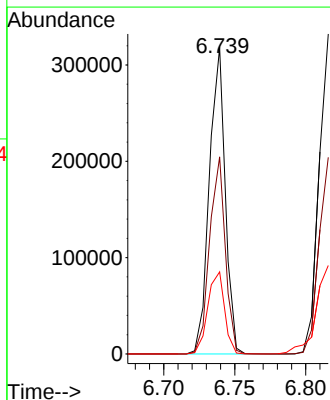
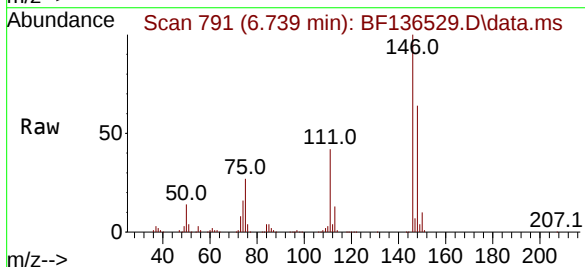
Manual Integrations
APPROVED

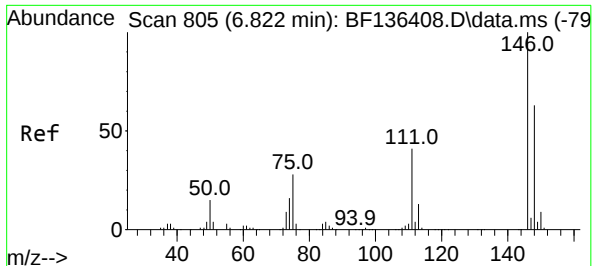
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 34.168 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:146 Resp: 246991
Ion Ratio Lower Upper
146 100
148 64.3 49.0 73.6
75 26.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 34.203 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 250809

Ion Ratio Lower Upper

146 100

148 61.5 50.3 75.5

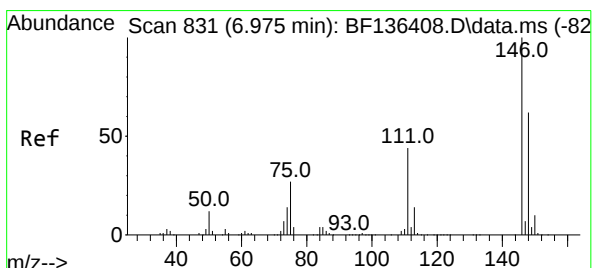
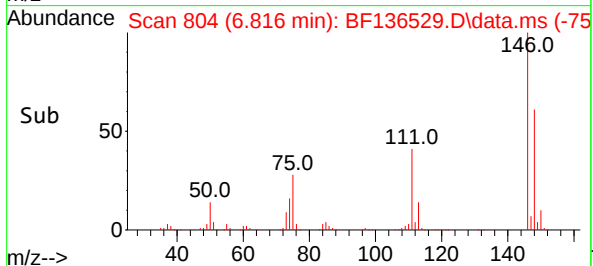
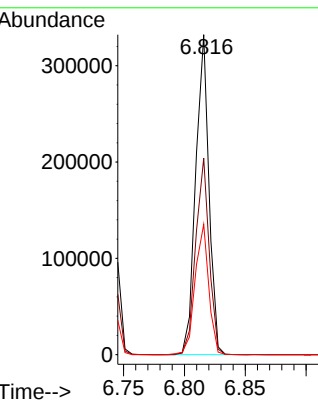
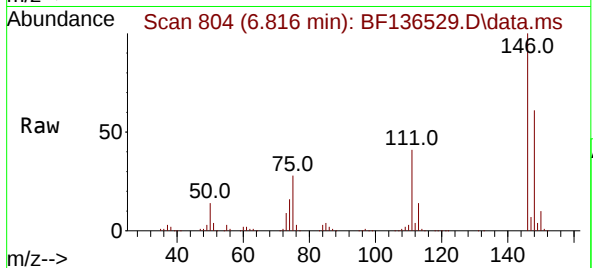
111 40.7 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 34.589 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

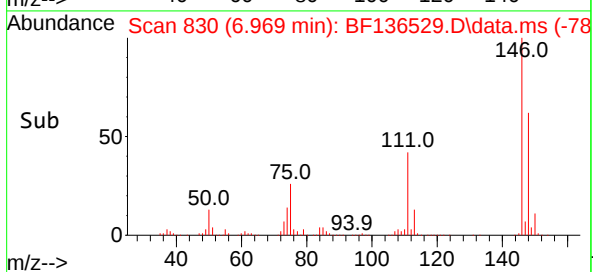
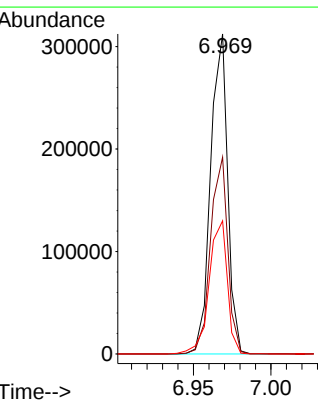
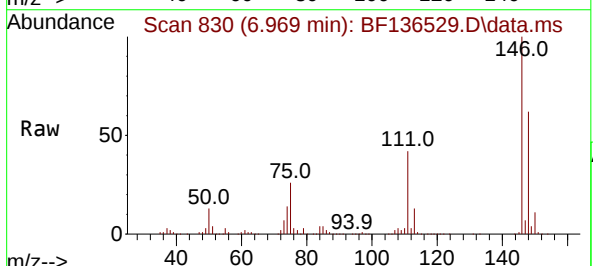
Tgt Ion:146 Resp: 238511

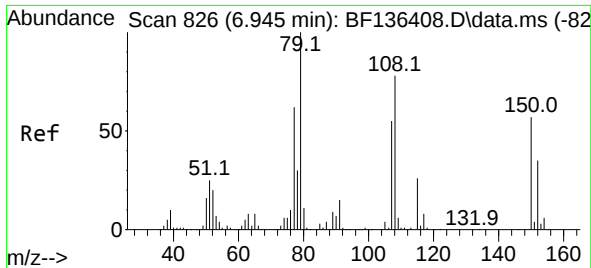
Ion Ratio Lower Upper

146 100

148 61.5 49.8 74.6

111 41.6 34.9 52.3





#15
Benzyl Alcohol
Concen: 37.991 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

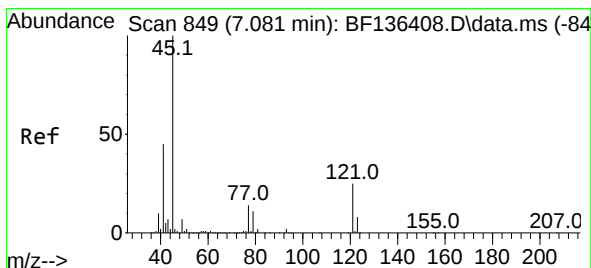
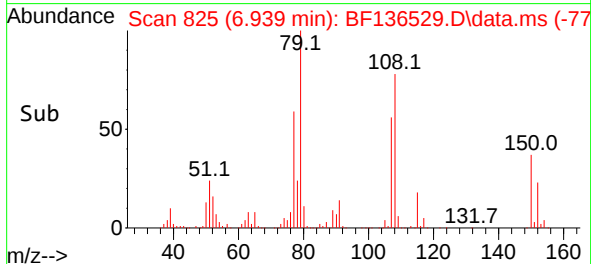
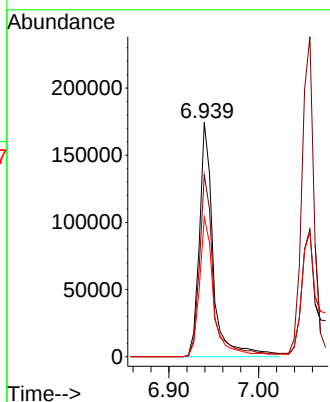
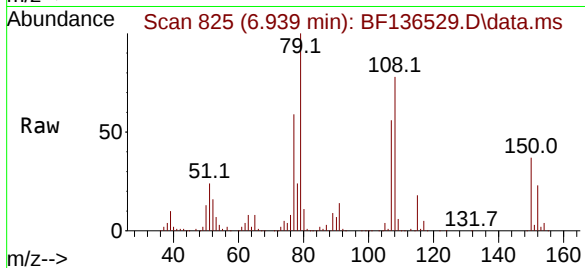
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 18688
Ion Ratio Lower Upper
79 100
108 77.6 62.3 93.5
77 59.5 49.8 74.8

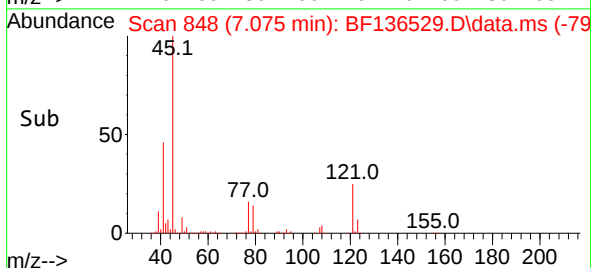
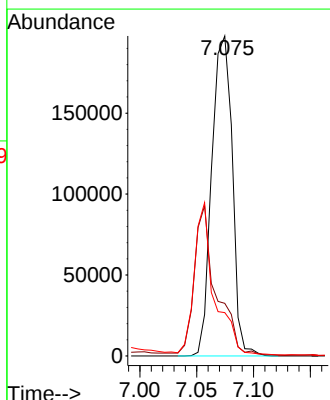
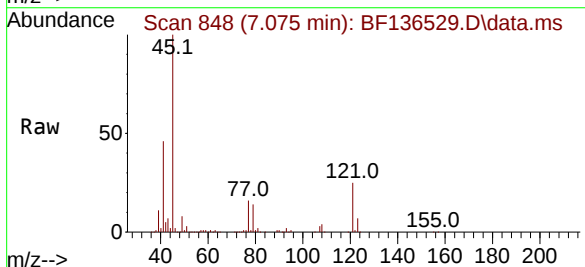
Manual Integrations
APPROVED

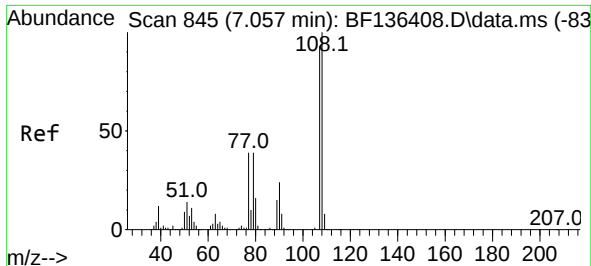
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.174 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion: 45 Resp: 248600
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.3
79 13.5 0.0 32.5





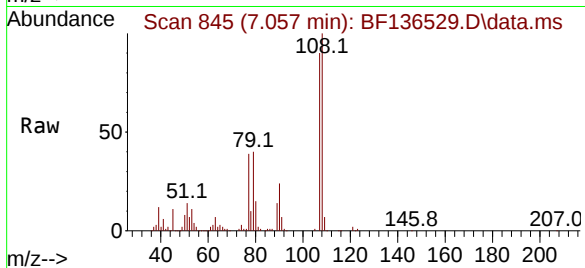
#17
2-Methylphenol
Concen: 38.182 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

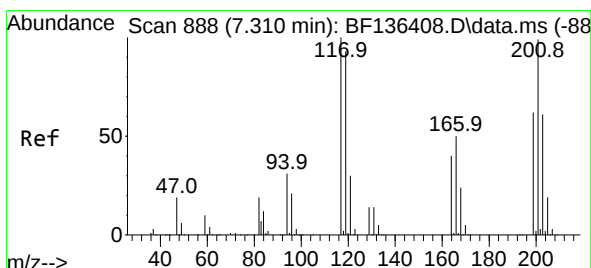
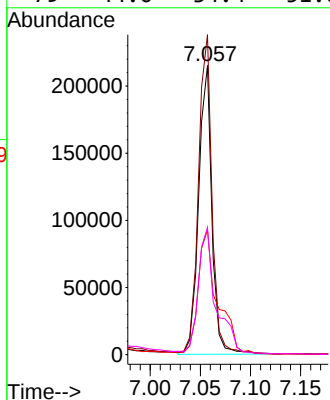
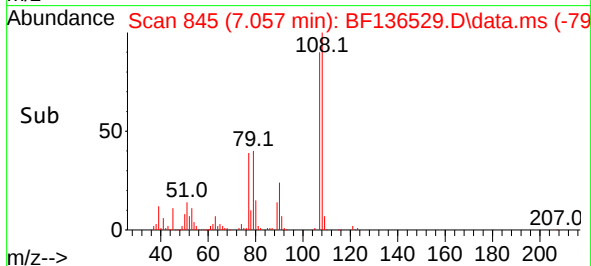


Tgt Ion:107 Resp: 19828
Ion Ratio Lower Upper
107 100
108 110.7 86.5 129.7
77 43.1 33.8 50.8
79 44.0 34.4 51.6

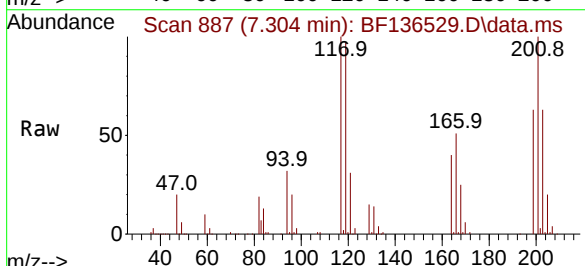
Manual Integrations

APPROVED

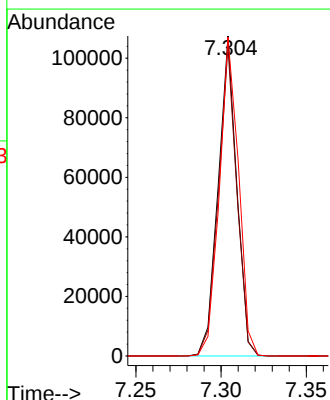
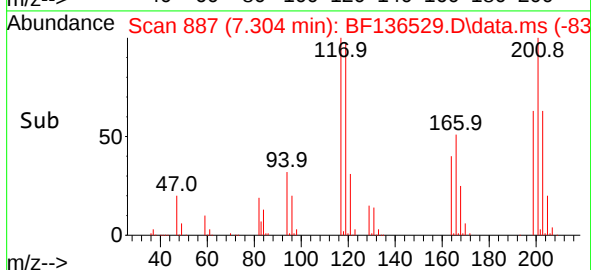
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

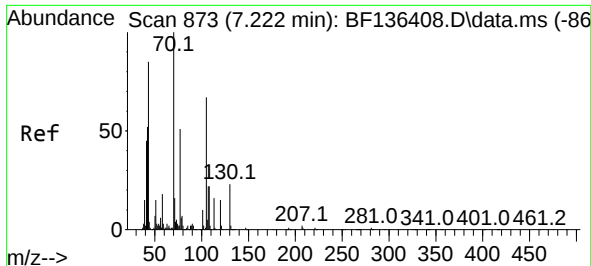


#18
Hexachloroethane
Concen: 31.697 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion:117 Resp: 81151
Ion Ratio Lower Upper
117 100
119 96.6 74.3 111.5
201 99.7 79.3 118.9





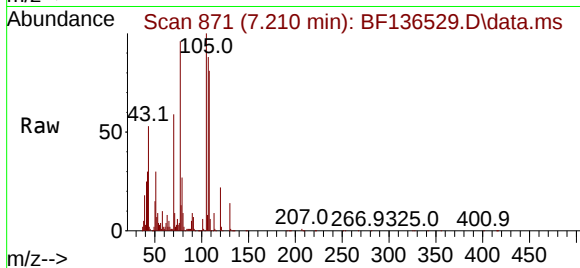
#19
n-Nitroso-di-n-propylamine
Concen: 34.317 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



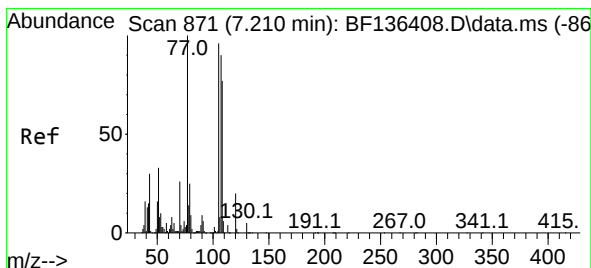
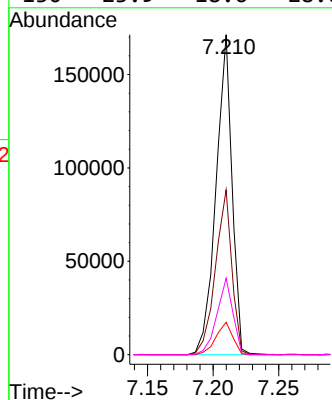
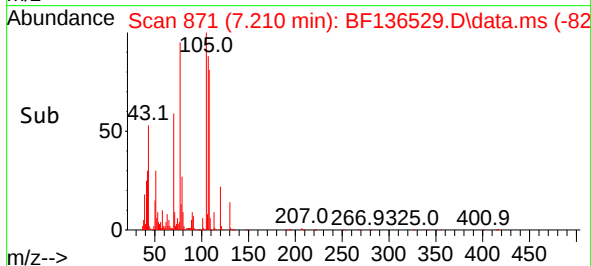
Tgt Ion: 70 Resp: 145424
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.0
101 10.2 8.2 12.4
130 23.9 18.6 28.0

Manual Integrations

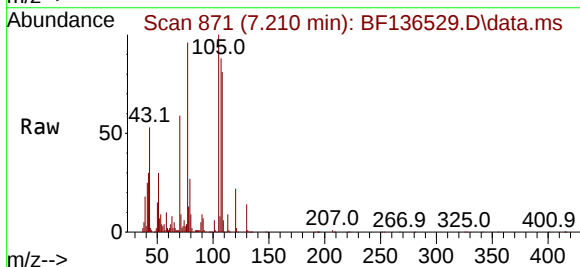
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

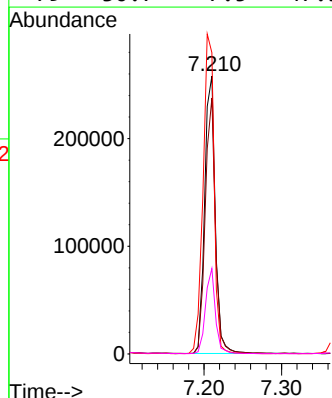
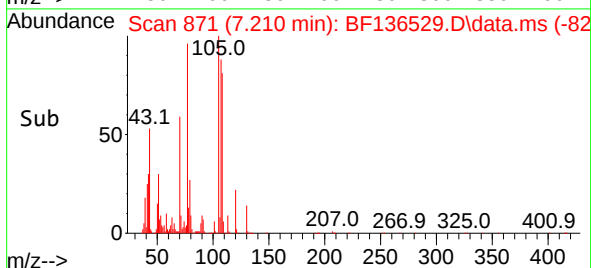
Supervised By :mohammad ahmed 12/14/2023

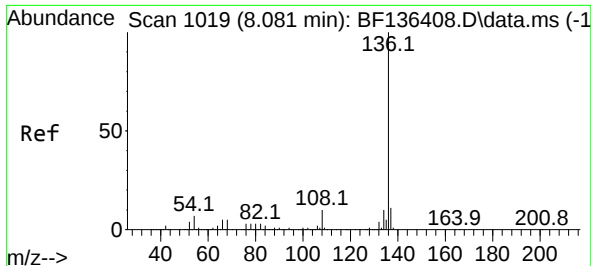


#20
3+4-Methylphenols
Concen: 38.020 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion:107 Resp: 245073
Ion Ratio Lower Upper
107 100
108 92.1 65.9 105.9
77 108.4 91.7 131.7
79 30.7 7.5 47.5





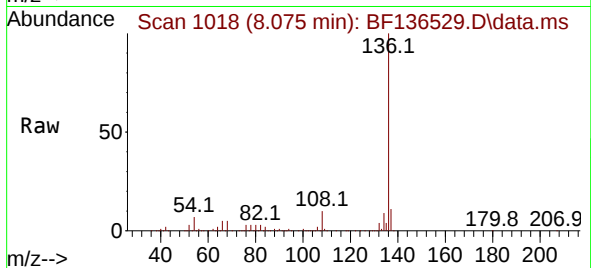
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



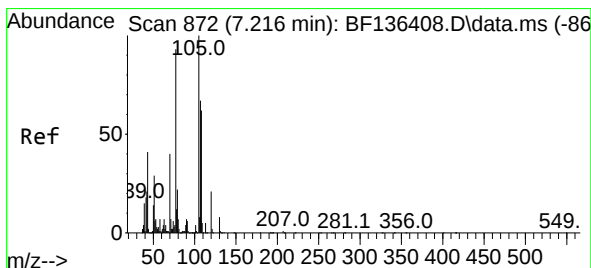
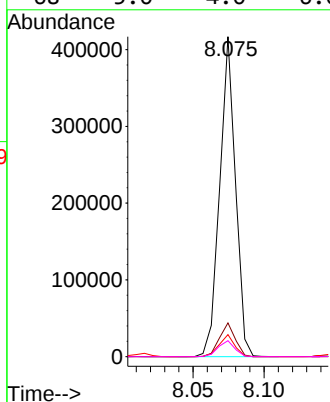
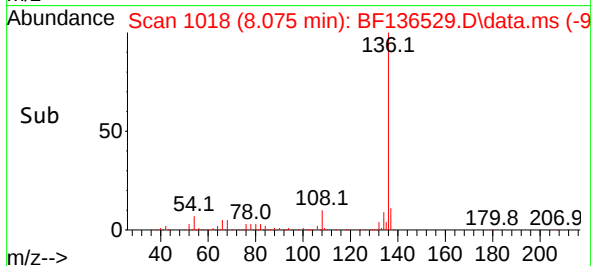
Tgt Ion:136 Resp: 321880
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.9 5.7 8.5
68 5.0 4.0 6.0

Manual Integrations

APPROVED

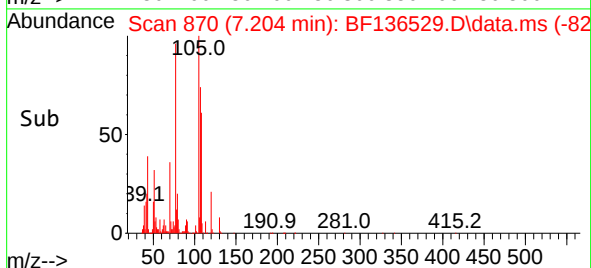
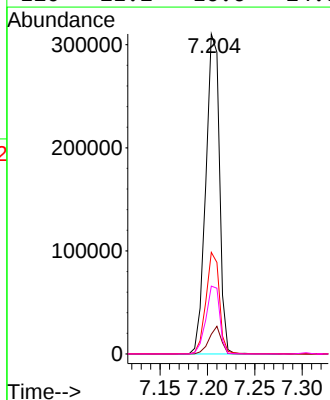
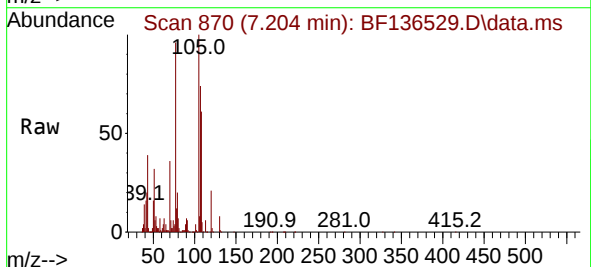
Reviewed By :Yogesh Patel 12/14/2023

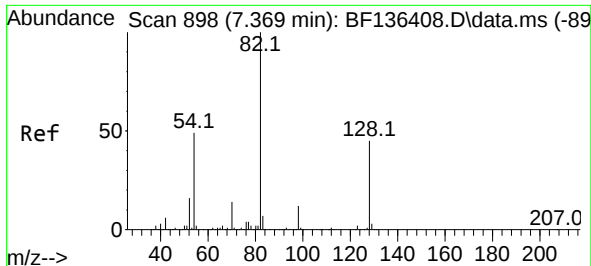
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 39.157 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:105 Resp: 311239
Ion Ratio Lower Upper
105 100
71 6.1 5.4 8.0
51 31.8 23.4 35.2
120 21.2 16.6 24.8





#23

Nitrobenzene-d5

Concen: 78.470 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 46722

Ion Ratio Lower Upper

82 100

128 48.2 36.3 54.5

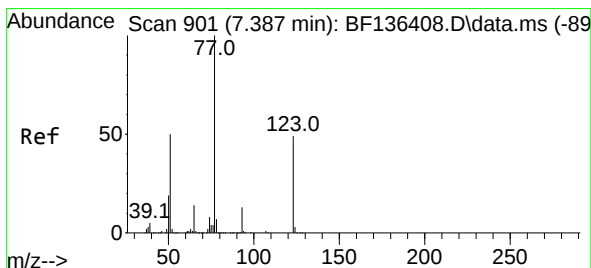
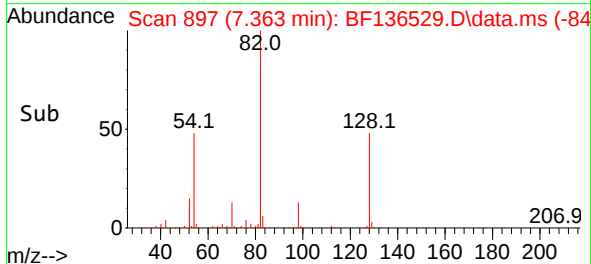
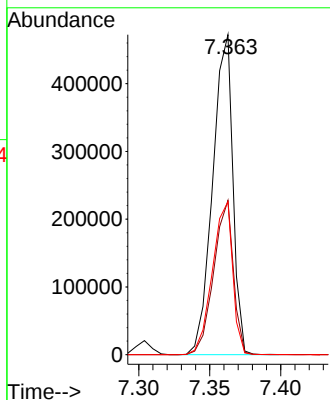
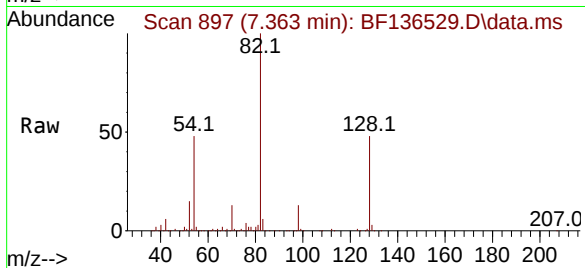
54 47.8 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 37.842 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

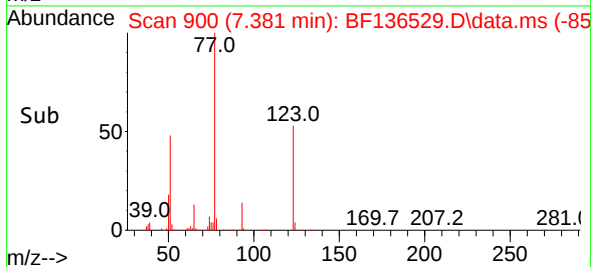
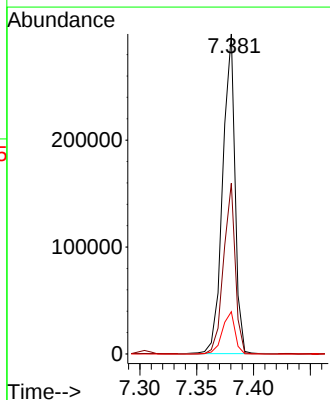
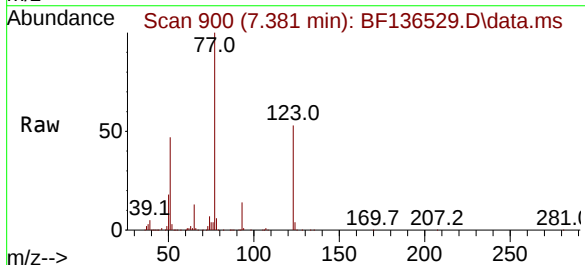
Tgt Ion: 77 Resp: 226665

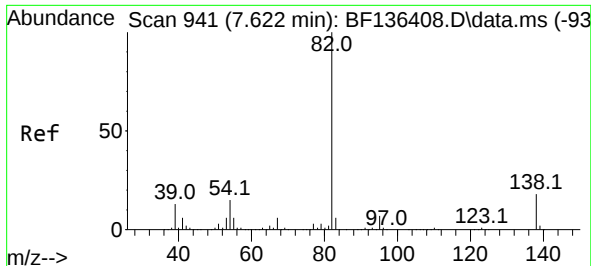
Ion Ratio Lower Upper

77 100

123 53.3 39.0 58.6

65 13.2 11.3 16.9





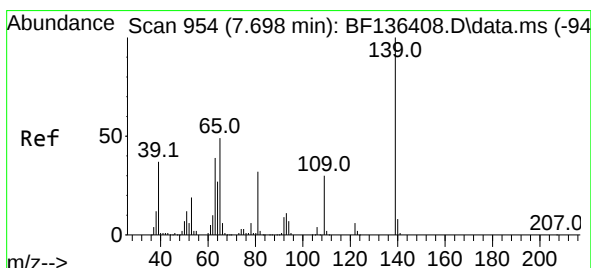
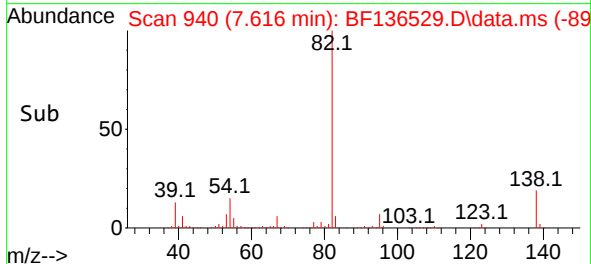
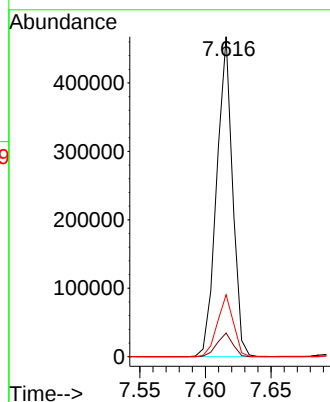
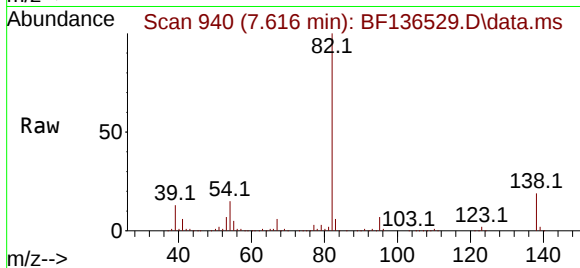
#25
Isophorone
Concen: 36.787 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 393523
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.4 14.5 21.7

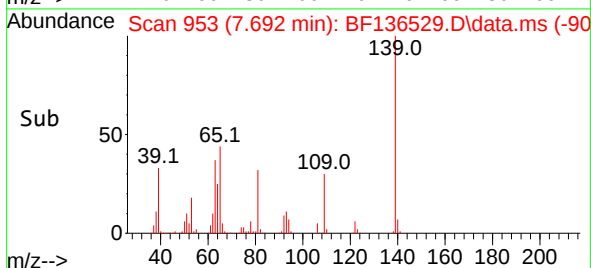
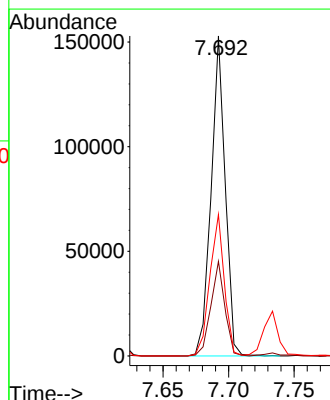
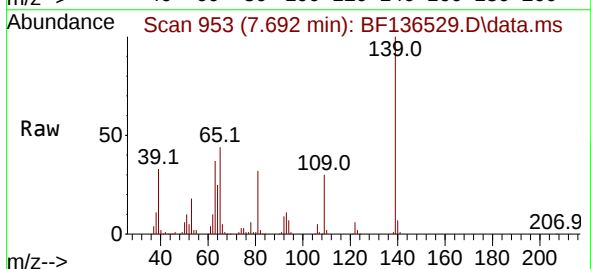
Manual Integrations
APPROVED

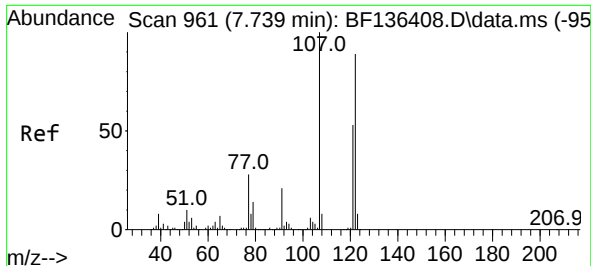
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 38.911 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:139 Resp: 114582
Ion Ratio Lower Upper
139 100
109 29.6 23.6 35.4
65 44.2 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 49.841 ng

RT: 7.733 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136529.D

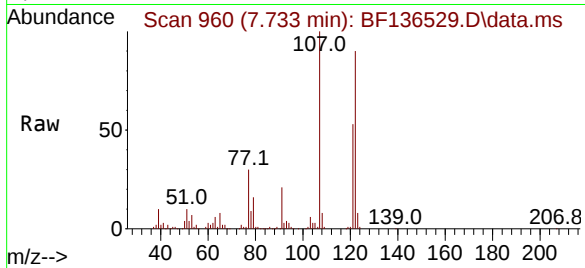
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:122 Resp: 180970

Ion Ratio Lower Upper

122 100

107 111.3 89.3 133.9

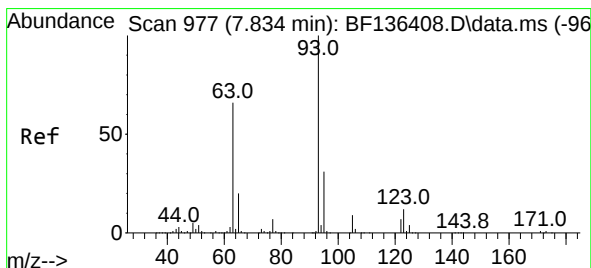
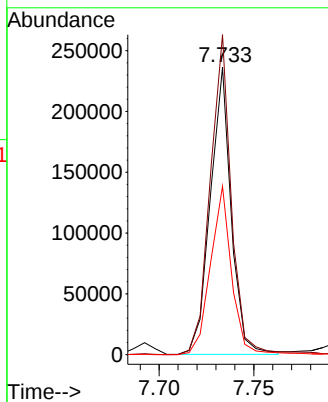
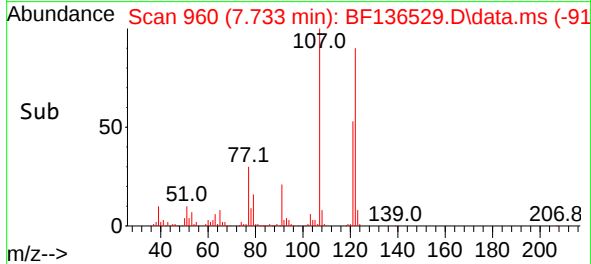
121 58.6 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.459 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

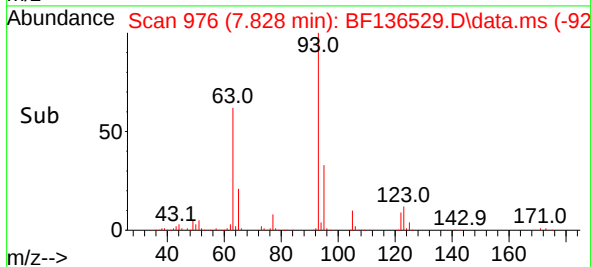
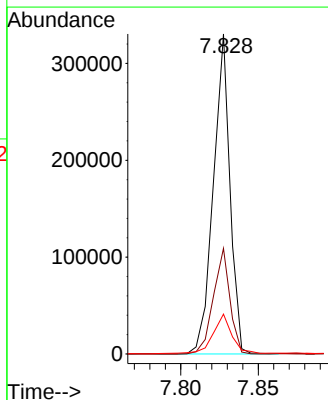
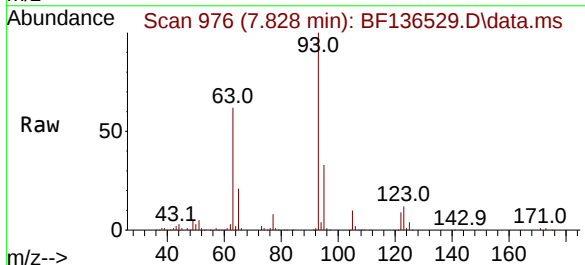
Tgt Ion: 93 Resp: 246230

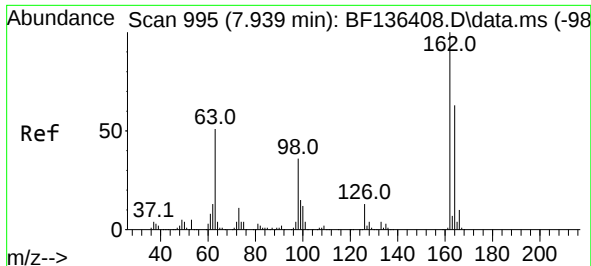
Ion Ratio Lower Upper

93 100

95 33.0 25.0 37.4

123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.030 ng

RT: 7.933 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

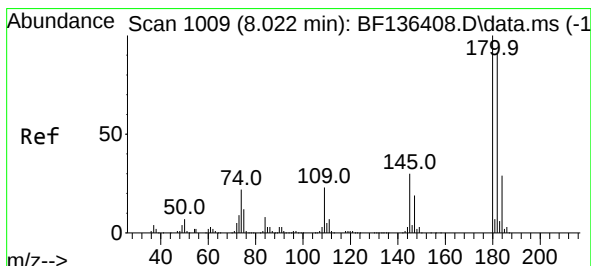
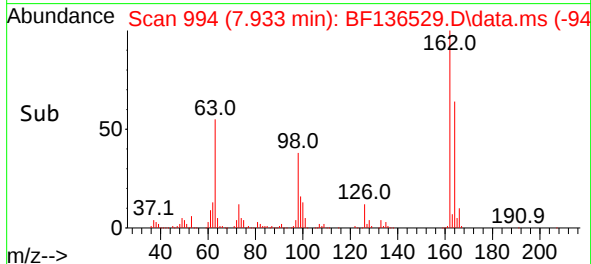
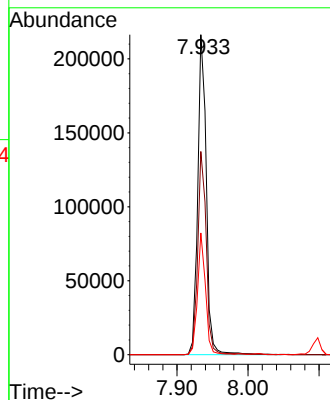
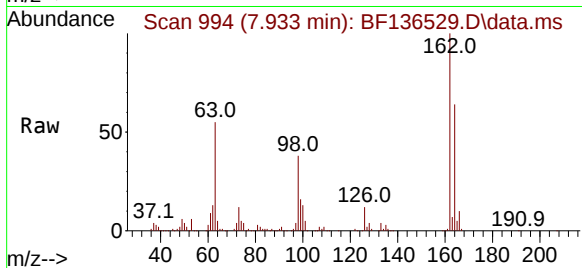
Tgt Ion:162	Resp: 18226
Ion Ratio	Lower Upper
162 100	
164 63.5	43.0 83.0
98 38.0	16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 36.217 ng

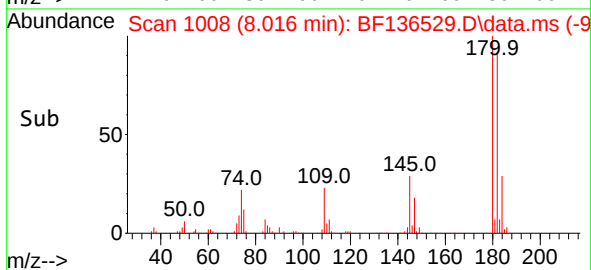
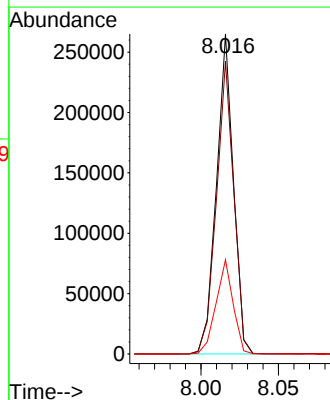
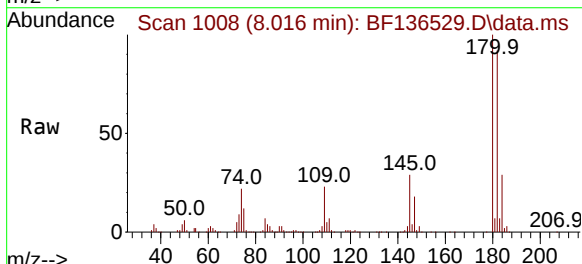
RT: 8.016 min Scan# 1008

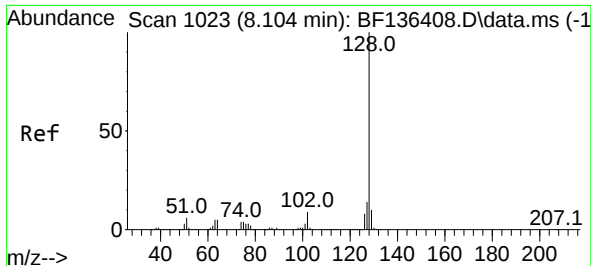
Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Tgt Ion:180	Resp: 202397
Ion Ratio	Lower Upper
180 100	
182 91.5	73.1 109.7
145 29.4	23.8 35.8





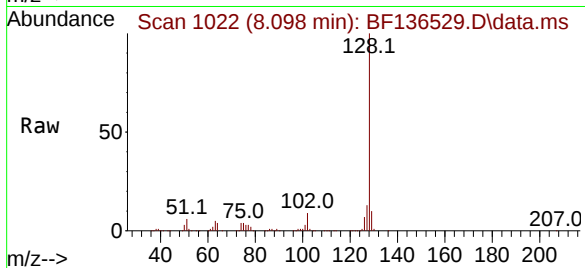
#31
Naphthalene
Concen: 36.916 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

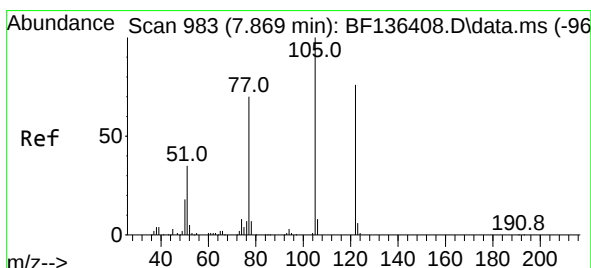
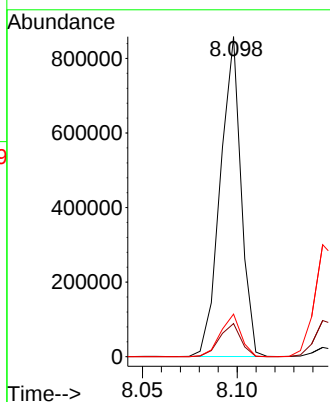
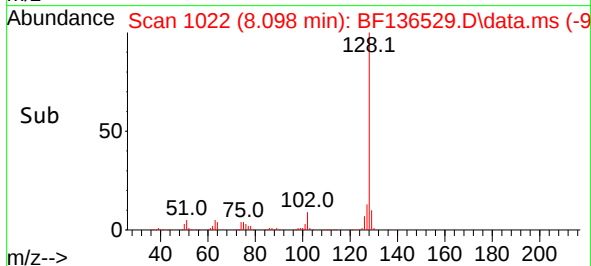


Tgt Ion:128 Resp: 655294
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.3 11.1 16.7

Manual Integrations

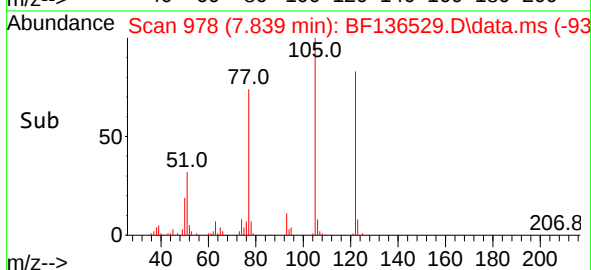
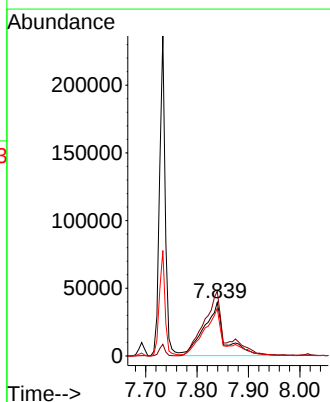
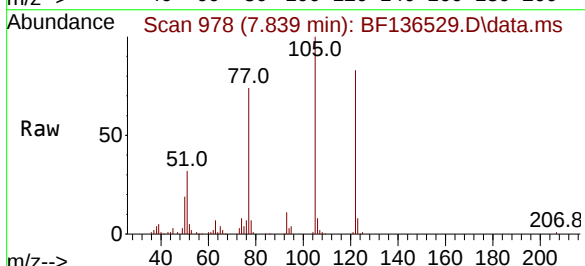
APPROVED

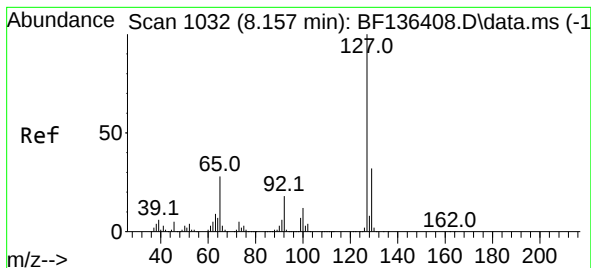
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 31.374 ng m
RT: 7.839 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:122 Resp: 113008
Ion Ratio Lower Upper
122 100
105 121.2 104.7 144.7
77 89.3 68.5 108.5





#33

4-Chloroaniline

Concen: 42.981 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

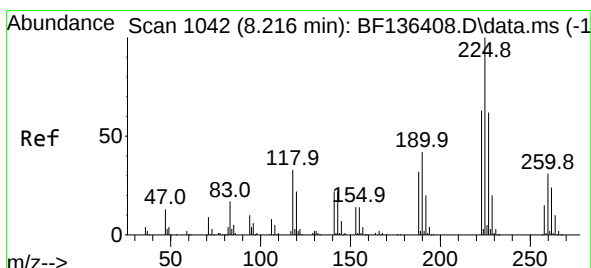
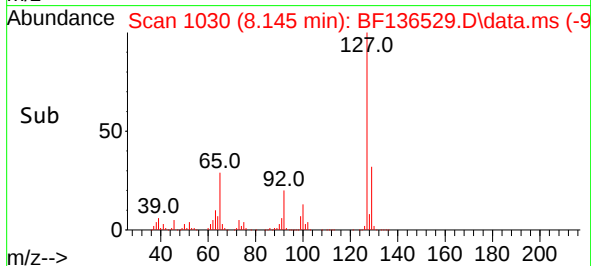
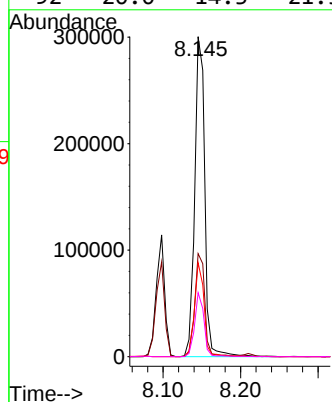
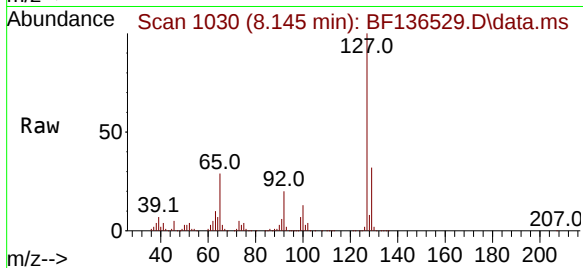
Tgt Ion:	127	Resp:	27199
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.4	38.2
65	29.3	22.5	33.7
92	20.0	14.3	21.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#34

Hexachlorobutadiene

Concen: 35.222 ng

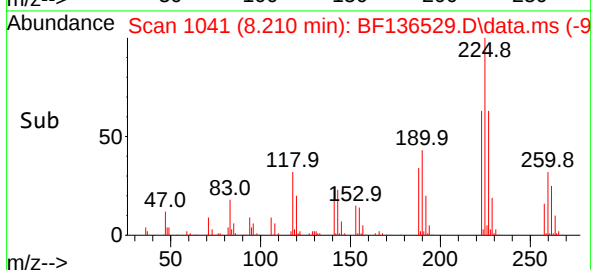
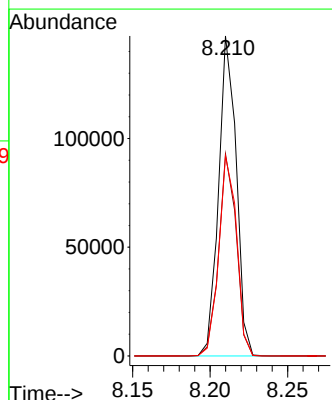
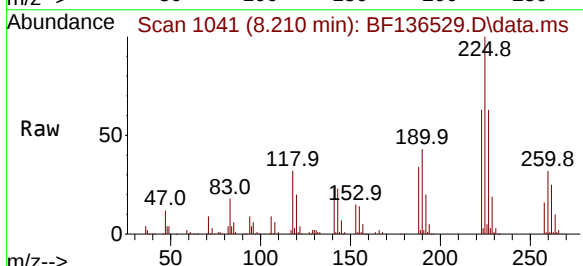
RT: 8.210 min Scan# 1041

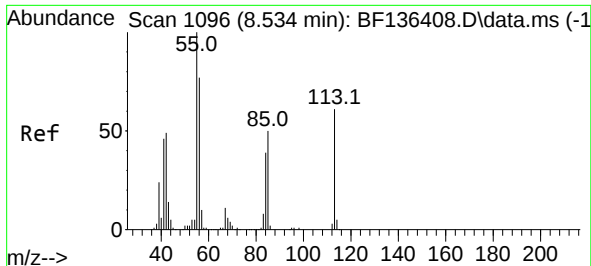
Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

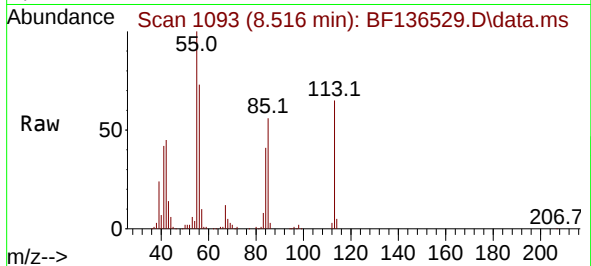
Tgt Ion:	225	Resp:	116656
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.8	76.2
227	62.5	49.8	74.8





#35
Caprolactam
Concen: 37.092 ng m
RT: 8.516 min Scan# 1096
Delta R.T. -0.018 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

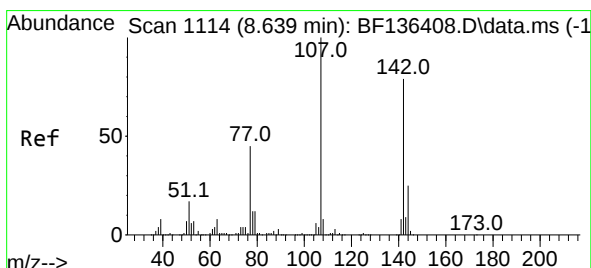
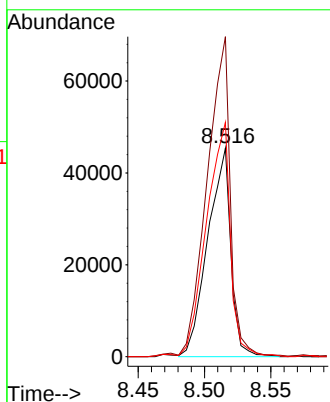
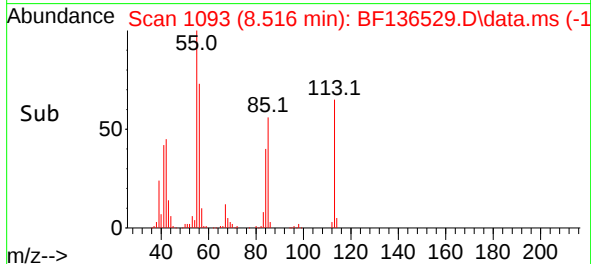
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 54749
Ion Ratio Lower Upper
113 100
55 153.4 143.7 183.7
56 112.4 105.2 145.2

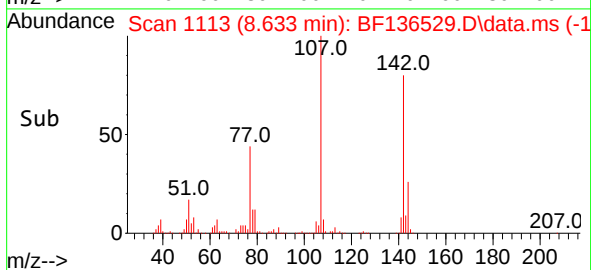
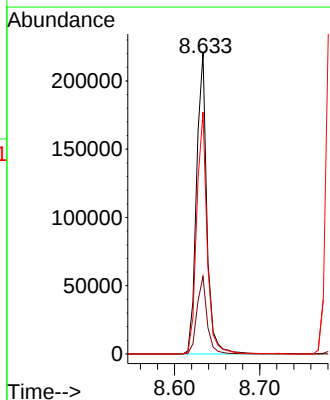
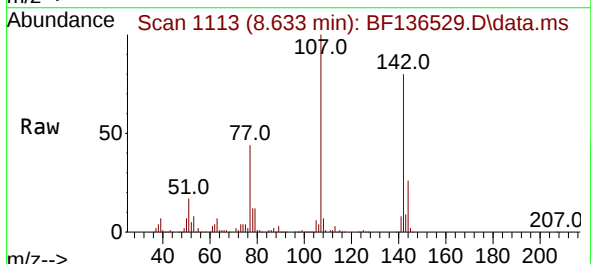
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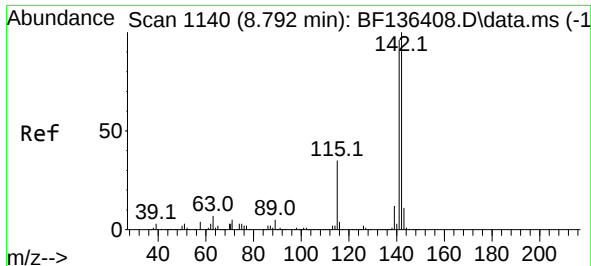
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 36.651 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:107 Resp: 186508
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 80.3 63.1 94.7





#37
2-Methylnaphthalene
Concen: 37.871 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

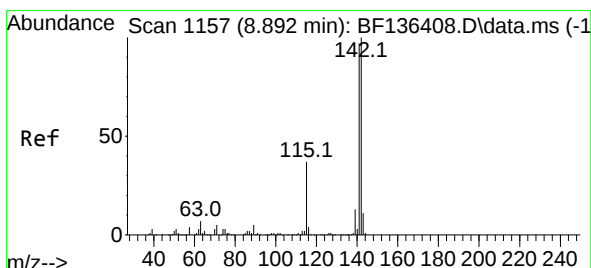
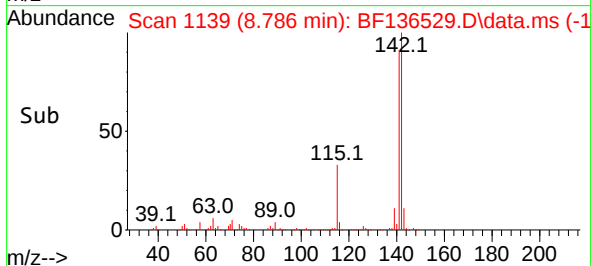
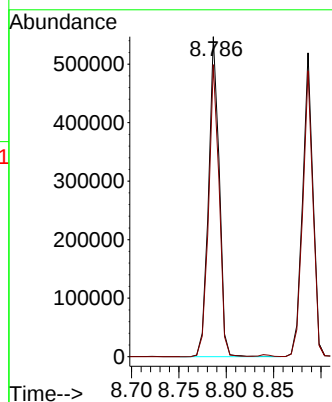
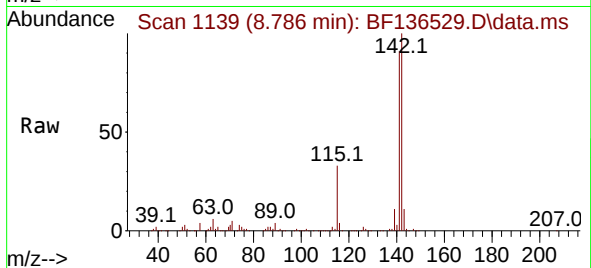
SSTDCCC040EC

Tgt Ion:142 Resp: 427660
Ion Ratio Lower Upper
142 100
141 91.2 76.4 114.6

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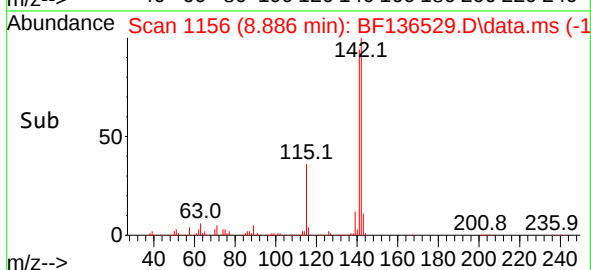
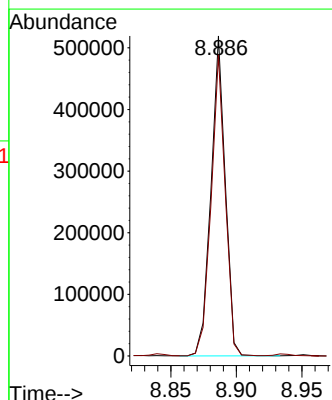
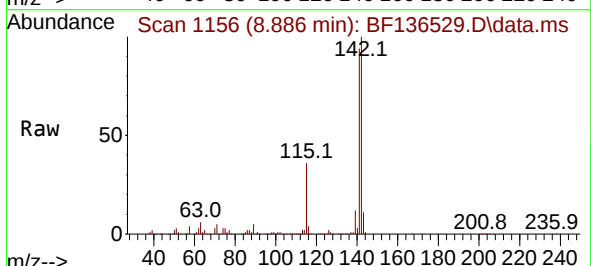
APPROVED

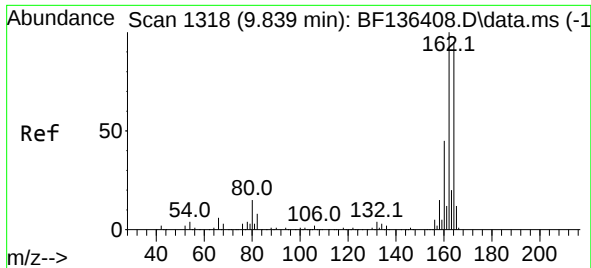
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 35.620 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:142 Resp: 394717
Ion Ratio Lower Upper
142 100
141 94.1 77.7 116.5





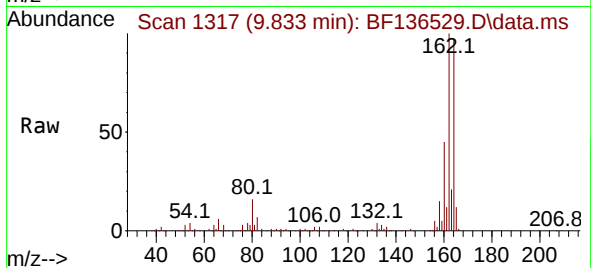
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



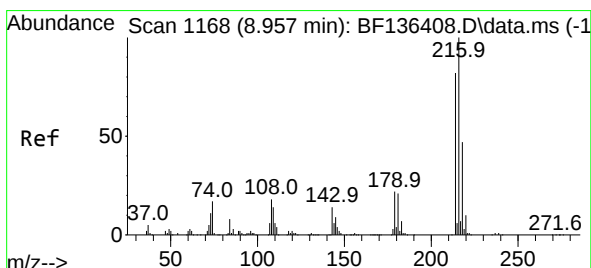
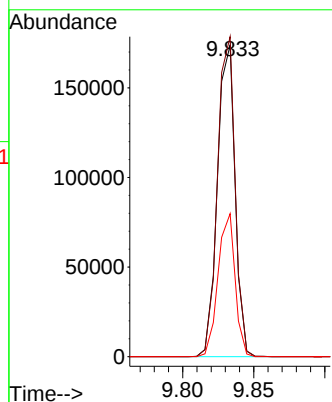
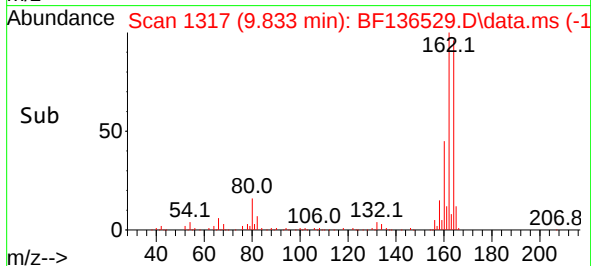
Tgt Ion:164 Resp: 15010
Ion Ratio Lower Upper
164 100
162 102.7 84.4 126.6
160 45.9 37.6 56.4

Manual Integrations

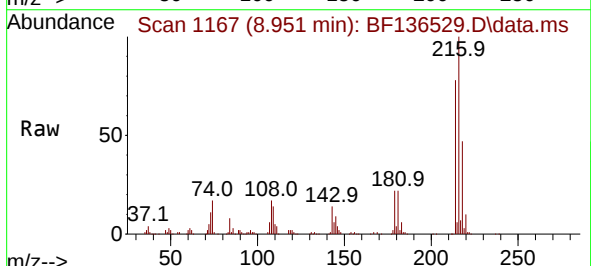
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

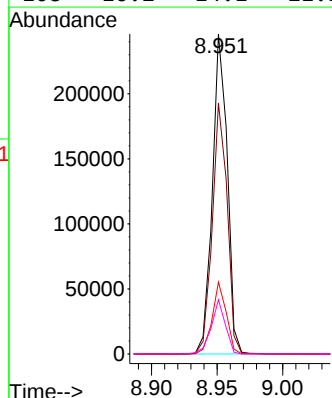
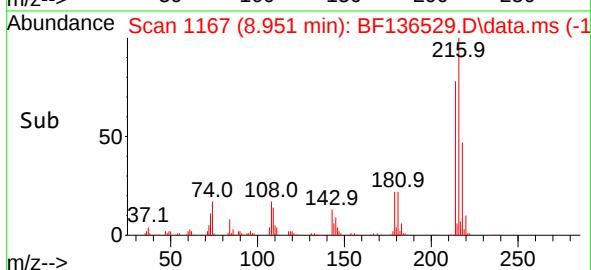
Supervised By :mohammad ahmed 12/14/2023

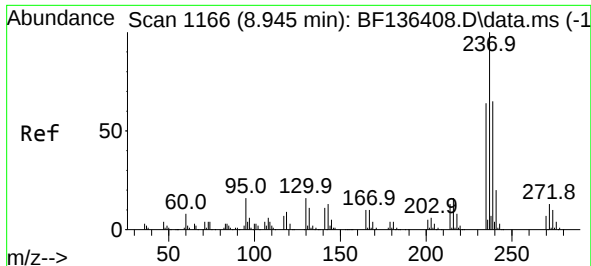


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.559 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



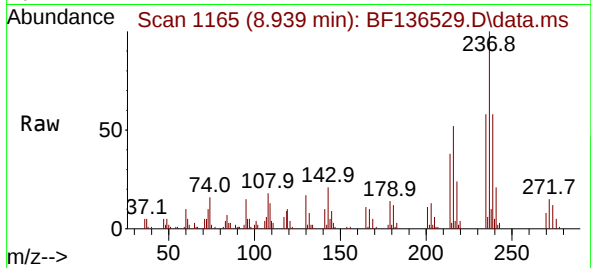
Tgt Ion:216 Resp: 194076
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 21.3 17.0 25.6
108 16.2 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 11.972 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

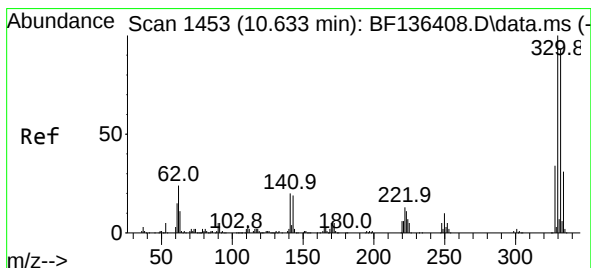
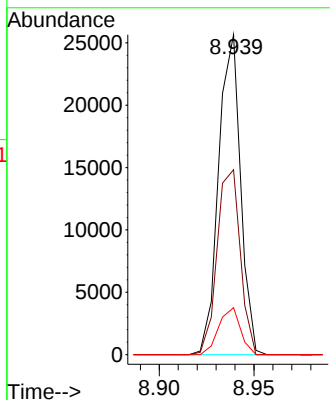
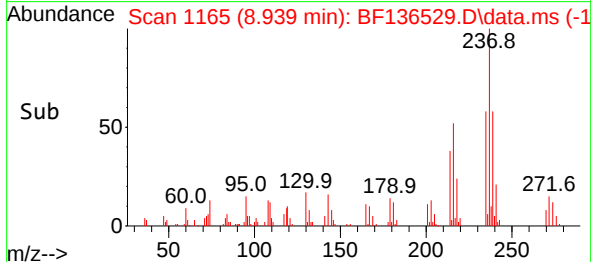
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



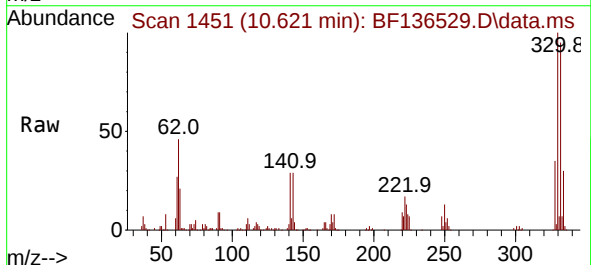
Tgt Ion:237 Resp: 20712
Ion Ratio Lower Upper
237 100
235 57.8 44.1 84.1
272 14.7 0.0 33.3

Manual Integrations
APPROVED

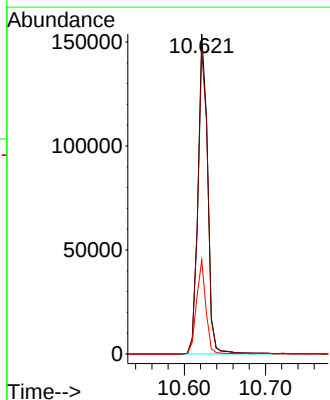
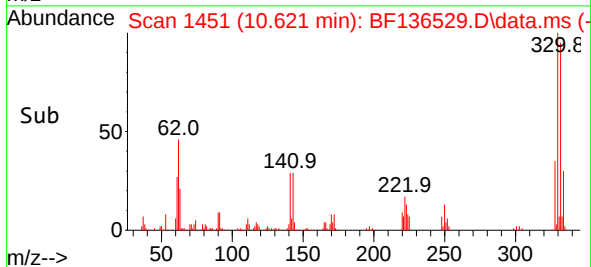
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

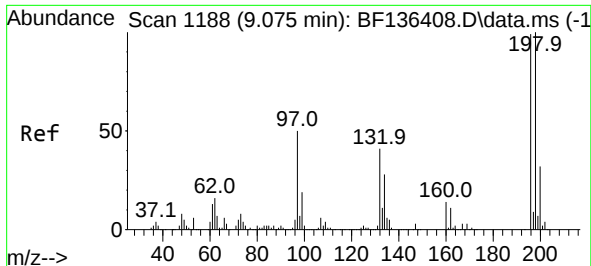


#42
2,4,6-Tribromophenol
Concen: 69.076 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion:330 Resp: 127843
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 28.3 23.4 35.2





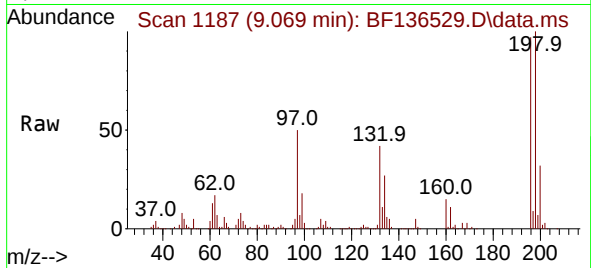
#43
2,4,6-Trichlorophenol
Concen: 39.023 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



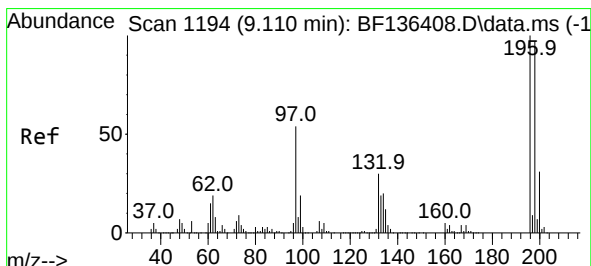
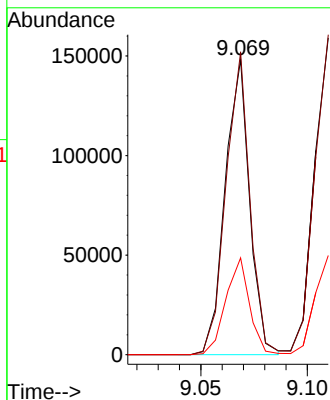
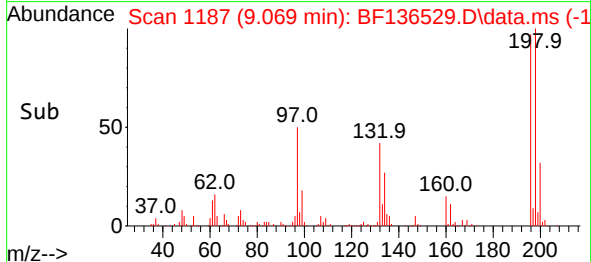
Tgt Ion:196 Resp: 11865
Ion Ratio Lower Upper
196 100
198 102.6 80.4 120.6
200 32.8 25.9 38.9

Manual Integrations

APPROVED

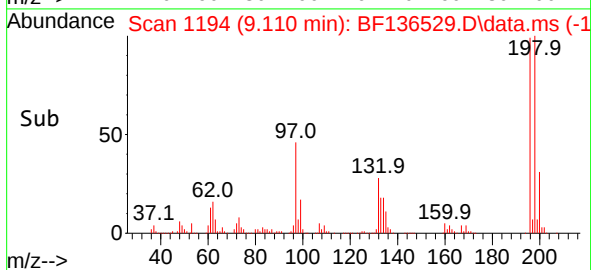
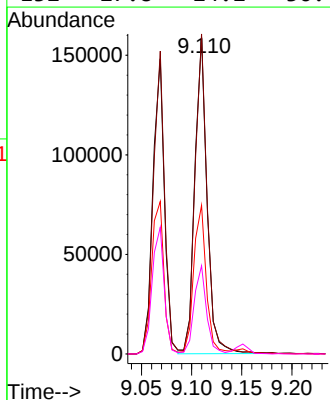
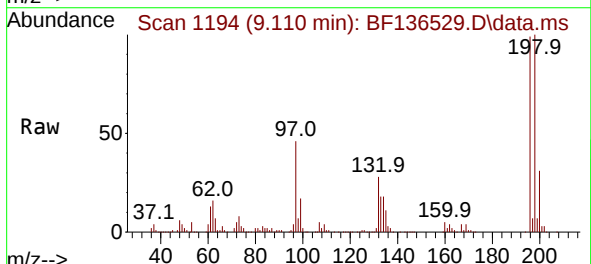
Reviewed By :Yogesh Patel 12/14/2023

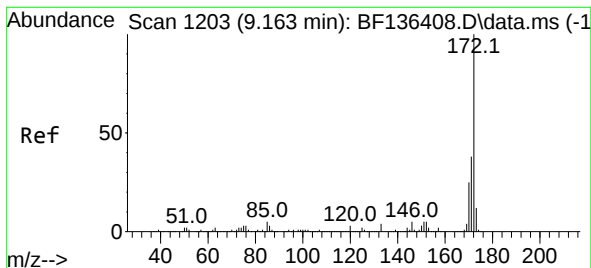
Supervised By :mohammad ahmed 12/14/2023



#44
2,4,5-Trichlorophenol
Concen: 39.874 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:196 Resp: 135319
Ion Ratio Lower Upper
196 100
198 101.0 78.1 117.1
97 46.9 43.4 65.2
132 27.8 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 81.519 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 896740

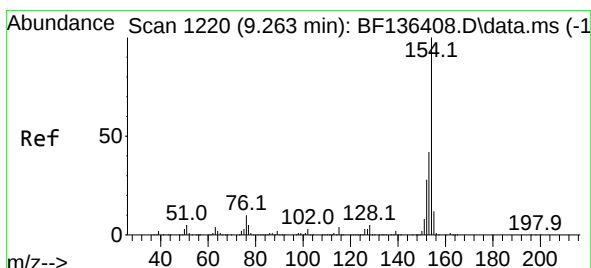
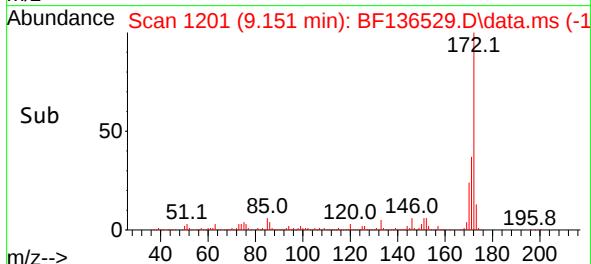
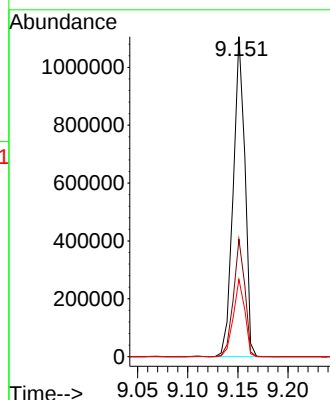
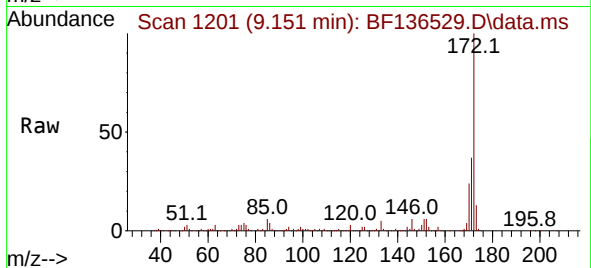
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.2	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#46

1,1'-Biphenyl

Concen: 40.632 ng

RT: 9.251 min Scan# 1218

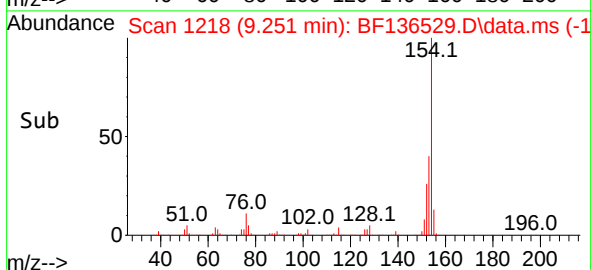
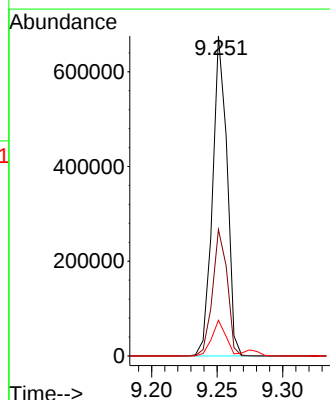
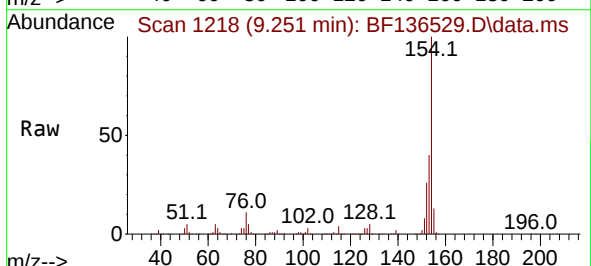
Delta R.T. -0.012 min

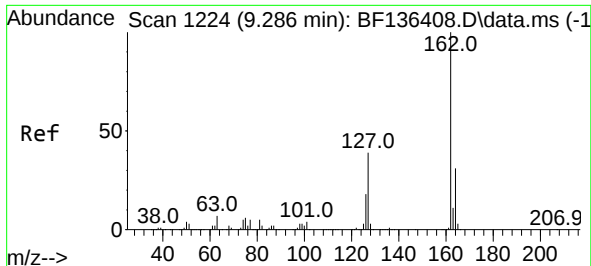
Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Tgt Ion:154 Resp: 518952

Ion	Ratio	Lower	Upper
154	100		
153	39.5	22.5	62.5
76	11.2	0.0	29.9





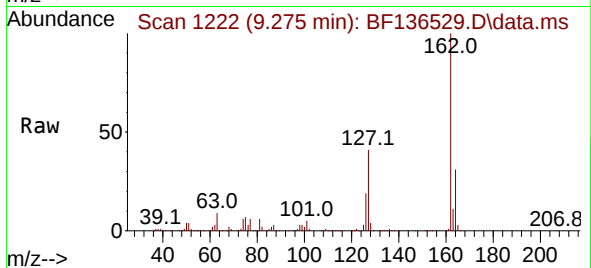
#47
2-Chloronaphthalene
Concen: 37.571 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

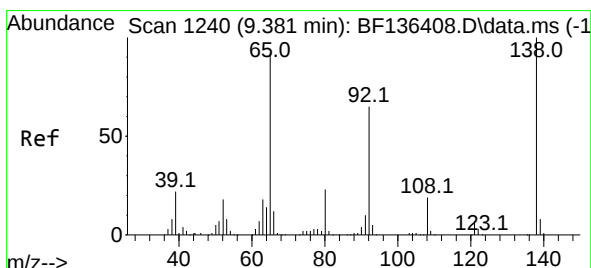
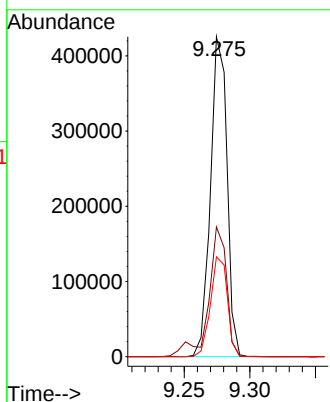
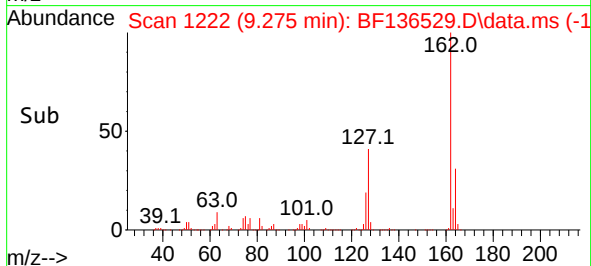
SSTDCCC040EC



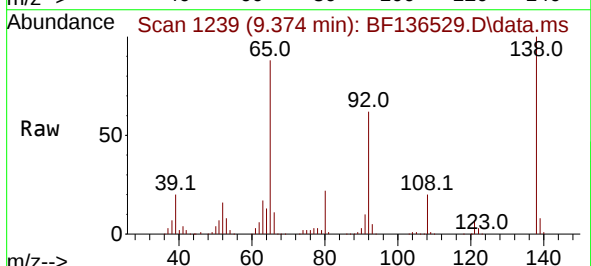
Tgt Ion:162 Resp: 373484
Ion Ratio Lower Upper
162 100
127 40.5 31.1 46.7
164 31.2 24.6 37.0

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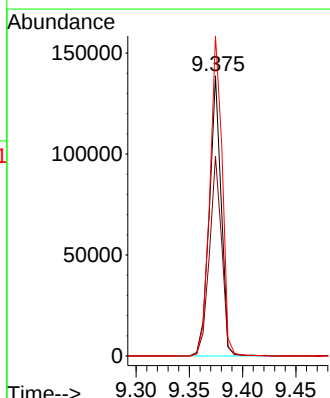
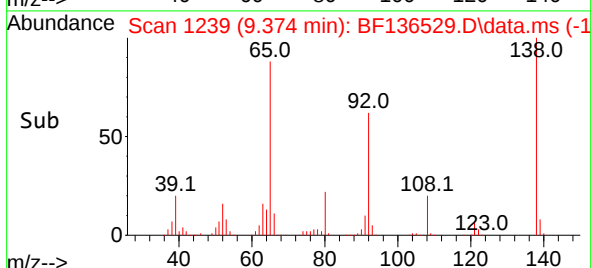
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

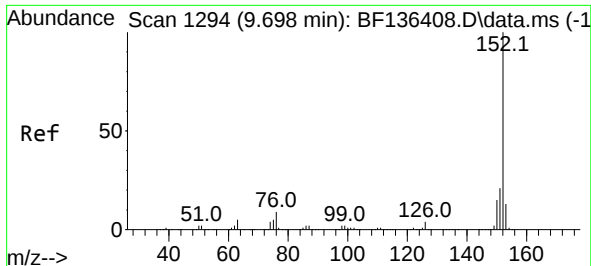


#48
2-Nitroaniline
Concen: 40.534 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion: 65 Resp: 108071
Ion Ratio Lower Upper
65 100
92 71.4 56.1 84.1
138 114.2 86.7 130.1





#49

Acenaphthylene

Concen: 39.728 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

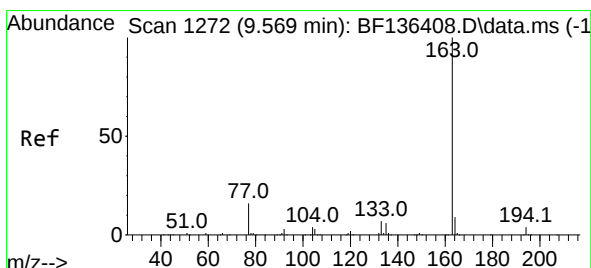
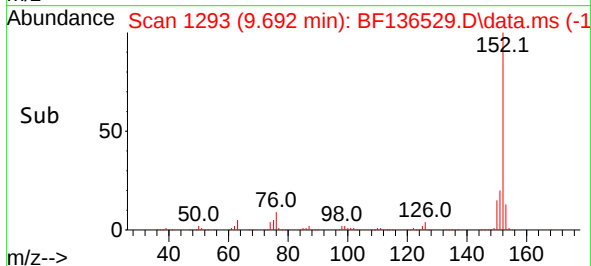
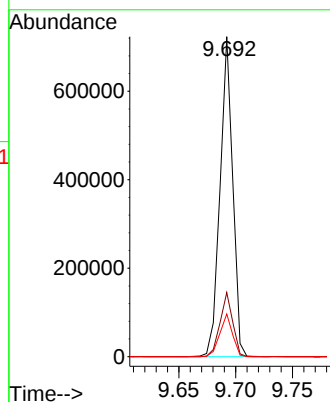
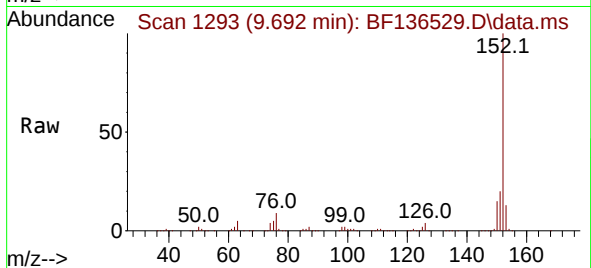
Tgt Ion:152 Resp: 562584
 Ion Ratio Lower Upper
 152 100
 151 20.0 17.2 25.8
 153 13.4 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#50

Dimethylphthalate

Concen: 40.176 ng

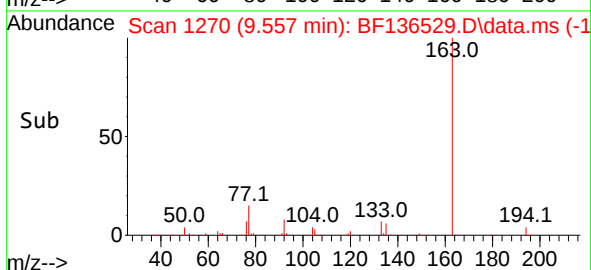
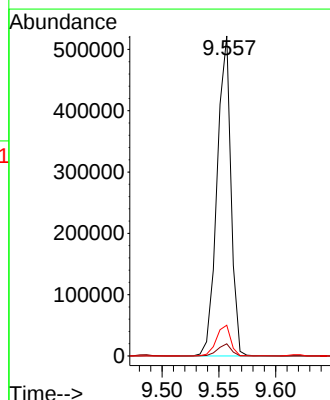
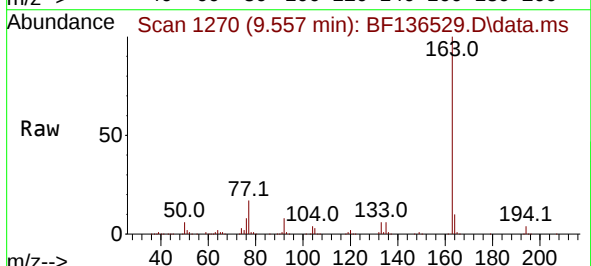
RT: 9.557 min Scan# 1270

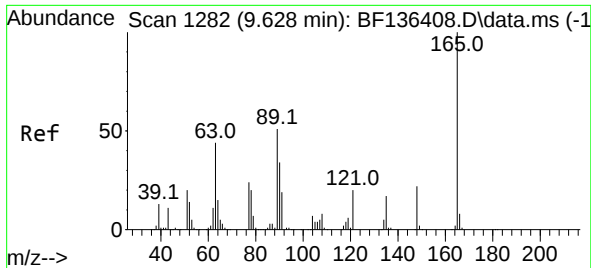
Delta R.T. -0.012 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Tgt Ion:163 Resp: 443978
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 9.6 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 38.486 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

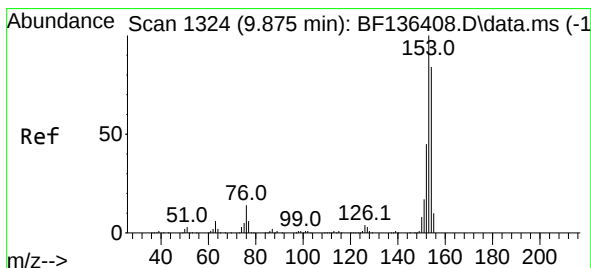
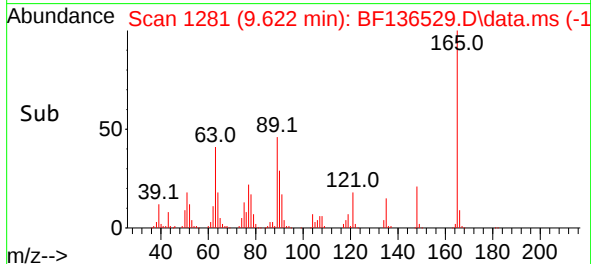
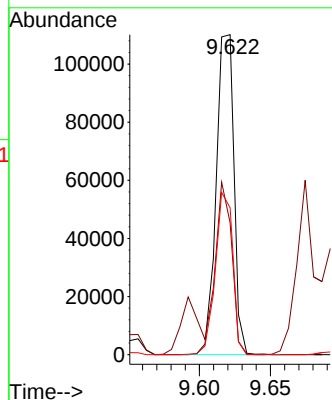
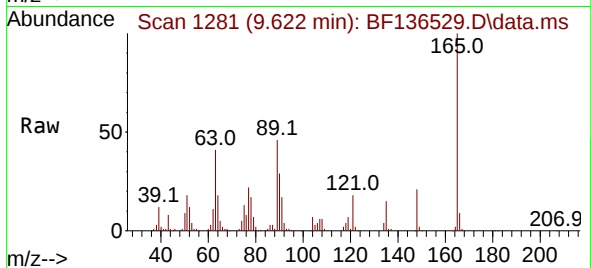
ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 9568
Ion Ratio Lower Upper
165 100
63 41.2 40.4 60.6
89 45.9 40.6 60.8

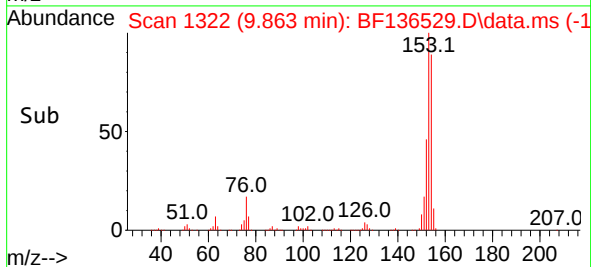
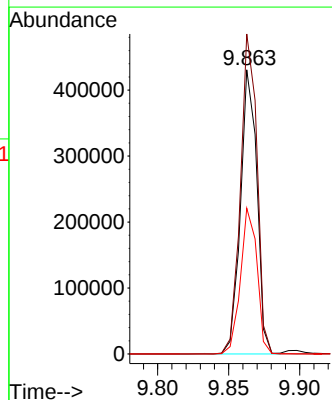
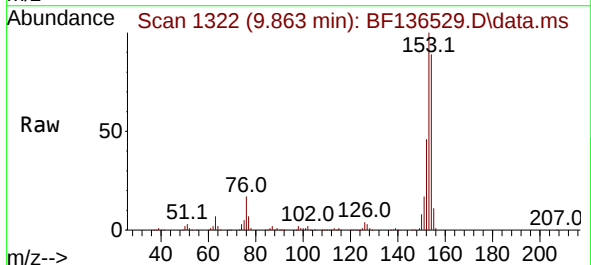
Manual Integrations
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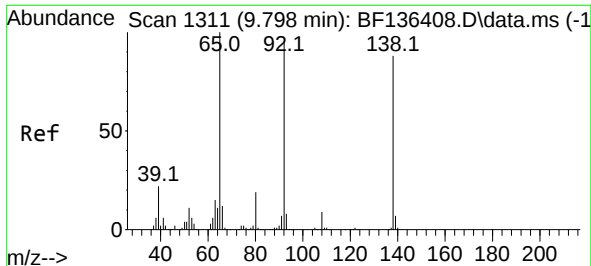
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 38.177 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:154 Resp: 346434
Ion Ratio Lower Upper
154 100
153 112.6 95.3 142.9
152 51.3 43.2 64.8





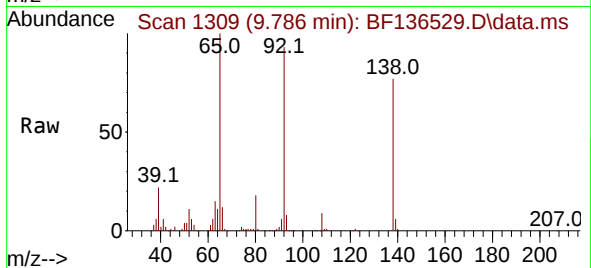
#53
3-Nitroaniline
Concen: 41.414 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

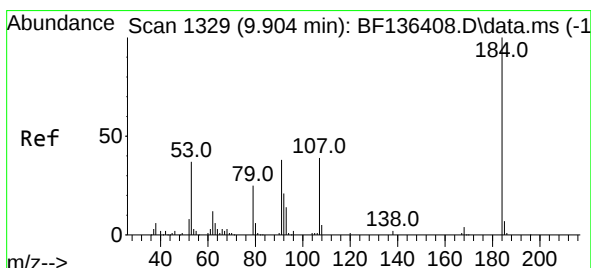
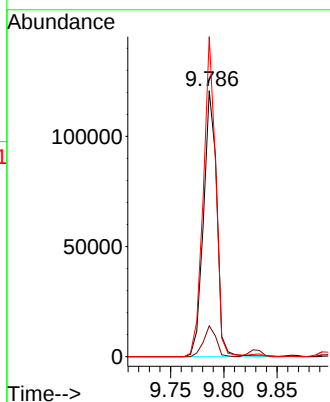
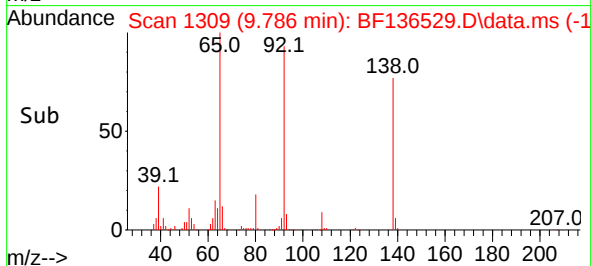


Tgt Ion:138 Resp: 105140
Ion Ratio Lower Upper
138 100
108 11.6 8.5 12.7
92 120.3 86.1 129.1

Manual Integrations

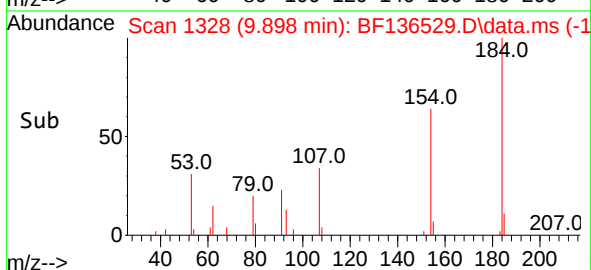
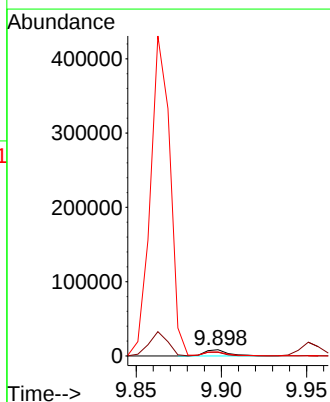
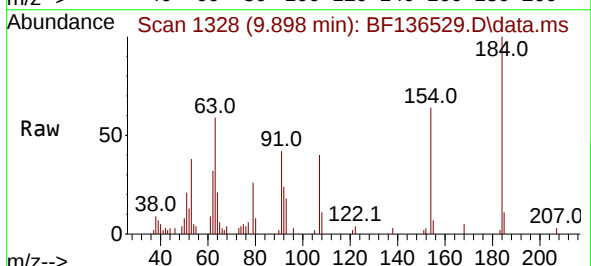
APPROVED

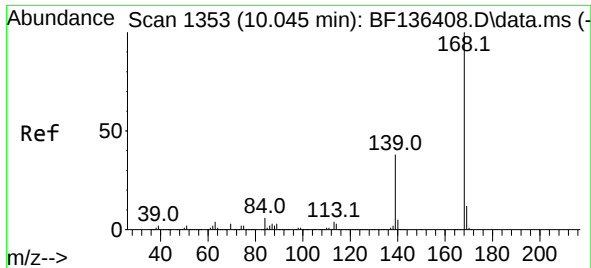
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 6.520 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:184 Resp: 8195
Ion Ratio Lower Upper
184 100
63 59.3 39.1 58.7#
154 64.3 49.9 74.9





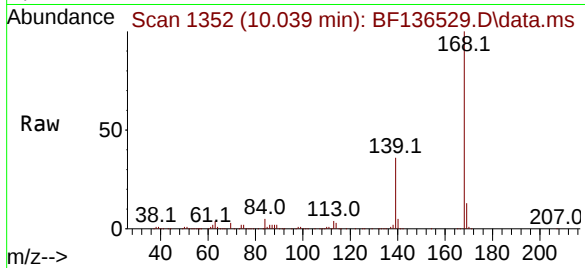
#55
Dibenzofuran
Concen: 39.022 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

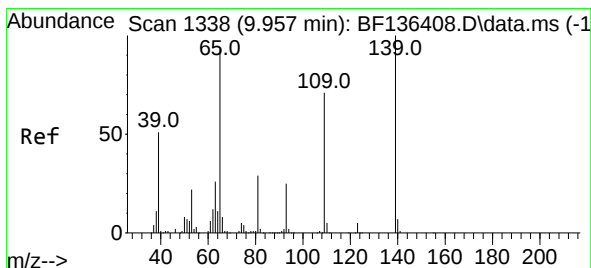
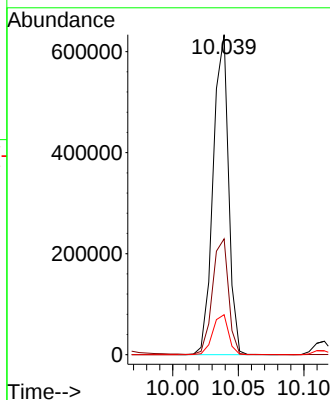
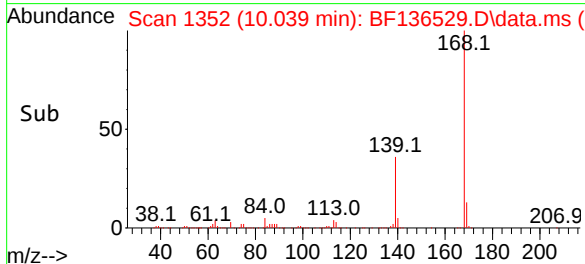


Tgt Ion:168 Resp: 51729
Ion Ratio Lower Upper
168 100
139 36.2 30.4 45.6
169 12.5 9.9 14.9

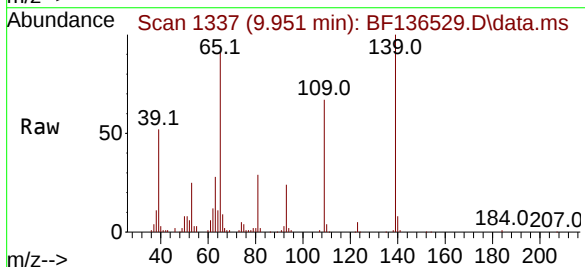
Manual Integrations

APPROVED

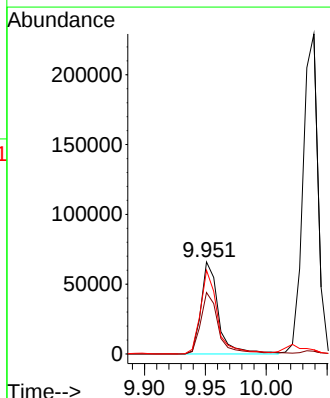
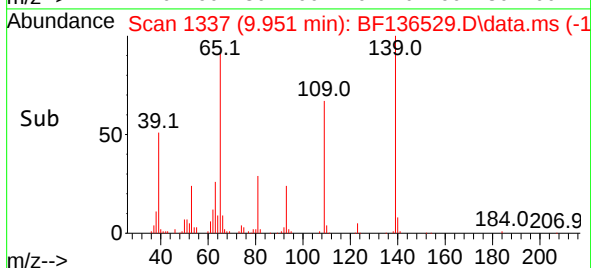
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

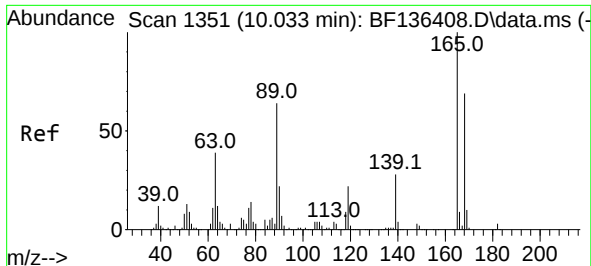


#56
4-Nitrophenol
Concen: 34.344 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion:139 Resp: 65364
Ion Ratio Lower Upper
139 100
109 66.8 50.6 90.6
65 90.9 73.1 113.1





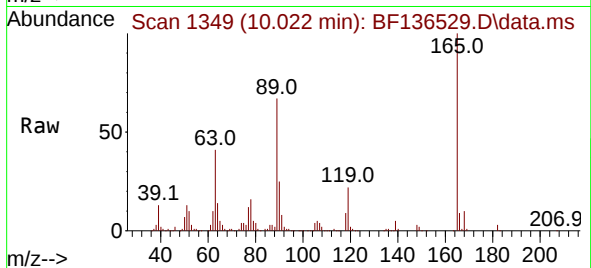
#57
2,4-Dinitrotoluene
Concen: 35.513 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

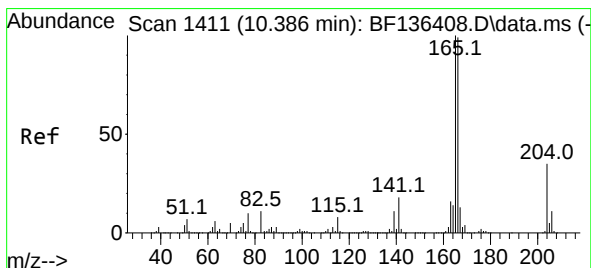
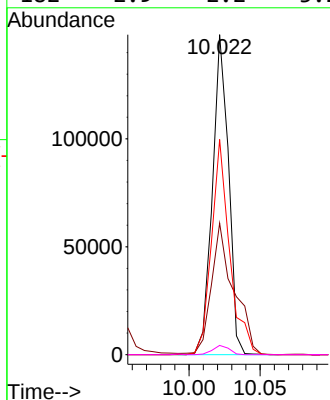
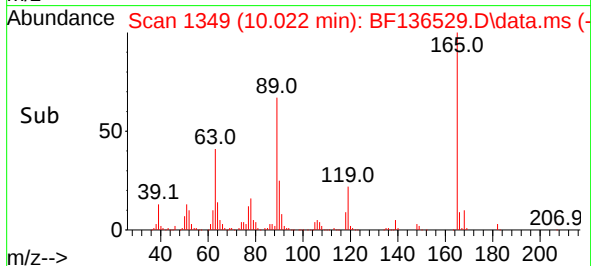


Tgt Ion:165 Resp: 11679
Ion Ratio Lower Upper
165 100
63 41.1 31.4 47.2
89 67.2 51.7 77.5
182 2.9 2.2 3.2

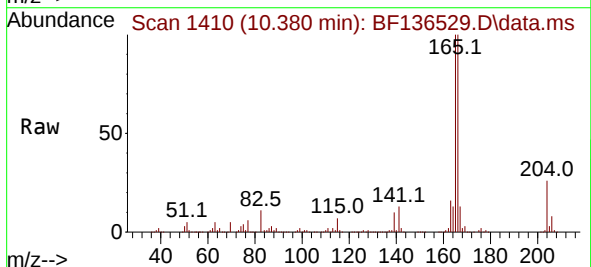
Manual Integrations

APPROVED

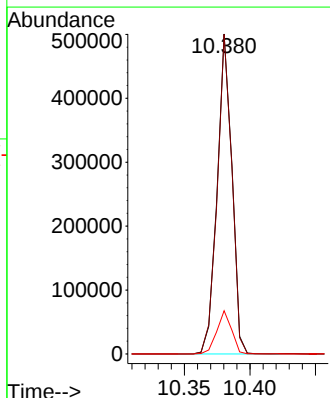
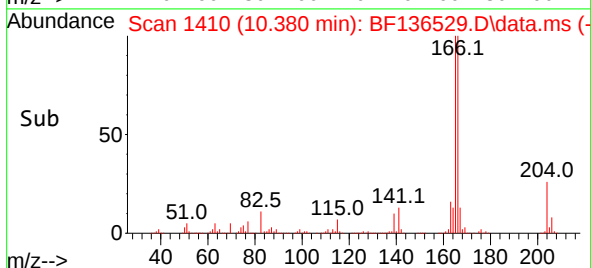
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

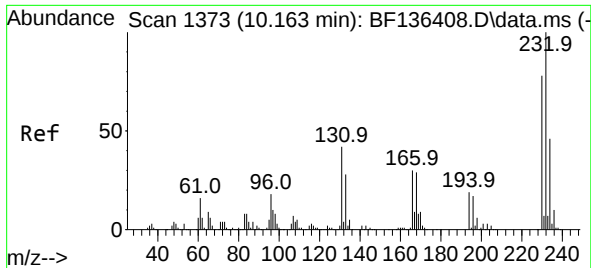


#58
Fluorene
Concen: 36.641 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



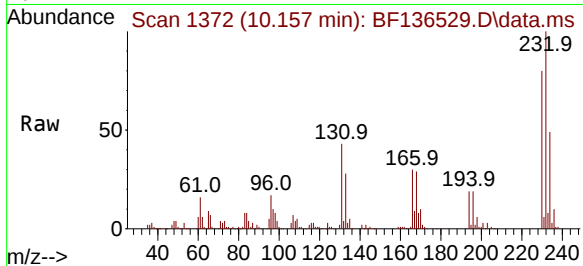
Tgt Ion:166 Resp: 389915
Ion Ratio Lower Upper
166 100
165 99.8 80.5 120.7
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.259 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

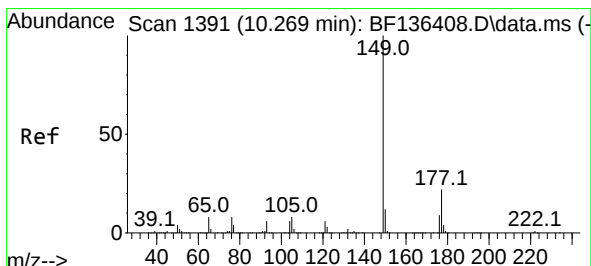
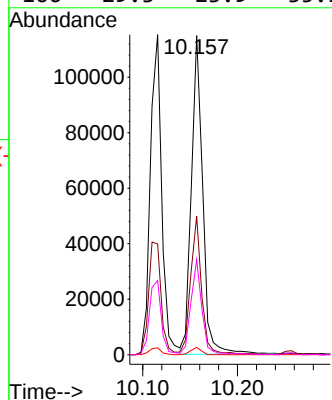
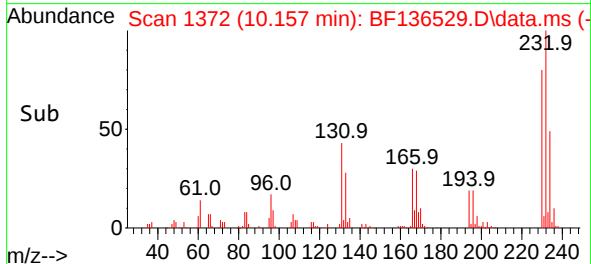
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



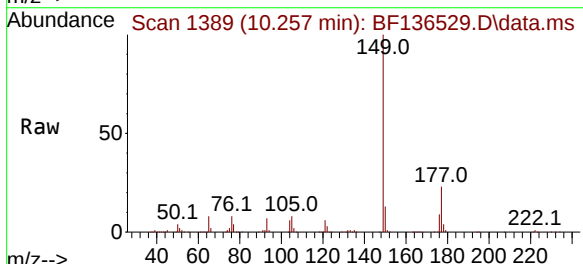
Tgt Ion:232 Resp: 9584
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 2.1 1.6 2.4
166 29.3 23.9 35.9

Manual Integrations
APPROVED

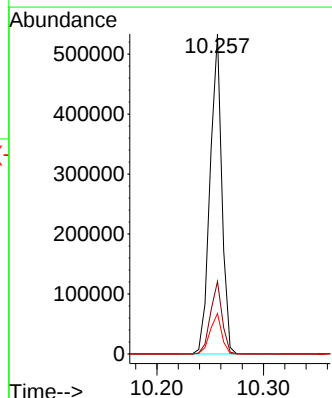
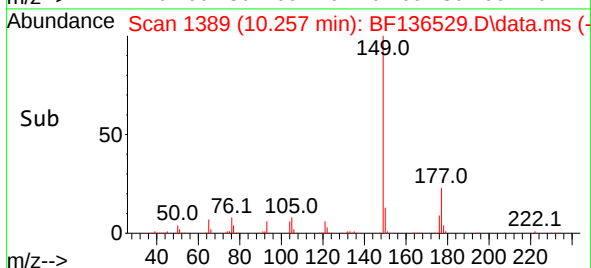
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

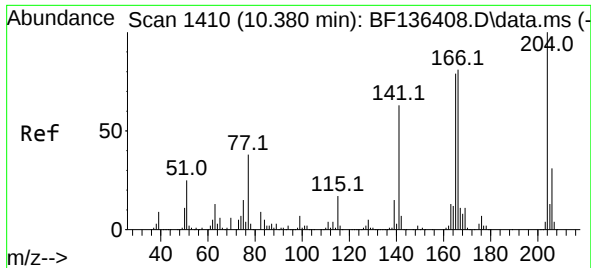


#60
Diethylphthalate
Concen: 37.538 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



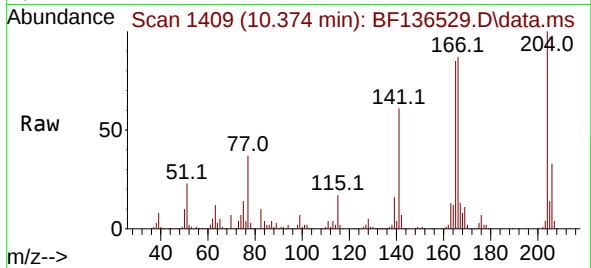
Tgt Ion:149 Resp: 407919
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.7 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 37.913 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

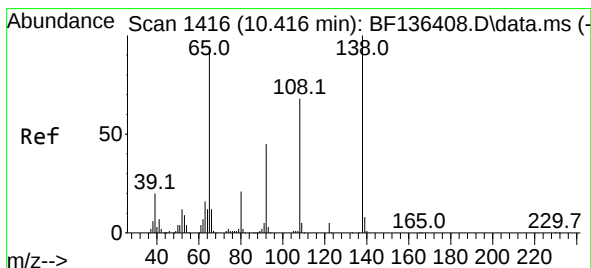
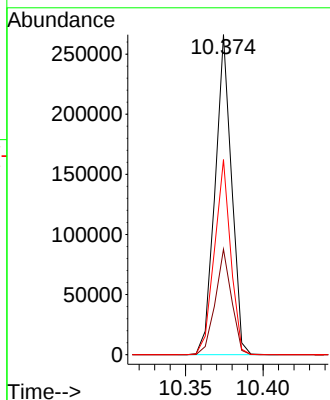
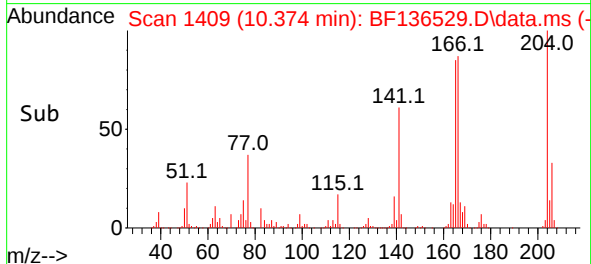
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 196678
Ion Ratio Lower Upper
204 100
206 32.9 24.6 36.8
141 61.0 50.3 75.5

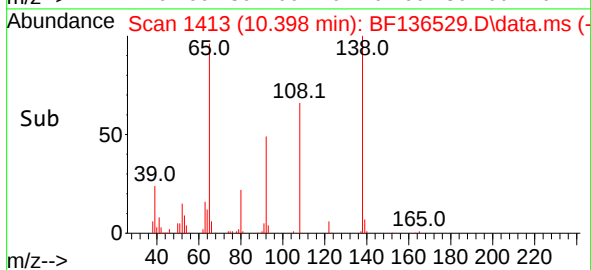
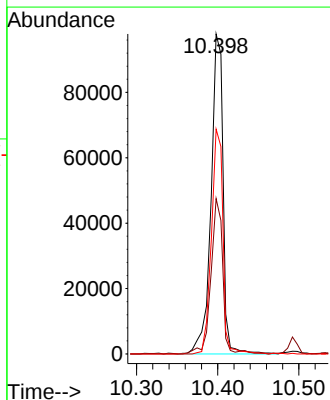
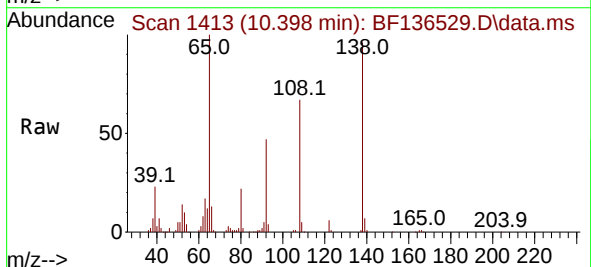
Manual Integrations
APPROVED

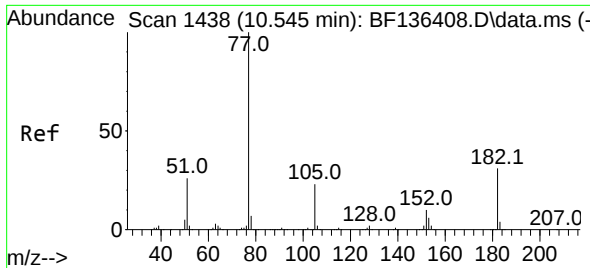
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 39.995 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:138 Resp: 100824
Ion Ratio Lower Upper
138 100
92 48.6 25.0 65.0
108 70.3 47.9 87.9





#63
Azobenzene
Concen: 35.445 ng
RT: 10.533 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

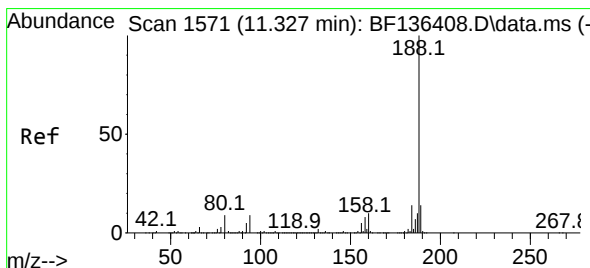
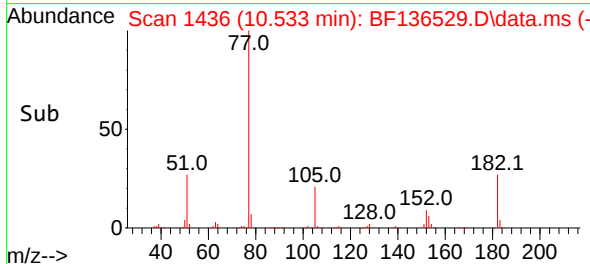
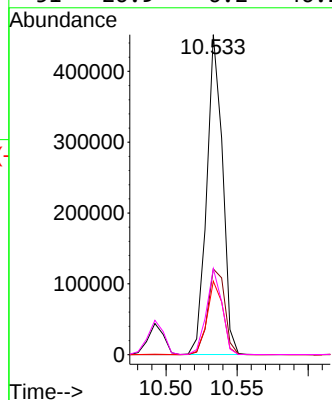
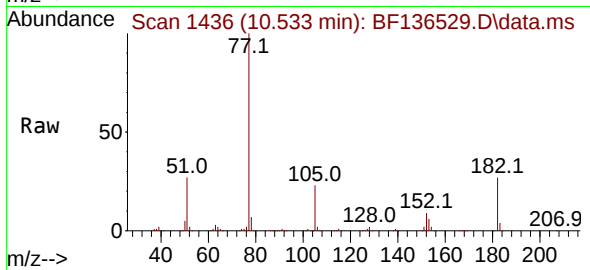
SSTDCCC040EC

Tgt Ion: 77 Resp: 35058
Ion Ratio Lower Upper
77 100
182 26.8 10.8 50.8
105 23.0 2.6 42.6
51 26.9 6.2 46.2

Manual Integrations

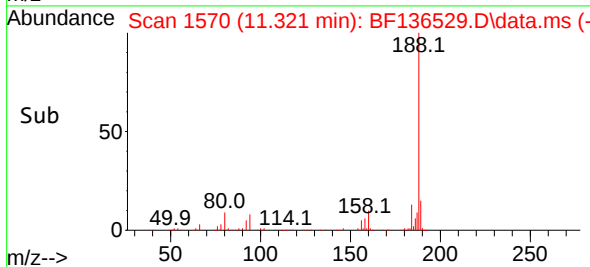
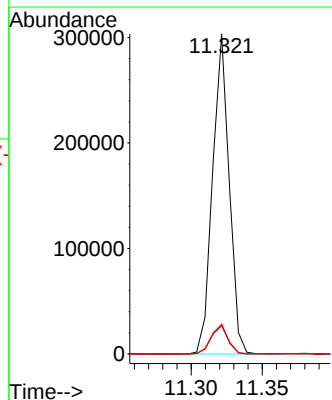
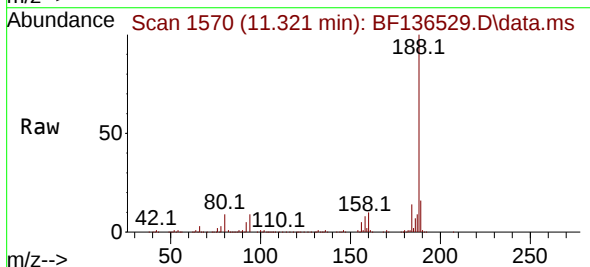
APPROVED

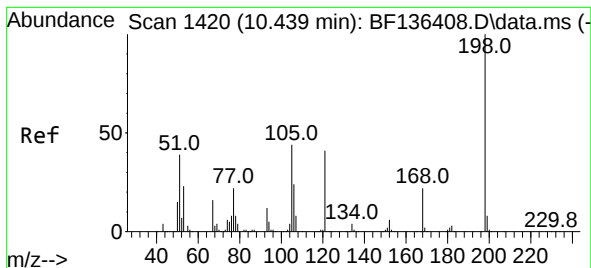
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

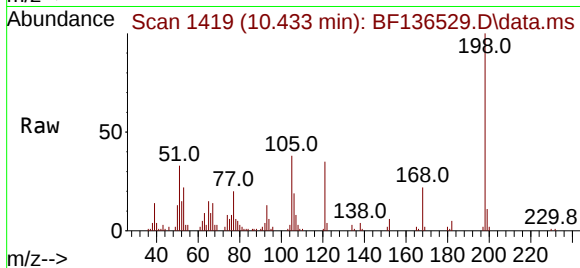
Tgt Ion:188 Resp: 246765
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.4 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 12.731 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

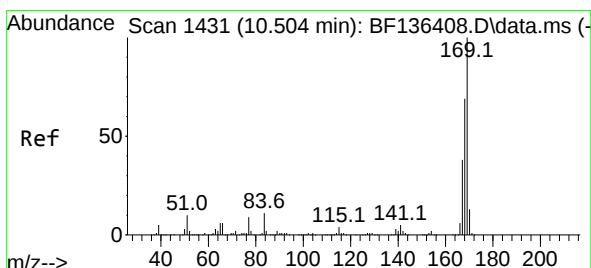
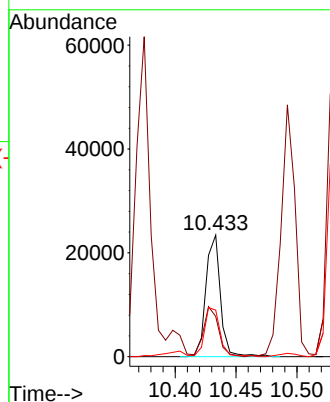
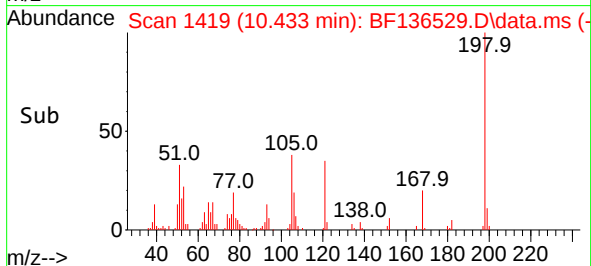
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



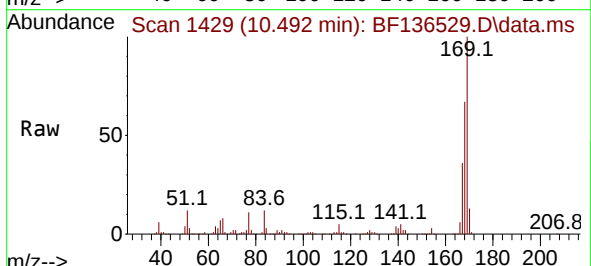
Tgt Ion:198 Resp: 19450
Ion Ratio Lower Upper
198 100
51 33.1 24.1 64.1
105 38.2 24.8 64.8

Manual Integrations
APPROVED

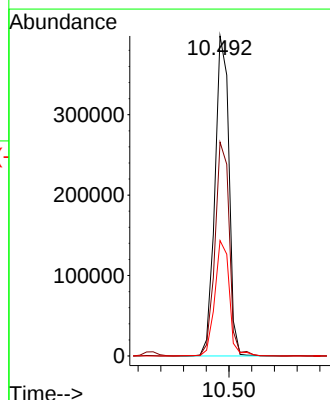
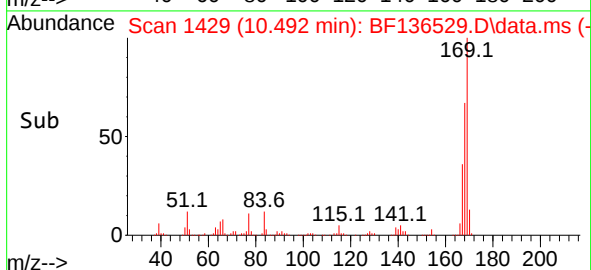
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

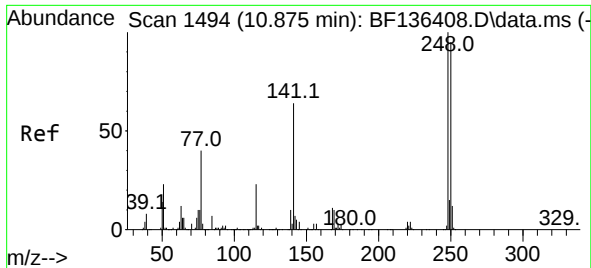


#66
n-Nitrosodiphenylamine
Concen: 43.118 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



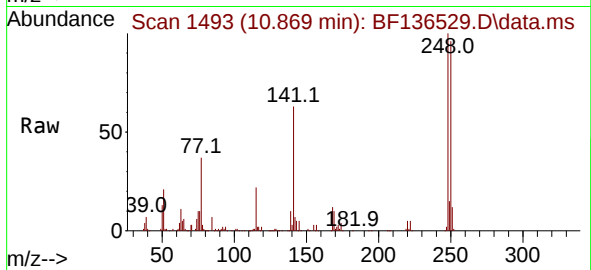
Tgt Ion:169 Resp: 341415
Ion Ratio Lower Upper
169 100
168 66.8 55.3 82.9
167 36.1 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 40.481 ng
RT: 10.869 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

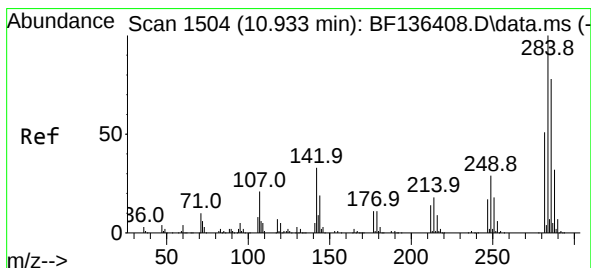
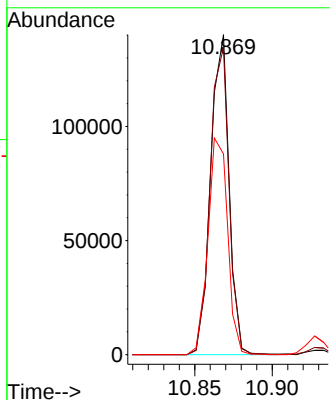
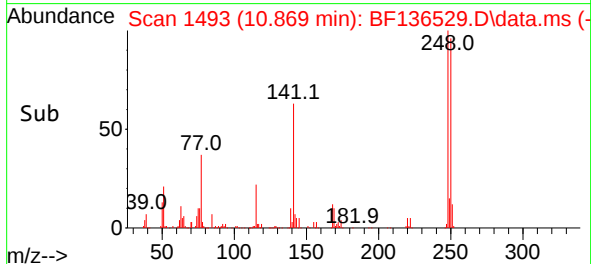
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



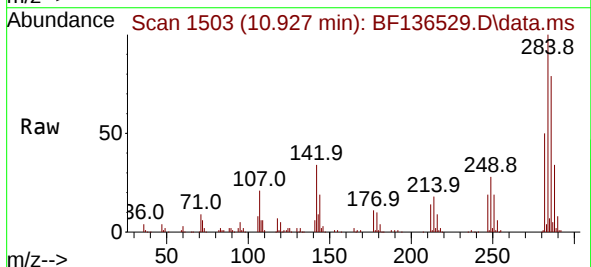
Tgt Ion:248 Resp: 11614
Ion Ratio Lower Upper
248 100
250 96.0 76.2 114.2
141 62.7 51.0 76.4

Manual Integrations
APPROVED

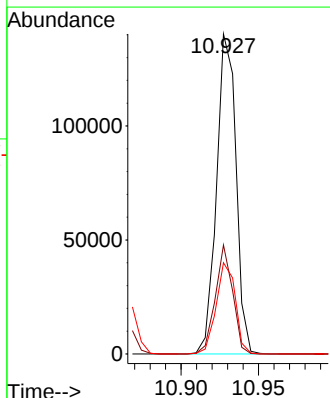
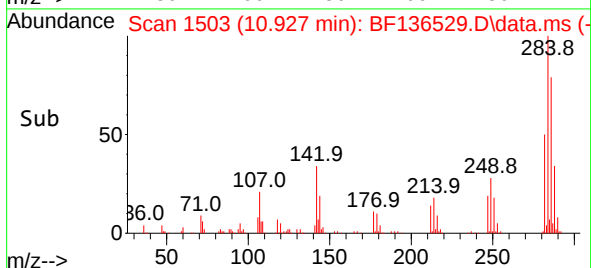
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

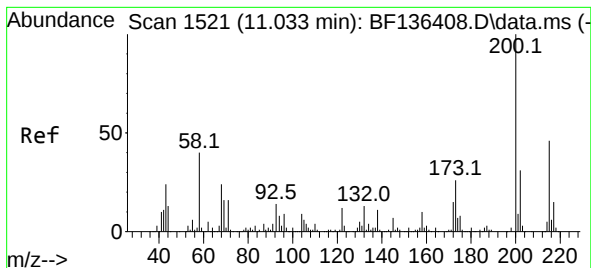


#68
Hexachlorobenzene
Concen: 36.919 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion:284 Resp: 122423
Ion Ratio Lower Upper
284 100
142 34.1 26.5 39.7
249 28.5 23.4 35.0





#69

Atrazine

Concen: 27.873 ng

RT: 11.021 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 62993

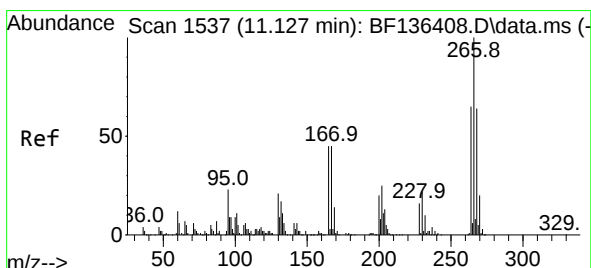
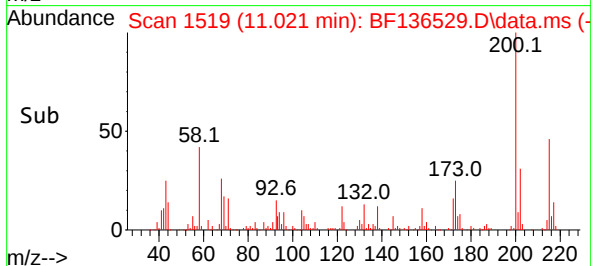
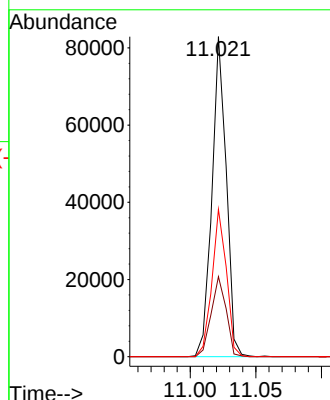
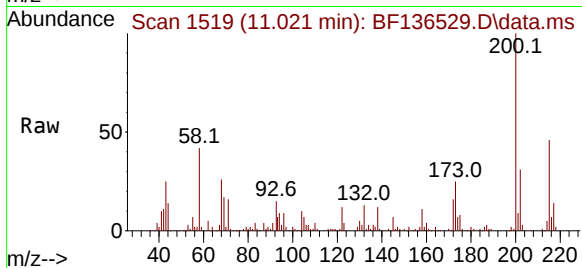
Ion	Ratio	Lower	Upper
200	100		
173	25.0	6.0	46.0
215	46.0	25.5	65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 33.421 ng

RT: 11.127 min Scan# 1537

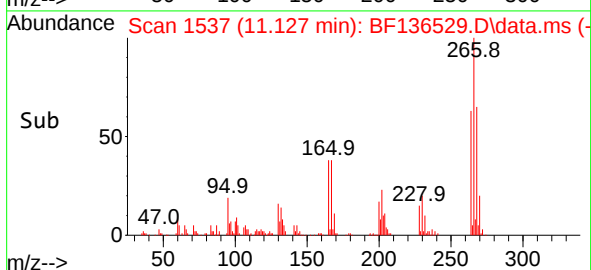
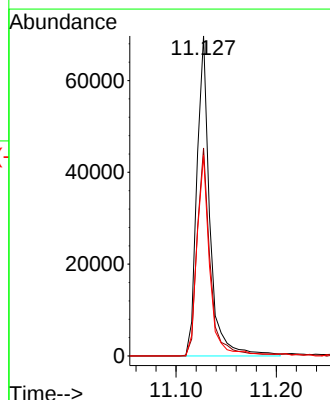
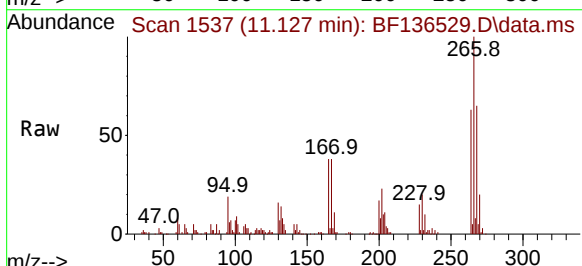
Delta R.T. -0.000 min

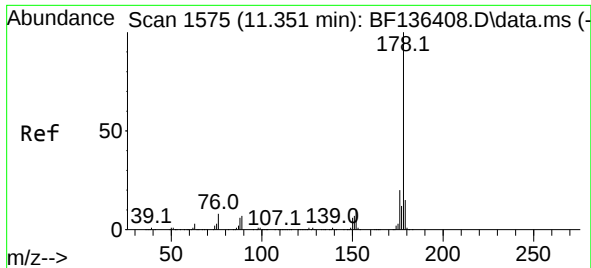
Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Tgt Ion:266 Resp: 62546

Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.0	76.6
264	62.7	52.2	78.4





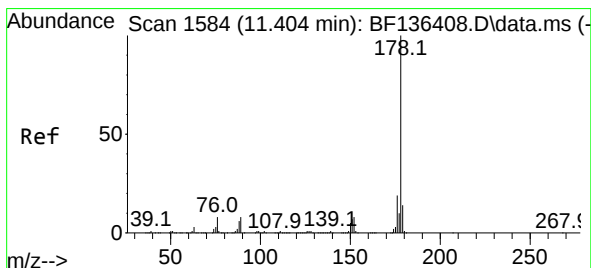
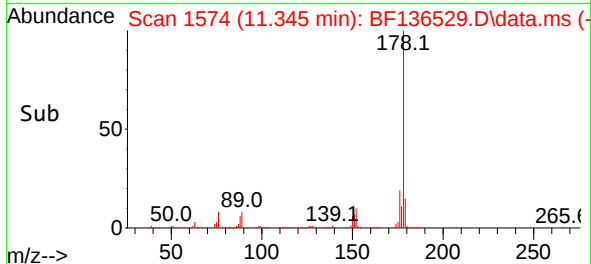
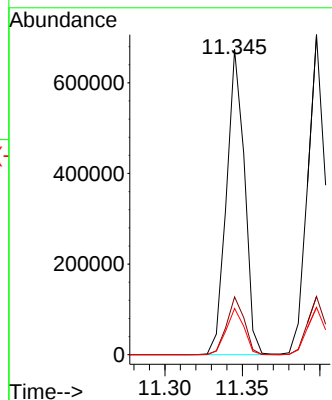
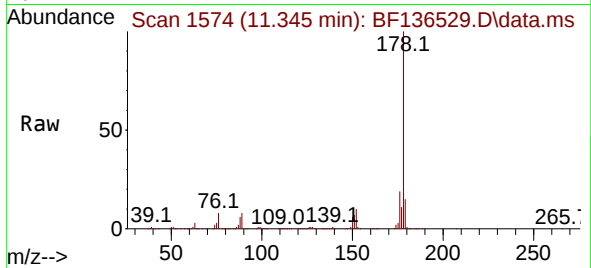
#71
Phenanthrene
Concen: 40.178 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 54494
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.2 11.8 17.6

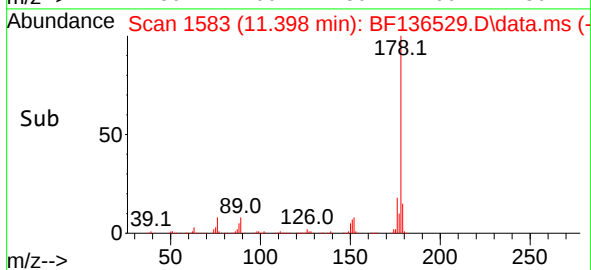
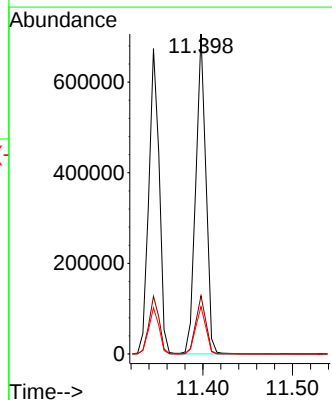
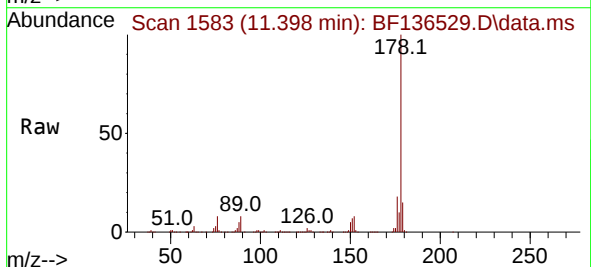
Manual Integrations
APPROVED

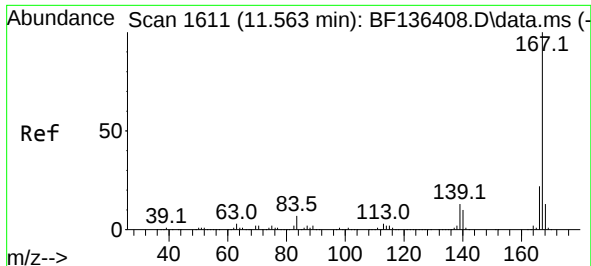
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 40.523 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

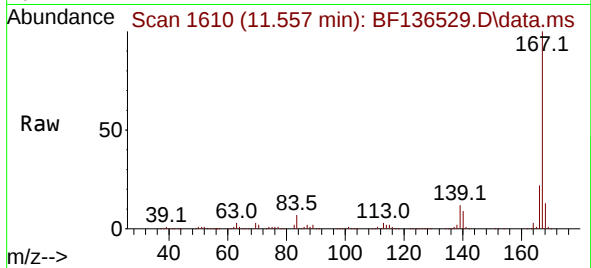
Tgt Ion:178 Resp: 553594
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 14.8 11.4 17.0





#73
 Carbazole
 Concen: 39.570 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136529.D
 Acq: 12 Dec 2023 22:06

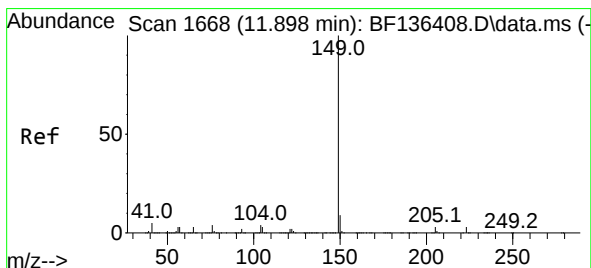
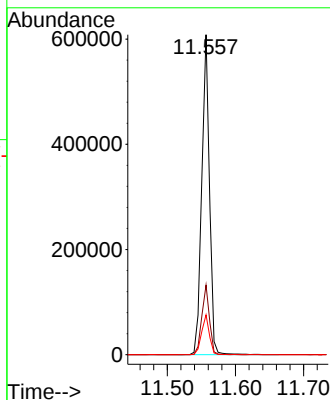
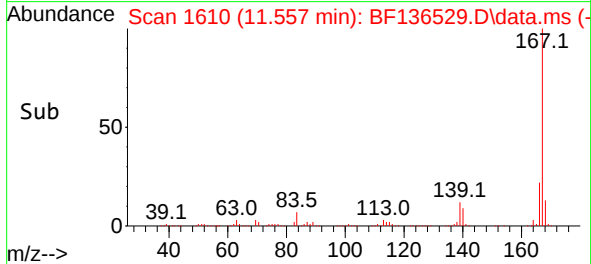
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



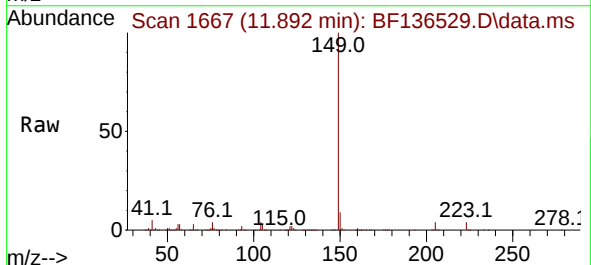
Tgt Ion:167 Resp: 478454
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 12.5 10.2 15.4

Manual Integrations
 APPROVED

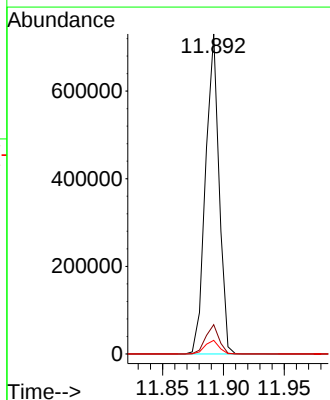
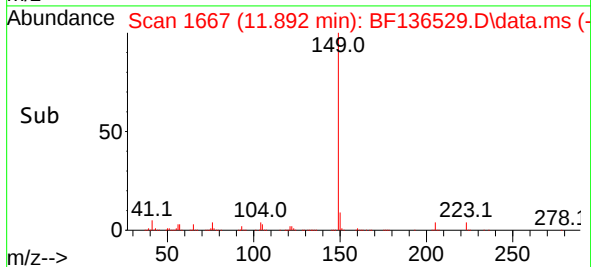
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

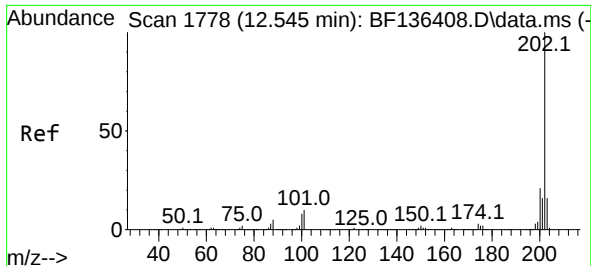


#74
 Di-n-butylphthalate
 Concen: 38.105 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136529.D
 Acq: 12 Dec 2023 22:06



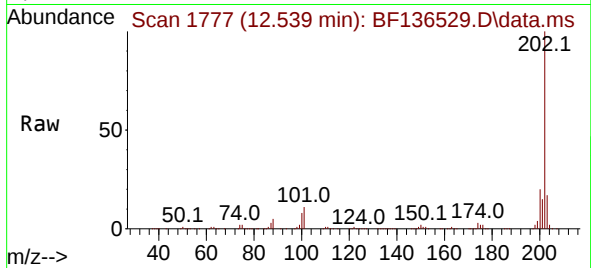
Tgt Ion:149 Resp: 564814
 Ion Ratio Lower Upper
 149 100
 150 9.2 6.9 10.3
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 40.702 ng
RT: 12.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

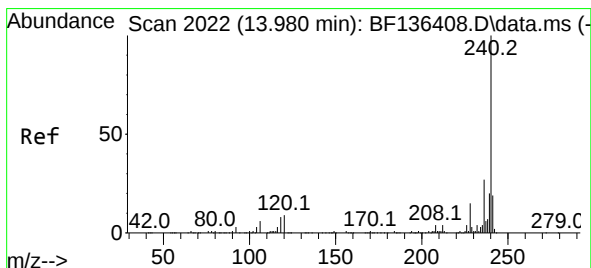
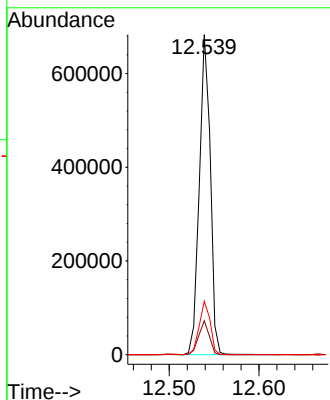
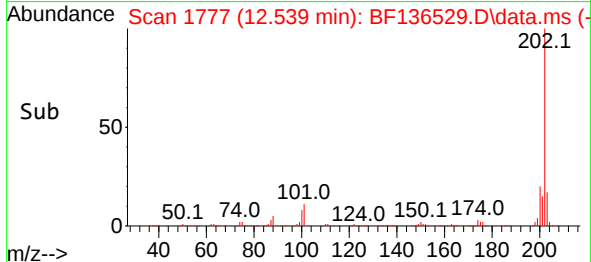
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



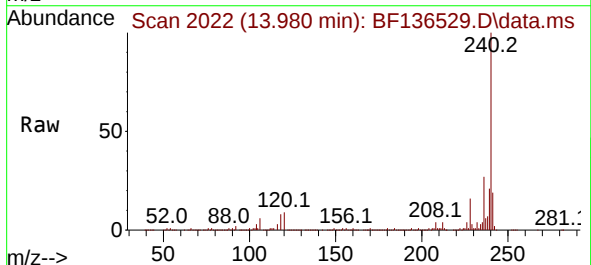
Tgt Ion:202 Resp: 57852
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.9
203 16.7 0.0 36.3

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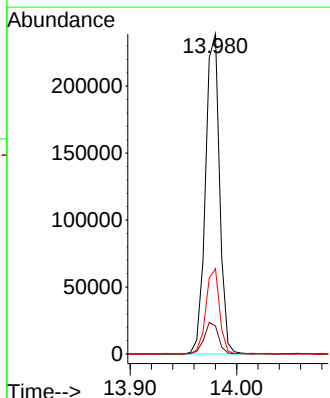
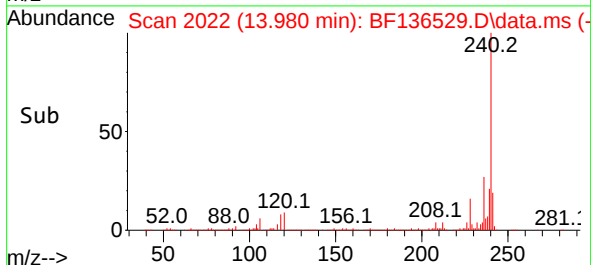
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

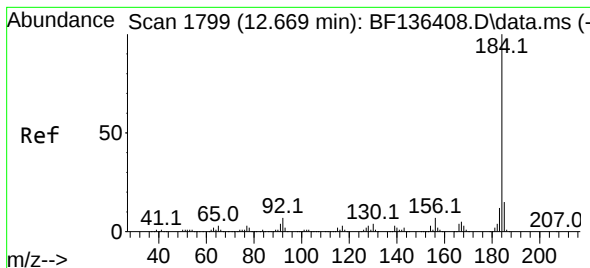


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06



Tgt Ion:240 Resp: 220677
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.6 21.3 31.9





#77

Benzidine

Concen: 35.978 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.001 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:184 Resp: 168798

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

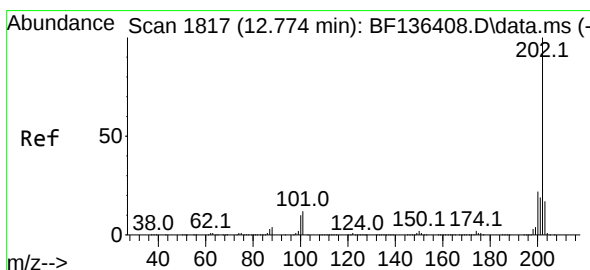
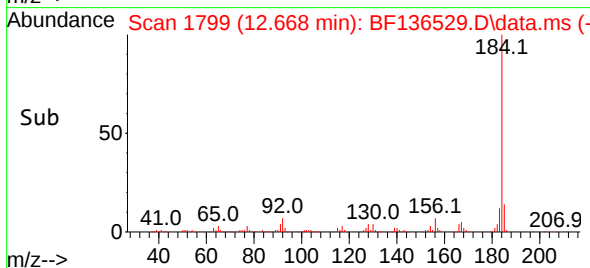
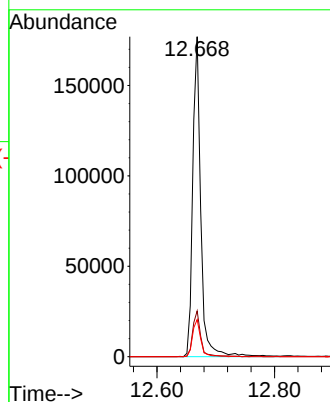
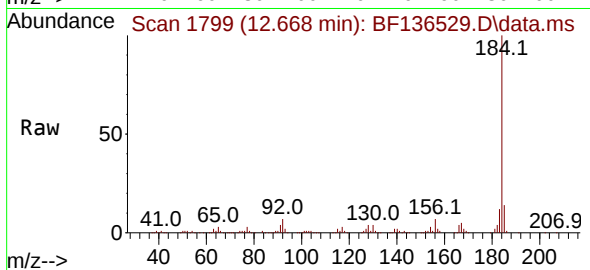
183 11.6 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#78

Pyrene

Concen: 27.959 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

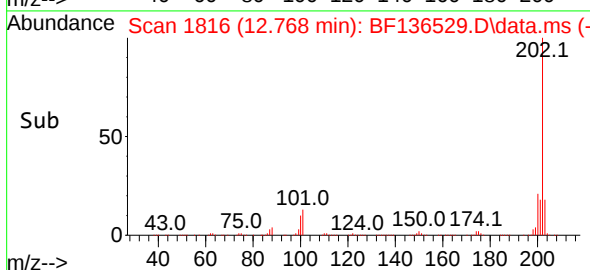
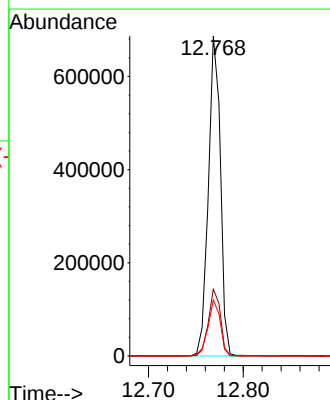
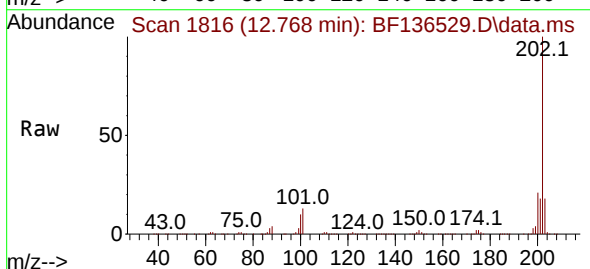
Tgt Ion:202 Resp: 604252

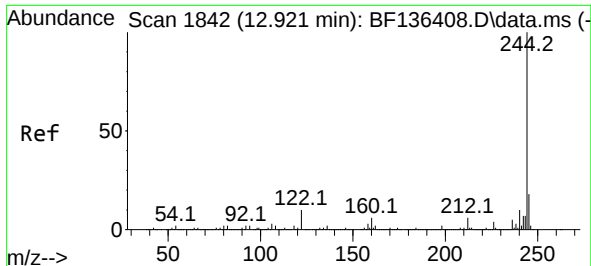
Ion Ratio Lower Upper

202 100

200 20.8 18.0 27.0

203 17.5 13.5 20.3





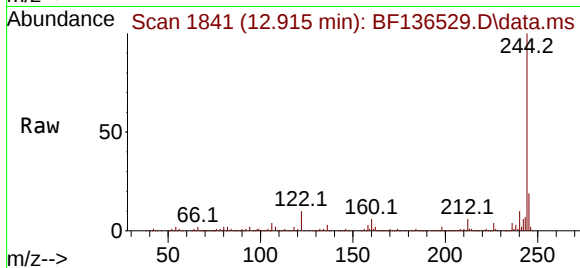
#79
 Terphenyl-d14
 Concen: 55.246 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136529.D
 Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

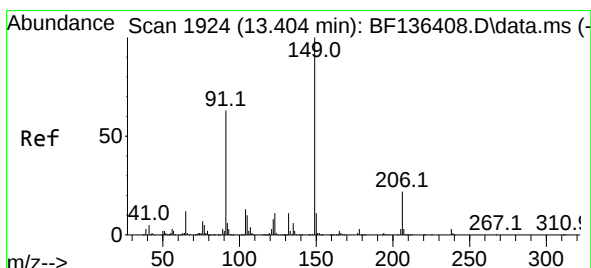
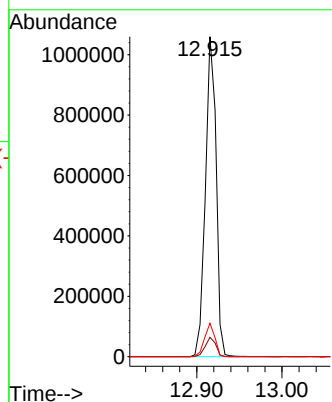
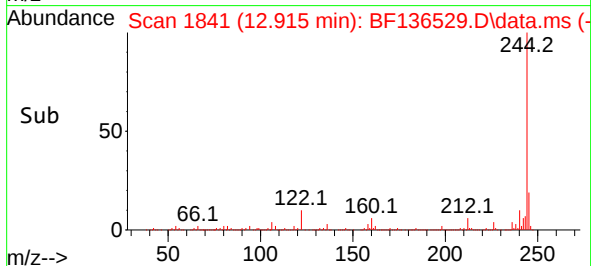


Tgt Ion:244 Resp: 924975
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.5 8.3 12.5

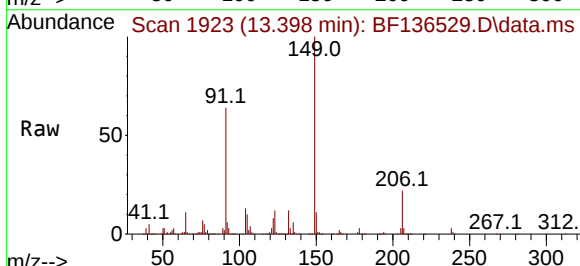
Manual Integrations

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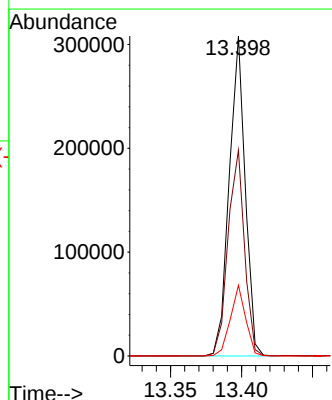
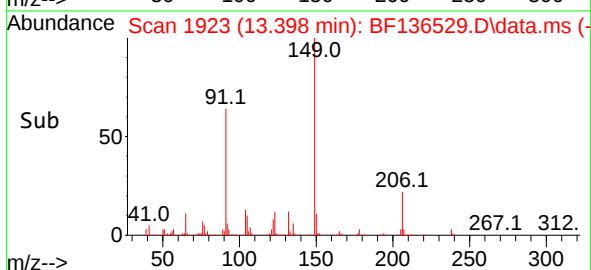
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

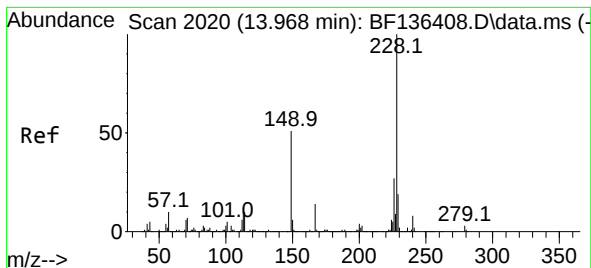


#80
 Butylbenzylphthalate
 Concen: 31.233 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136529.D
 Acq: 12 Dec 2023 22:06



Tgt Ion:149 Resp: 240292
 Ion Ratio Lower Upper
 149 100
 91 64.3 50.5 75.7
 206 22.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 38.957 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 598830

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

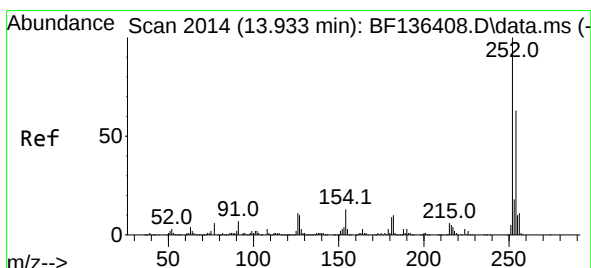
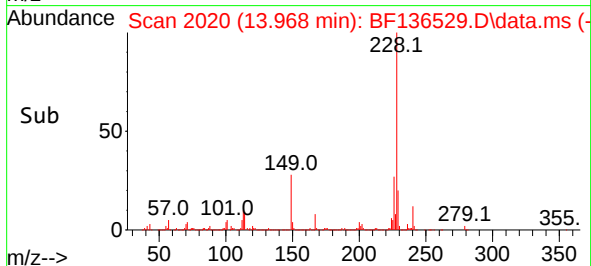
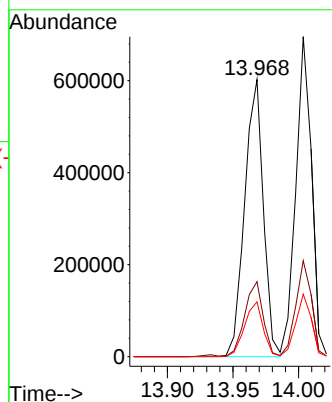
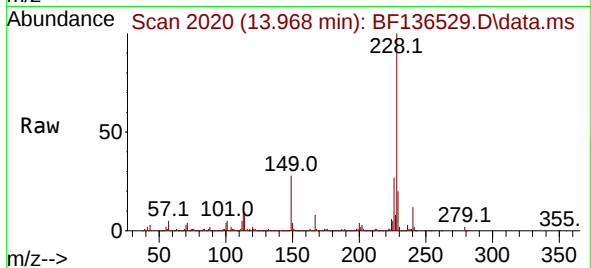
229 19.8 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#82

3,3'-Dichlorobenzidine

Concen: 48.491 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

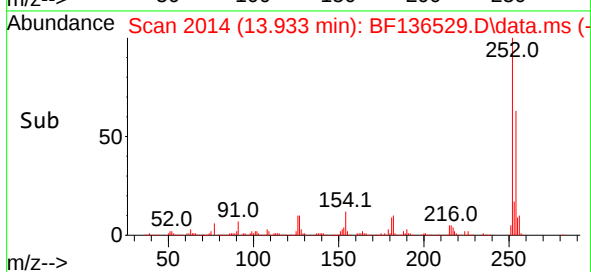
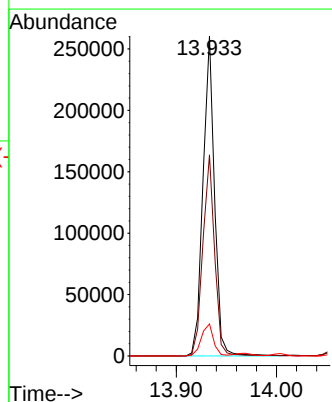
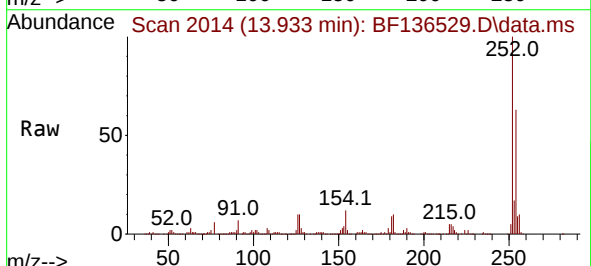
Tgt Ion:252 Resp: 208992

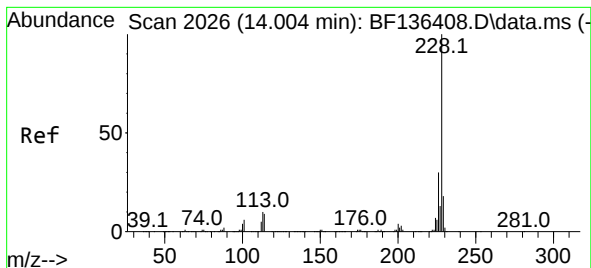
Ion Ratio Lower Upper

252 100

254 62.8 50.8 76.2

126 10.0 8.6 12.8





#83

Chrysene

Concen: 38.266 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

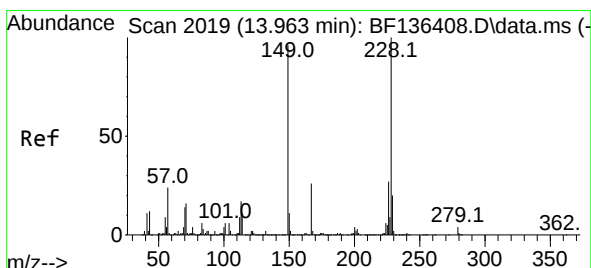
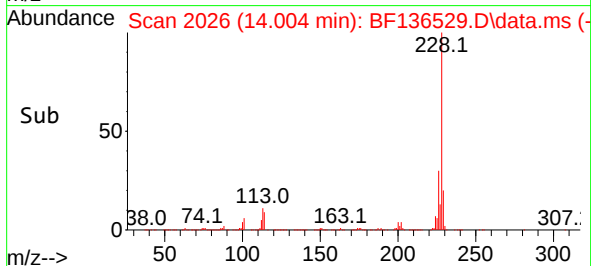
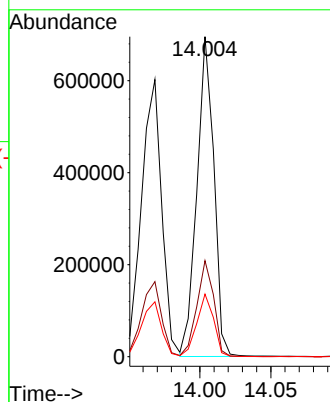
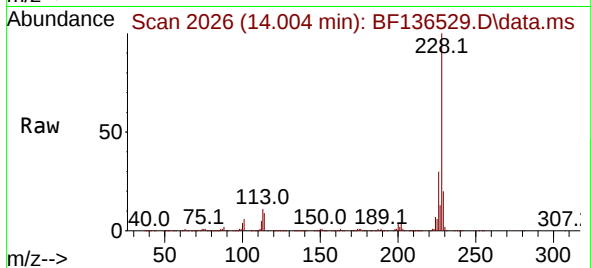
Tgt Ion:	228	Resp:	578718
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.6
229	19.6	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.963 ng

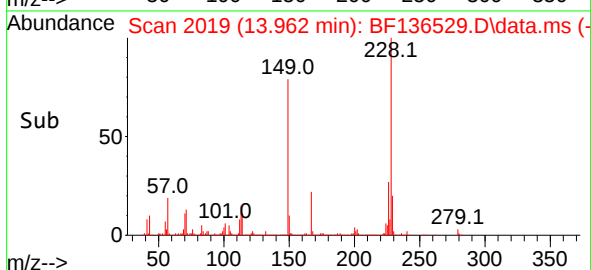
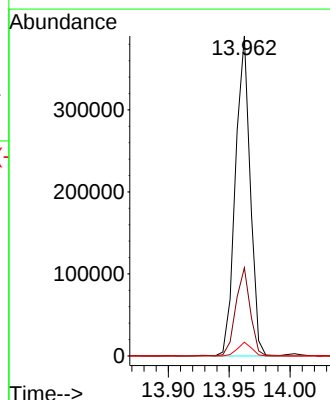
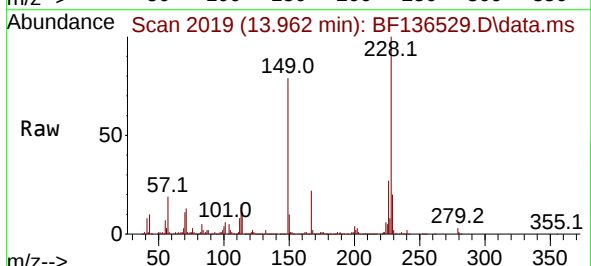
RT: 13.962 min Scan# 2019

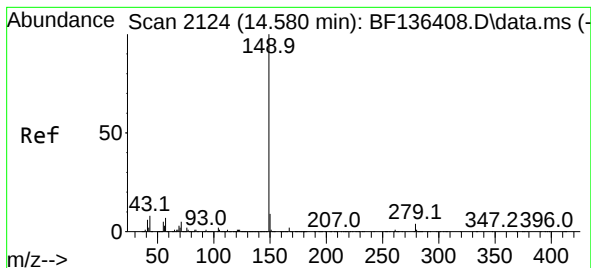
Delta R.T. -0.000 min

Lab File: BF136529.D

Acq: 12 Dec 2023 22:06

Tgt Ion:	149	Resp:	329761
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.2	31.8
279	4.3	3.1	4.7





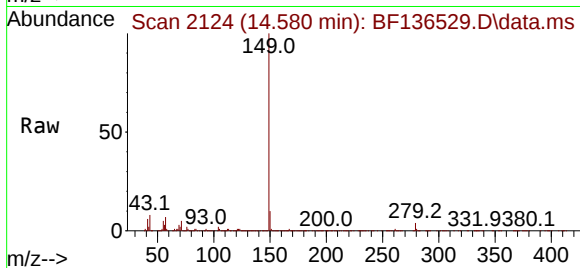
#85
Di-n-octyl phthalate
Concen: 43.974 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



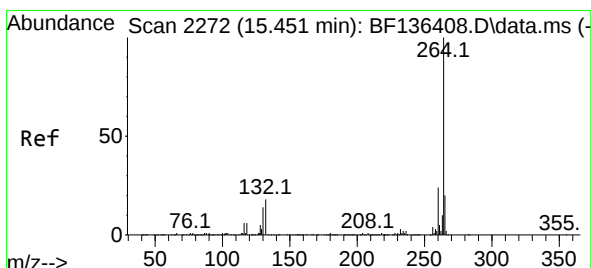
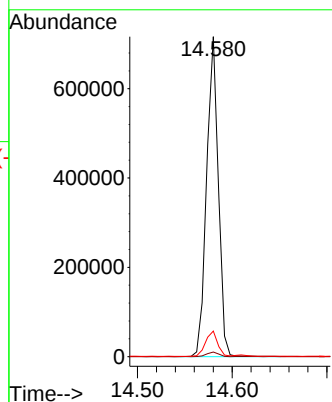
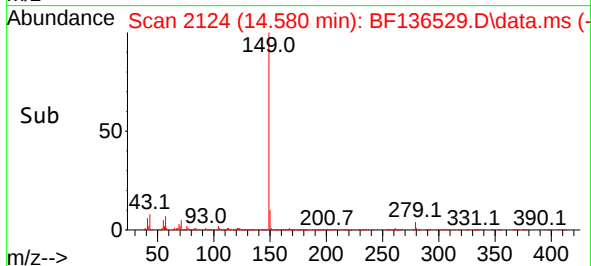
Tgt Ion:149 Resp: 612624
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.8 10.2

Manual Integrations

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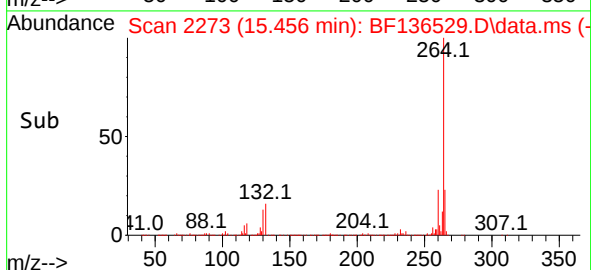
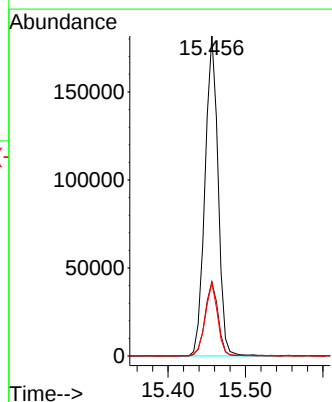
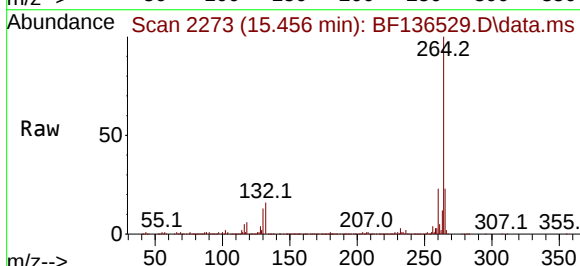
Reviewed By :Yogesh Patel 12/14/2023

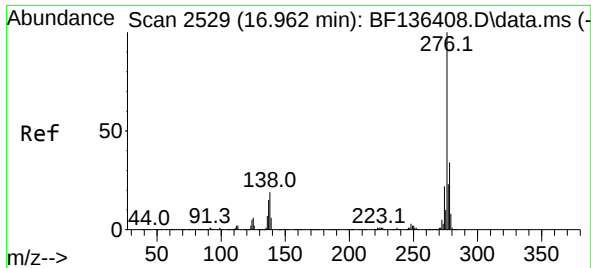
Supervised By :mohammad ahmed 12/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:264 Resp: 213219
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 22.8 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 27.814 ng
RT: 16.962 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

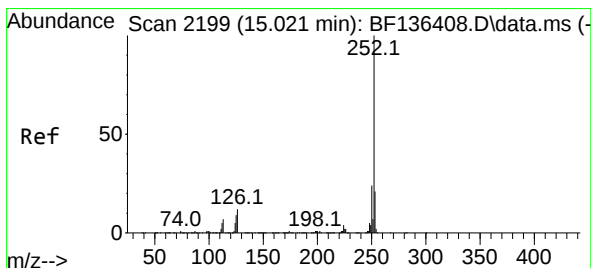
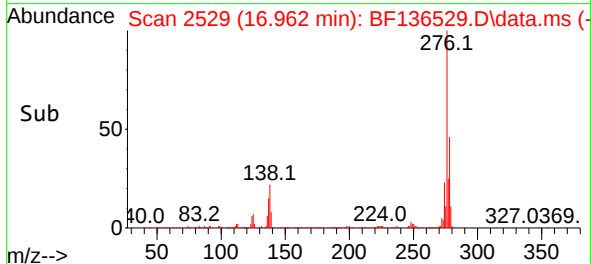
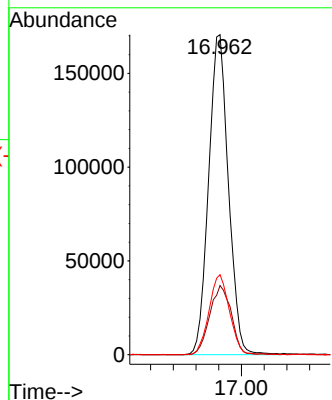
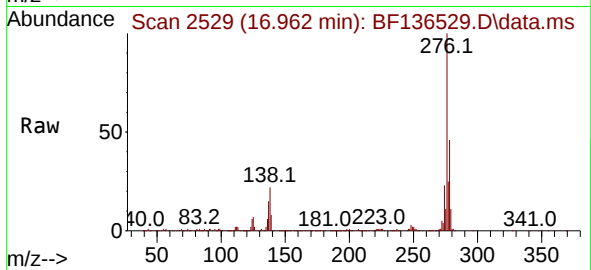
ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 41200
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 25.8 20.0 30.0

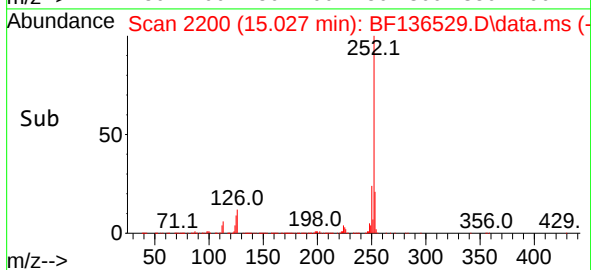
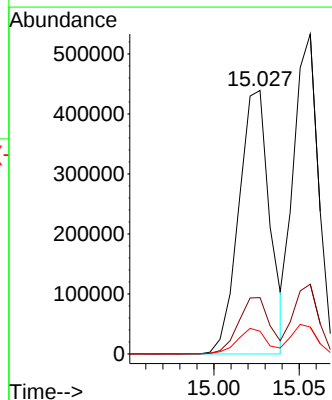
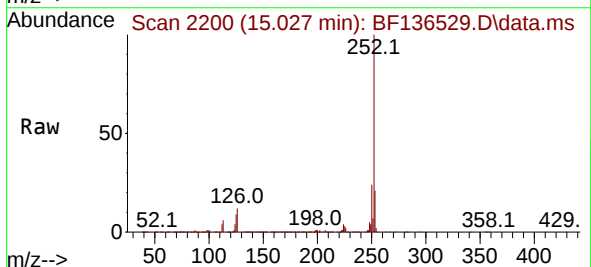
Manual Integrations
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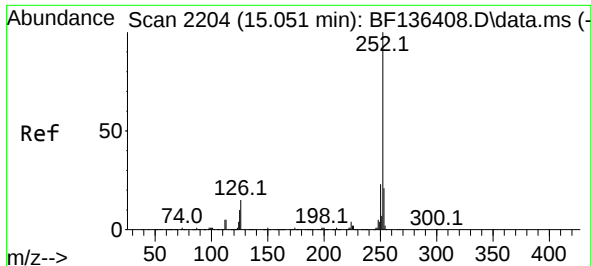
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 38.225 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

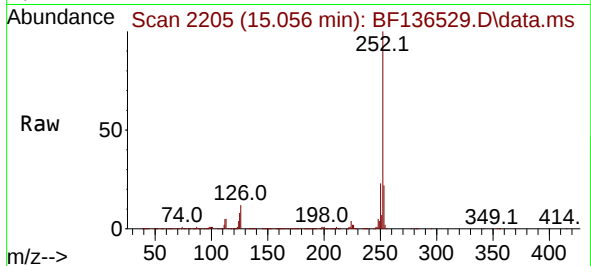
Tgt Ion:252 Resp: 557261
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 8.6 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 39.405 ng
RT: 15.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

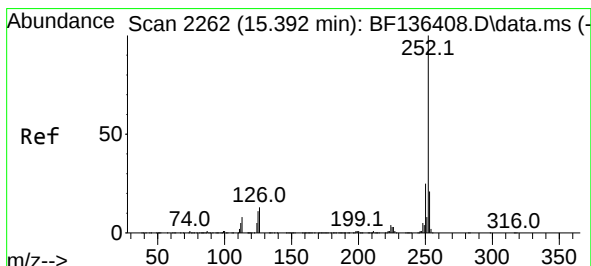
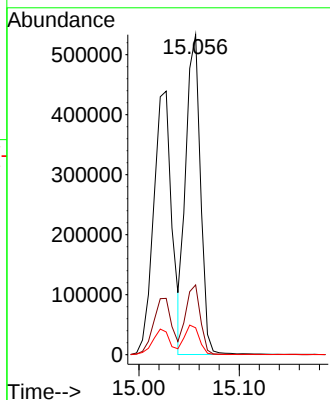
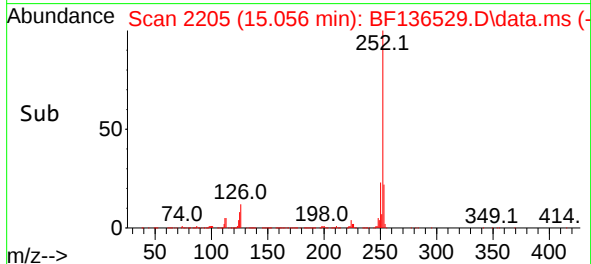
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:252 Resp: 54138
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 8.4 7.5 11.3

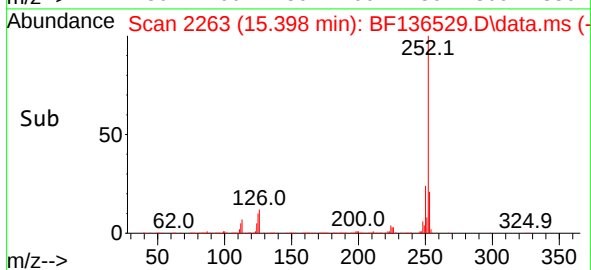
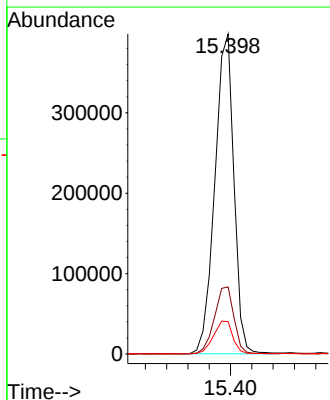
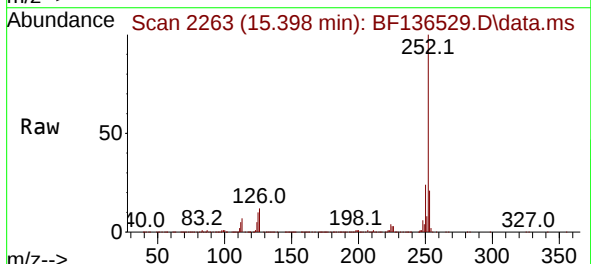
Manual Integrations
APPROVED

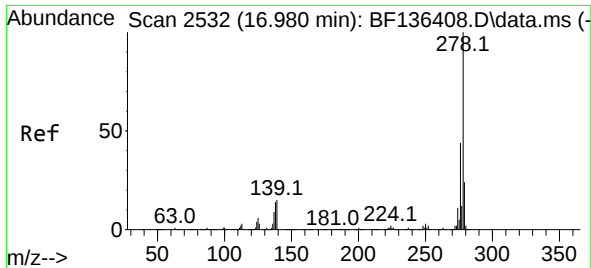
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#90
Benzo(a)pyrene
Concen: 40.901 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:252 Resp: 492430
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 10.1 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 29.377 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Instrument :

BNA_F

ClientSampleId :

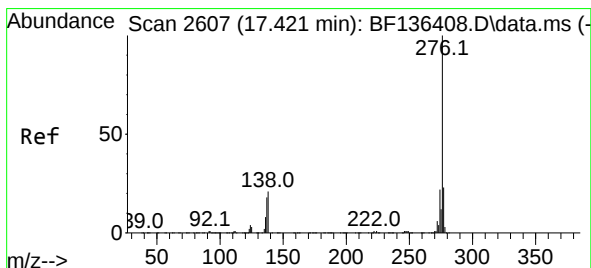
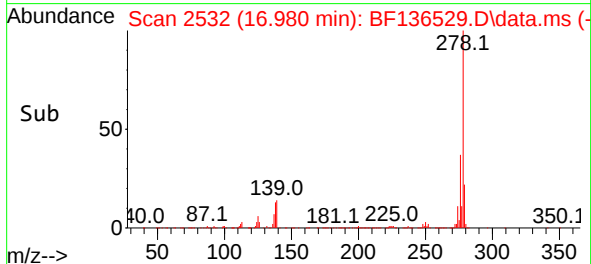
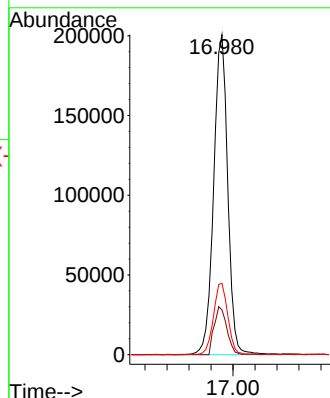
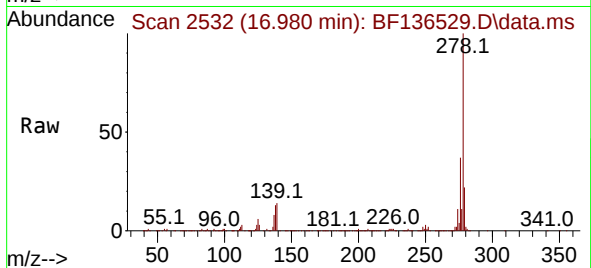
SSTDCCC040EC

Tgt Ion:278 Resp: 356490
Ion Ratio Lower Upper
278 100
139 14.0 12.2 18.4
279 22.3 19.0 28.4

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 25.799 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136529.D
Acq: 12 Dec 2023 22:06

Tgt Ion:276 Resp: 321337
Ion Ratio Lower Upper
276 100
277 22.5 18.7 28.1
138 20.0 16.6 25.0

