

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131673.D
 Acq On : 16 Dec 2022 18:44
 Operator : CG\JU
 Sample : N6037-10MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)MS

Quant Time: Dec 17 03:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58724	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	201539	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	112490	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	218304	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	146179	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	133298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	445900	126.675	ng	0.00
7) Phenol-d6	6.516	99	577283	125.150	ng	0.00
23) Nitrobenzene-d5	7.451	82	395677	74.225	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	153041	122.453	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	640359	71.776	ng	0.00
79) Terphenyl-d14	13.022	244	755795	70.906	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	81561	51.333	ng	97
3) Pyridine	3.428	79	217460	49.297	ng	94
4) n-Nitrosodimethylamine	3.399	42	106513	43.782	ng	# 85
6) Aniline	6.545	93	183913	33.338	ng	98
8) 2-Chlorophenol	6.663	128	182914	49.035	ng	97
9) Benzaldehyde	6.434	77	161948	51.250	ng	98
10) Phenol	6.528	94	259891m	50.511	ng	
11) bis(2-Chloroethyl)ether	6.616	93	191645	49.689	ng	98
12) 1,3-Dichlorobenzene	6.822	146	206734	47.801	ng	96
13) 1,4-Dichlorobenzene	6.898	146	208949	47.898	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197681	47.437	ng	97
15) Benzyl Alcohol	7.028	79	197444	46.690	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	238725	47.917	ng	99
17) 2-Methylphenol	7.140	107	162686	48.391	ng	95
18) Hexachloroethane	7.392	117	82929	47.125	ng	90
19) n-Nitroso-di-n-propyla...	7.292	70	154765	44.745	ng	95
20) 3+4-Methylphenols	7.292	107	206619	45.122	ng	# 74
22) Acetophenone	7.292	105	290859	46.053	ng	96
24) Nitrobenzene	7.469	77	244456	45.467	ng	95
25) Isophorone	7.704	82	415976	48.445	ng	99
26) 2-Nitrophenol	7.787	139	97375	53.109	ng	# 87
27) 2,4-Dimethylphenol	7.822	122	159261	56.671	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	230879	51.978	ng	99
29) 2,4-Dichlorophenol	8.028	162	158511	45.617	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	192561	45.188	ng	99
31) Naphthalene	8.192	128	519202	45.739	ng	100
32) Benzoic acid	7.939	122	87907	43.192	ng	97
33) 4-Chloroaniline	8.239	127	53705	12.622	ng	96
34) Hexachlorobutadiene	8.304	225	127403	42.422	ng	98
35) Caprolactam	8.610	113	46123m	51.312	ng	
36) 4-Chloro-3-methylphenol	8.728	107	182631	46.805	ng	98
37) 2-Methylnaphthalene	8.886	142	343962	44.308	ng	97
38) 1-Methylnaphthalene	8.986	142	314840	42.248	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	198976	47.783	ng	98
41) Hexachlorocyclopentadiene	9.034	237	220338	104.248	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	120878	46.931	ng	97

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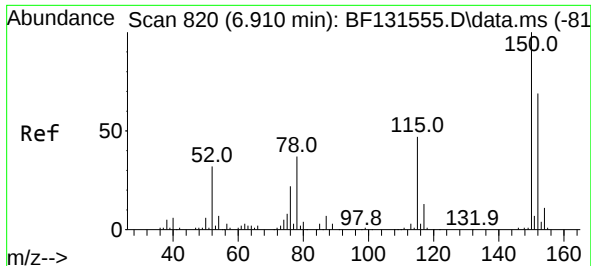
Manual Integrations
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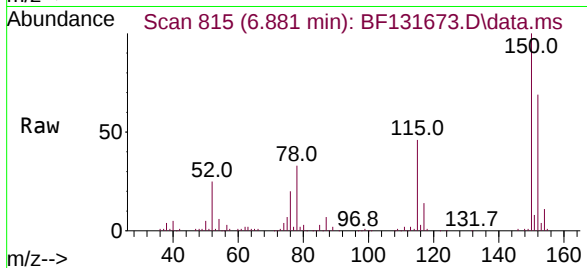
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	125392	45.269	ng	93
46) 1,1'-Biphenyl	9.351	154	430753	48.431	ng	99
47) 2-Chloronaphthalene	9.381	162	347240	47.919	ng	99
48) 2-Nitroaniline	9.481	65	118988	46.354	ng	# 84
49) Acenaphthylene	9.798	152	519984	48.871	ng	99
50) Dimethylphthalate	9.657	163	398019	46.415	ng	99
51) 2,6-Dinitrotoluene	9.722	165	87710	49.544	ng	# 82
52) Acenaphthene	9.969	154	366576m	51.429	ng	
53) 3-Nitroaniline	9.892	138	40205	23.670	ng	96
54) 2,4-Dinitrophenol	9.998	184	89607	87.989	ng	93
55) Dibenzofuran	10.145	168	468078	46.477	ng	96
56) 4-Nitrophenol	10.063	139	131230	111.214	ng	# 72
57) 2,4-Dinitrotoluene	10.128	165	120007	51.102	ng	93
58) Fluorene	10.486	166	372206	45.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	104740m	44.654	ng	
60) Diethylphthalate	10.357	149	378000	45.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	201880	44.619	ng	93
62) 4-Nitroaniline	10.510	138	84205	50.027	ng	92
63) Azobenzene	10.639	77	431221	45.944	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	66768	48.289	ng	97
66) n-Nitrosodiphenylamine	10.598	169	318748	45.164	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	120195	42.800	ng	96
68) Hexachlorobenzene	11.033	284	133537	43.961	ng	93
69) Atrazine	11.128	200	122321	54.579	ng	98
70) Pentachlorophenol	11.233	266	135977	86.952	ng	99
71) Phenanthrene	11.457	178	558850	45.928	ng	100
72) Anthracene	11.510	178	574997	48.571	ng	100
73) Carbazole	11.663	167	500779	51.824	ng	100
74) Di-n-butylphthalate	11.992	149	588739	49.663	ng	99
75) Fluoranthene	12.651	202	633557	50.564	ng	99
77) Benzidine	12.774	184	273278	69.773	ng	99
78) Pyrene	12.880	202	655958	45.508	ng	98
80) Butylbenzylphthalate	13.498	149	252069	60.429	ng	98
81) Benzo(a)anthracene	14.074	228	514043	48.695	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	59855	19.929	ng	# 98
83) Chrysene	14.110	228	477768	47.605	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	347850	60.377	ng	98
85) Di-n-octyl phthalate	14.674	149	503731	53.434	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	502146	46.159	ng	98
88) Benzo(b)fluoranthene	15.145	252	424219	48.287	ng	98
89) Benzo(k)fluoranthene	15.174	252	423038	46.133	ng	98
90) Benzo(a)pyrene	15.521	252	374144	49.902	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	419613	46.867	ng	99
92) Benzo(g,h,i)perylene	17.574	276	409148	45.470	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

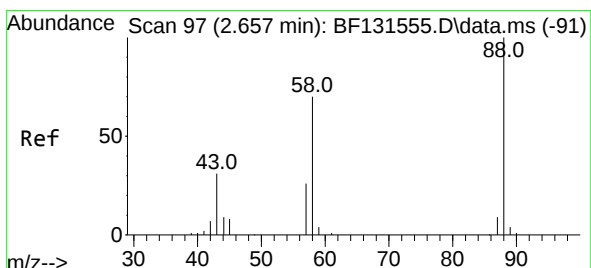
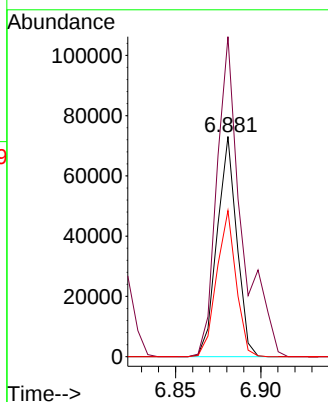
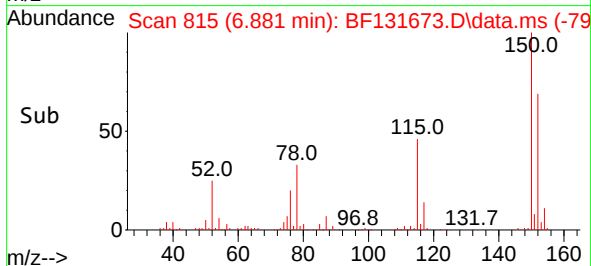
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion:152 Resp: 58724
Ion Ratio Lower Upper
152 100
150 145.4 116.7 175.1
115 66.4 54.6 82.0

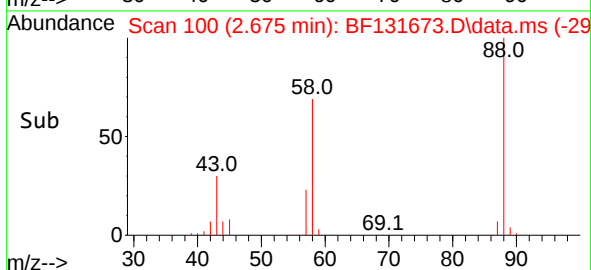
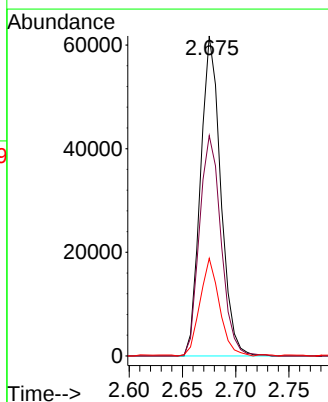
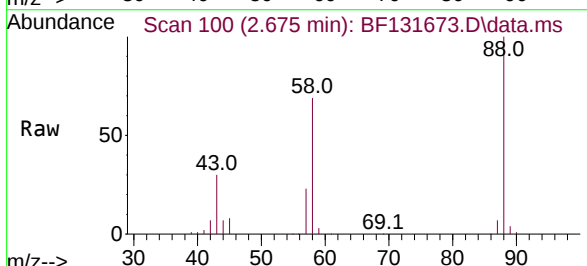
Manual Integrations
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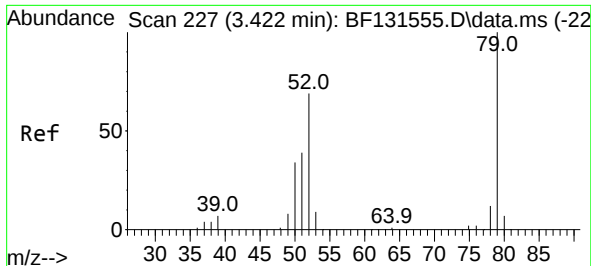
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#2
1,4-Dioxane
Concen: 51.333 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.065 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

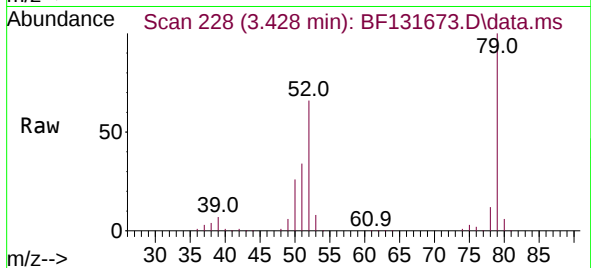
Tgt Ion: 88 Resp: 81561
Ion Ratio Lower Upper
88 100
58 73.6 60.0 90.0
43 29.5 26.7 40.1





#3
Pyridine
Concen: 49.297 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

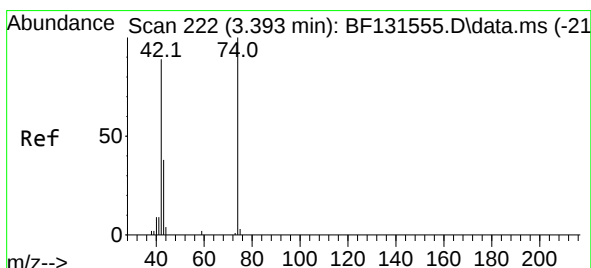
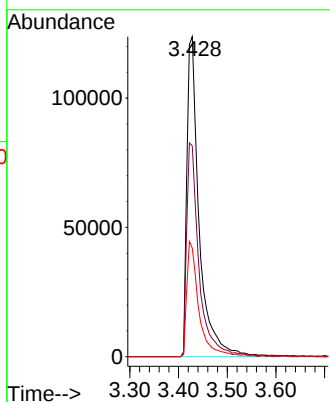
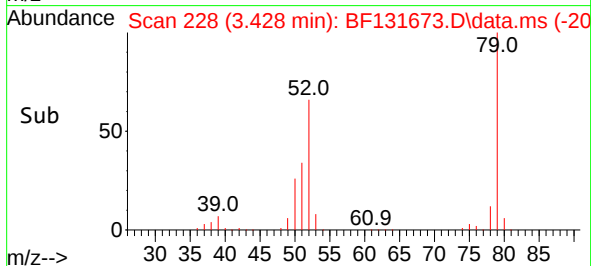
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



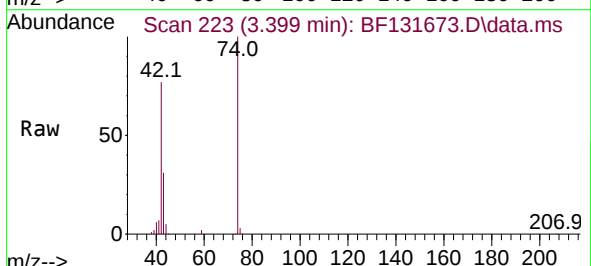
Tgt Ion: 79 Resp: 217460
Ion Ratio Lower Upper
79 100
52 65.8 55.0 82.6
51 33.9 31.4 47.2

Manual Integrations
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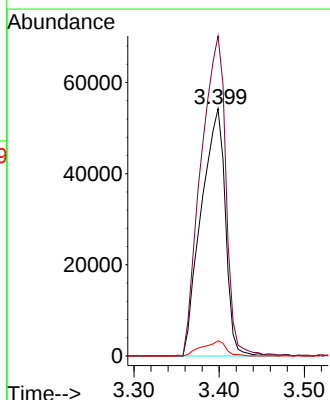
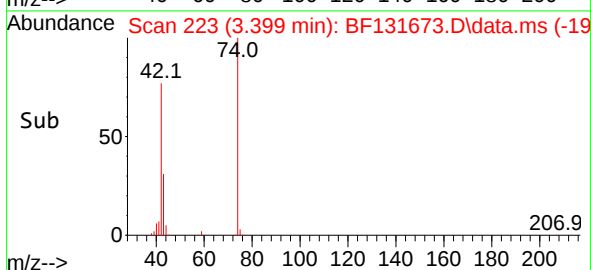
Reviewed By :Yogesh Patel 12/19/2022
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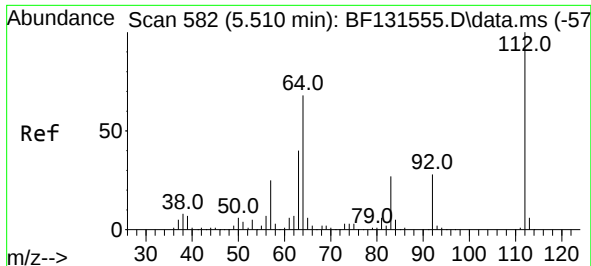


#4
n-Nitrosodimethylamine
Concen: 43.782 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.059 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



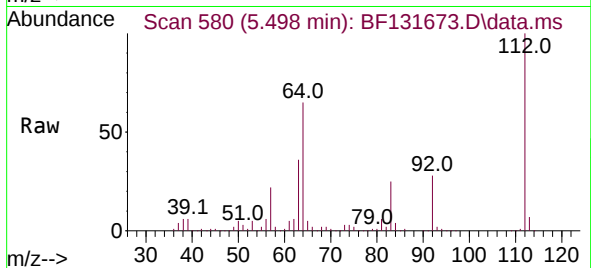
Tgt Ion: 42 Resp: 106513
Ion Ratio Lower Upper
42 100
74 129.5 90.2 135.2
44 6.2 3.7 5.5





#5
2-Fluorophenol
Concen: 126.675 ng
RT: 5.498 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

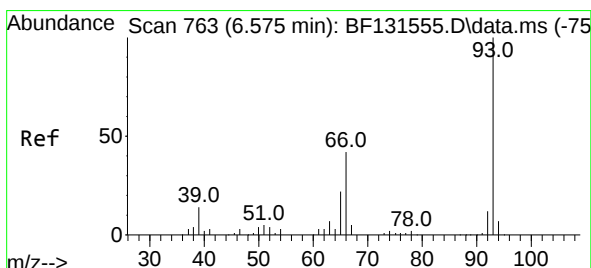
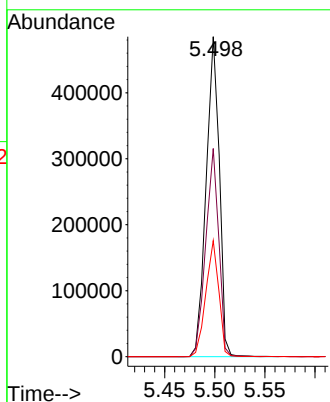
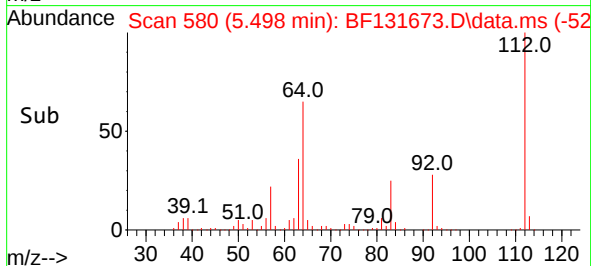
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion:112 Resp: 445900
Ion Ratio Lower Upper
112 100
64 65.1 54.5 81.7
63 36.2 31.9 47.9

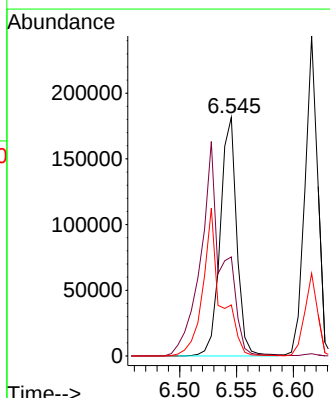
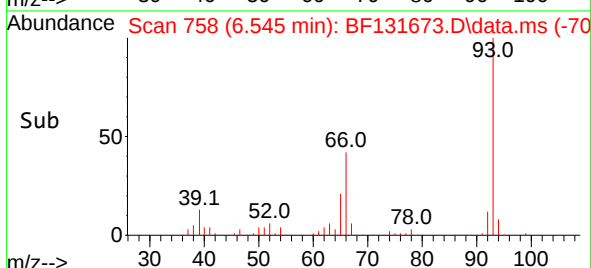
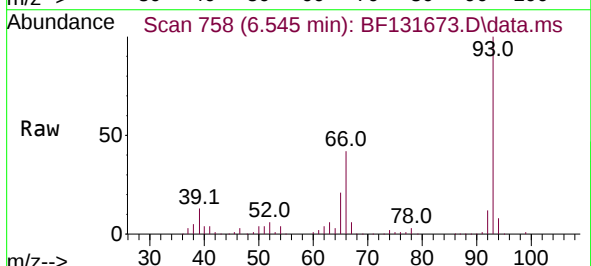
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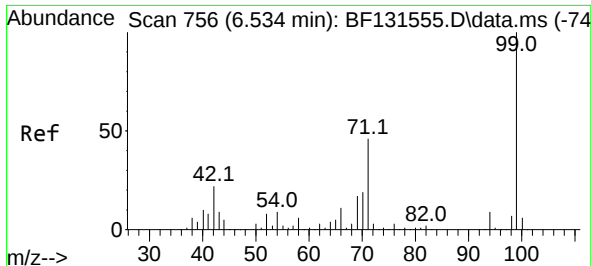
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#6
Aniline
Concen: 33.338 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

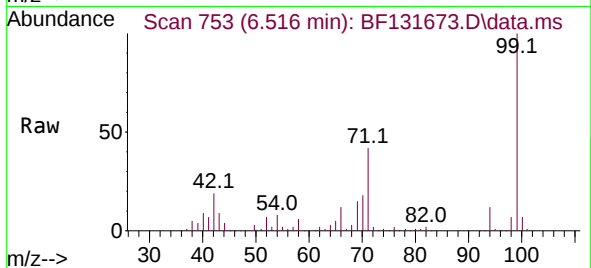
Tgt Ion: 93 Resp: 183913
Ion Ratio Lower Upper
93 100
66 41.5 34.6 51.8
65 21.4 17.7 26.5





#7
Phenol-d6
Concen: 125.150 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

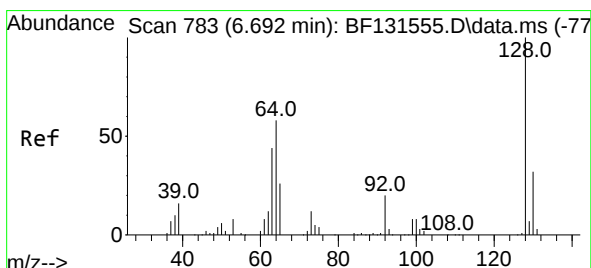
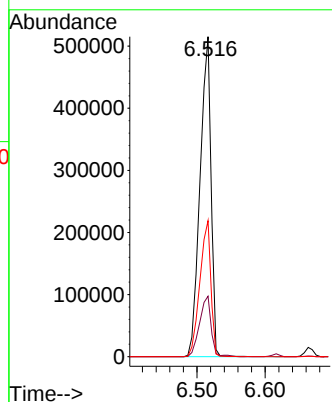
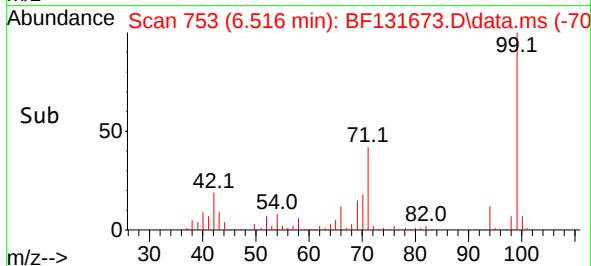
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion: 99 Resp: 57728
Ion Ratio Lower Upper
99 100
42 18.9 17.9 26.9
71 42.5 37.2 55.8

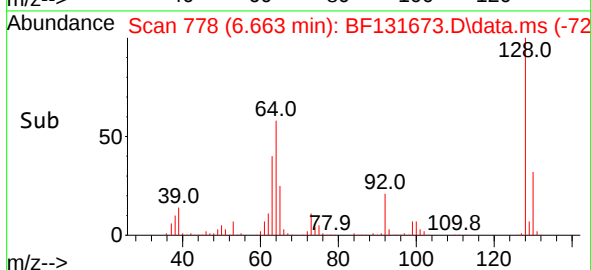
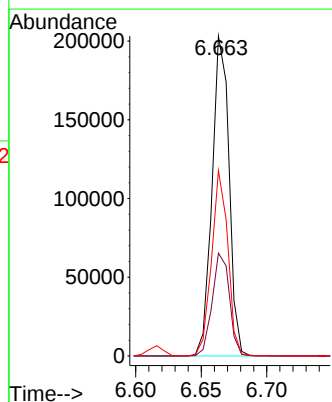
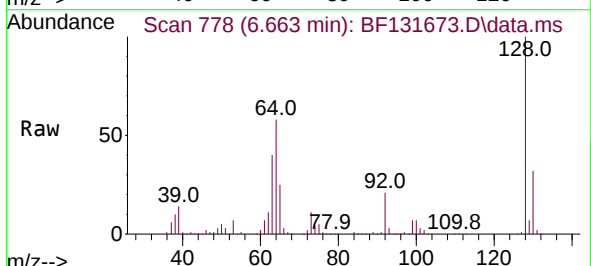
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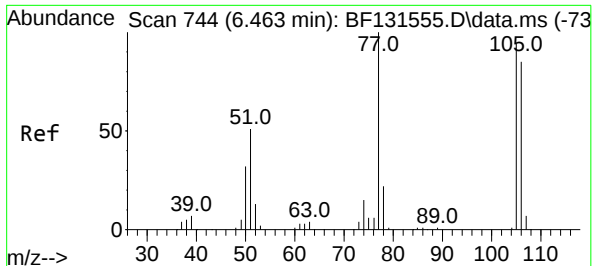
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#8
2-Chlorophenol
Concen: 49.035 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Tgt Ion:128 Resp: 182914
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 58.0 40.6 80.6





#9

Benzaldehyde

Concen: 51.250 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion: 77 Resp: 16194

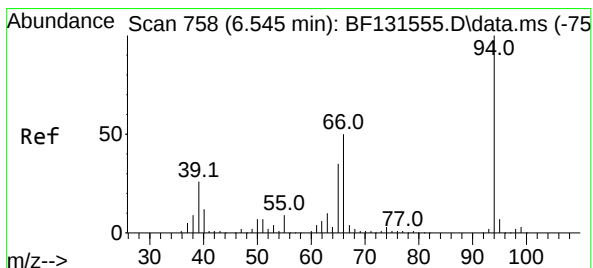
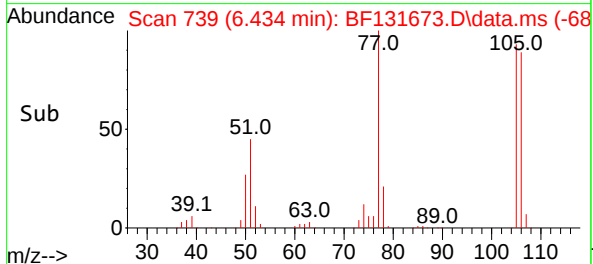
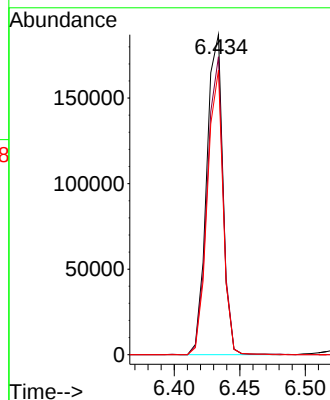
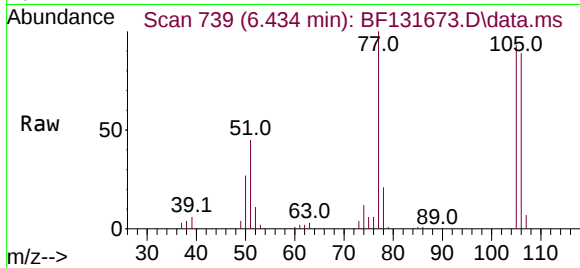
Ion	Ratio	Lower	Upper
77	100		
105	93.1	73.8	113.8
106	88.9	65.2	105.2

Manual Integrations

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Supervised By :mohammad ahmed 12/19/2022



#10

Phenol

Concen: 50.511 ng m

RT: 6.528 min Scan# 755

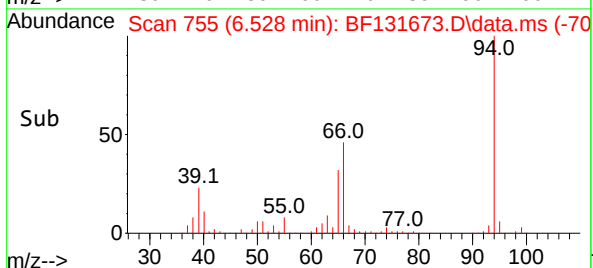
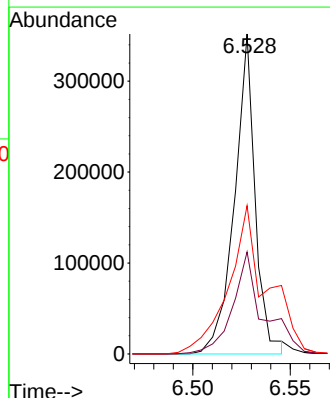
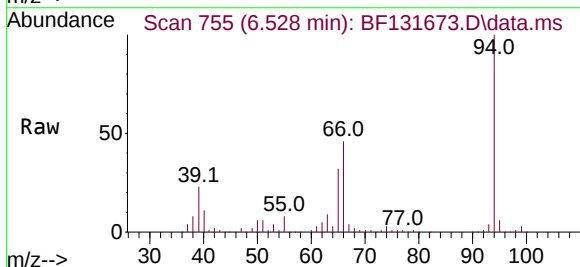
Delta R.T. 0.000 min

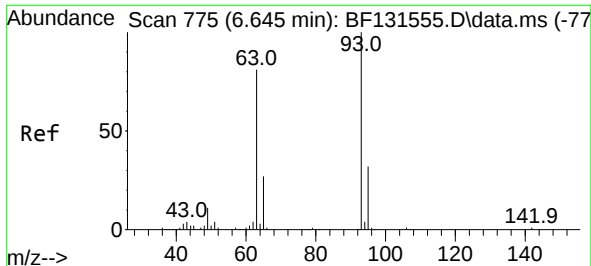
Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Tgt Ion: 94 Resp: 259891

Ion	Ratio	Lower	Upper
94	100		
65	31.9	14.8	54.8
66	46.4	30.8	70.8





#11

bis(2-Chloroethyl)ether

Concen: 49.689 ng

RT: 6.616 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

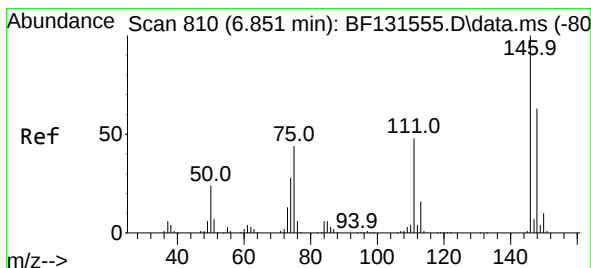
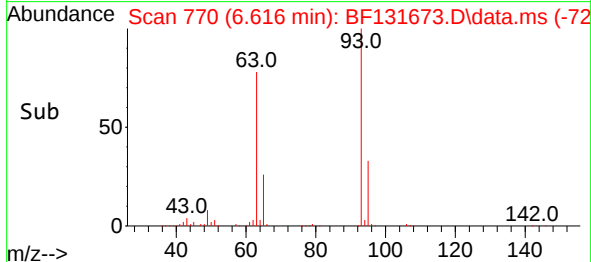
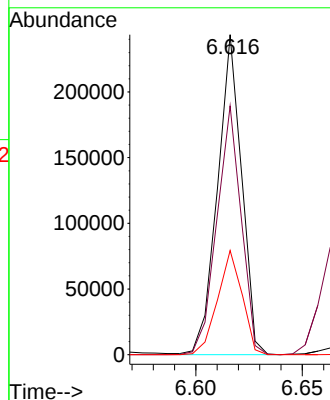
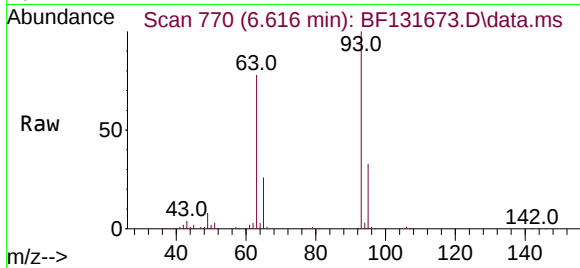
Tgt Ion: 93	Resp: 19164
Ion Ratio	Lower Upper
93	100
63	77.7 60.4 100.4
95	32.5 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#12

1,3-Dichlorobenzene

Concen: 47.801 ng

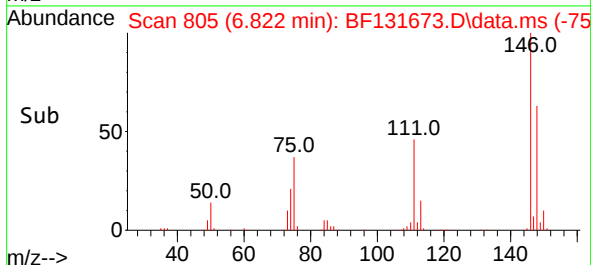
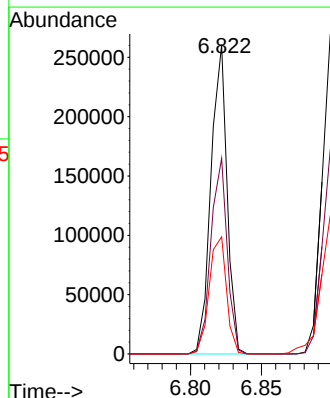
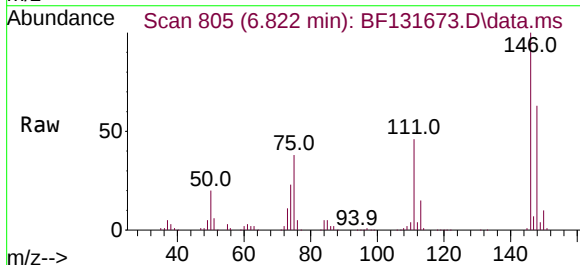
RT: 6.822 min Scan# 805

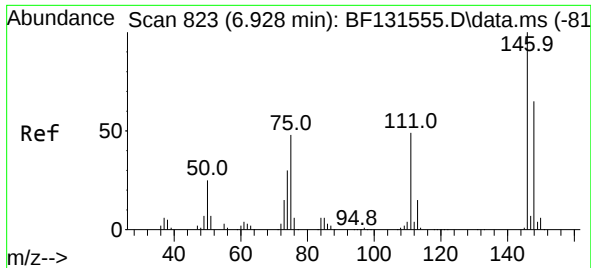
Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

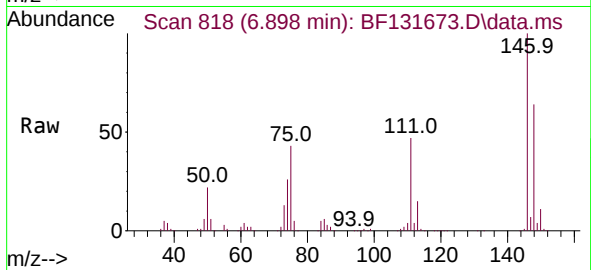
Tgt Ion:146	Resp: 206734
Ion Ratio	Lower Upper
146	100
148	63.3 50.7 76.1
75	37.9 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 47.898 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

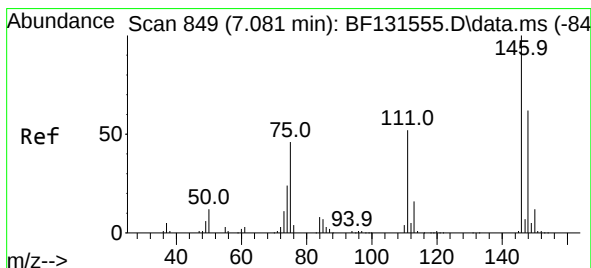
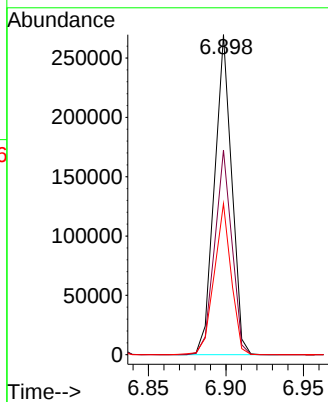
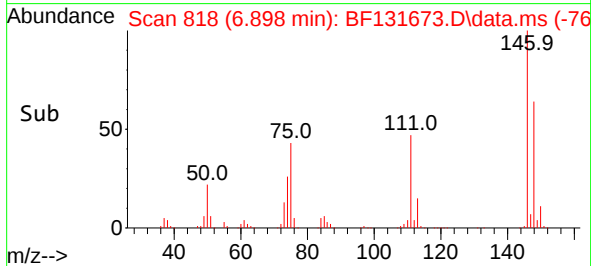
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



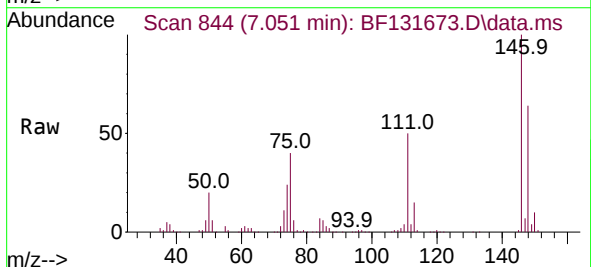
Tgt Ion:146 Resp: 208949
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 47.2 38.9 58.3

Manual Integrations
APPROVED

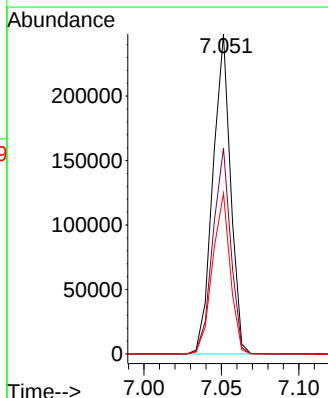
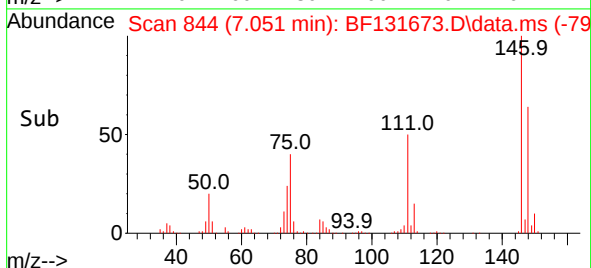
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

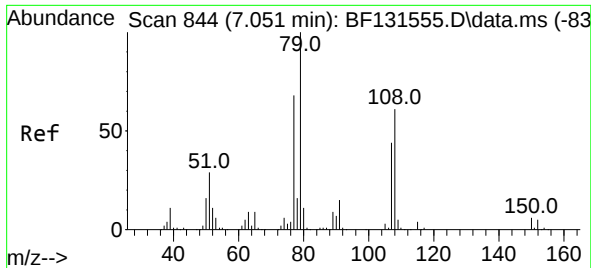


#14
1,2-Dichlorobenzene
Concen: 47.437 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



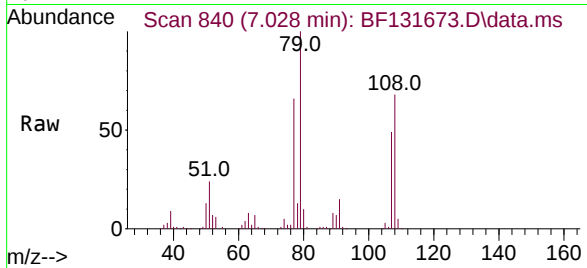
Tgt Ion:146 Resp: 197681
Ion Ratio Lower Upper
146 100
148 64.4 49.9 74.9
111 50.2 41.8 62.6





#15
Benzyl Alcohol
Concen: 46.690 ng
RT: 7.028 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

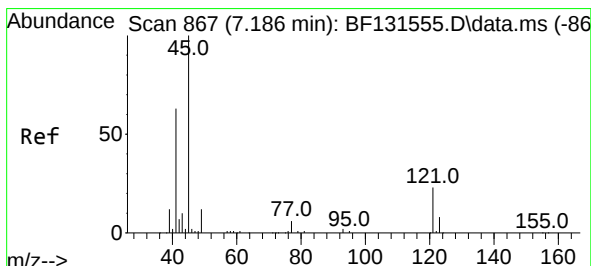
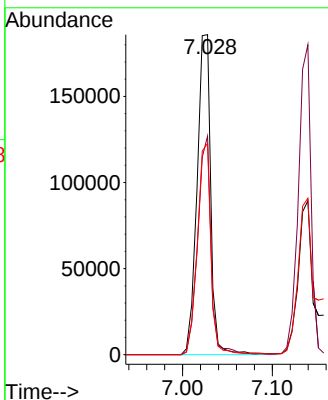
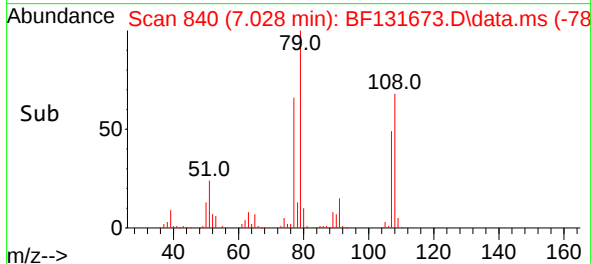
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion: 79 Resp: 19744
Ion Ratio Lower Upper
79 100
108 68.3 49.2 73.8
77 66.0 54.5 81.7

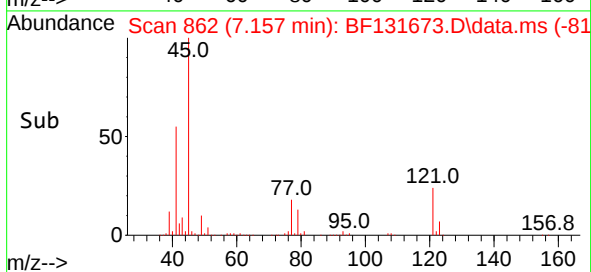
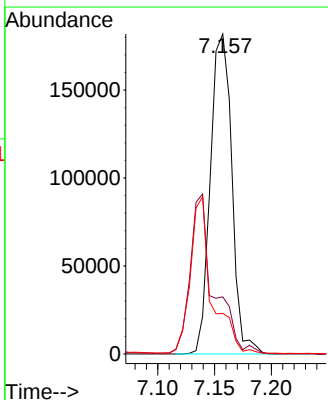
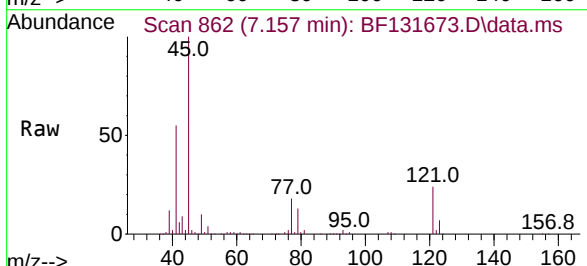
Manual Integrations
APPROVED

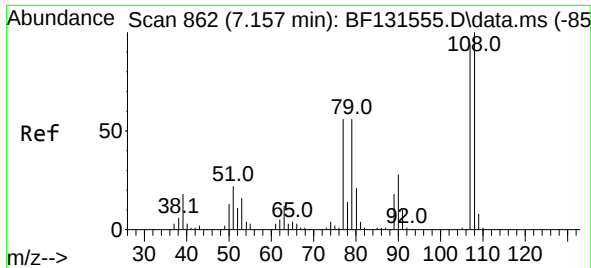
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.917 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

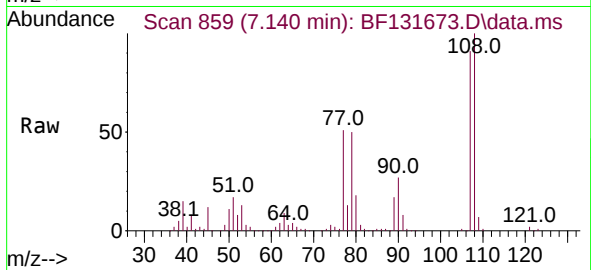
Tgt Ion: 45 Resp: 238725
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 12.6 0.0 33.6





#17
2-Methylphenol
Concen: 48.391 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

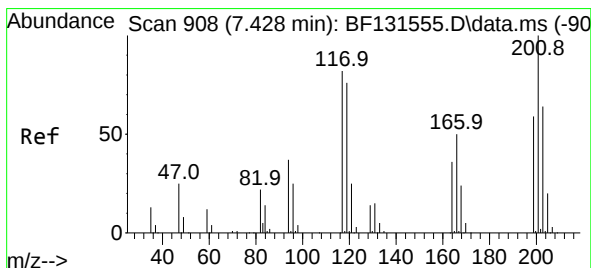
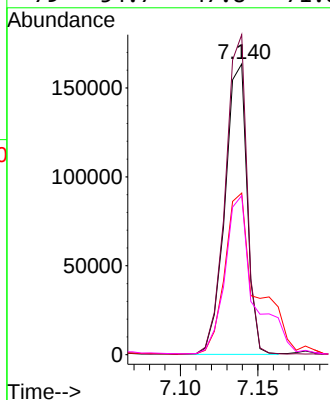
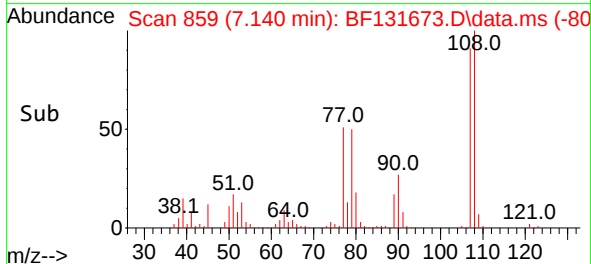
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



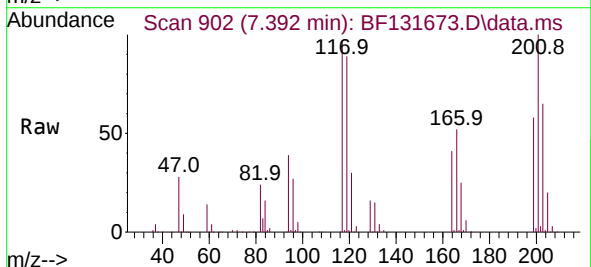
Tgt Ion:107 Resp: 162680
Ion Ratio Lower Upper
107 100
108 110.1 85.5 128.3
77 55.6 48.2 72.4
79 54.7 47.8 71.8

Manual Integrations
APPROVED

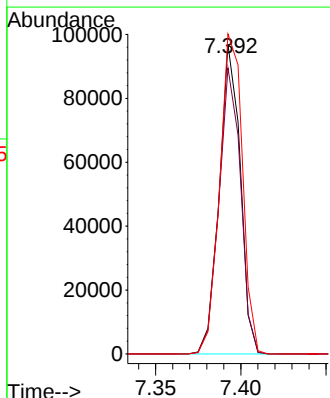
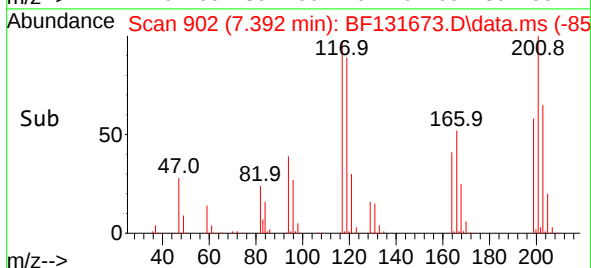
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

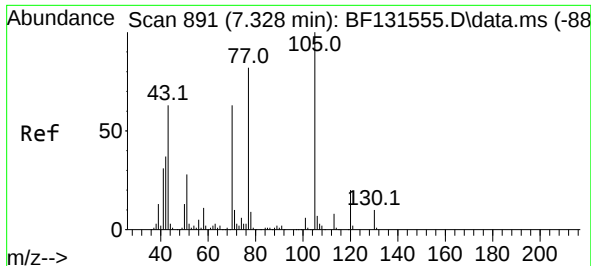


#18
Hexachloroethane
Concen: 47.125 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:117 Resp: 82929
Ion Ratio Lower Upper
117 100
119 92.4 75.0 112.4
201 103.4 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.745 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF131673.D

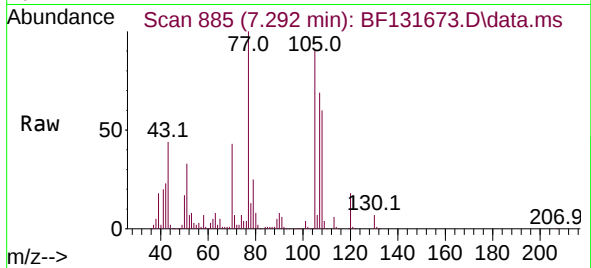
Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS



Tgt Ion: 70 Resp: 15476

Ion Ratio Lower Upper

70 100

42 53.3 46.4 69.6

101 8.6 7.2 10.8

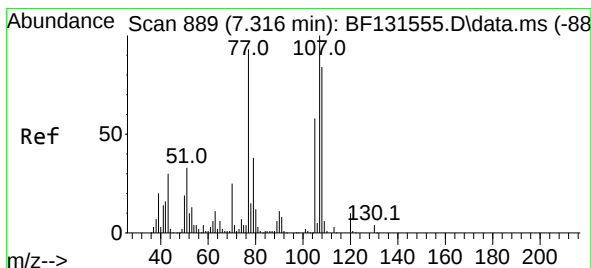
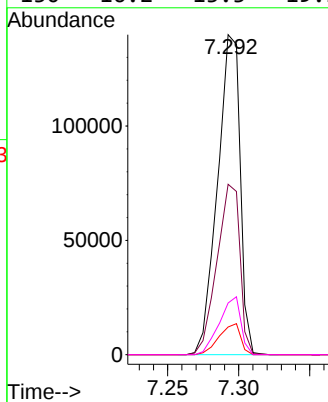
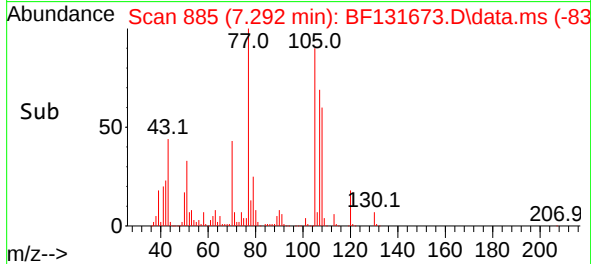
130 16.2 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#20

3+4-Methylphenols

Concen: 45.122 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Tgt Ion:107 Resp: 206619

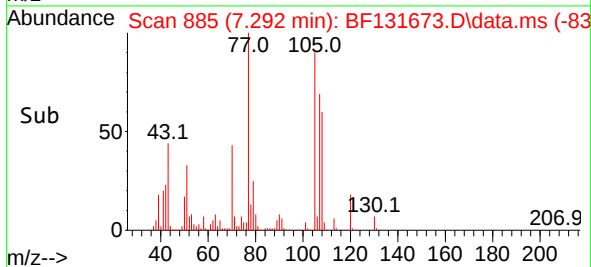
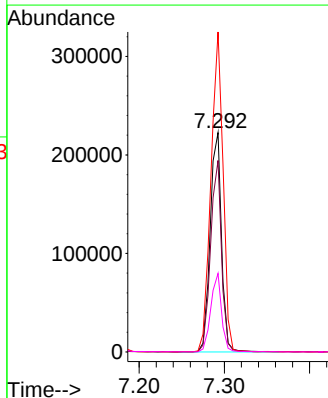
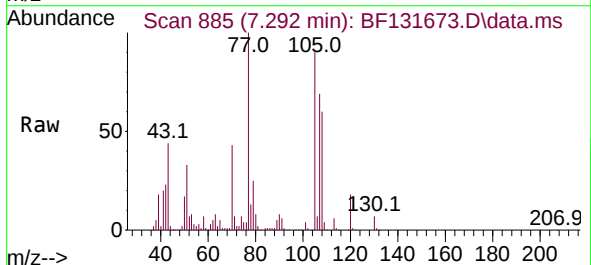
Ion Ratio Lower Upper

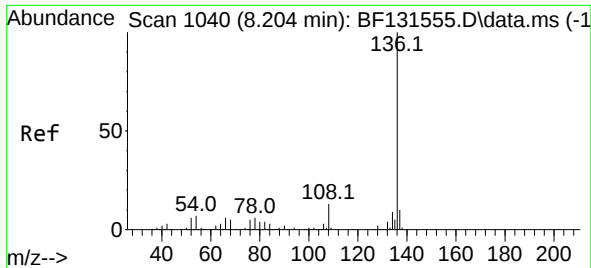
107 100

108 87.3 64.0 104.0

77 145.8 73.1 113.1#

79 35.8 18.2 58.2





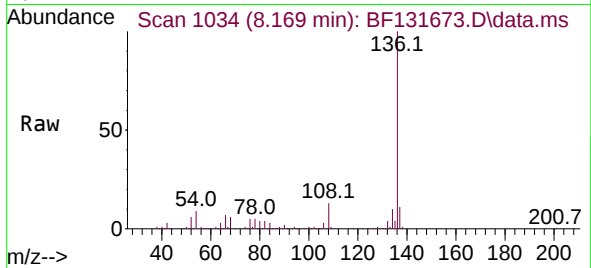
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS



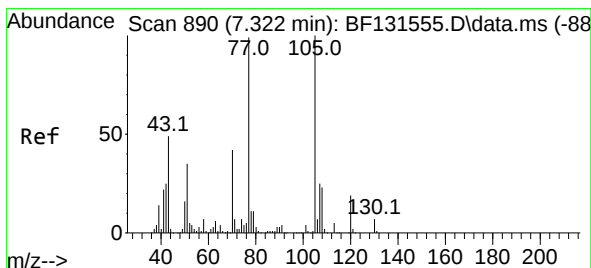
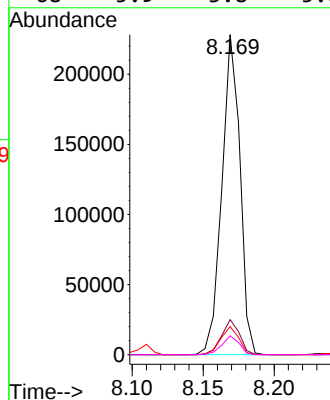
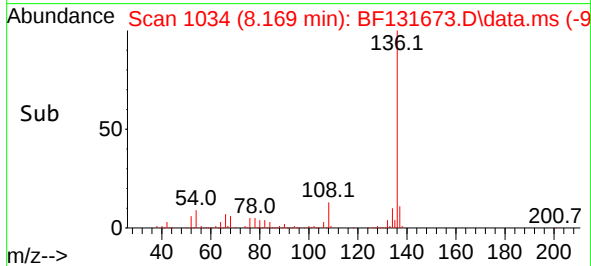
Tgt Ion:136 Resp: 201539
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 8.8 6.0 9.0
68 5.9 3.8 5.8#

Manual Integrations

APPROVED

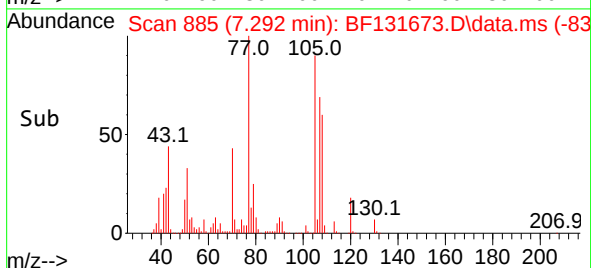
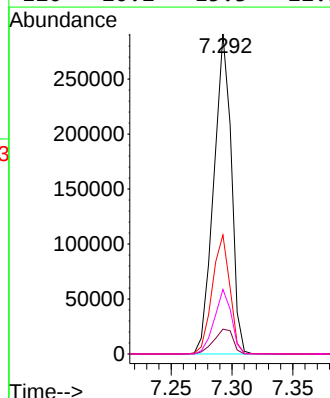
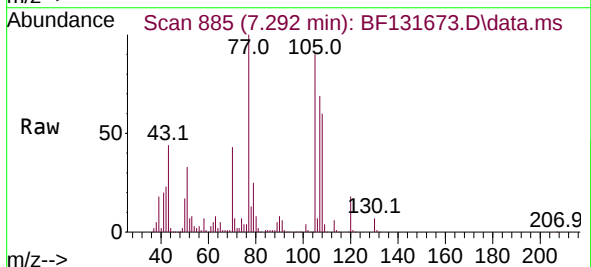
Reviewed By :Yogesh Patel 12/19/2022

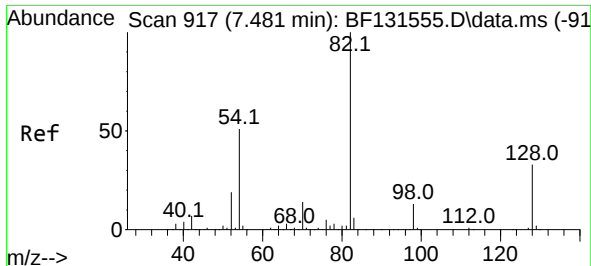
Supervised By :mohammad ahmed 12/19/2022



#22
Acetophenone
Concen: 46.053 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

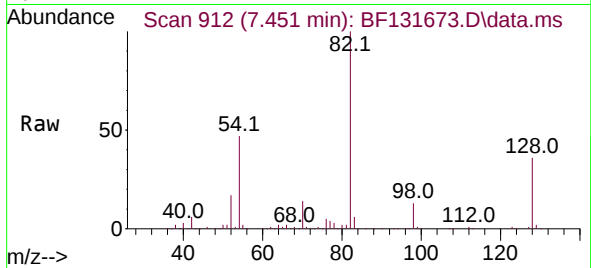
Tgt Ion:105 Resp: 290859
Ion Ratio Lower Upper
105 100
71 7.8 5.4 8.0
51 37.2 27.8 41.6
120 20.2 15.3 22.9





#23
Nitrobenzene-d5
Concen: 74.225 ng
RT: 7.451 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

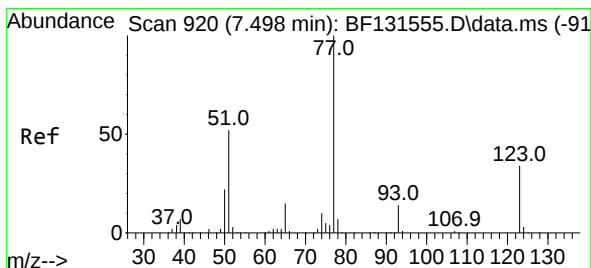
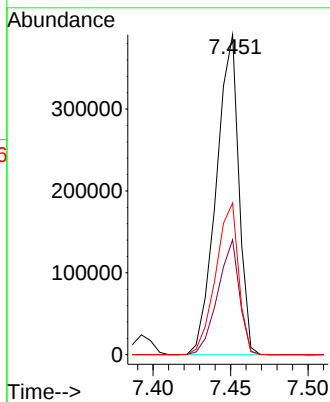
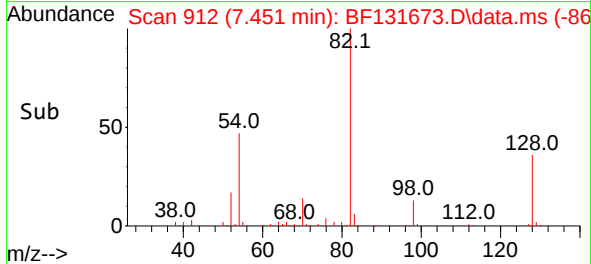
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion: 82 Resp: 39567
Ion Ratio Lower Upper
82 100
128 35.9 26.1 39.1
54 47.4 40.6 60.8

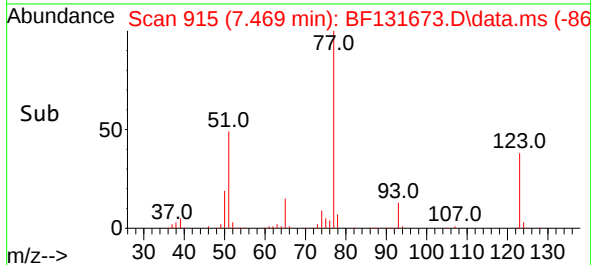
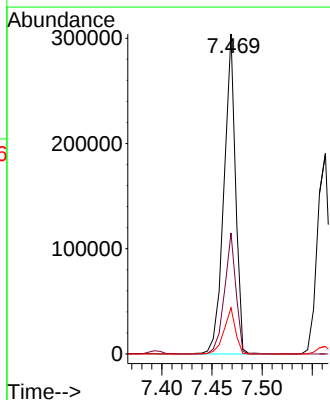
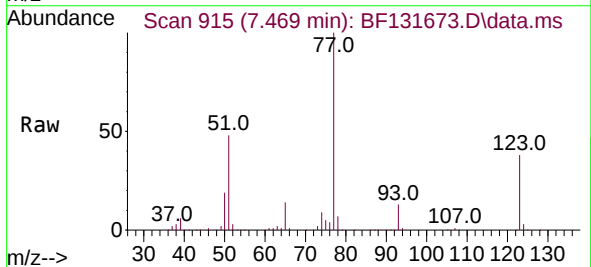
Manual Integrations
APPROVED

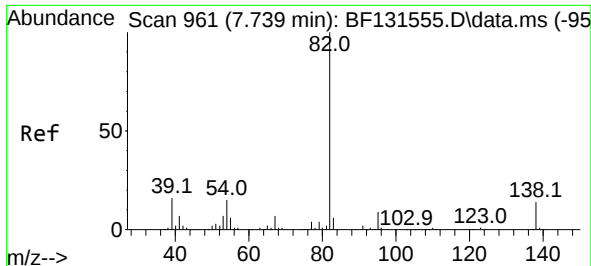
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Nitrobenzene
Concen: 45.467 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Tgt Ion: 77 Resp: 244456
Ion Ratio Lower Upper
77 100
123 37.8 27.1 40.7
65 14.4 11.9 17.9





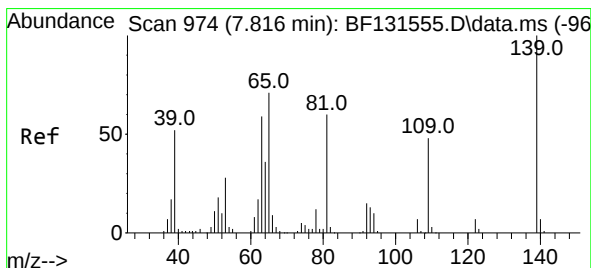
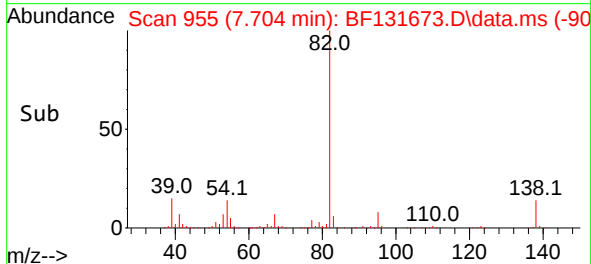
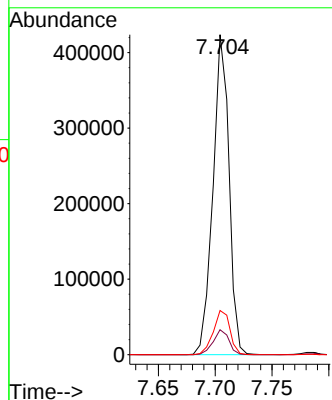
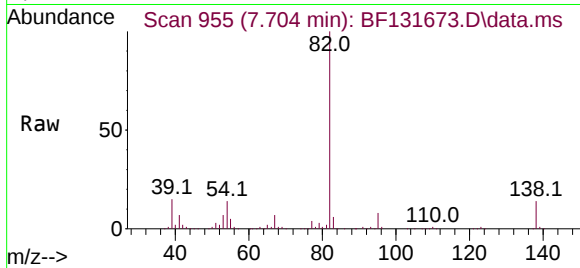
#25
Isophorone
Concen: 48.445 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS

Tgt Ion: 82 Resp: 415970
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 13.8 11.4 17.0

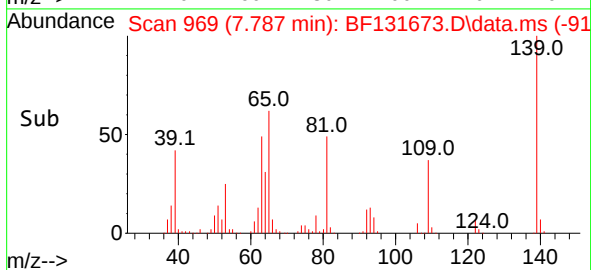
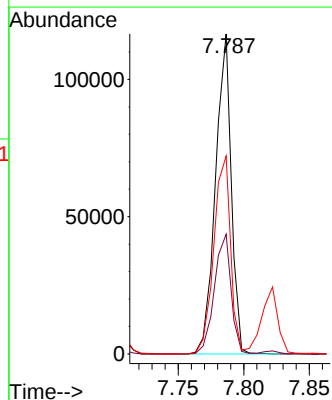
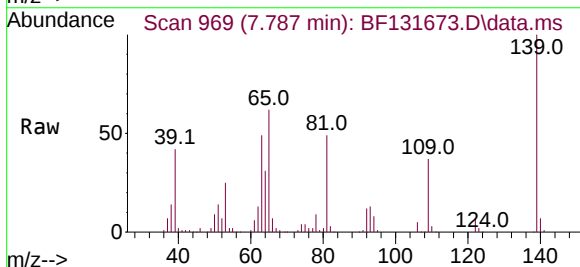
Manual Integrations
APPROVED

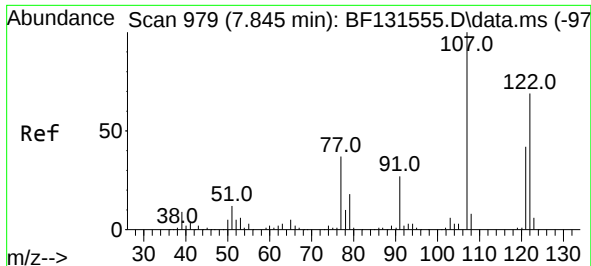
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
2-Nitrophenol
Concen: 53.109 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Tgt Ion:139 Resp: 97375
Ion Ratio Lower Upper
139 100
109 37.4 38.6 58.0#
65 61.9 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 56.671 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion:122 Resp: 15926

Ion Ratio Lower Upper

122 100

107 137.0 114.2 171.2

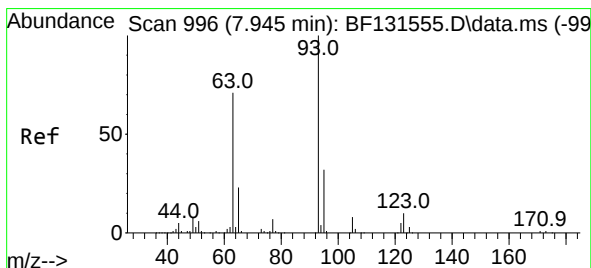
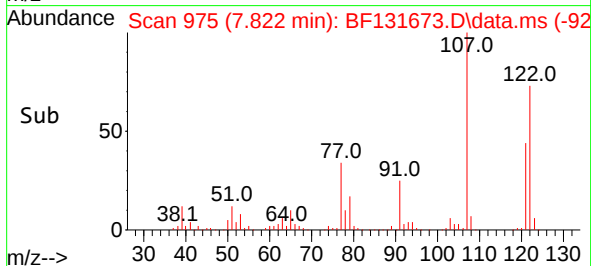
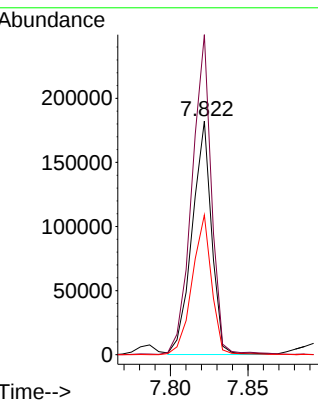
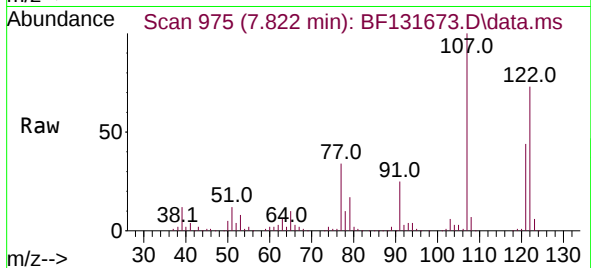
121 59.8 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.978 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

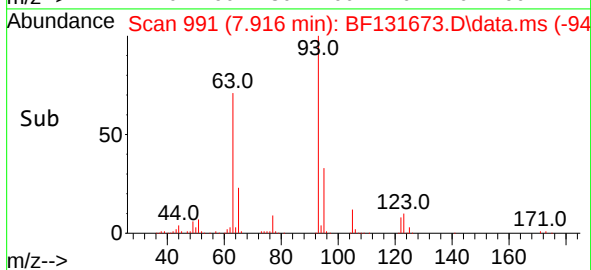
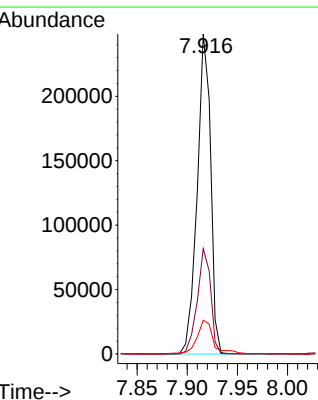
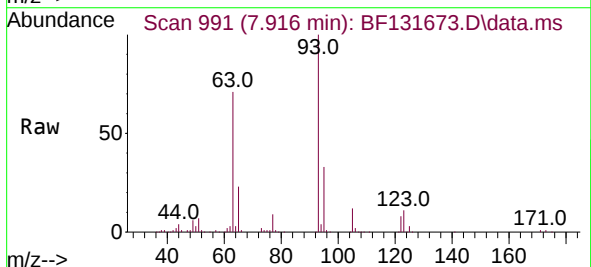
Tgt Ion: 93 Resp: 230879

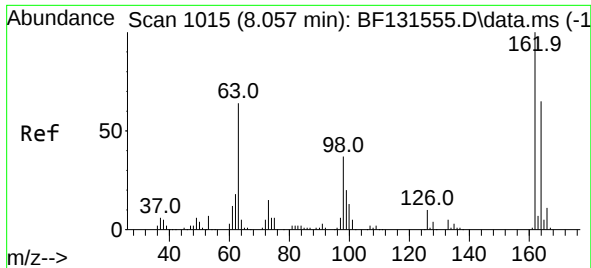
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 45.617 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion:162 Resp: 15851

Ion Ratio Lower Upper

162 100

164 65.7 45.0 85.0

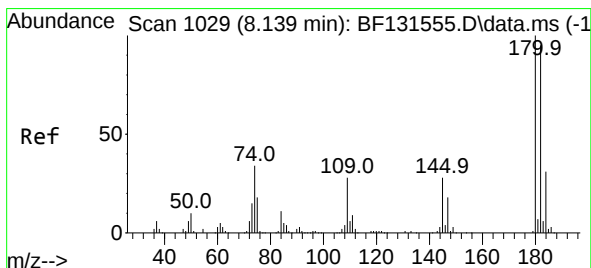
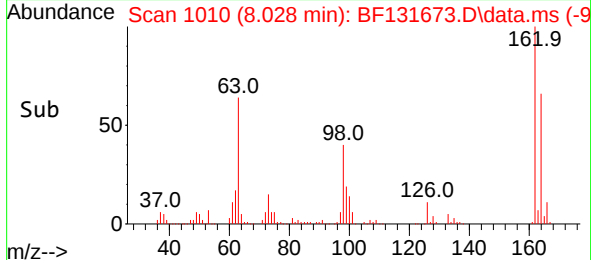
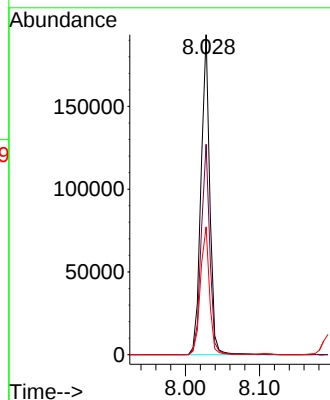
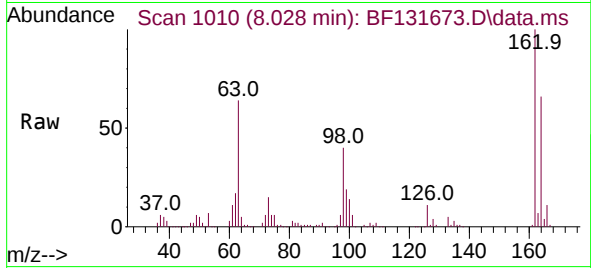
98 39.9 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.188 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

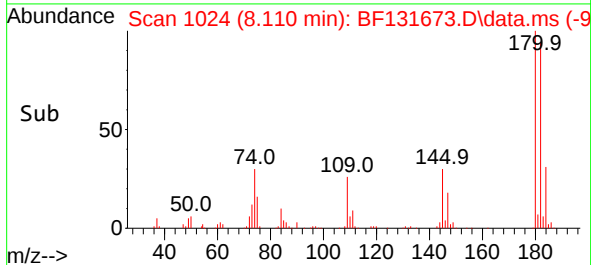
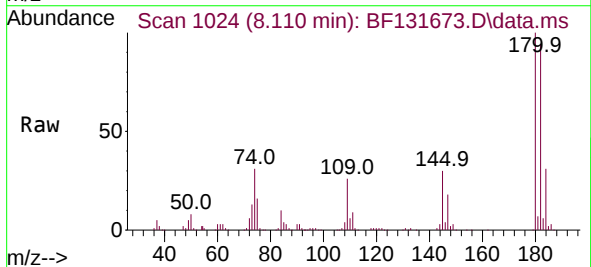
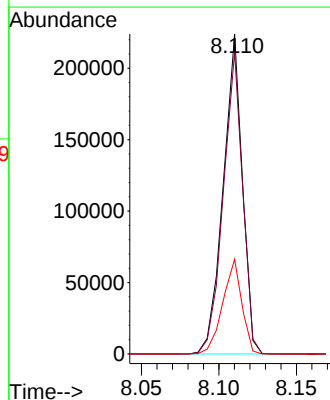
Tgt Ion:180 Resp: 192561

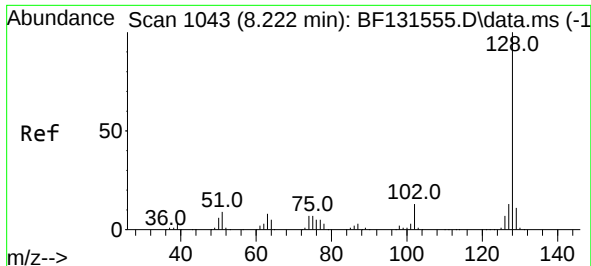
Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

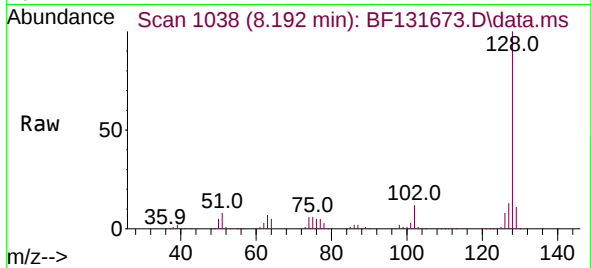
145 29.6 22.4 33.6





#31
Naphthalene
Concen: 45.739 ng
RT: 8.192 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

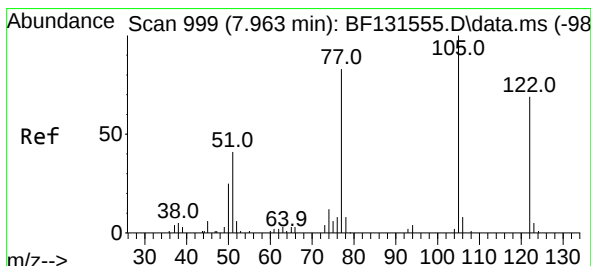
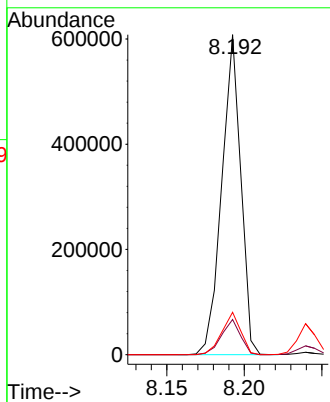
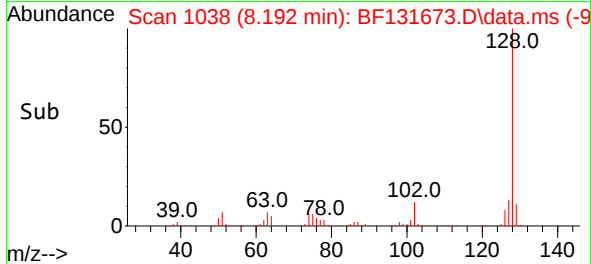
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion:128 Resp: 51920
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.6 15.8

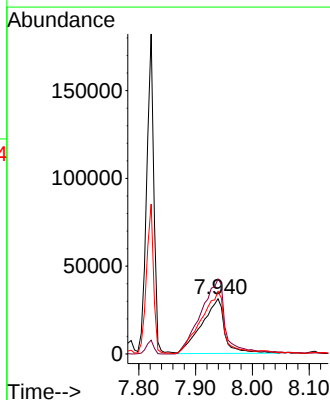
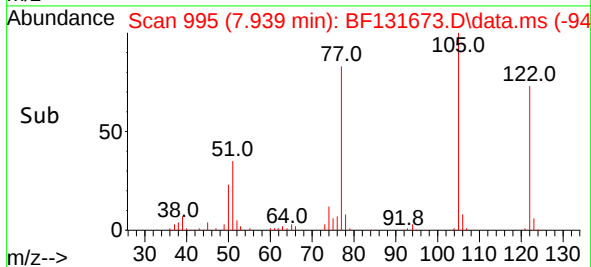
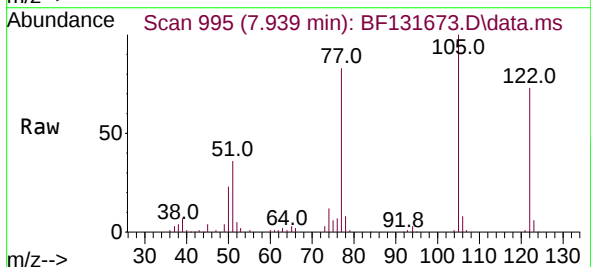
Manual Integrations
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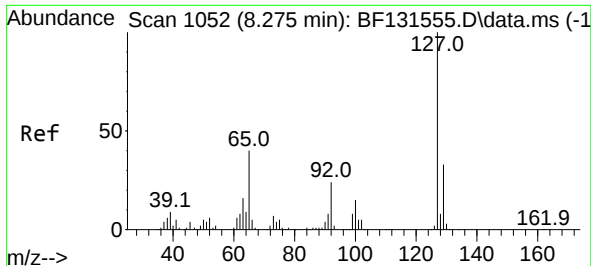
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#32
Benzoic acid
Concen: 43.192 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Tgt Ion:122 Resp: 87907
Ion Ratio Lower Upper
122 100
105 136.1 119.8 159.8
77 113.4 97.6 137.6





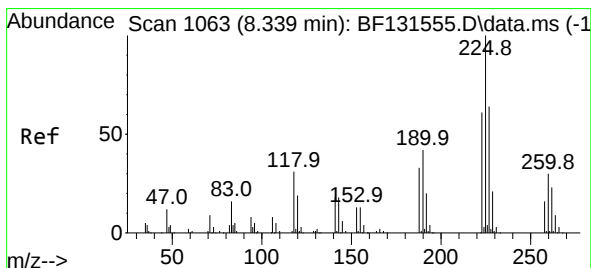
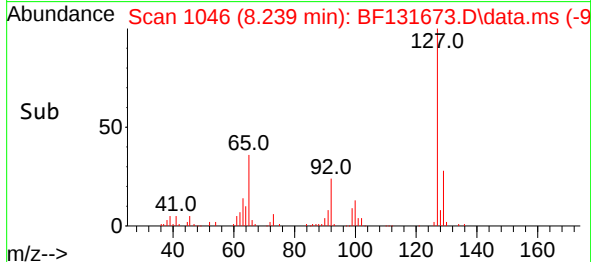
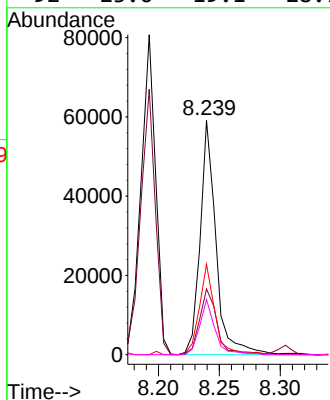
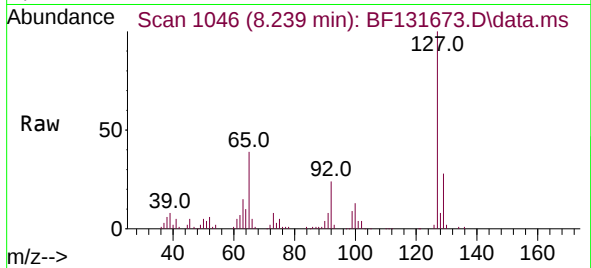
#33
4-Chloroaniline
Concen: 12.622 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS

Tgt Ion:	127	Resp:	5370
Ion Ratio	Lower	Upper	
127	100		
129	28.1	26.4	39.6
65	38.6	31.9	47.9
92	23.6	19.1	28.7

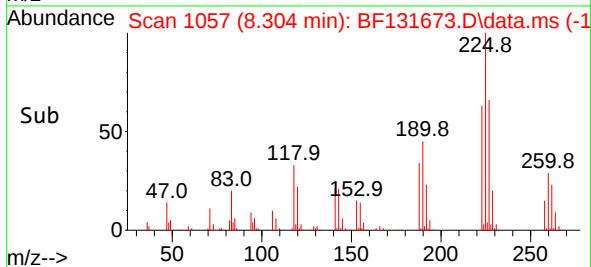
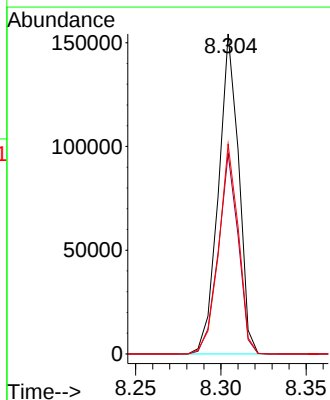
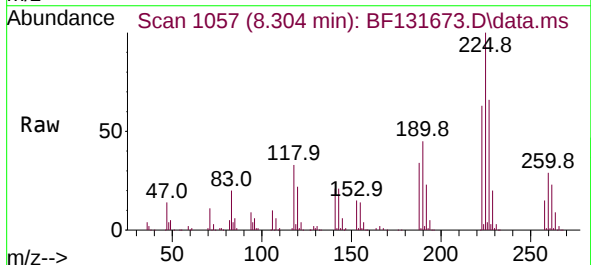
Manual Integrations
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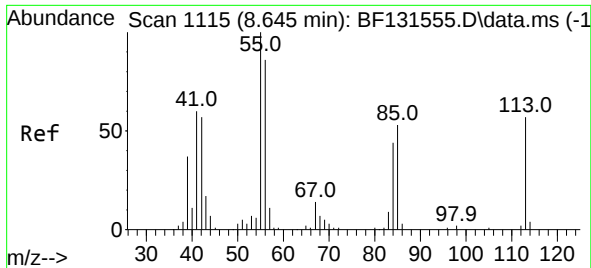
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#34
Hexachlorobutadiene
Concen: 42.422 ng
RT: 8.304 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

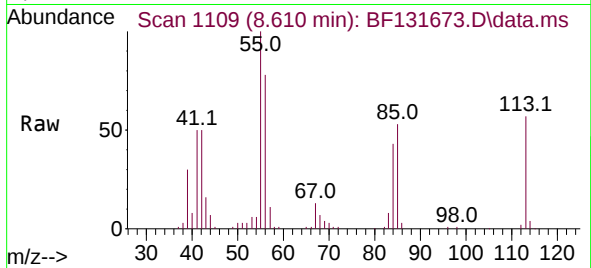
Tgt Ion:	225	Resp:	127403
Ion Ratio	Lower	Upper	
225	100		
223	62.6	48.7	73.1
227	65.6	51.0	76.6





#35
Caprolactam
Concen: 51.312 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

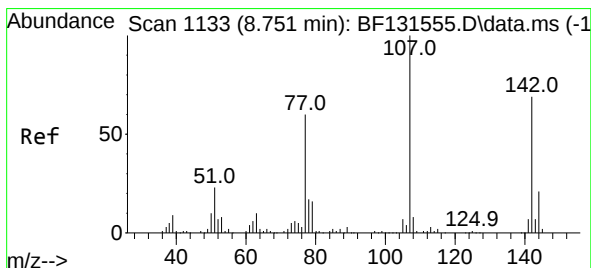
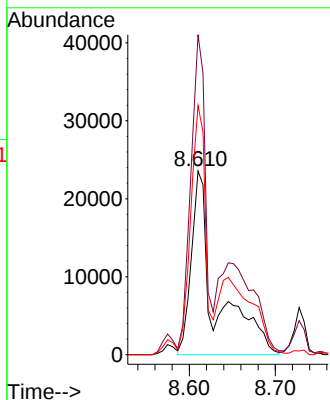
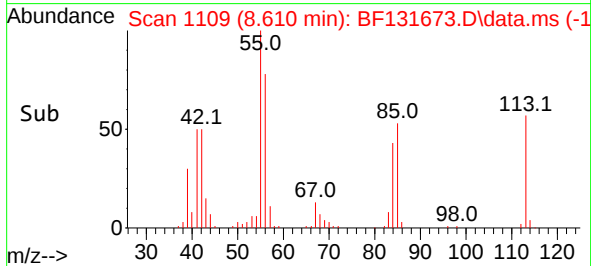
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion:113 Resp: 4612
Ion Ratio Lower Upper
113 100
55 174.2 155.8 195.8
56 135.6 131.7 171.7

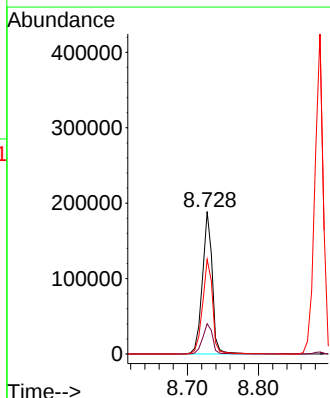
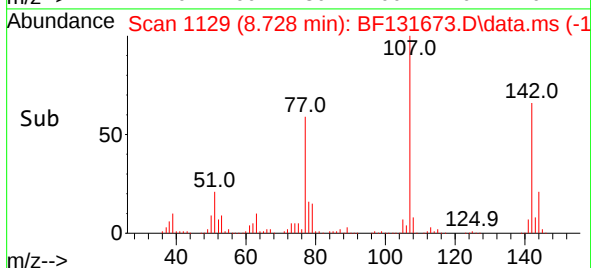
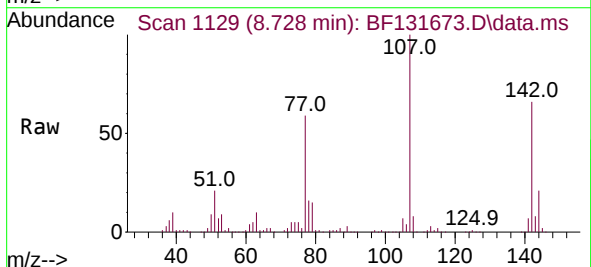
Manual Integrations
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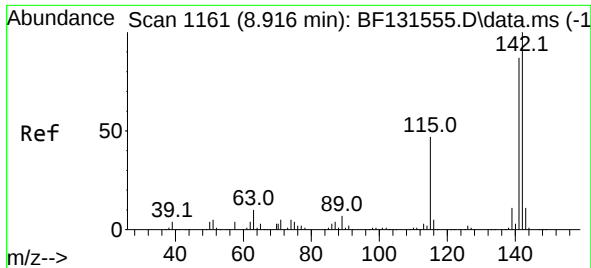
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#36
4-Chloro-3-methylphenol
Concen: 46.805 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Tgt Ion:107 Resp: 182631
Ion Ratio Lower Upper
107 100
144 21.3 17.0 25.4
142 66.4 54.8 82.2





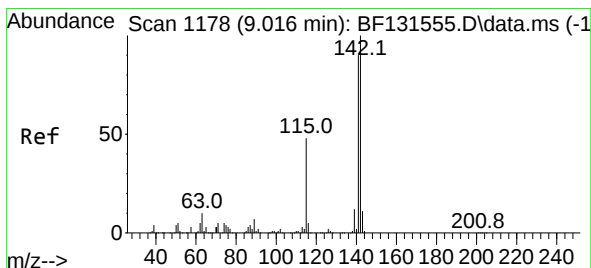
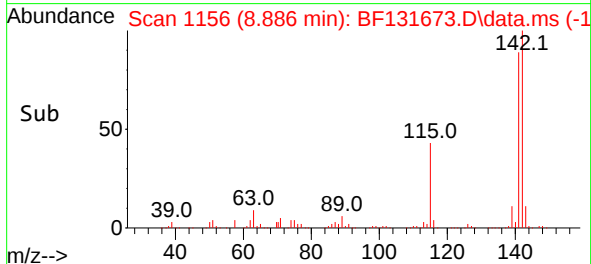
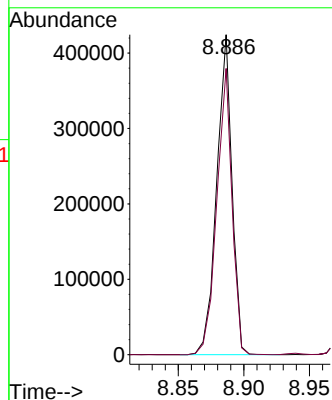
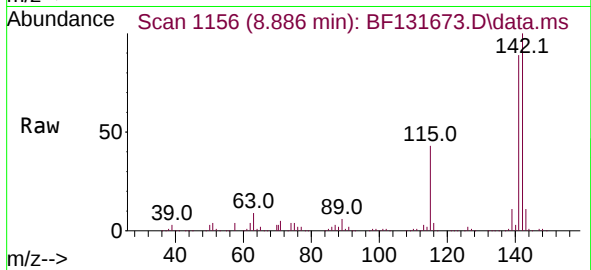
#37
2-Methylnaphthalene
Concen: 44.308 ng
RT: 8.886 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS

Tgt Ion:142 Resp: 343962
Ion Ratio Lower Upper
142 100
141 89.5 69.7 104.5

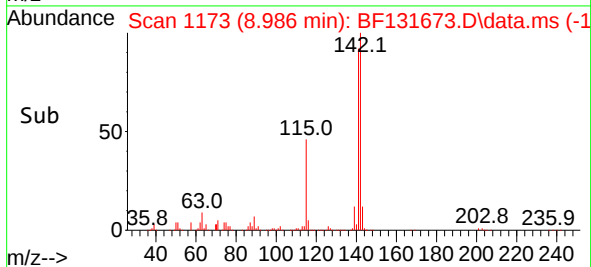
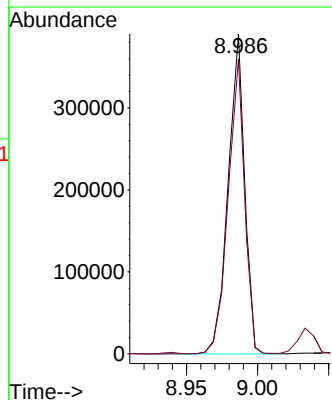
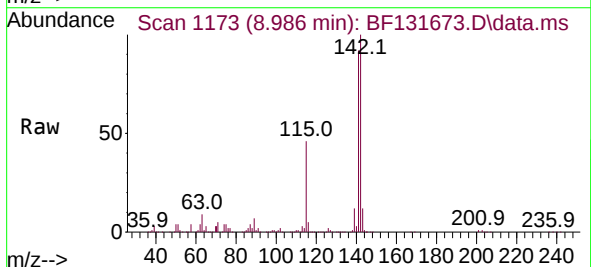
Manual Integrations
APPROVED

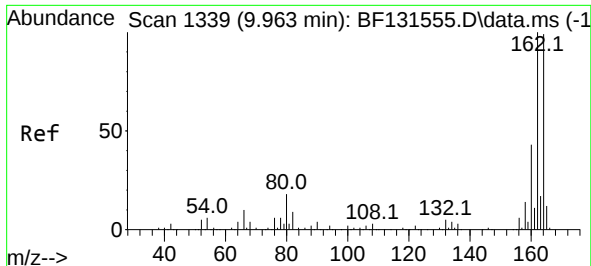
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#38
1-Methylnaphthalene
Concen: 42.248 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Tgt Ion:142 Resp: 314840
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF131673.D

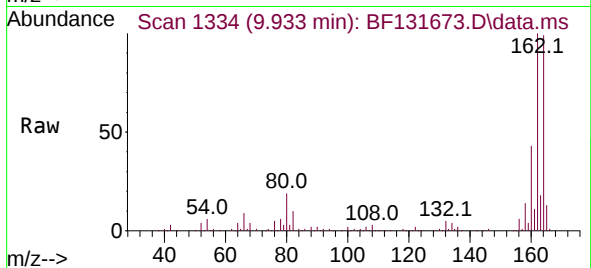
Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS



Tgt Ion:164 Resp: 112490

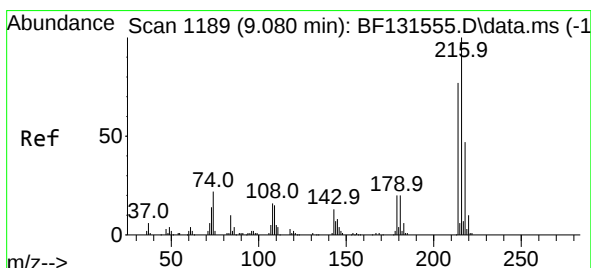
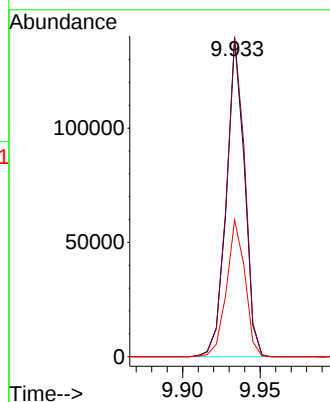
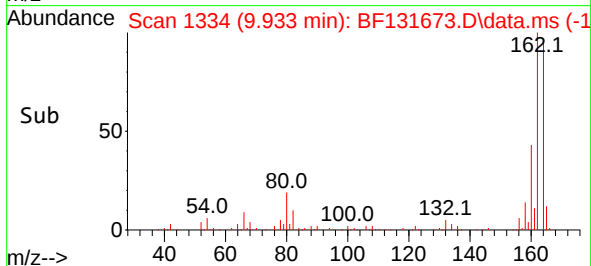
Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	43.0	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.783 ng

RT: 9.051 min Scan# 1184

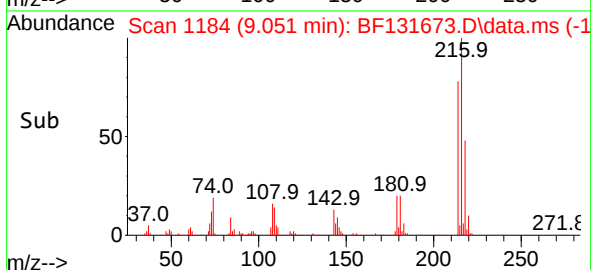
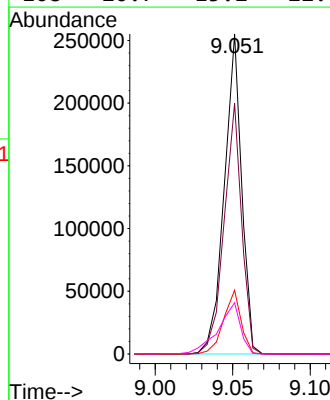
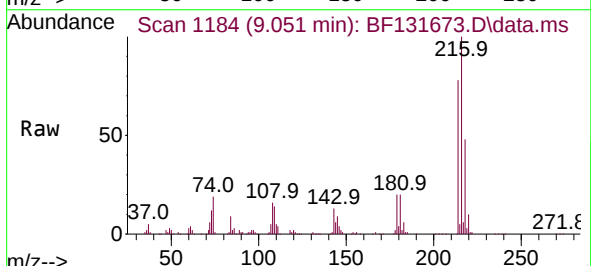
Delta R.T. 0.000 min

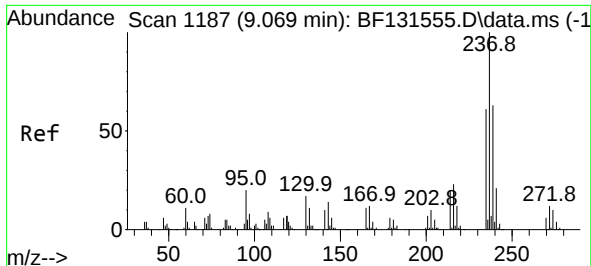
Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Tgt Ion:216 Resp: 198976

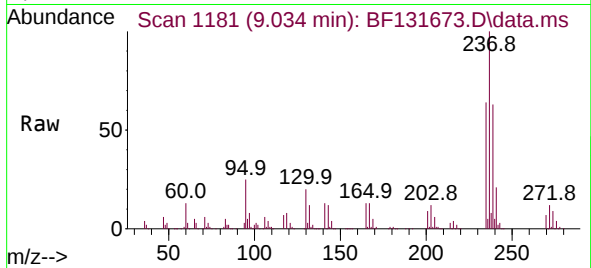
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.1	93.1
179	20.0	16.0	24.0
108	20.7	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 104.248 ng
RT: 9.034 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

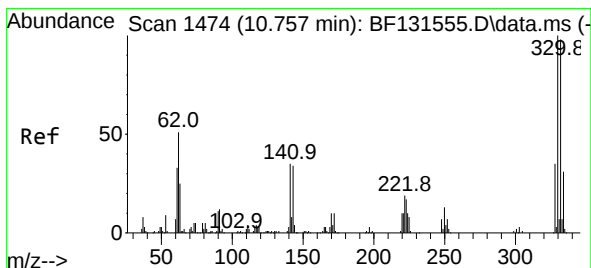
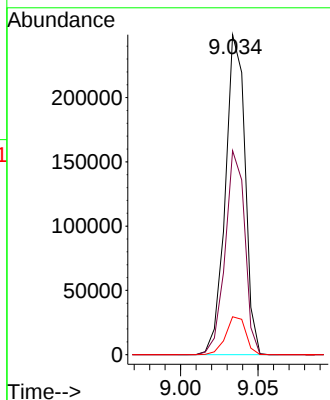
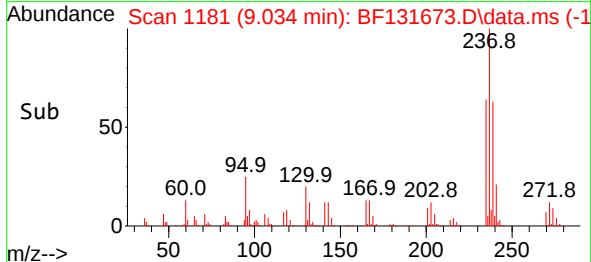
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



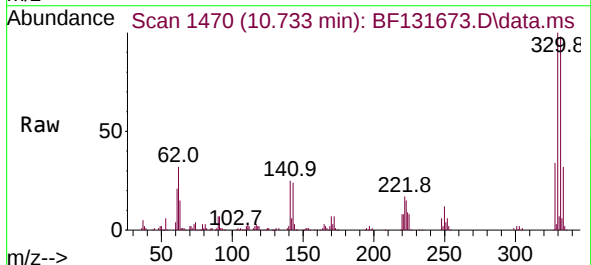
Tgt Ion:237 Resp: 220338
Ion Ratio Lower Upper
237 100
235 63.7 40.6 80.6
272 11.8 0.0 32.2

Manual Integrations
APPROVED

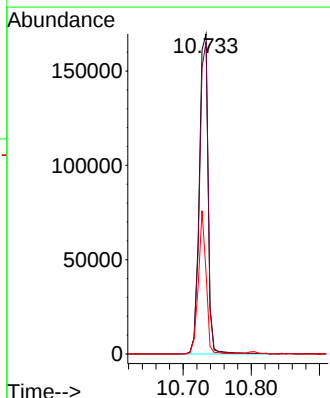
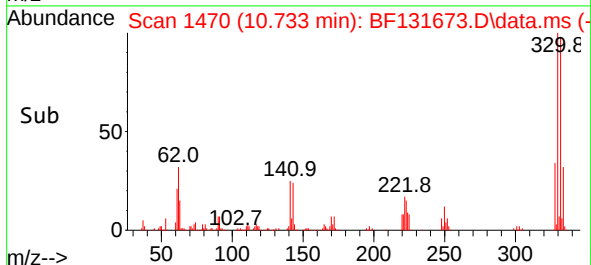
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

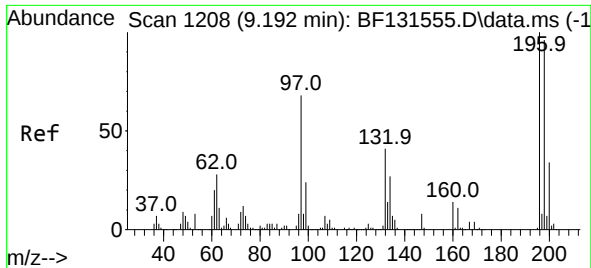


#42
2,4,6-Tribromophenol
Concen: 122.453 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



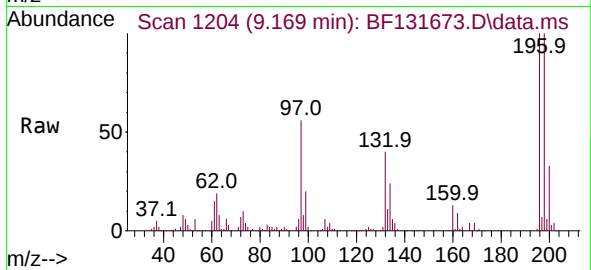
Tgt Ion:330 Resp: 153041
Ion Ratio Lower Upper
330 100
332 95.3 78.3 117.5
141 38.9 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 46.931 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

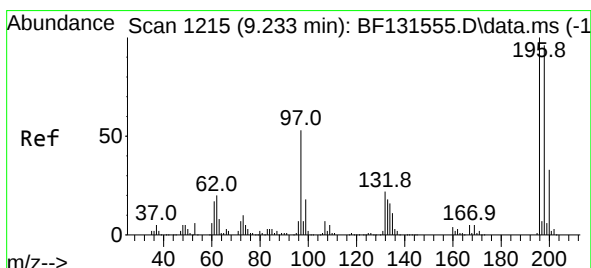
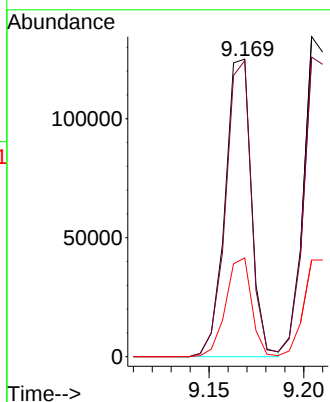
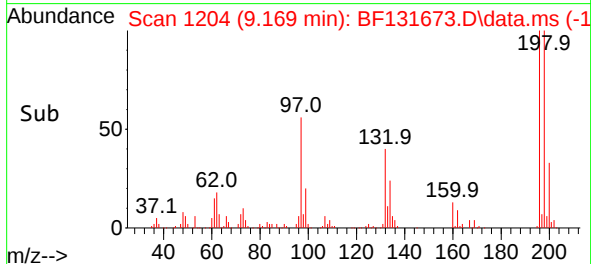
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



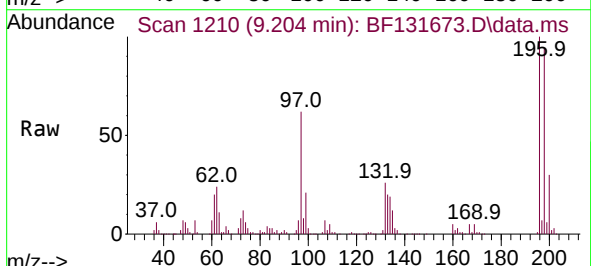
Tgt Ion:196 Resp: 120878
Ion Ratio Lower Upper
196 100
198 99.5 76.9 115.3
200 33.2 26.9 40.3

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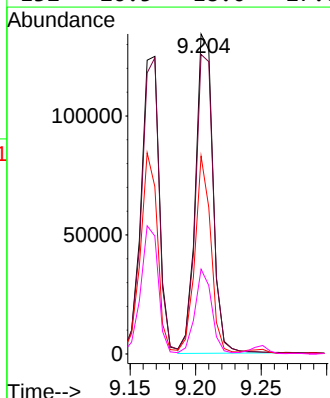
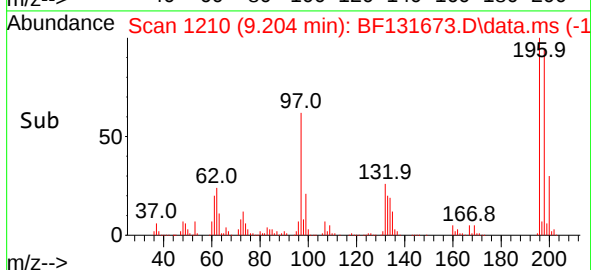
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

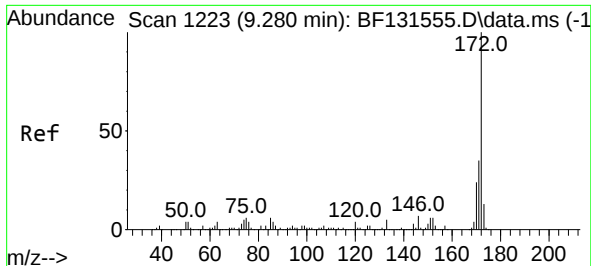


#44
2,4,5-Trichlorophenol
Concen: 45.269 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:196 Resp: 125392
Ion Ratio Lower Upper
196 100
198 93.6 77.2 115.8
97 61.8 42.2 63.2
132 26.5 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 71.776 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion:172 Resp: 640359

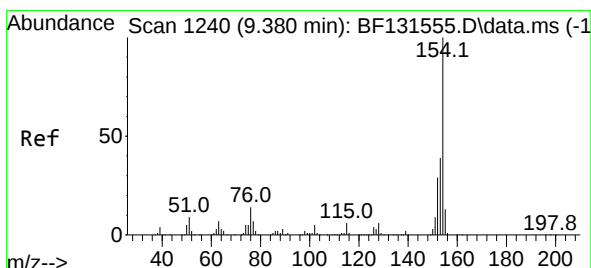
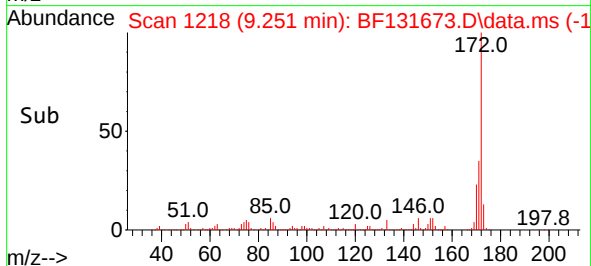
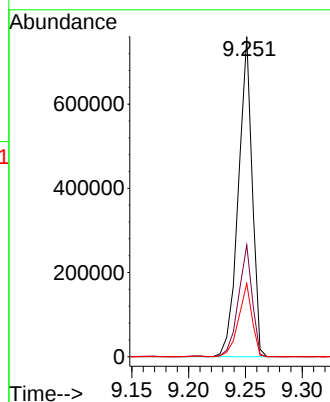
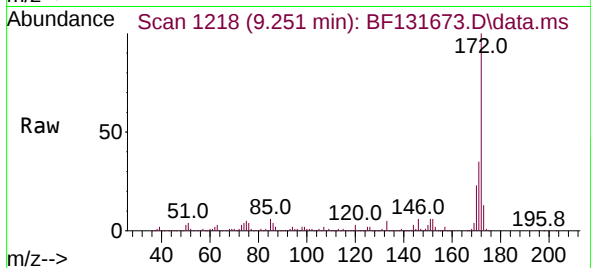
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.9	19.3	28.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#46

1,1'-Biphenyl

Concen: 48.431 ng

RT: 9.351 min Scan# 1235

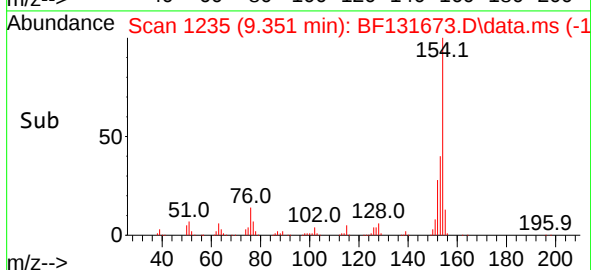
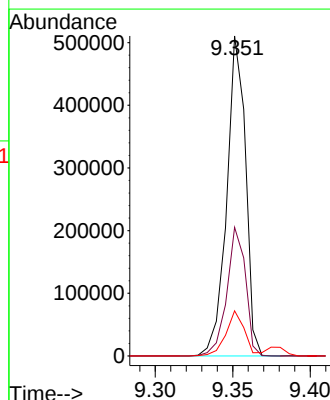
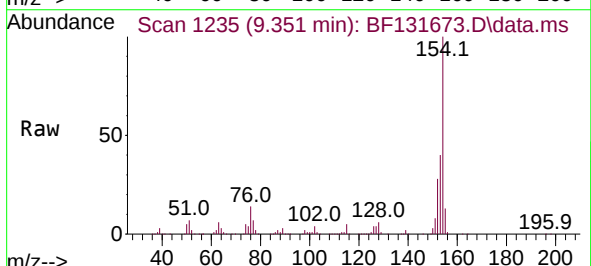
Delta R.T. -0.006 min

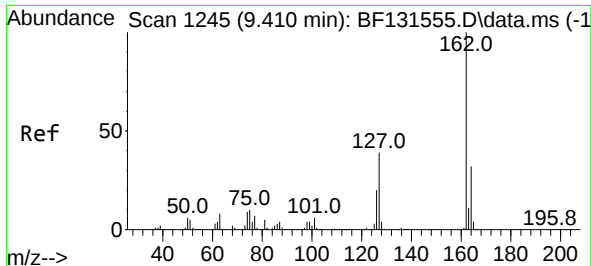
Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Tgt Ion:154 Resp: 430753

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.4	59.4
76	14.1	0.0	34.0





#47

2-Chloronaphthalene

Concen: 47.919 ng

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion:162 Resp: 347240

Ion Ratio Lower Upper

162 100

127 39.0 31.4 47.2

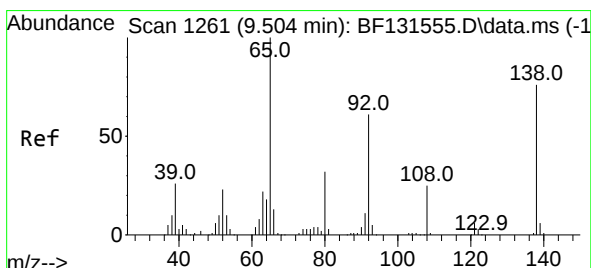
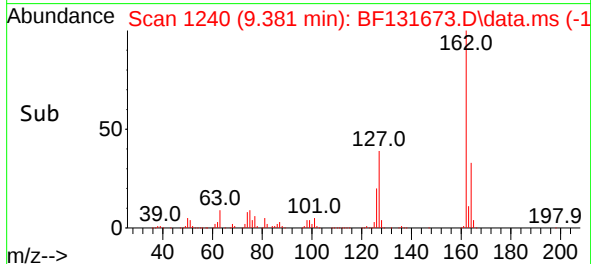
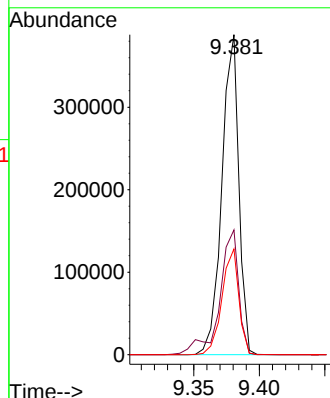
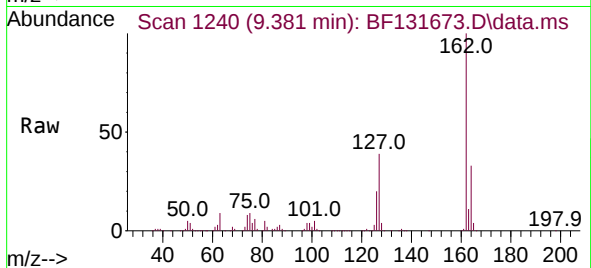
164 33.0 25.8 38.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#48

2-Nitroaniline

Concen: 46.354 ng

RT: 9.481 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

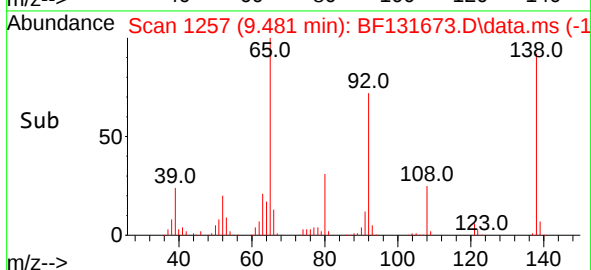
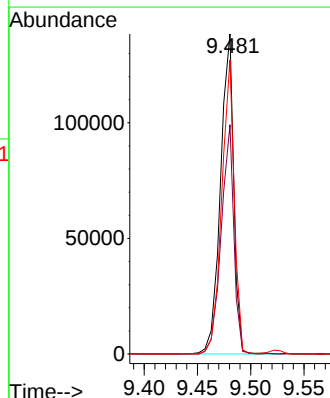
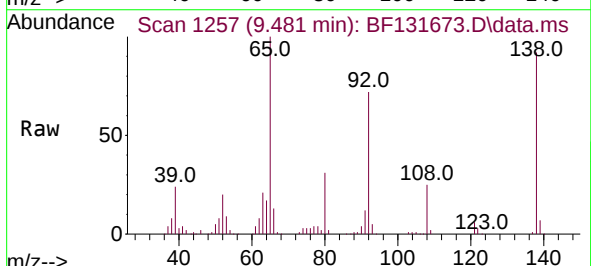
Tgt Ion: 65 Resp: 118988

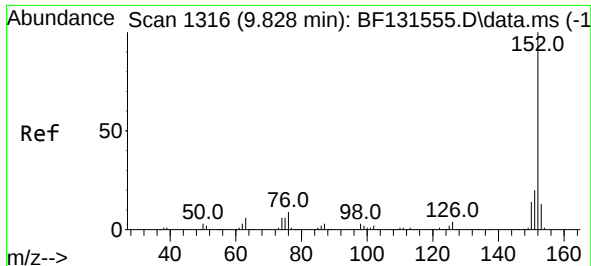
Ion Ratio Lower Upper

65 100

92 71.6 49.2 73.8

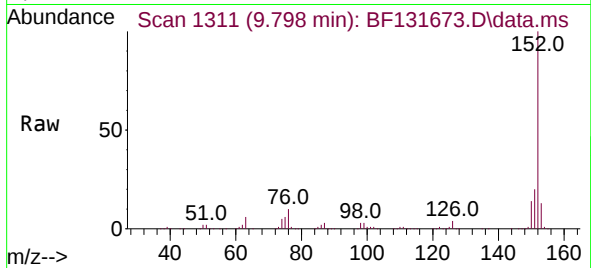
138 91.9 60.7 91.1#





#49
Acenaphthylene
Concen: 48.871 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

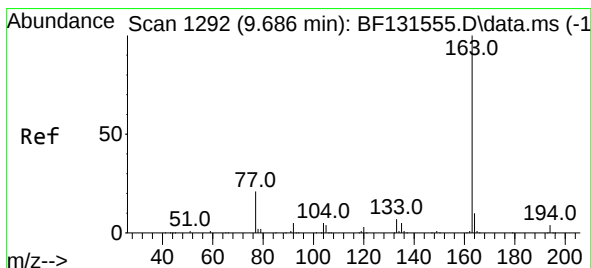
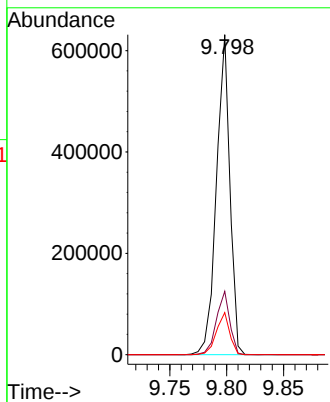
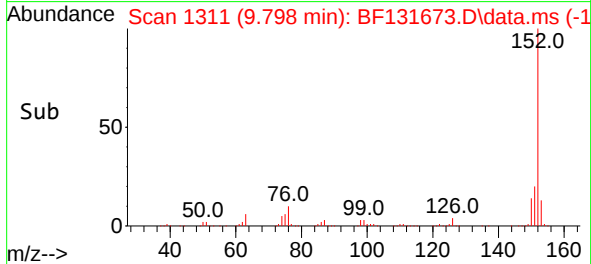
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



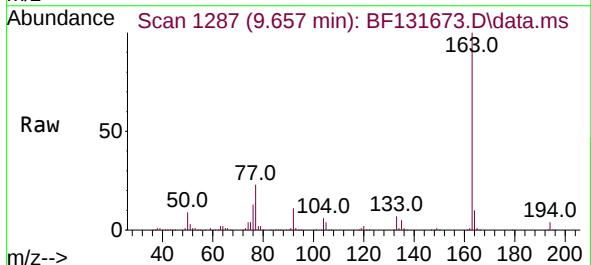
Tgt Ion:152 Resp: 519984
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.2 10.4 15.6

Manual Integrations
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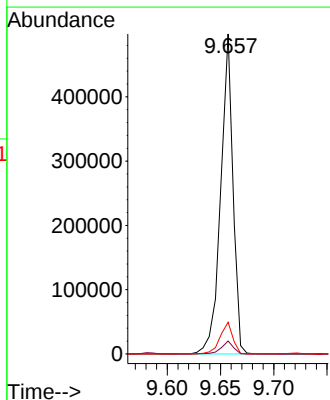
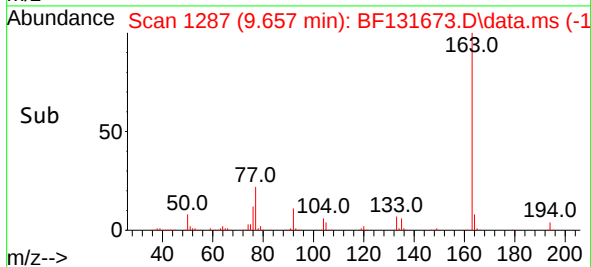
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

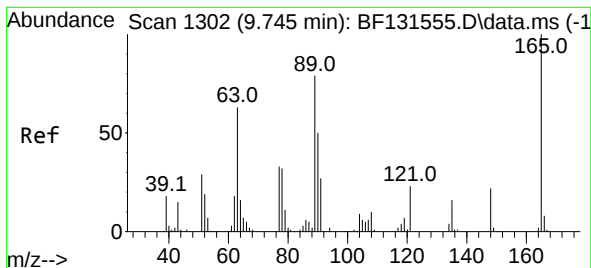


#50
Dimethylphthalate
Concen: 46.415 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



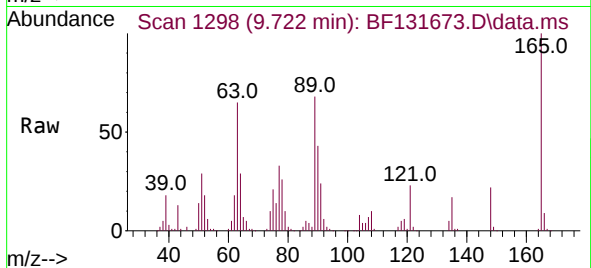
Tgt Ion:163 Resp: 398019
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 49.544 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

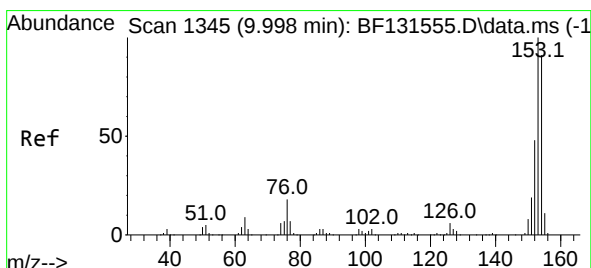
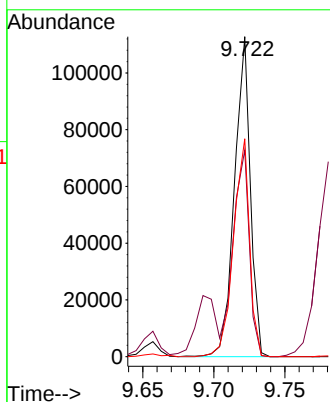
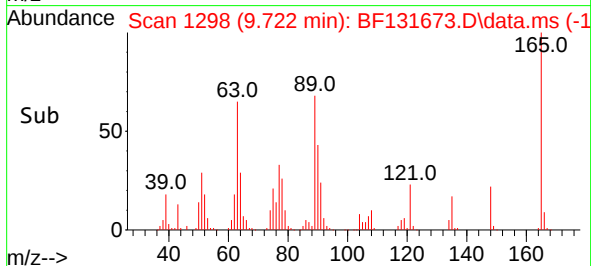
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



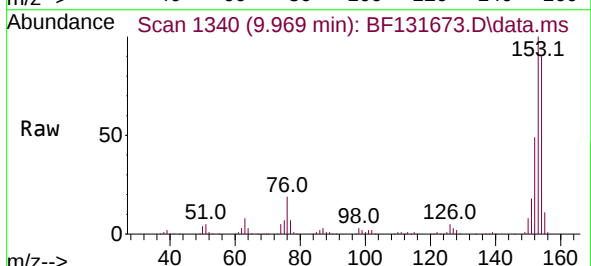
Tgt Ion:165 Resp: 87710
Ion Ratio Lower Upper
165 100
63 64.5 67.9 101.9
89 68.1 63.2 94.8

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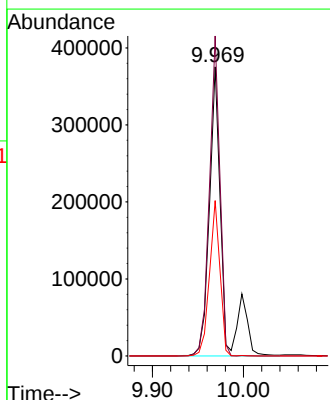
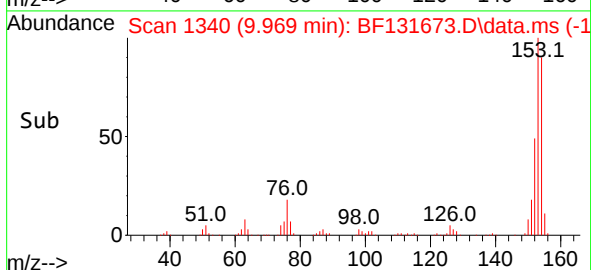
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

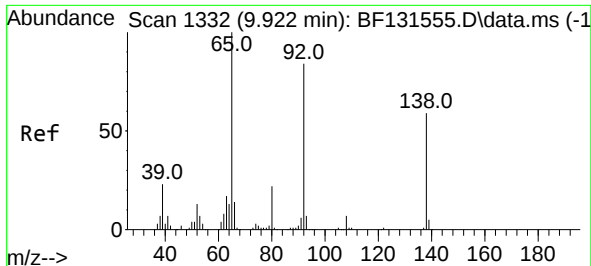


#52
Acenaphthene
Concen: 51.429 ng m
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:154 Resp: 366576
Ion Ratio Lower Upper
154 100
153 110.7 87.9 131.9
152 53.7 42.4 63.6





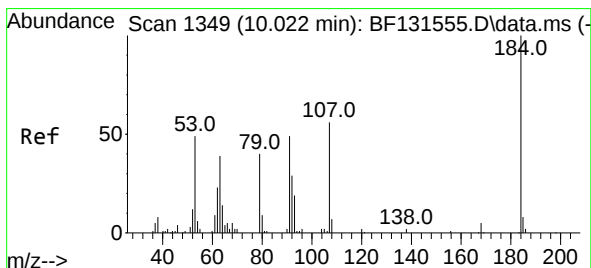
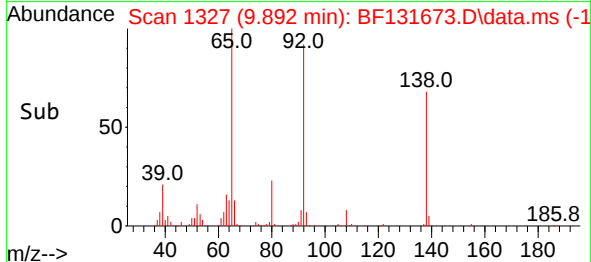
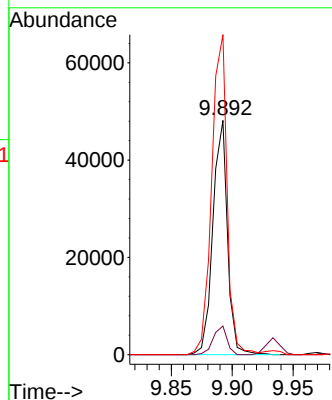
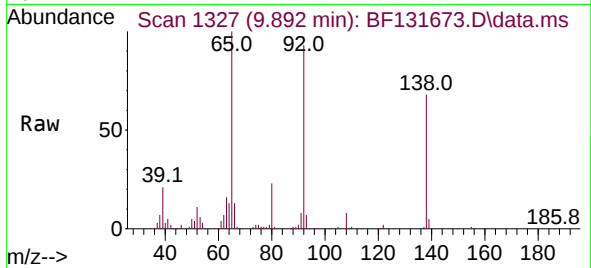
#53
3-Nitroaniline
Concen: 23.670 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS

Tgt Ion:138 Resp: 4020
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 136.6 113.4 170.0

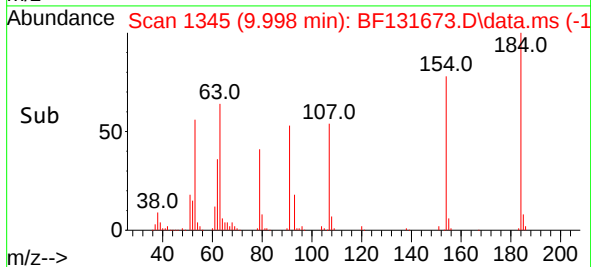
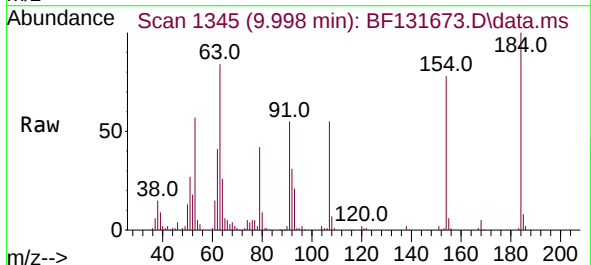
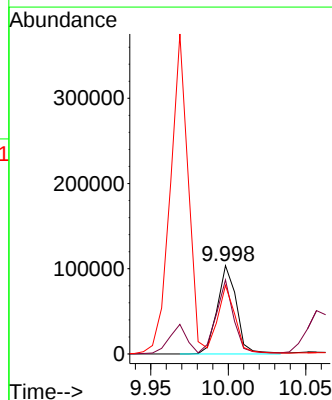
Manual Integrations
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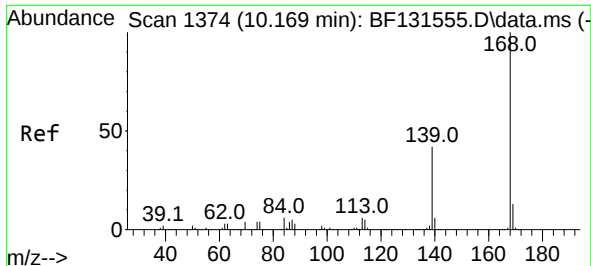
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#54
2,4-Dinitrophenol
Concen: 87.989 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

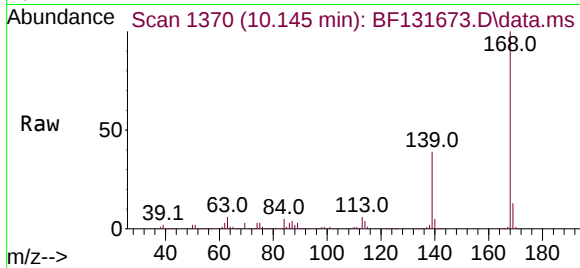
Tgt Ion:184 Resp: 89607
Ion Ratio Lower Upper
184 100
63 83.9 60.7 91.1
154 77.9 59.0 88.6





#55
Dibenzofuran
Concen: 46.477 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

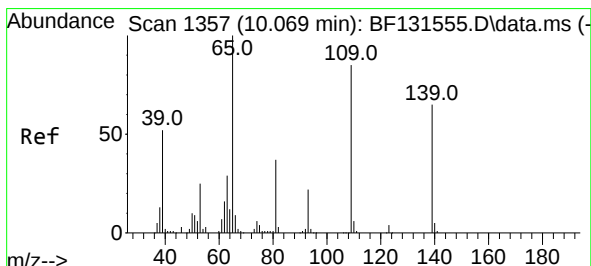
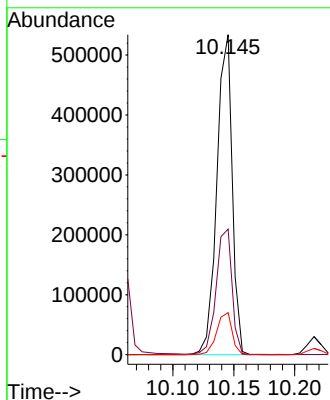
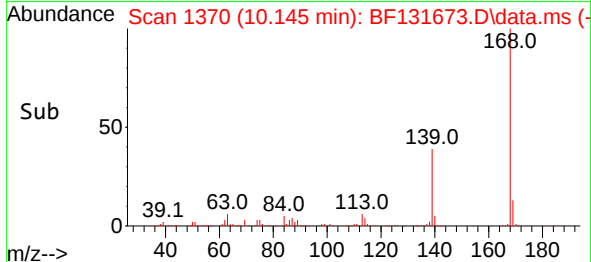
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion:168 Resp: 468078
Ion Ratio Lower Upper
168 100
139 39.2 33.9 50.9
169 13.2 10.7 16.1

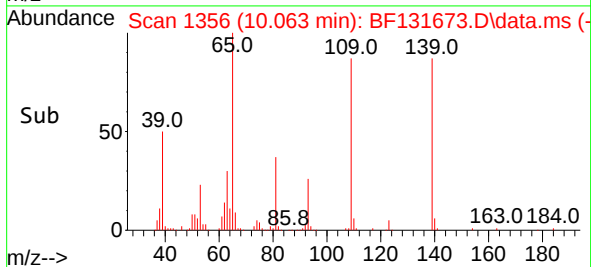
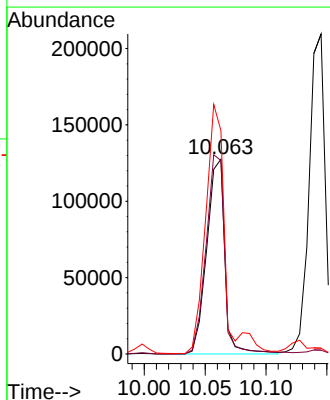
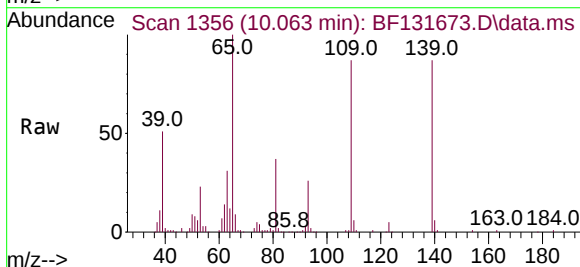
Manual Integrations
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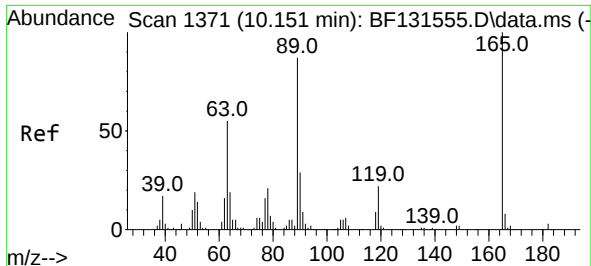
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#56
4-Nitrophenol
Concen: 111.214 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

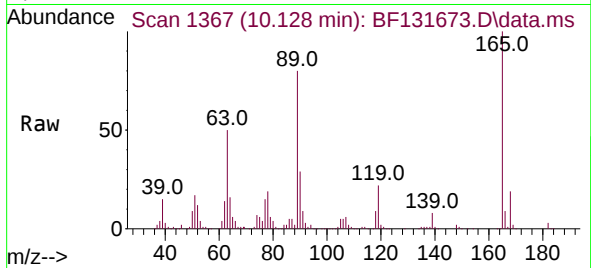
Tgt Ion:139 Resp: 131230
Ion Ratio Lower Upper
139 100
109 99.3 110.2 150.2#
65 114.7 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 51.102 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

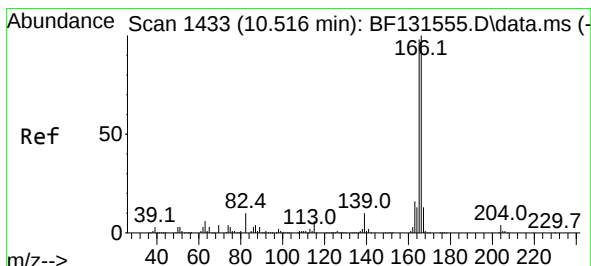
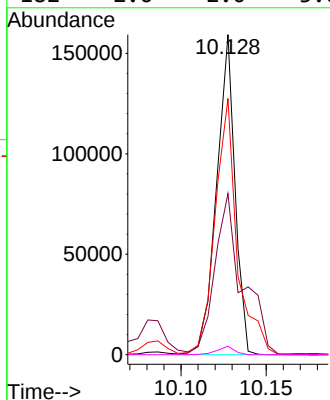
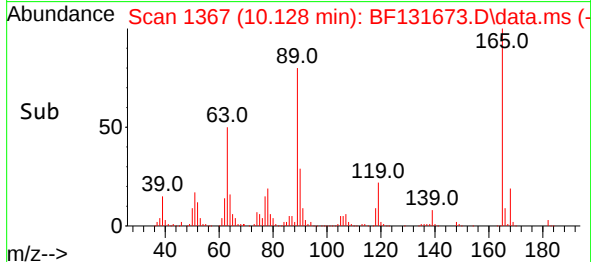
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



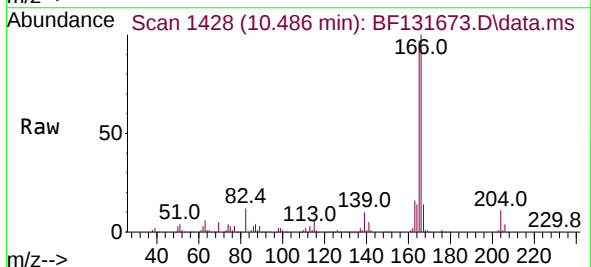
Tgt Ion:165 Resp: 12000
Ion Ratio Lower Upper
165 100
63 50.3 44.4 66.6
89 80.1 69.6 104.4
182 2.6 2.0 3.0

Manual Integrations
APPROVED

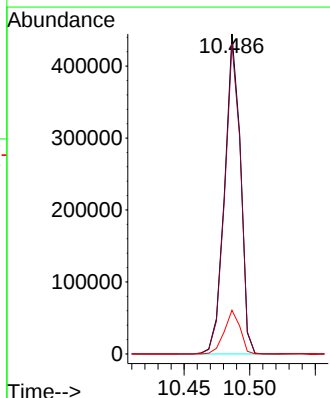
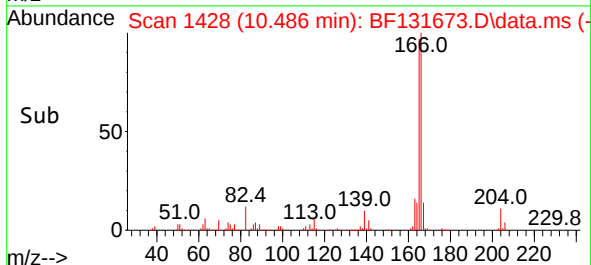
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

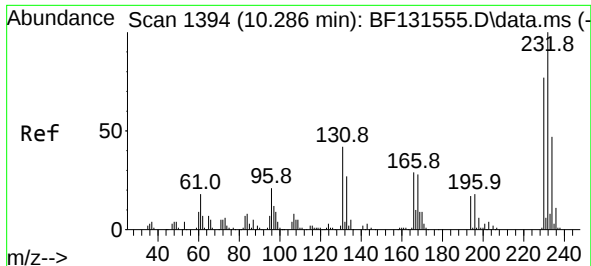


#58
Fluorene
Concen: 45.461 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



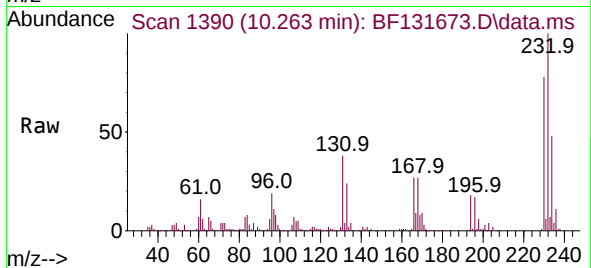
Tgt Ion:166 Resp: 372206
Ion Ratio Lower Upper
166 100
165 96.9 78.4 117.6
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.654 ng m
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

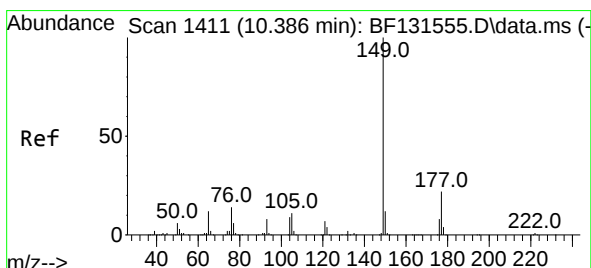
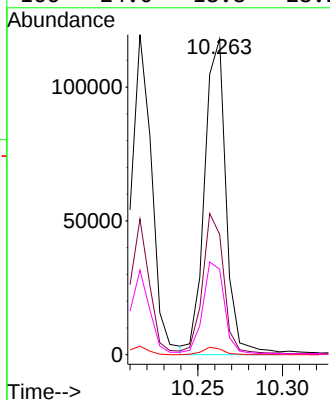
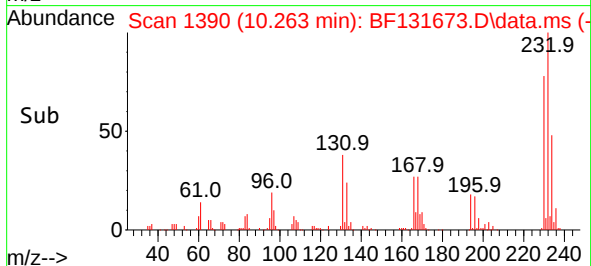
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



Tgt Ion:232 Resp: 104740
Ion Ratio Lower Upper
232 100
131 38.8 31.0 46.6
130 2.4 1.8 2.8
166 24.0 18.8 28.2

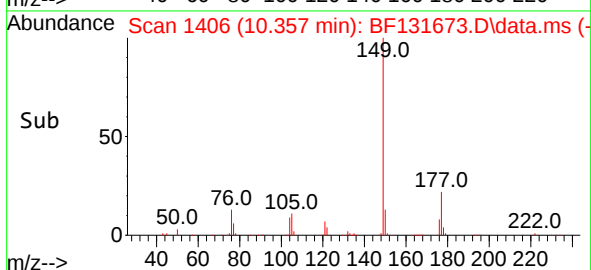
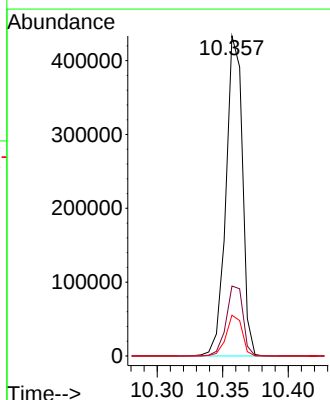
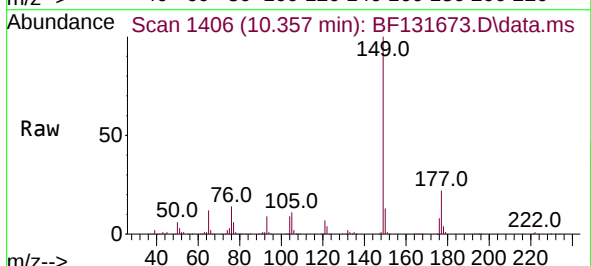
Manual Integrations
APPROVED

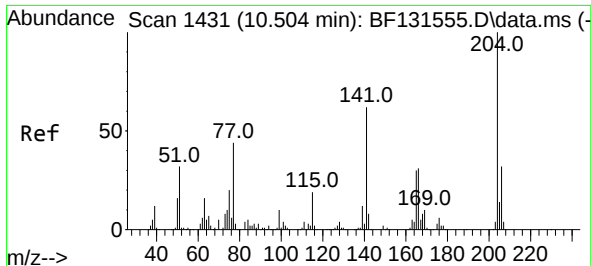
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#60
Diethylphthalate
Concen: 45.934 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

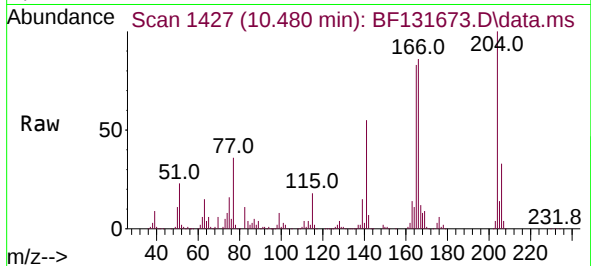
Tgt Ion:149 Resp: 378000
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.8 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 44.619 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

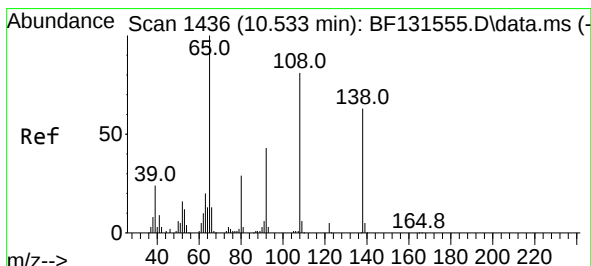
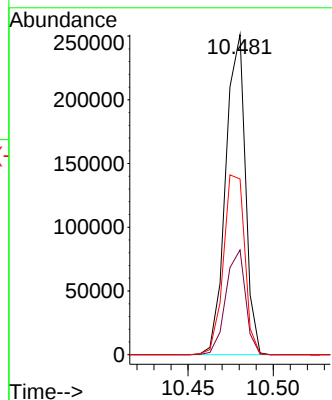
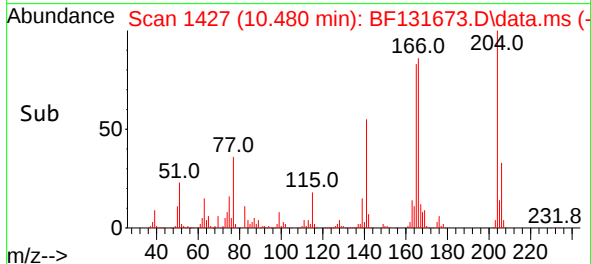
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



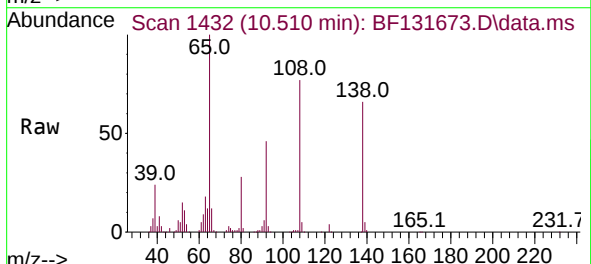
Tgt Ion:204 Resp: 201880
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.2
141 54.9 49.5 74.3

Manual Integrations
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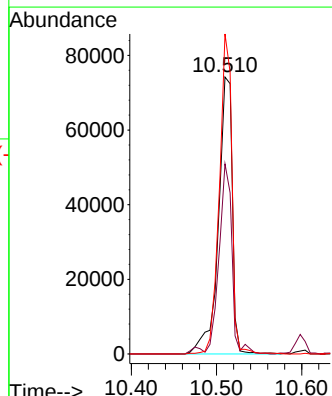
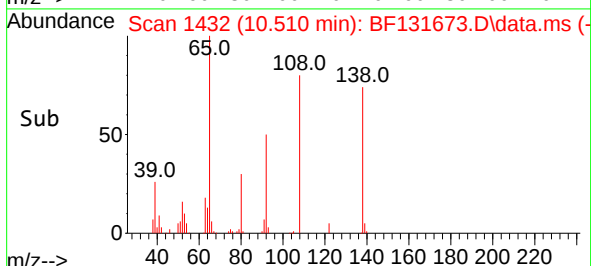
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

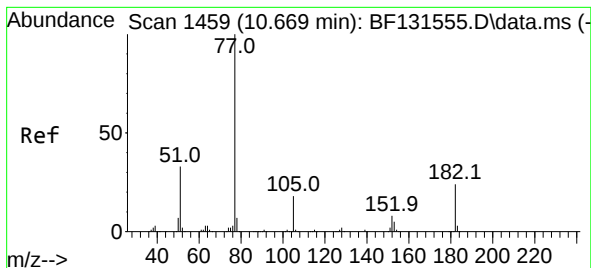


#62
4-Nitroaniline
Concen: 50.027 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



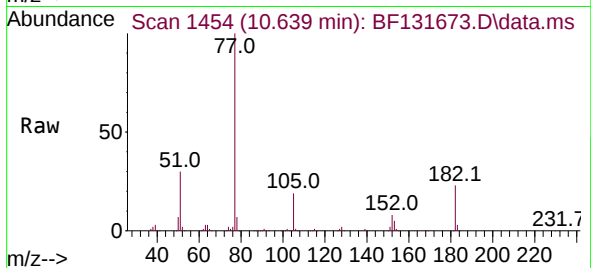
Tgt Ion:138 Resp: 84205
Ion Ratio Lower Upper
138 100
92 68.6 47.5 87.5
108 115.5 108.8 148.8





#63
Azobenzene
Concen: 45.944 ng
RT: 10.639 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

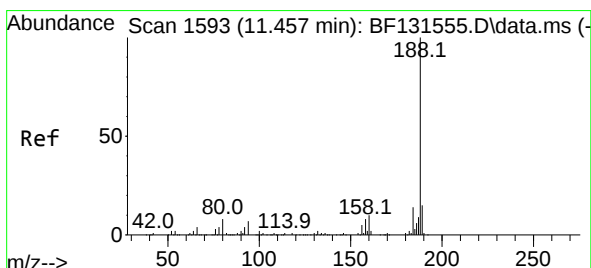
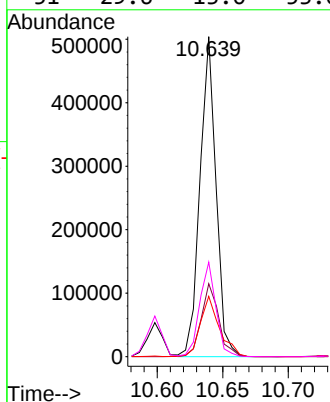
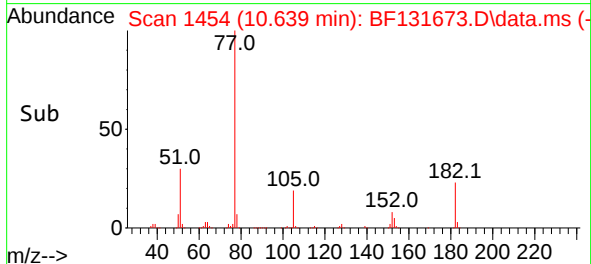
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



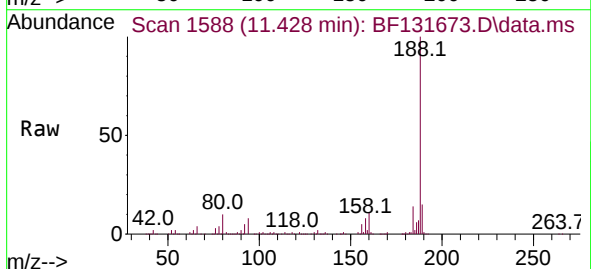
Tgt Ion: 77 Resp: 43122
Ion Ratio Lower Upper
77 100
182 22.8 3.9 43.9
105 18.9 0.0 38.3
51 29.6 13.0 53.0

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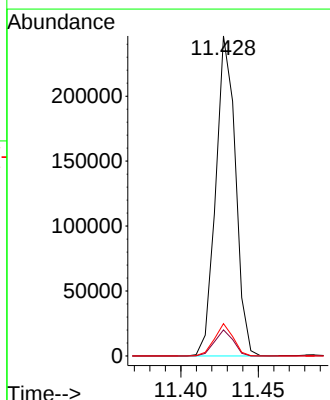
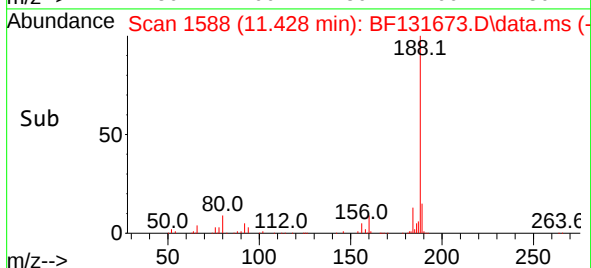
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

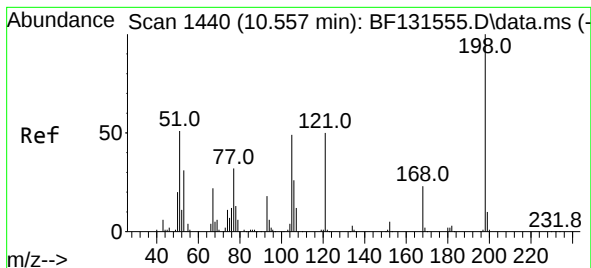


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:188 Resp: 218304
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 10.1 6.6 10.0#





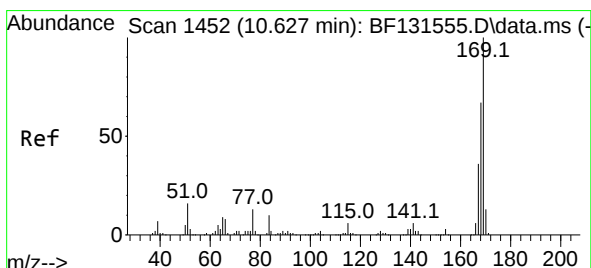
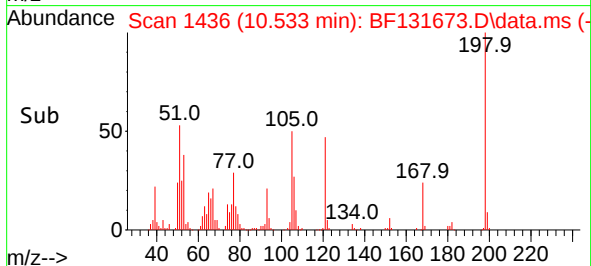
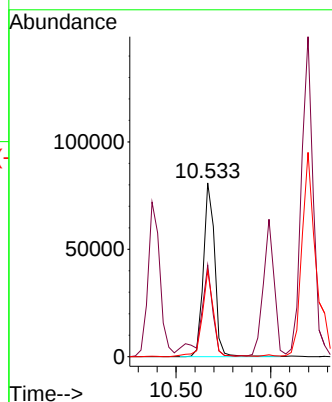
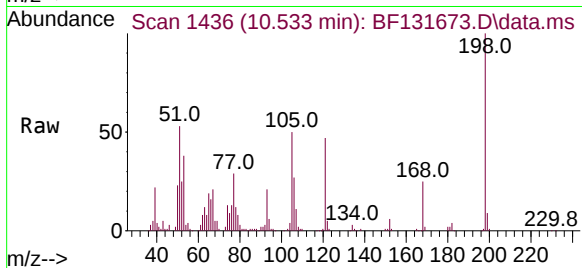
#65
4,6-Dinitro-2-methylphenol
Concen: 48.289 ng
RT: 10.533 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS

Tgt Ion:198 Resp: 66768
Ion Ratio Lower Upper
198 100
51 52.7 36.7 76.7
105 49.6 29.9 69.9

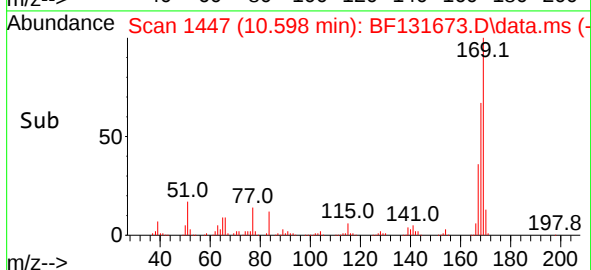
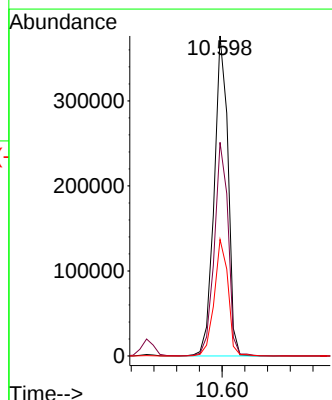
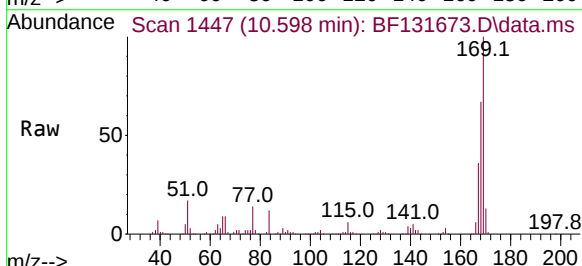
Manual Integrations
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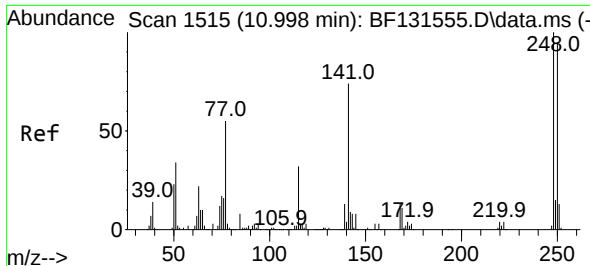
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#66
n-Nitrosodiphenylamine
Concen: 45.164 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

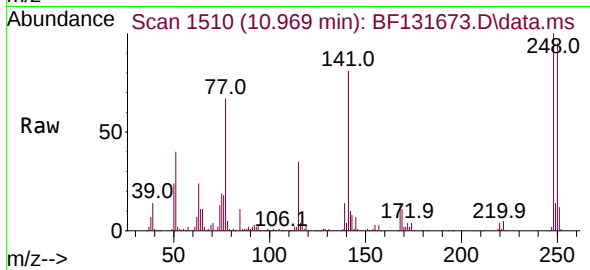
Tgt Ion:169 Resp: 318748
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 36.4 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 42.800 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

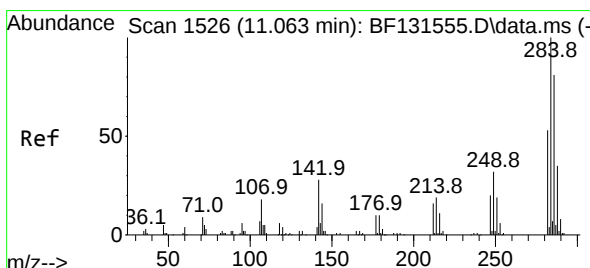
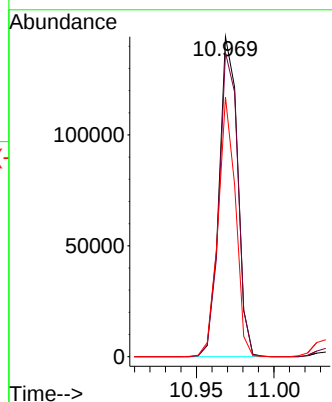
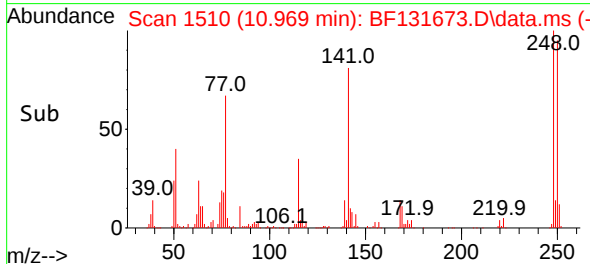
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



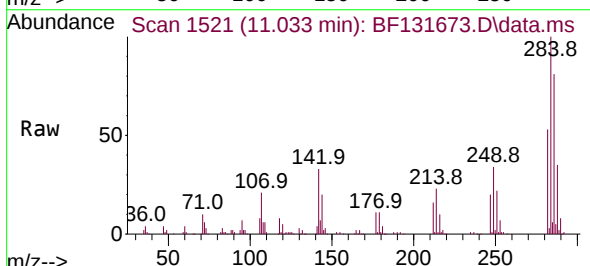
Tgt Ion:248 Resp: 12019
Ion Ratio Lower Upper
248 100
250 95.0 76.2 114.2
141 81.2 59.5 89.3

Manual Integrations
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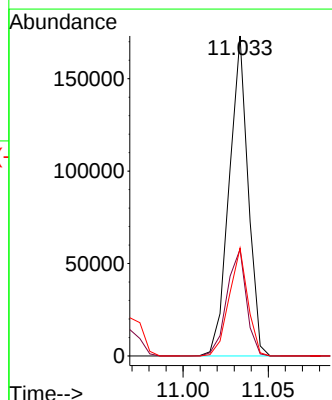
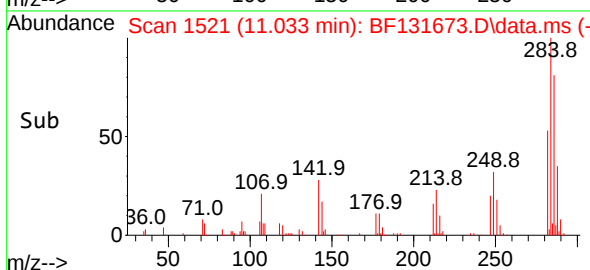
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

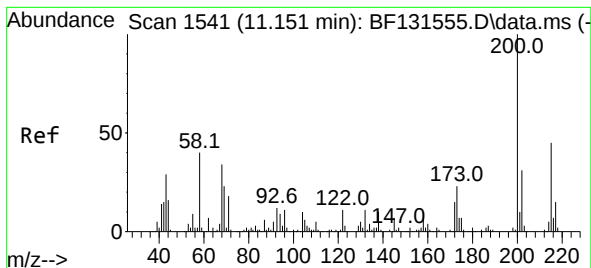


#68
Hexachlorobenzene
Concen: 43.961 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:284 Resp: 133537
Ion Ratio Lower Upper
284 100
142 33.3 22.3 33.5
249 33.7 25.4 38.2





#69

Atrazine

Concen: 54.579 ng

RT: 11.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion:200 Resp: 12232

Ion Ratio Lower Upper

200 100

173 23.9 3.4 43.4

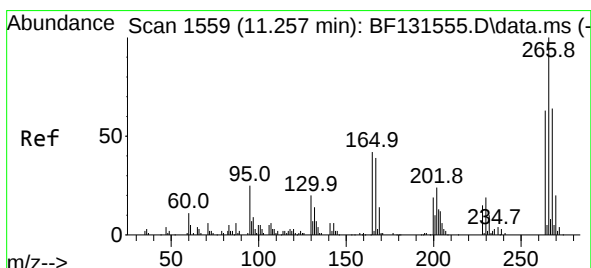
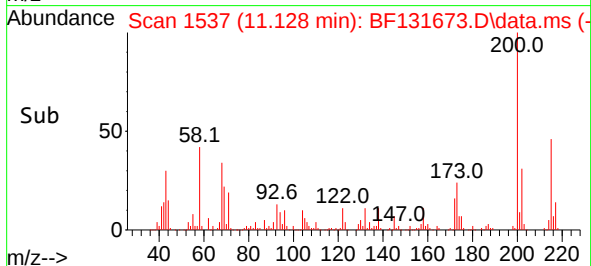
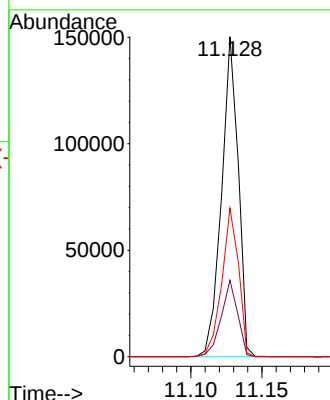
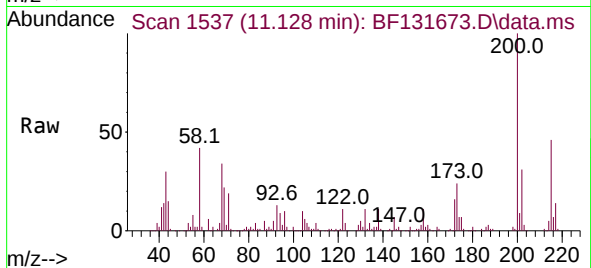
215 46.4 25.0 65.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#70

Pentachlorophenol

Concen: 86.952 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

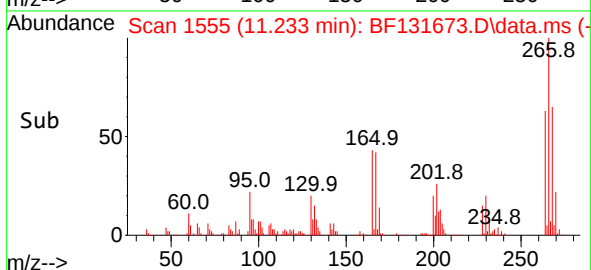
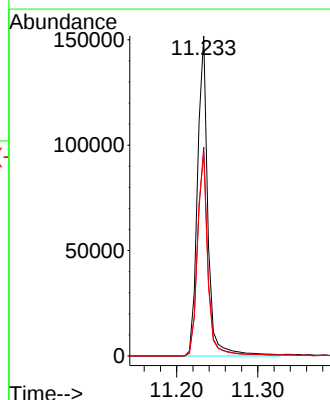
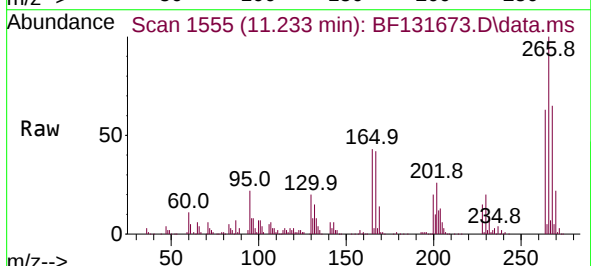
Tgt Ion:266 Resp: 135977

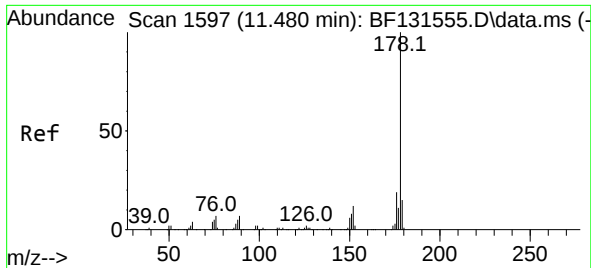
Ion Ratio Lower Upper

266 100

268 65.2 51.5 77.3

264 63.4 50.7 76.1





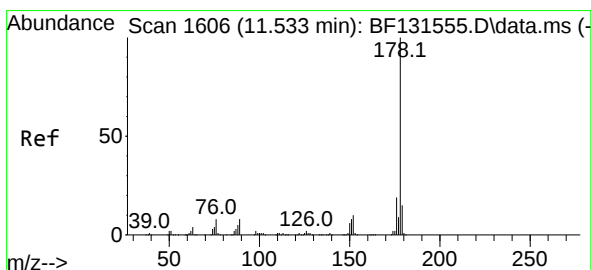
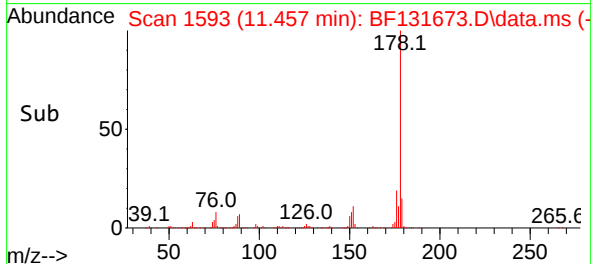
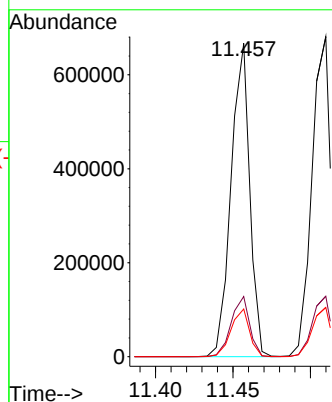
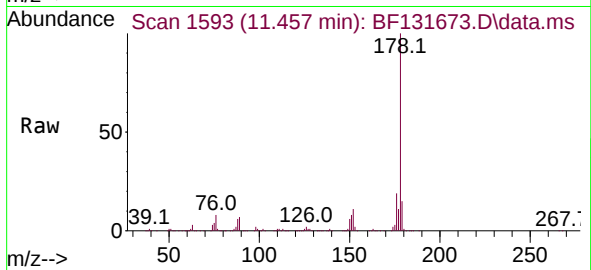
#71
Phenanthrene
Concen: 45.928 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS

Tgt Ion:178 Resp: 558850
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.4

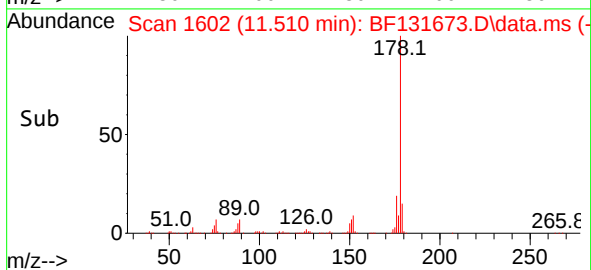
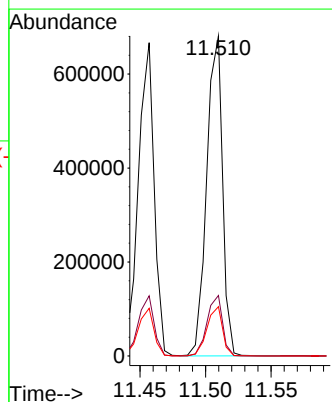
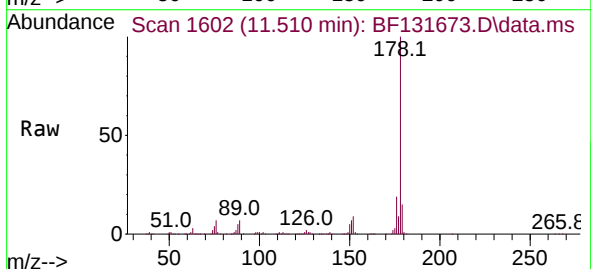
Manual Integrations
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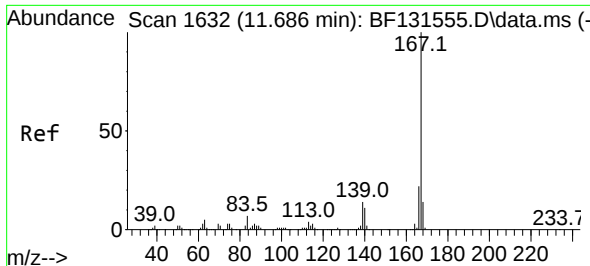
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#72
Anthracene
Concen: 48.571 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

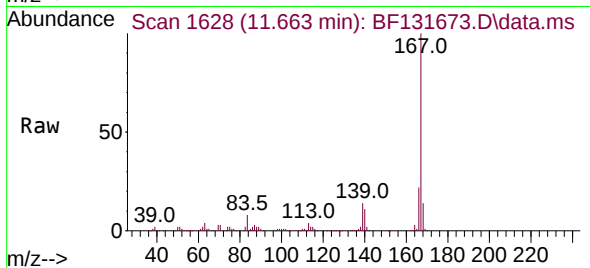
Tgt Ion:178 Resp: 574997
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 51.824 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. 0.000 min
 Lab File: BF131673.D
 Acq: 16 Dec 2022 18:44

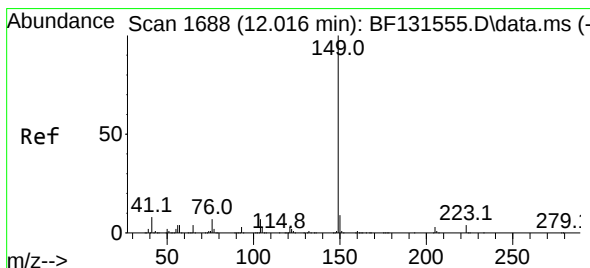
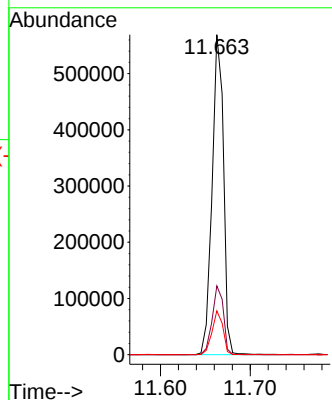
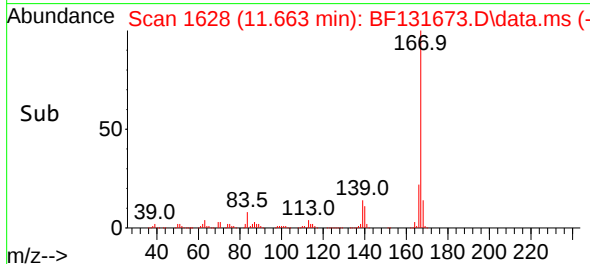
Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)MS



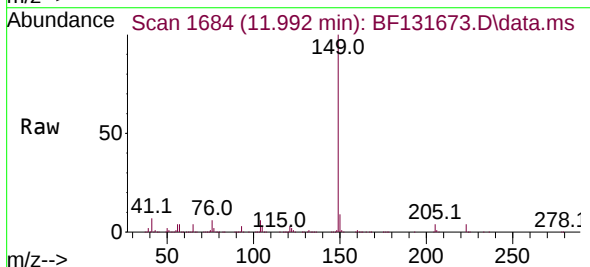
Tgt Ion:167 Resp: 500779
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.7 11.0 16.4

Manual Integrations
 APPROVED

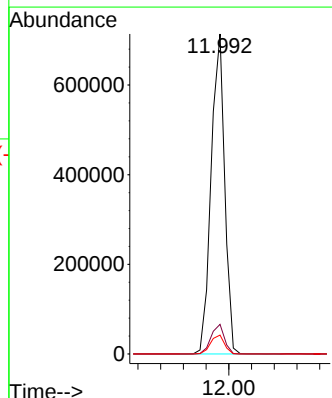
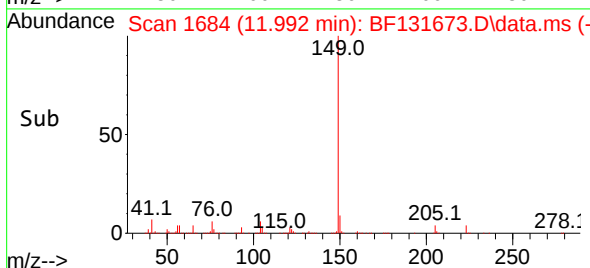
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

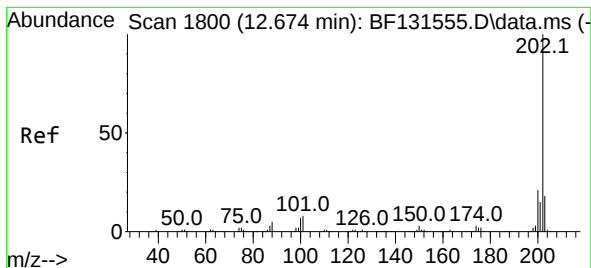


#74
 Di-n-butylphthalate
 Concen: 49.663 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. 0.000 min
 Lab File: BF131673.D
 Acq: 16 Dec 2022 18:44



Tgt Ion:149 Resp: 588739
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.9 5.2 7.8





#75

Fluoranthene

Concen: 50.564 ng

RT: 12.651 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

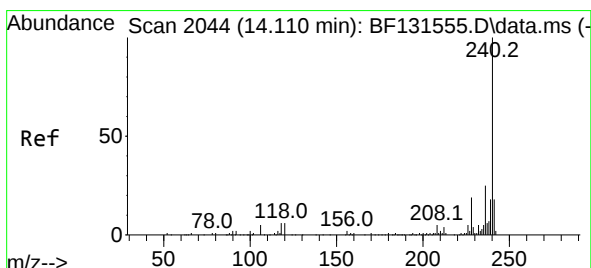
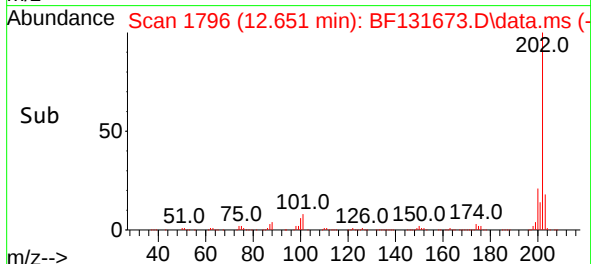
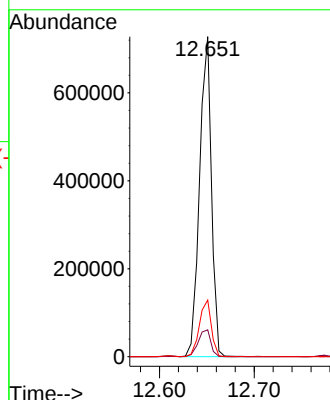
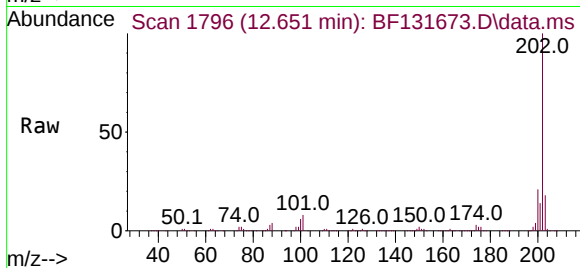
Tgt Ion:202 Resp: 63355
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 27.7
 203 17.7 0.0 37.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#76

Chrysene-d12

Concen: 20.000 ng

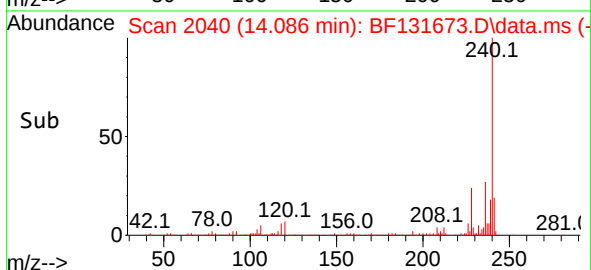
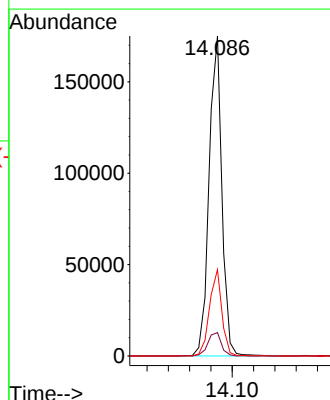
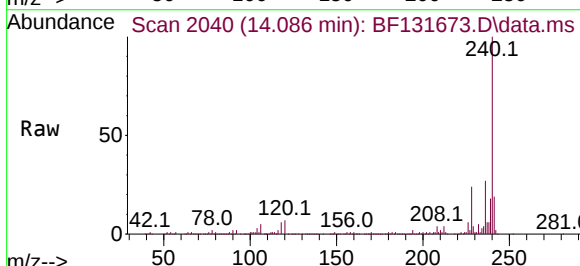
RT: 14.086 min Scan# 2040

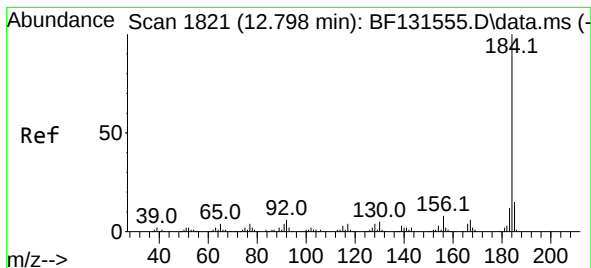
Delta R.T. 0.006 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Tgt Ion:240 Resp: 146179
 Ion Ratio Lower Upper
 240 100
 120 7.3 4.6 7.0#
 236 27.0 20.2 30.2





#77

Benzidine

Concen: 69.773 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

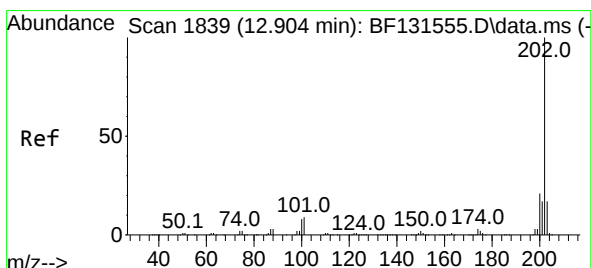
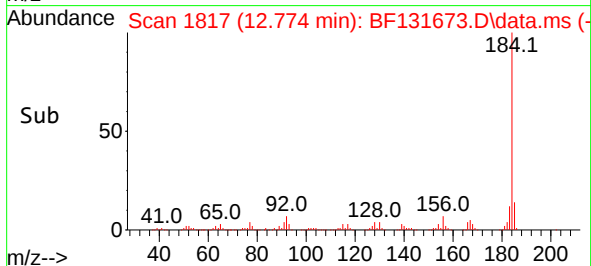
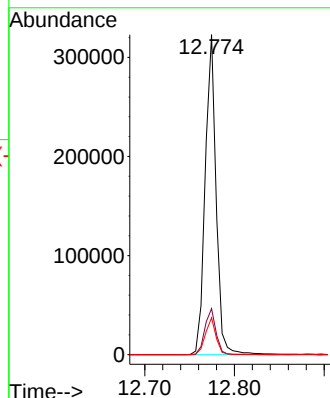
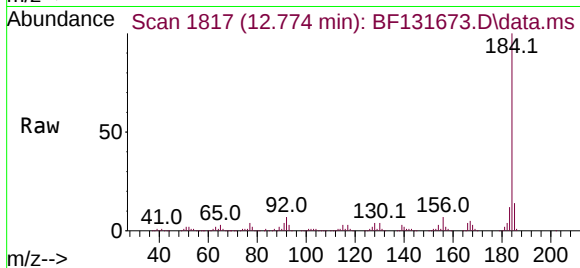
Tgt Ion:184	Resp: 273278
Ion Ratio	Lower Upper
184 100	
185 14.4	12.2 18.2
183 11.6	9.3 13.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#78

Pyrene

Concen: 45.508 ng

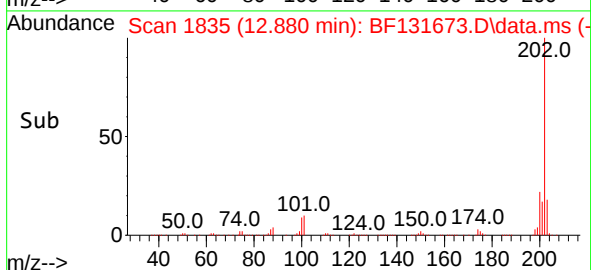
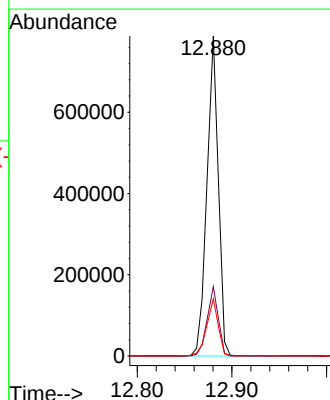
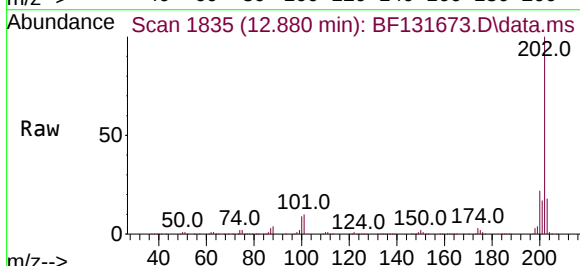
RT: 12.880 min Scan# 1835

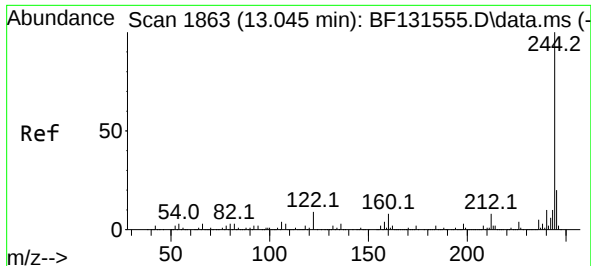
Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Tgt Ion:202	Resp: 655958
Ion Ratio	Lower Upper
202 100	
200 21.7	16.7 25.1
203 17.9	13.8 20.6





#79
Terphenyl-d14
Concen: 70.906 ng
RT: 13.022 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

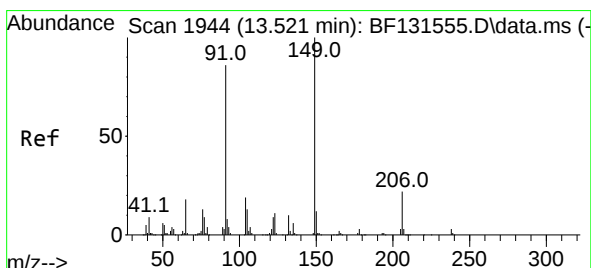
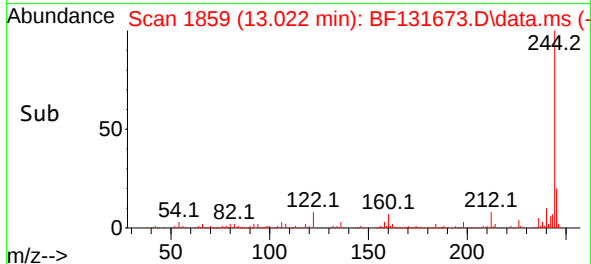
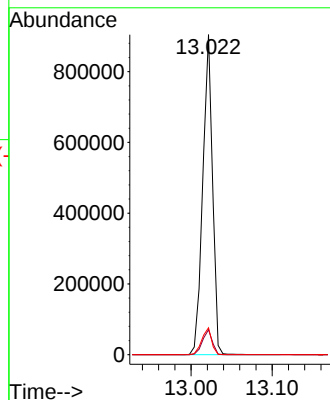
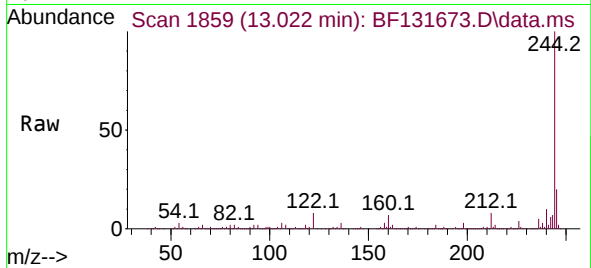
RB-22-(8-10)MS

Tgt Ion:244 Resp: 75579
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.4 7.1 10.7

Manual Integrations

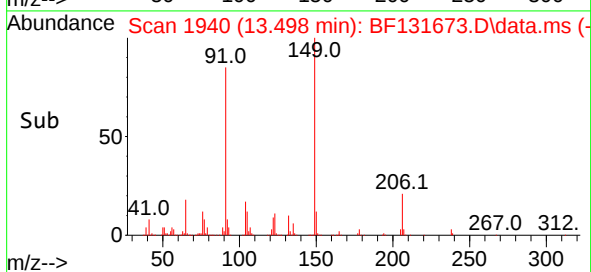
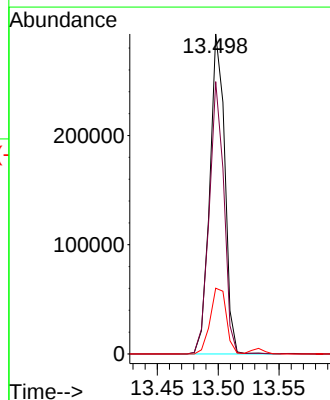
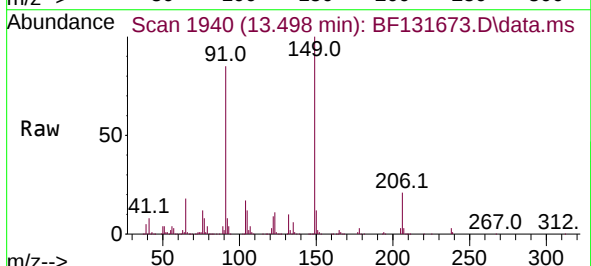
APPROVED

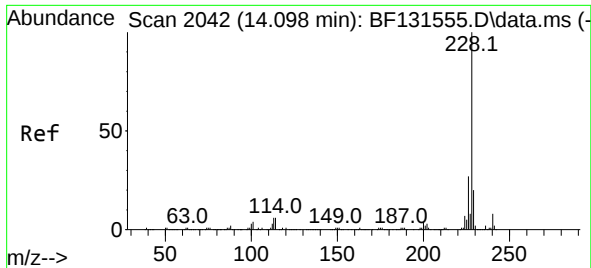
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#80
Butylbenzylphthalate
Concen: 60.429 ng
RT: 13.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

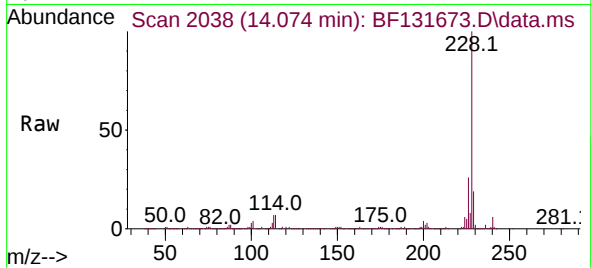
Tgt Ion:149 Resp: 252069
Ion Ratio Lower Upper
149 100
91 85.1 69.0 103.4
206 20.6 17.8 26.8





#81
Benzo(a)anthracene
Concen: 48.695 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

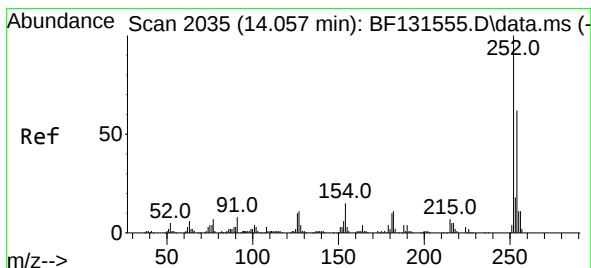
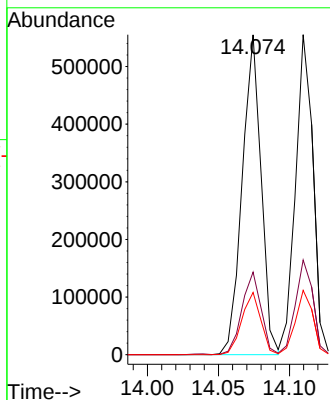
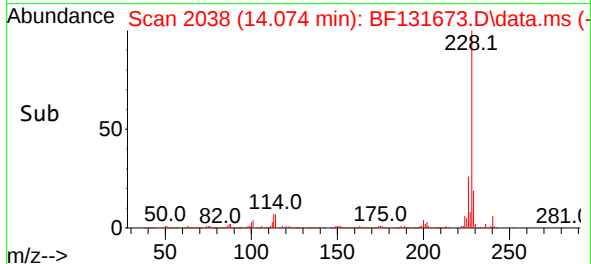
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



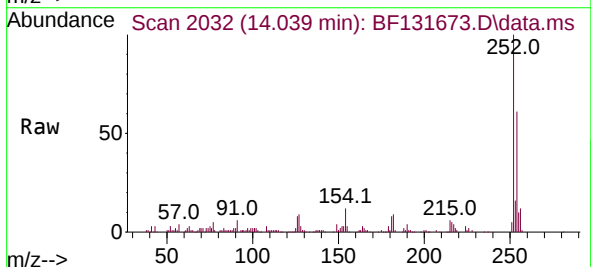
Tgt Ion:228 Resp: 51404
Ion Ratio Lower Upper
228 100
226 25.8 21.5 32.3
229 19.5 15.8 23.6

Manual Integrations
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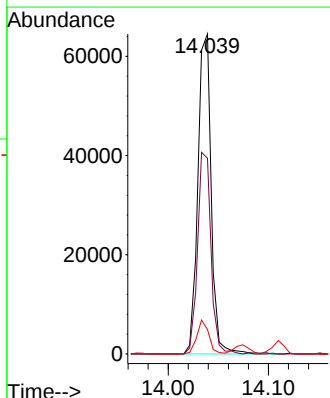
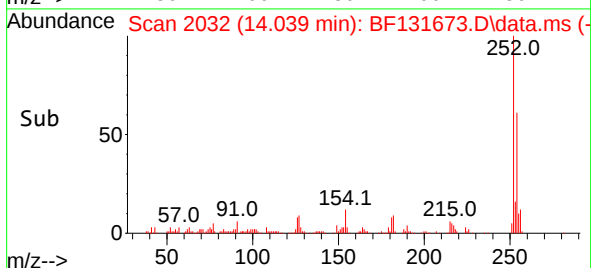
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

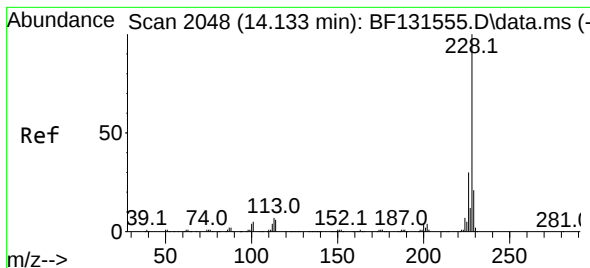


#82
3,3'-Dichlorobenzidine
Concen: 19.929 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:252 Resp: 59855
Ion Ratio Lower Upper
252 100
254 61.1 49.6 74.4
126 7.7 7.9 11.9#





#83

Chrysene

Concen: 47.605 ng

RT: 14.110 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion:228 Resp: 477768

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

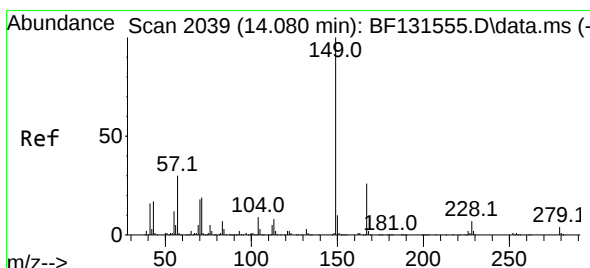
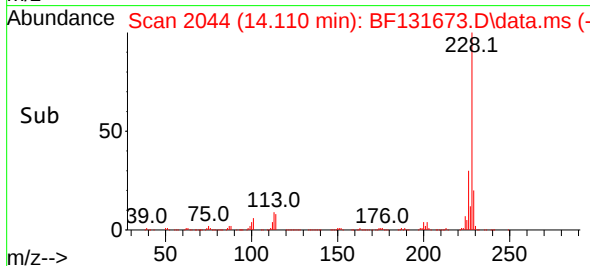
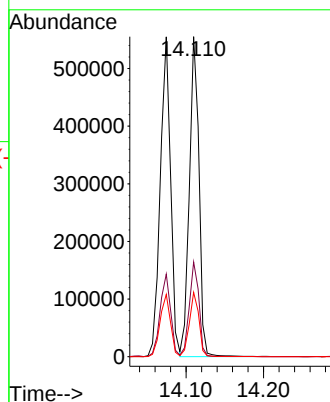
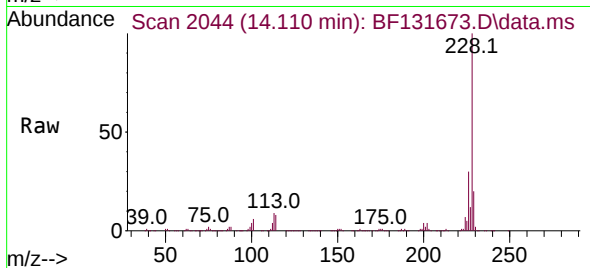
229 20.1 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.377 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

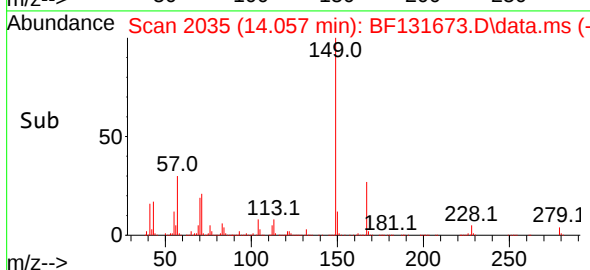
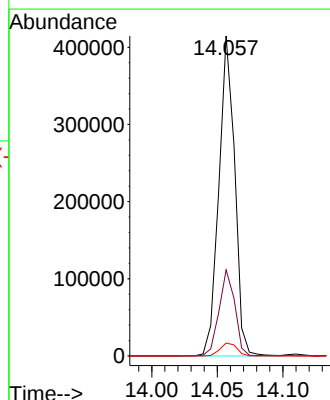
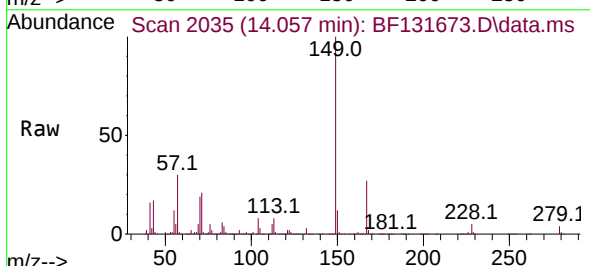
Tgt Ion:149 Resp: 347850

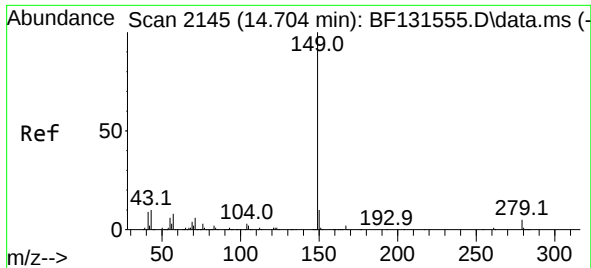
Ion Ratio Lower Upper

149 100

167 26.9 20.8 31.2

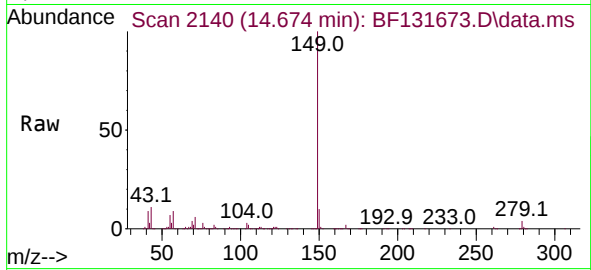
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 53.434 ng
RT: 14.674 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

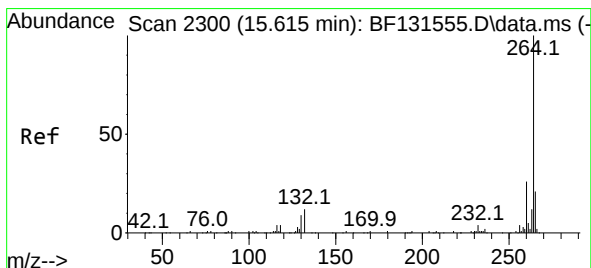
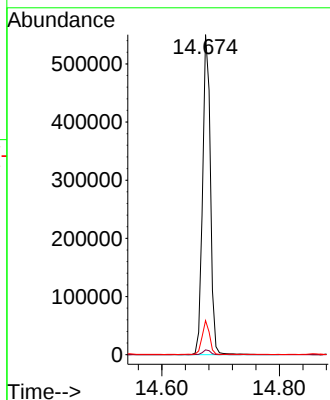
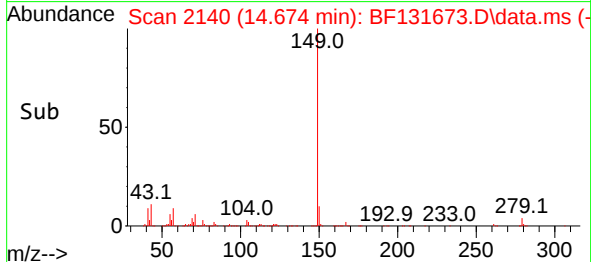
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



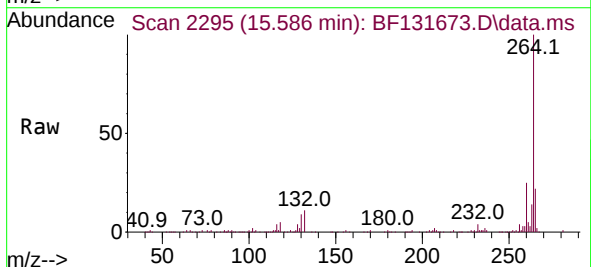
Tgt Ion:149 Resp: 50373
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.1 8.6 13.0

Manual Integrations
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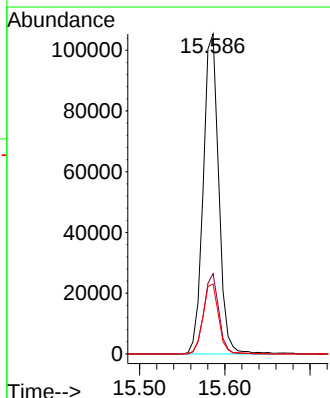
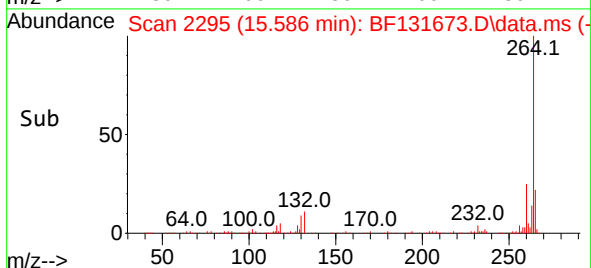
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

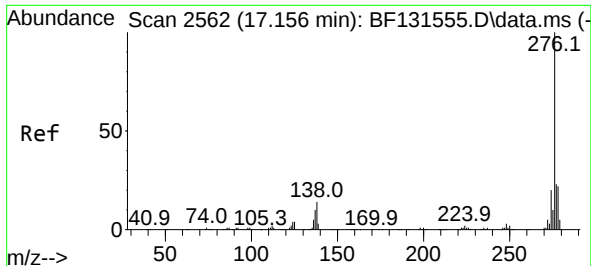


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



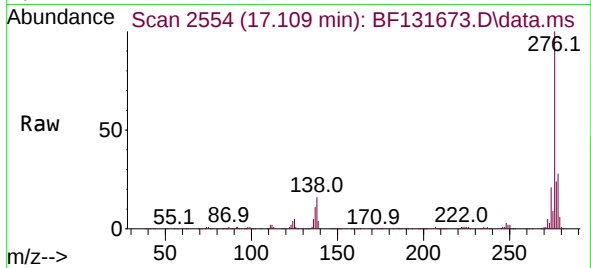
Tgt Ion:264 Resp: 133298
Ion Ratio Lower Upper
264 100
260 25.1 20.6 30.8
265 21.9 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.159 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

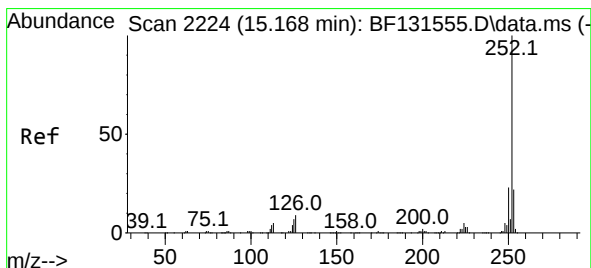
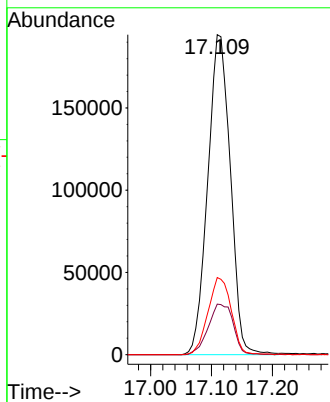
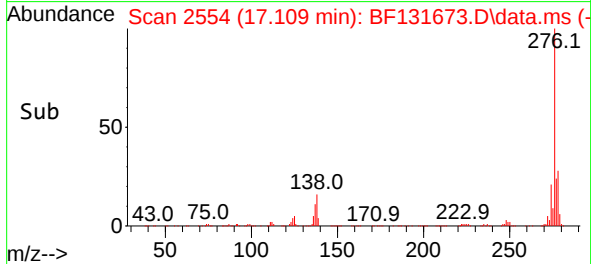
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



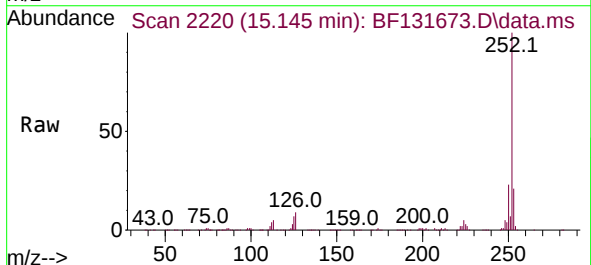
Tgt Ion:276 Resp: 502140
Ion Ratio Lower Upper
276 100
138 17.5 12.7 19.1
277 24.8 20.0 30.0

Manual Integrations
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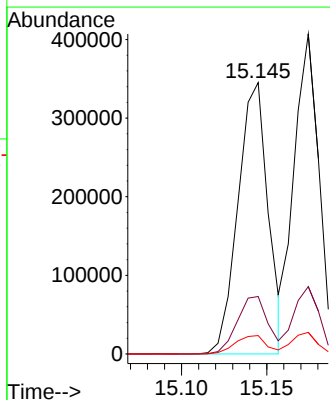
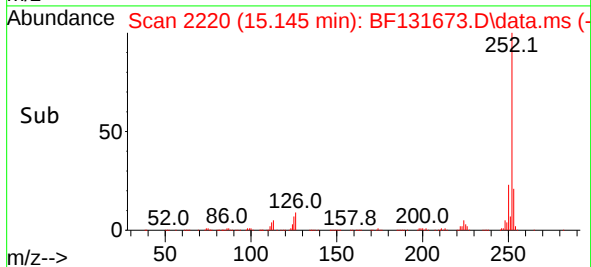
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

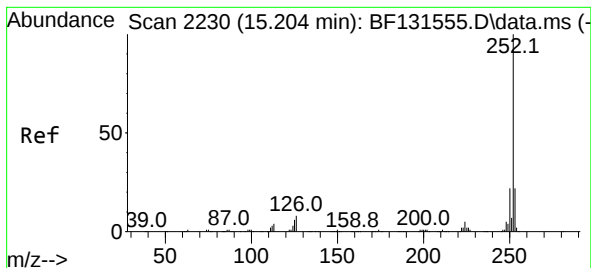


#88
Benzo(b)fluoranthene
Concen: 48.287 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:252 Resp: 424219
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 6.8 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 46.133 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MS

Tgt Ion:252 Resp: 423038

Ion Ratio Lower Upper

252 100

253 21.1 17.7 26.5

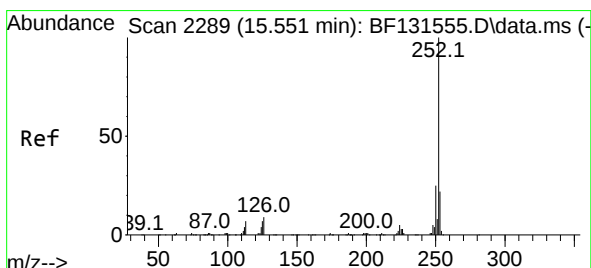
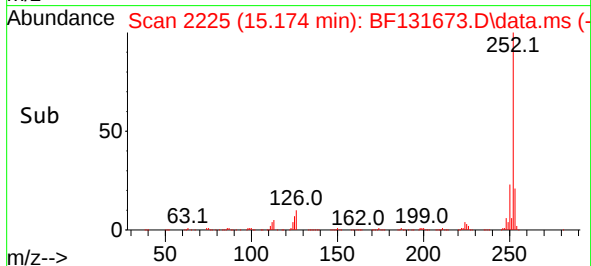
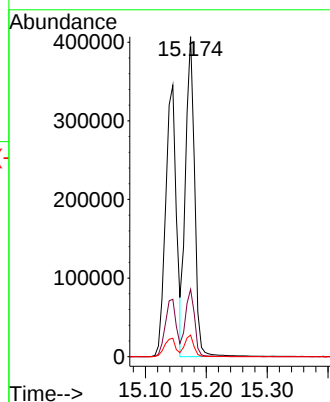
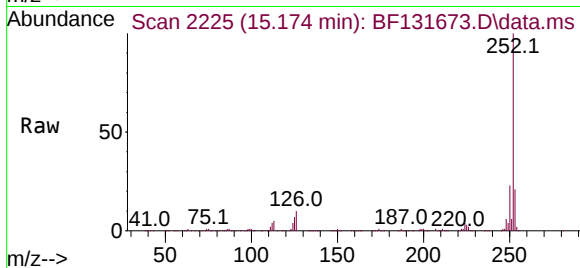
125 6.8 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#90

Benzo(a)pyrene

Concen: 49.902 ng

RT: 15.521 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF131673.D

Acq: 16 Dec 2022 18:44

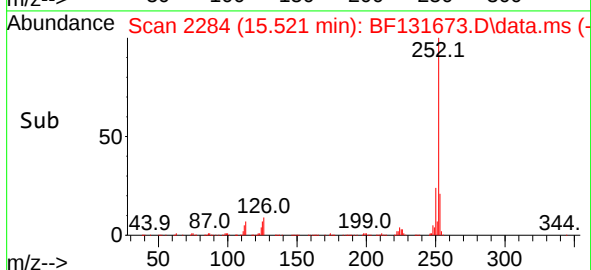
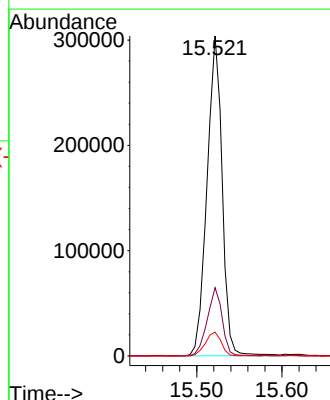
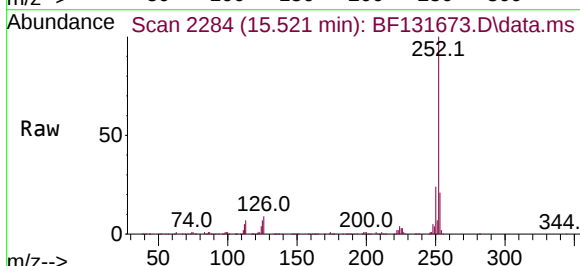
Tgt Ion:252 Resp: 374144

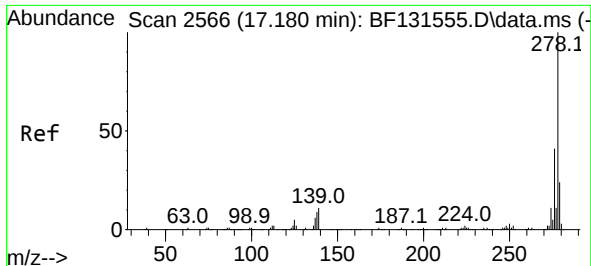
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

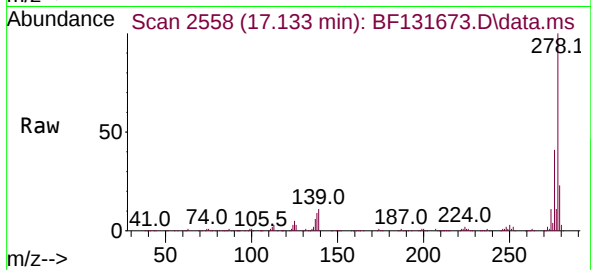
125 7.4 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 46.867 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44

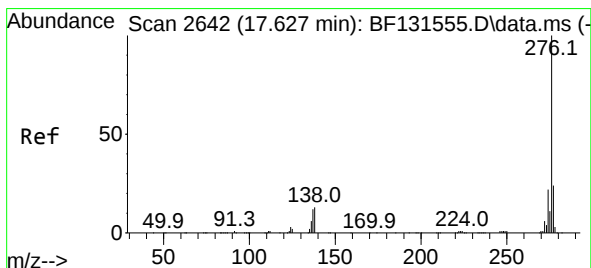
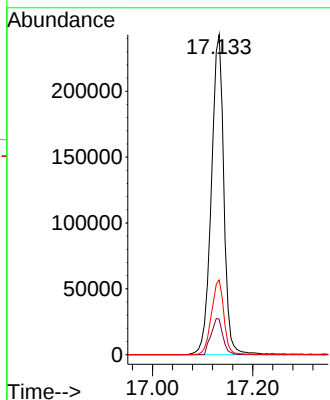
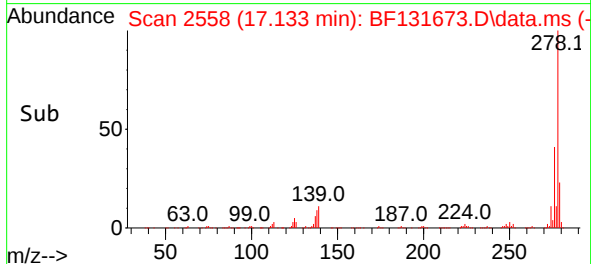
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MS



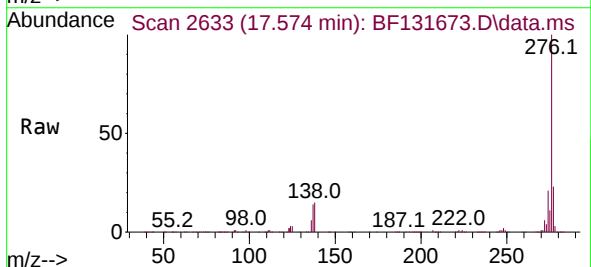
Tgt Ion:278 Resp: 419611
Ion Ratio Lower Upper
278 100
139 11.1 8.9 13.3
279 23.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#92
Benzo(g,h,i)perylene
Concen: 45.470 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.000 min
Lab File: BF131673.D
Acq: 16 Dec 2022 18:44



Tgt Ion:276 Resp: 409148
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 15.4 10.7 16.1

