

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134895.D
 Acq On : 23 Aug 2023 09:59
 Operator : CG\JU
 Sample : PB154969BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154969BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 04:22:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	132599	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	539139	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	279350	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	507389	20.000	ng	0.00
76) Chrysene-d12	13.980	240	257068	20.000	ng	0.00
86) Perylene-d12	15.451	264	264848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1064053	127.964	ng	0.01
7) Phenol-d6	6.440	99	1346574	126.733	ng	0.00
23) Nitrobenzene-d5	7.357	82	852244	87.105	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	417353	126.853	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1517681	83.987	ng	0.00
79) Terphenyl-d14	12.922	244	1715959	91.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	140478	38.928	ng	99
3) Pyridine	3.375	79	363221	37.350	ng	98
4) n-Nitrosodimethylamine	3.340	42	202116	47.008	ng	98
6) Aniline	6.457	93	428108	32.599	ng	92
8) 2-Chlorophenol	6.581	128	430974	49.394	ng	97
9) Benzaldehyde	6.345	77	171381	29.409	ng	97
10) Phenol	6.451	94	514775	47.320	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	391762	47.475	ng	98
12) 1,3-Dichlorobenzene	6.734	146	441905	48.560	ng	98
13) 1,4-Dichlorobenzene	6.810	146	448661	49.259	ng	99
14) 1,2-Dichlorobenzene	6.963	146	428913	50.804	ng	96
15) Benzyl Alcohol	6.940	79	372862	50.505	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	567745	47.512	ng	99
17) 2-Methylphenol	7.051	107	341998	45.290	ng	98
18) Hexachloroethane	7.298	117	162518	49.301	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	278972	44.955	ng	100
20) 3+4-Methylphenols	7.204	107	401057	49.952	ng	98
22) Acetophenone	7.204	105	540105	45.325	ng	99
24) Nitrobenzene	7.375	77	439216	44.737	ng	99
25) Isophorone	7.616	82	793832	43.451	ng	99
26) 2-Nitrophenol	7.692	139	226329	46.306	ng	92
27) 2,4-Dimethylphenol	7.728	122	350917	44.019	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	479215	44.009	ng	99
29) 2,4-Dichlorophenol	7.934	162	362350	46.003	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	385729	46.127	ng	99
31) Naphthalene	8.092	128	1208923	44.907	ng	100
32) Benzoic acid	7.863	122	283338	48.160	ng	96
33) 4-Chloroaniline	8.145	127	233269	20.195	ng	100
34) Hexachlorobutadiene	8.210	225	225360	45.313	ng	99
35) Caprolactam	8.522	113	119543m	48.618	ng	
36) 4-Chloro-3-methylphenol	8.634	107	384449	46.252	ng	99
37) 2-Methylnaphthalene	8.787	142	765931	42.663	ng	98
38) 1-Methylnaphthalene	8.886	142	733828	43.713	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	373701	43.902	ng	99
41) Hexachlorocyclopentadiene	8.939	237	400874	106.370	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	256876	45.693	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	270543	41.567	ng	99
46) 1,1'-Biphenyl	9.257	154	973791	44.155	ng	99
47) 2-Chloronaphthalene	9.281	162	737453	44.775	ng	98
48) 2-Nitroaniline	9.381	65	243661	45.005	ng	95
49) Acenaphthylene	9.692	152	1148881	45.296	ng	100
50) Dimethylphthalate	9.563	163	869159	43.710	ng	100
51) 2,6-Dinitrotoluene	9.622	165	199316	45.447	ng	90
52) Acenaphthene	9.869	154	696992	43.620	ng	98
53) 3-Nitroaniline	9.792	138	146330	30.548	ng	100
54) 2,4-Dinitrophenol	9.904	184	203970	98.295	ng	# 89
55) Dibenzofuran	10.039	168	1014301	43.600	ng	96
56) 4-Nitrophenol	9.963	139	334881	100.318	ng	97
57) 2,4-Dinitrotoluene	10.033	165	258020	47.572	ng	99
58) Fluorene	10.386	166	775958	43.977	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	234677	46.279	ng	99
60) Diethylphthalate	10.263	149	803720	44.117	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	378665	42.811	ng	96
62) 4-Nitroaniline	10.410	138	209295	46.739	ng	96
63) Azobenzene	10.539	77	804725	44.465	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	140843	47.043	ng	96
66) n-Nitrosodiphenylamine	10.498	169	721532	44.159	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	253031	43.226	ng	92
68) Hexachlorobenzene	10.933	284	290157	46.607	ng	98
69) Atrazine	11.033	200	245607	55.356	ng	98
70) Pentachlorophenol	11.128	266	292792	78.148	ng	97
71) Phenanthrene	11.351	178	1204371	45.297	ng	100
72) Anthracene	11.404	178	1222388	44.871	ng	99
73) Carbazole	11.563	167	1081611	48.183	ng	100
74) Di-n-butylphthalate	11.898	149	1193005	46.338	ng	99
75) Fluoranthene	12.545	202	1221519	48.488	ng	100
77) Benzidine	12.669	184	307889	73.819	ng	99
78) Pyrene	12.774	202	1241765	45.559	ng	99
80) Butylbenzylphthalate	13.404	149	420868	50.682	ng	99
81) Benzo(a)anthracene	13.969	228	814212	46.422	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	199608	35.958	ng	96
83) Chrysene	14.004	228	797926	46.109	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	435621	48.427	ng	99
85) Di-n-octyl phthalate	14.586	149	640462	43.663	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	909977	48.068	ng	100
88) Benzo(b)fluoranthene	15.021	252	789897	52.862	ng	99
89) Benzo(k)fluoranthene	15.051	252	668754	45.576	ng	98
90) Benzo(a)pyrene	15.392	252	685175	45.933	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	733221	47.868	ng	99
92) Benzo(g,h,i)perylene	17.404	276	734403	46.836	ng	98

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

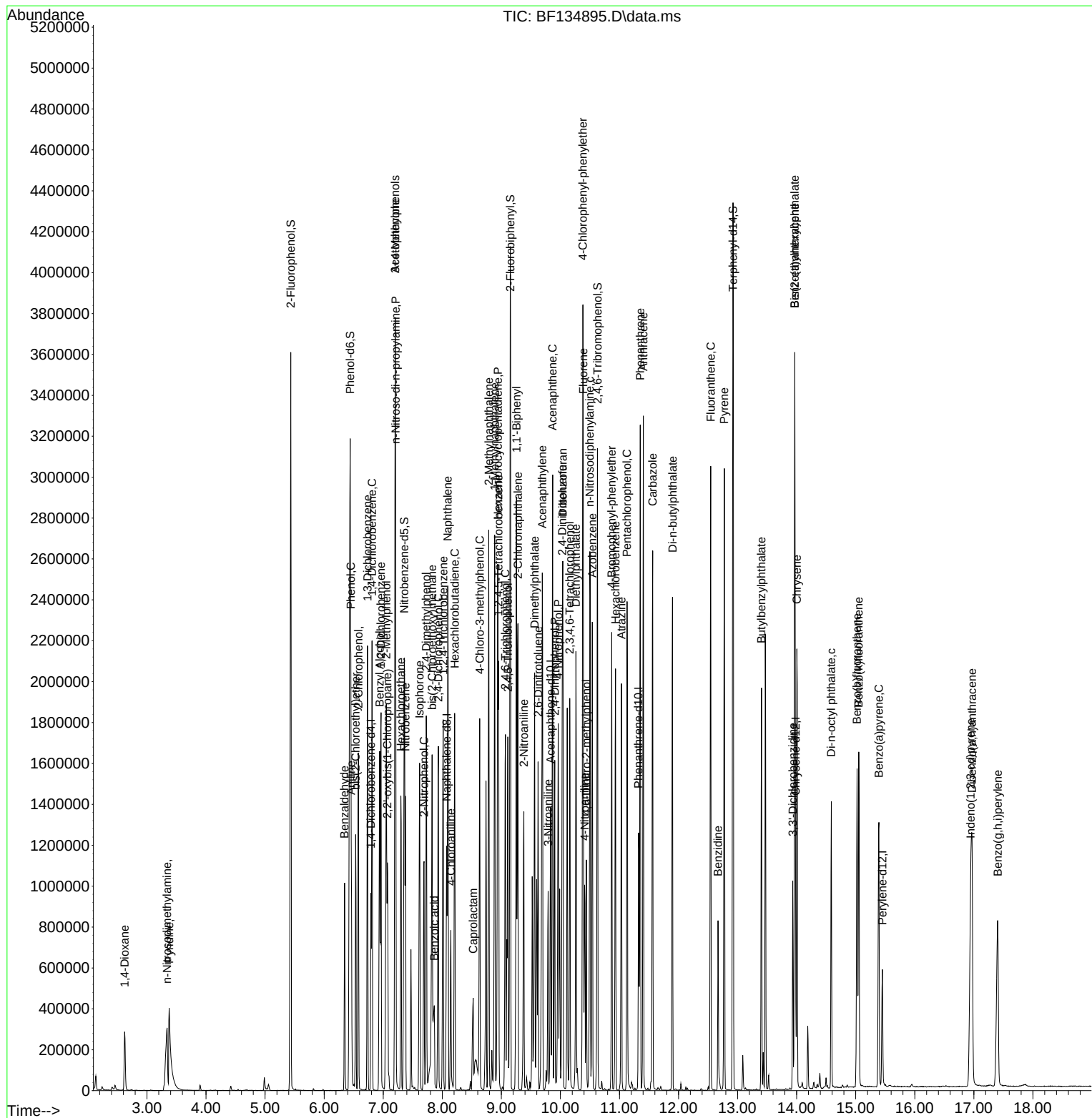
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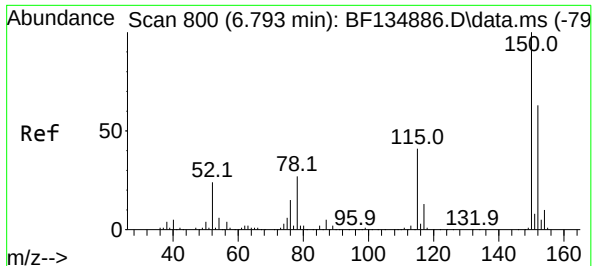
Instrument :
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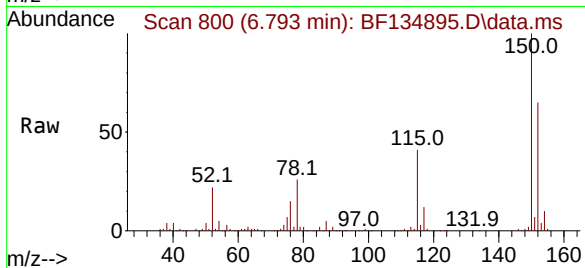
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

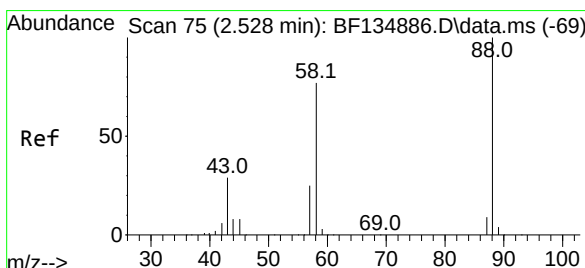
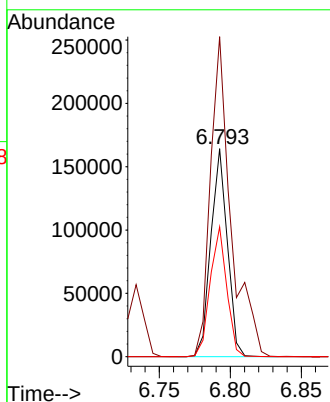
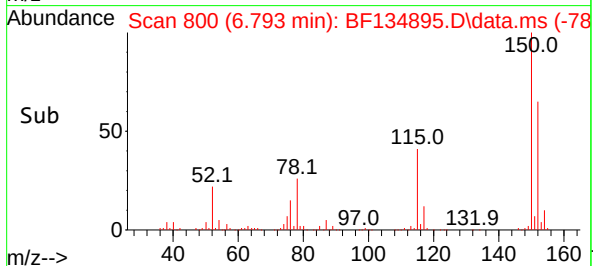


Tgt Ion:152 Resp: 13259
Ion Ratio Lower Upper
152 100
150 153.8 126.1 189.1
115 62.4 51.1 76.7

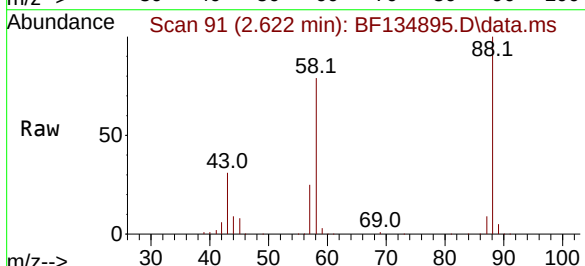
Manual Integrations

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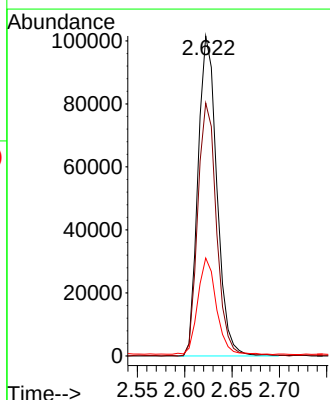
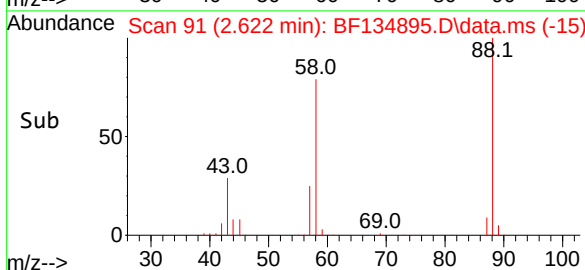
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

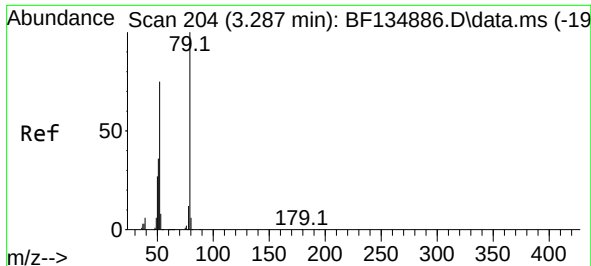


#2
1,4-Dioxane
Concen: 38.928 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.094 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion: 88 Resp: 140478
Ion Ratio Lower Upper
88 100
58 78.7 62.6 93.8
43 29.6 23.3 34.9





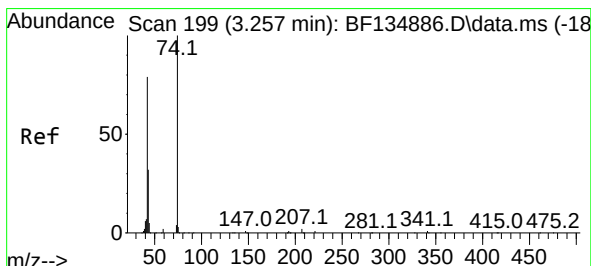
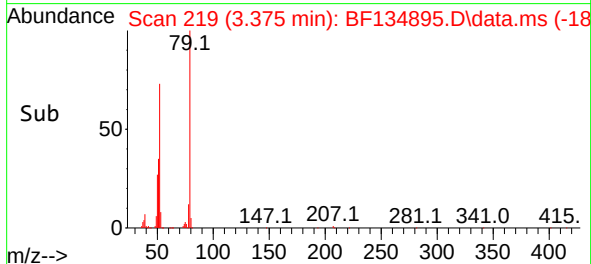
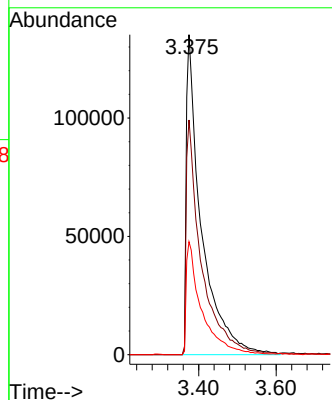
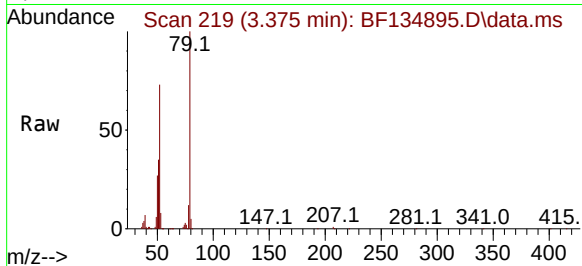
#3
Pyridine
Concen: 37.350 ng
RT: 3.375 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB154969BS

Tgt Ion: 79 Resp: 36322
Ion Ratio Lower Upper
79 100
52 73.4 60.1 90.1
51 35.3 29.4 44.0

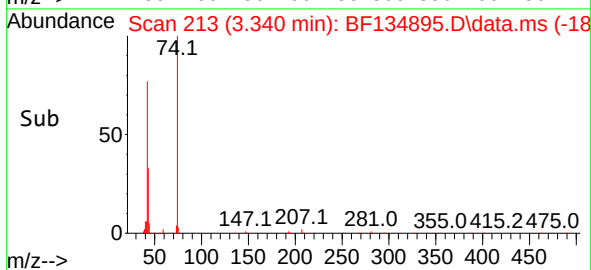
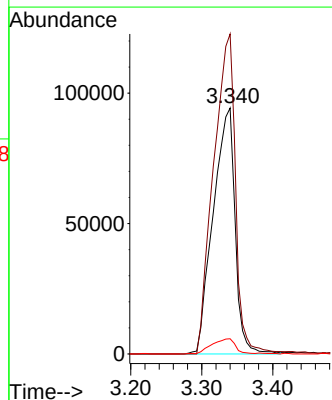
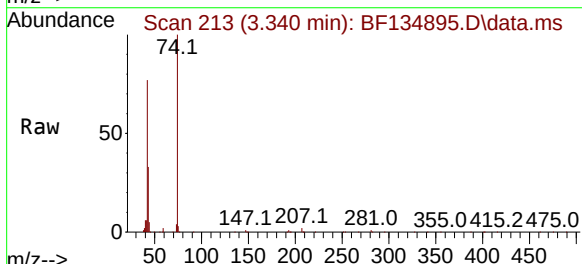
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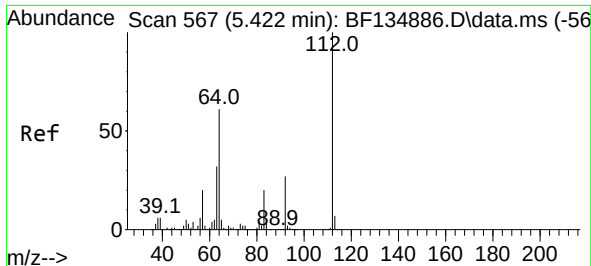
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#4
n-Nitrosodimethylamine
Concen: 47.008 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion: 42 Resp: 202116
Ion Ratio Lower Upper
42 100
74 130.1 101.8 152.8
44 6.2 5.4 8.0





#5
2-Fluorophenol
Concen: 127.964 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

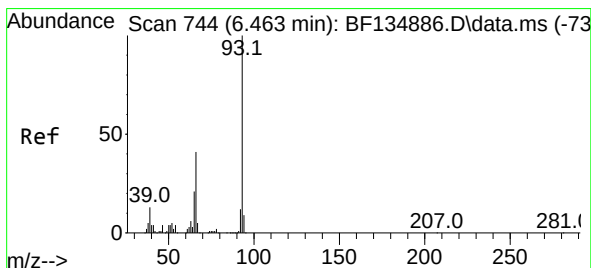
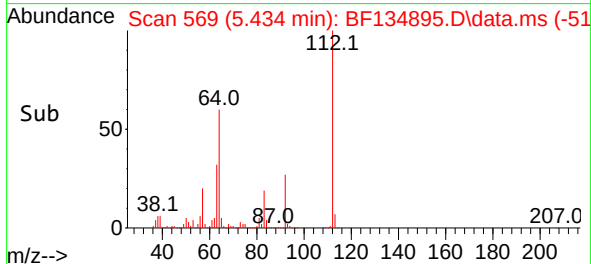
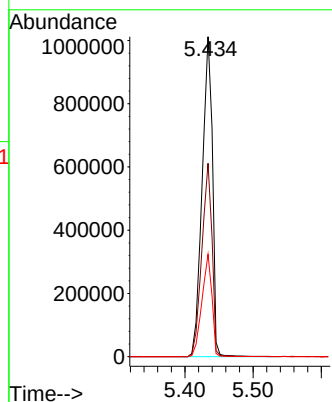
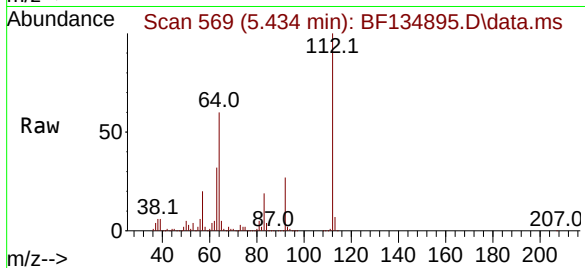
PB154969BS

Tgt Ion:112 Resp: 106405
Ion Ratio Lower Upper
112 100
64 60.4 48.6 73.0
63 32.0 25.7 38.5

Manual Integrations

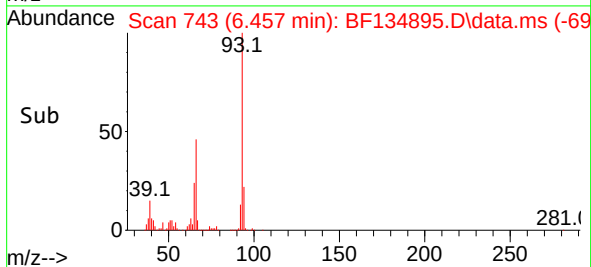
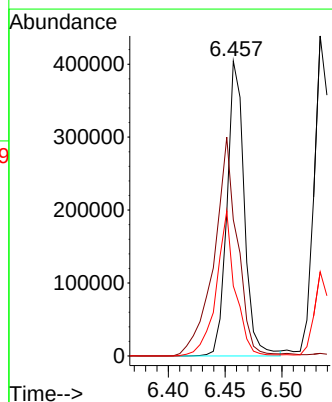
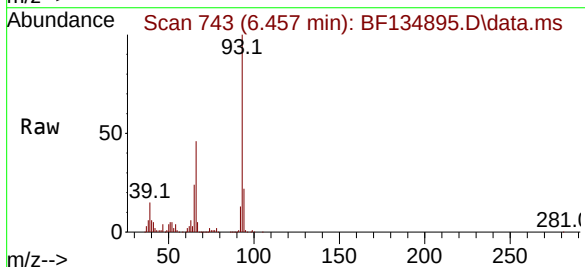
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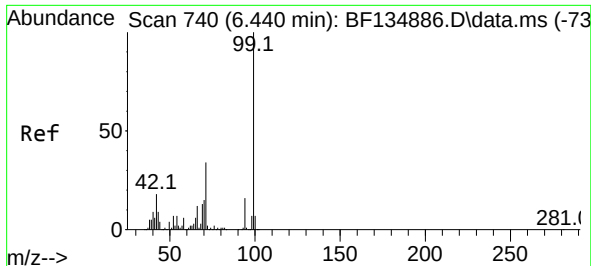
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#6
Aniline
Concen: 32.599 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

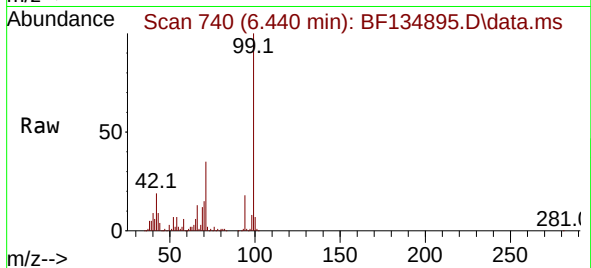
Tgt Ion: 93 Resp: 428108
Ion Ratio Lower Upper
93 100
66 46.1 32.7 49.1
65 23.7 16.7 25.1





#7
Phenol-d6
Concen: 126.733 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134895.D
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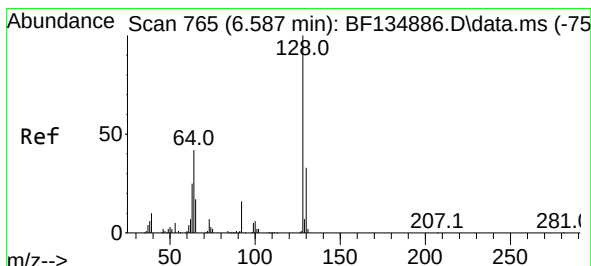
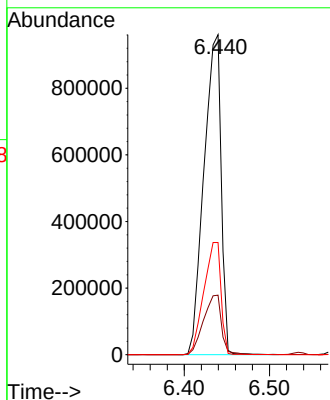
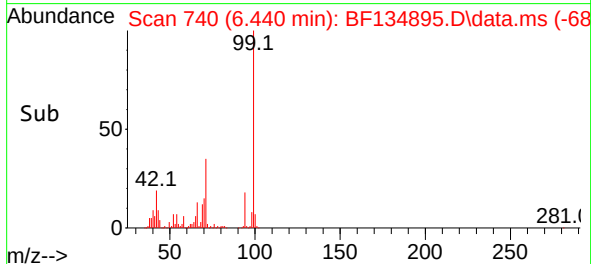
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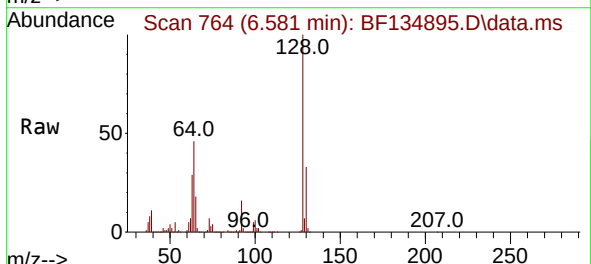
Tgt Ion: 99 Resp: 1346574
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 35.1 27.6 41.4

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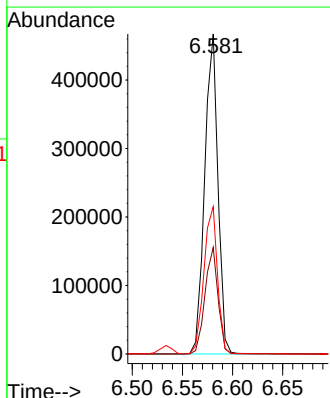
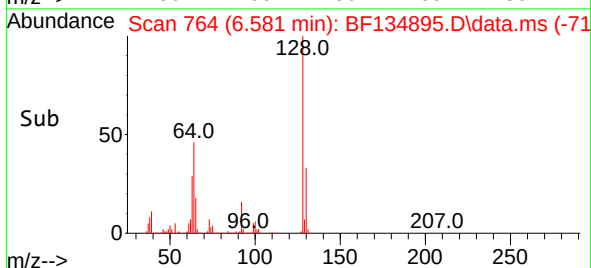
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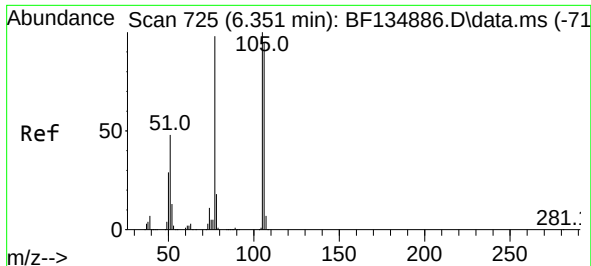


#8
2-Chlorophenol
Concen: 49.394 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



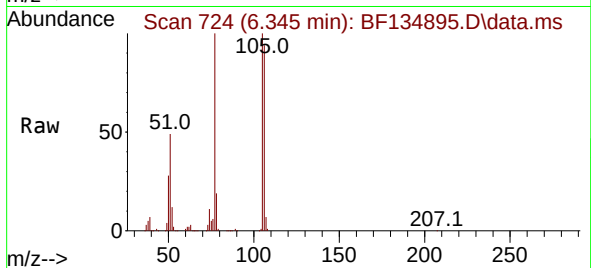
Tgt Ion:128 Resp: 430974
Ion Ratio Lower Upper
128 100
130 33.3 13.0 53.0
64 46.0 23.4 63.4





#9
Benzaldehyde
Concen: 29.409 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

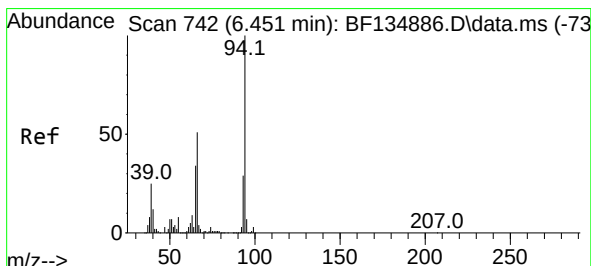
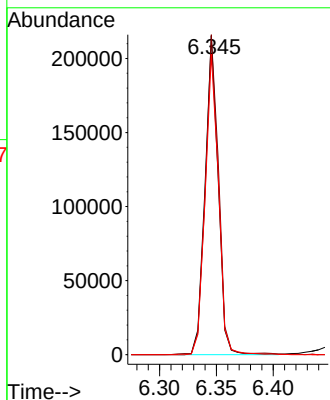
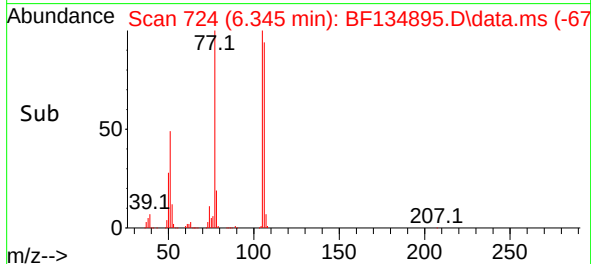
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Tgt Ion: 77 Resp: 17138
Ion Ratio Lower Upper
77 100
105 100.4 82.4 122.4
106 94.2 77.2 117.2

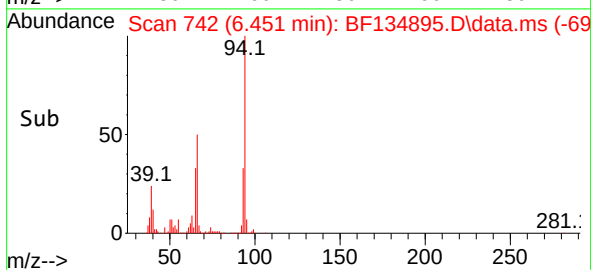
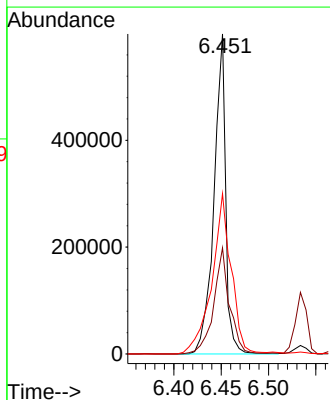
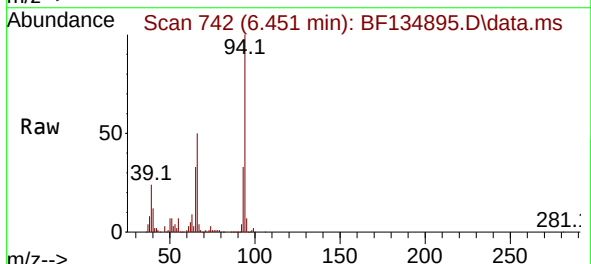
Manual Integrations
APPROVED

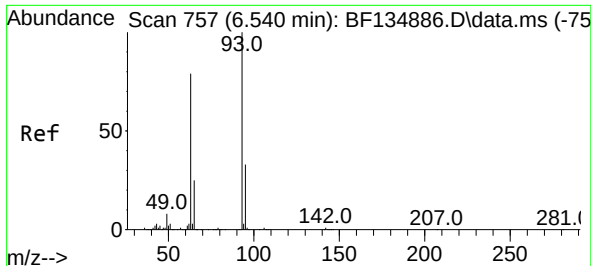
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Phenol
Concen: 47.320 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion: 94 Resp: 514775
Ion Ratio Lower Upper
94 100
65 33.2 14.0 54.0
66 50.1 31.1 71.1





#11

bis(2-Chloroethyl)ether

Concen: 47.475 ng

RT: 6.534 min Scan# 757

Delta R.T. -0.006 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

Tgt Ion: 93 Resp: 391762

Ion Ratio Lower Upper

93 100

63 80.1 58.7 98.7

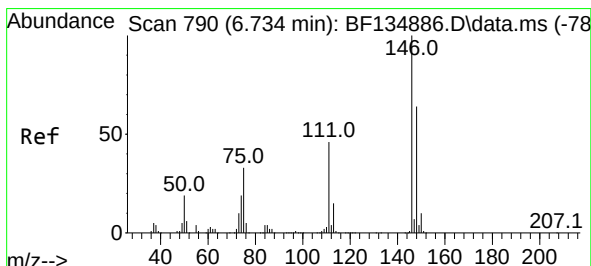
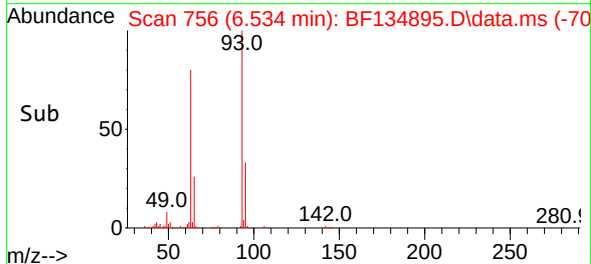
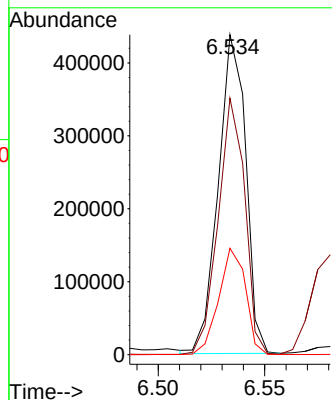
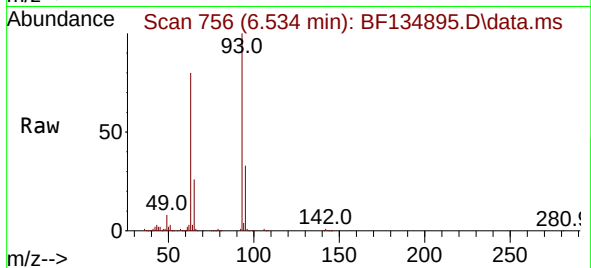
95 33.3 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#12

1,3-Dichlorobenzene

Concen: 48.560 ng

RT: 6.734 min Scan# 790

Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

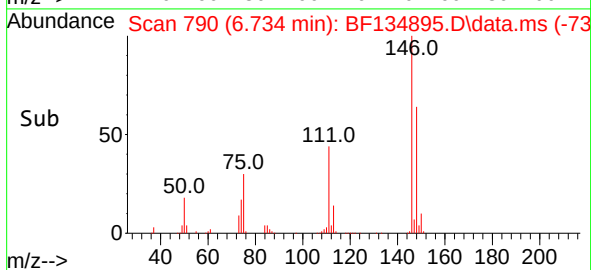
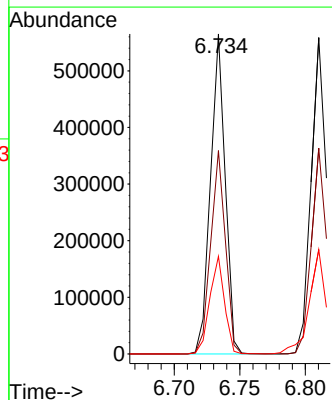
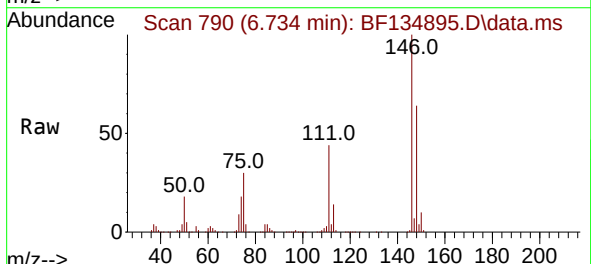
Tgt Ion:146 Resp: 441905

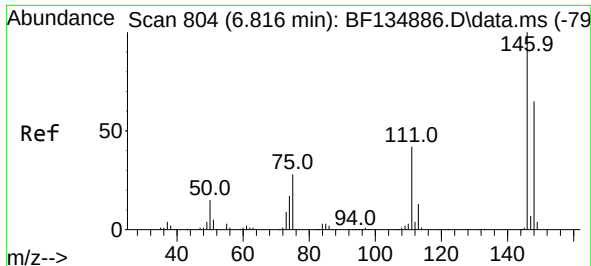
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

75 30.5 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 49.259 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

Tgt Ion:146 Resp: 44866

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

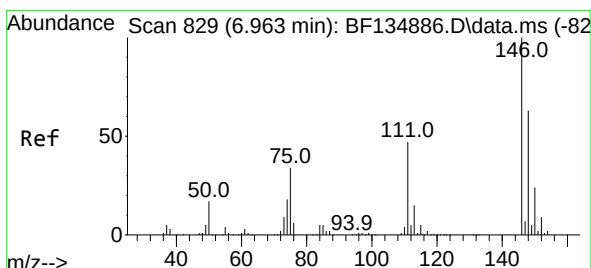
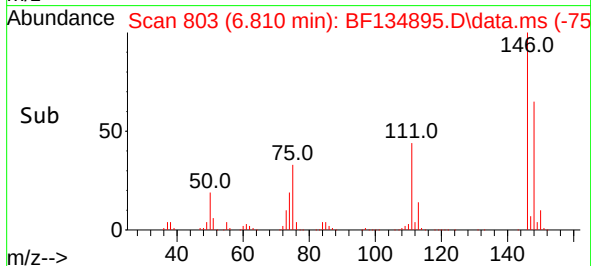
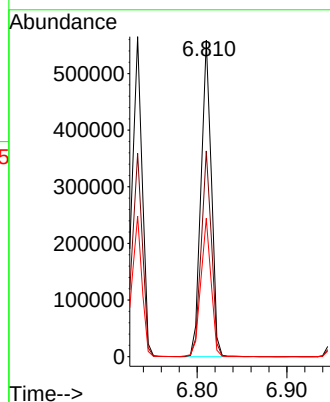
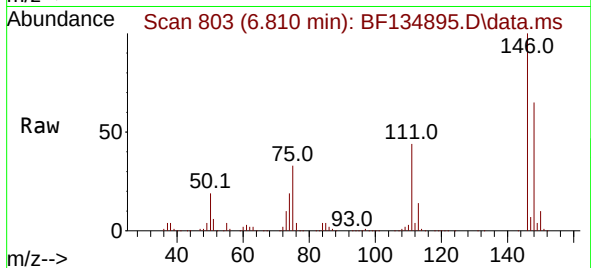
111 43.7 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#14

1,2-Dichlorobenzene

Concen: 50.804 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

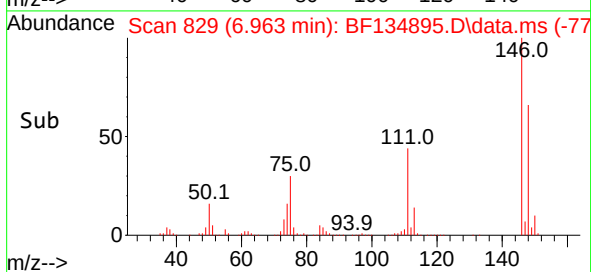
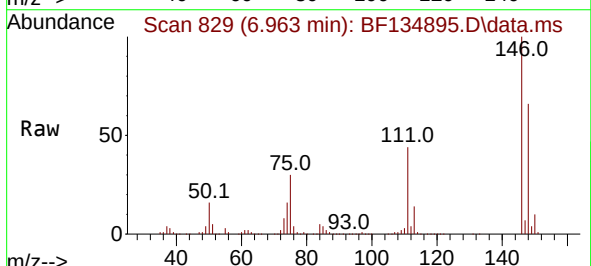
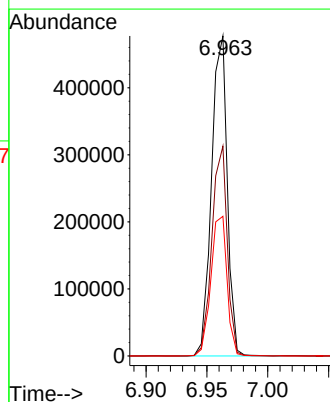
Tgt Ion:146 Resp: 428913

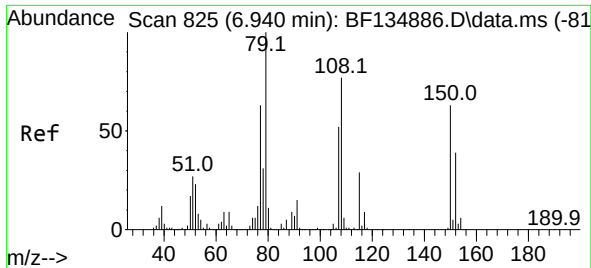
Ion Ratio Lower Upper

146 100

148 65.6 50.5 75.7

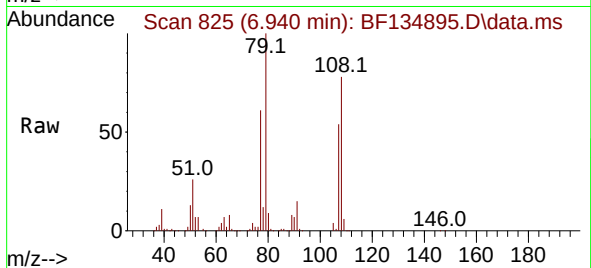
111 43.6 37.5 56.3





#15
Benzyl Alcohol
Concen: 50.505 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

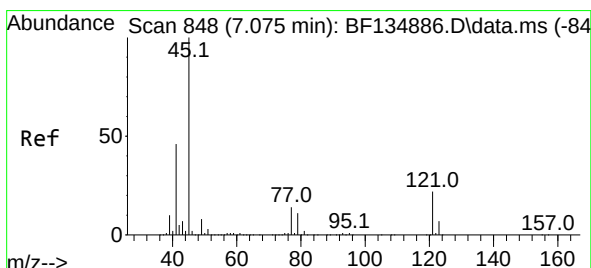
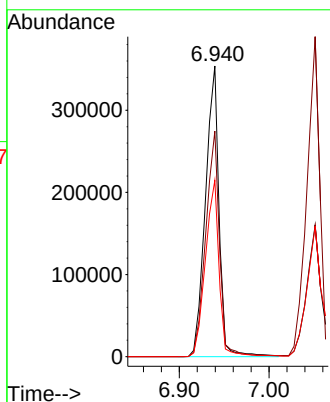
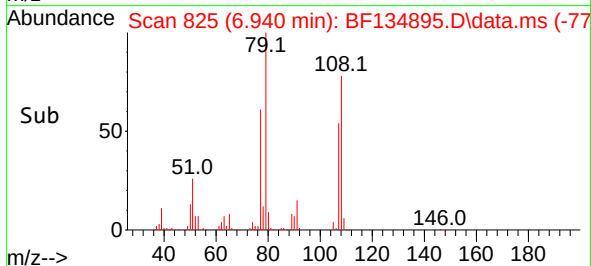
Instrument :
BNA_F
ClientSampleId :
PB154969BS



Tgt Ion: 79 Resp: 372862
Ion Ratio Lower Upper
79 100
108 77.6 61.4 92.2
77 60.7 50.1 75.1

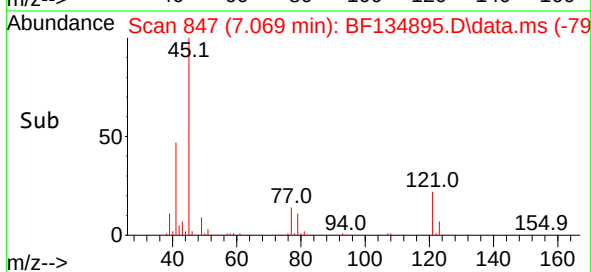
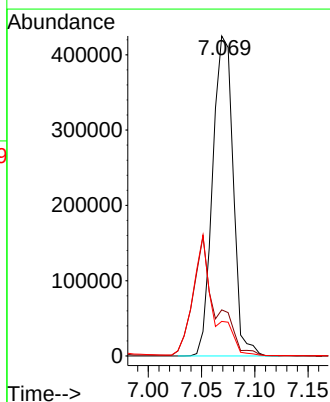
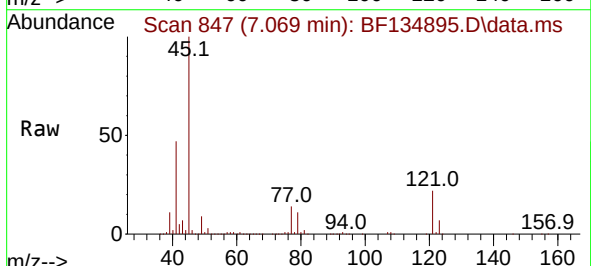
Manual Integrations
APPROVED

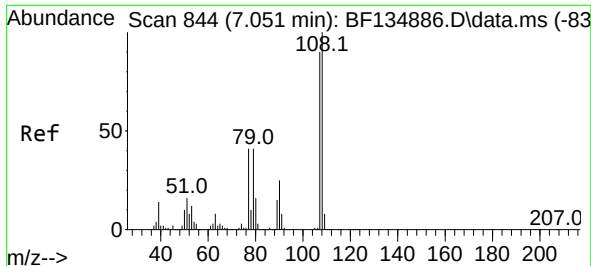
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.512 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

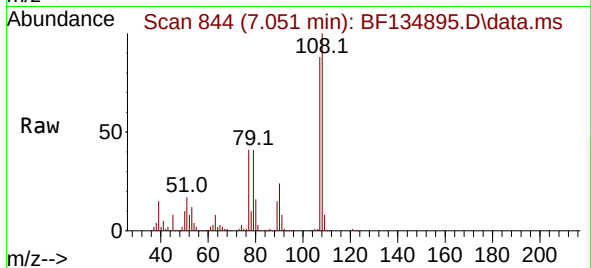
Tgt Ion: 45 Resp: 567745
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.9
79 10.8 0.0 31.1





#17
2-Methylphenol
Concen: 45.290 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

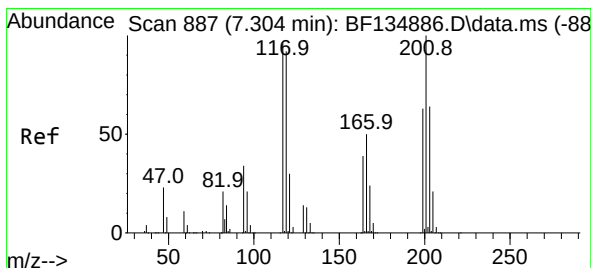
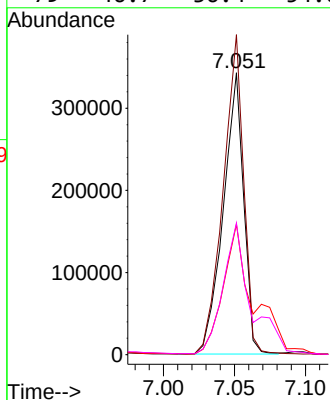
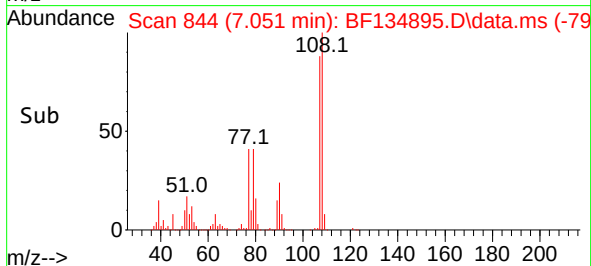
Instrument :
BNA_F
ClientSampleId :
PB154969BS



Tgt Ion:	107	Resp:	341998
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.0	133.6
77	46.3	36.5	54.7
79	46.7	36.4	54.6

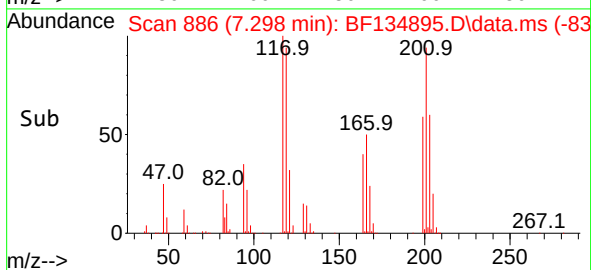
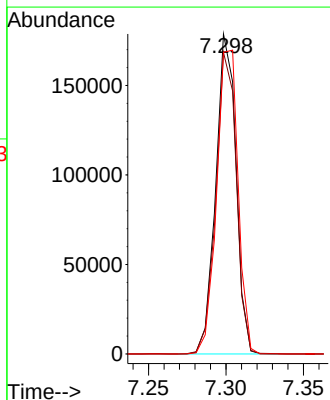
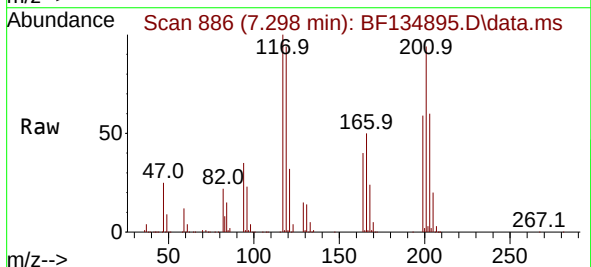
Manual Integrations
APPROVED

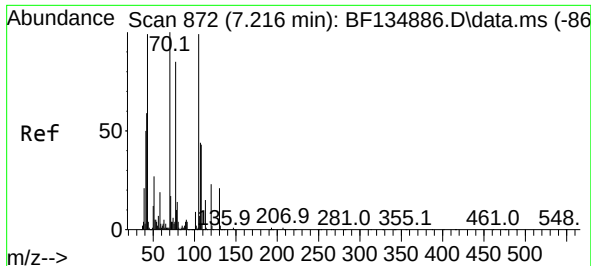
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#18
Hexachloroethane
Concen: 49.301 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:	117	Resp:	162518
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.6	114.8
201	94.3	83.4	125.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.955 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF134895.D

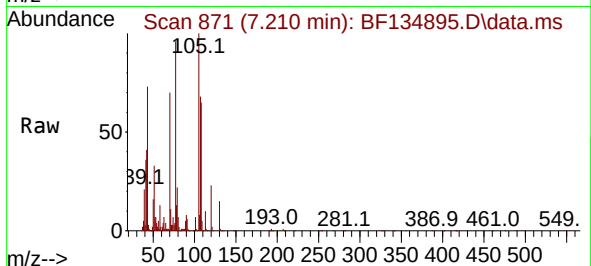
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS



Tgt Ion: 70 Resp: 27897

Ion Ratio Lower Upper

70 100

42 58.8 46.9 70.3

101 9.6 7.5 11.3

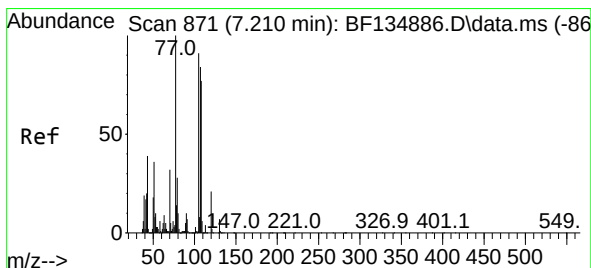
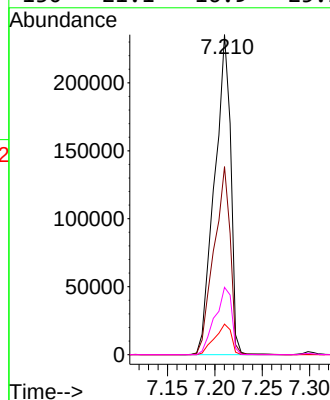
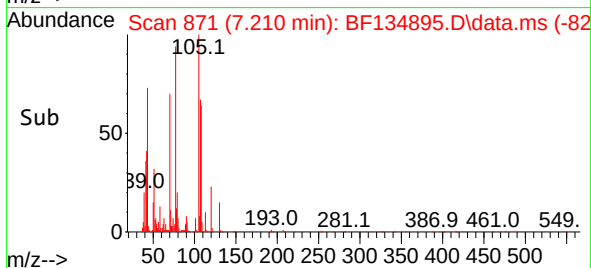
130 21.1 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#20

3+4-Methylphenols

Concen: 49.952 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Tgt Ion:107 Resp: 401057

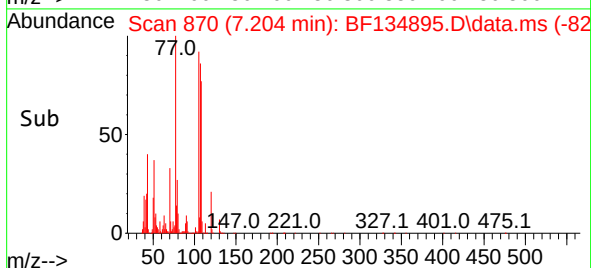
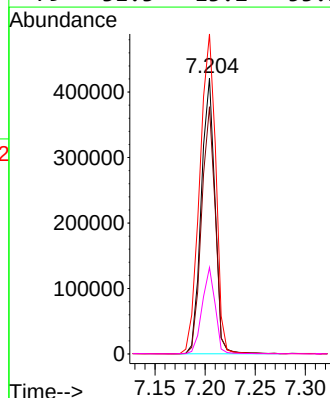
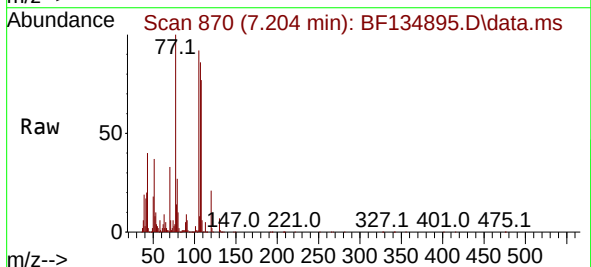
Ion Ratio Lower Upper

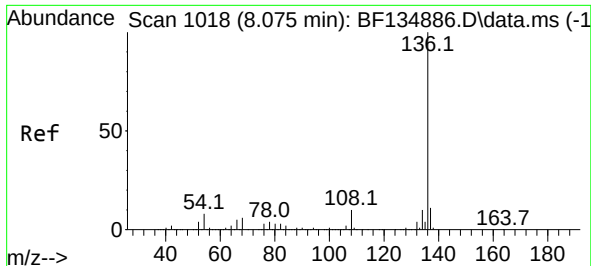
107 100

108 89.6 71.7 111.7

77 116.0 98.4 138.4

79 31.3 13.2 53.2





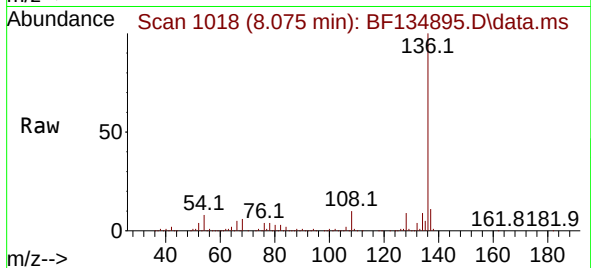
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

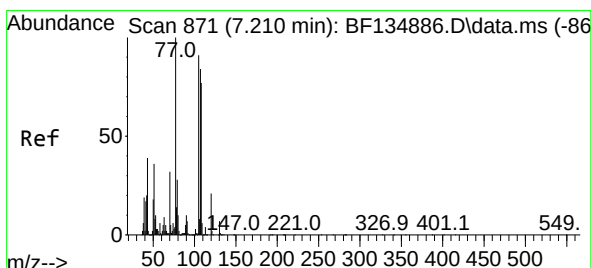
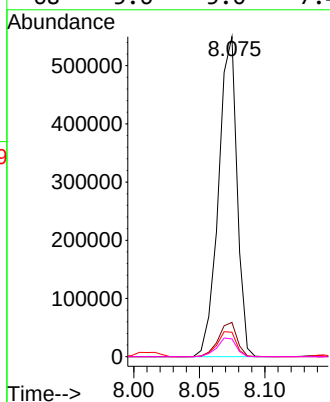
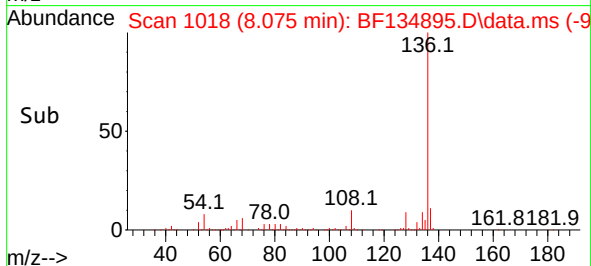


Tgt Ion:136 Resp: 539139
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.7 6.6 9.8
68 5.6 5.0 7.4

Manual Integrations

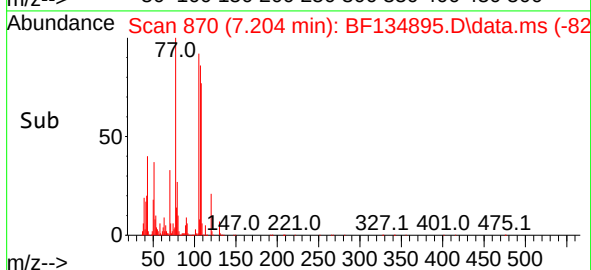
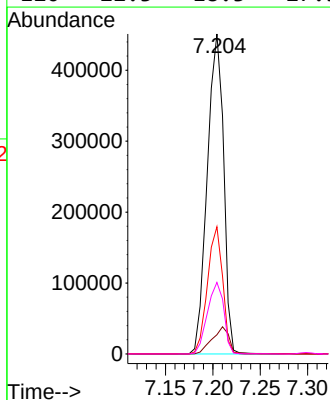
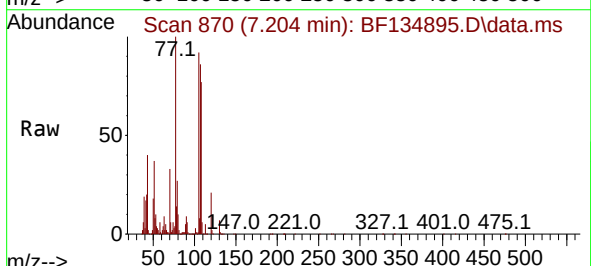
APPROVED

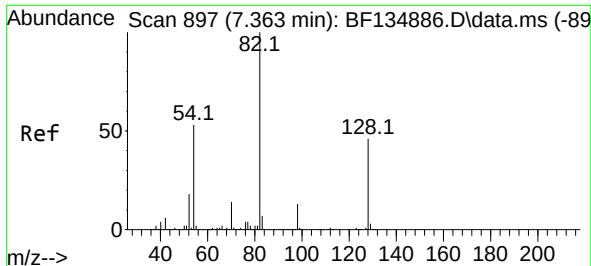
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#22
Acetophenone
Concen: 45.325 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:105 Resp: 540105
Ion Ratio Lower Upper
105 100
71 6.0 4.6 6.8
51 39.7 32.2 48.2
120 22.3 18.3 27.5





#23

Nitrobenzene-d5

Concen: 87.105 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134895.D

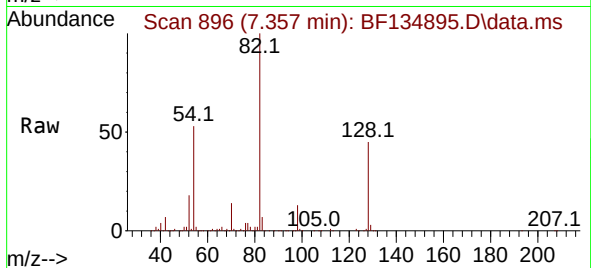
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

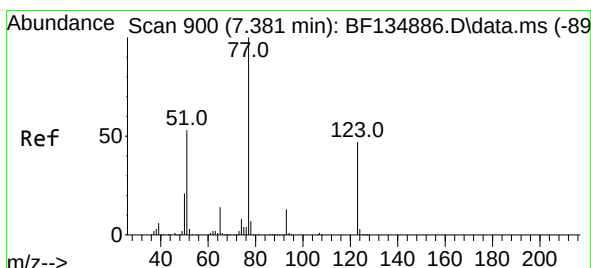
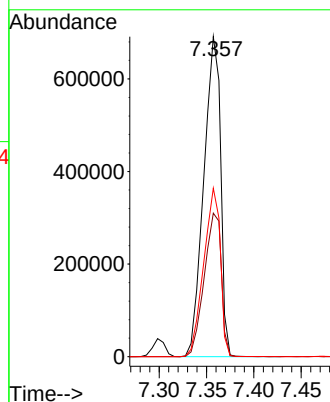
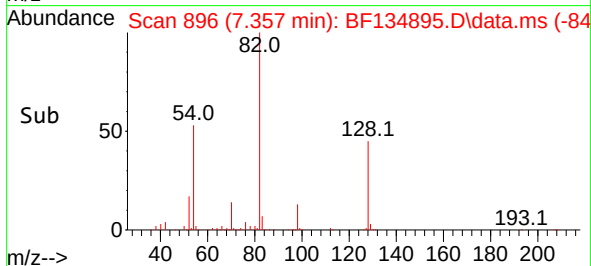
PB154969BS



Tgt Ion:	82	Resp:	85224
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.6	54.8
54	52.7	42.6	63.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#24

Nitrobenzene

Concen: 44.737 ng

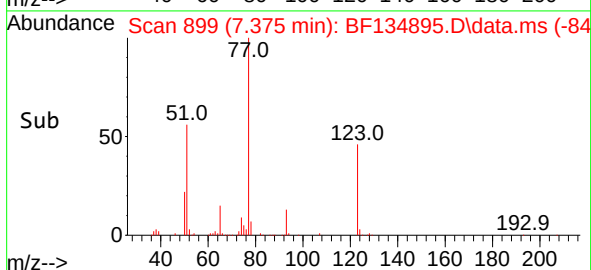
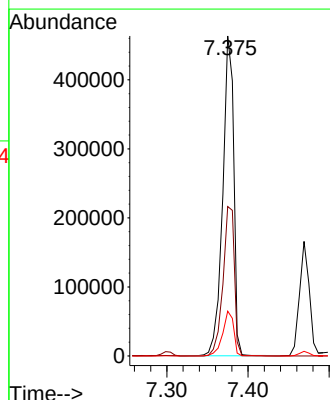
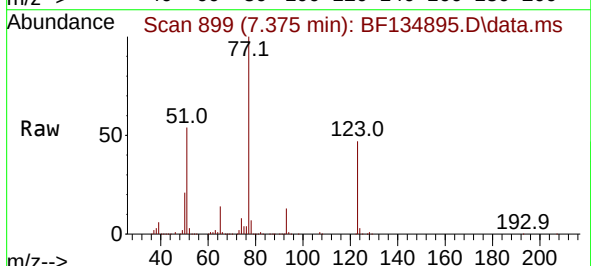
RT: 7.375 min Scan# 899

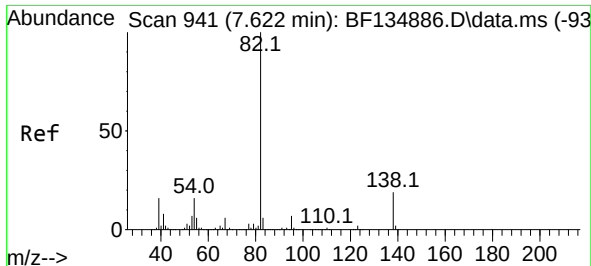
Delta R.T. -0.006 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

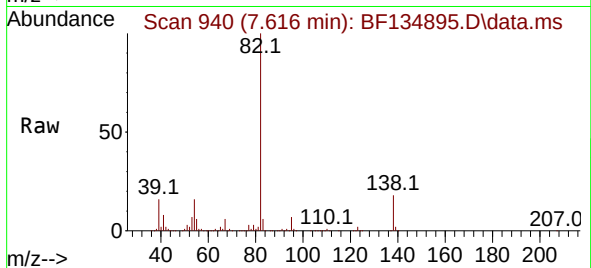
Tgt Ion:	77	Resp:	439216
Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.9	56.9
65	14.0	11.1	16.7





#25
Isophorone
Concen: 43.451 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

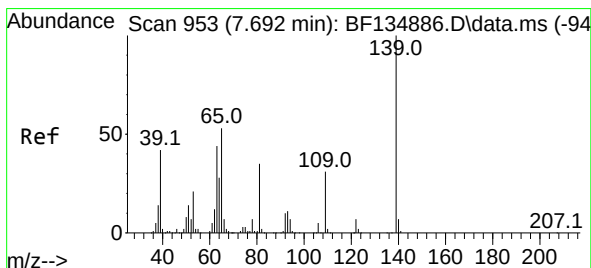
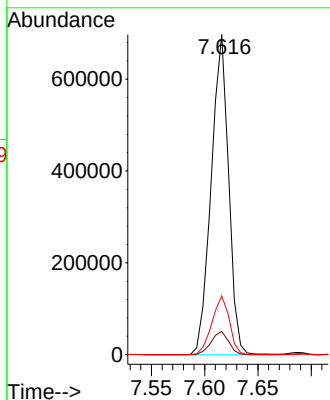
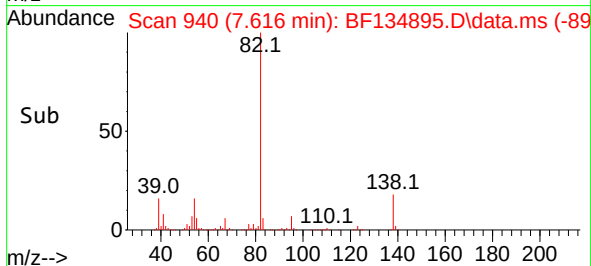
Instrument :
BNA_F
ClientSampleId :
PB154969BS



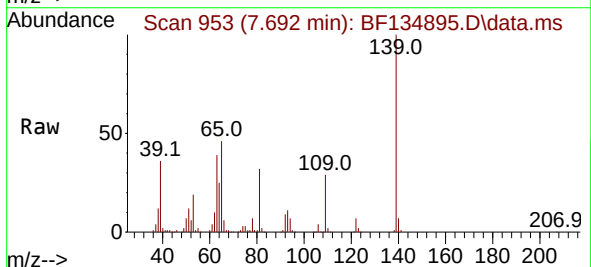
Tgt Ion: 82 Resp: 79383
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.3 14.9 22.3

Manual Integrations
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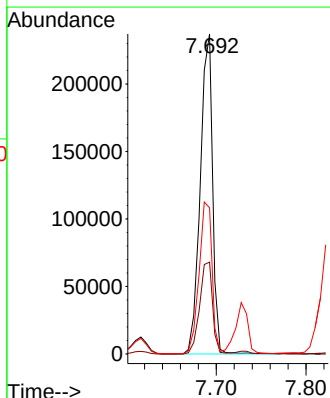
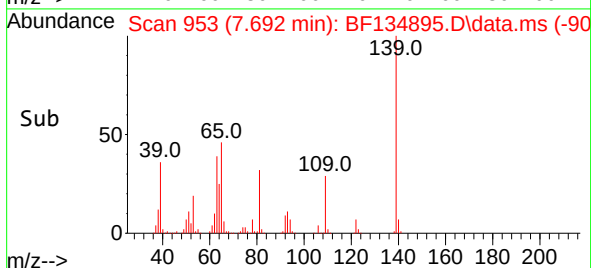
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

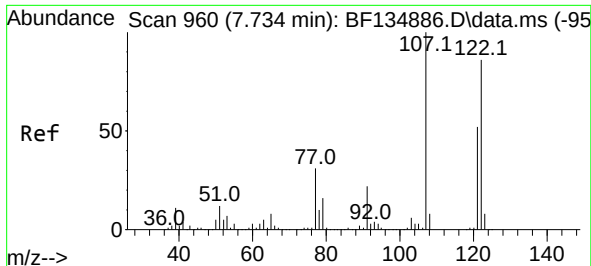


#26
2-Nitrophenol
Concen: 46.306 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:139 Resp: 226329
Ion Ratio Lower Upper
139 100
109 28.7 24.5 36.7
65 45.7 42.4 63.6





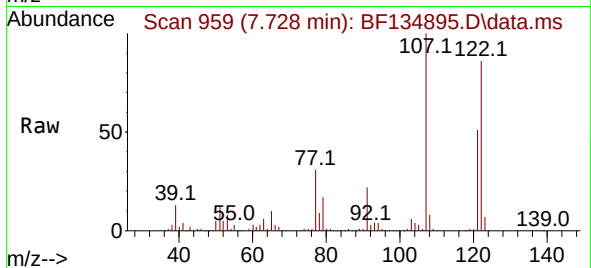
#27
2,4-Dimethylphenol
Concen: 44.019 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

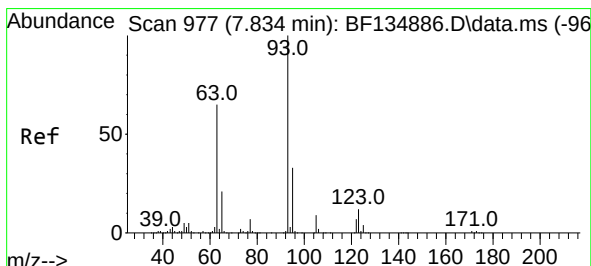
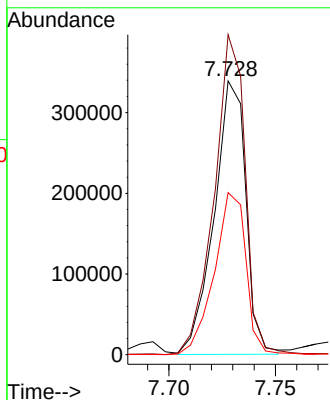
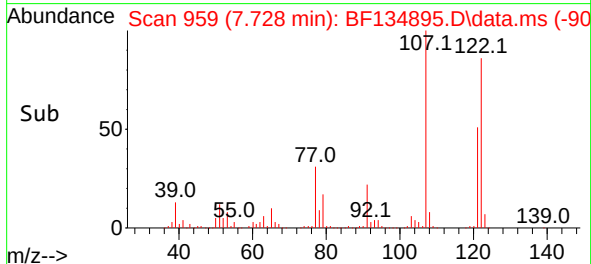


Tgt Ion:122 Resp: 350915
Ion Ratio Lower Upper
122 100
107 116.9 92.9 139.3
121 59.2 48.4 72.6

Manual Integrations

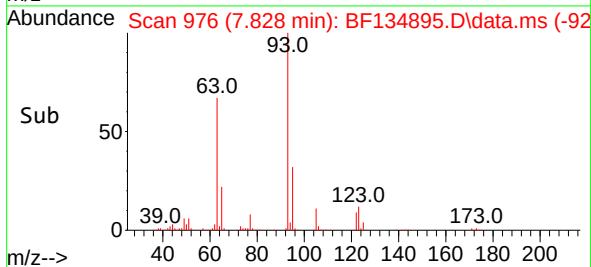
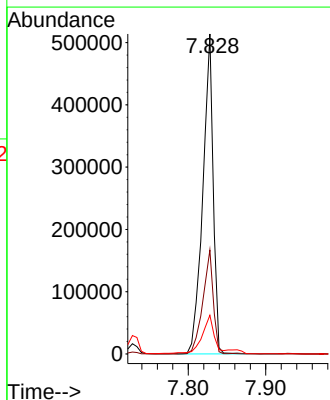
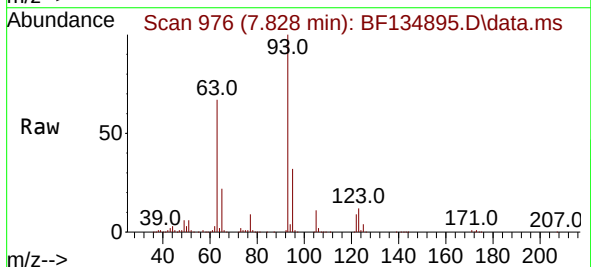
APPROVED

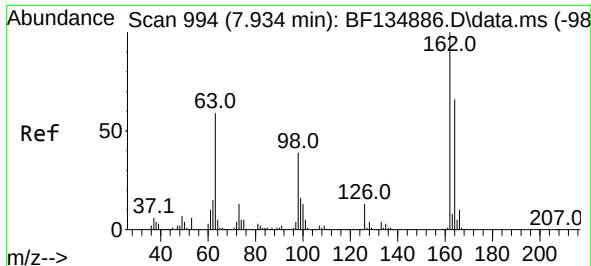
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.009 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion: 93 Resp: 479215
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 46.003 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

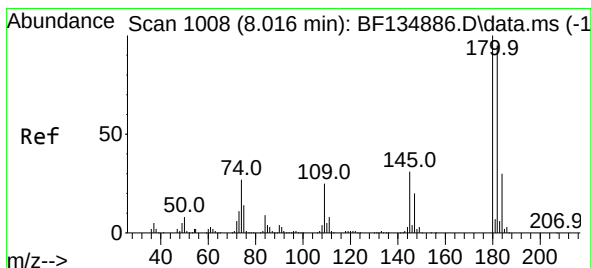
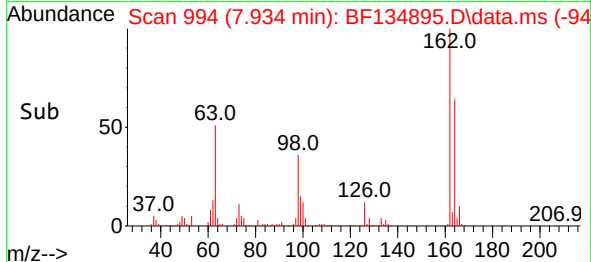
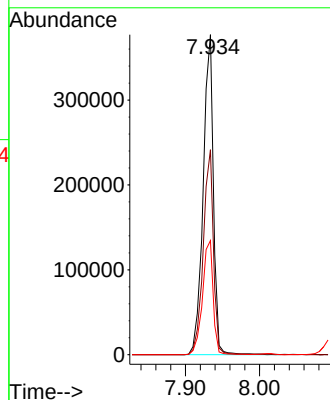
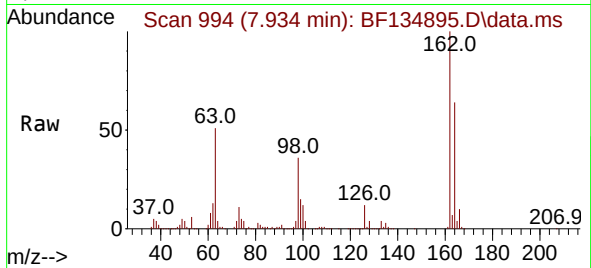
PB154969BS

Tgt Ion:162 Resp: 362350
 Ion Ratio Lower Upper
 162 100
 164 64.0 45.6 85.6
 98 35.7 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.127 ng

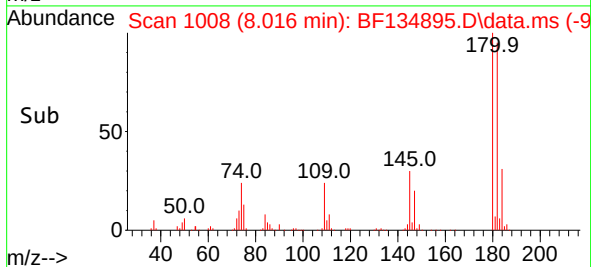
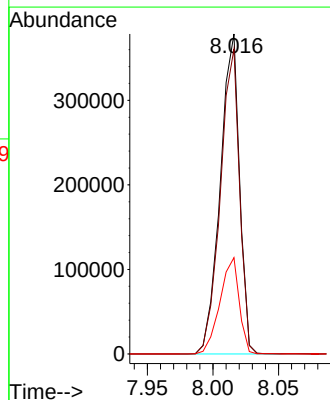
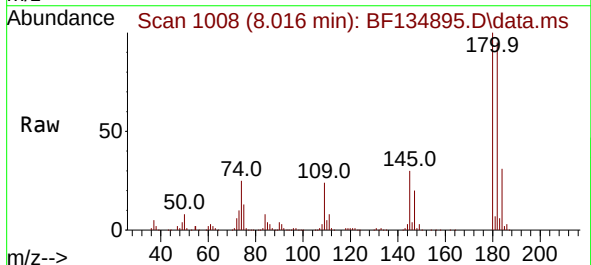
RT: 8.016 min Scan# 1008

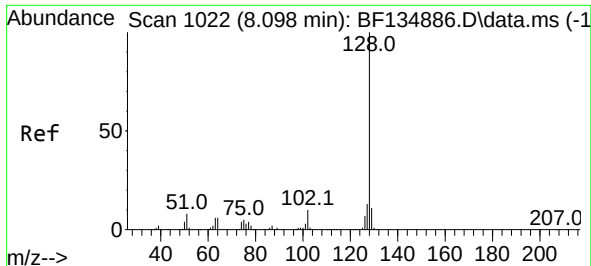
Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Tgt Ion:180 Resp: 385729
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 30.1 24.6 37.0





#31
Naphthalene
Concen: 44.907 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

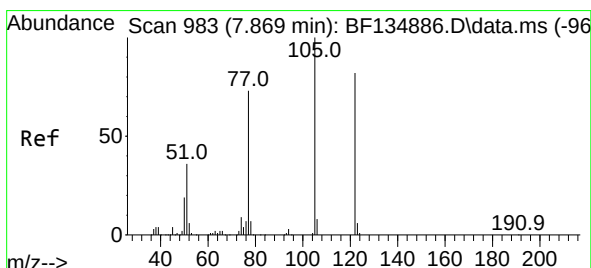
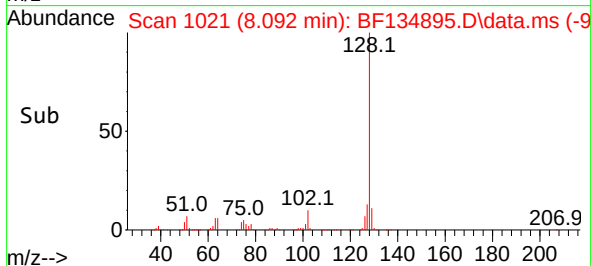
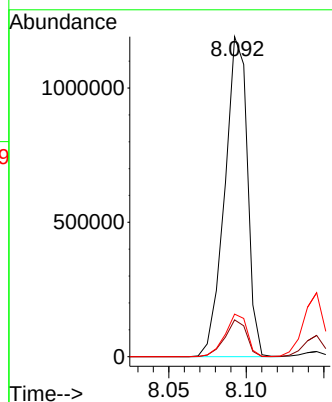
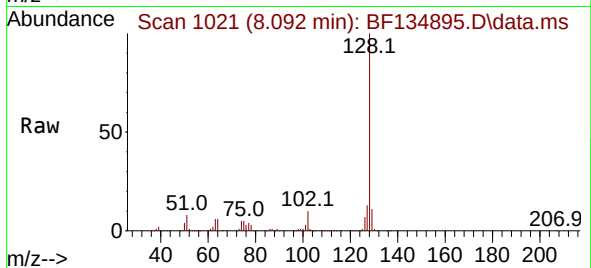
PB154969BS

Tgt Ion:128 Resp: 120892
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations

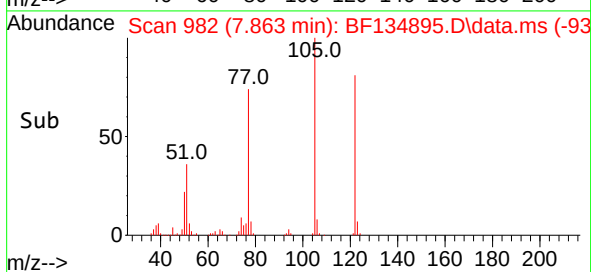
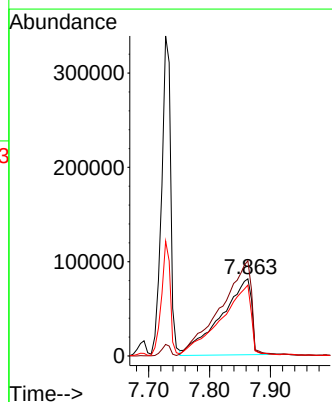
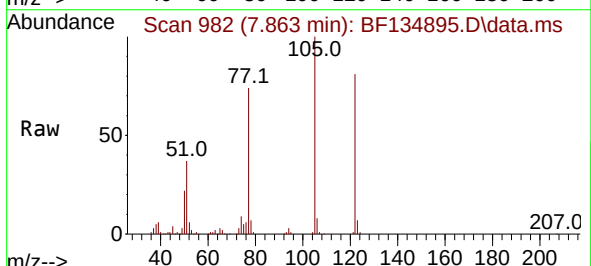
APPROVED

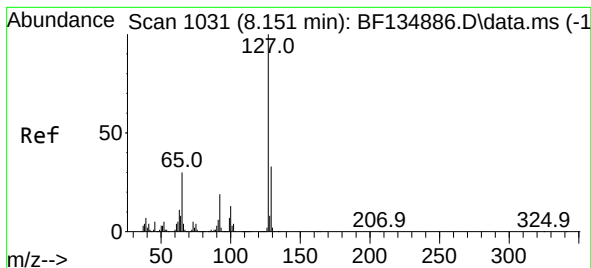
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#32
Benzoic acid
Concen: 48.160 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:122 Resp: 283338
Ion Ratio Lower Upper
122 100
105 123.5 98.6 138.6
77 91.8 68.6 108.6





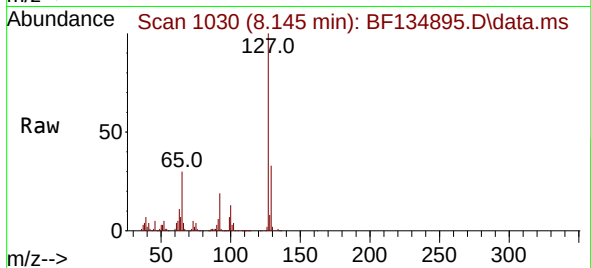
#33
4-Chloroaniline
Concen: 20.195 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

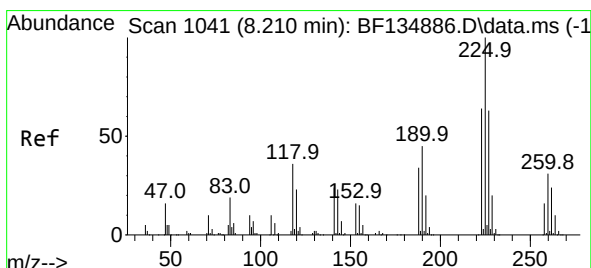
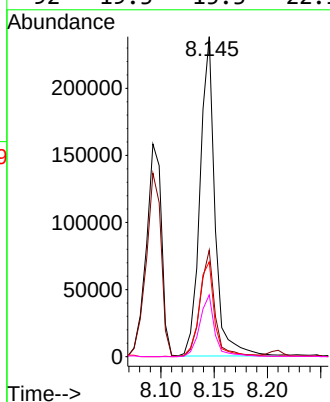
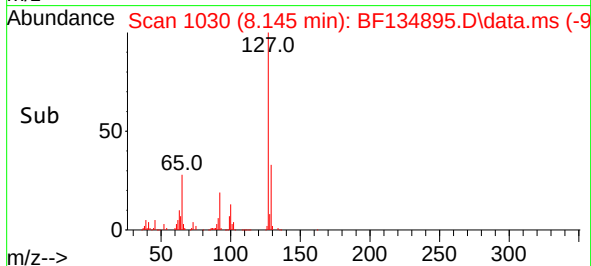


Tgt Ion:127 Resp: 233269
Ion Ratio Lower Upper
127 100
129 33.3 26.4 39.6
65 29.7 23.8 35.8
92 19.3 15.3 22.9

Manual Integrations

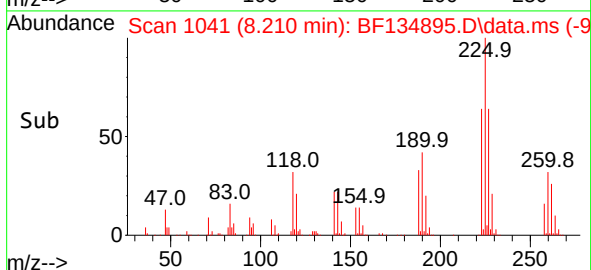
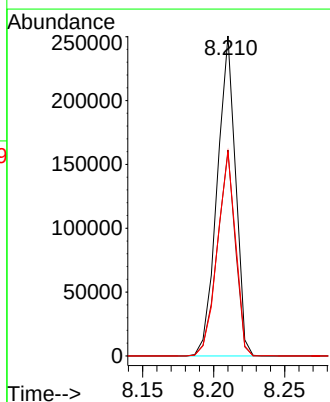
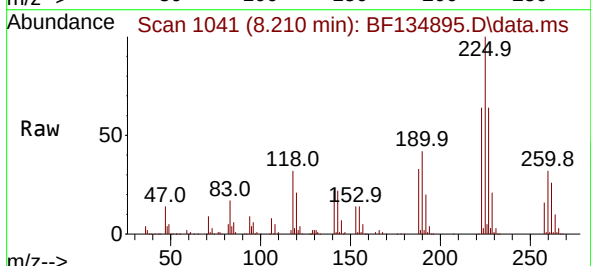
APPROVED

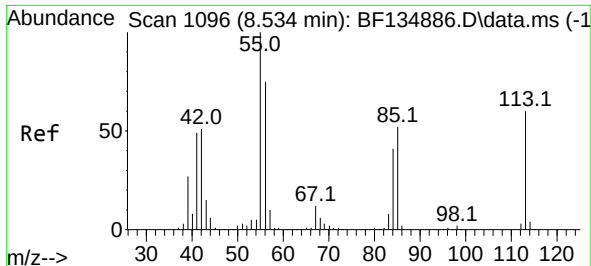
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#34
Hexachlorobutadiene
Concen: 45.313 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:225 Resp: 225360
Ion Ratio Lower Upper
225 100
223 64.3 51.1 76.7
227 63.6 50.1 75.1





#35
Caprolactam
Concen: 48.618 ng m
RT: 8.522 min Scan# 1094
Delta R.T. -0.012 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

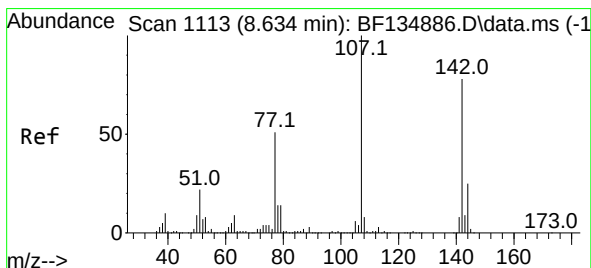
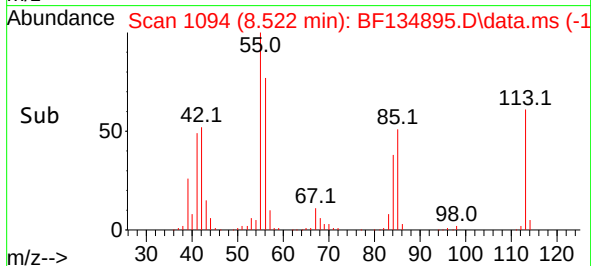
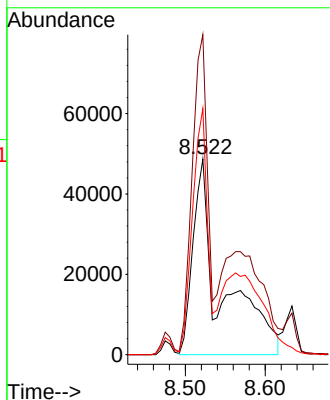
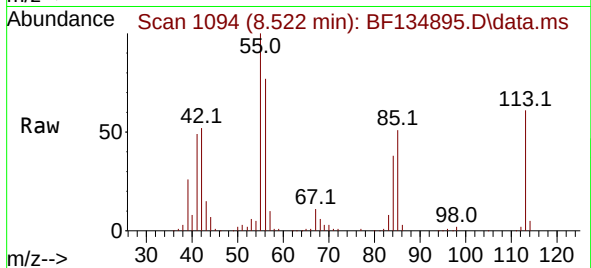
ClientSampleId :

PB154969BS

Tgt Ion:113 Resp: 11954
Ion Ratio Lower Upper
113 100
55 163.5 147.2 187.2
56 125.7 106.0 146.0

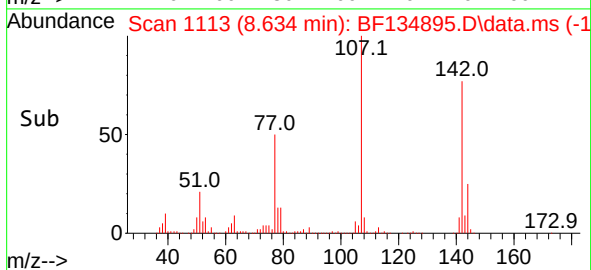
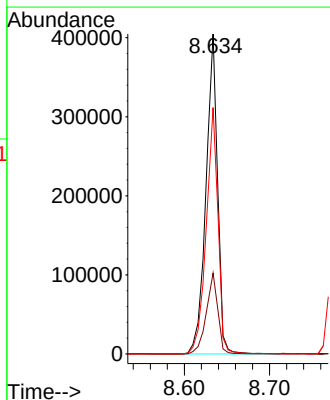
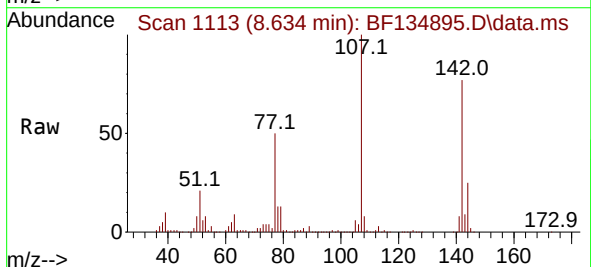
Manual Integrations
APPROVED

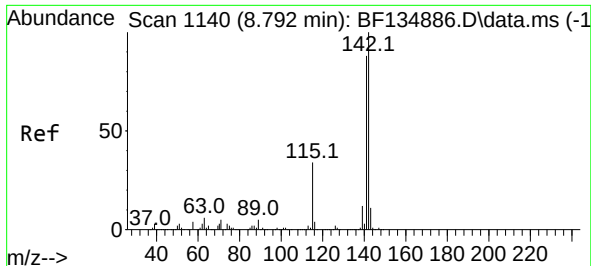
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#36
4-Chloro-3-methylphenol
Concen: 46.252 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:107 Resp: 384449
Ion Ratio Lower Upper
107 100
144 25.3 20.2 30.2
142 77.0 62.5 93.7





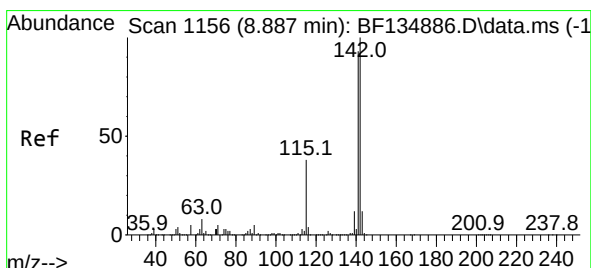
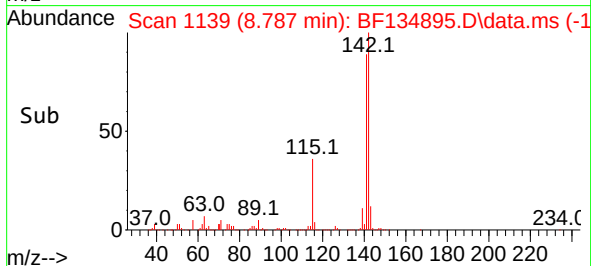
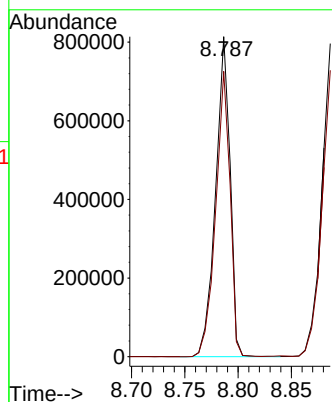
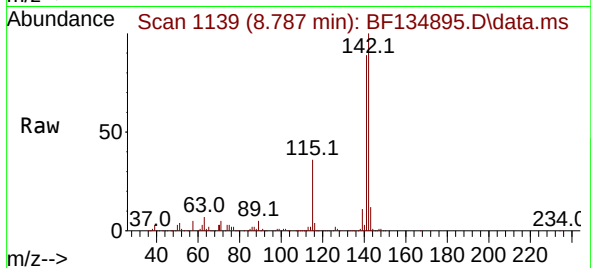
#37
2-Methylnaphthalene
Concen: 42.663 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB154969BS

Tgt Ion:142 Resp: 765933
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.2

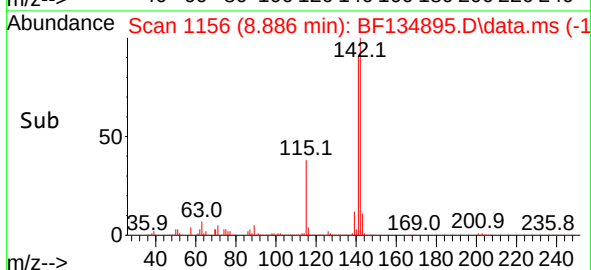
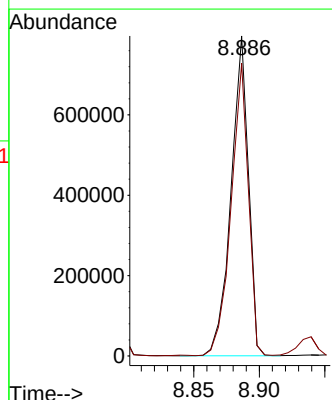
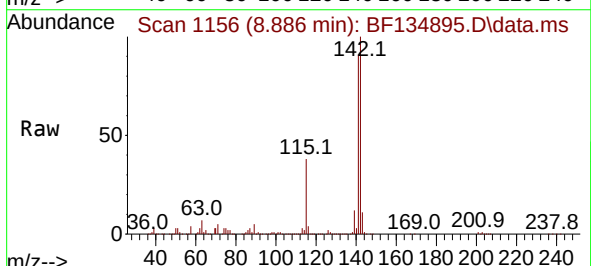
Manual Integrations
APPROVED

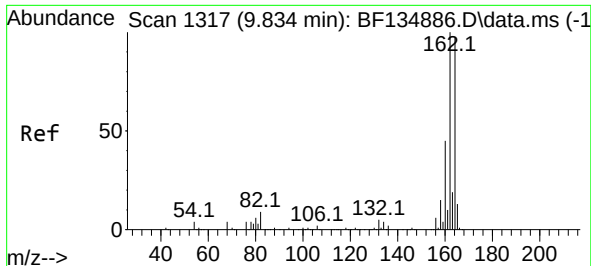
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#38
1-Methylnaphthalene
Concen: 43.713 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:142 Resp: 733828
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1





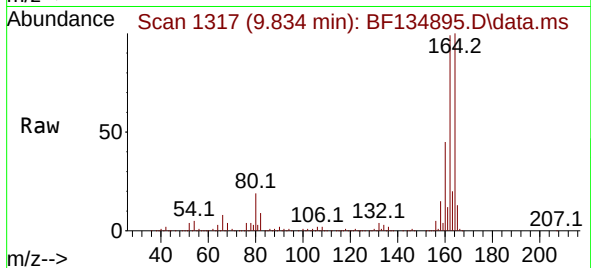
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

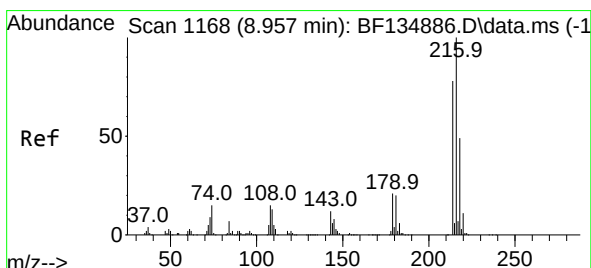
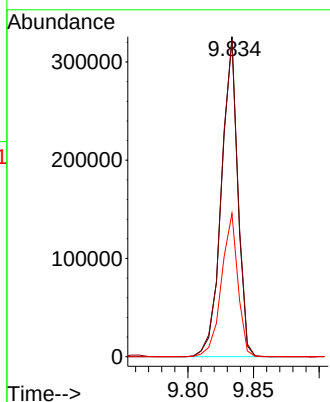
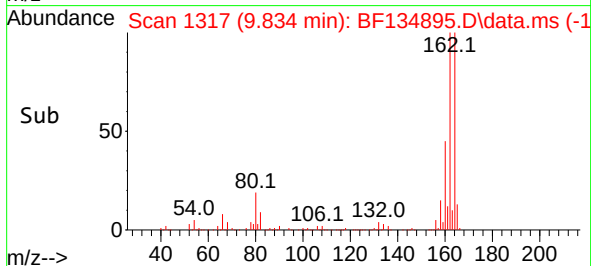


Tgt Ion:164 Resp: 279350
Ion Ratio Lower Upper
164 100
162 98.8 82.6 123.8
160 44.8 37.0 55.4

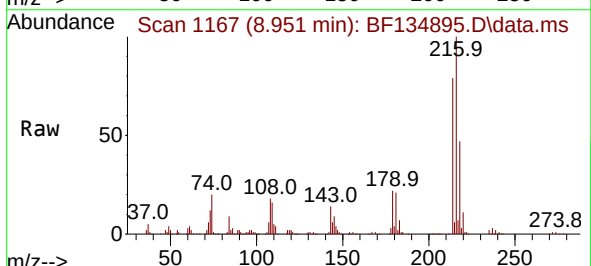
Manual Integrations

APPROVED

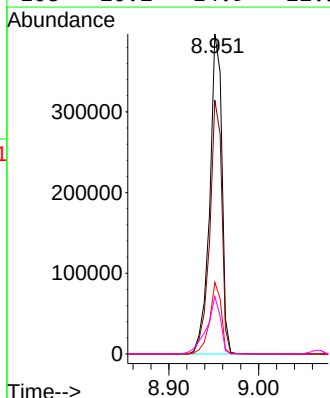
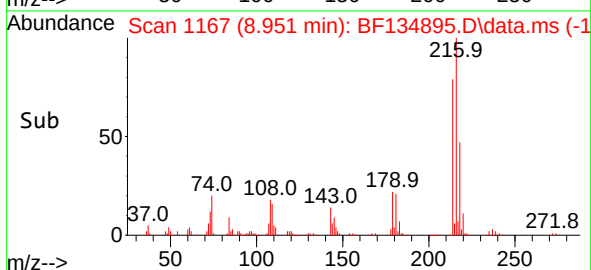
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

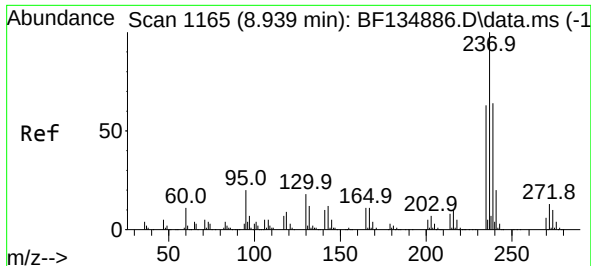


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.902 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



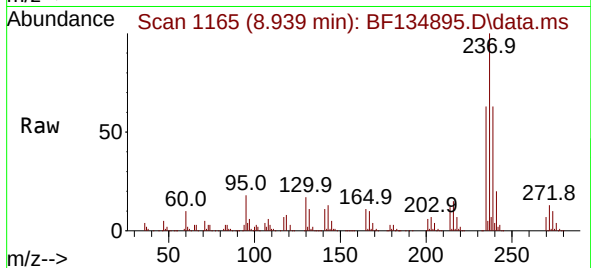
Tgt Ion:216 Resp: 373701
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 21.3 17.3 25.9
108 20.2 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 106.370 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

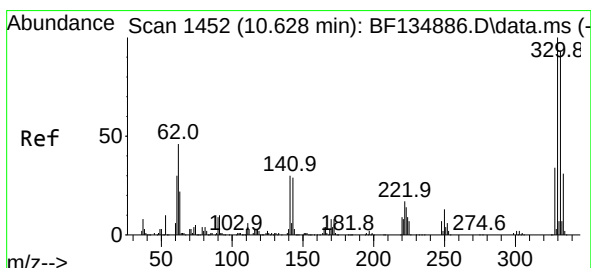
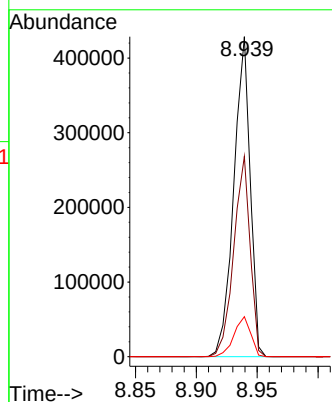
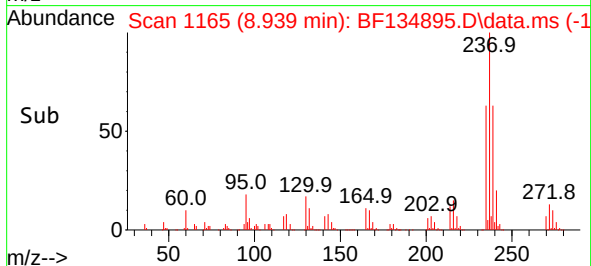
Instrument :
BNA_F
ClientSampleId :
PB154969BS



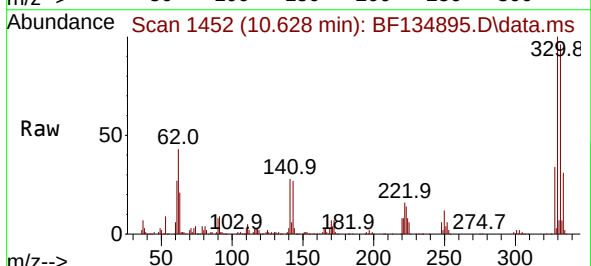
Tgt Ion:237 Resp: 400874
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 12.5 0.0 32.6

Manual Integrations
APPROVED

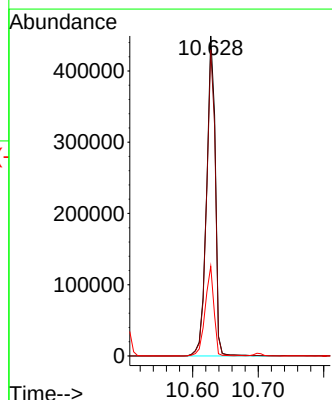
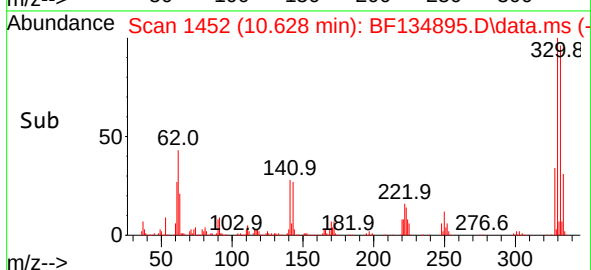
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

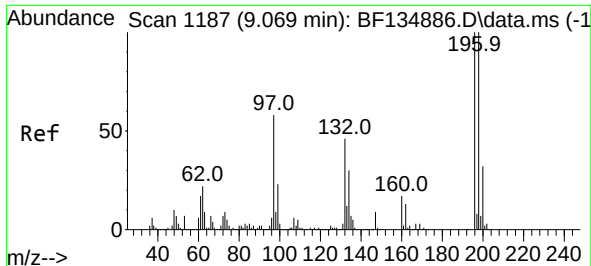


#42
2,4,6-Tribromophenol
Concen: 126.853 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:330 Resp: 417353
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 28.2 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 45.693 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

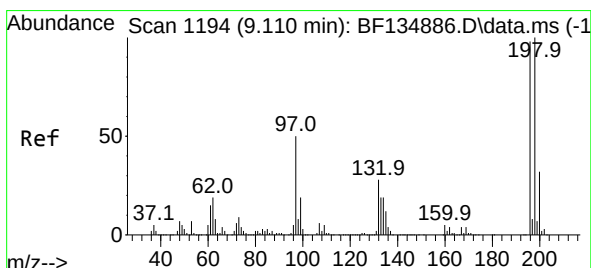
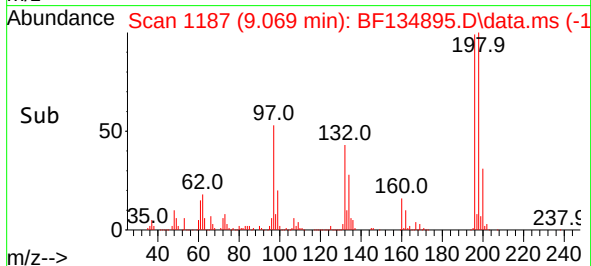
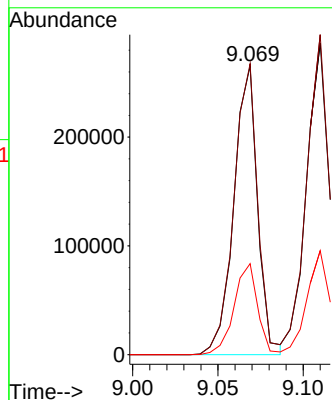
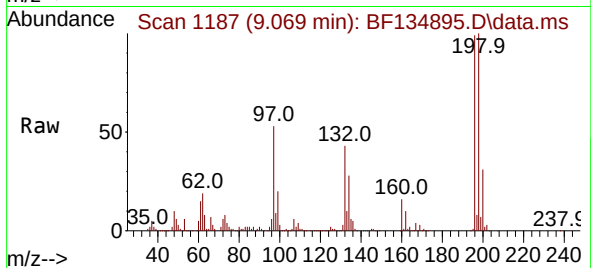
PB154969BS

Tgt Ion:196 Resp: 256870
Ion Ratio Lower Upper
196 100
198 100.8 79.8 119.6
200 31.5 25.8 38.6

Manual Integrations

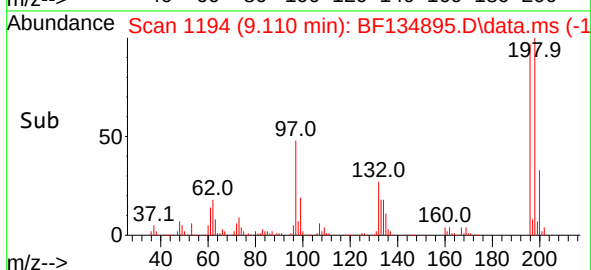
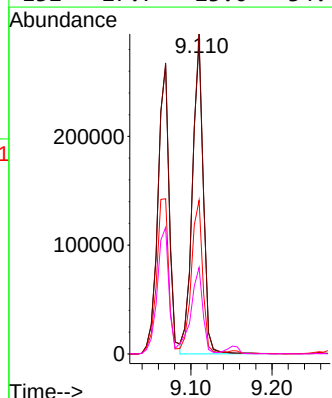
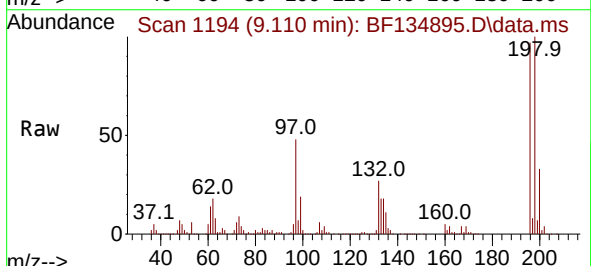
APPROVED

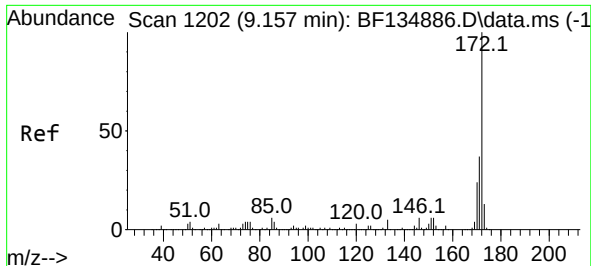
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#44
2,4,5-Trichlorophenol
Concen: 41.567 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:196 Resp: 270543
Ion Ratio Lower Upper
196 100
198 102.7 81.8 122.6
97 49.3 41.3 61.9
132 27.7 23.0 34.4





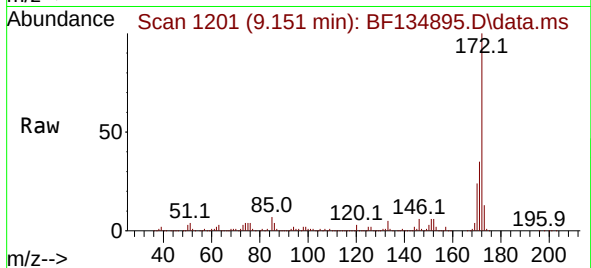
#45
2-Fluorobiphenyl
Concen: 83.987 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

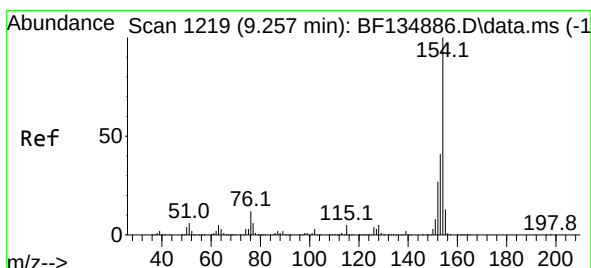
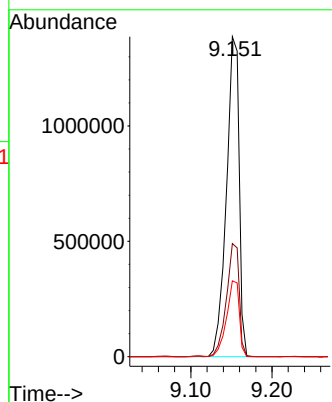
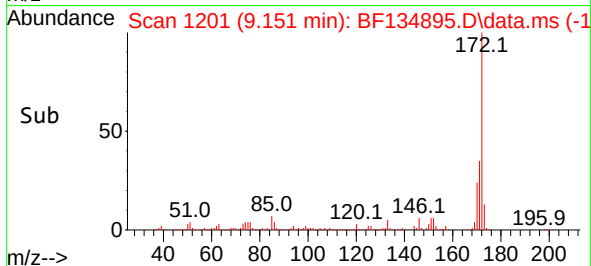


Tgt Ion:172 Resp: 151768
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.7 19.6 29.4

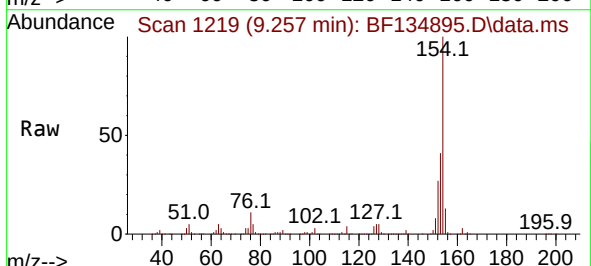
Manual Integrations

APPROVED

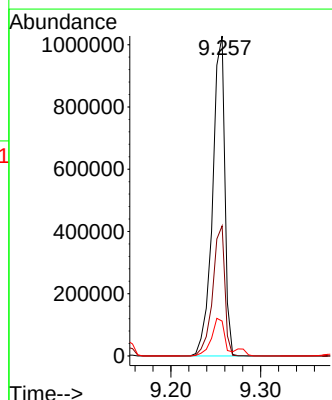
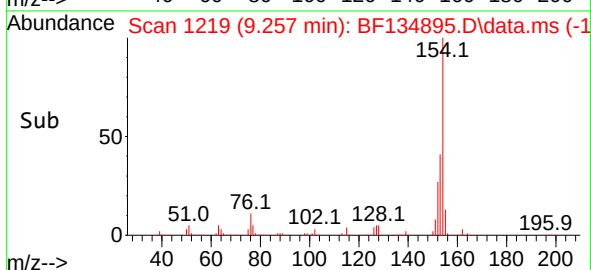
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

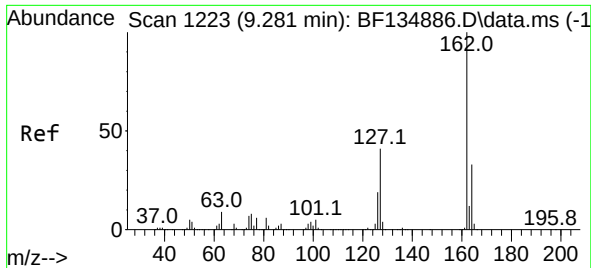


#46
1,1'-Biphenyl
Concen: 44.155 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:154 Resp: 973791
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 10.9 0.0 31.8





#47
2-Chloronaphthalene
Concen: 44.775 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

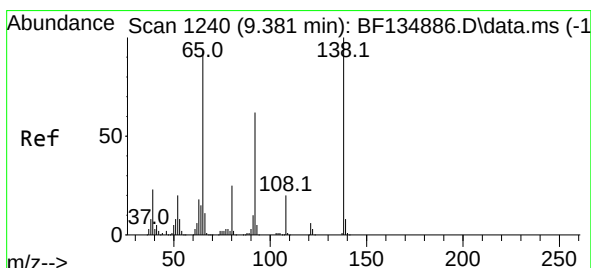
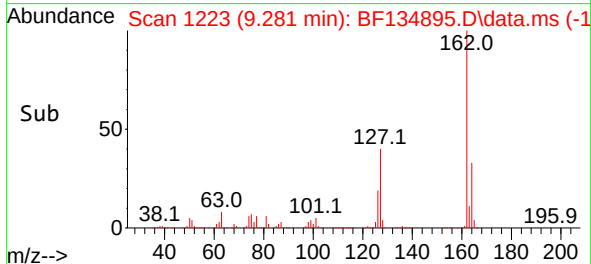
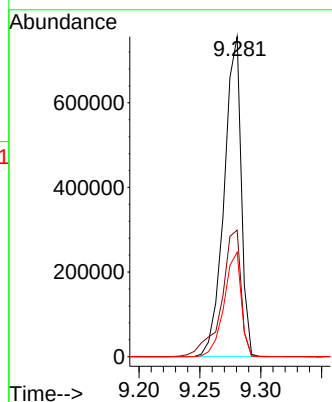
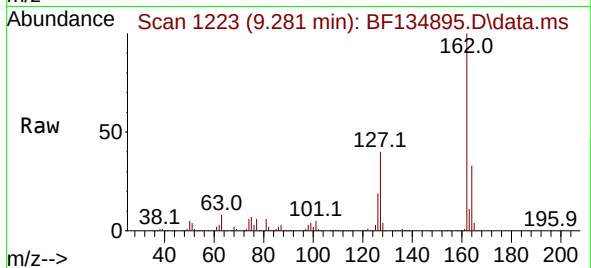
ClientSampleId :

PB154969BS

Tgt Ion:162 Resp: 73745
Ion Ratio Lower Upper
162 100
127 39.5 33.4 50.0
164 32.6 26.6 39.8

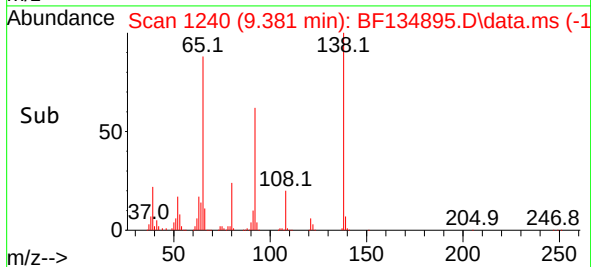
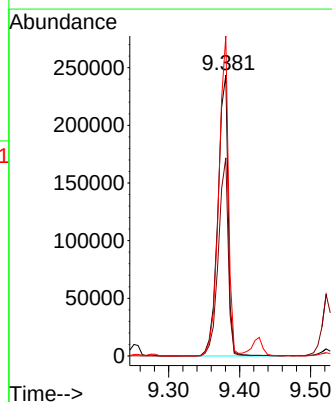
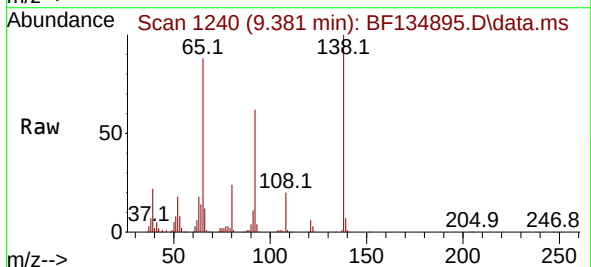
Manual Integrations
APPROVED

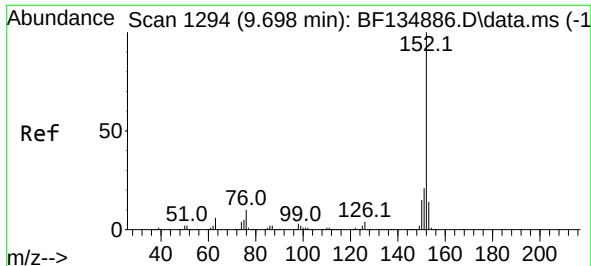
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#48
2-Nitroaniline
Concen: 45.005 ng
RT: 9.381 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion: 65 Resp: 243661
Ion Ratio Lower Upper
65 100
92 70.5 53.8 80.8
138 113.9 86.5 129.7





#49

Acenaphthylene

Concen: 45.296 ng

RT: 9.692 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

Tgt Ion:152 Resp: 114888

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

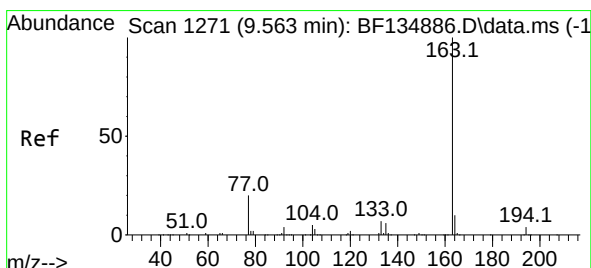
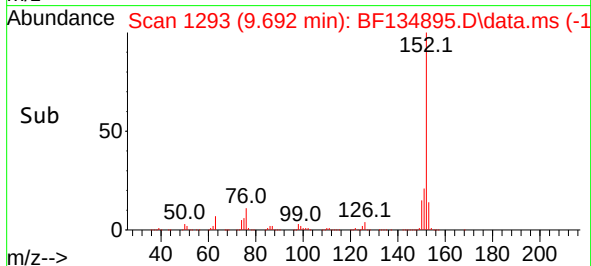
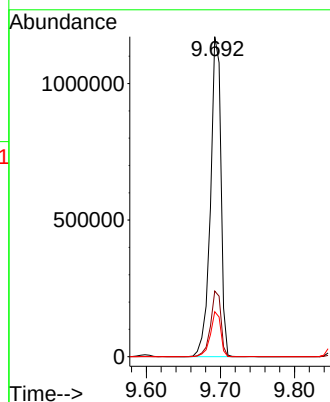
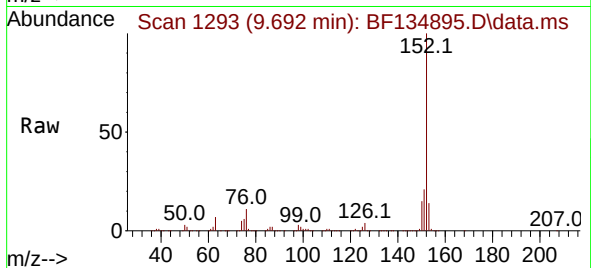
153 14.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#50

Dimethylphthalate

Concen: 43.710 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

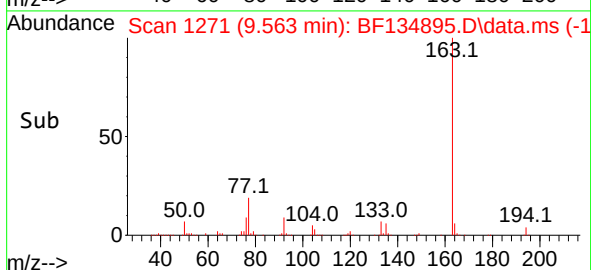
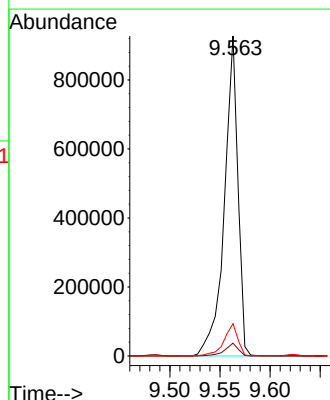
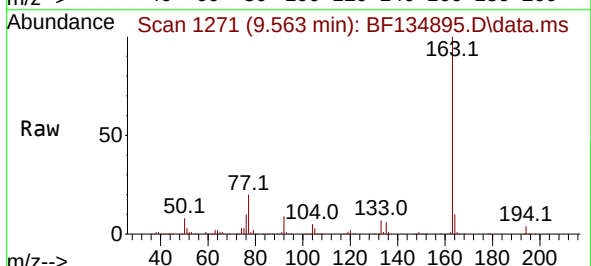
Tgt Ion:163 Resp: 869159

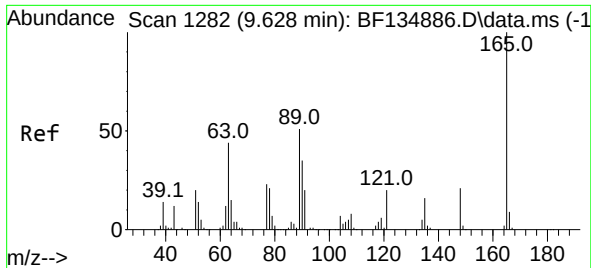
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.447 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

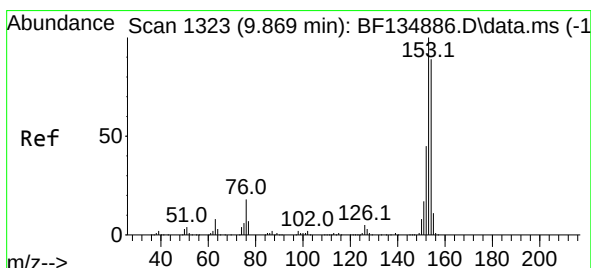
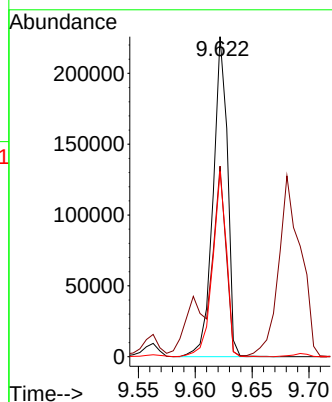
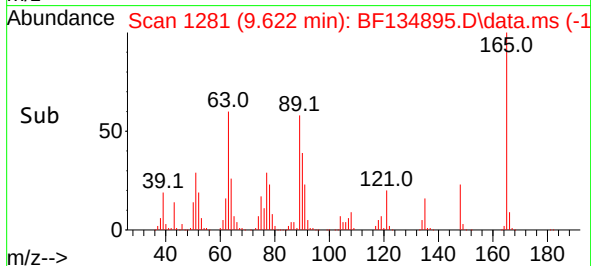
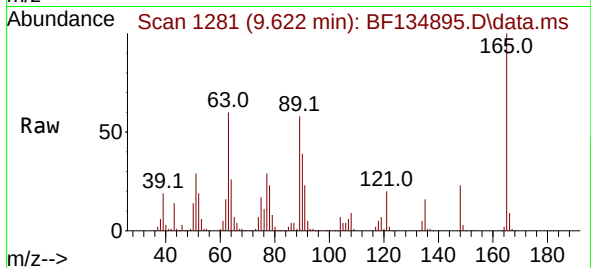
PB154969BS

Tgt Ion:165 Resp: 199310
Ion Ratio Lower Upper
165 100
63 59.6 41.4 62.2
89 57.9 40.9 61.3

Manual Integrations

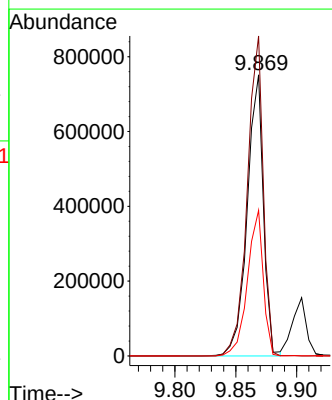
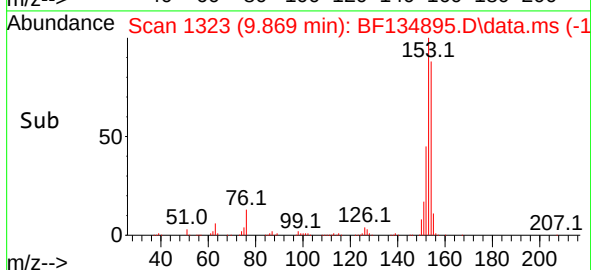
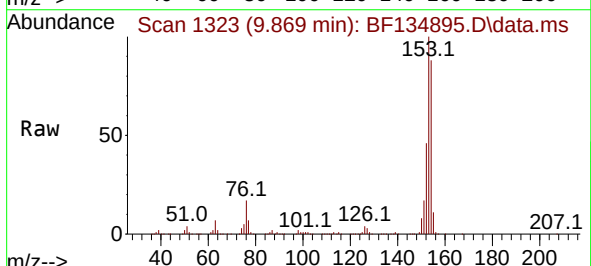
APPROVED

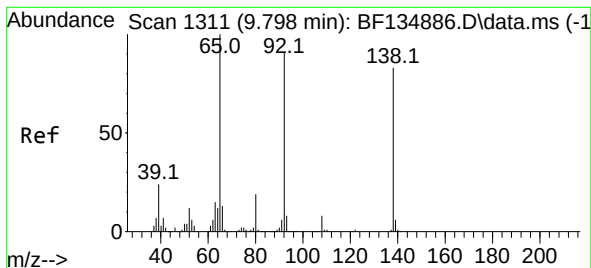
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#52
Acenaphthene
Concen: 43.620 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:154 Resp: 696992
Ion Ratio Lower Upper
154 100
153 113.8 89.6 134.4
152 51.8 40.5 60.7





#53
3-Nitroaniline
Concen: 30.548 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

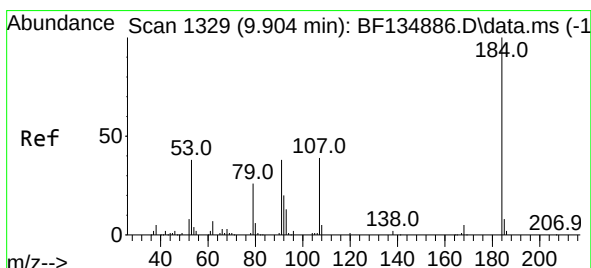
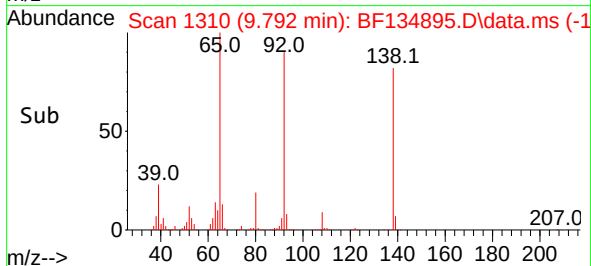
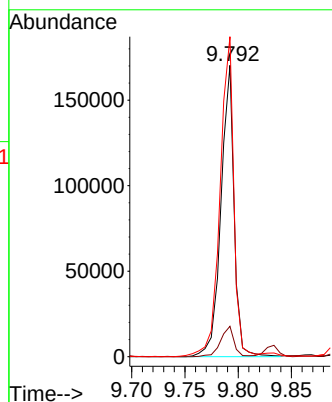
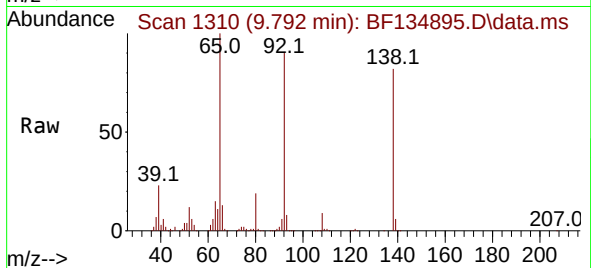
PB154969BS

Tgt Ion:138 Resp: 146330
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 109.8 87.6 131.4

Manual Integrations

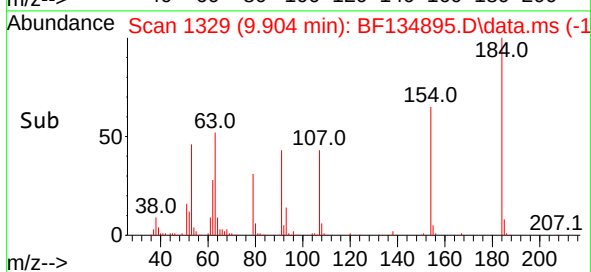
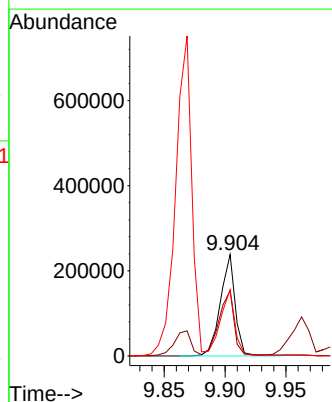
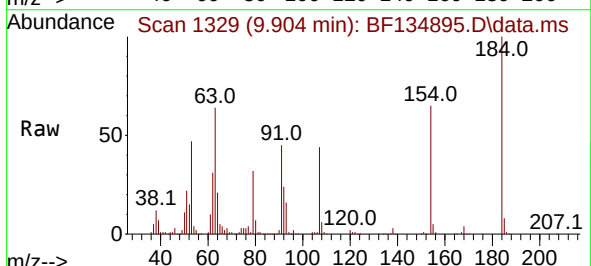
APPROVED

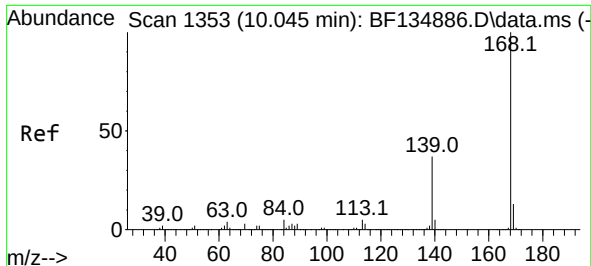
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#54
2,4-Dinitrophenol
Concen: 98.295 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:184 Resp: 203970
Ion Ratio Lower Upper
184 100
63 64.3 42.8 64.2#
154 65.3 48.0 72.0





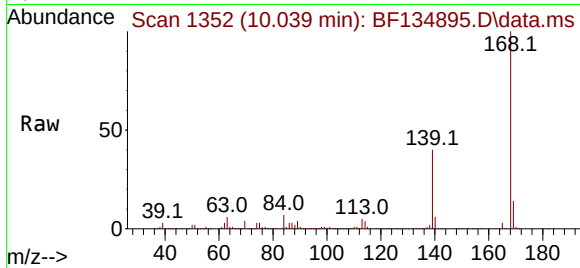
#55
Dibenzenofuran
Concen: 43.600 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS



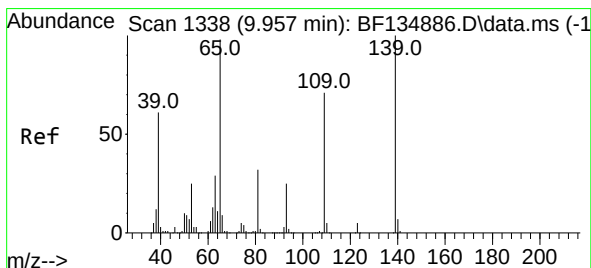
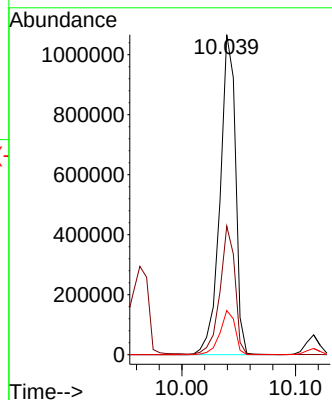
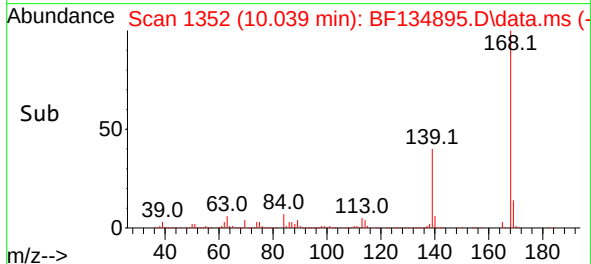
Tgt Ion:168 Resp: 101430
Ion Ratio Lower Upper
168 100
139 40.2 29.5 44.3
169 13.8 10.7 16.1

Manual Integrations

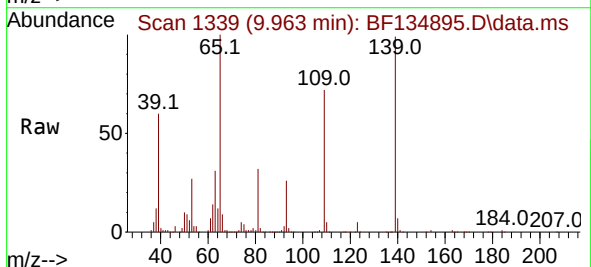
APPROVED

Reviewed By :Yogesh Patel 08/24/2023

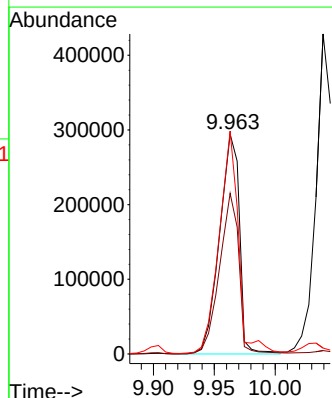
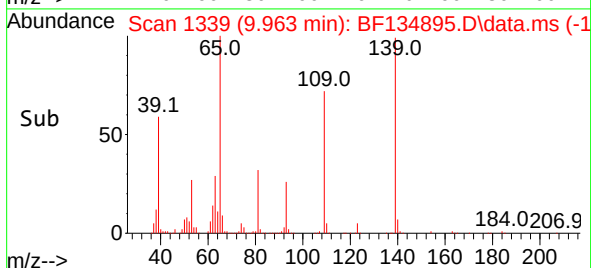
Supervised By :mohammad ahmed 08/24/2023

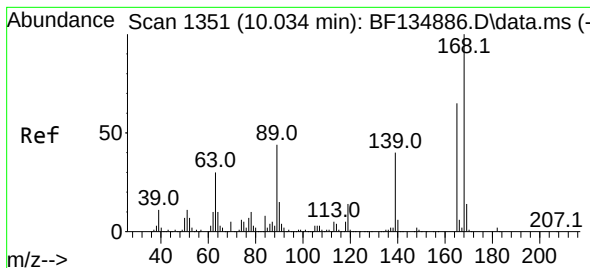


#56
4-Nitrophenol
Concen: 100.318 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:139 Resp: 334881
Ion Ratio Lower Upper
139 100
109 73.1 51.0 91.0
65 101.4 78.5 118.5





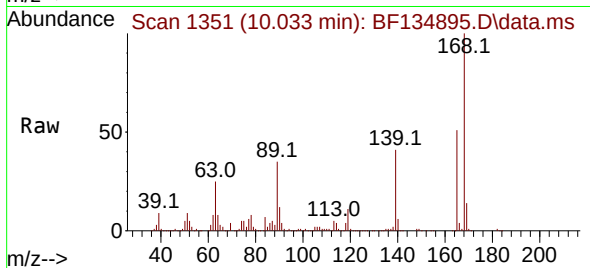
#57
2,4-Dinitrotoluene
Concen: 47.572 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

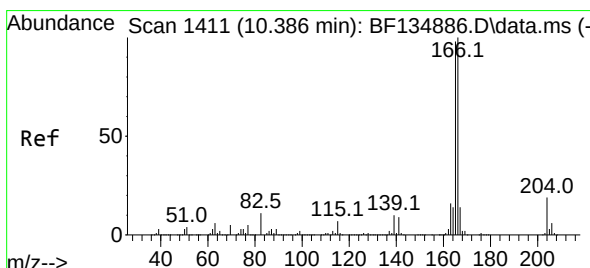
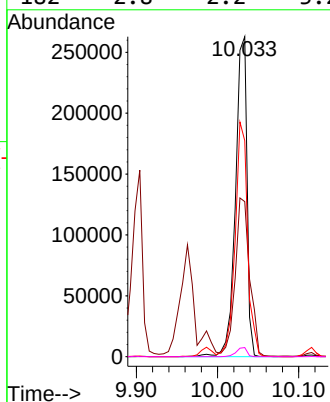
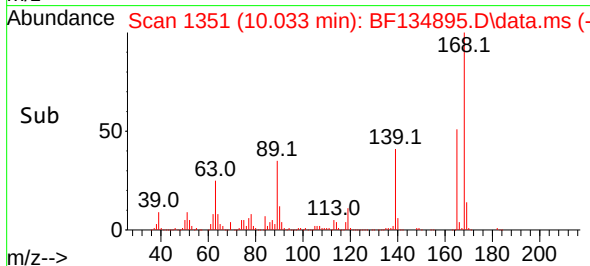


Tgt Ion:165 Resp: 258020
Ion Ratio Lower Upper
165 100
63 48.5 37.7 56.5
89 67.5 54.2 81.4
182 2.8 2.2 3.2

Manual Integrations

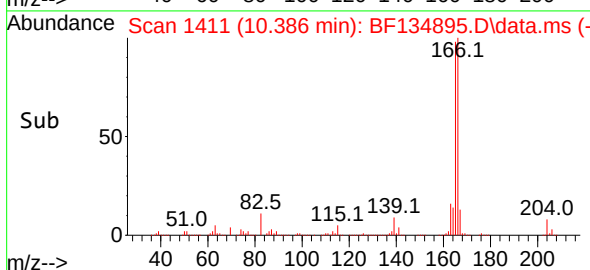
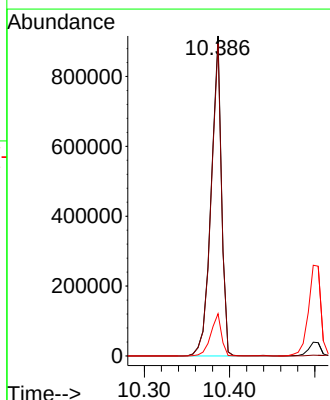
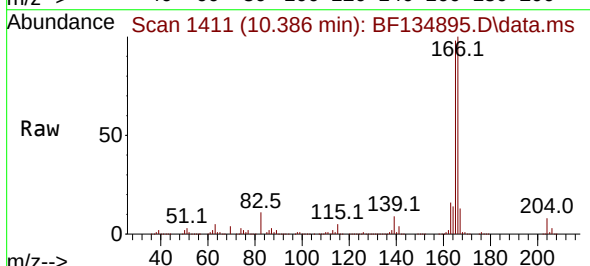
APPROVED

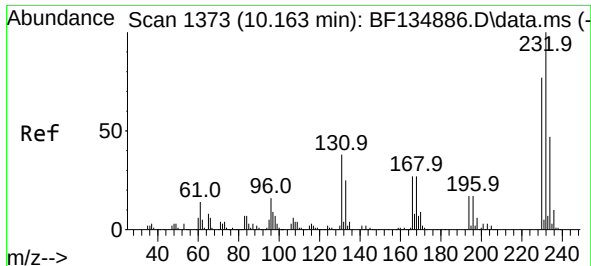
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#58
Fluorene
Concen: 43.977 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:166 Resp: 775958
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.2 11.0 16.6





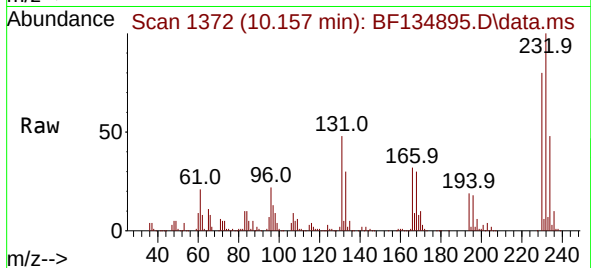
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.279 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

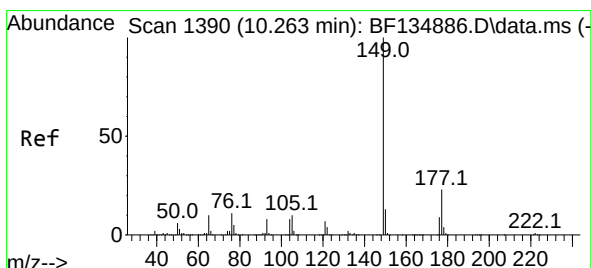
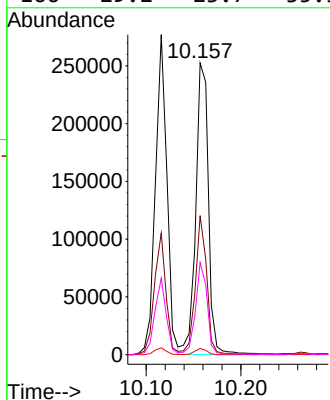
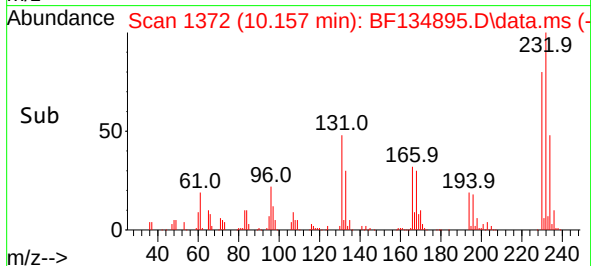


Tgt Ion:232 Resp: 234671
Ion Ratio Lower Upper
232 100
131 43.0 33.9 50.9
130 2.0 1.6 2.4
166 29.2 23.7 35.5

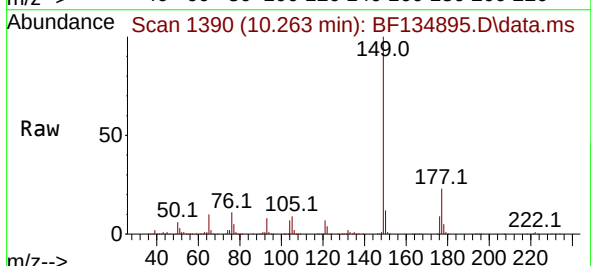
Manual Integrations

APPROVED

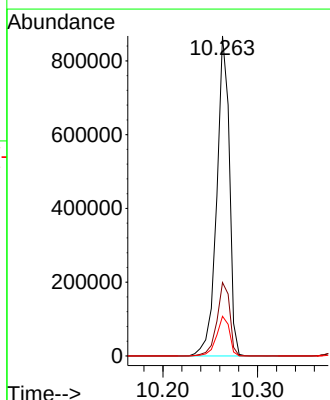
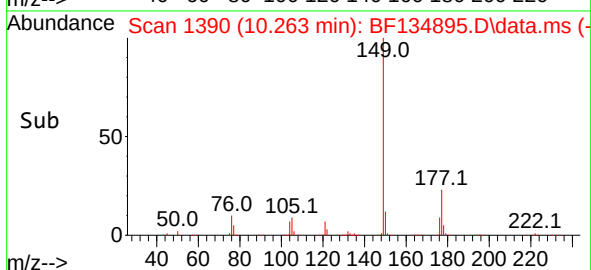
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

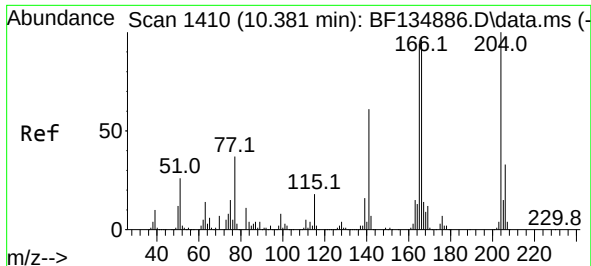


#60
Diethylphthalate
Concen: 44.117 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



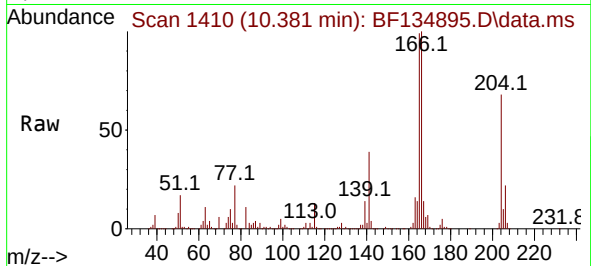
Tgt Ion:149 Resp: 803720
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.811 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

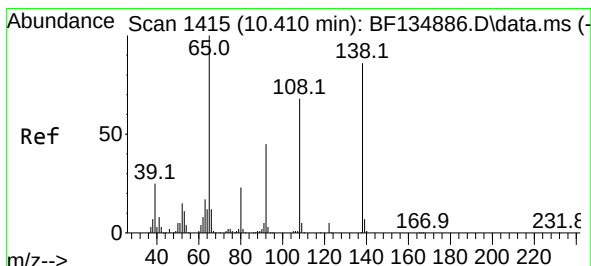
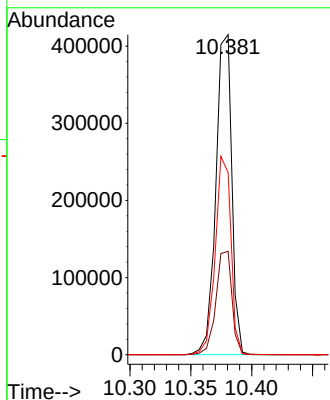
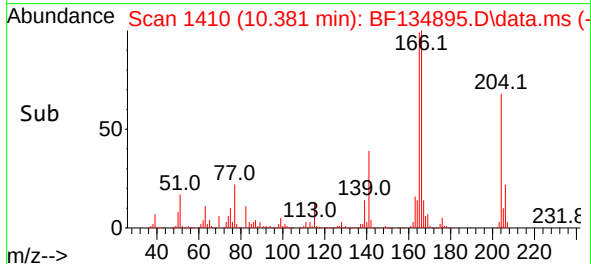
Instrument :
BNA_F
ClientSampleId :
PB154969BS



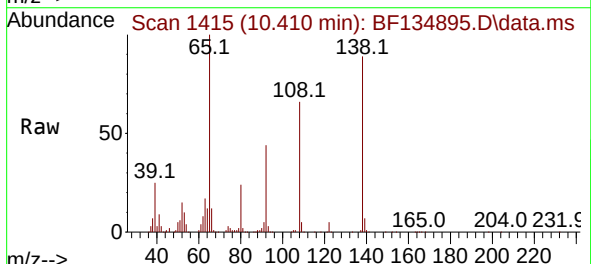
Tgt Ion:204 Resp: 37866
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 56.9 48.6 73.0

Manual Integrations
APPROVED

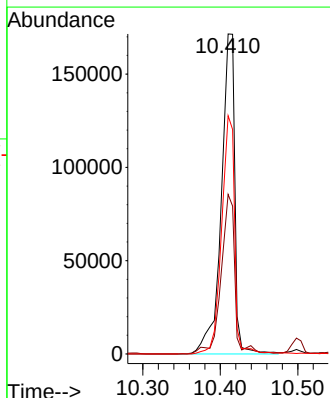
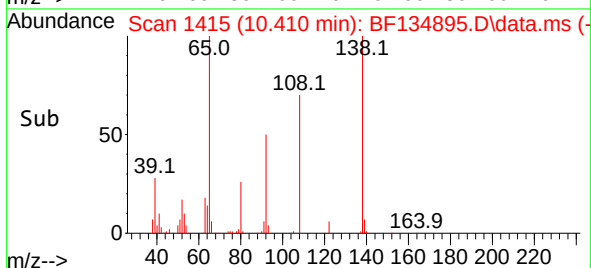
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

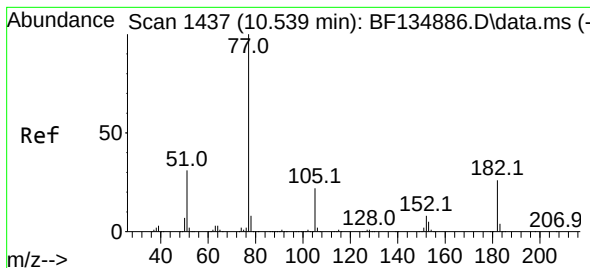


#62
4-Nitroaniline
Concen: 46.739 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:138 Resp: 209295
Ion Ratio Lower Upper
138 100
92 49.8 32.5 72.5
108 74.4 58.6 98.6





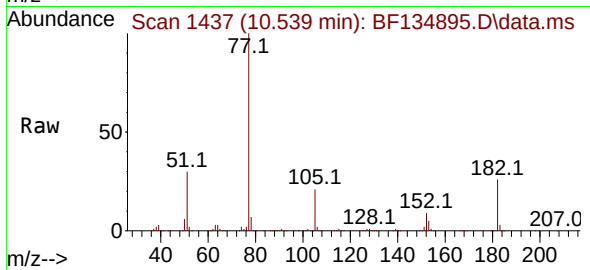
#63
Azobenzene
Concen: 44.465 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

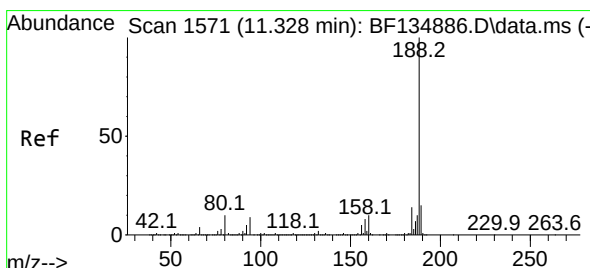
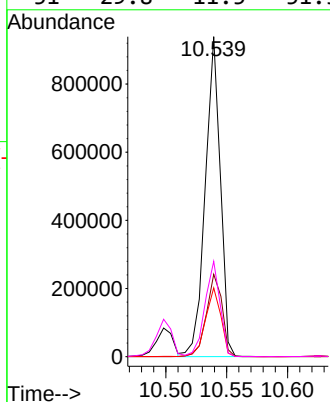
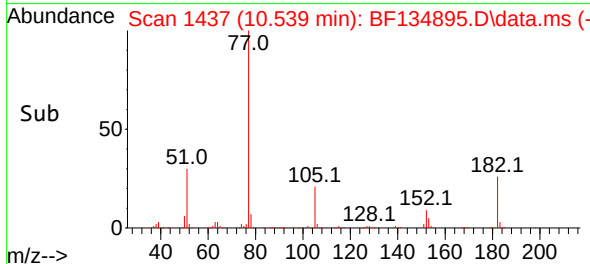


Tgt Ion: 77 Resp: 804725
Ion Ratio Lower Upper
77 100
182 25.7 5.8 45.8
105 21.5 1.6 41.6
51 29.8 11.5 51.5

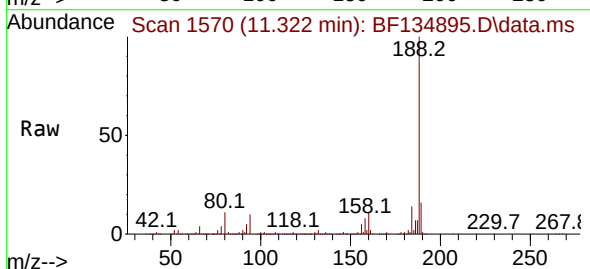
Manual Integrations

APPROVED

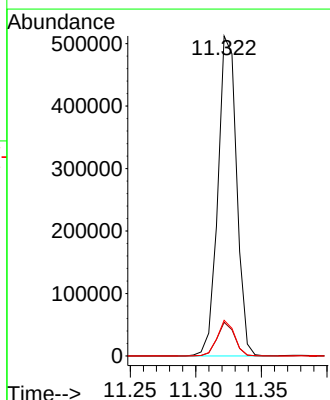
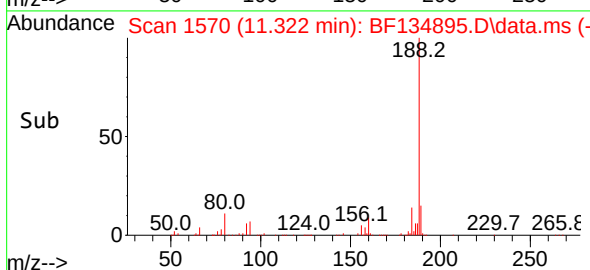
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

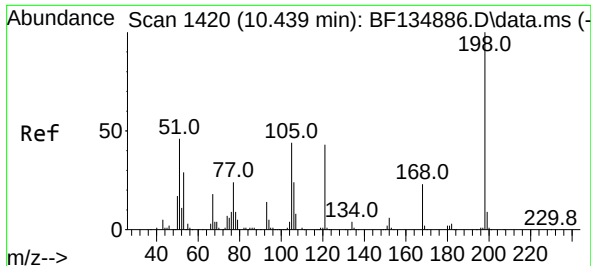


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



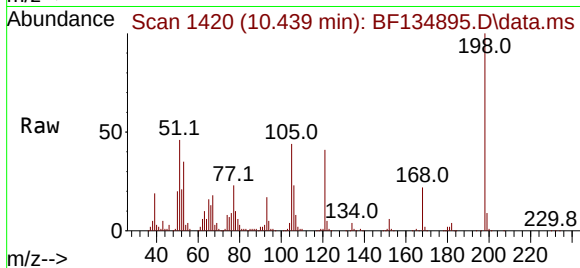
Tgt Ion:188 Resp: 507389
Ion Ratio Lower Upper
188 100
94 10.5 7.5 11.3
80 11.1 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 47.043 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

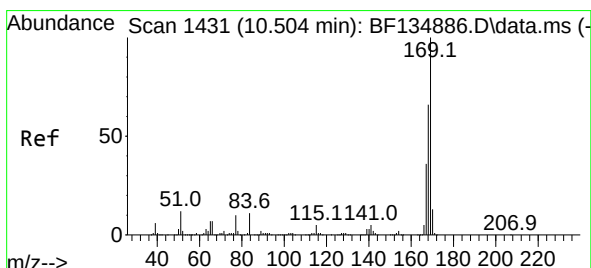
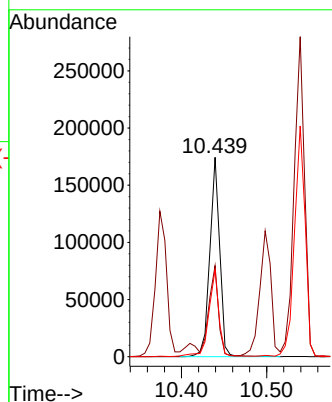
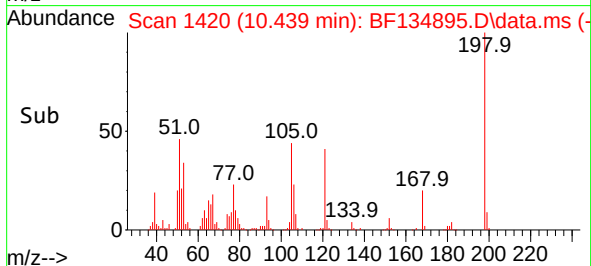
Instrument :
BNA_F
ClientSampleId :
PB154969BS



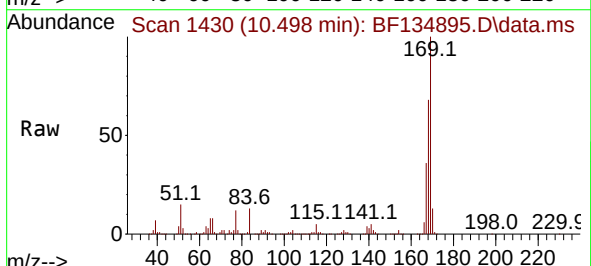
Tgt Ion:198 Resp: 140841
Ion Ratio Lower Upper
198 100
51 45.7 30.3 70.3
105 43.5 24.5 64.5

Manual Integrations
APPROVED

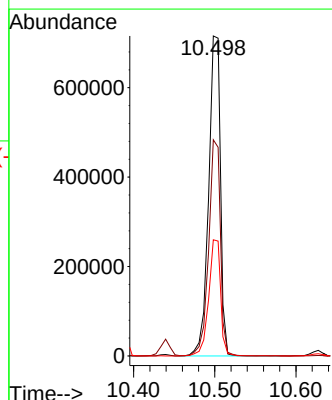
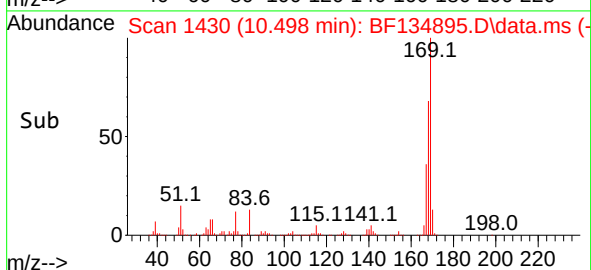
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

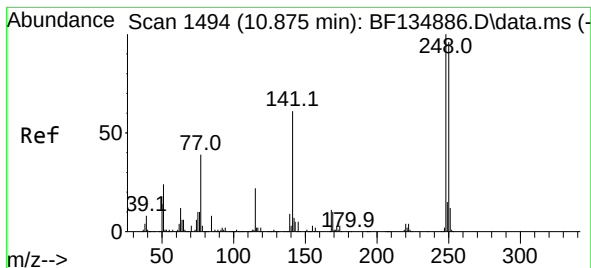


#66
n-Nitrosodiphenylamine
Concen: 44.159 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:169 Resp: 721532
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.3 29.0 43.6





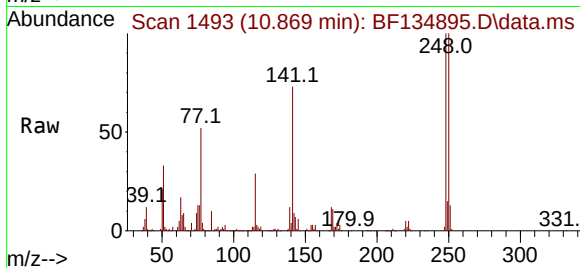
#67
4-Bromophenyl-phenylether
Concen: 43.226 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

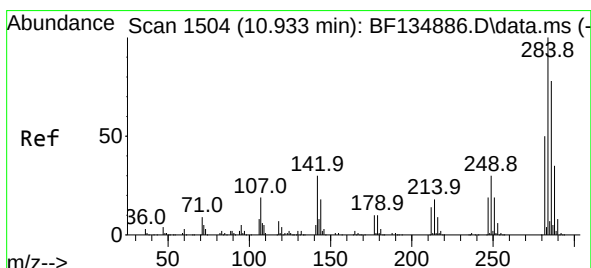
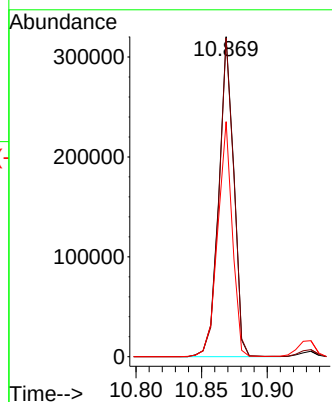
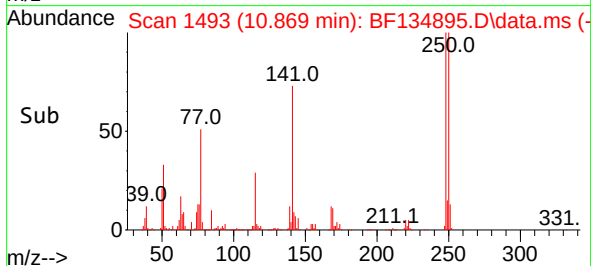


Tgt Ion:248 Resp: 253031
Ion Ratio Lower Upper
248 100
250 99.6 77.1 115.7
141 73.4 49.0 73.4

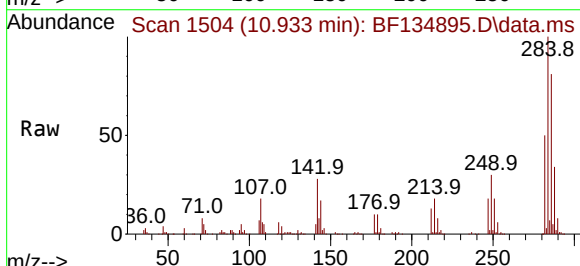
Manual Integrations

APPROVED

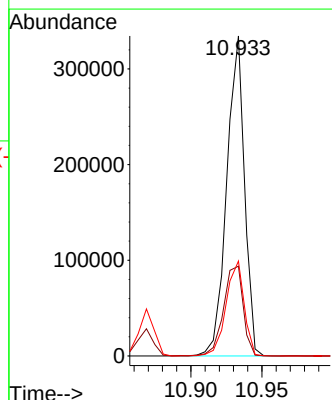
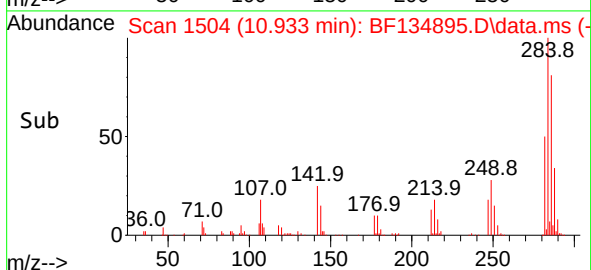
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

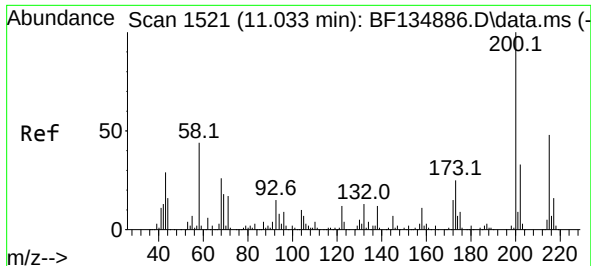


#68
Hexachlorobenzene
Concen: 46.607 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



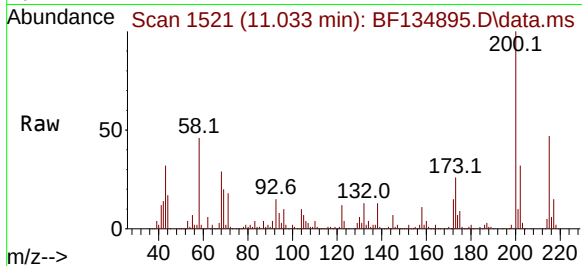
Tgt Ion:284 Resp: 290157
Ion Ratio Lower Upper
284 100
142 28.0 23.9 35.9
249 29.6 24.1 36.1





#69
Atrazine
Concen: 55.356 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

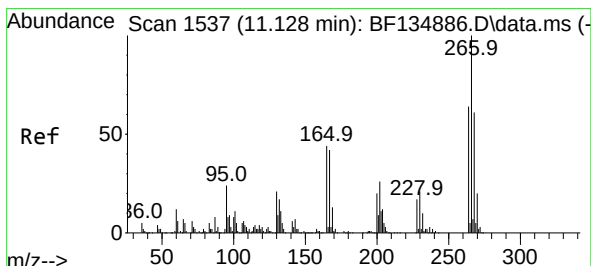
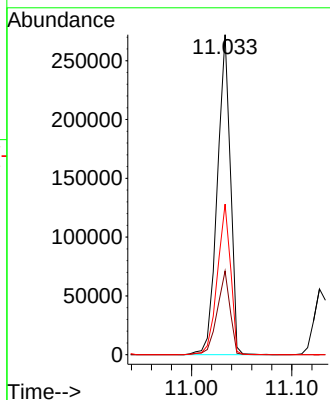
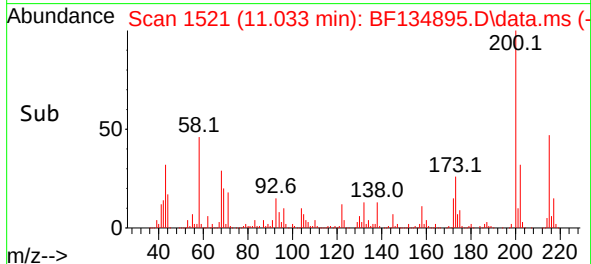
Instrument :
BNA_F
ClientSampleId :
PB154969BS



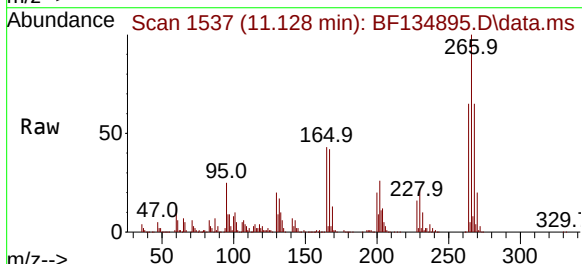
Tgt Ion:200 Resp: 245607
Ion Ratio Lower Upper
200 100
173 26.1 5.3 45.3
215 47.1 28.3 68.3

Manual Integrations
APPROVED

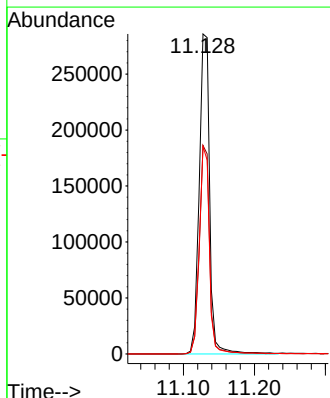
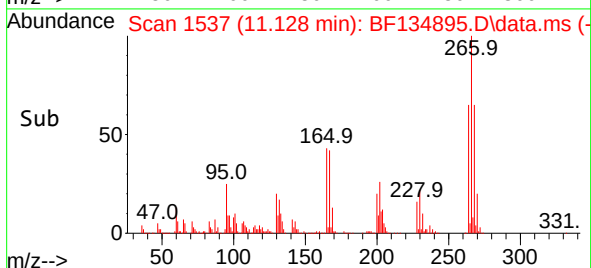
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

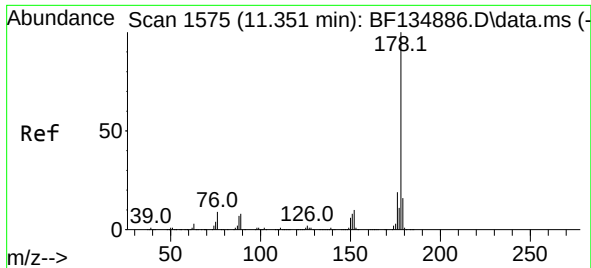


#70
Pentachlorophenol
Concen: 78.148 ng
RT: 11.128 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



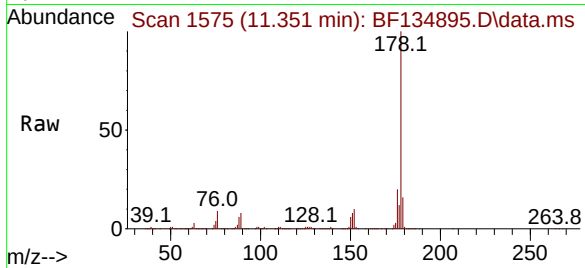
Tgt Ion:266 Resp: 292792
Ion Ratio Lower Upper
266 100
268 65.2 48.9 73.3
264 64.8 51.0 76.6





#71
Phenanthrene
Concen: 45.297 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

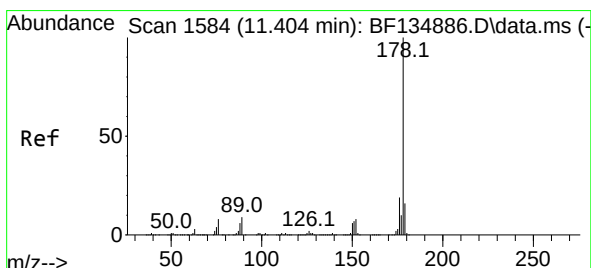
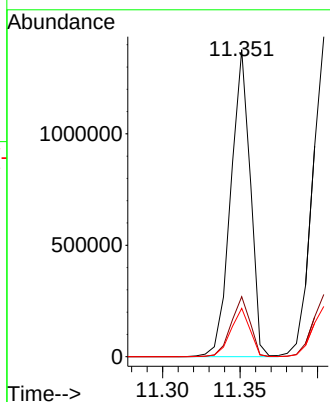
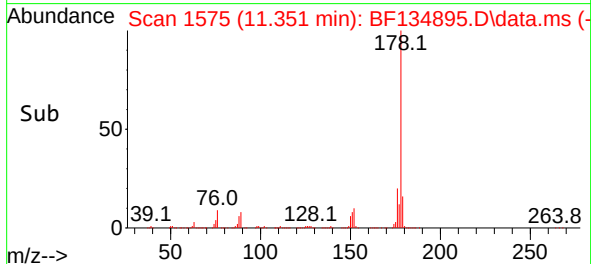
Instrument :
BNA_F
ClientSampleId :
PB154969BS



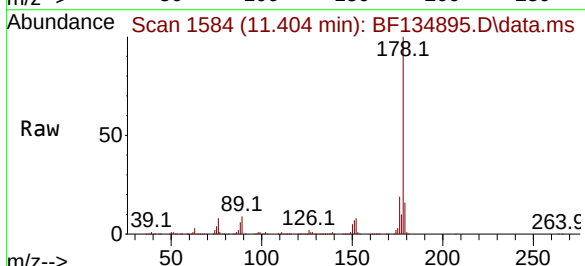
Tgt Ion:178 Resp: 120437
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.6 19.0

Manual Integrations
APPROVED

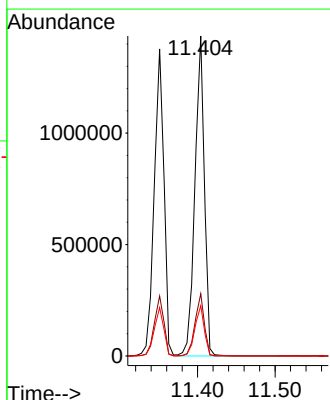
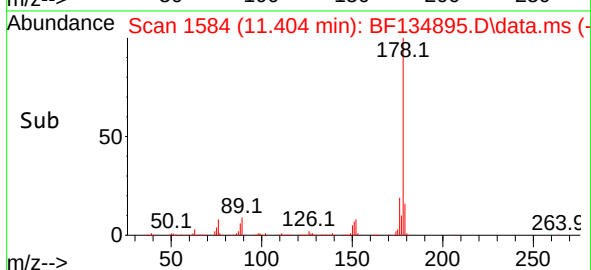
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

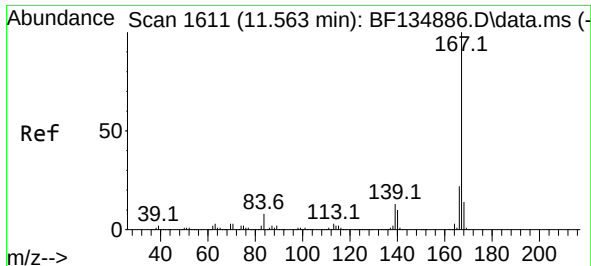


#72
Anthracene
Concen: 44.871 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



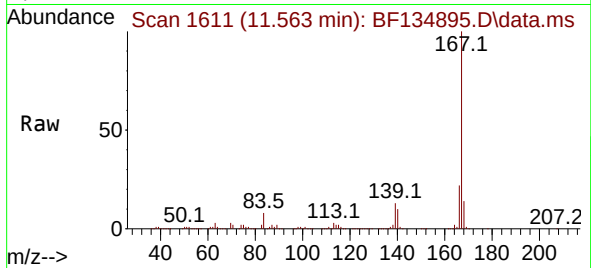
Tgt Ion:178 Resp: 1222388
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 48.183 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF134895.D
 Acq: 23 Aug 2023 09:59

Instrument :
 BNA_F
 ClientSampleId :
 PB154969BS

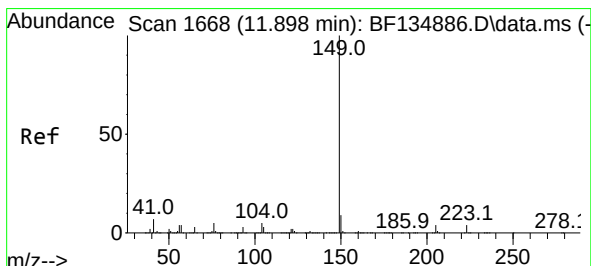
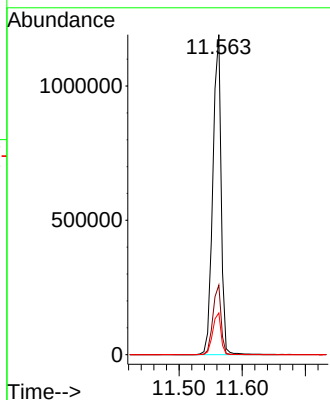
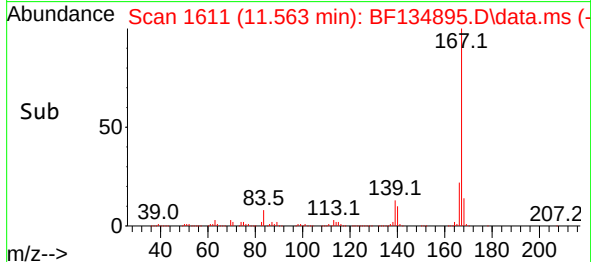


Tgt Ion:167 Resp: 108161

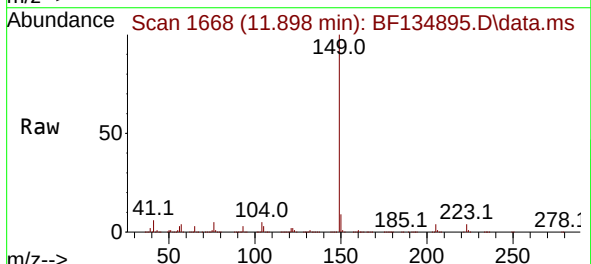
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.0	10.4	15.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

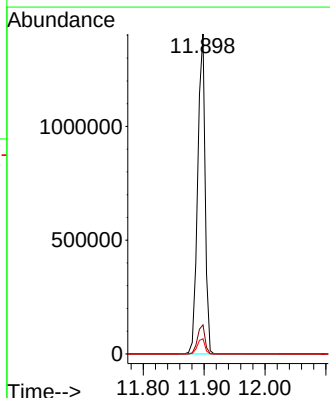
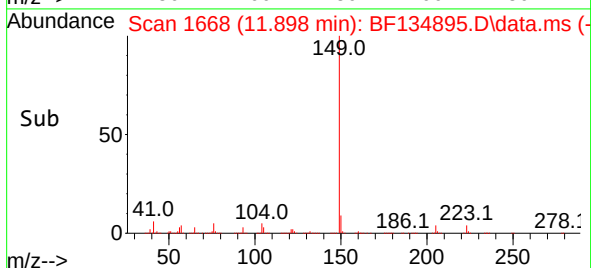


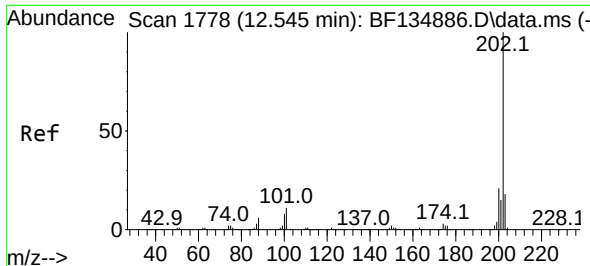
#74
 Di-n-butylphthalate
 Concen: 46.338 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF134895.D
 Acq: 23 Aug 2023 09:59



Tgt Ion:149 Resp: 1193005

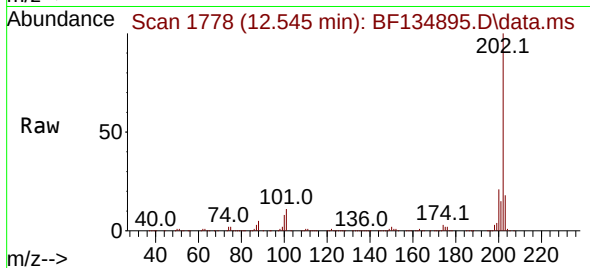
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.8	4.1	6.1





#75
Fluoranthene
Concen: 48.488 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

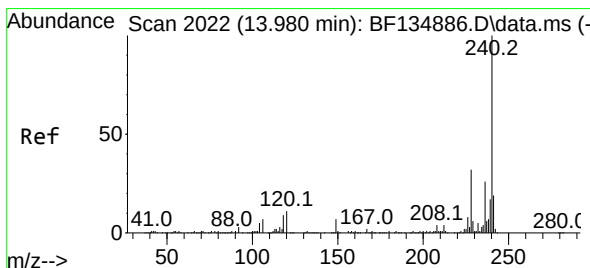
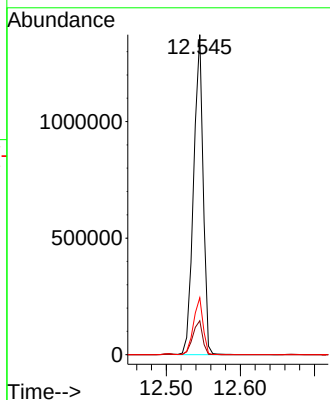
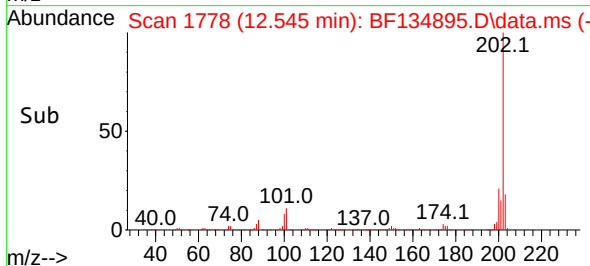
Instrument :
BNA_F
ClientSampleId :
PB154969BS



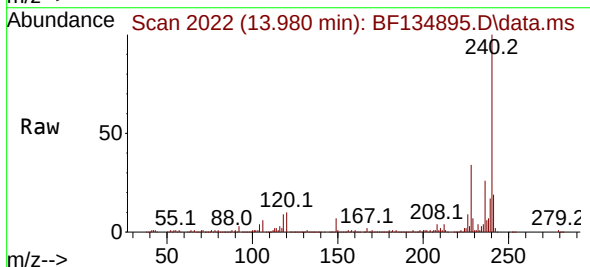
Tgt Ion:202 Resp: 1221519
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 17.8 0.0 37.8

Manual Integrations
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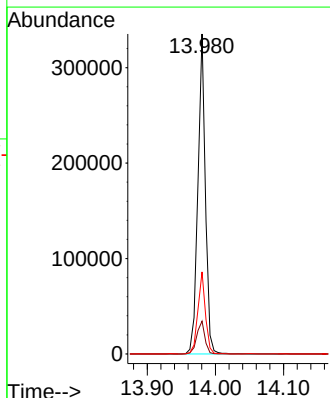
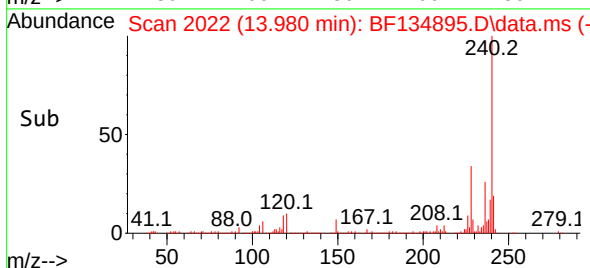
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

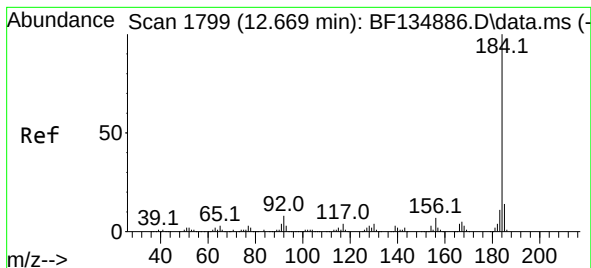


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:240 Resp: 257068
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.7 20.6 31.0





#77

Benzidine

Concen: 73.819 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

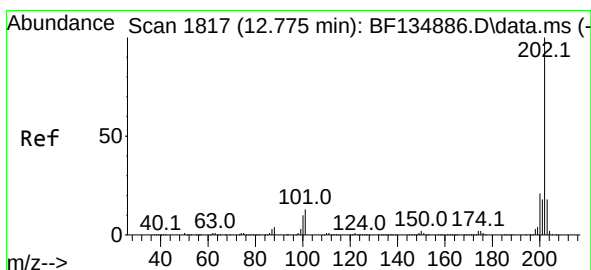
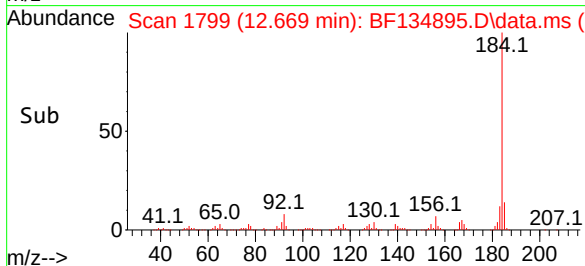
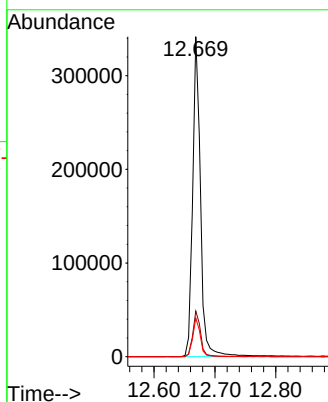
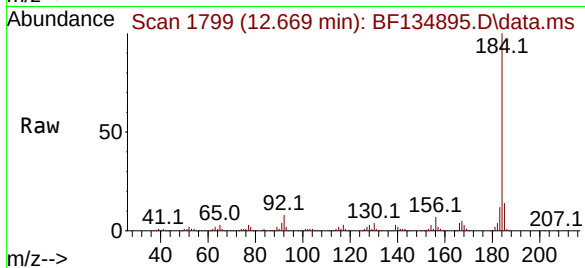
Tgt Ion:184	Resp: 307889
Ion Ratio	Lower Upper
184 100	
185 14.2	11.4 17.0
183 12.1	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#78

Pyrene

Concen: 45.559 ng

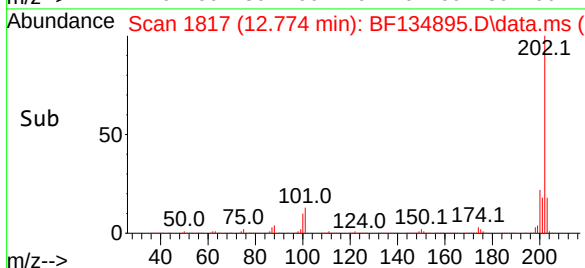
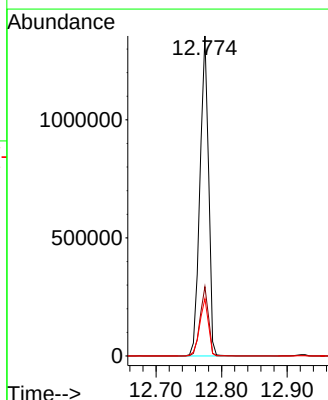
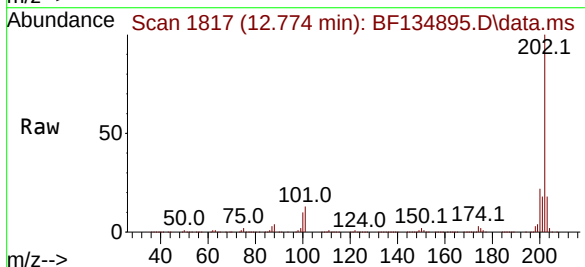
RT: 12.774 min Scan# 1817

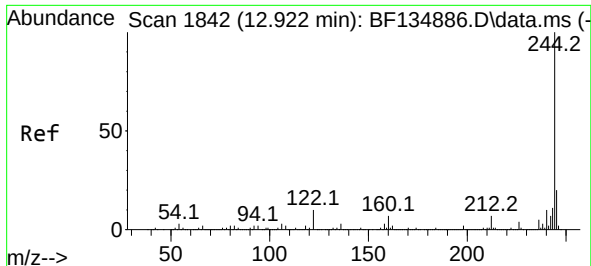
Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Tgt Ion:202	Resp: 1241765		
Ion Ratio	Lower	Upper	
202 100			
200 21.7	17.1	25.7	
203 17.9	14.2	21.2	





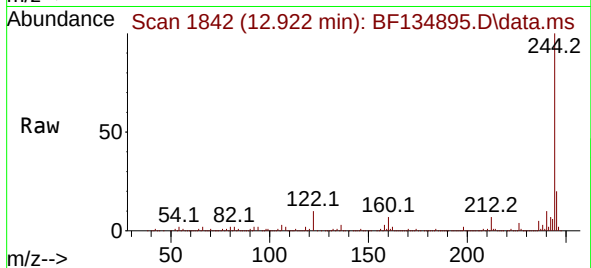
#79
 Terphenyl-d14
 Concen: 91.810 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134895.D
 Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

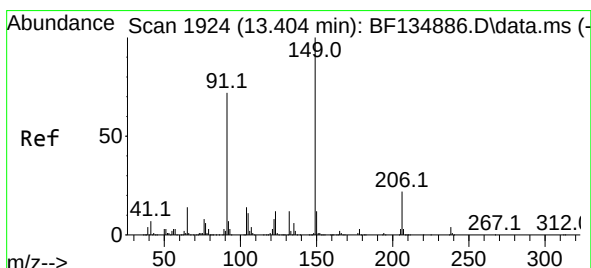
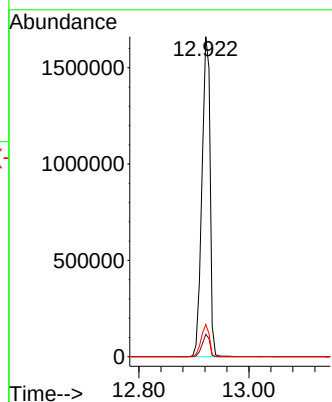
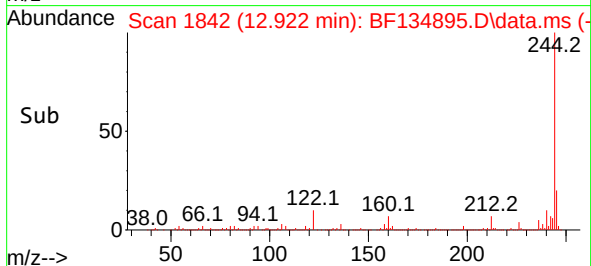


Tgt Ion:244 Resp: 1715959
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.0 8.2 12.4

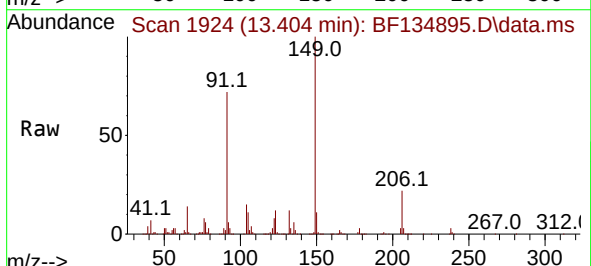
Manual Integrations

APPROVED

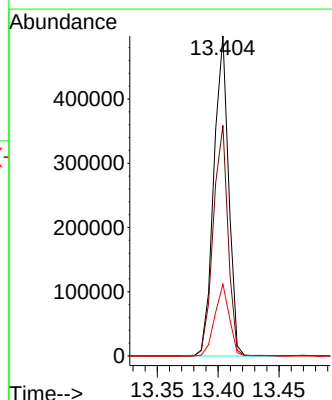
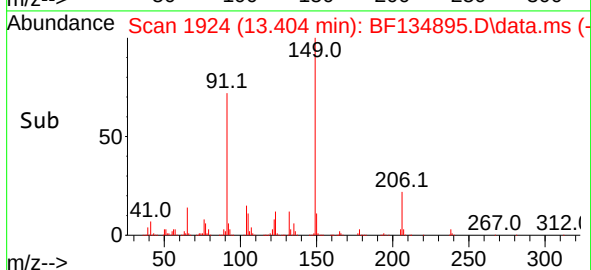
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

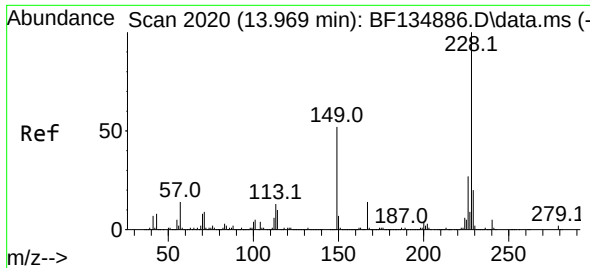


#80
 Butylbenzylphthalate
 Concen: 50.682 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF134895.D
 Acq: 23 Aug 2023 09:59



Tgt Ion:149 Resp: 420868
 Ion Ratio Lower Upper
 149 100
 91 72.0 57.2 85.8
 206 22.4 18.0 27.0





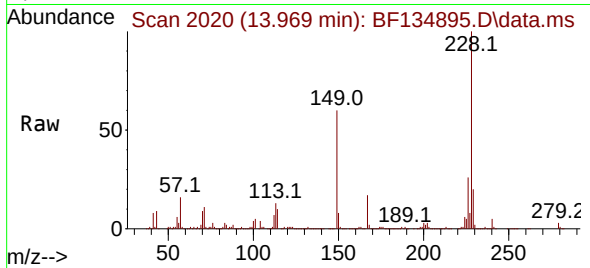
#81
Benzo(a)anthracene
Concen: 46.422 ng
RT: 13.969 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

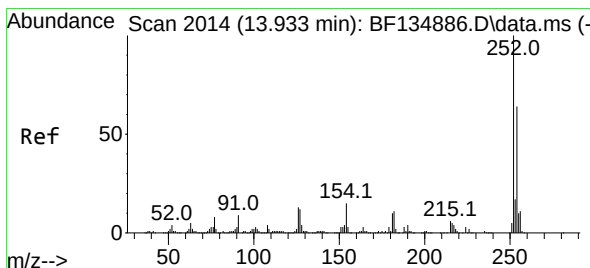
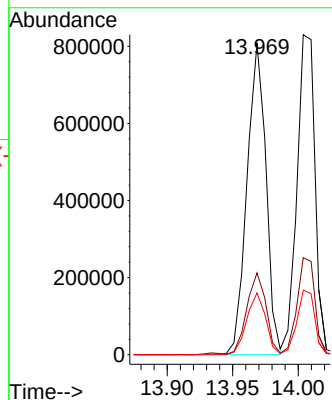
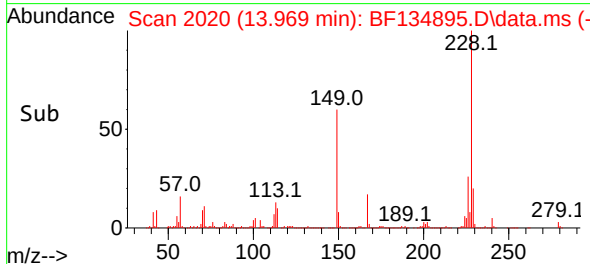


Tgt Ion:228 Resp: 814212
Ion Ratio Lower Upper
228 100
226 26.2 21.8 32.6
229 19.8 15.6 23.4

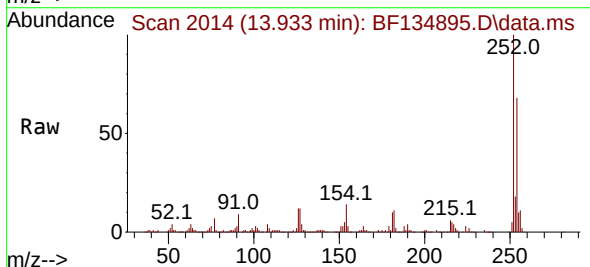
Manual Integrations

APPROVED

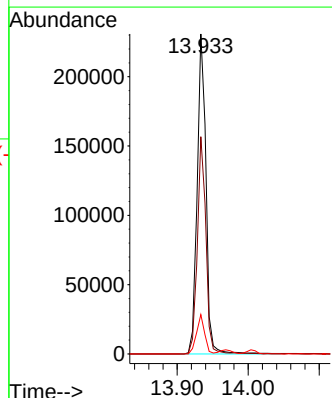
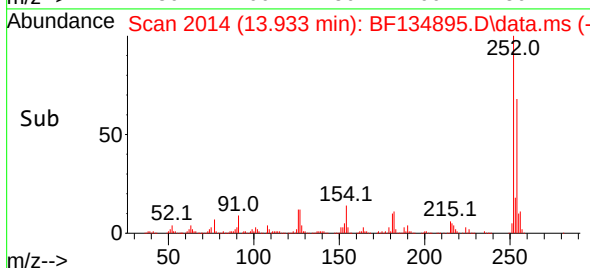
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

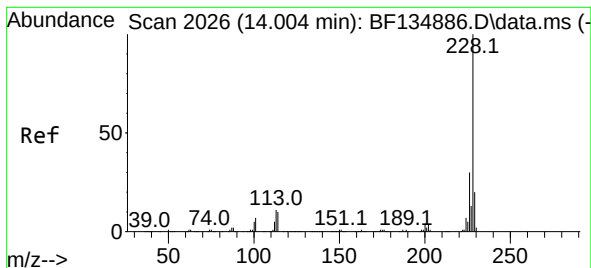


#82
3,3'-Dichlorobenzidine
Concen: 35.958 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:252 Resp: 199608
Ion Ratio Lower Upper
252 100
254 67.9 51.6 77.4
126 12.3 10.3 15.5





#83

Chrysene

Concen: 46.109 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB154969BS

Tgt Ion:228 Resp: 797920

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

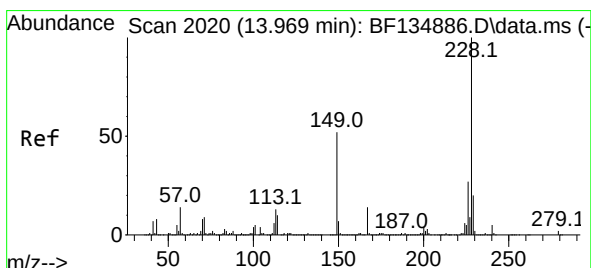
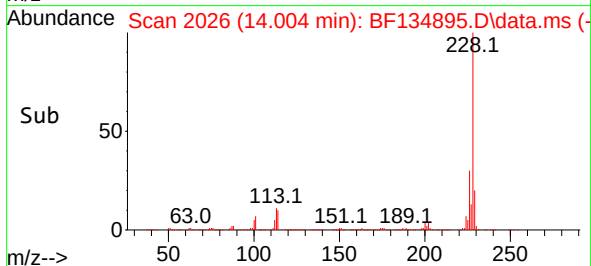
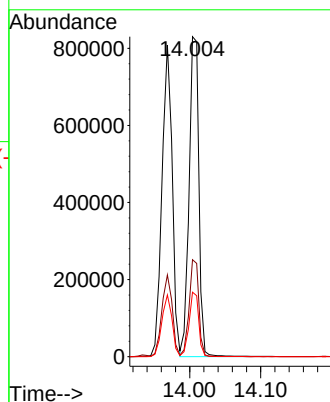
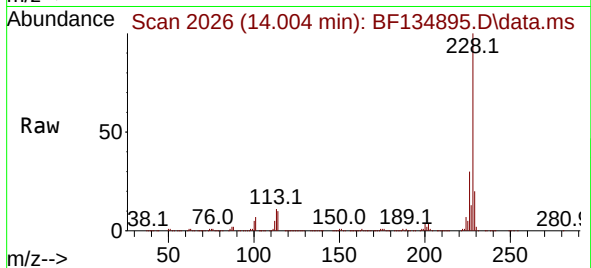
229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.427 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF134895.D

Acq: 23 Aug 2023 09:59

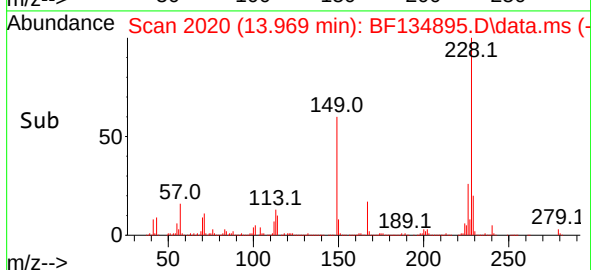
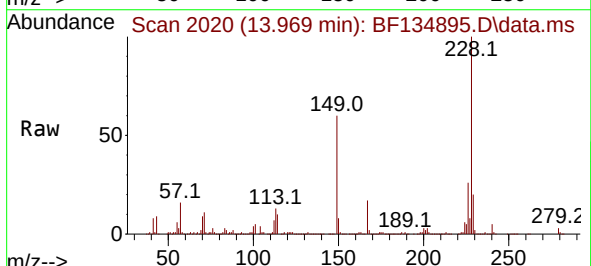
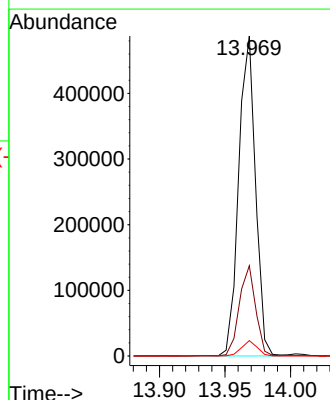
Tgt Ion:149 Resp: 435621

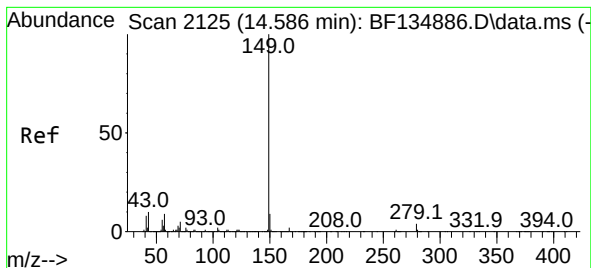
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

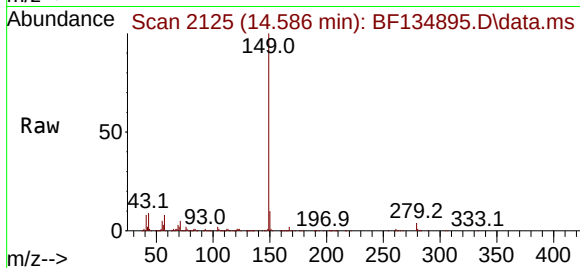
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.663 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

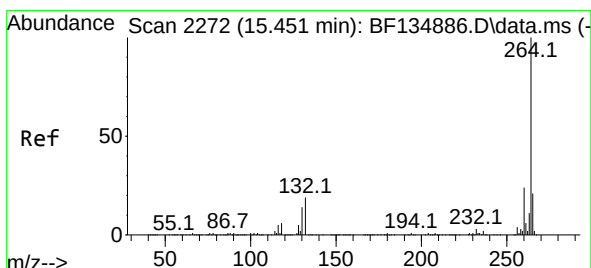
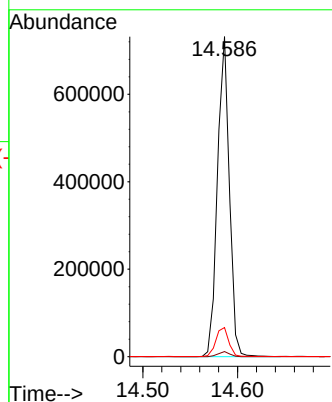
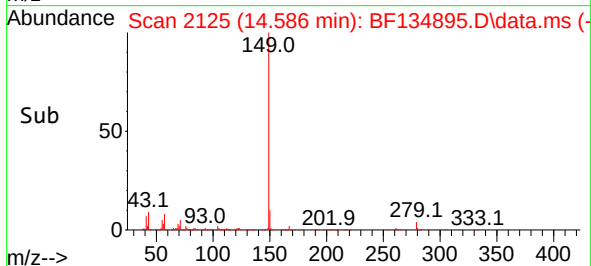
Instrument :
BNA_F
ClientSampleId :
PB154969BS



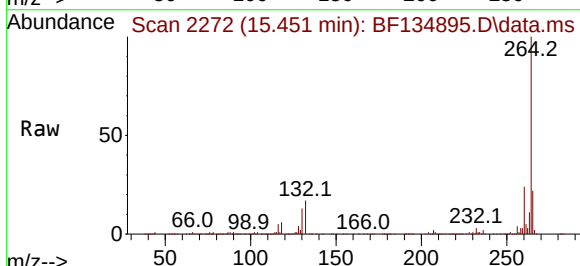
Tgt Ion:149 Resp: 640462
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 8.3 12.5

Manual Integrations
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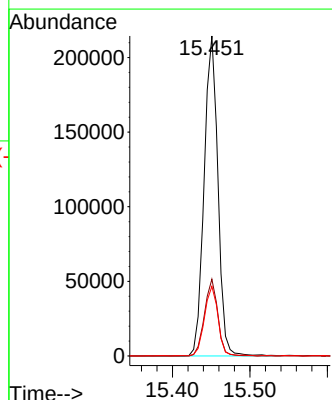
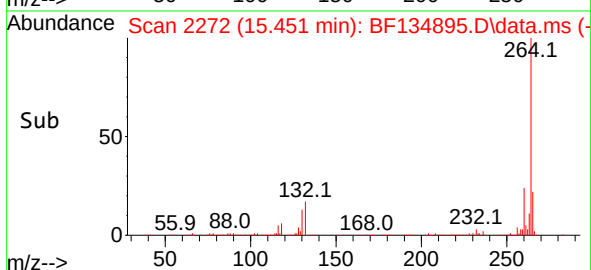
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

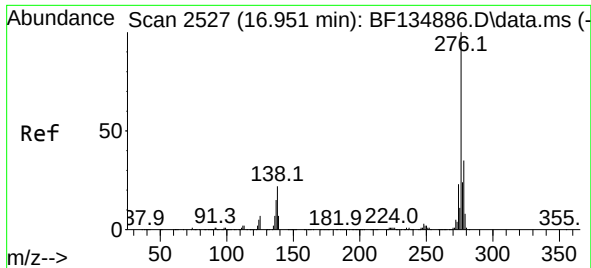


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59



Tgt Ion:264 Resp: 264848
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.7 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.068 ng
RT: 16.945 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

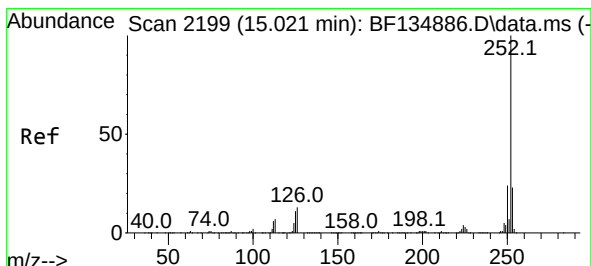
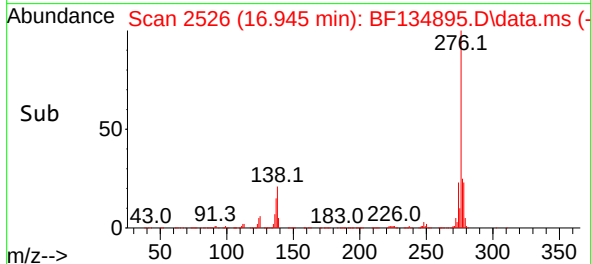
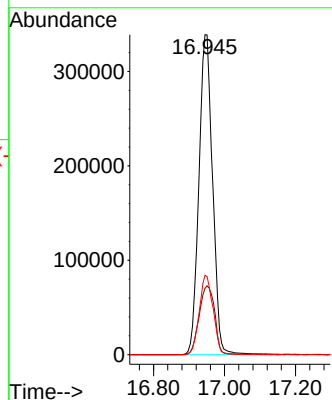
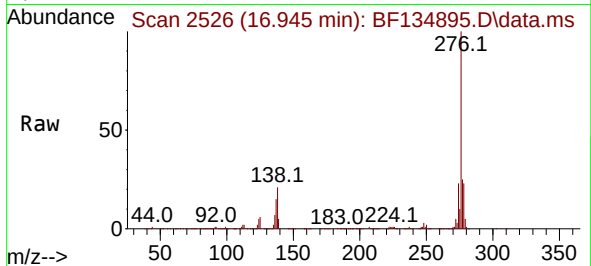
ClientSampleId :

PB154969BS

Tgt Ion:276 Resp: 90997
Ion Ratio Lower Upper
276 100
138 24.2 19.7 29.5
277 25.2 20.1 30.1

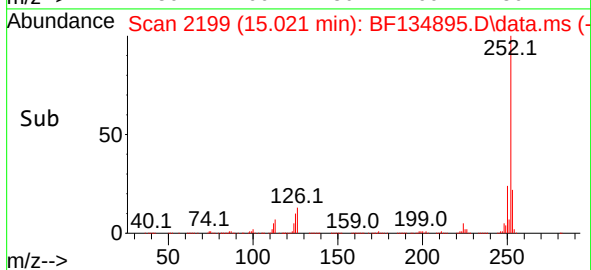
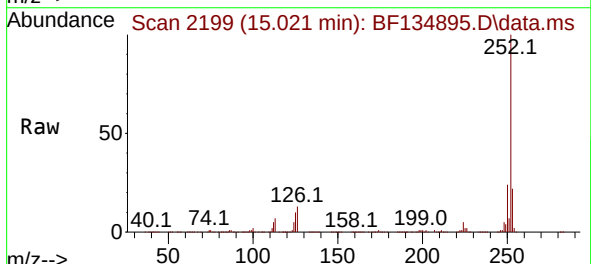
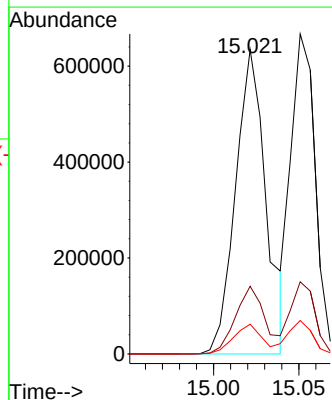
Manual Integrations
APPROVED

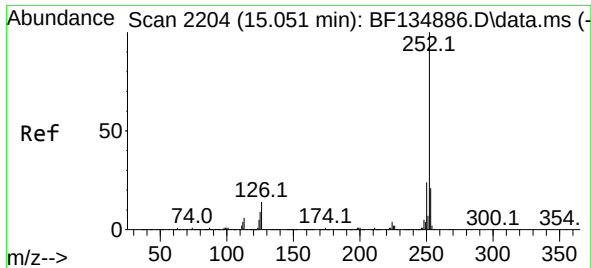
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#88
Benzo(b)fluoranthene
Concen: 52.862 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

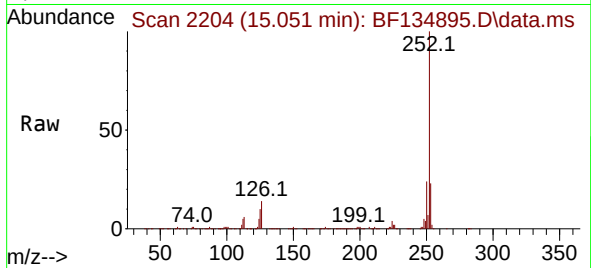
Tgt Ion:252 Resp: 789897
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.8 8.4 12.6





#89
Benzo(k)fluoranthene
Concen: 45.576 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

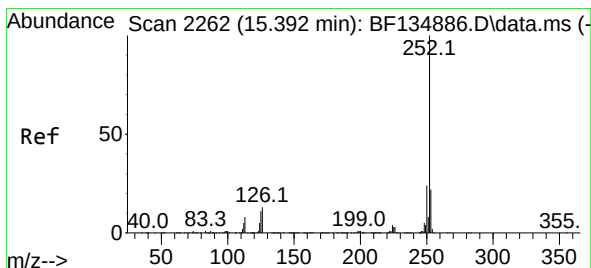
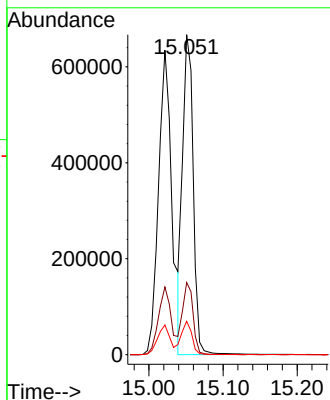
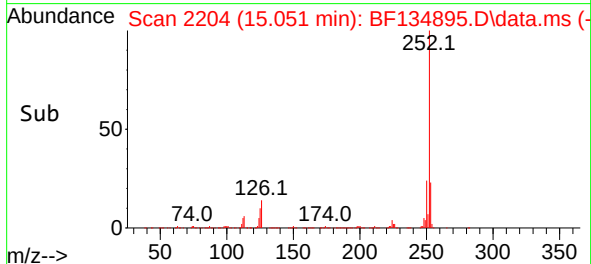
Instrument :
BNA_F
ClientSampleId :
PB154969BS



Tgt Ion:252 Resp: 668754
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 10.5 8.0 12.0

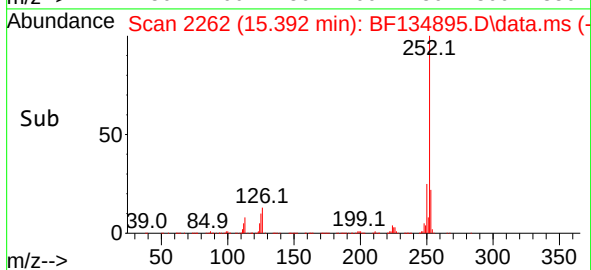
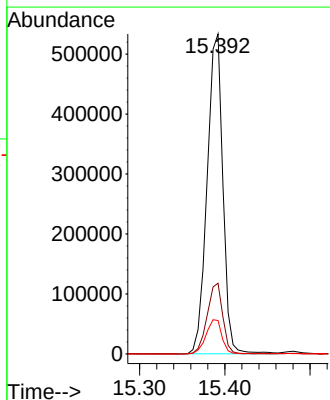
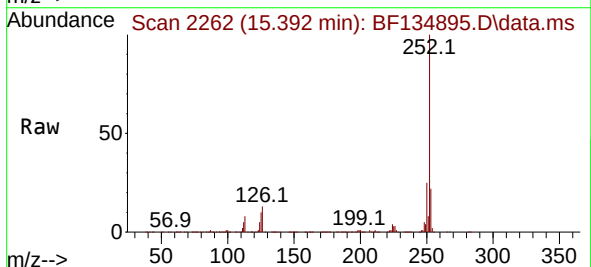
Manual Integrations
APPROVED

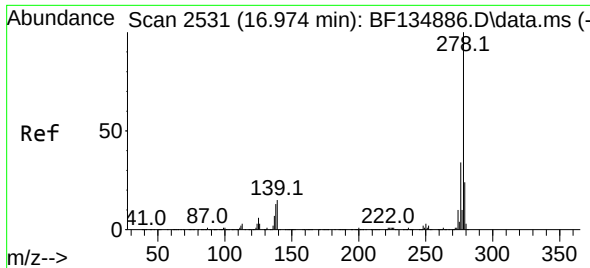
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#90
Benzo(a)pyrene
Concen: 45.933 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:252 Resp: 685175
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.4 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.868 ng
RT: 16.968 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

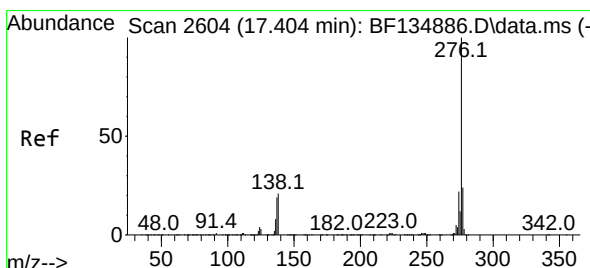
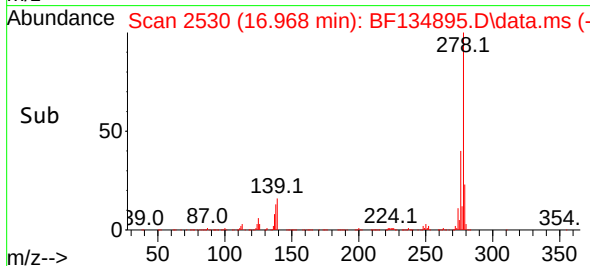
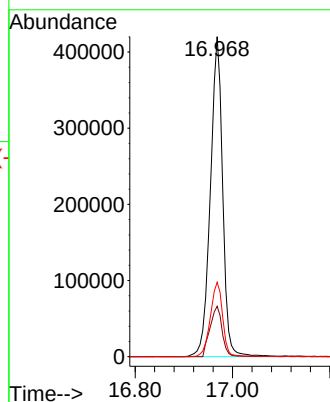
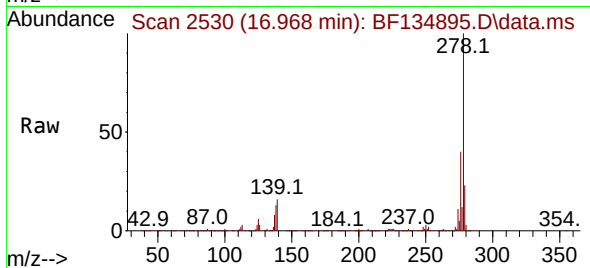
PB154969BS

Tgt Ion:278 Resp: 73322
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#92
Benzo(g,h,i)perylene
Concen: 46.836 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.000 min
Lab File: BF134895.D
Acq: 23 Aug 2023 09:59

Tgt Ion:276 Resp: 734403
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 20.4 17.0 25.6

