

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136531.D
 Acq On : 13 Dec 2023 11:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 13 11:59:47 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	105571	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	423071	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	218019	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	406258	20.000	ng	0.00
76) Chrysene-d12	13.974	240	219503	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	201173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	527628	73.810	ng	0.00
7) Phenol-d6	6.445	99	660711	74.080	ng	0.00
23) Nitrobenzene-d5	7.363	82	595082	76.040	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	205460	76.431	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1221192	76.430	ng	0.00
79) Terphenyl-d14	12.921	244	1359692	81.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	107350	37.967	ng	94
3) Pyridine	3.304	79	281553	41.119	ng	94
4) n-Nitrosodimethylamine	3.275	42	111310	37.417	ng	97
6) Aniline	6.463	93	415097	46.053	ng	94
8) 2-Chlorophenol	6.586	128	292821	37.522	ng	98
9) Benzaldehyde	6.351	77	179383	39.735	ng	96
10) Phenol	6.457	94	358850	37.812	ng	88
11) bis(2-Chloroethyl)ether	6.539	93	261056	36.903	ng	97
12) 1,3-Dichlorobenzene	6.739	146	303240	34.552	ng	96
13) 1,4-Dichlorobenzene	6.816	146	308310	34.630	ng	99
14) 1,2-Dichlorobenzene	6.969	146	288733	34.488	ng	98
15) Benzyl Alcohol	6.945	79	232654	38.955	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	312005	34.293	ng	95
17) 2-Methylphenol	7.057	107	249858	39.629	ng	97
18) Hexachloroethane	7.304	117	106913	34.396	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	189945	36.919	ng	96
20) 3+4-Methylphenols	7.210	107	301098	38.475	ng	96
22) Acetophenone	7.210	105	393127	37.630	ng	98
24) Nitrobenzene	7.381	77	288098	36.595	ng	98
25) Isophorone	7.616	82	524459	37.301	ng	99
26) 2-Nitrophenol	7.692	139	153025	39.538	ng	98
27) 2,4-Dimethylphenol	7.733	122	234893	49.219	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	319125	36.937	ng	97
29) 2,4-Dichlorophenol	7.939	162	244197	38.766	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	265710	36.174	ng	98
31) Naphthalene	8.098	128	861682	36.933	ng	99
32) Benzoic acid	7.863	122	174524m	36.864	ng	
33) 4-Chloroaniline	8.151	127	363737	43.731	ng	98
34) Hexachlorobutadiene	8.210	225	153414	35.242	ng	100
35) Caprolactam	8.528	113	75679	39.012	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	259174	38.750	ng	99
37) 2-Methylnaphthalene	8.786	142	584223	39.361	ng	94
38) 1-Methylnaphthalene	8.886	142	539146	37.017	ng	96
40) 1,2,4,5-Tetrachloroben...	8.957	216	267408	39.424	ng	99
41) Hexachlorocyclopentadiene	8.939	237	104733	41.678	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	168486	38.149	ng	99

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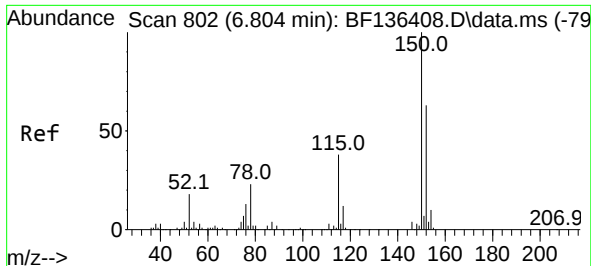
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 06 09:40:27 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	199268	40.425	ng	97
46) 1,1'-Biphenyl	9.257	154	715357	38.561	ng	98
47) 2-Chloronaphthalene	9.280	162	519485	35.978	ng	98
48) 2-Nitroaniline	9.380	65	153526	39.645	ng	88
49) Acenaphthylene	9.692	152	821687	39.949	ng	98
50) Dimethylphthalate	9.563	163	626585	39.036	ng	99
51) 2,6-Dinitrotoluene	9.622	165	139698	38.686	ng	97
52) Acenaphthene	9.869	154	509283	38.639	ng	96
53) 3-Nitroaniline	9.792	138	152847	41.450	ng	95
54) 2,4-Dinitrophenol	9.898	184	65556	35.906	ng #	88
55) Dibenzofuran	10.039	168	758126	39.373	ng	100
56) 4-Nitrophenol	9.957	139	105969	38.334	ng	98
57) 2,4-Dinitrotoluene	10.027	165	184004	38.518	ng	98
58) Fluorene	10.386	166	583526	37.753	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	152155	38.536	ng	99
60) Diethylphthalate	10.257	149	594215	37.647	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	289487	38.419	ng	98
62) 4-Nitroaniline	10.410	138	150444	41.088	ng	95
63) Azobenzene	10.539	77	539248	37.535	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	101849	40.480	ng	88
66) n-Nitrosodiphenylamine	10.498	169	515454	39.541	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	186228	39.427	ng	98
68) Hexachlorobenzene	10.933	284	198227	36.311	ng #	92
69) Atrazine	11.027	200	136386	36.656	ng	99
70) Pentachlorophenol	11.127	266	111267	36.113	ng	96
71) Phenanthrene	11.351	178	882544	39.523	ng	98
72) Anthracene	11.404	178	909364	40.433	ng	99
73) Carbazole	11.557	167	775920	38.979	ng	99
74) Di-n-butylphthalate	11.892	149	911422	37.349	ng	100
75) Fluoranthene	12.545	202	882020	37.693	ng	99
77) Benzidine	12.668	184	144154	32.751	ng	99
78) Pyrene	12.774	202	896807	41.717	ng	98
80) Butylbenzylphthalate	13.398	149	309415	40.432	ng	94
81) Benzo(a)anthracene	13.968	228	613524	40.127	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	195393	45.579	ng	99
83) Chrysene	14.004	228	579566	38.527	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	366302	39.045	ng	99
85) Di-n-octyl phthalate	14.574	149	479523	34.604	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	581222	41.587	ng	99
88) Benzo(b)fluoranthene	15.021	252	461181	33.529	ng	100
89) Benzo(k)fluoranthene	15.051	252	477537	36.840	ng	100
90) Benzo(a)pyrene	15.392	252	462144	40.684	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	475727	41.550	ng	99
92) Benzo(g,h,i)perylene	17.415	276	490110	41.705	ng	99

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



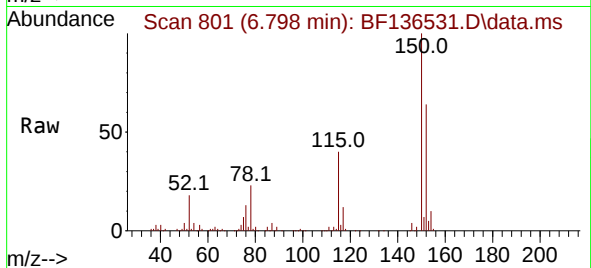
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

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SSTDCCC040

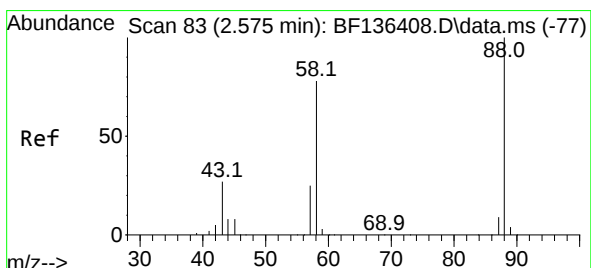
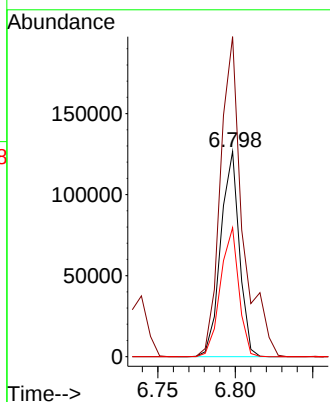
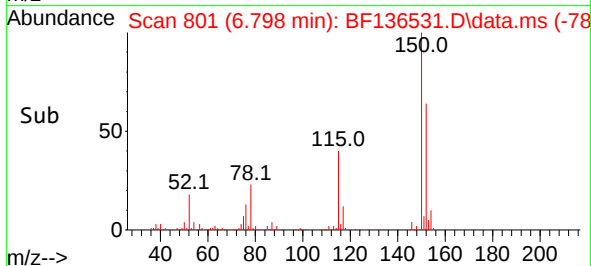


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 Ion Ratio Lower Upper
 152 100
 150 155.9 126.4 189.6
 115 62.8 48.2 72.4

Manual Integrations

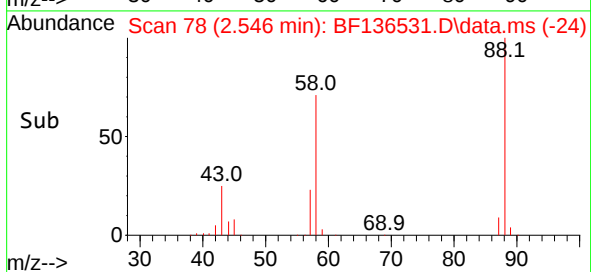
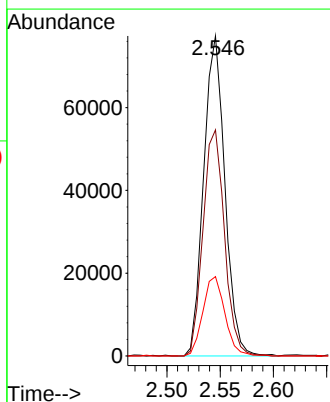
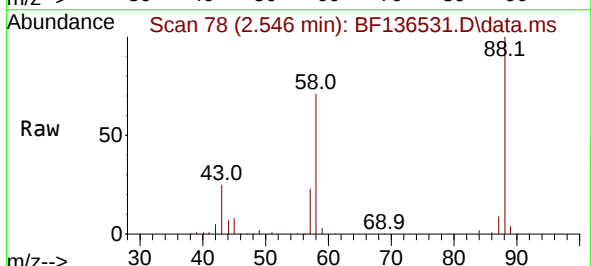
APPROVED

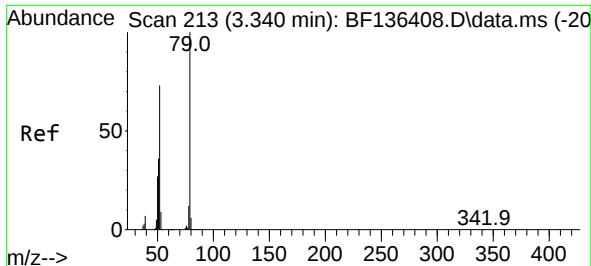
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#2
 1,4-Dioxane
 Concen: 37.967 ng
 RT: 2.546 min Scan# 78
 Delta R.T. -0.030 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

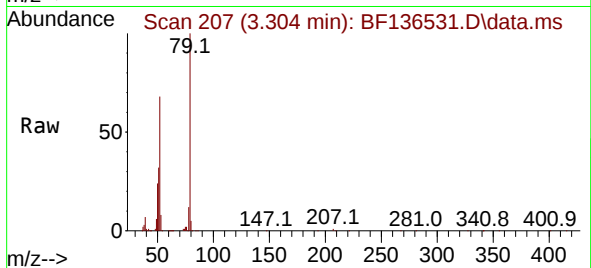
Tgt Ion: 88 Resp: 107350
 Ion Ratio Lower Upper
 88 100
 58 71.4 62.2 93.2
 43 25.8 21.5 32.3





#3
Pyridine
Concen: 41.119 ng
RT: 3.304 min Scan# 20
Delta R.T. -0.035 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

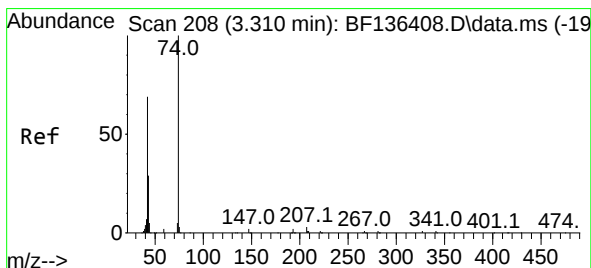
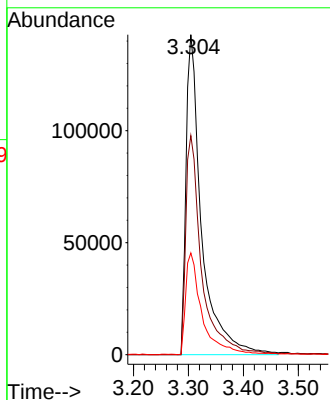
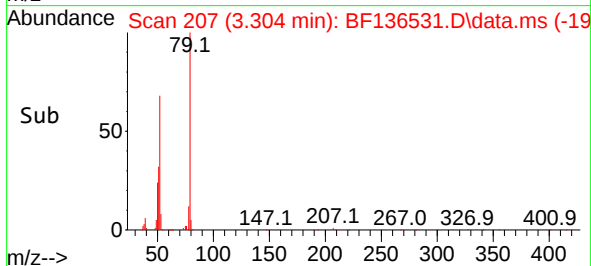
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



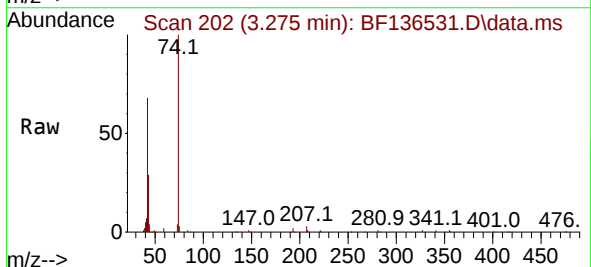
Tgt Ion: 79 Resp: 28155
Ion Ratio Lower Upper
79 100
52 68.5 58.2 87.2
51 31.8 29.1 43.7

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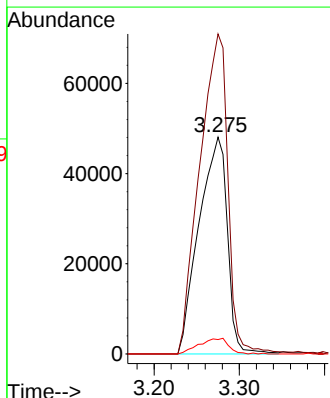
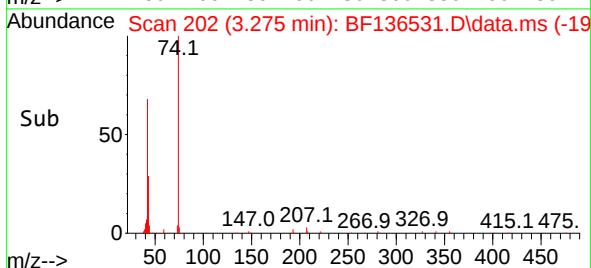
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

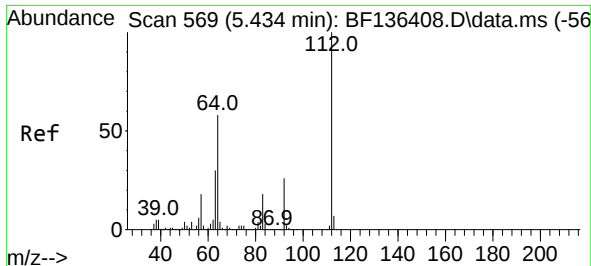


#4
n-Nitrosodimethylamine
Concen: 37.417 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.035 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion: 42 Resp: 111310
Ion Ratio Lower Upper
42 100
74 147.6 115.4 173.0
44 6.6 6.2 9.2





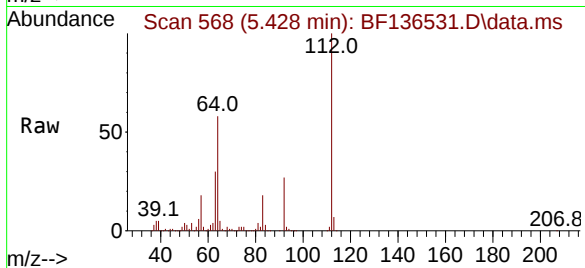
#5
2-Fluorophenol
Concen: 73.810 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

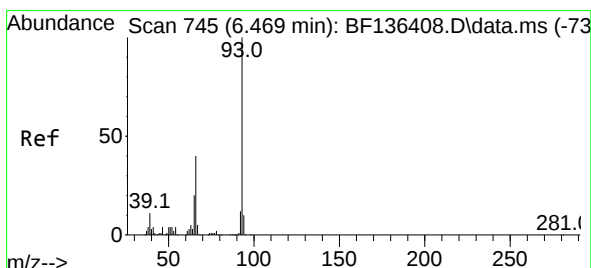
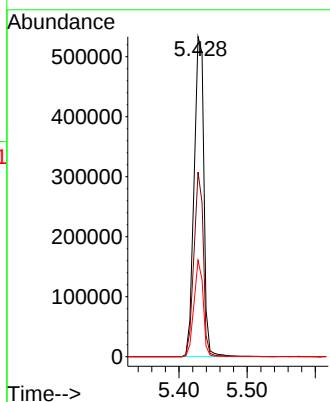
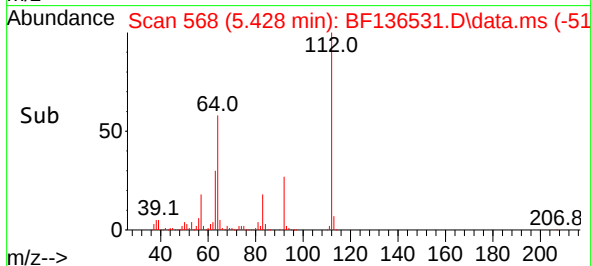


Tgt Ion:112 Resp: 527628
Ion Ratio Lower Upper
112 100
64 57.7 46.5 69.7
63 30.2 23.9 35.9

Manual Integrations

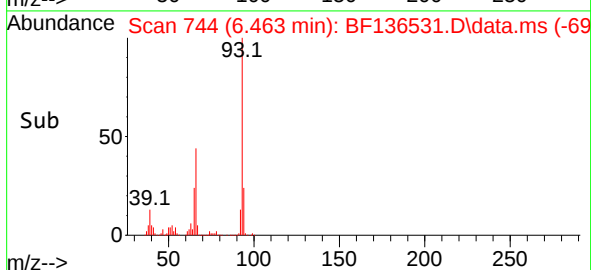
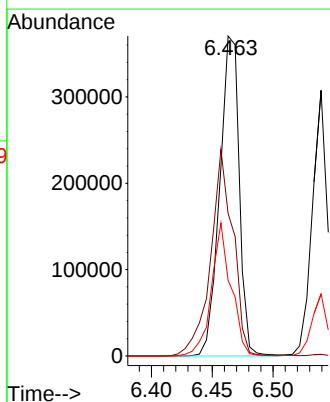
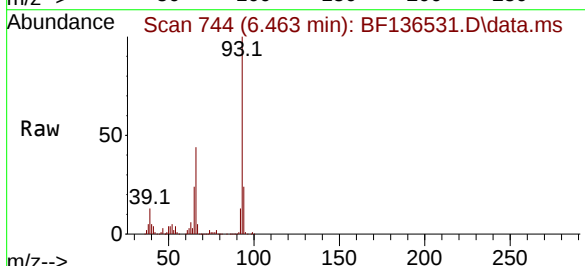
APPROVED

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



#6
Aniline
Concen: 46.053 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

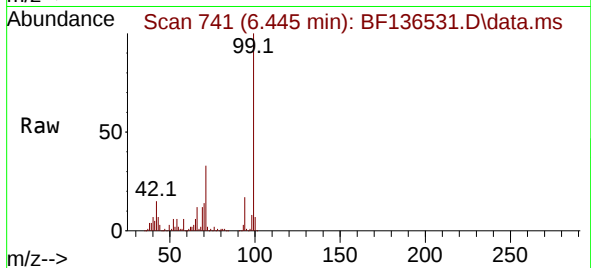
Tgt Ion: 93 Resp: 415097
Ion Ratio Lower Upper
93 100
66 44.5 32.5 48.7
65 23.7 16.4 24.6





#7
Phenol-d6
Concen: 74.080 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

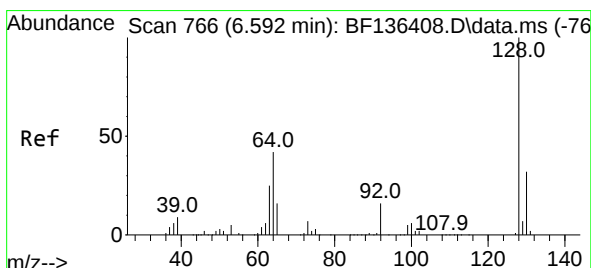
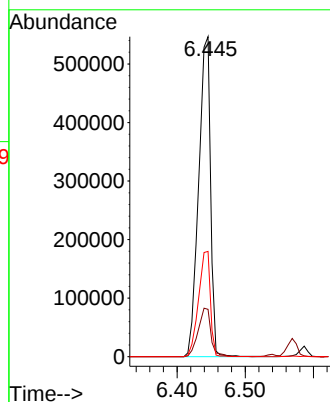
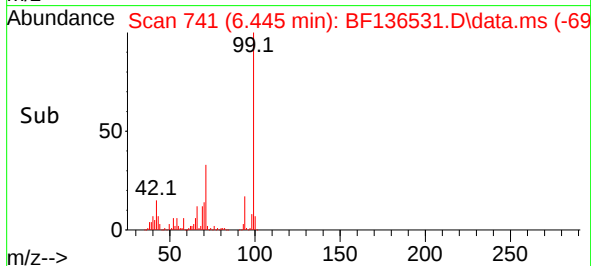
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BNA_F
ClientSampleId :
SSTDCCC040



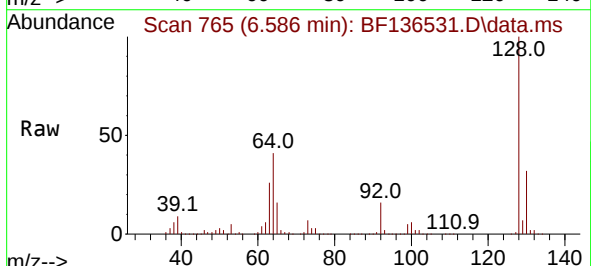
Tgt Ion: 99 Resp: 66071
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 32.9 27.0 40.4

Manual Integrations
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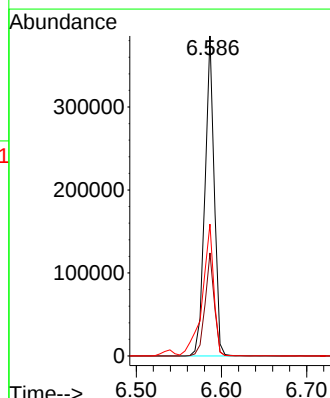
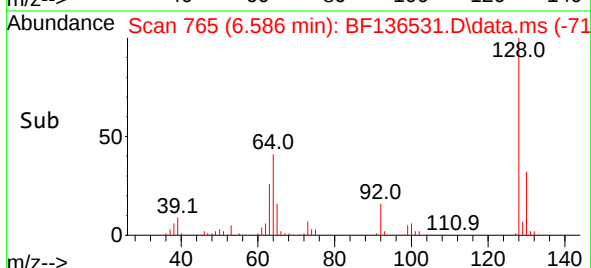
Reviewed By :Yogesh Patel 12/14/2023
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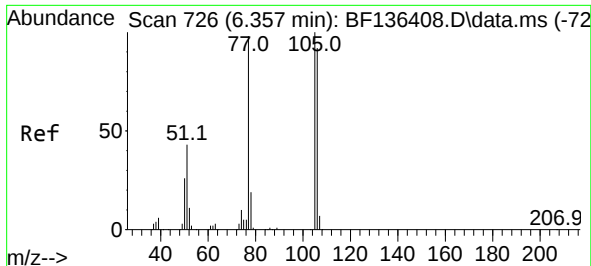


#8
2-Chlorophenol
Concen: 37.522 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



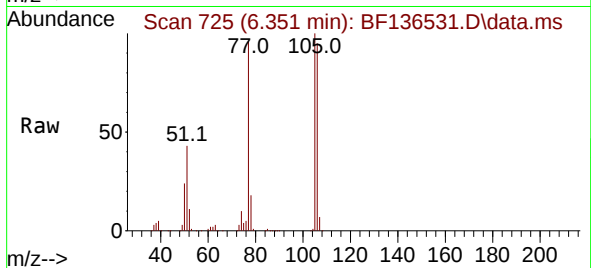
Tgt Ion:128 Resp: 292821
Ion Ratio Lower Upper
128 100
130 32.2 11.7 51.7
64 41.2 22.5 62.5





#9
Benzaldehyde
Concen: 39.735 ng
RT: 6.351 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

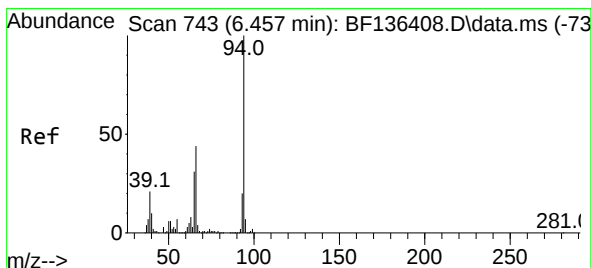
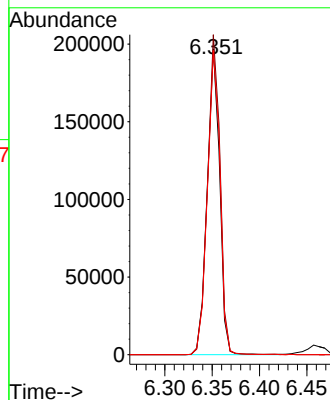
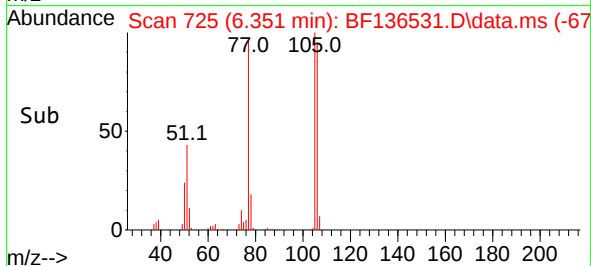
Instrument :
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SSTDCCC040



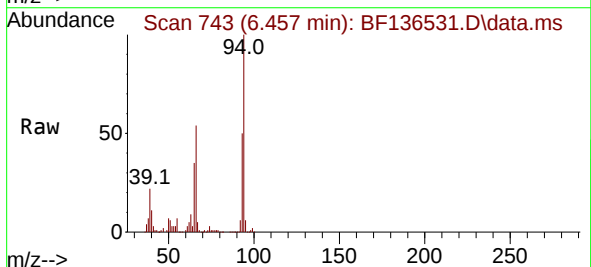
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Ion Ratio Lower Upper
77 100
105 104.6 82.5 122.5
106 99.4 74.5 114.5

Manual Integrations
APPROVED

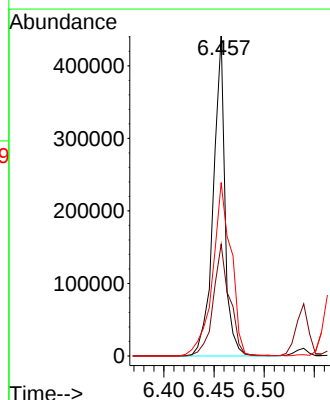
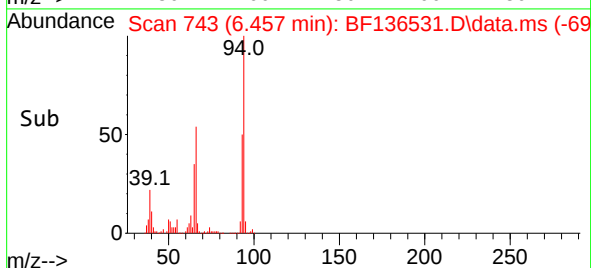
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 37.812 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



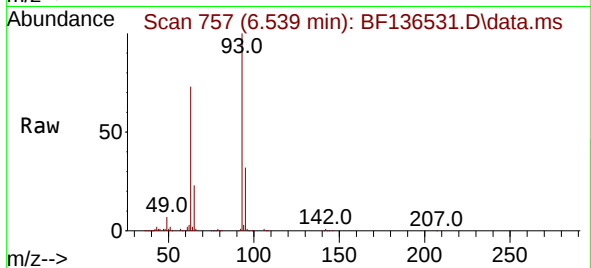
Tgt Ion: 94 Resp: 358850
Ion Ratio Lower Upper
94 100
65 34.9 11.2 51.2
66 54.2 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 36.903 ng
RT: 6.539 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

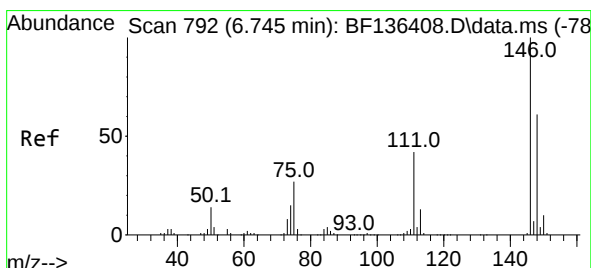
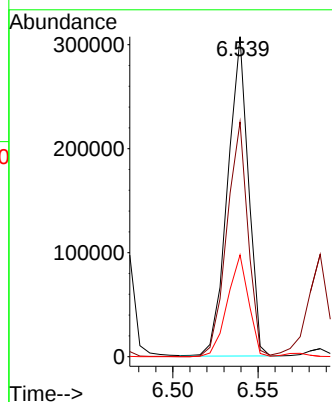
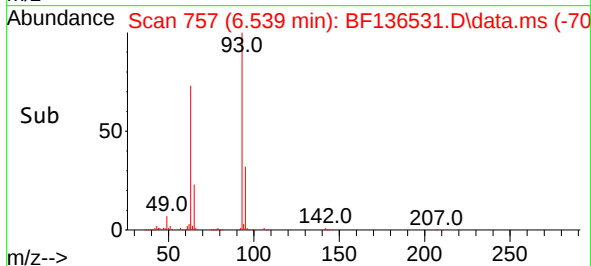
Instrument :
BNA_F
Client Sample Id :
SSTDCCC040



Tgt Ion: 93 Resp: 261050
Ion Ratio Lower Upper
93 100
63 73.4 56.8 96.8
95 31.8 11.8 51.8

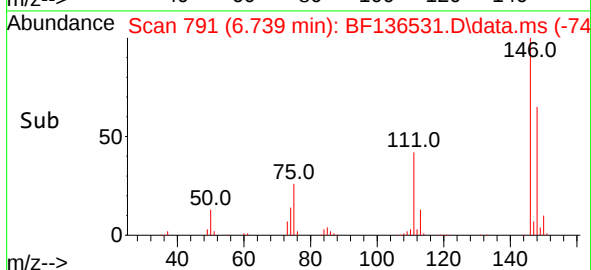
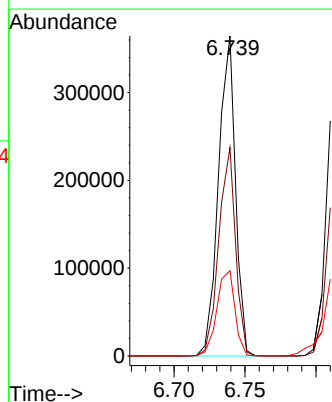
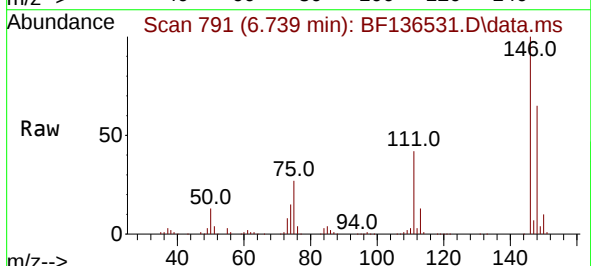
Manual Integrations
APPROVED

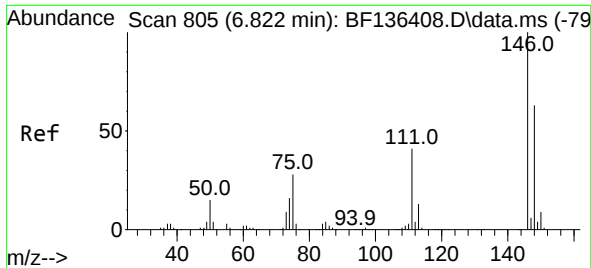
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 34.552 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

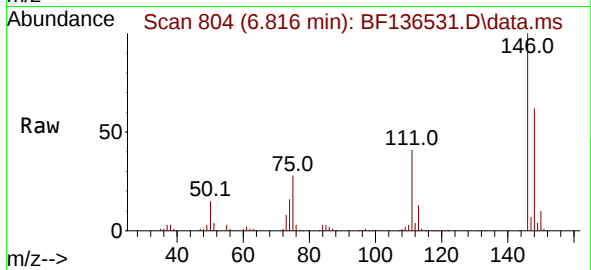
Tgt Ion:146 Resp: 303240
Ion Ratio Lower Upper
146 100
148 65.1 49.0 73.6
75 26.7 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 34.630 ng
RT: 6.816 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

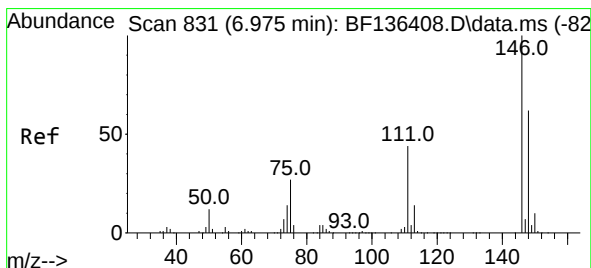
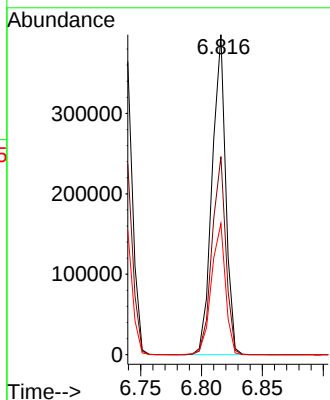
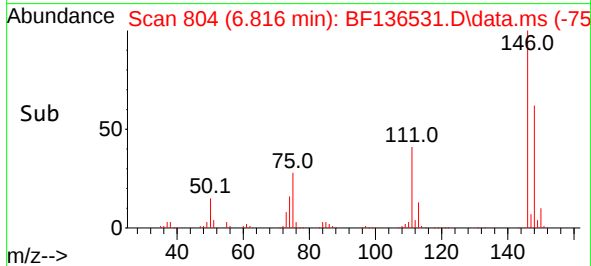
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



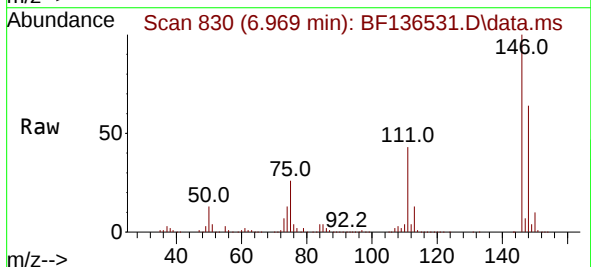
Tgt Ion:146 Resp: 308310
Ion Ratio Lower Upper
146 100
148 61.9 50.3 75.5
111 41.0 32.6 49.0

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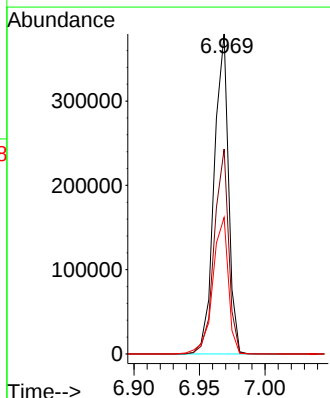
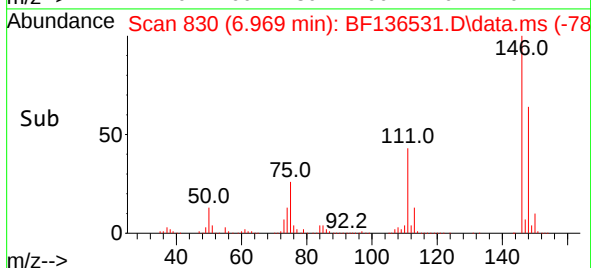
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

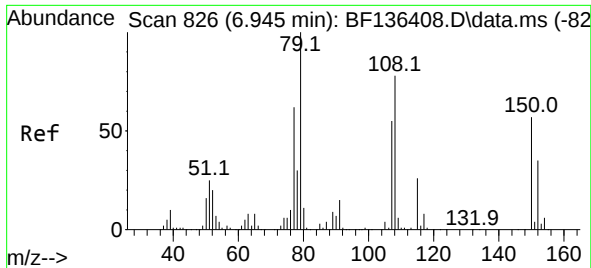


#14
1,2-Dichlorobenzene
Concen: 34.488 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:146 Resp: 288733
Ion Ratio Lower Upper
146 100
148 64.1 49.8 74.6
111 42.7 34.9 52.3





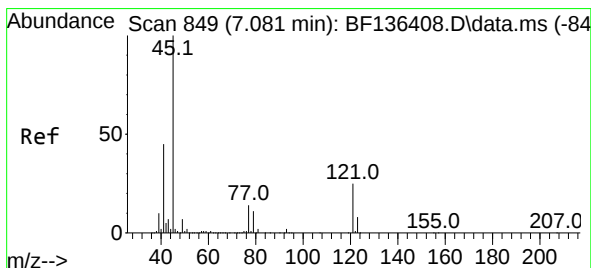
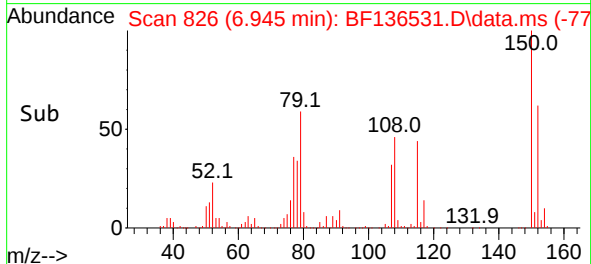
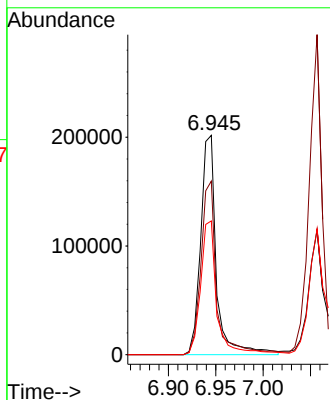
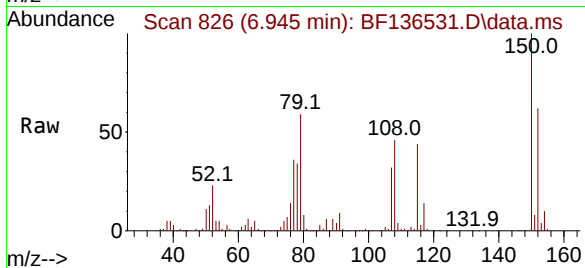
#15
Benzyl Alcohol
Concen: 38.955 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 232654
Ion Ratio Lower Upper
79 100
108 79.1 62.3 93.5
77 61.0 49.8 74.8

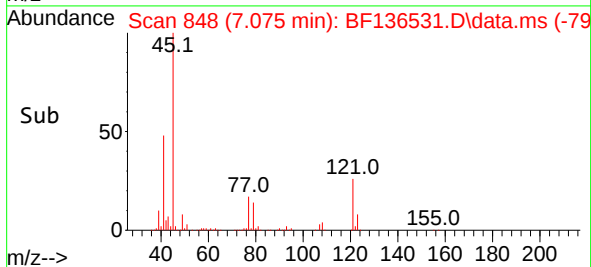
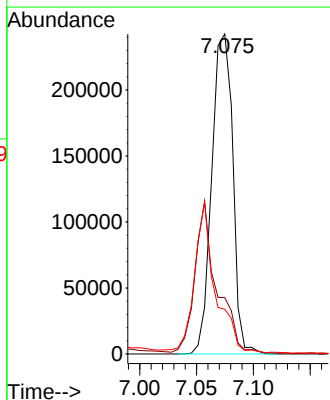
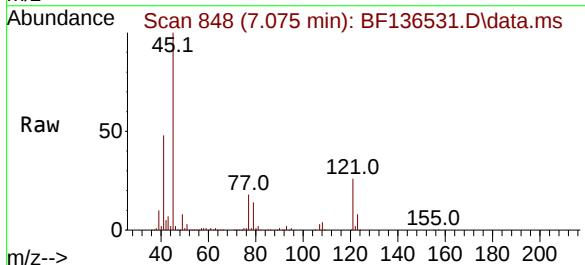
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.293 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion: 45 Resp: 312005
Ion Ratio Lower Upper
45 100
77 17.6 0.0 35.3
79 14.0 0.0 32.5





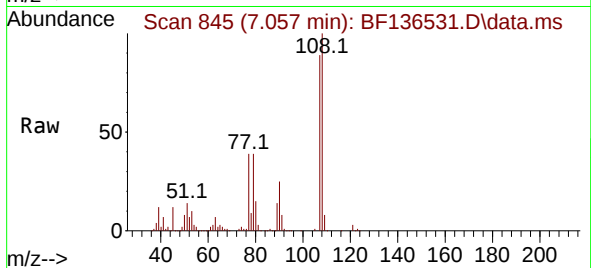
#17
2-Methylphenol
Concen: 39.629 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

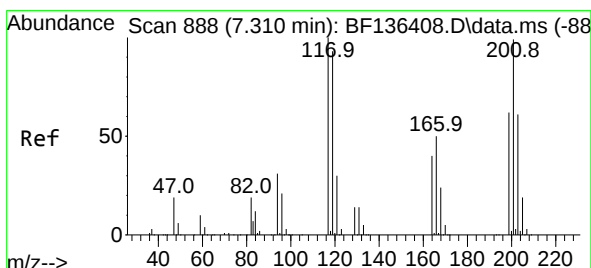
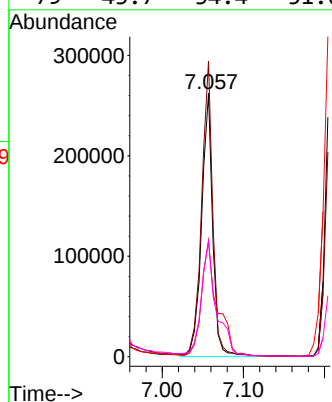


Tgt Ion:107 Resp: 249858
Ion Ratio Lower Upper
107 100
108 112.3 86.5 129.7
77 44.2 33.8 50.8
79 43.7 34.4 51.6

Manual Integrations

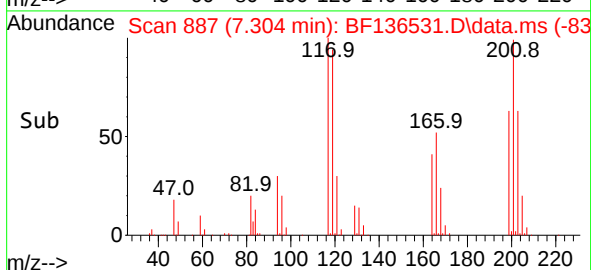
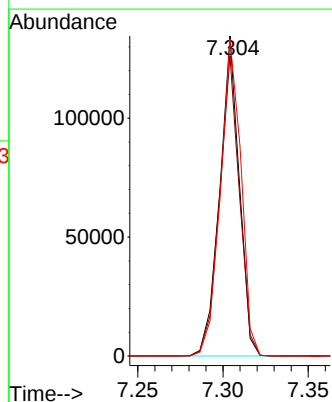
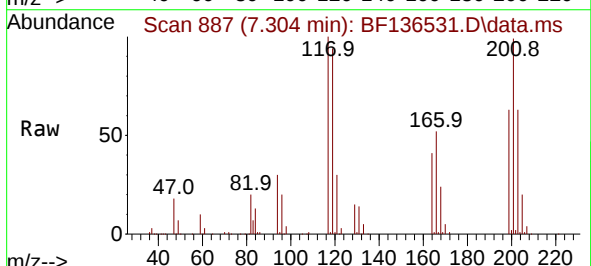
APPROVED

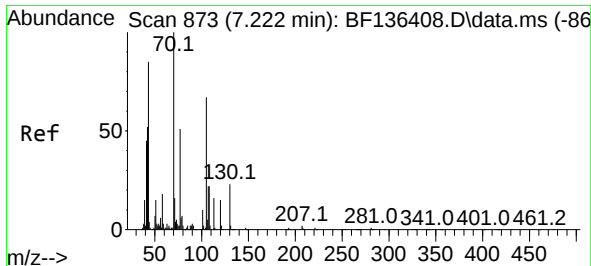
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 34.396 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:117 Resp: 106913
Ion Ratio Lower Upper
117 100
119 93.8 74.3 111.5
201 99.1 79.3 118.9





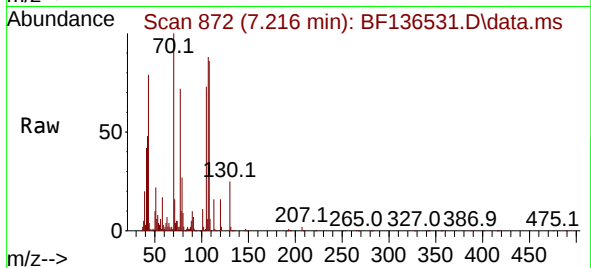
#19
n-Nitroso-di-n-propylamine
Concen: 36.919 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



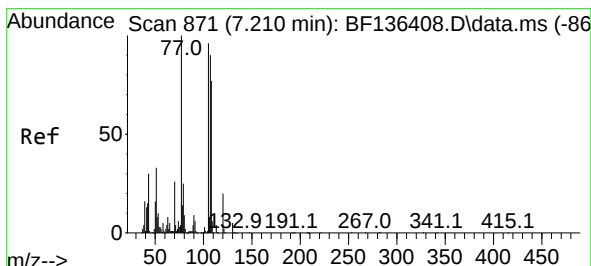
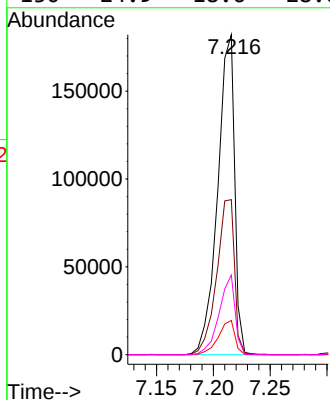
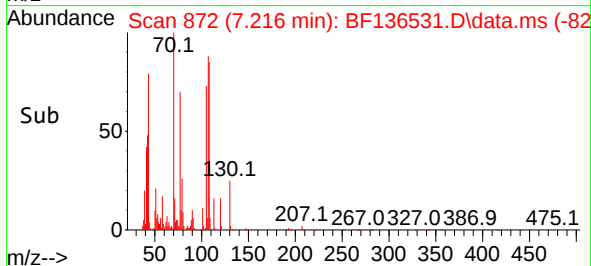
Tgt Ion: 70 Resp: 18994
Ion Ratio Lower Upper
70 100
42 48.5 41.4 62.0
101 10.7 8.2 12.4
130 24.9 18.6 28.0

Manual Integrations

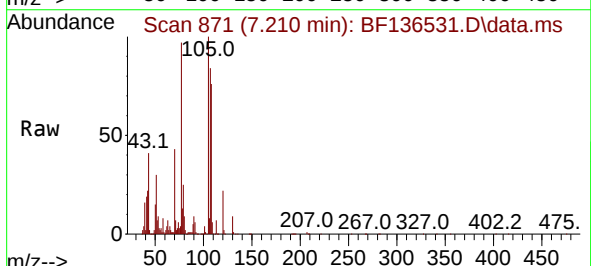
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

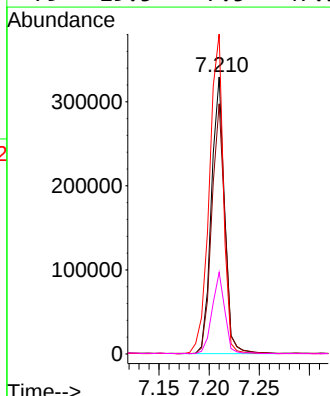
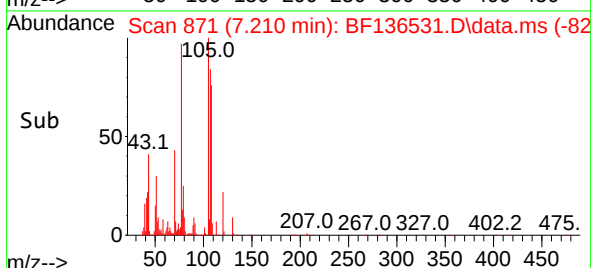
Supervised By :mohammad ahmed 12/14/2023

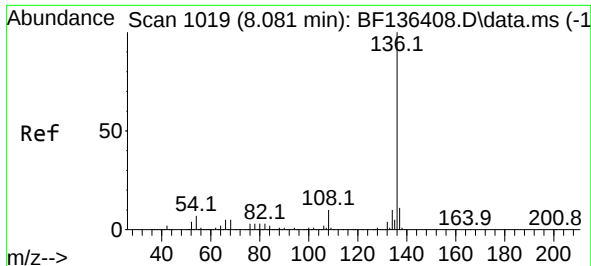


#20
3+4-Methylphenols
Concen: 38.475 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:107 Resp: 301098
Ion Ratio Lower Upper
107 100
108 90.3 65.9 105.9
77 115.5 91.7 131.7
79 29.5 7.5 47.5





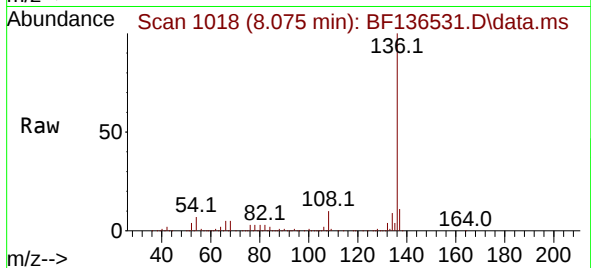
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



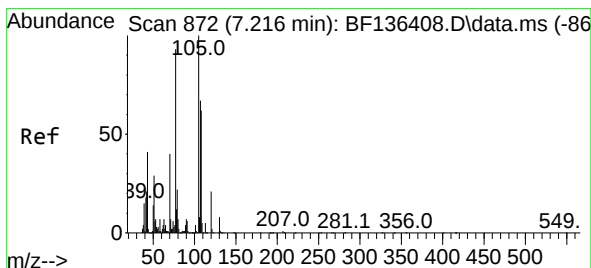
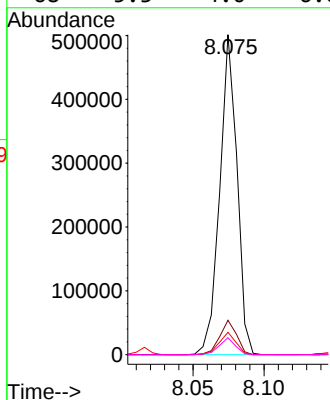
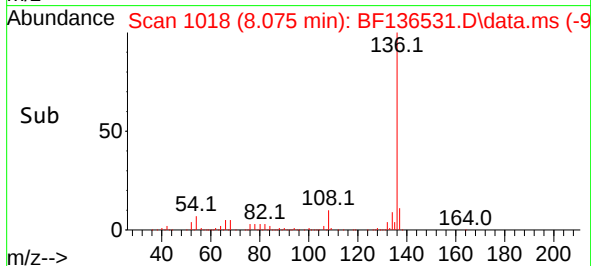
Tgt Ion:136 Resp: 423072
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 5.7 8.5
68 5.3 4.0 6.0

Manual Integrations

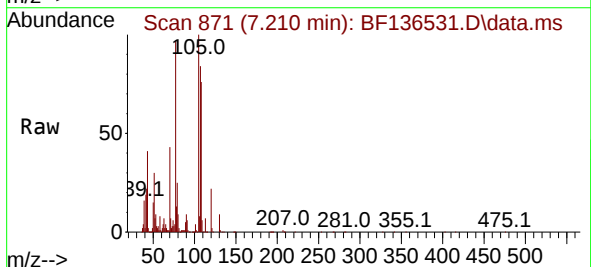
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

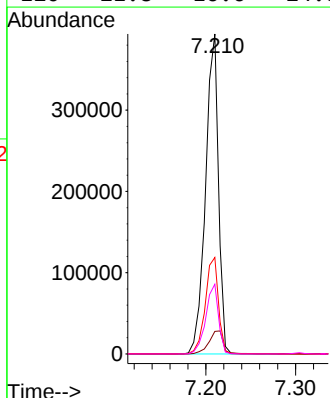
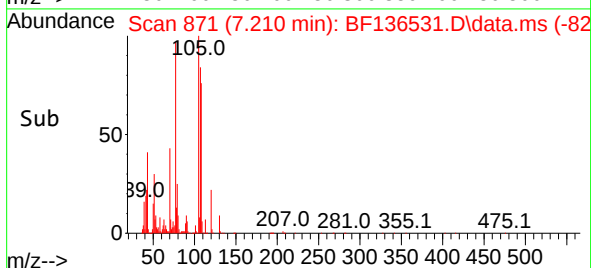
Supervised By :mohammad ahmed 12/14/2023

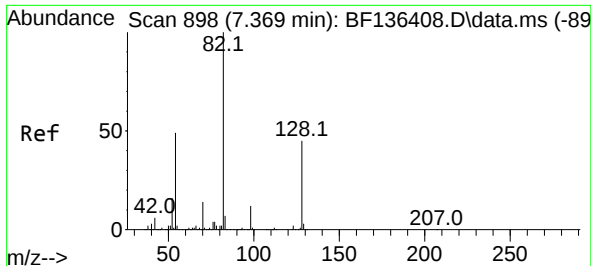


#22
Acetophenone
Concen: 37.630 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:105 Resp: 393127
Ion Ratio Lower Upper
105 100
71 7.1 5.4 8.0
51 30.2 23.4 35.2
120 21.8 16.6 24.8





#23

Nitrobenzene-d5

Concen: 76.040 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 59508

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

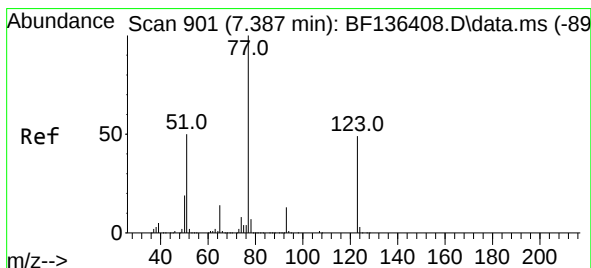
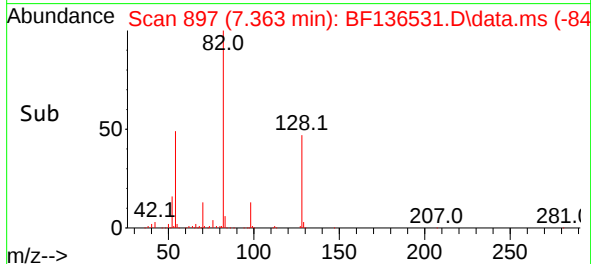
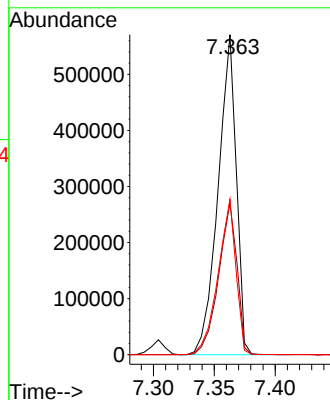
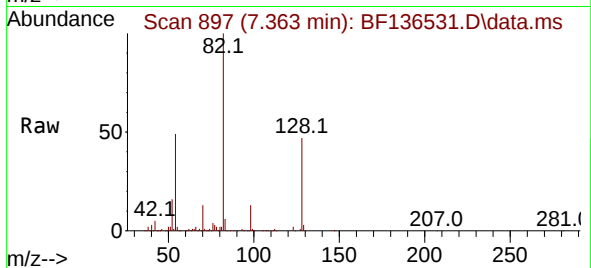
54 48.6 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 36.595 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

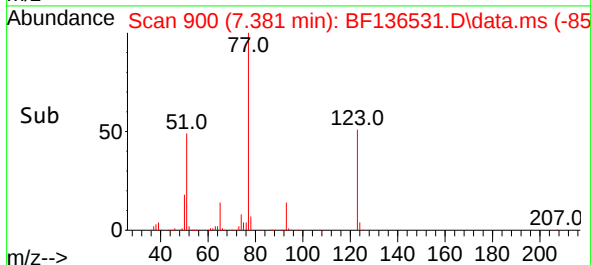
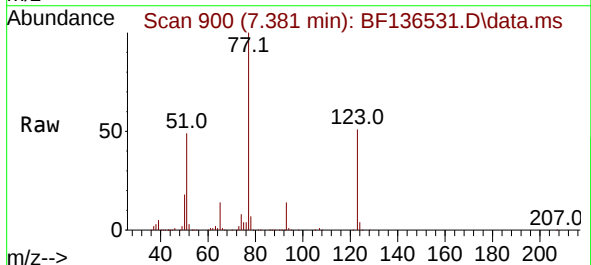
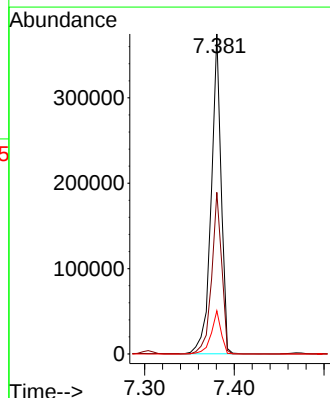
Tgt Ion: 77 Resp: 288098

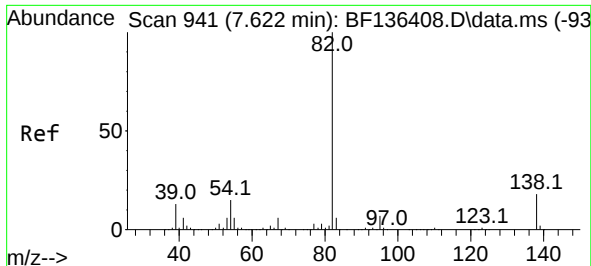
Ion Ratio Lower Upper

77 100

123 50.5 39.0 58.6

65 13.5 11.3 16.9





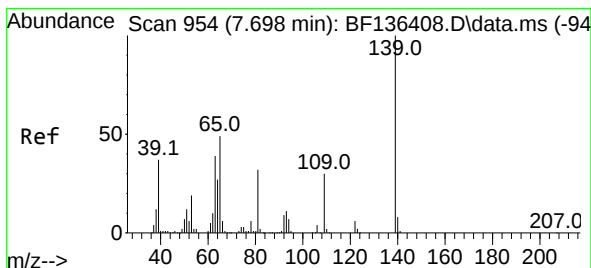
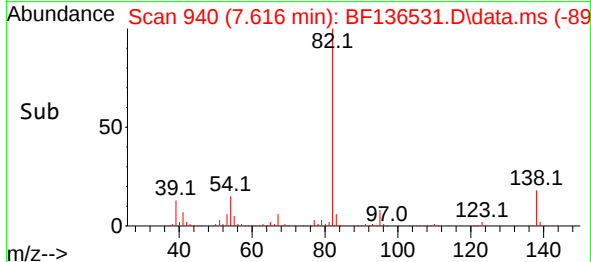
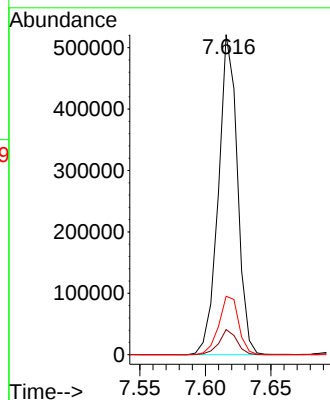
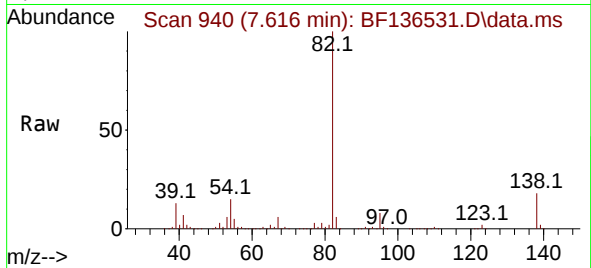
#25
Isophorone
Concen: 37.301 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 524459
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 18.2 14.5 21.7

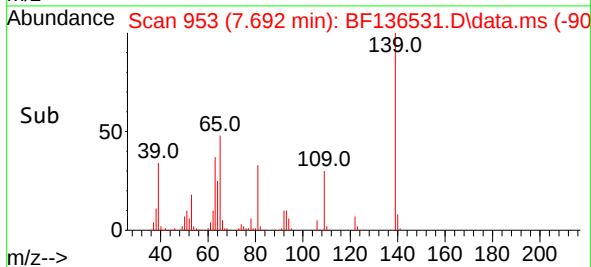
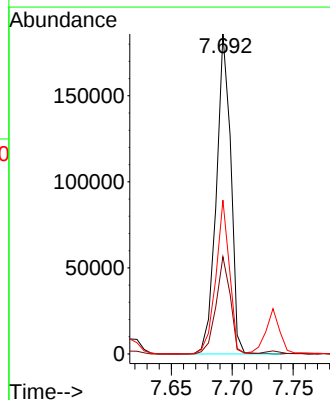
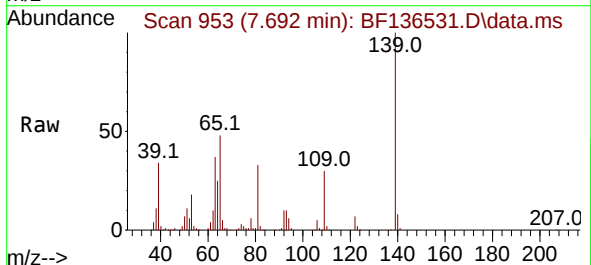
Manual Integrations
APPROVED

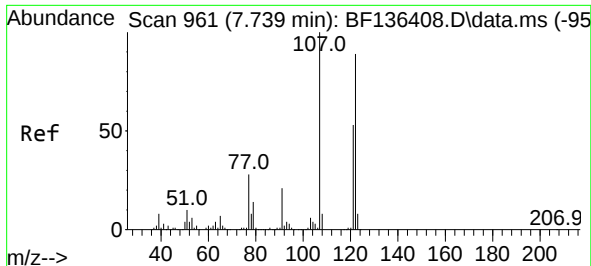
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 39.538 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:139 Resp: 153025
Ion Ratio Lower Upper
139 100
109 30.4 23.6 35.4
65 48.1 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 49.219 ng

RT: 7.733 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136531.D

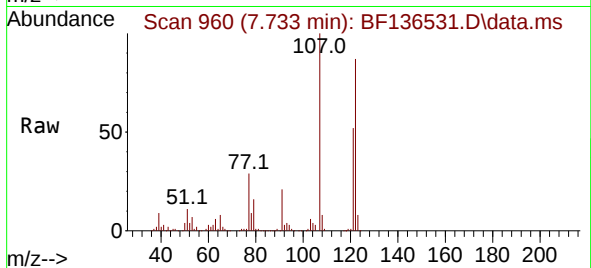
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 23489

Ion Ratio Lower Upper

122 100

107 115.0 89.3 133.9

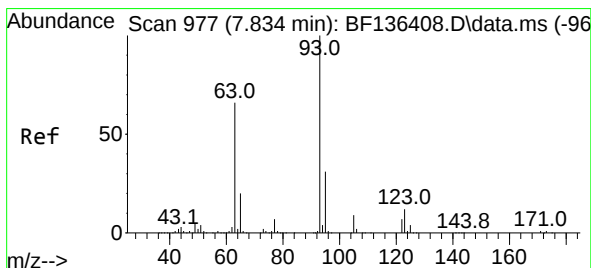
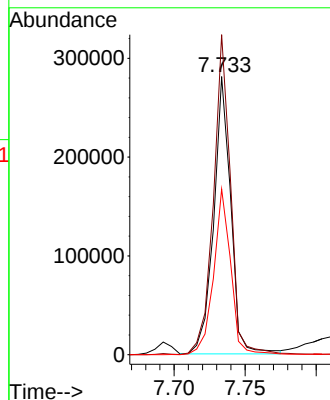
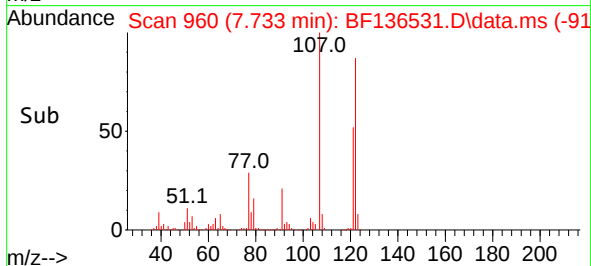
121 59.5 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 36.937 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

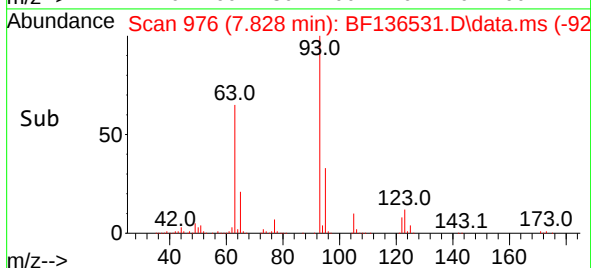
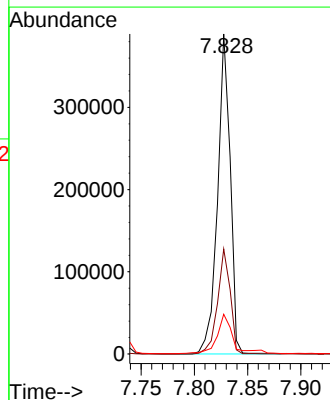
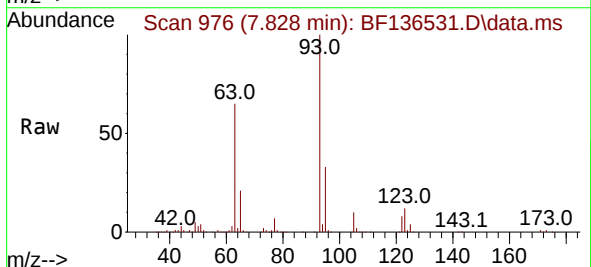
Tgt Ion: 93 Resp: 319125

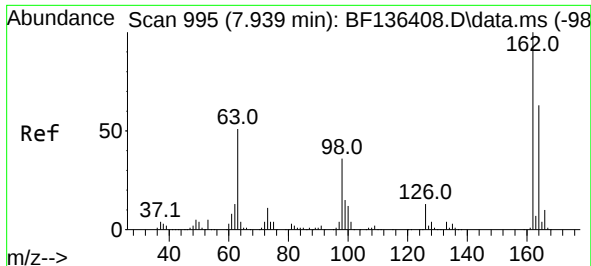
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.4

123 12.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.766 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

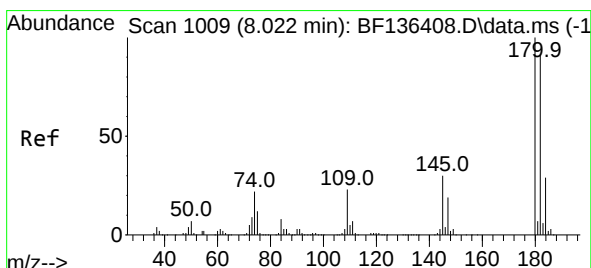
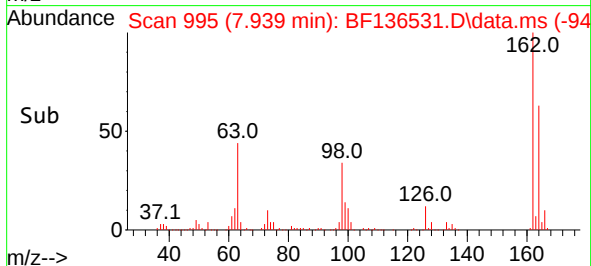
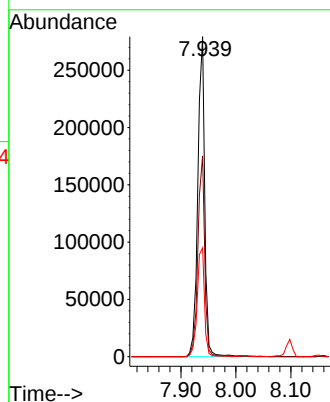
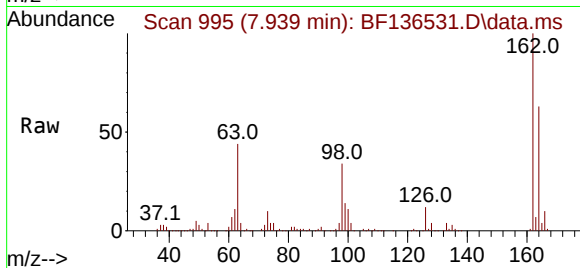
SSTDCCC040

Tgt Ion:162 Resp: 244197
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.0 83.0
 98 34.0 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: 36.174 ng

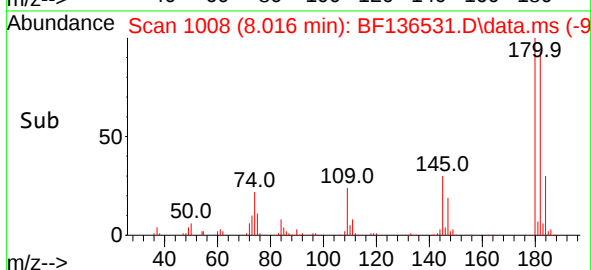
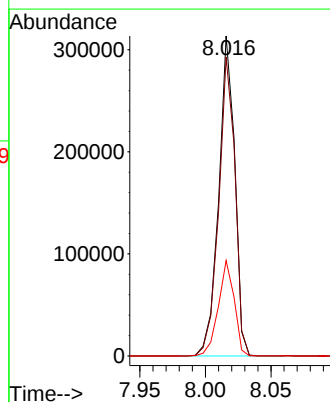
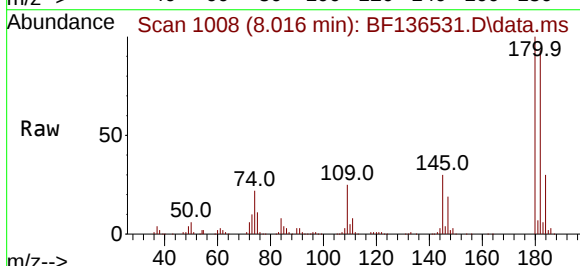
RT: 8.016 min Scan# 1008

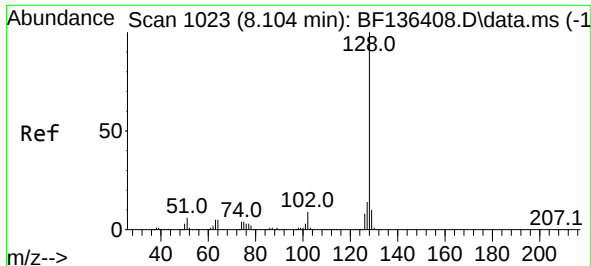
Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Tgt Ion:180 Resp: 265710
 Ion Ratio Lower Upper
 180 100
 182 93.4 73.1 109.7
 145 29.8 23.8 35.8





#31
Naphthalene
Concen: 36.933 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

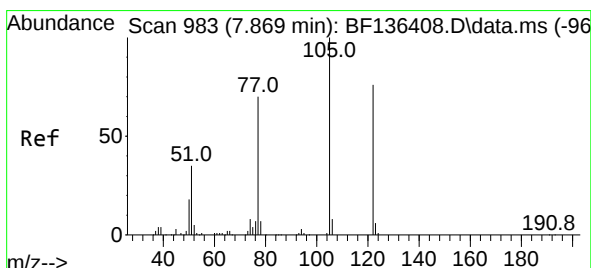
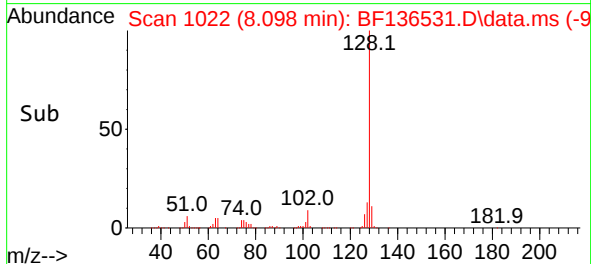
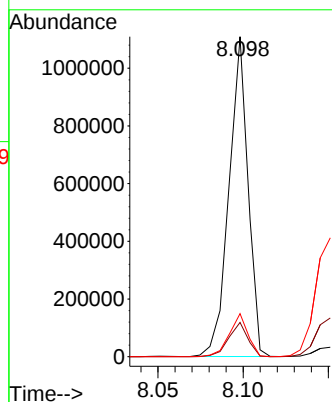
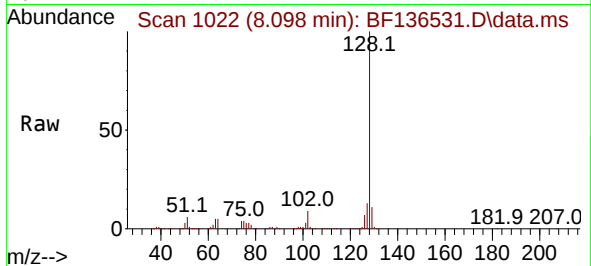
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 86168
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.5 11.1 16.7

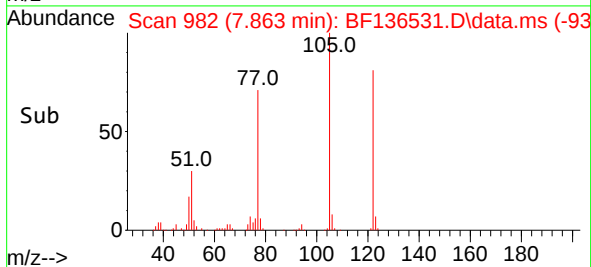
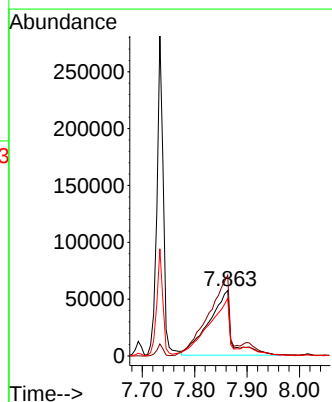
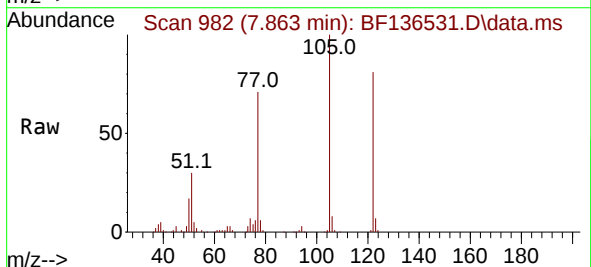
Manual Integrations
APPROVED

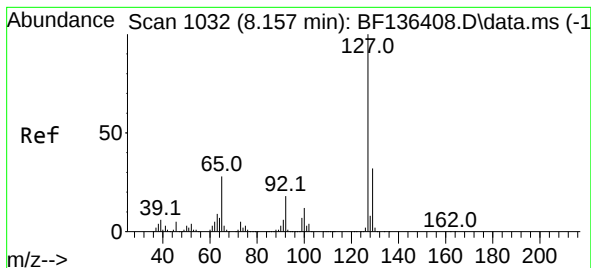
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 36.864 ng m
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:122 Resp: 174524
Ion Ratio Lower Upper
122 100
105 123.6 104.7 144.7
77 88.1 68.5 108.5





#33
4-Chloroaniline
Concen: 43.731 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

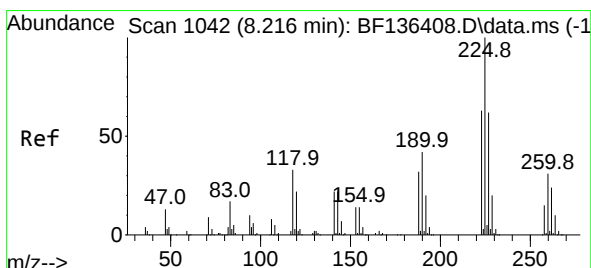
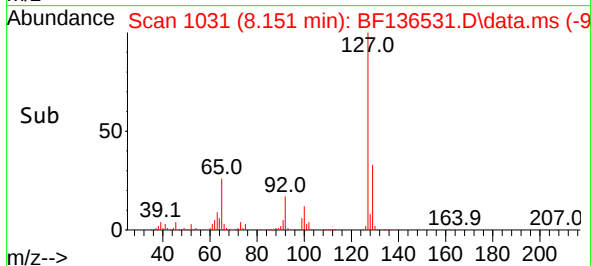
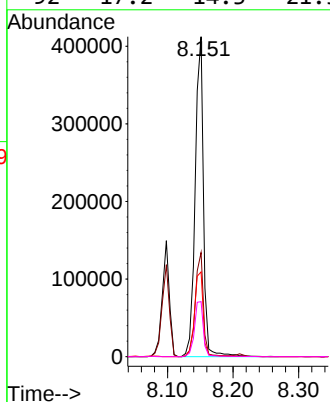
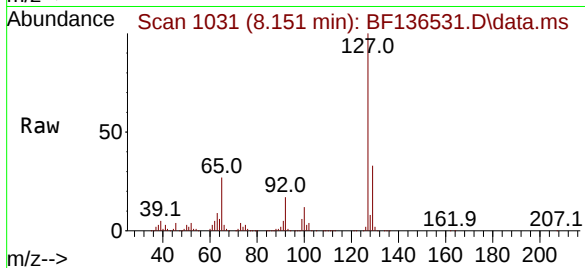
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 36373
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2
65 26.5 22.5 33.7
92 17.2 14.3 21.5

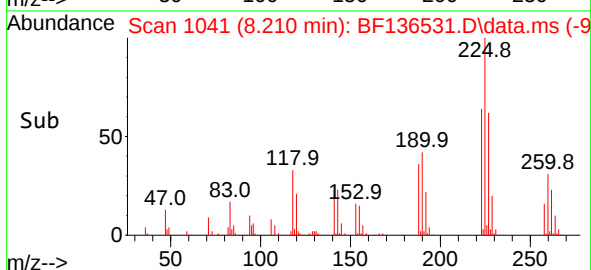
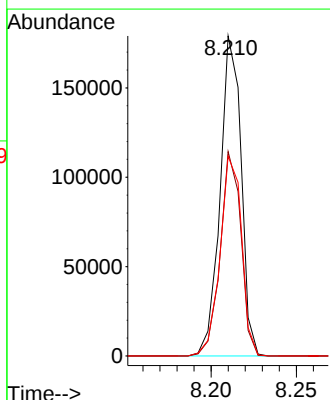
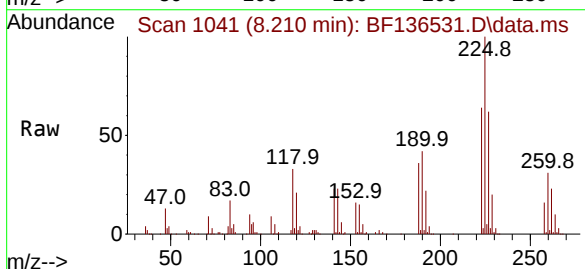
Manual Integrations
APPROVED

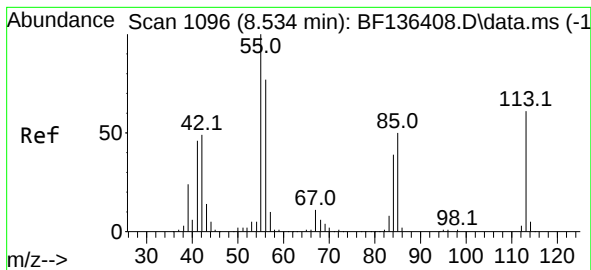
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 35.242 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:225 Resp: 153414
Ion Ratio Lower Upper
225 100
223 63.9 50.8 76.2
227 62.4 49.8 74.8





#35
 Caprolactam
 Concen: 39.012 ng
 RT: 8.528 min Scan# 1095
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

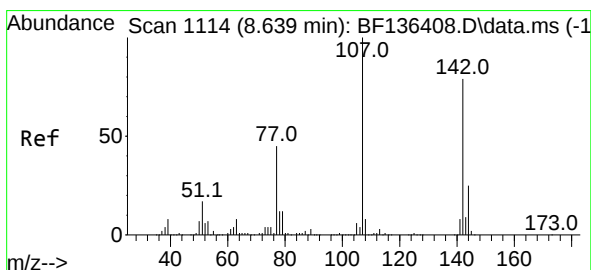
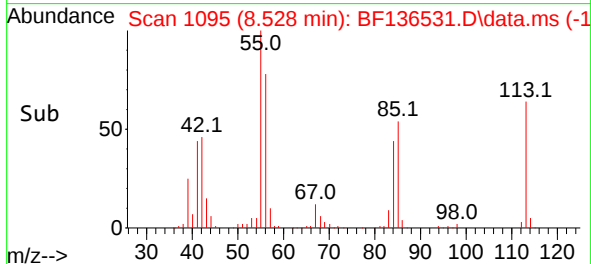
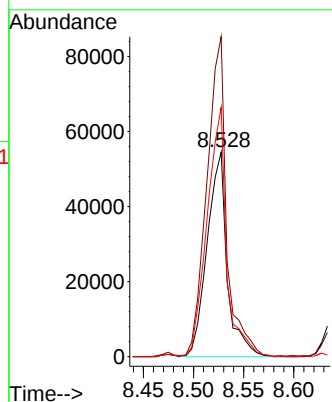
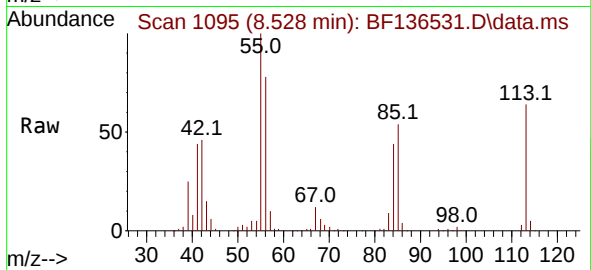
SSTDCCC040

Tgt Ion:113 Resp: 75679
 Ion Ratio Lower Upper
 113 100
 55 156.4 143.7 183.7
 56 121.8 105.2 145.2

Manual Integrations

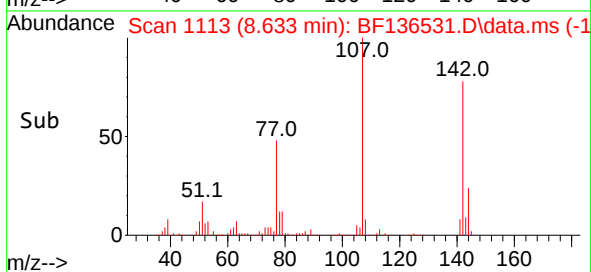
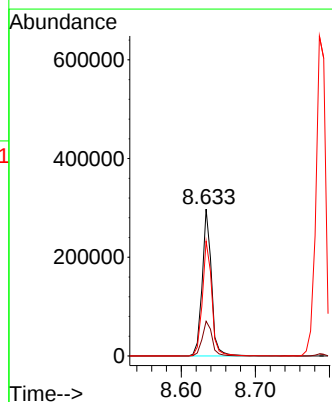
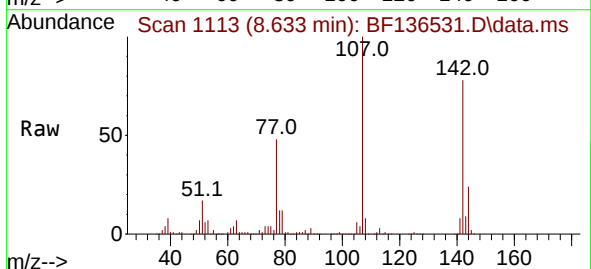
APPROVED

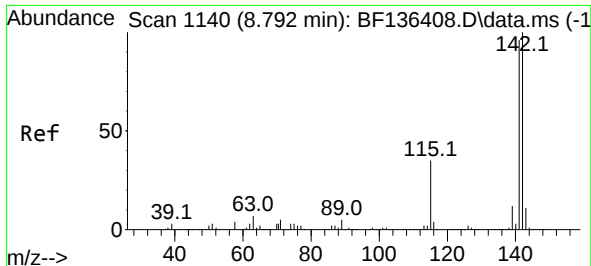
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#36
 4-Chloro-3-methylphenol
 Concen: 38.750 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Tgt Ion:107 Resp: 259174
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.1 30.1
 142 78.2 63.1 94.7





#37
2-Methylnaphthalene
Concen: 39.361 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

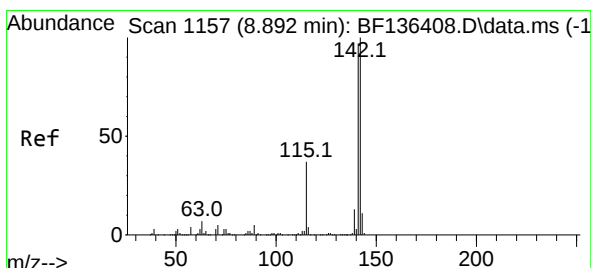
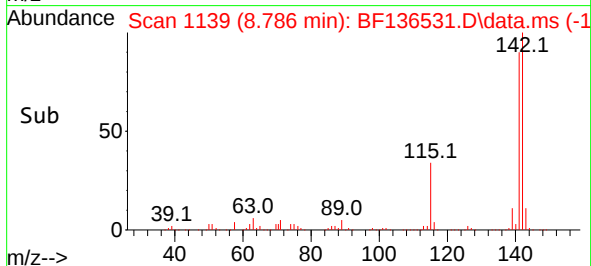
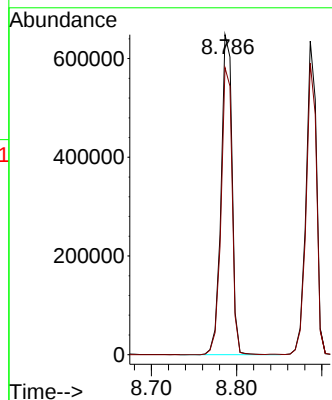
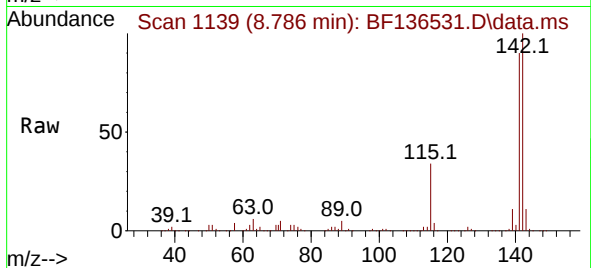
SSTDCCC040

Tgt Ion:142 Resp: 58422
Ion Ratio Lower Upper
142 100
141 89.7 76.4 114.6

Manual Integrations

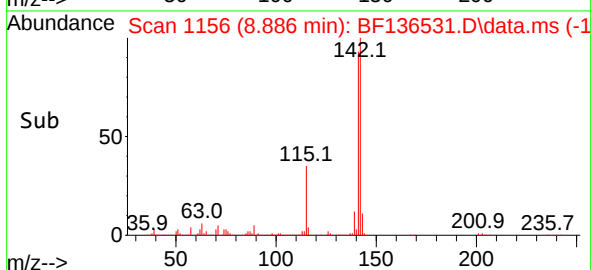
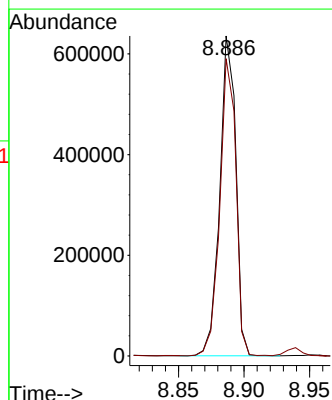
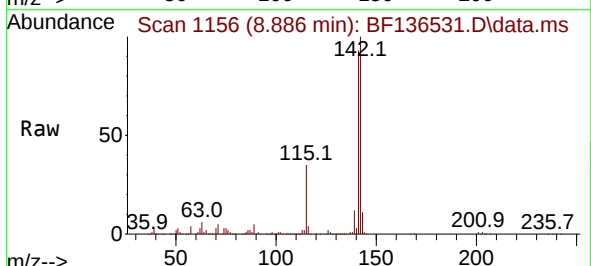
APPROVED

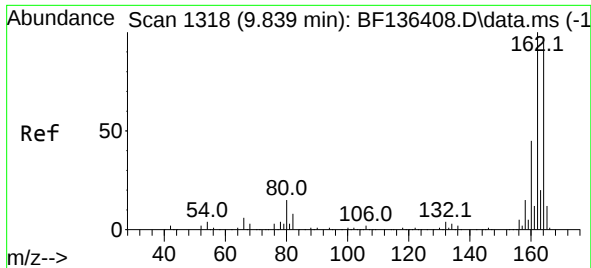
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 37.017 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:142 Resp: 539146
Ion Ratio Lower Upper
142 100
141 92.9 77.7 116.5





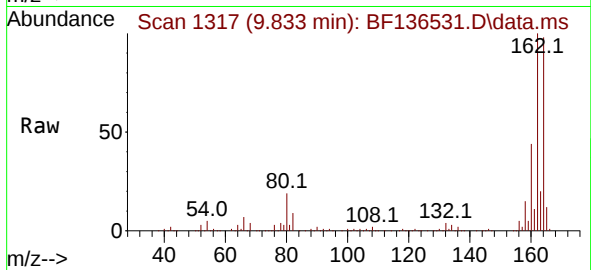
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



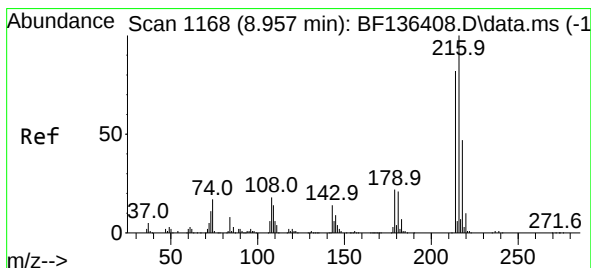
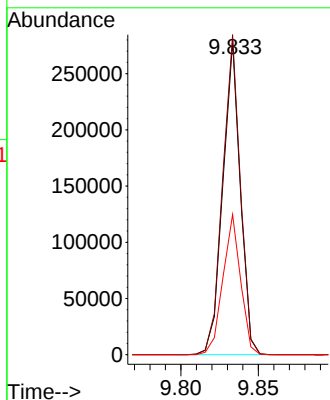
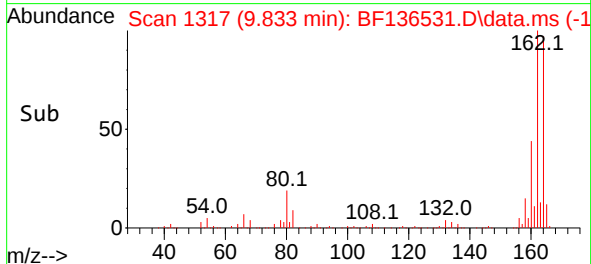
Tgt Ion:164 Resp: 218019
Ion Ratio Lower Upper
164 100
162 102.2 84.4 126.6
160 44.7 37.6 56.4

Manual Integrations

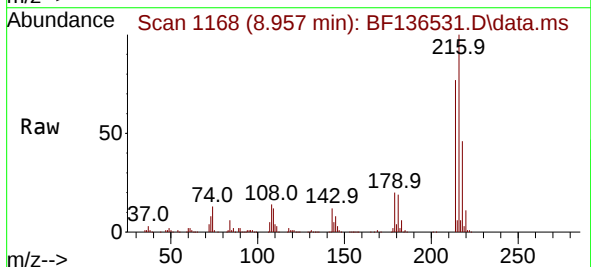
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

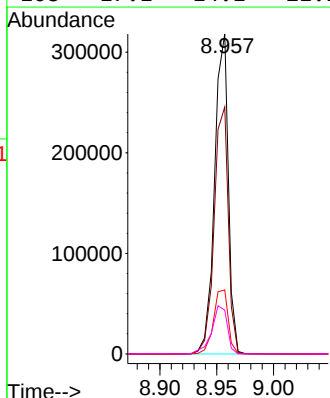
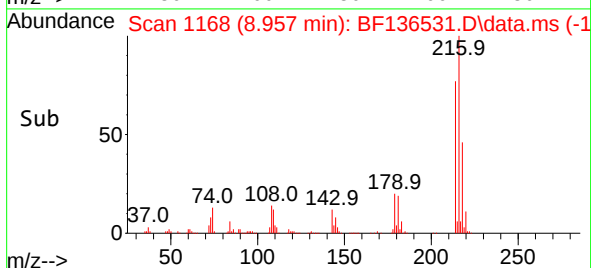
Supervised By :mohammad ahmed 12/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.424 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



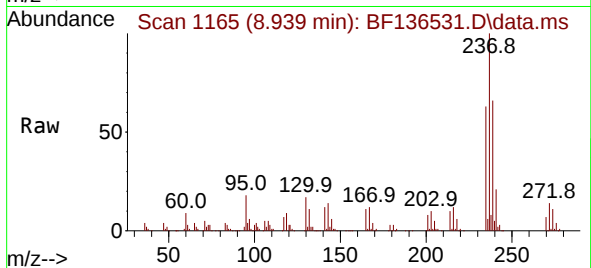
Tgt Ion:216 Resp: 267408
Ion Ratio Lower Upper
216 100
214 79.6 64.1 96.1
179 21.4 17.0 25.6
108 17.1 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 41.678 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

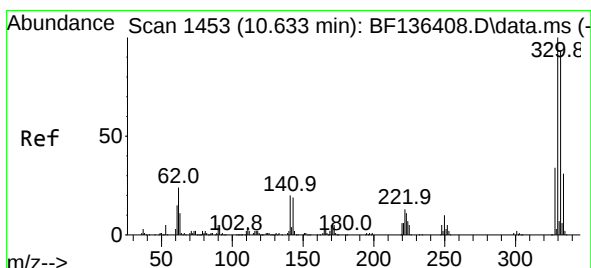
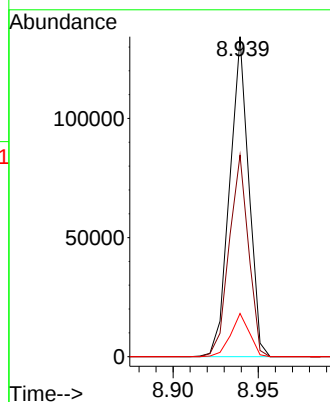
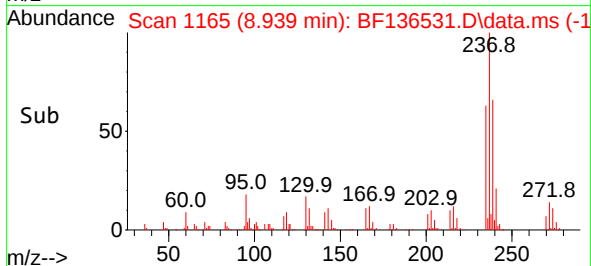
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



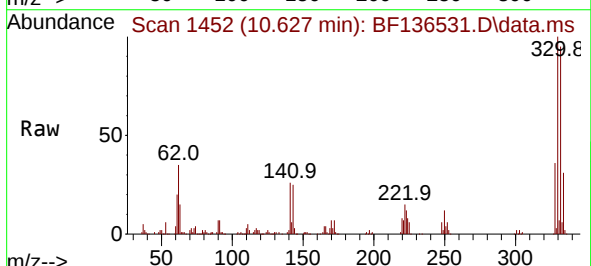
Tgt Ion:237 Resp: 104733
Ion Ratio Lower Upper
237 100
235 63.0 44.1 84.1
272 13.5 0.0 33.3

Manual Integrations
APPROVED

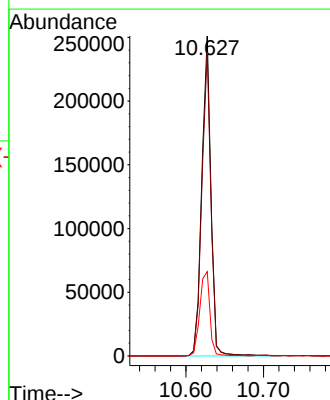
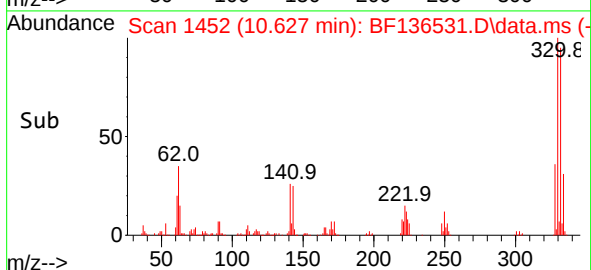
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

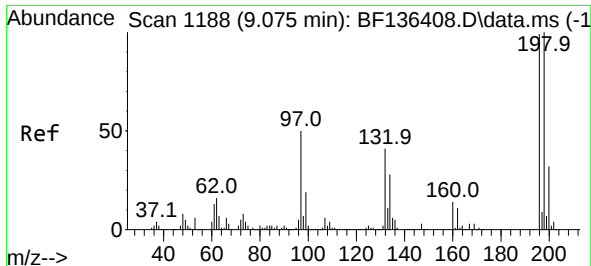


#42
2,4,6-Tribromophenol
Concen: 76.431 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:330 Resp: 205460
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 29.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 38.149 ng

RT: 9.069 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 168480

Ion Ratio Lower Upper

196 100

198 101.5 80.4 120.6

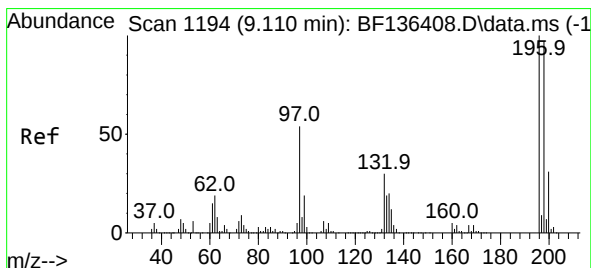
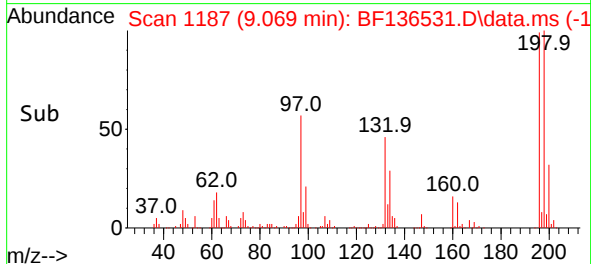
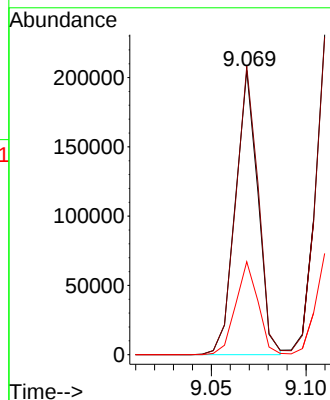
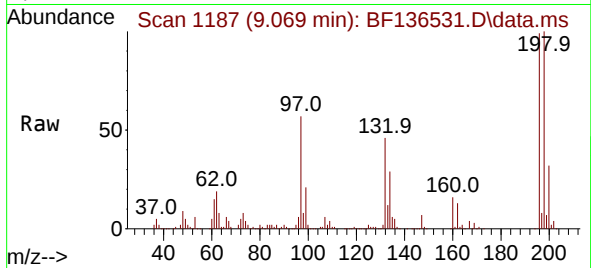
200 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#44

2,4,5-Trichlorophenol

Concen: 40.425 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Tgt Ion:196 Resp: 199268

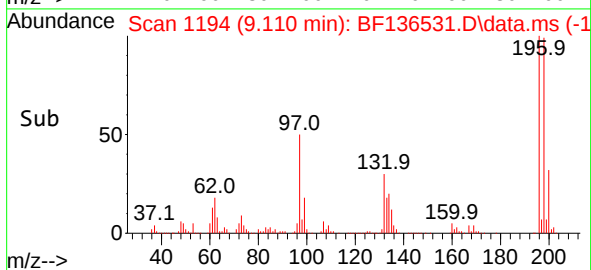
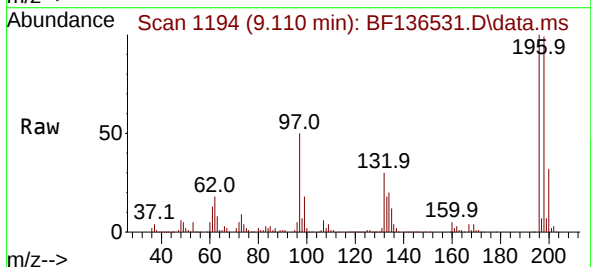
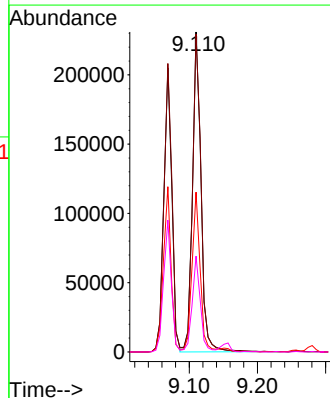
Ion Ratio Lower Upper

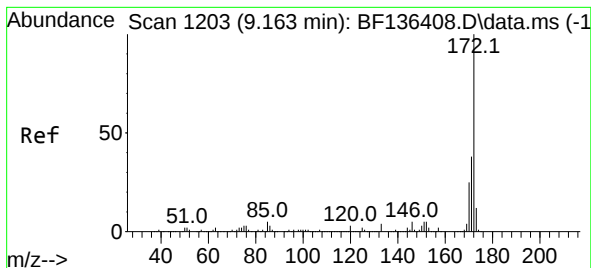
196 100

198 99.4 78.1 117.1

97 49.9 43.4 65.2

132 29.9 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 76.430 ng

RT: 9.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 122119

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

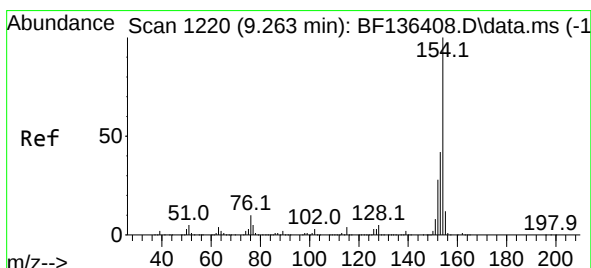
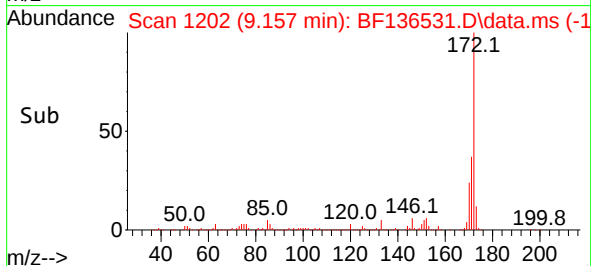
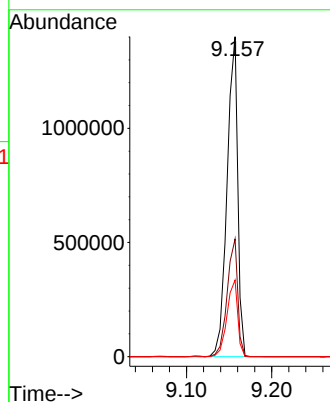
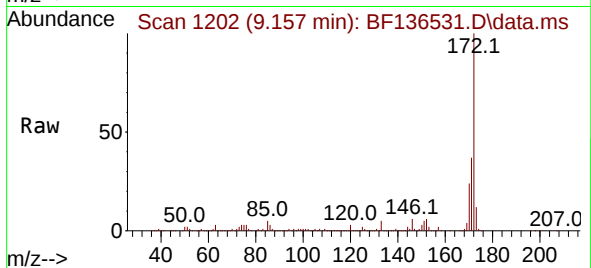
170 23.9 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#46

1,1'-Biphenyl

Concen: 38.561 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

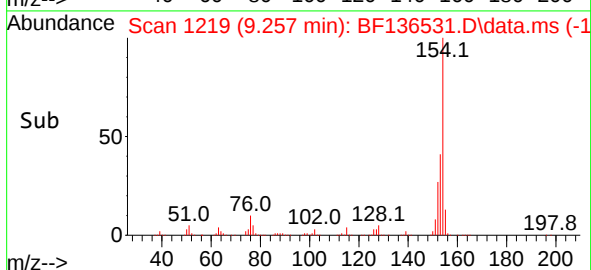
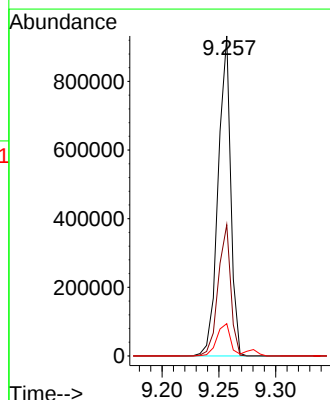
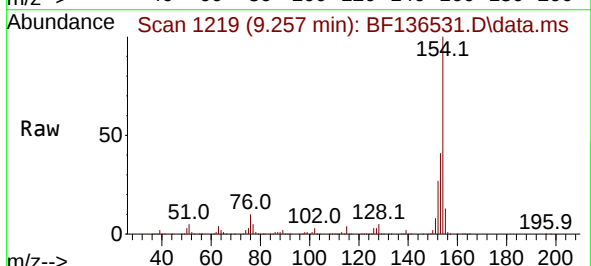
Tgt Ion:154 Resp: 715357

Ion Ratio Lower Upper

154 100

153 41.0 22.5 62.5

76 10.1 0.0 29.9





#47

2-Chloronaphthalene

Concen: 35.978 ng

RT: 9.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 51948

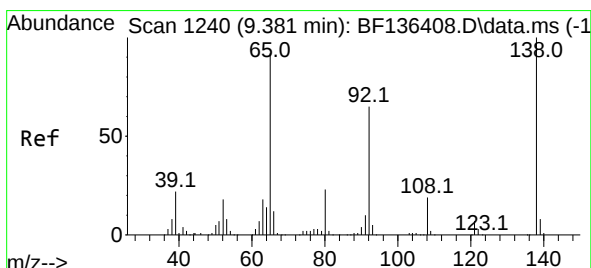
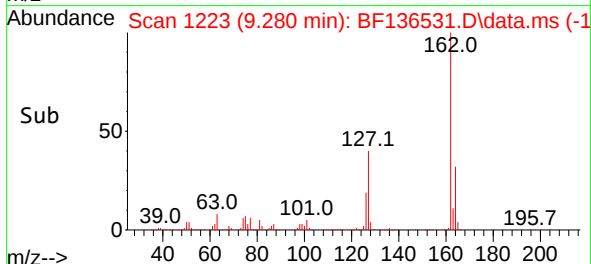
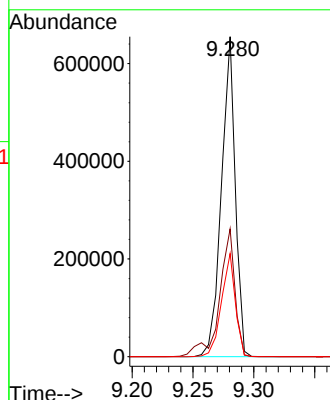
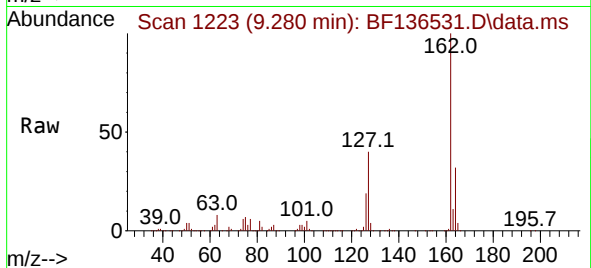
Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.1	46.7
164	32.2	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#48

2-Nitroaniline

Concen: 39.645 ng

RT: 9.380 min Scan# 1240

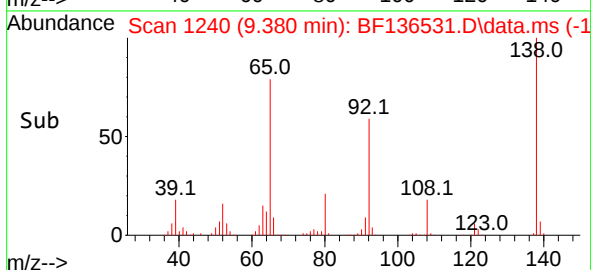
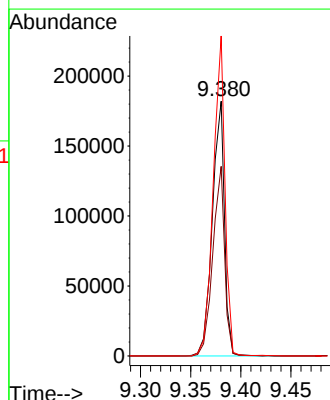
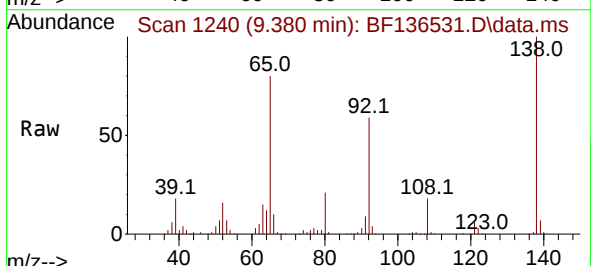
Delta R.T. -0.000 min

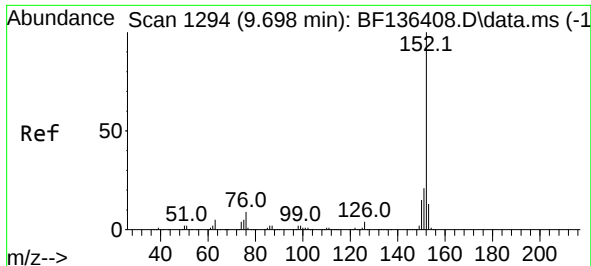
Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Tgt Ion: 65 Resp: 153526

Ion	Ratio	Lower	Upper
65	100		
92	74.4	56.1	84.1
138	125.6	86.7	130.1





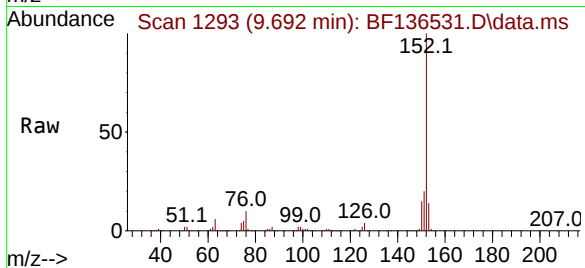
#49
Acenaphthylene
Concen: 39.949 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

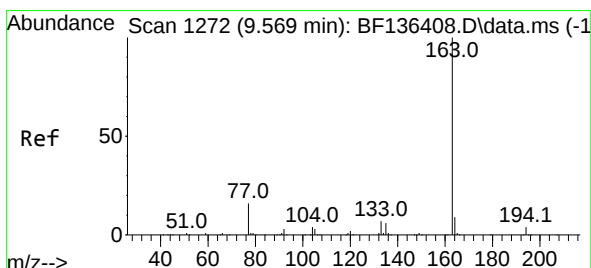
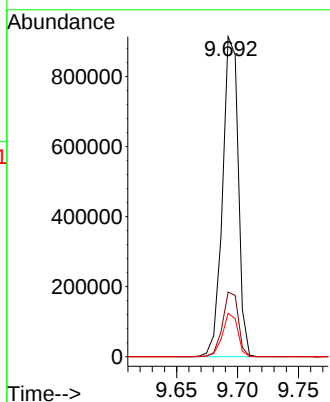
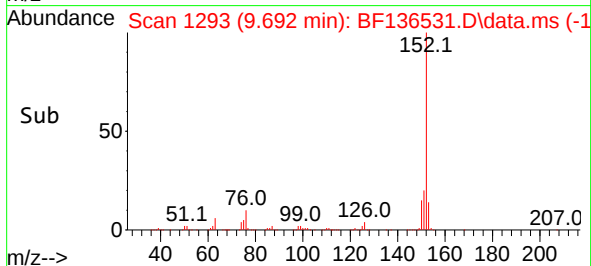


Tgt Ion:152 Resp: 82168
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 13.6 10.6 15.8

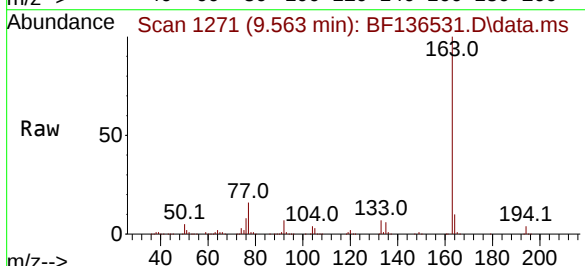
Manual Integrations

APPROVED

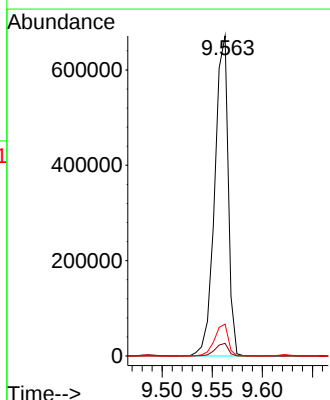
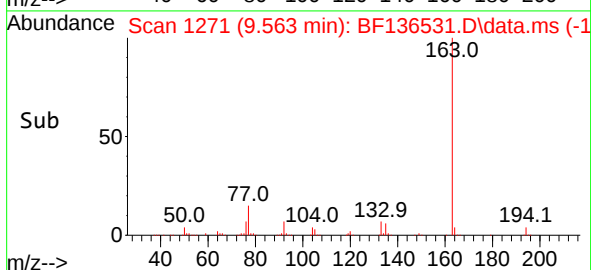
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

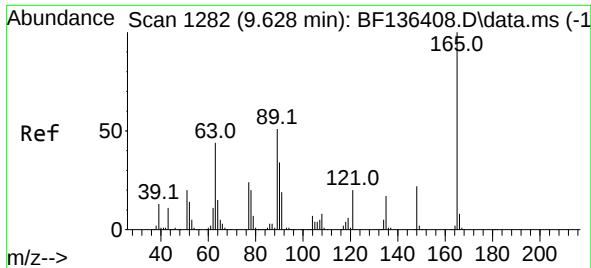


#50
Dimethylphthalate
Concen: 39.036 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:163 Resp: 626585
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 38.686 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

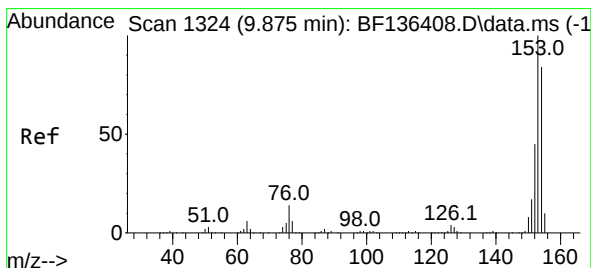
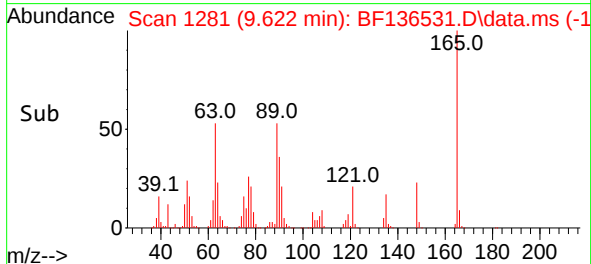
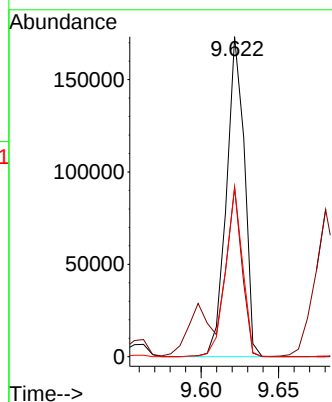
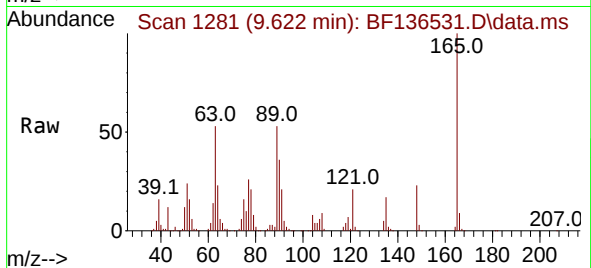
Tgt Ion:165 Resp: 139698
Ion Ratio Lower Upper
165 100
63 52.8 40.4 60.6
89 53.1 40.6 60.8

Manual Integrations

APPROVED

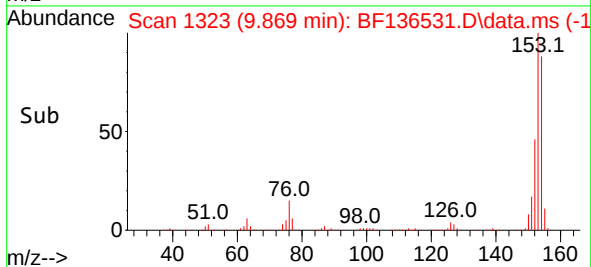
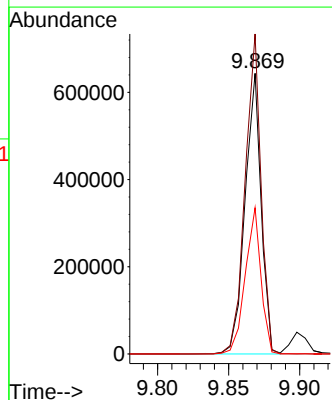
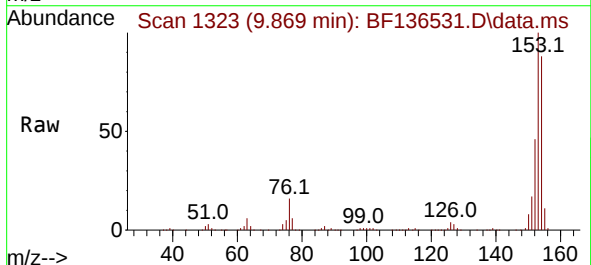
Reviewed By :Yogesh Patel 12/14/2023

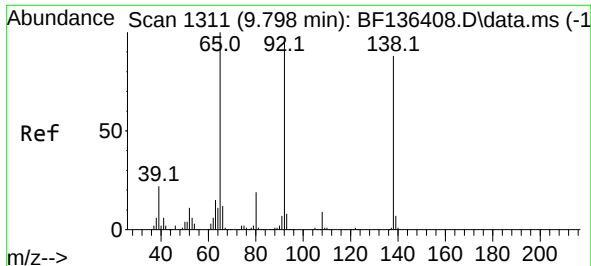
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 38.639 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:154 Resp: 509283
Ion Ratio Lower Upper
154 100
153 114.0 95.3 142.9
152 52.1 43.2 64.8





#53
3-Nitroaniline
Concen: 41.450 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

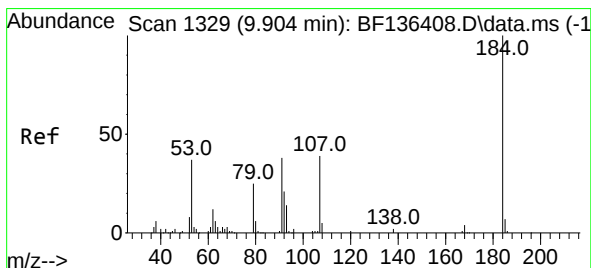
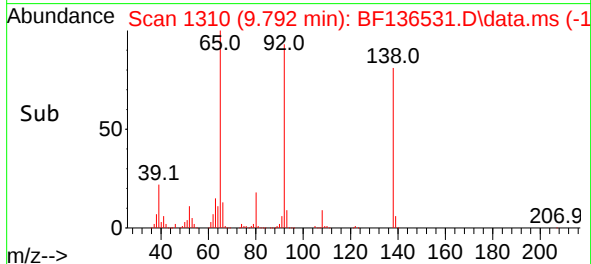
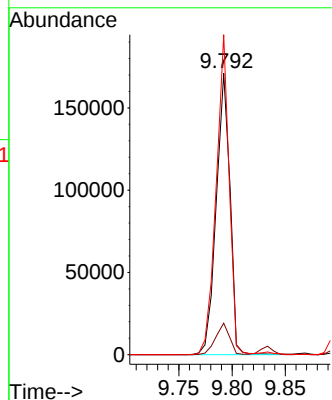
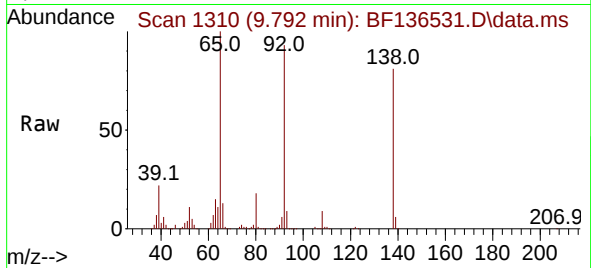
SSTDCCC040

Tgt Ion:138 Resp: 15284
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 113.7 86.1 129.1

Manual Integrations

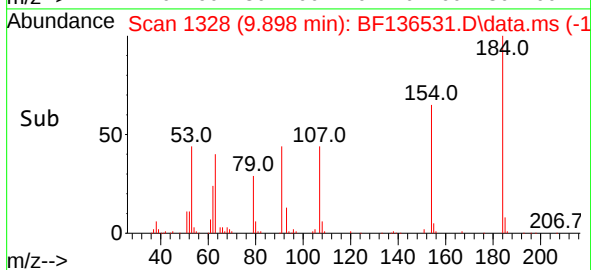
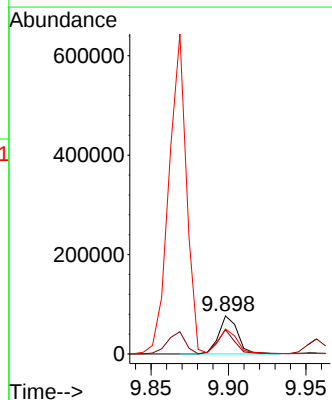
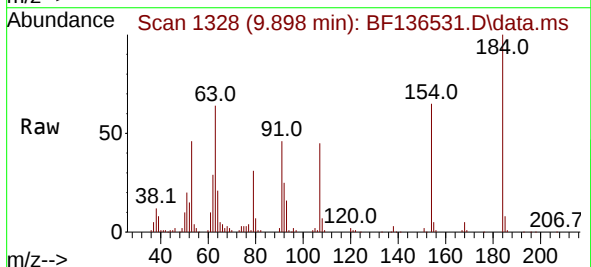
APPROVED

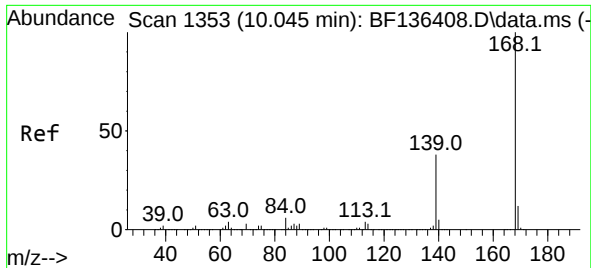
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 35.906 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

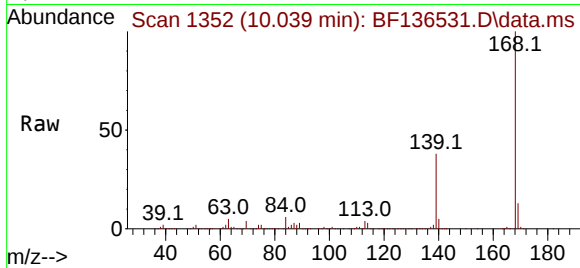
Tgt Ion:184 Resp: 65556
Ion Ratio Lower Upper
184 100
63 64.0 39.1 58.7#
154 65.3 49.9 74.9





#55
Dibenzenofuran
Concen: 39.373 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

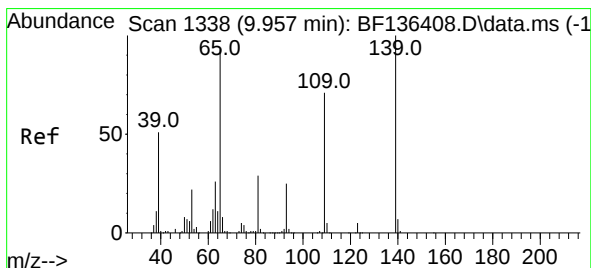
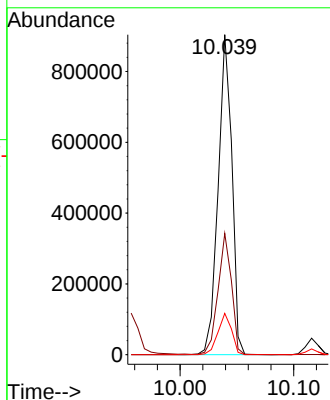
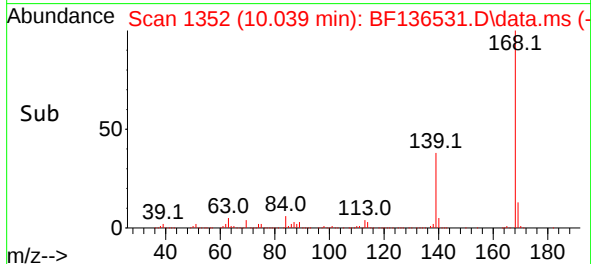
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 758120
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 12.9 9.9 14.9

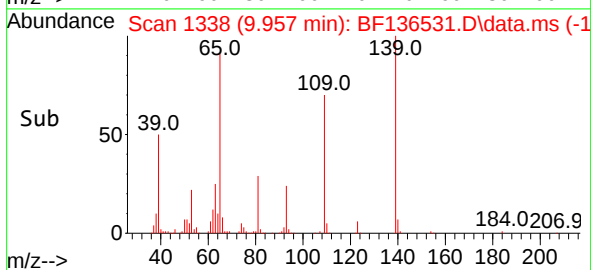
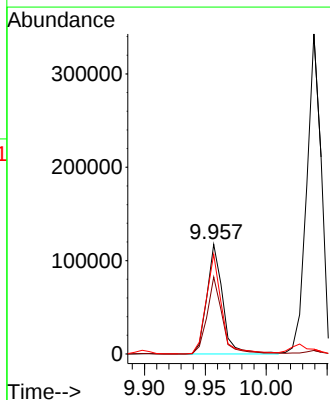
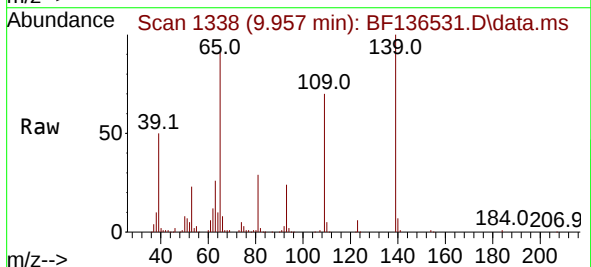
Manual Integrations
APPROVED

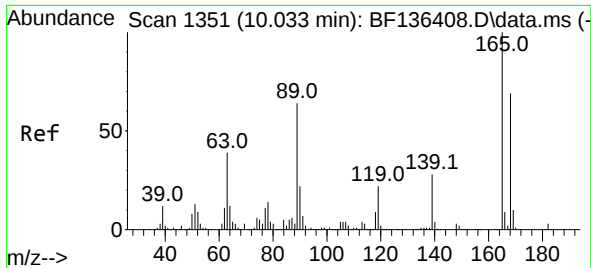
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 38.334 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:139 Resp: 105969
Ion Ratio Lower Upper
139 100
109 70.1 50.6 90.6
65 90.9 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 38.518 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

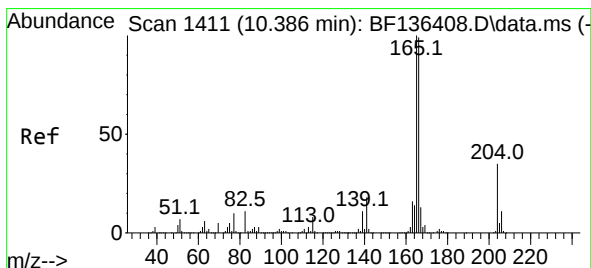
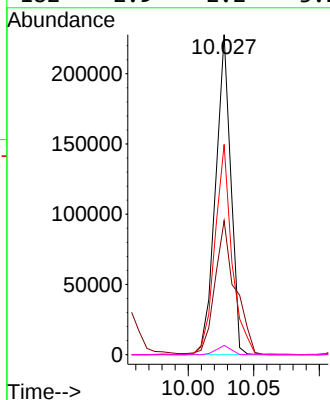
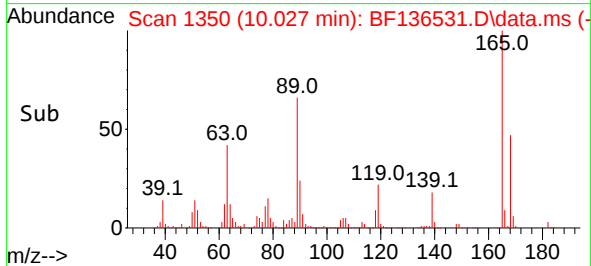
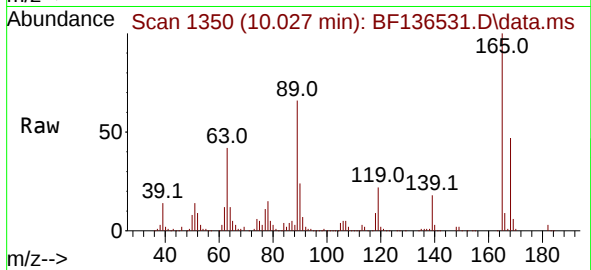
SSTDCCC040

Tgt Ion:165 Resp: 184004
Ion Ratio Lower Upper
165 100
63 41.9 31.4 47.2
89 65.7 51.7 77.5
182 2.9 2.2 3.2

Manual Integrations

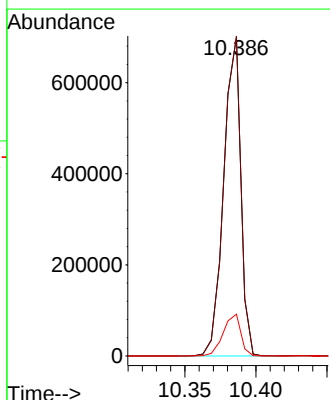
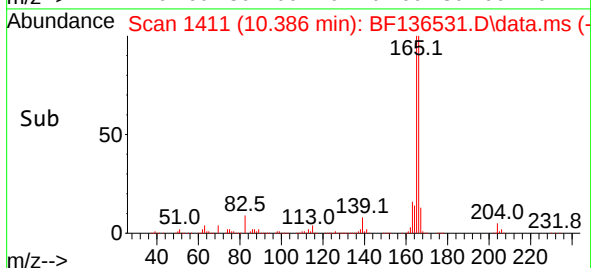
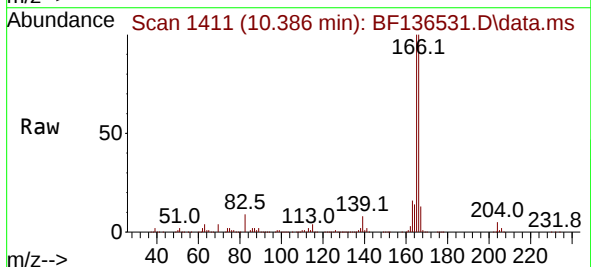
APPROVED

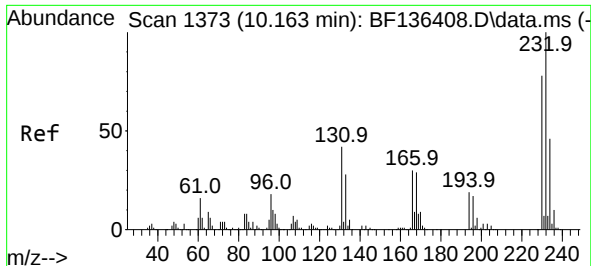
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 37.753 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

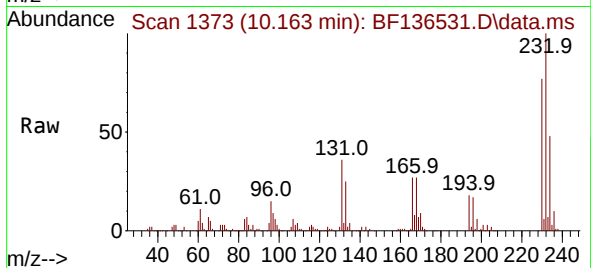
Tgt Ion:166 Resp: 583526
Ion Ratio Lower Upper
166 100
165 100.4 80.5 120.7
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.536 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

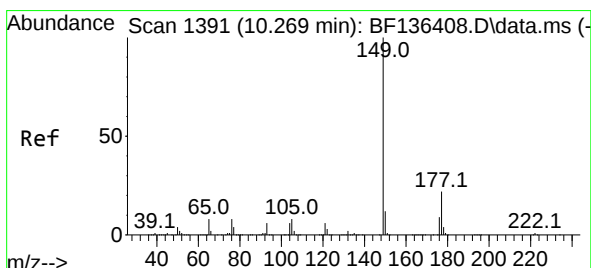
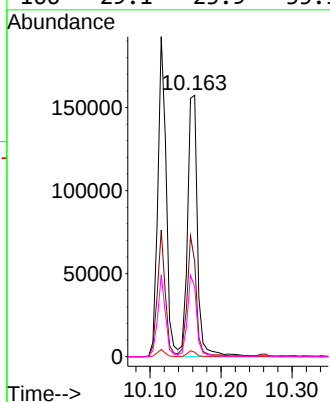
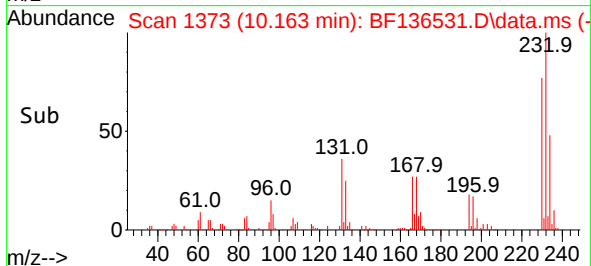
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 15215
Ion Ratio Lower Upper
232 100
131 43.2 34.3 51.5
130 2.0 1.6 2.4
166 29.1 23.9 35.9

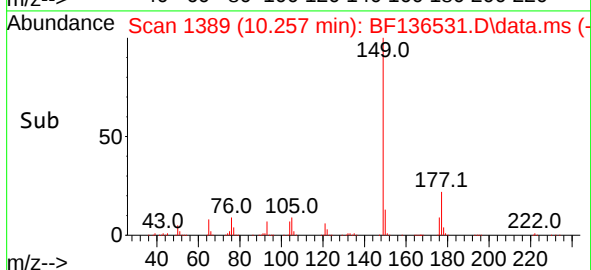
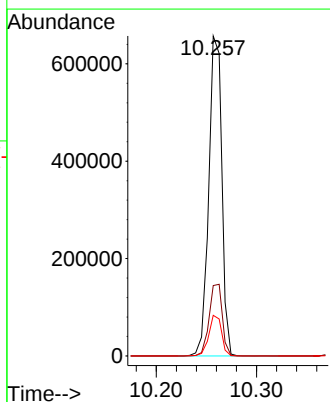
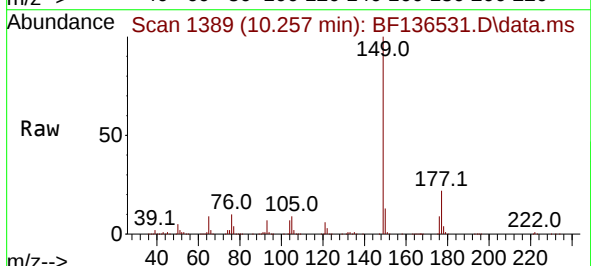
Manual Integrations
APPROVED

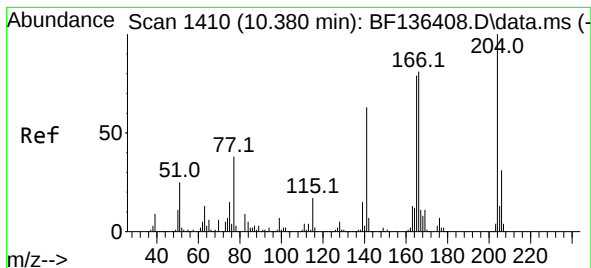
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#60
Diethylphthalate
Concen: 37.647 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:149 Resp: 594215
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.7 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 38.419 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

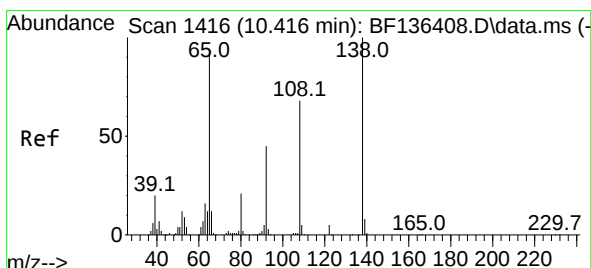
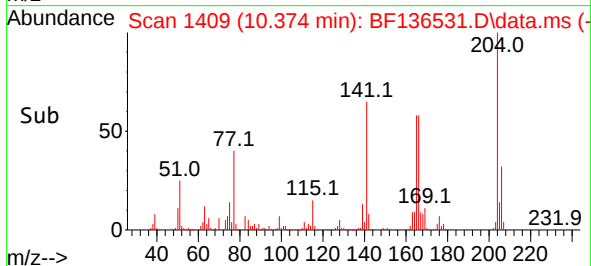
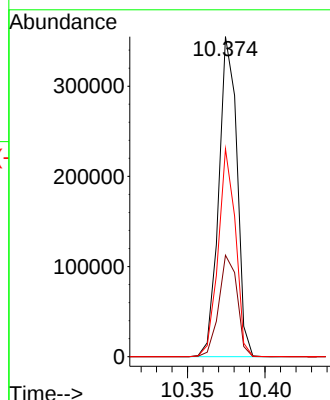
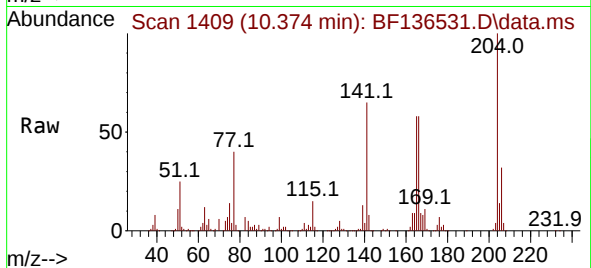
SSTDCCC040

Tgt Ion:204 Resp: 28948
Ion Ratio Lower Upper
204 100
206 31.7 24.6 36.8
141 64.9 50.3 75.5

Manual Integrations

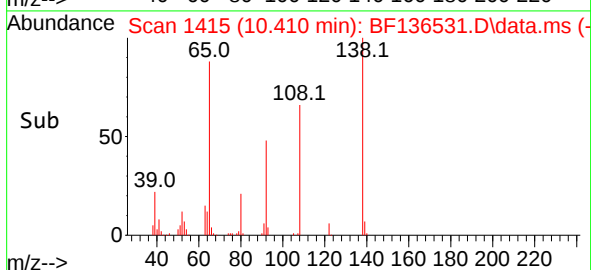
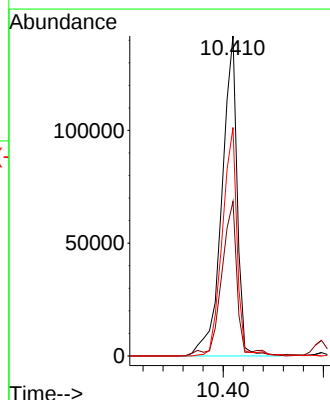
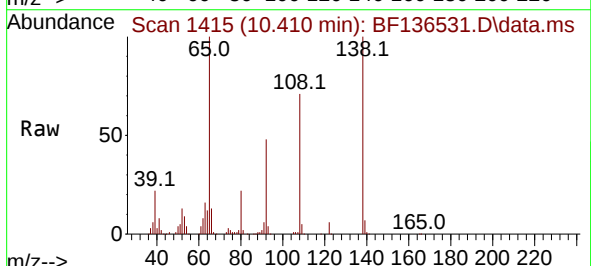
APPROVED

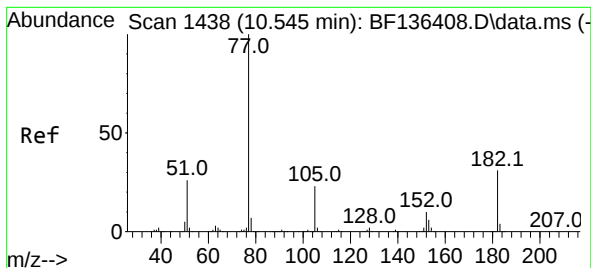
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 41.088 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:138 Resp: 150444
Ion Ratio Lower Upper
138 100
92 48.3 25.0 65.0
108 71.4 47.9 87.9





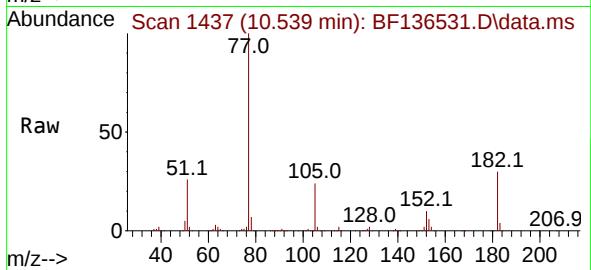
#63
Azobenzene
Concen: 37.535 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

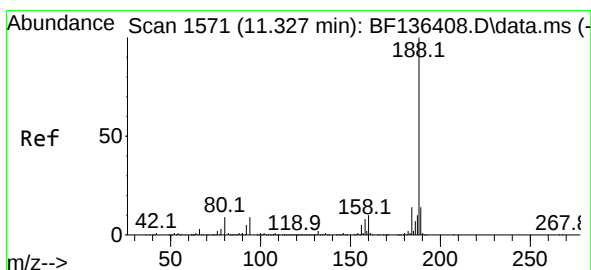
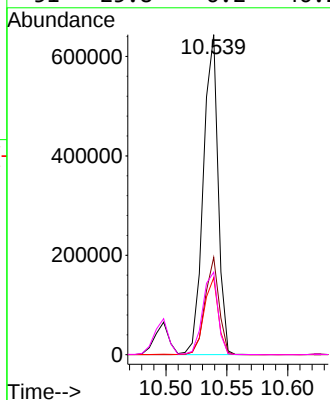
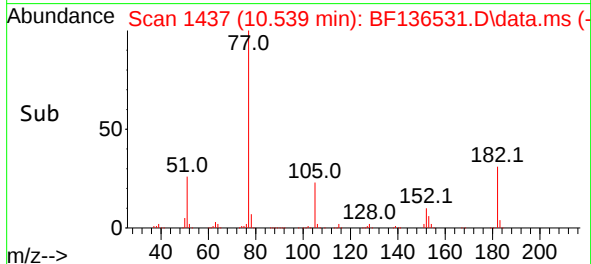


Tgt Ion: 77 Resp: 539248
Ion Ratio Lower Upper
77 100
182 30.4 10.8 50.8
105 24.0 2.6 42.6
51 25.8 6.2 46.2

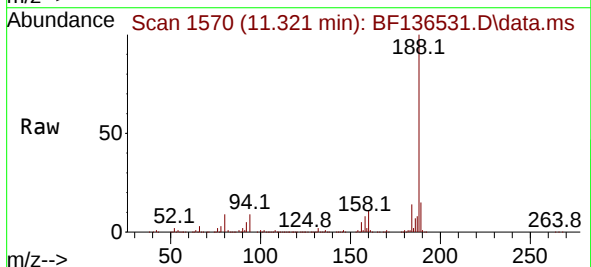
Manual Integrations

APPROVED

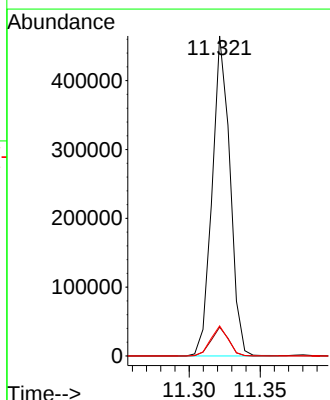
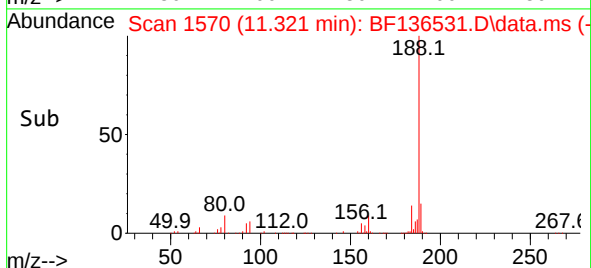
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

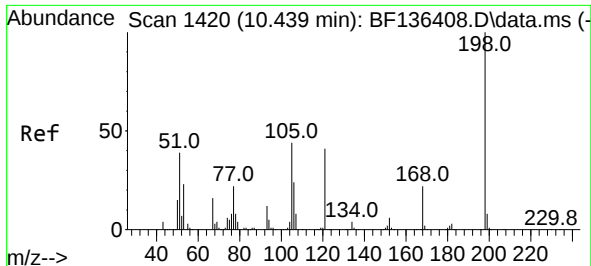


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:188 Resp: 406258
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.4 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 40.480 ng
RT: 10.439 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

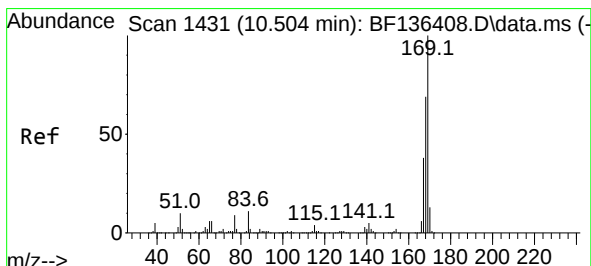
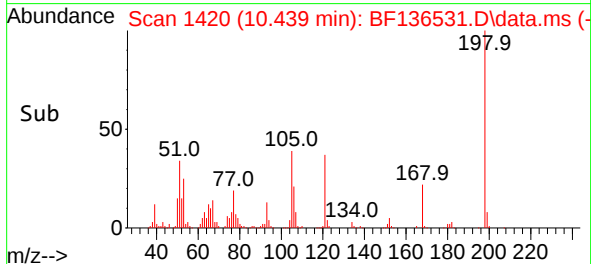
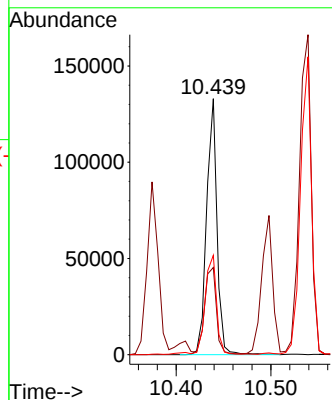
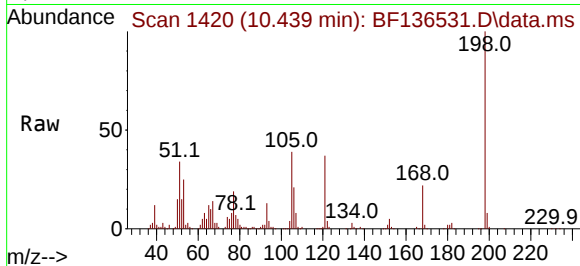
ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 101849
Ion Ratio Lower Upper
198 100
51 34.0 24.1 64.1
105 38.8 24.8 64.8

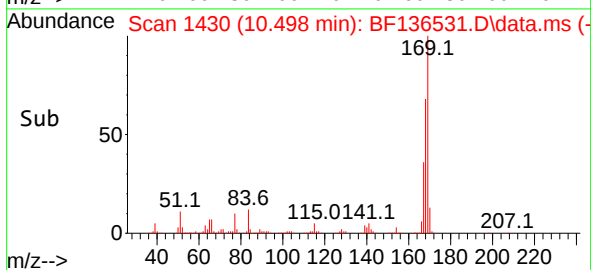
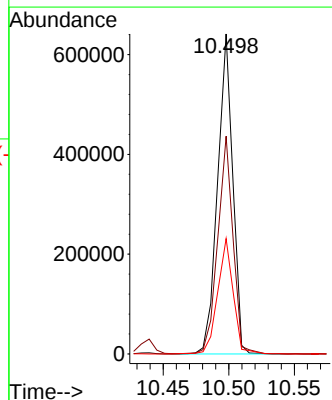
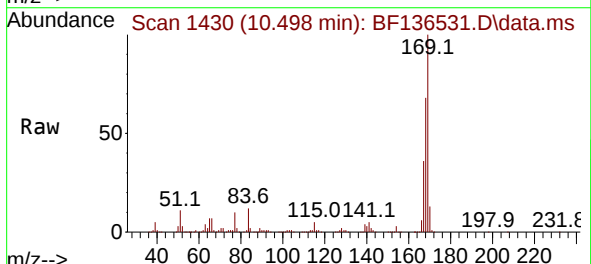
Manual Integrations
APPROVED

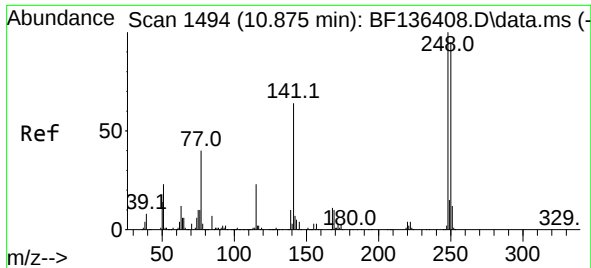
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 39.541 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

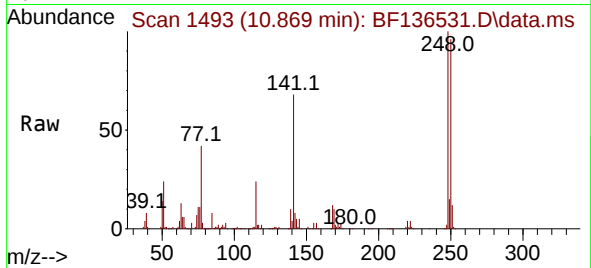
Tgt Ion:169 Resp: 515454
Ion Ratio Lower Upper
169 100
168 68.1 55.3 82.9
167 36.1 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 39.427 ng
RT: 10.869 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

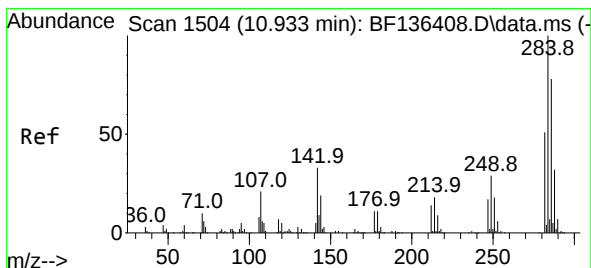
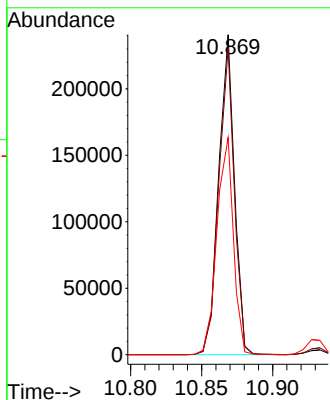
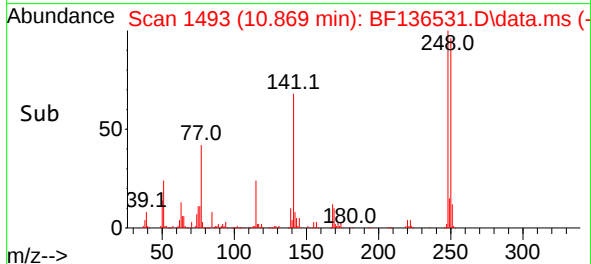
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 186228
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.2
141 67.9 51.0 76.4

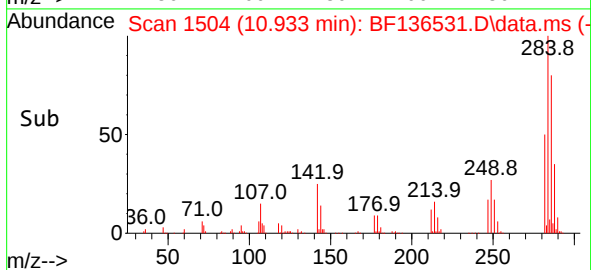
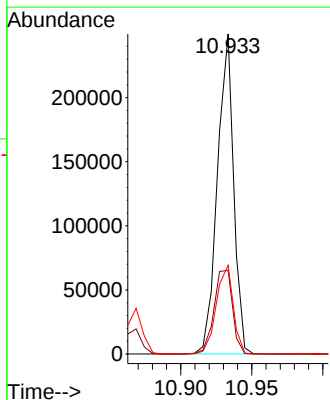
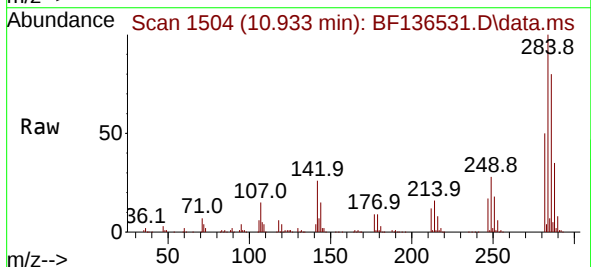
Manual Integrations
APPROVED

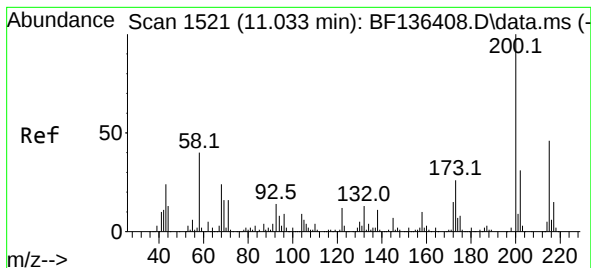
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#68
Hexachlorobenzene
Concen: 36.311 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:284 Resp: 198227
Ion Ratio Lower Upper
284 100
142 26.1 26.5 39.7#
249 27.7 23.4 35.0





#69

Atrazine

Concen: 36.656 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 136380

Ion Ratio Lower Upper

200 100

173 25.3 6.0 46.0

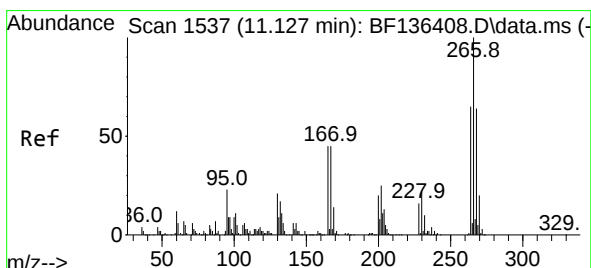
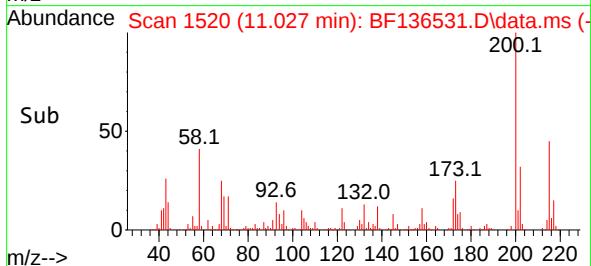
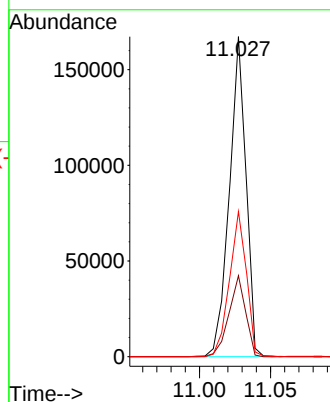
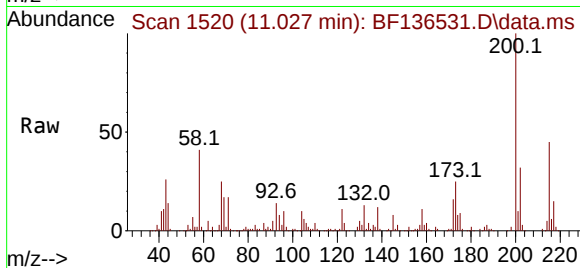
215 45.4 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 36.113 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

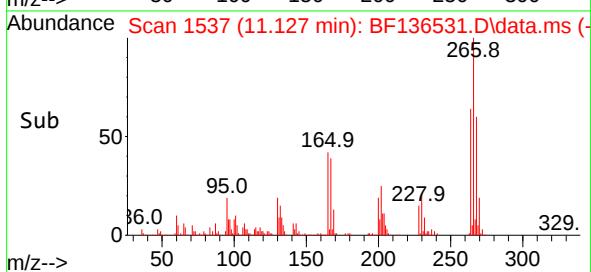
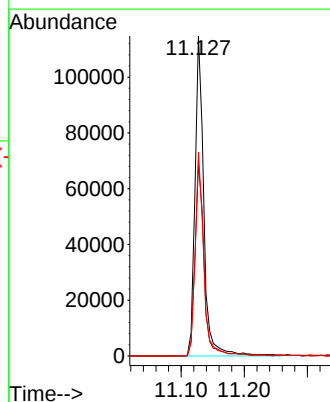
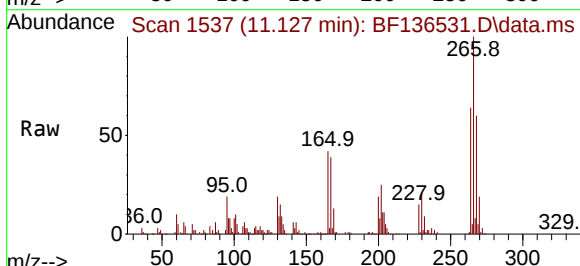
Tgt Ion:266 Resp: 111267

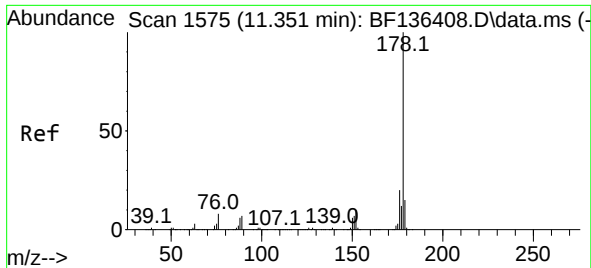
Ion Ratio Lower Upper

266 100

268 59.9 51.0 76.6

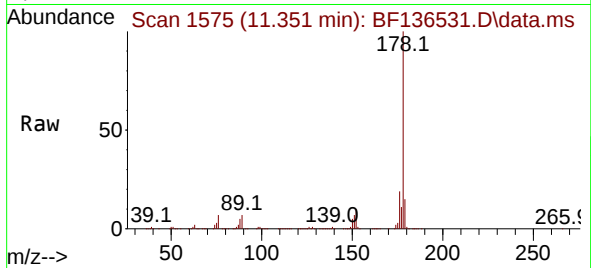
264 63.6 52.2 78.4





#71
Phenanthrene
Concen: 39.523 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

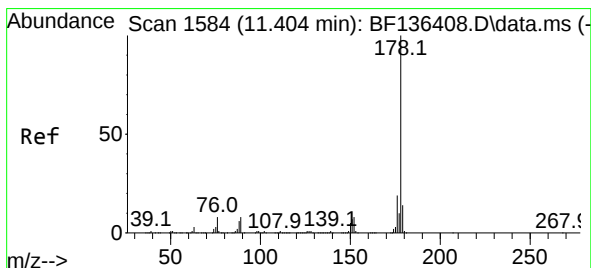
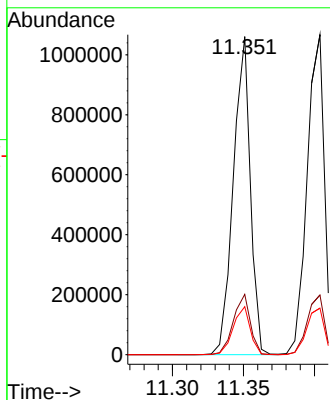
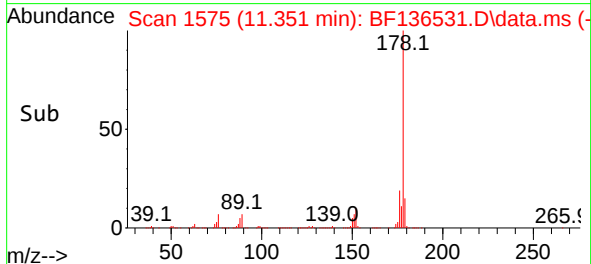
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



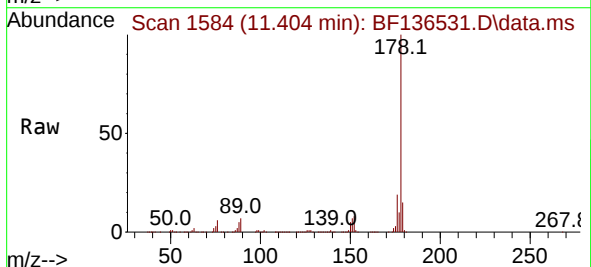
Tgt Ion:178 Resp: 882544
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.1 11.8 17.6

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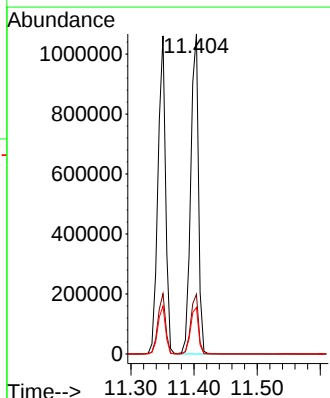
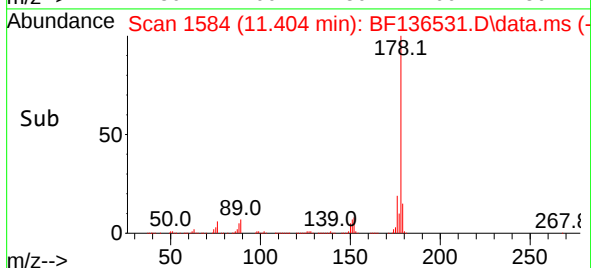
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

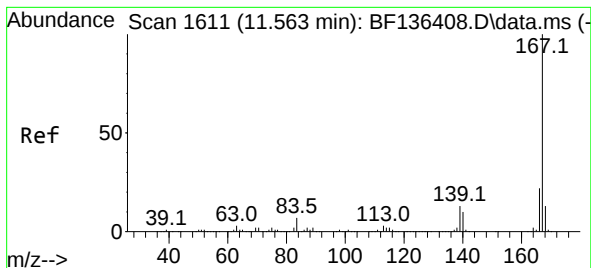


#72
Anthracene
Concen: 40.433 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



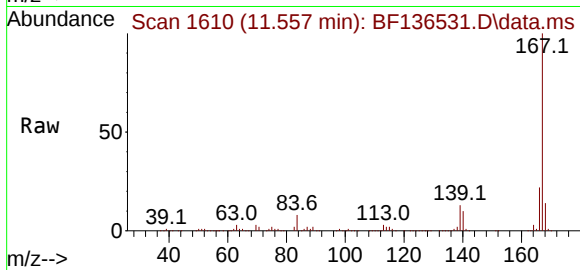
Tgt Ion:178 Resp: 909364
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.6 11.4 17.0





#73
 Carbazole
 Concen: 38.979 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

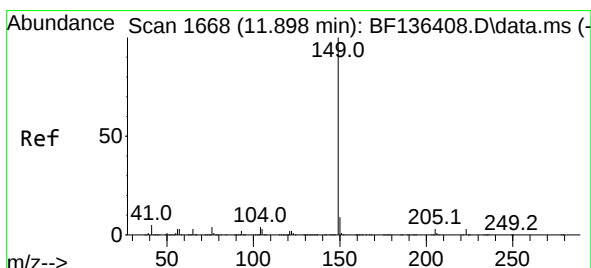
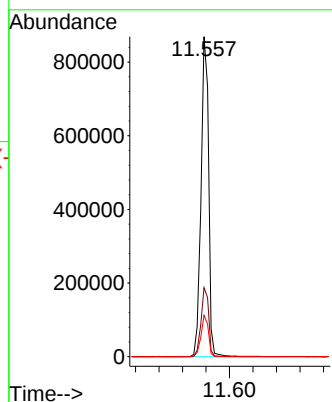
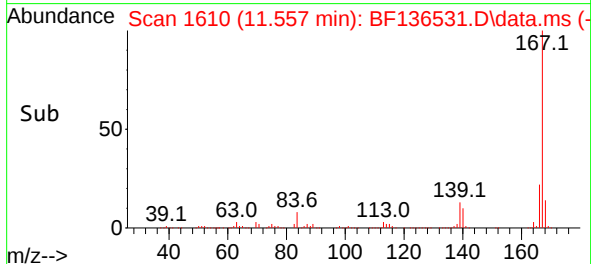
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



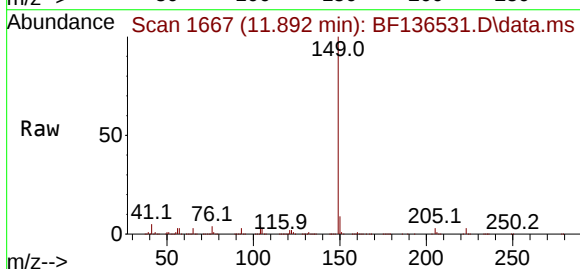
Tgt Ion:167 Resp: 775920
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 12.9 10.2 15.4

Manual Integrations
 APPROVED

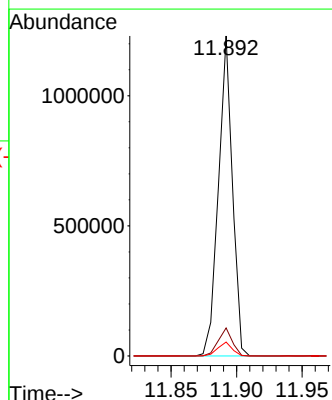
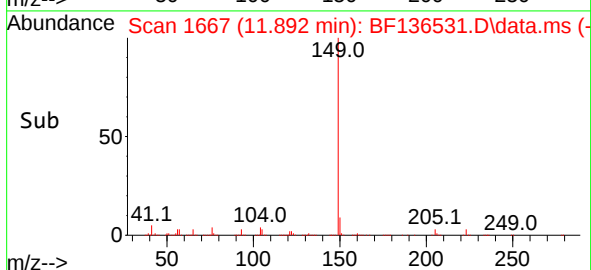
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

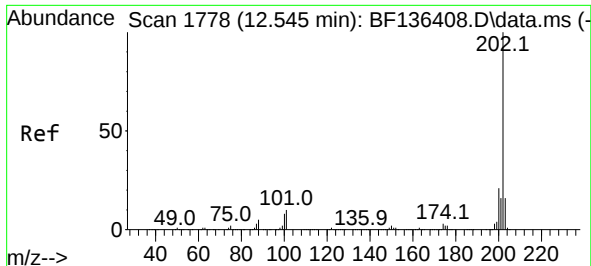


#74
 Di-n-butylphthalate
 Concen: 37.349 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22



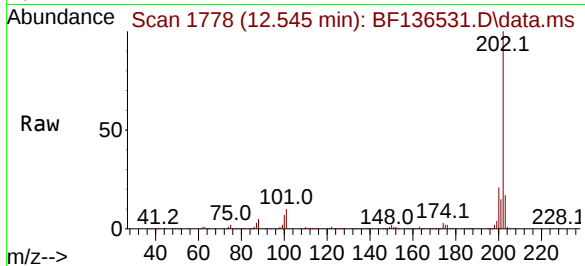
Tgt Ion:149 Resp: 911422
 Ion Ratio Lower Upper
 149 100
 150 8.8 6.9 10.3
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 37.693 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

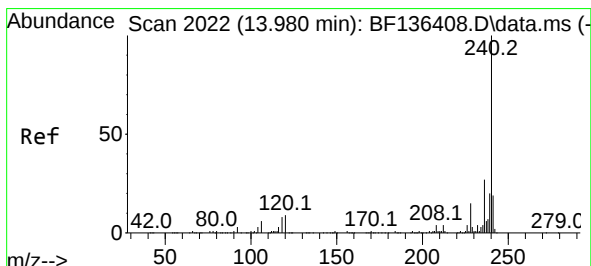
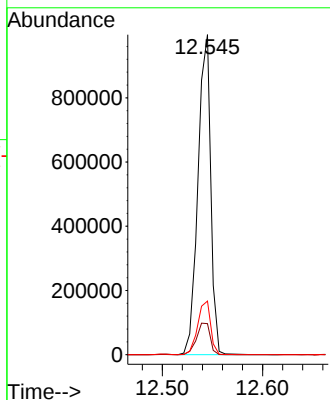
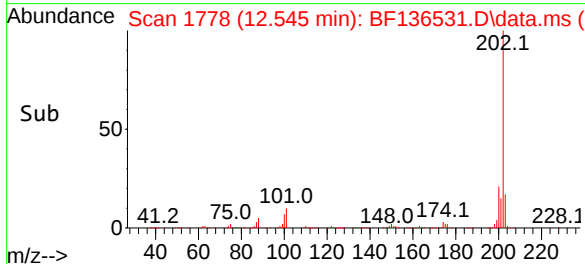
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



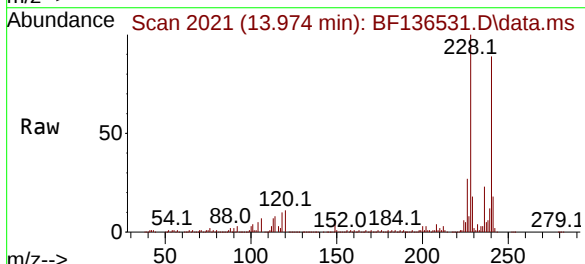
Tgt Ion:202 Resp: 882020
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.9
203 16.8 0.0 36.3

Manual Integrations
APPROVED

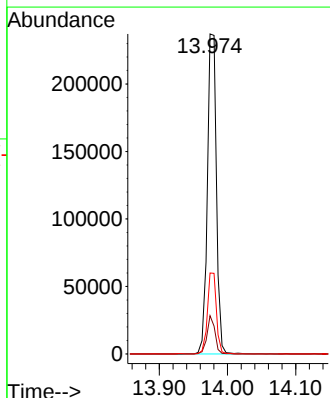
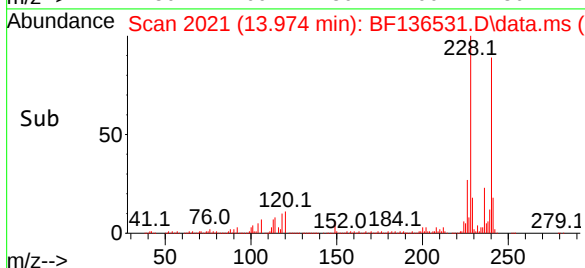
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

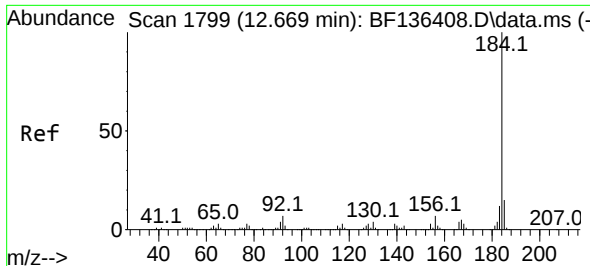


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



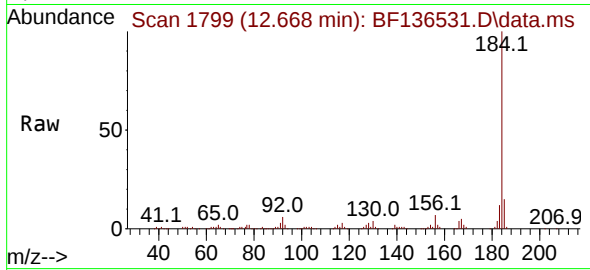
Tgt Ion:240 Resp: 219503
Ion Ratio Lower Upper
240 100
120 11.9 7.3 10.9#
236 25.3 21.3 31.9





#77
Benzidine
Concen: 32.751 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

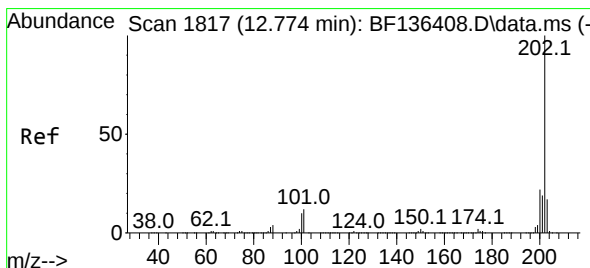
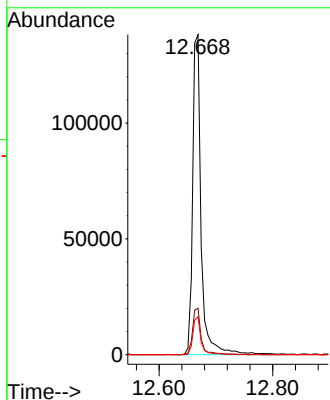
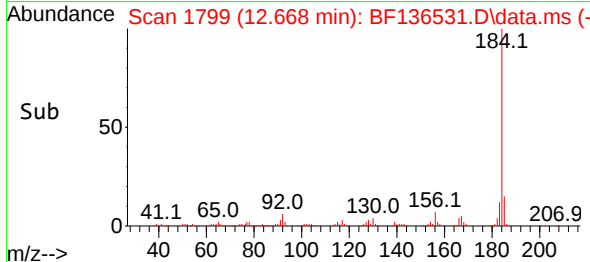
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 144154
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.8 9.4 14.0

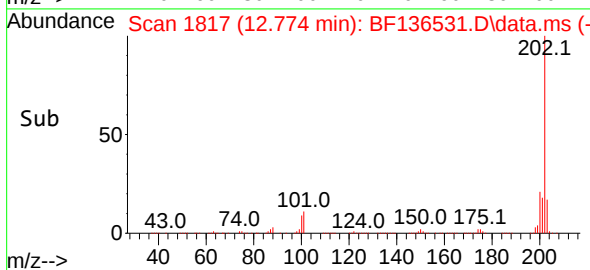
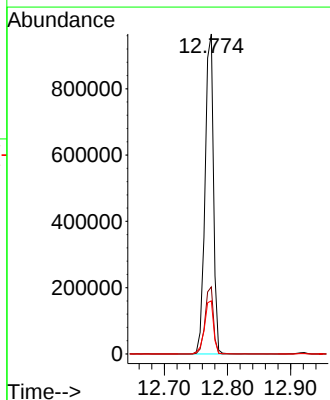
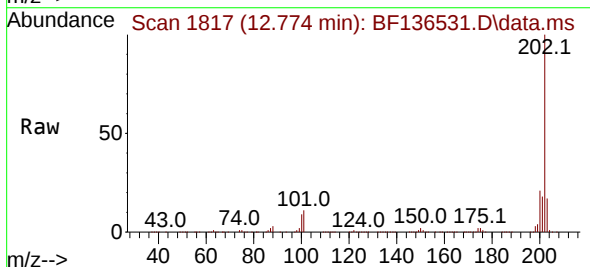
Manual Integrations
APPROVED

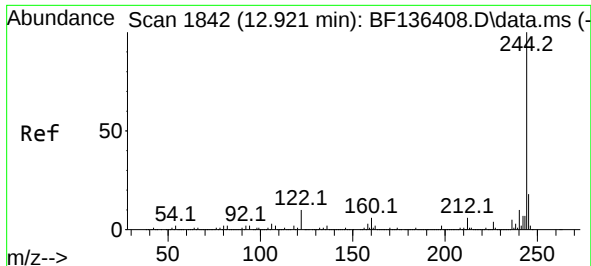
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#78
Pyrene
Concen: 41.717 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:202 Resp: 896807
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 16.6 13.5 20.3





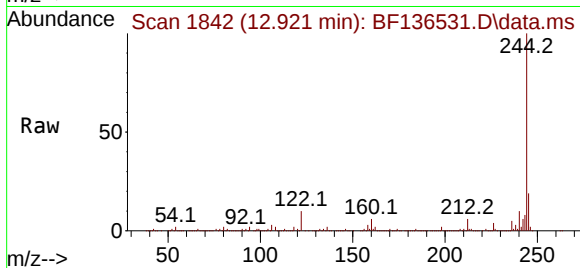
#79
 Terphenyl-d14
 Concen: 81.645 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

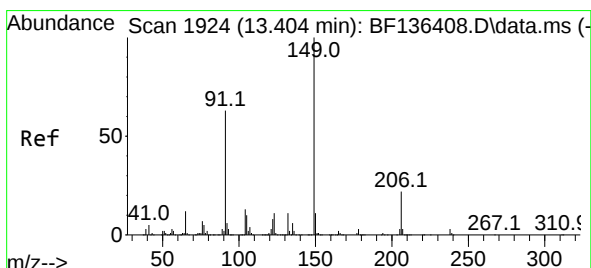
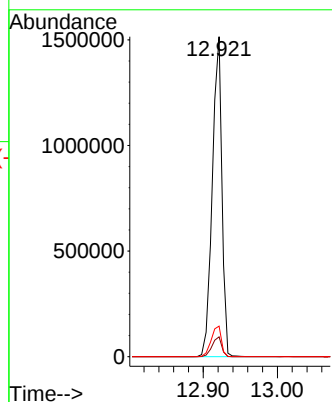
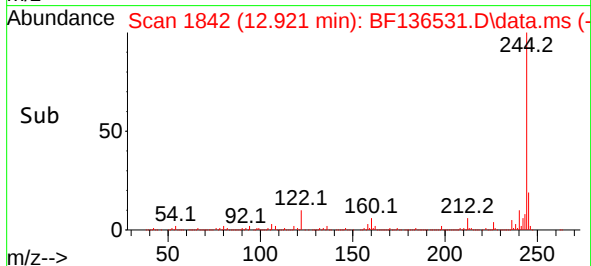


Tgt Ion:244 Resp: 1359692
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.5 8.3 12.5

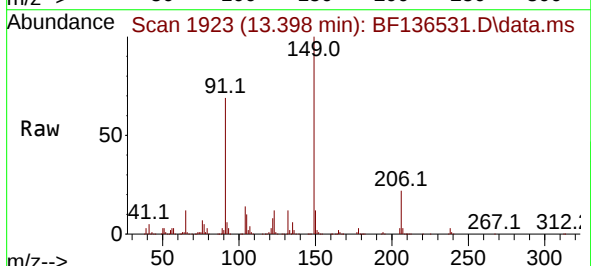
Manual Integrations

APPROVED

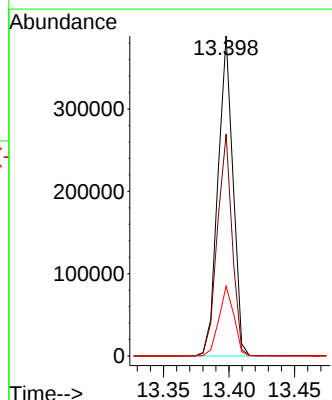
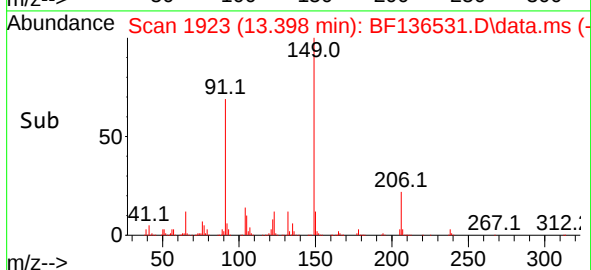
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

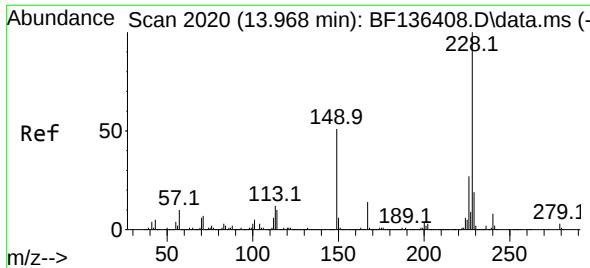


#80
 Butylbenzylphthalate
 Concen: 40.432 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136531.D
 Acq: 13 Dec 2023 11:22



Tgt Ion:149 Resp: 309415
 Ion Ratio Lower Upper
 149 100
 91 69.3 50.5 75.7
 206 21.8 17.4 26.2





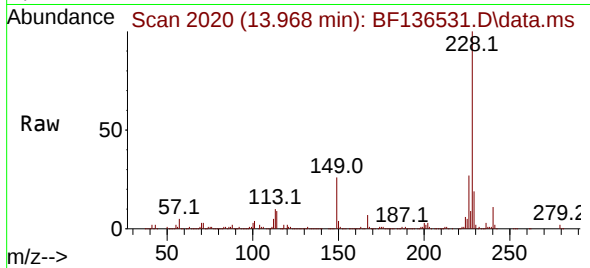
#81
Benzo(a)anthracene
Concen: 40.127 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

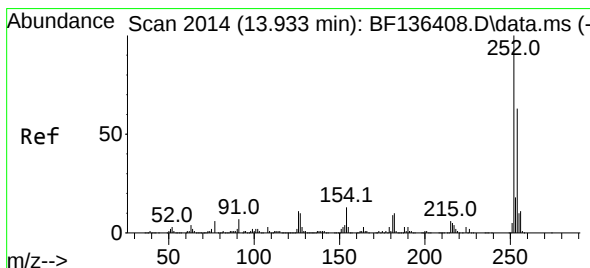
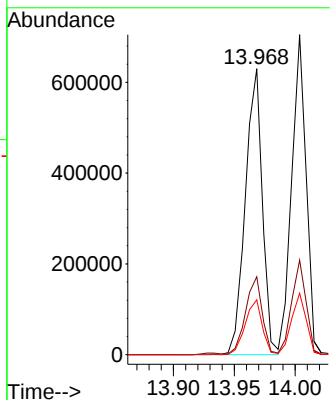
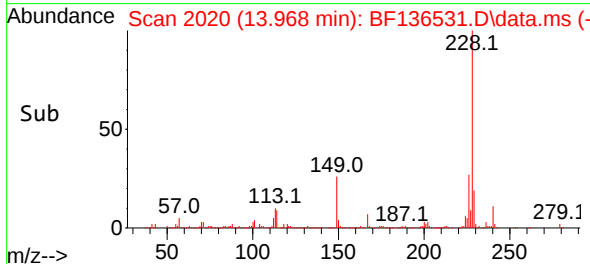


Tgt Ion:228 Resp: 613524
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.2 15.0 22.4

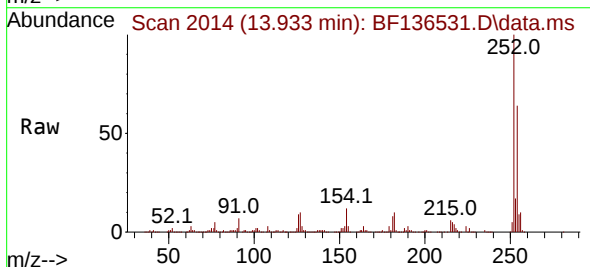
Manual Integrations

APPROVED

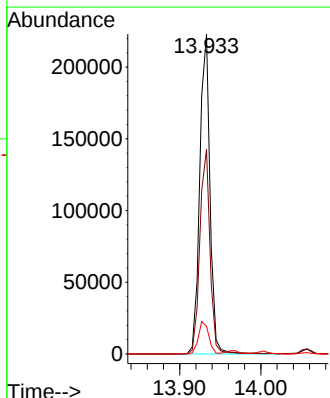
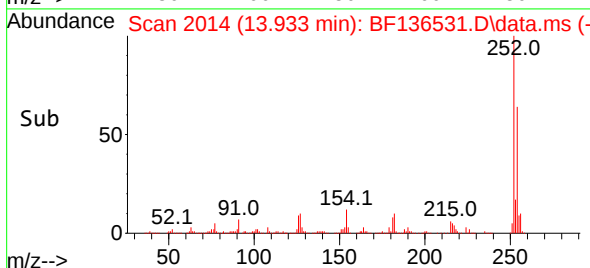
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 45.579 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:252 Resp: 195393
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 8.7 8.6 12.8





#83

Chrysene

Concen: 38.527 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 579560

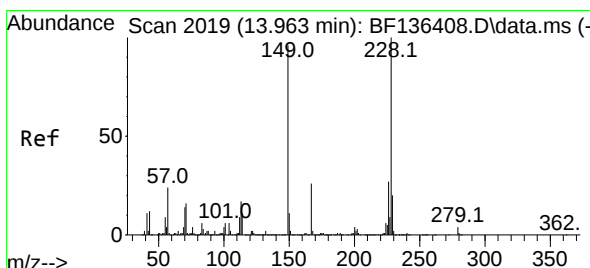
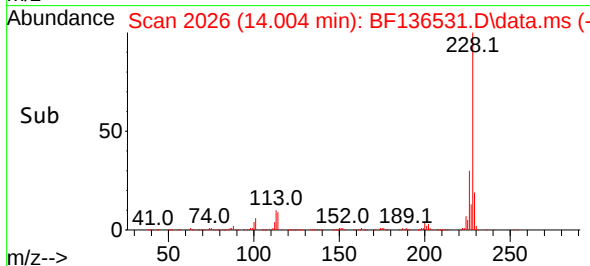
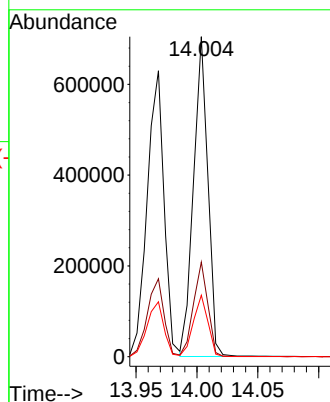
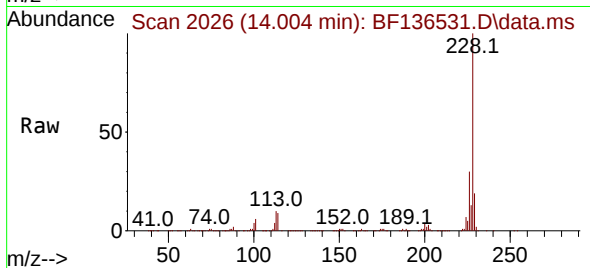
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	19.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.045 ng

RT: 13.962 min Scan# 2019

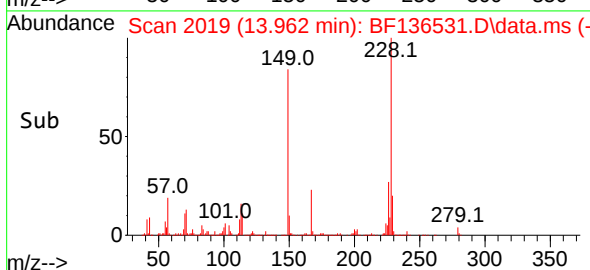
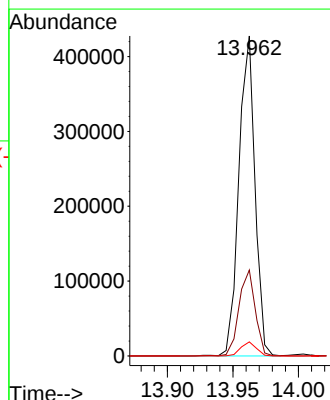
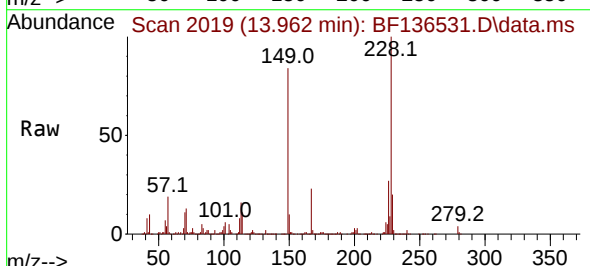
Delta R.T. -0.000 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Tgt Ion:149 Resp: 366302

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.2	31.8
279	4.4	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 34.604 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 47952

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

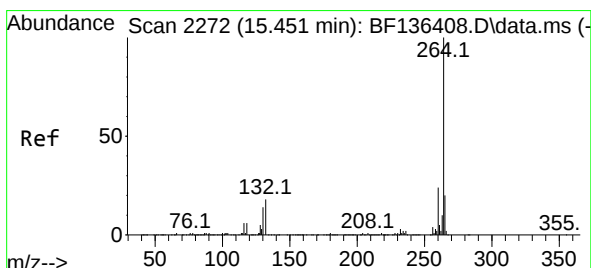
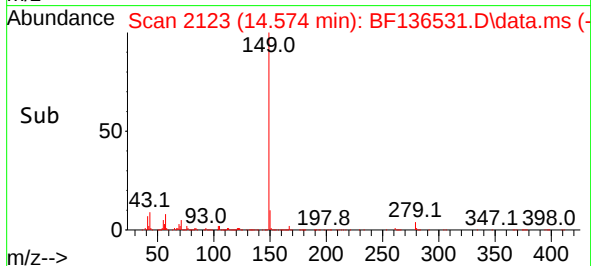
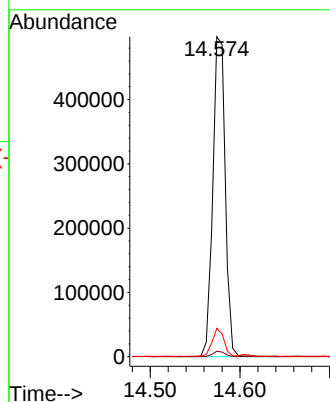
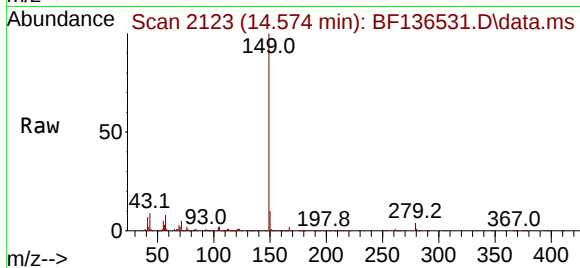
43 8.2 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136531.D

Acq: 13 Dec 2023 11:22

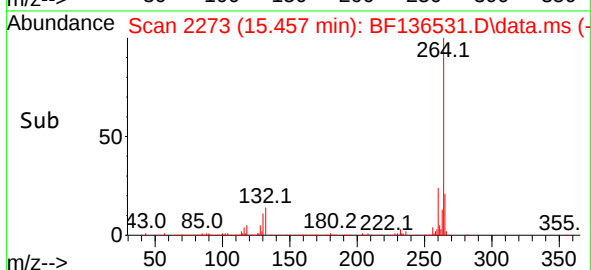
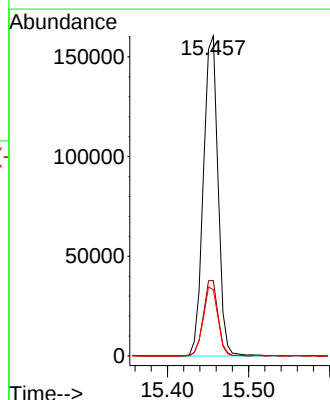
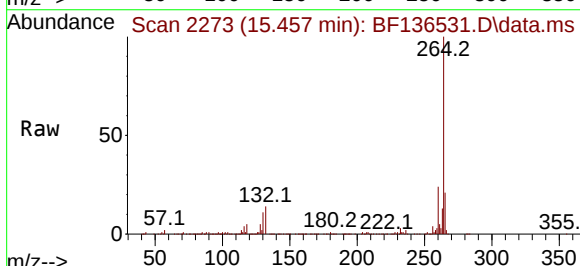
Tgt Ion:264 Resp: 201173

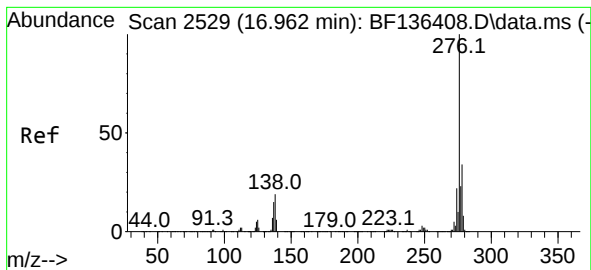
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.7 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.587 ng
RT: 16.962 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

ClientSampleId :

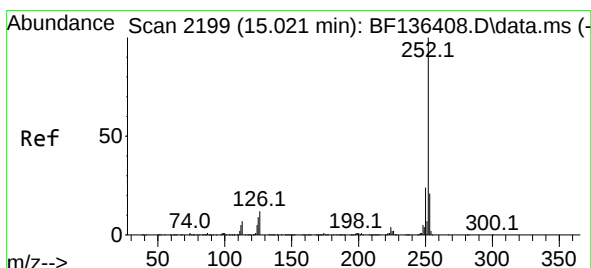
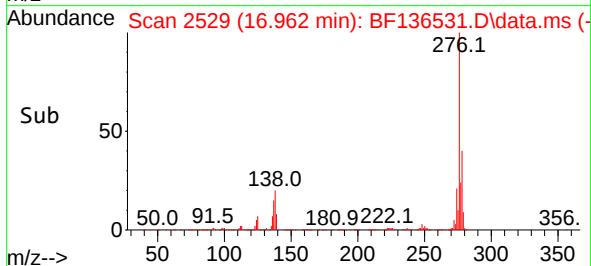
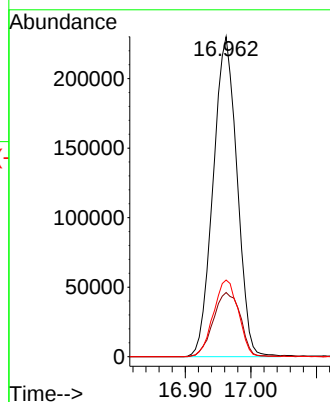
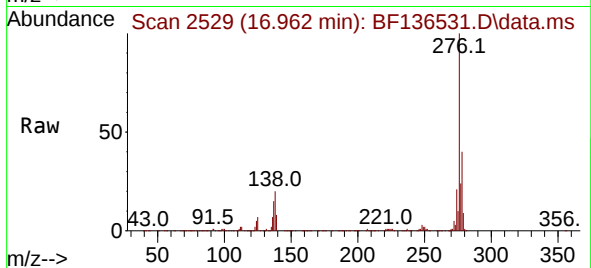
SSTDCCC040

Tgt Ion:276 Resp: 58122
Ion Ratio Lower Upper
276 100
138 23.0 19.0 28.4
277 25.0 20.0 30.0

Manual Integrations

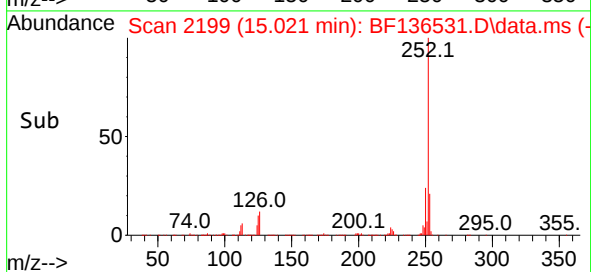
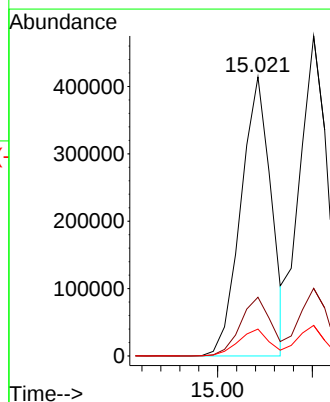
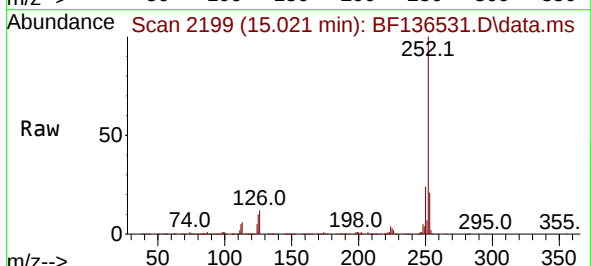
APPROVED

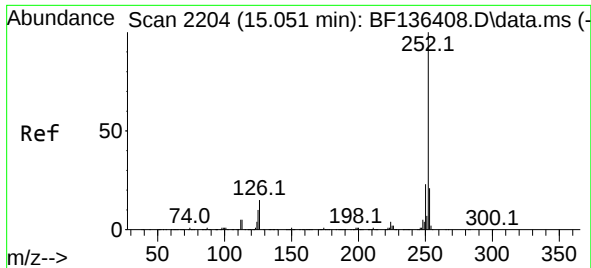
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 33.529 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

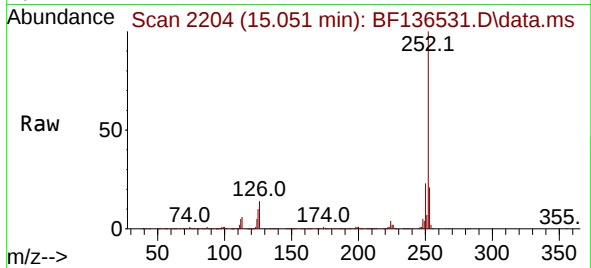
Tgt Ion:252 Resp: 461181
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 9.6 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 36.840 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

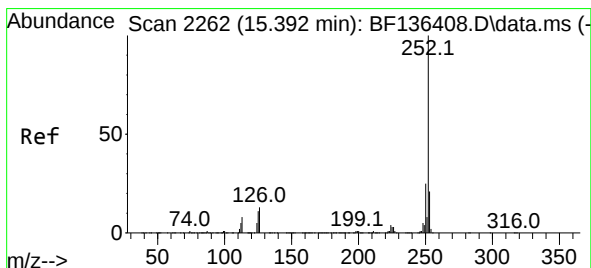
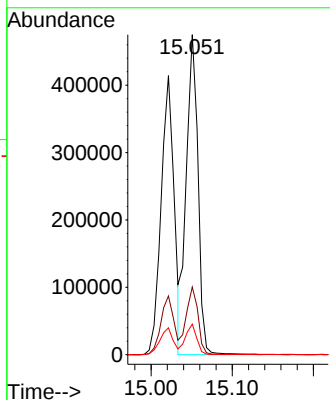
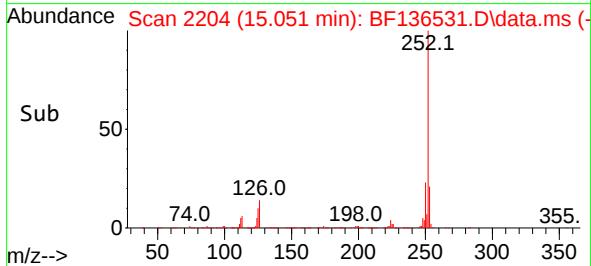
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



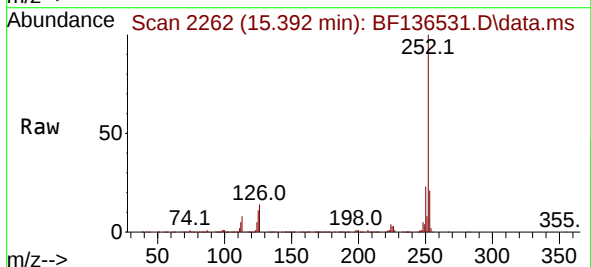
Tgt Ion:252 Resp: 47753
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 9.5 7.5 11.3

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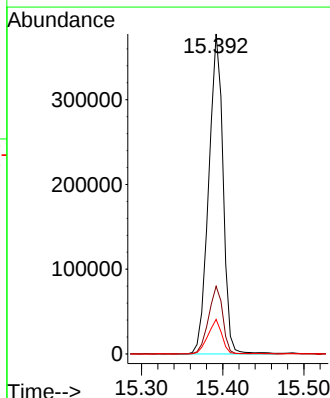
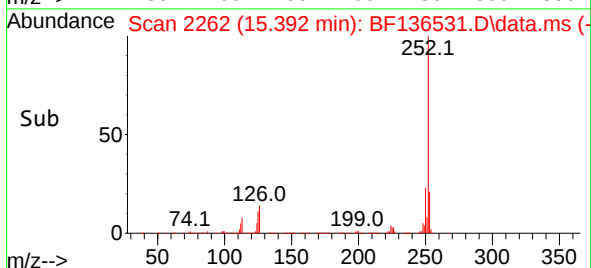
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

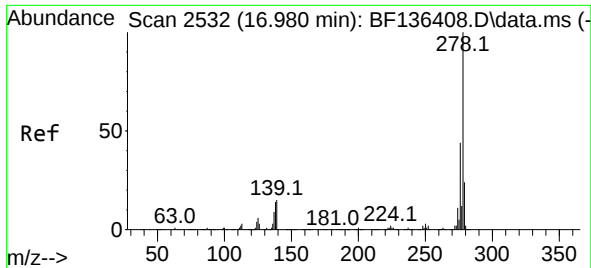


#90
Benzo(a)pyrene
Concen: 40.684 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22



Tgt Ion:252 Resp: 462144
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 41.550 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.000 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Instrument :

BNA_F

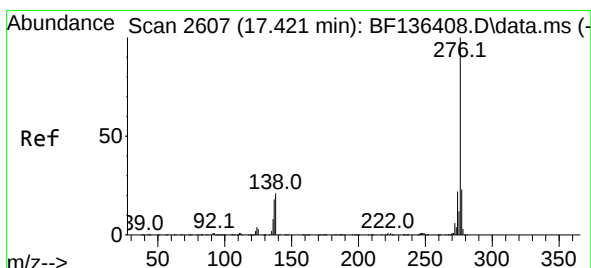
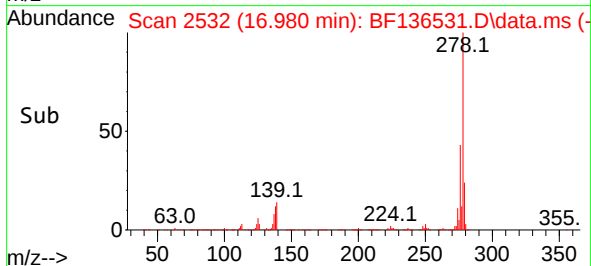
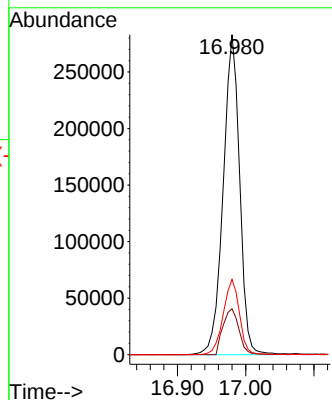
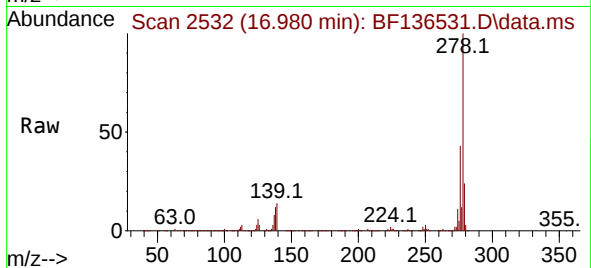
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 47572
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 23.5 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: 41.705 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136531.D
Acq: 13 Dec 2023 11:22

Tgt Ion:276 Resp: 490110
Ion Ratio Lower Upper
276 100
277 22.9 18.7 28.1
138 20.4 16.6 25.0

