

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134994.D
 Acq On : 29 Aug 2023 20:48
 Operator : CG\JU
 Sample : 04188-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 29 22:29:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	127371	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	512272	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	263934	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	463997	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	237770	20.000	ng	-0.01
86) Perylene-d12	15.439	264	283502	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	733655	91.852	ng	0.00
7) Phenol-d6	6.428	99	939738	92.074	ng	-0.01
23) Nitrobenzene-d5	7.351	82	579815	62.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	274770	88.394	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1085534	63.581	ng	-0.01
79) Terphenyl-d14	12.910	244	1010869	58.475	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	130221	37.566	ng	99
3) Pyridine	3.352	79	330393	35.369	ng	99
4) n-Nitrosodimethylamine	3.316	42	177571	42.994	ng	94
6) Aniline	6.451	93	362862	28.765	ng	98
8) 2-Chlorophenol	6.569	128	378425	45.151	ng	96
9) Benzaldehyde	6.340	77	138148	24.679	ng	99
10) Phenol	6.440	94	443379	42.430	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	334479	42.197	ng	99
12) 1,3-Dichlorobenzene	6.728	146	392755	44.931	ng	98
13) 1,4-Dichlorobenzene	6.804	146	396574	45.327	ng	98
14) 1,2-Dichlorobenzene	6.951	146	378747	46.703	ng	100
15) Benzyl Alcohol	6.934	79	326842	46.088	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	477131	41.568	ng	99
17) 2-Methylphenol	7.045	107	294064	40.540	ng	97
18) Hexachloroethane	7.292	117	142960	45.148	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	247242	41.477	ng	98
20) 3+4-Methylphenols	7.198	107	351193	40.848	ng	100
22) Acetophenone	7.192	105	485375	42.868	ng	97
24) Nitrobenzene	7.369	77	385316	41.306	ng	99
25) Isophorone	7.604	82	693884	39.972	ng	98
26) 2-Nitrophenol	7.681	139	198749	42.796	ng	98
27) 2,4-Dimethylphenol	7.722	122	305947	40.391	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	422408	40.827	ng	99
29) 2,4-Dichlorophenol	7.928	162	313957	41.949	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	341861	43.025	ng	98
31) Naphthalene	8.086	128	1065688	41.662	ng	100
32) Benzoic acid	7.845	122	178667	31.961	ng	90
33) 4-Chloroaniline	8.134	127	207652	18.921	ng	97
34) Hexachlorobutadiene	8.204	225	204436	43.262	ng	97
35) Caprolactam	8.510	113	96267m	41.205	ng	
36) 4-Chloro-3-methylphenol	8.628	107	334090	42.301	ng	100
37) 2-Methylnaphthalene	8.781	142	682152	39.989	ng	100
38) 1-Methylnaphthalene	8.881	142	647176	40.573	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	335024	41.657	ng	99
41) Hexachlorocyclopentadiene	8.928	237	256536	72.047	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	220358	41.487	ng	99

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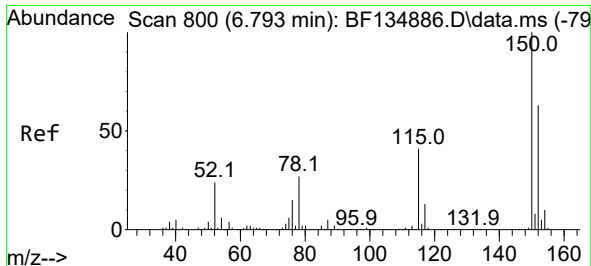
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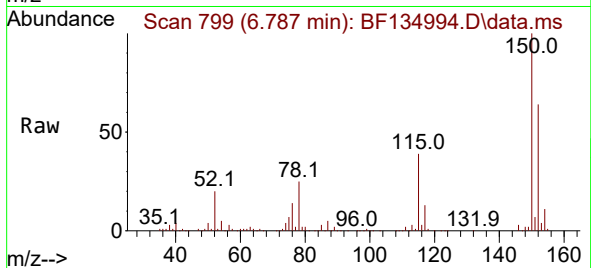
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	234043	38.060	ng	96
46) 1,1'-Biphenyl	9.245	154	862167	41.377	ng	99
47) 2-Chloronaphthalene	9.269	162	657862	42.276	ng	98
48) 2-Nitroaniline	9.369	65	214728	41.977	ng	97
49) Acenaphthylene	9.686	152	1023840	42.724	ng	100
50) Dimethylphthalate	9.551	163	780655	41.553	ng	100
51) 2,6-Dinitrotoluene	9.616	165	173218	41.803	ng	97
52) Acenaphthene	9.857	154	615169	40.748	ng	98
53) 3-Nitroaniline	9.780	138	127229	28.112	ng	89
54) 2,4-Dinitrophenol	9.892	184	119401	60.901	ng	# 84
55) Dibenzofuran	10.033	168	906695	41.251	ng	97
56) 4-Nitrophenol	9.957	139	250180	79.322	ng	94
57) 2,4-Dinitrotoluene	10.022	165	219733	42.880	ng	90
58) Fluorene	10.375	166	698384	41.892	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	191014m	39.868	ng	
60) Diethylphthalate	10.251	149	732293	42.544	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	337632	40.401	ng	99
62) 4-Nitroaniline	10.404	138	174252	41.186	ng	96
63) Azobenzene	10.528	77	701142	41.004	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	98429	35.951	ng	82
66) n-Nitrosodiphenylamine	10.492	169	626174	41.907	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	223274	41.709	ng	# 90
68) Hexachlorobenzene	10.922	284	249395	43.805	ng	98
69) Atrazine	11.022	200	208157	51.302	ng	96
70) Pentachlorophenol	11.122	266	201101	58.694	ng	96
71) Phenanthrene	11.339	178	1049386	43.159	ng	100
72) Anthracene	11.392	178	1031618	41.410	ng	99
73) Carbazole	11.551	167	853940	41.598	ng	99
74) Di-n-butylphthalate	11.886	149	1055300	44.823	ng	100
75) Fluoranthene	12.533	202	972613	42.218	ng	99
77) Benzidine	12.657	184	256426	66.470	ng	99
78) Pyrene	12.763	202	949297	37.656	ng	100
80) Butylbenzylphthalate	13.392	149	340585	44.343	ng	98
81) Benzo(a)anthracene	13.957	228	698959	43.086	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	191022	37.204	ng	97
83) Chrysene	13.998	228	676085	42.239	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	398823	47.935	ng	100
85) Di-n-octyl phthalate	14.574	149	662265	48.814	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	755781	37.296	ng	99
88) Benzo(b)fluoranthene	15.010	252	812317	50.786	ng	98
89) Benzo(k)fluoranthene	15.039	252	647770	41.242	ng	99
90) Benzo(a)pyrene	15.380	252	668578	41.871	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	610897	37.258	ng	100
92) Benzo(g,h,i)perylene	17.380	276	560742	33.408	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

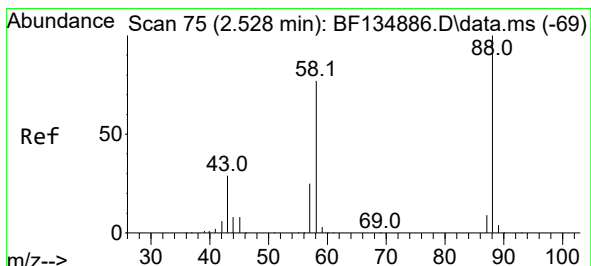
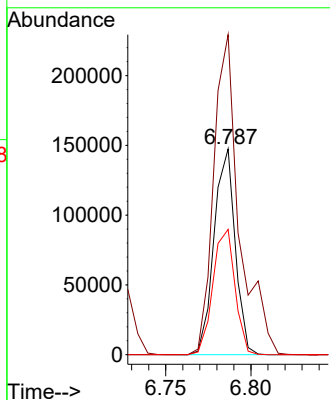
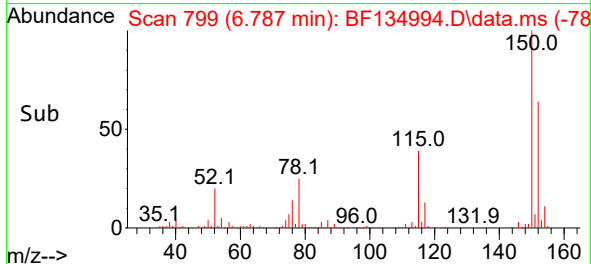
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:152 Resp: 12737
Ion Ratio Lower Upper
152 100
150 155.5 126.1 189.1
115 60.9 51.1 76.7

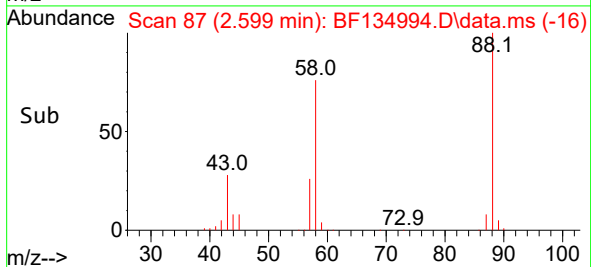
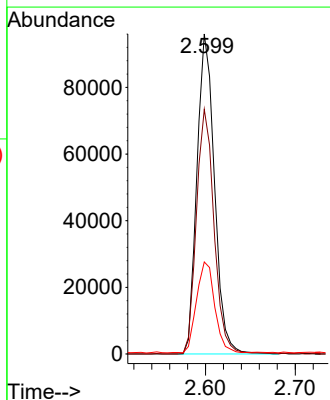
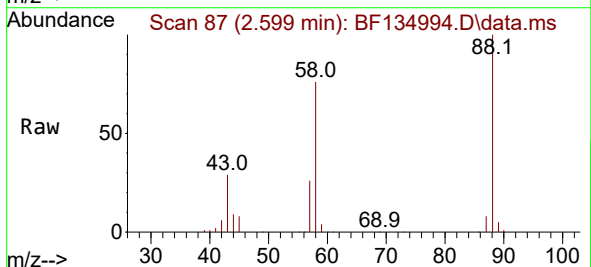
Manual Integrations
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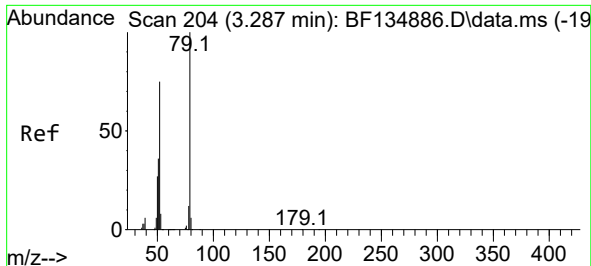
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#2
1,4-Dioxane
Concen: 37.566 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.070 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

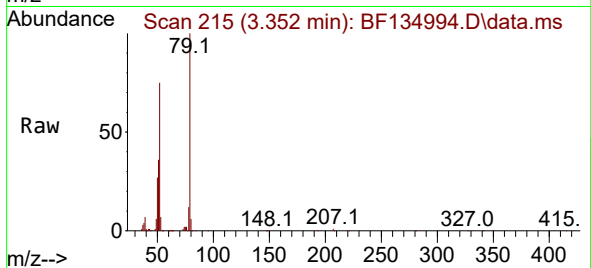
Tgt Ion: 88 Resp: 130221
Ion Ratio Lower Upper
88 100
58 77.3 62.6 93.8
43 29.5 23.3 34.9





#3
Pyridine
Concen: 35.369 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.065 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

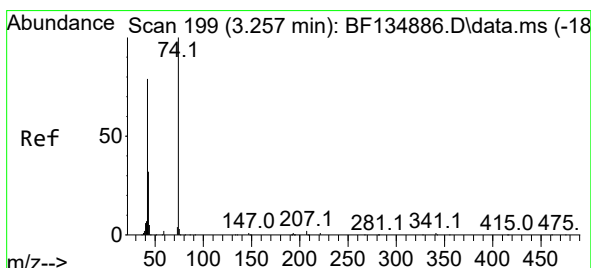
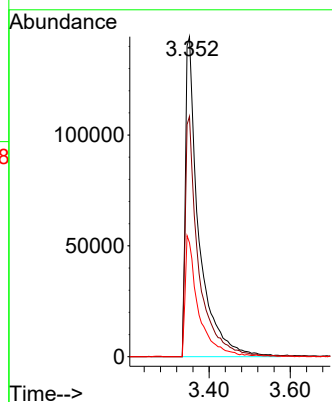
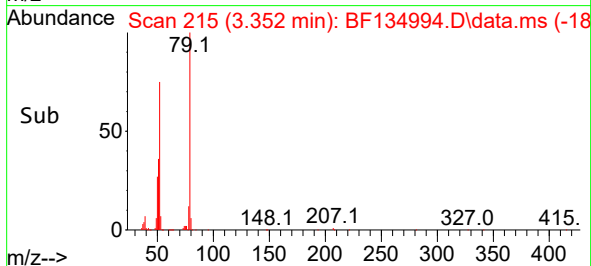
Instrument :
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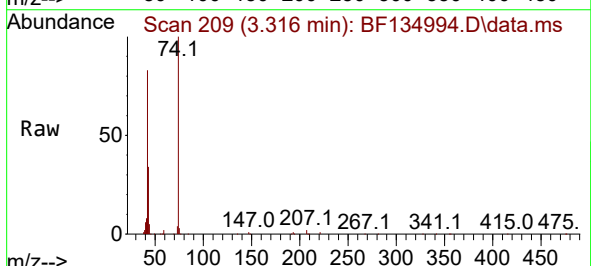
Tgt Ion: 79 Resp: 33039
Ion Ratio Lower Upper
79 100
52 75.1 60.1 90.1
51 35.6 29.4 44.0

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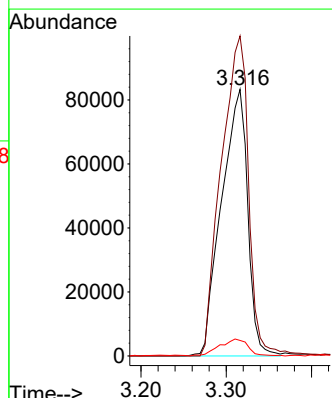
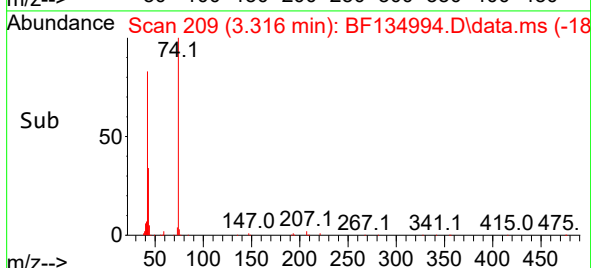
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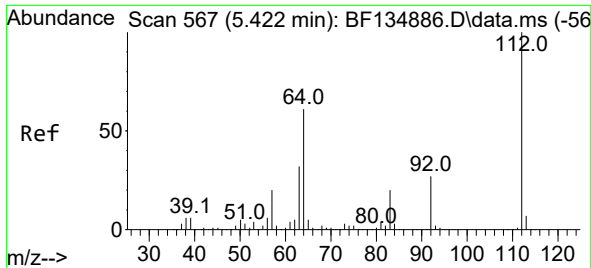


#4
n-Nitrosodimethylamine
Concen: 42.994 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.059 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



Tgt Ion: 42 Resp: 177571
Ion Ratio Lower Upper
42 100
74 120.1 101.8 152.8
44 5.9 5.4 8.0





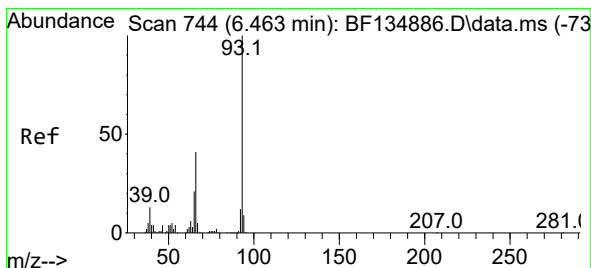
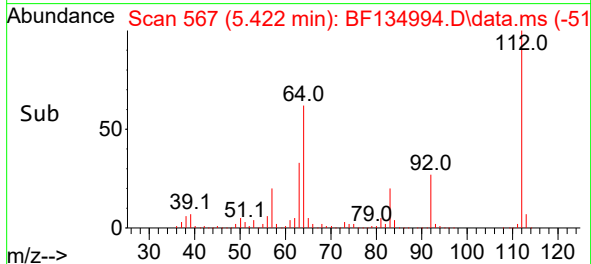
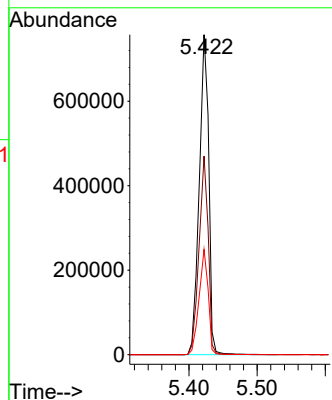
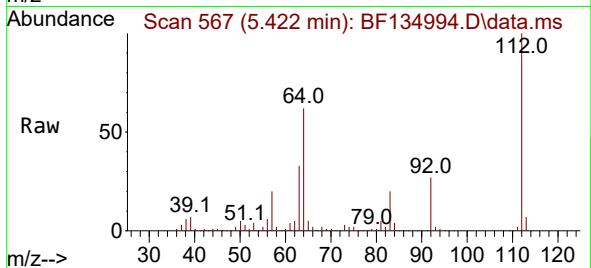
#5
2-Fluorophenol
Concen: 91.852 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 73365
Ion Ratio Lower Upper
112 100
64 62.1 48.6 73.0
63 32.9 25.7 38.5

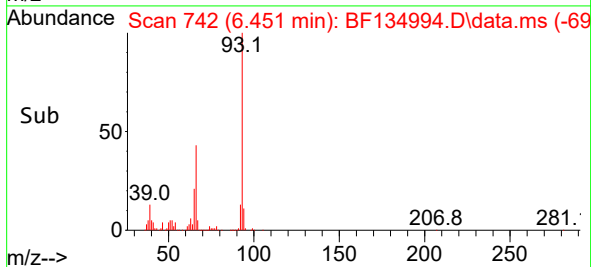
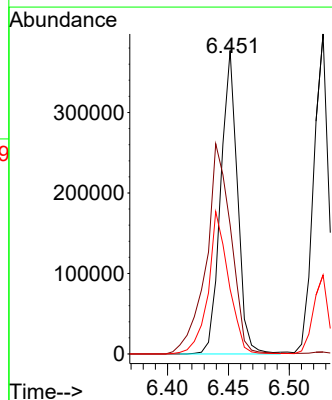
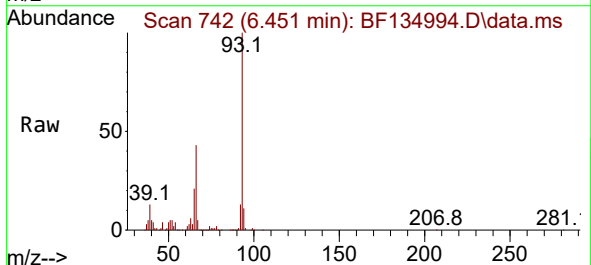
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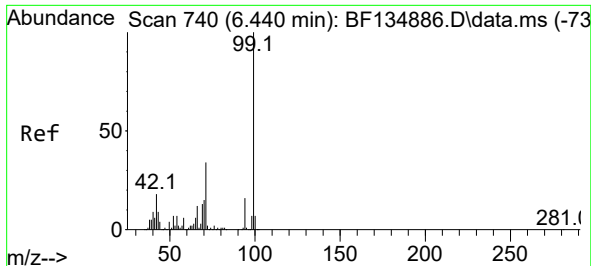
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#6
Aniline
Concen: 28.765 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

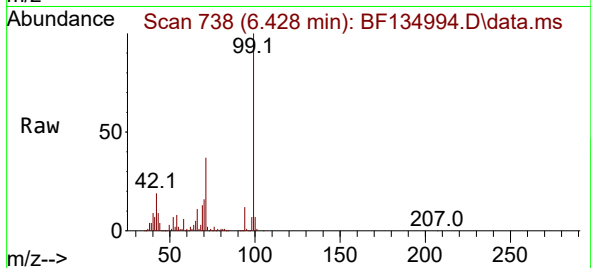
Tgt Ion: 93 Resp: 362862
Ion Ratio Lower Upper
93 100
66 42.5 32.7 49.1
65 21.3 16.7 25.1





#7
Phenol-d6
Concen: 92.074 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

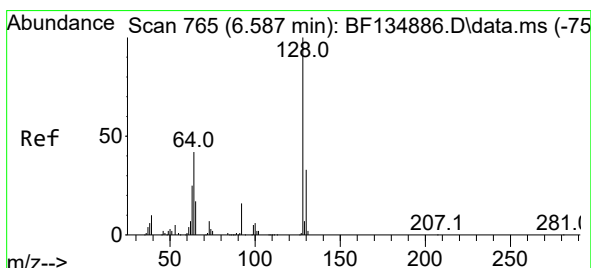
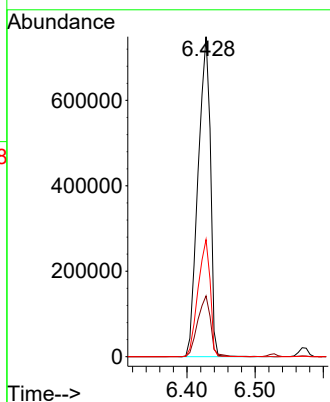
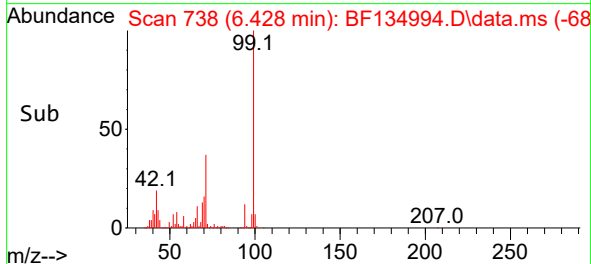
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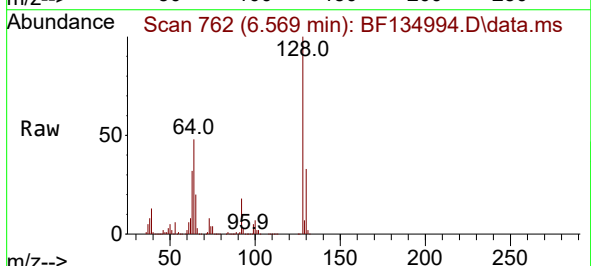
Tgt Ion: 99 Resp: 939738
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 36.6 27.6 41.4

Manual Integrations
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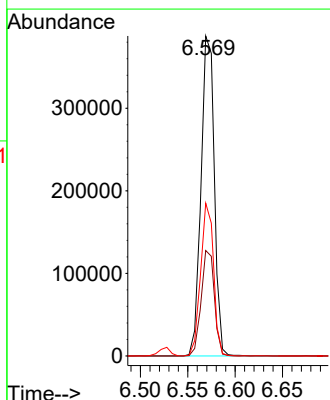
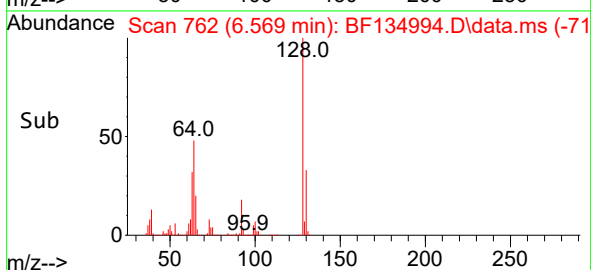
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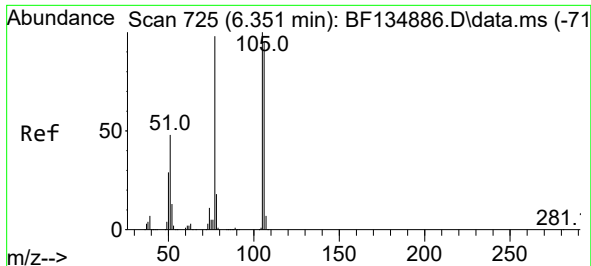


#8
2-Chlorophenol
Concen: 45.151 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



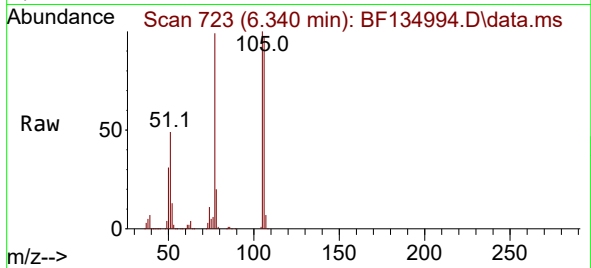
Tgt Ion:128 Resp: 378425
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 47.8 23.4 63.4





#9
Benzaldehyde
Concen: 24.679 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

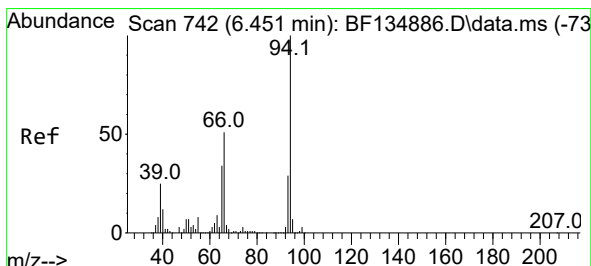
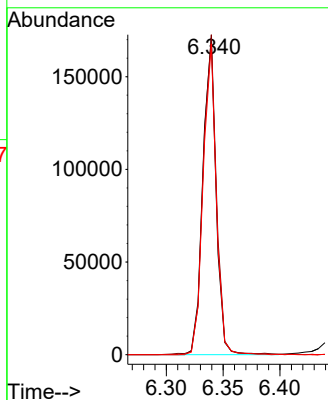
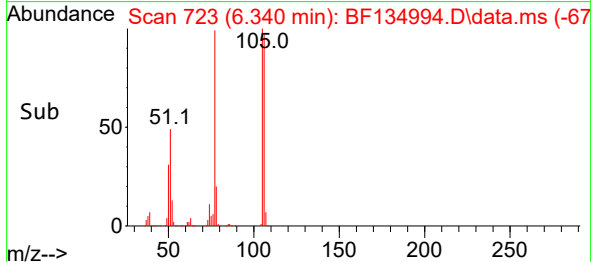
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 13814
Ion Ratio Lower Upper
77 100
105 101.0 82.4 122.4
106 98.1 77.2 117.2

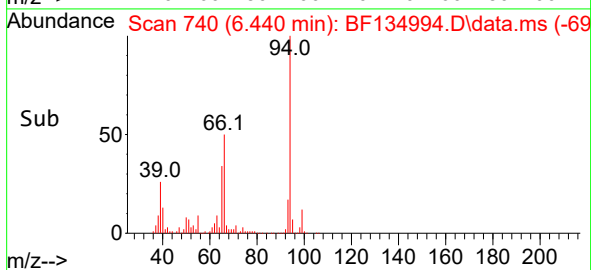
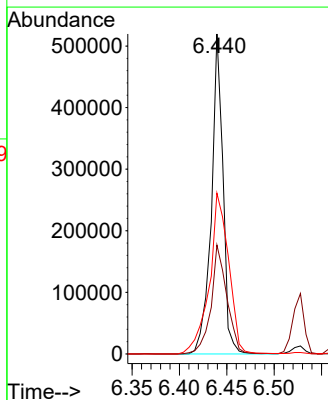
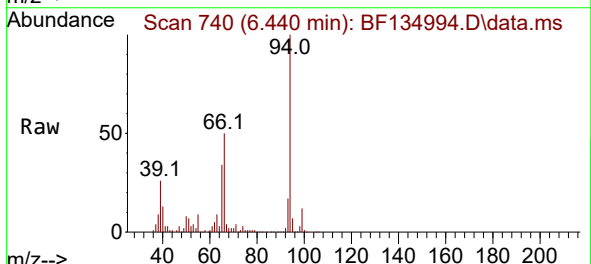
Manual Integrations
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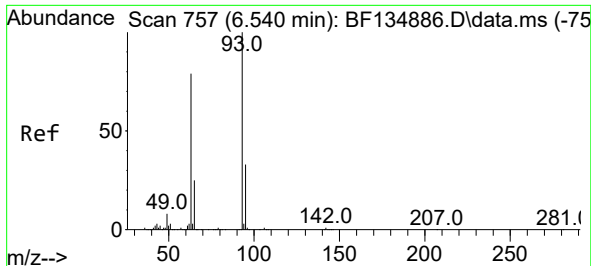
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#10
Phenol
Concen: 42.430 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion: 94 Resp: 443379
Ion Ratio Lower Upper
94 100
65 34.0 14.0 54.0
66 50.3 31.1 71.1





#11

bis(2-Chloroethyl)ether

Concen: 42.197 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF134994.D

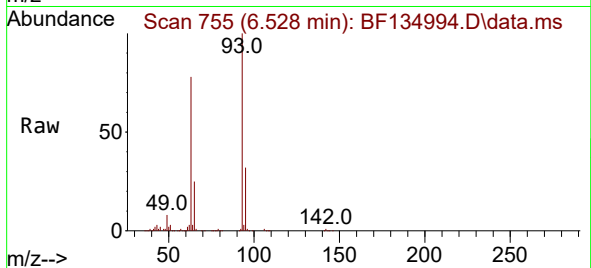
Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS



Tgt Ion: 93 Resp: 334479

Ion Ratio Lower Upper

93 100

63 78.1 58.7 98.7

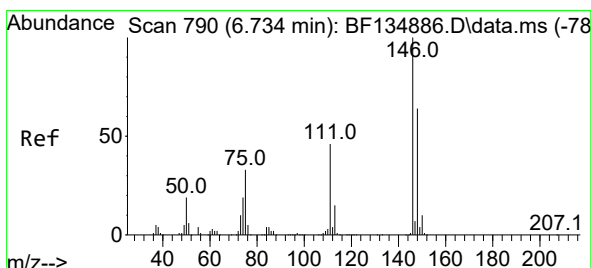
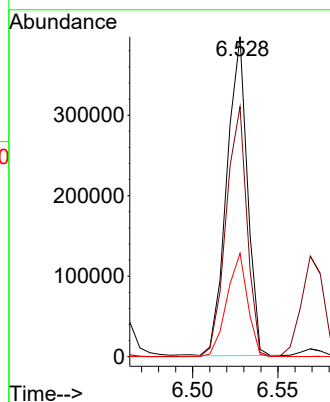
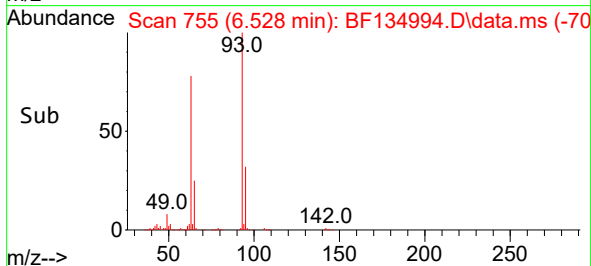
95 32.3 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#12

1,3-Dichlorobenzene

Concen: 44.931 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

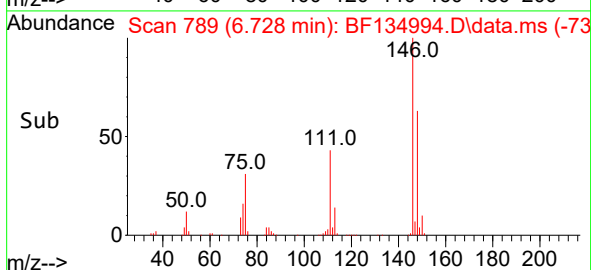
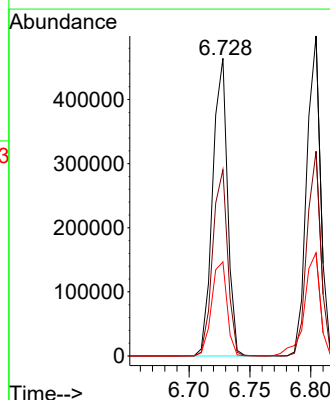
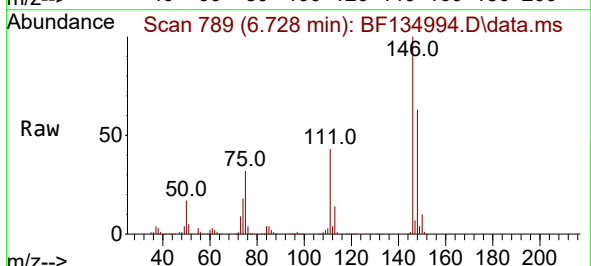
Tgt Ion:146 Resp: 392755

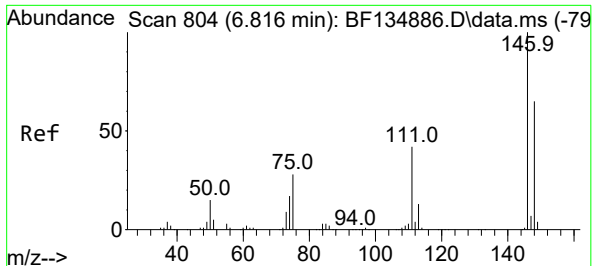
Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

75 31.6 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 45.327 ng

RT: 6.804 min Scan# 804

Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS

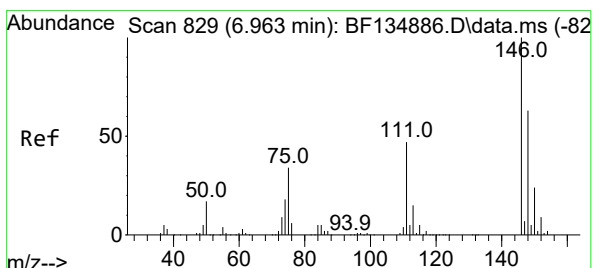
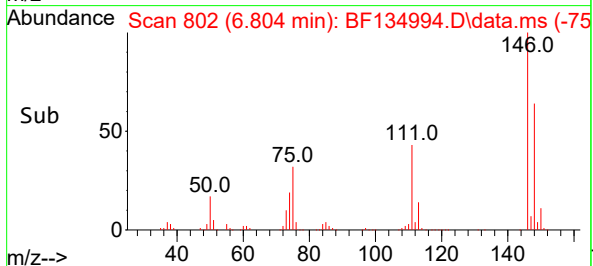
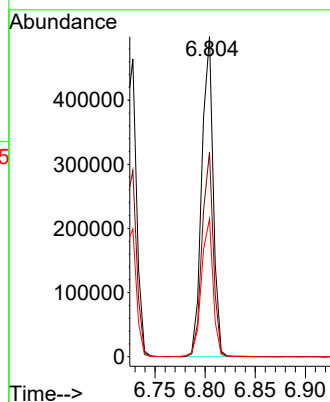
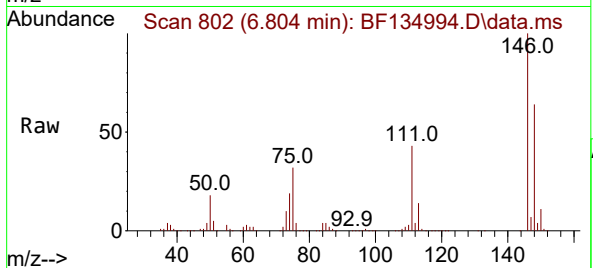
Tgt Ion:146 Resp: 396574
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.1 78.1
 111 43.0 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#14

1,2-Dichlorobenzene

Concen: 46.703 ng

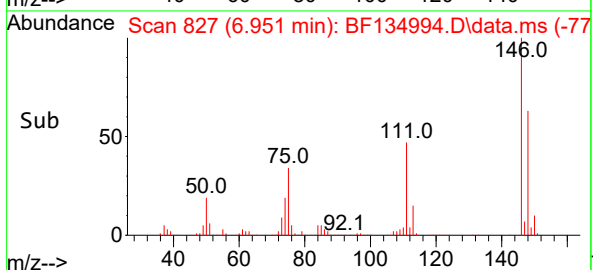
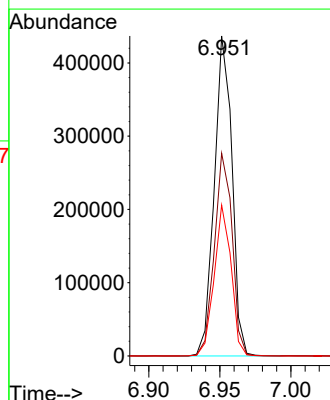
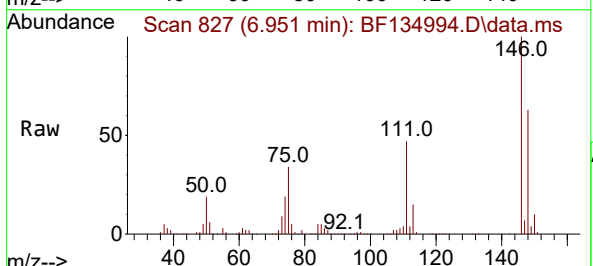
RT: 6.951 min Scan# 827

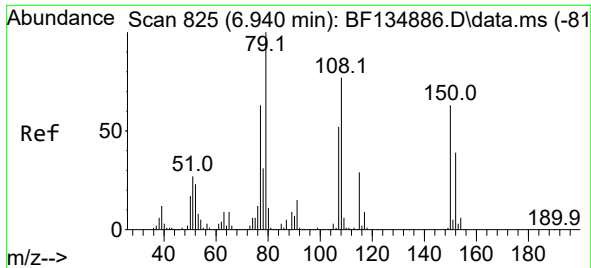
Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

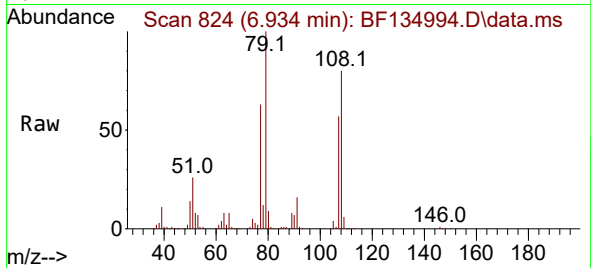
Tgt Ion:146 Resp: 378747
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.5 75.7
 111 47.2 37.5 56.3





#15
Benzyl Alcohol
Concen: 46.088 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

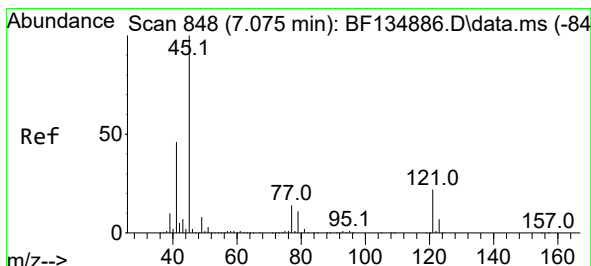
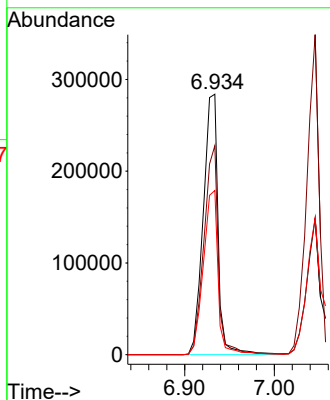
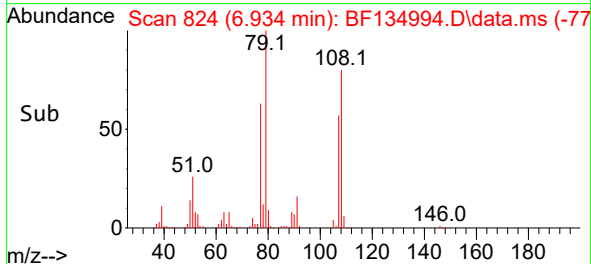
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion: 79 Resp: 32684
Ion Ratio Lower Upper
79 100
108 80.2 61.4 92.2
77 63.0 50.1 75.1

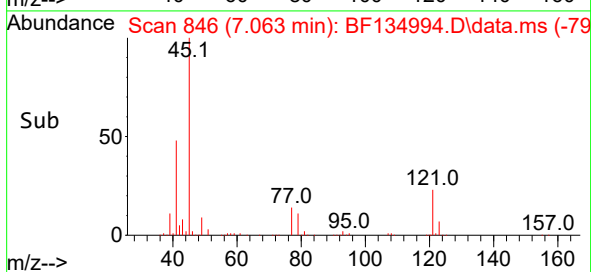
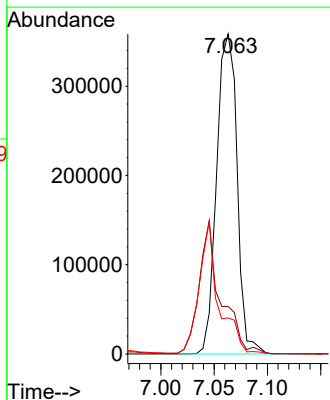
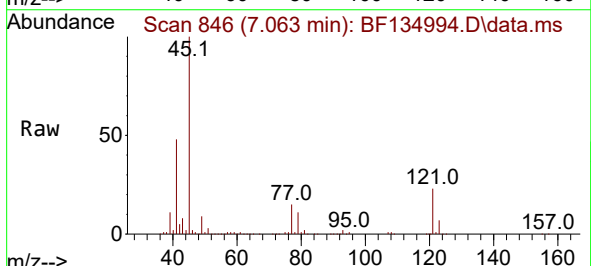
Manual Integrations
APPROVED

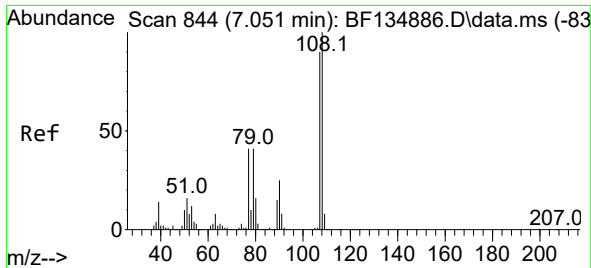
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.568 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

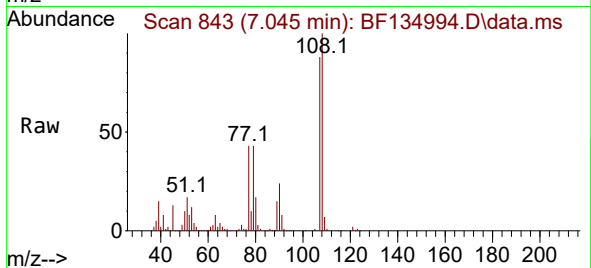
Tgt Ion: 45 Resp: 477131
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.9
79 11.2 0.0 31.1





#17
2-Methylphenol
Concen: 40.540 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

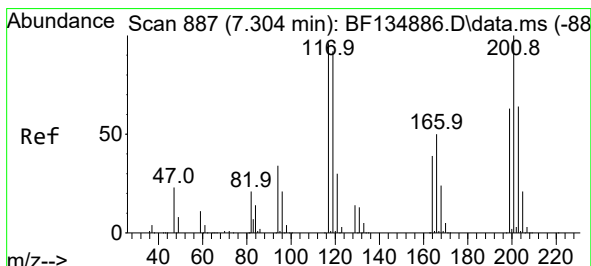
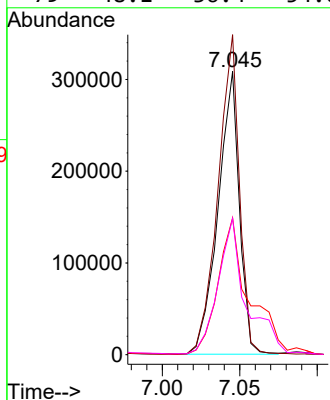
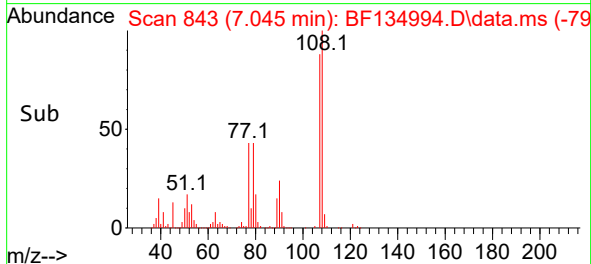
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:	107	Resp:	294064
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.0	133.6
77	48.3	36.5	54.7
79	48.1	36.4	54.6

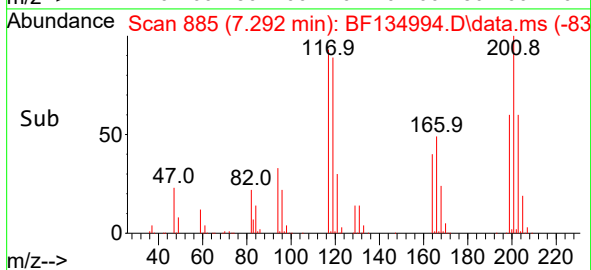
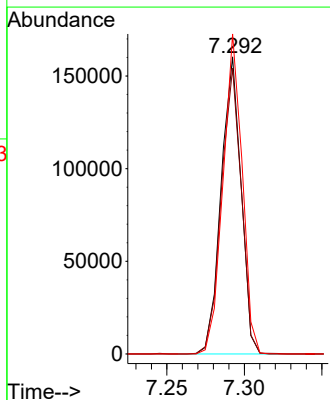
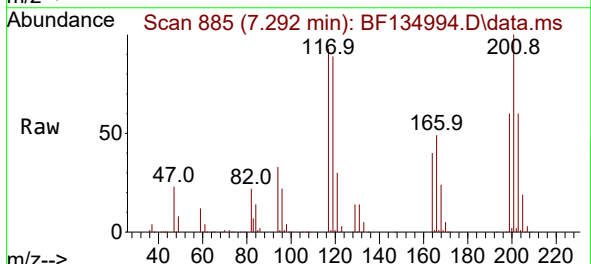
Manual Integrations
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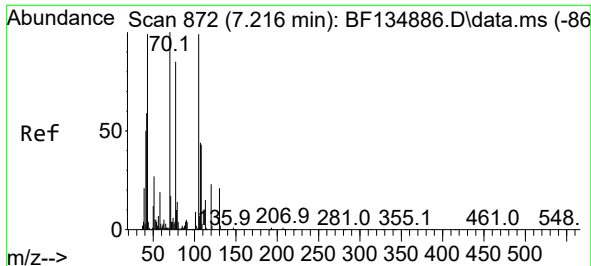
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#18
Hexachloroethane
Concen: 45.148 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion:	117	Resp:	142960
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	107.7	83.4	125.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.477 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134994.D

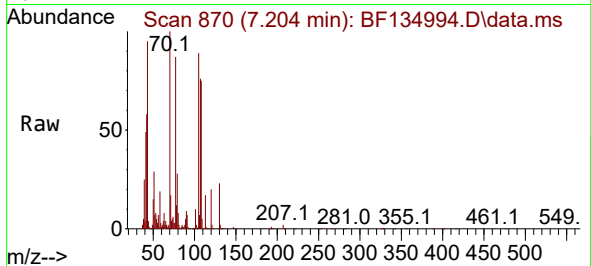
Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS



Tgt Ion: 70 Resp: 24724

Ion Ratio Lower Upper

70 100

42 57.9 46.9 70.3

101 10.5 7.5 11.3

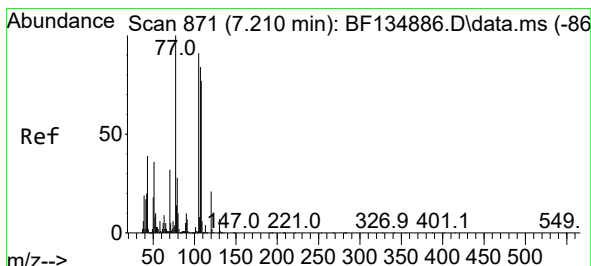
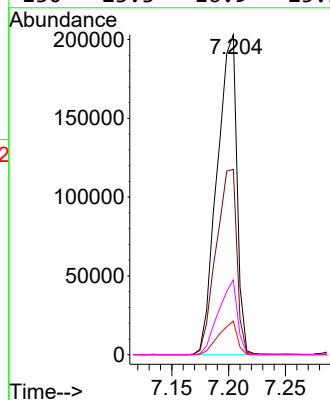
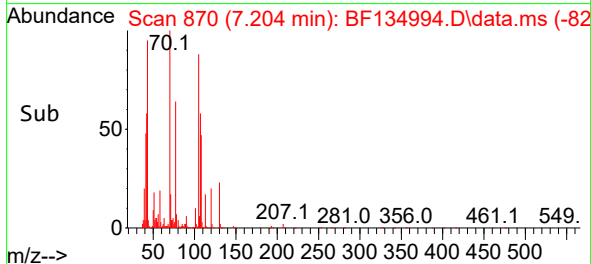
130 23.3 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#20

3+4-Methylphenols

Concen: 40.848 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

Tgt Ion:107 Resp: 351193

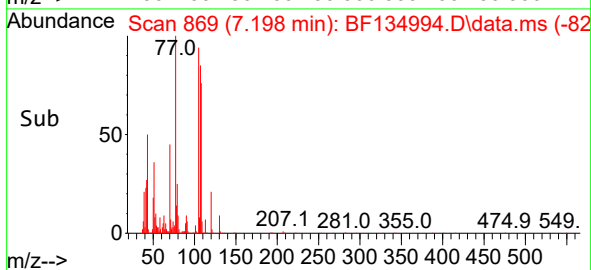
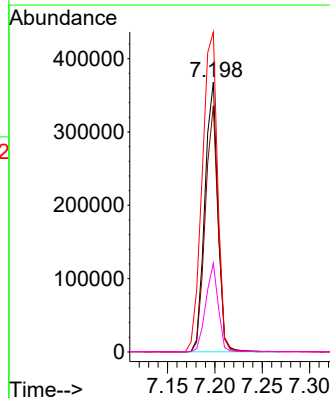
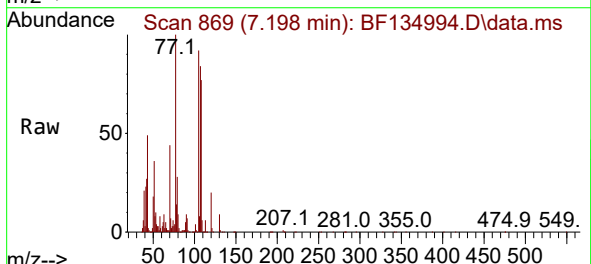
Ion Ratio Lower Upper

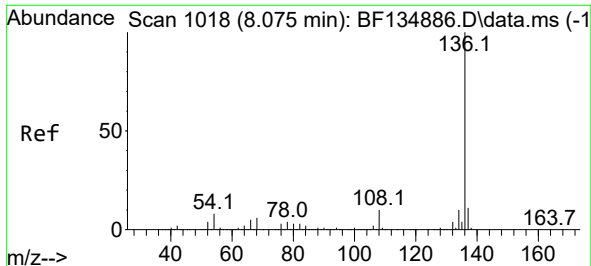
107 100

108 91.3 71.7 111.7

77 118.6 98.4 138.4

79 32.9 13.2 53.2





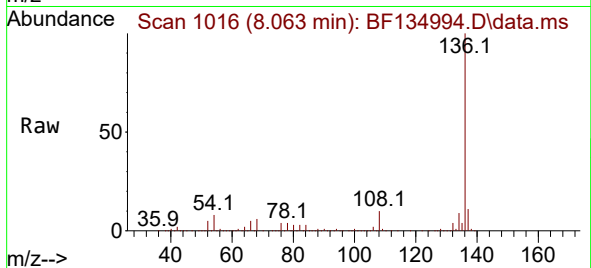
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

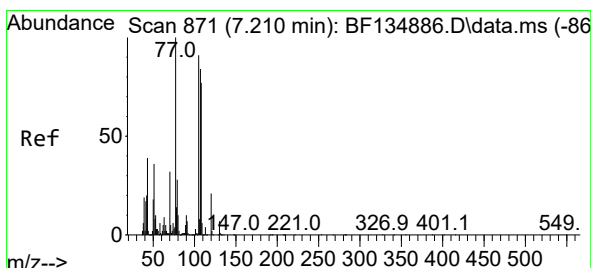
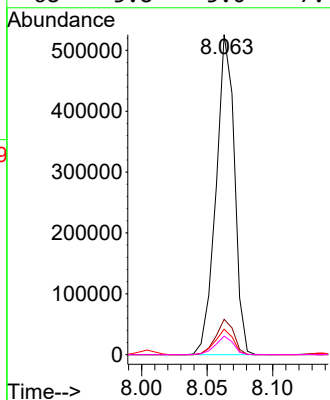
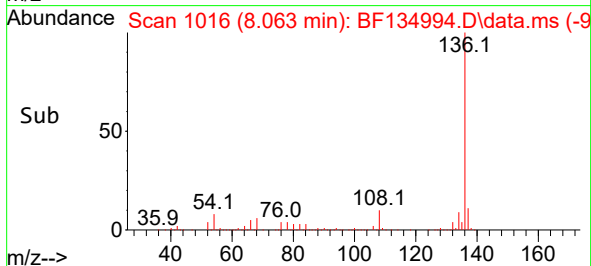
WC-6MS



Tgt Ion:136 Resp: 512272
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.6 9.8
68 5.8 5.0 7.4

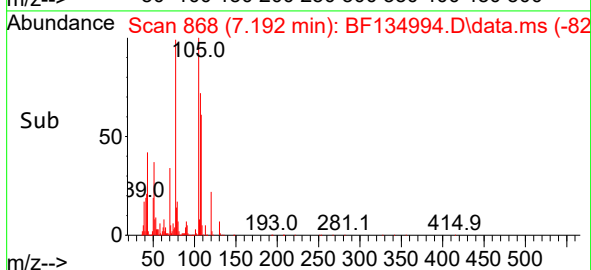
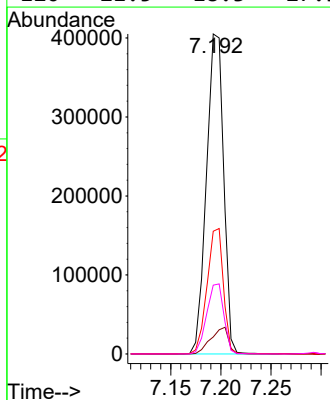
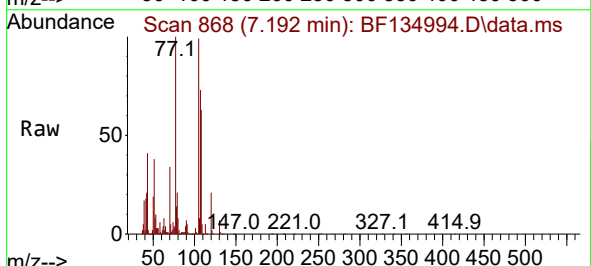
Manual Integrations
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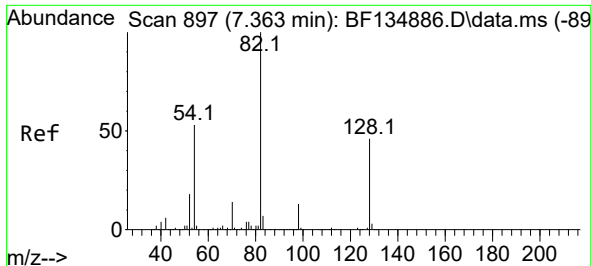
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#22
Acetophenone
Concen: 42.868 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion:105 Resp: 485375
Ion Ratio Lower Upper
105 100
71 5.3 4.6 6.8
51 38.4 32.2 48.2
120 21.5 18.3 27.5





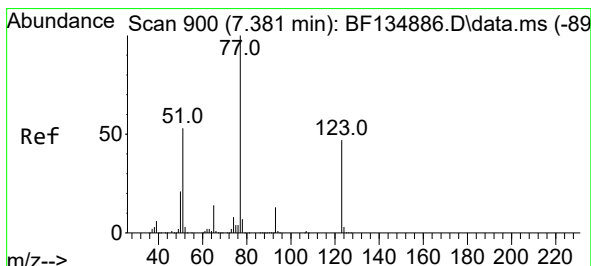
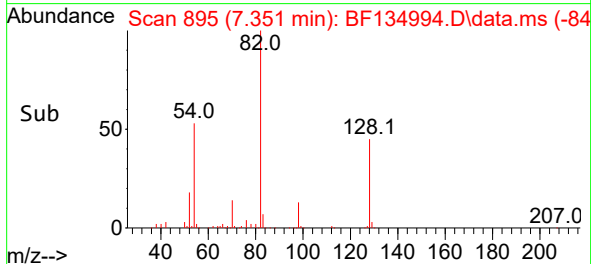
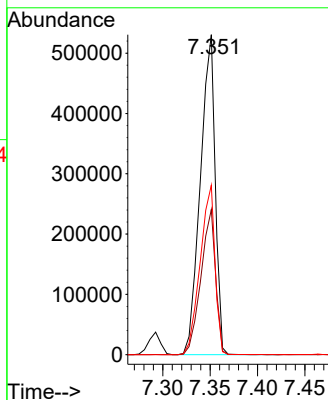
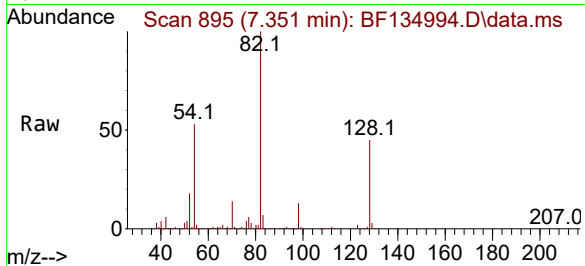
#23
Nitrobenzene-d5
Concen: 62.369 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion: 82 Resp: 579815
Ion Ratio Lower Upper
82 100
128 45.3 36.6 54.8
54 52.9 42.6 63.8

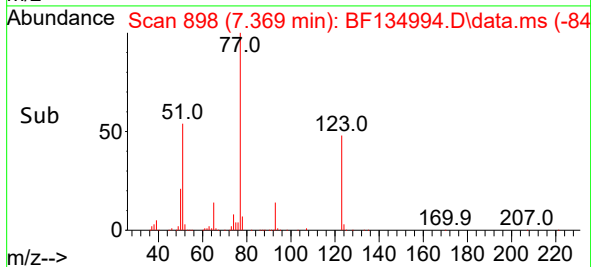
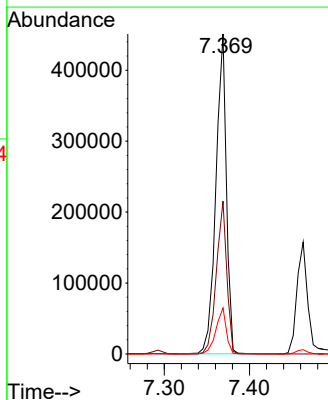
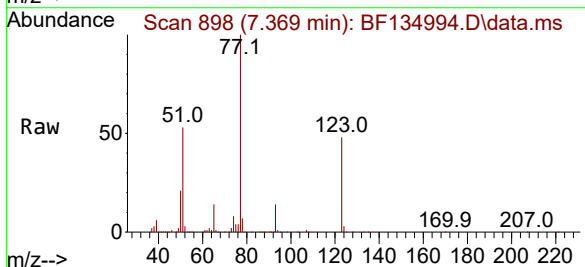
Manual Integrations
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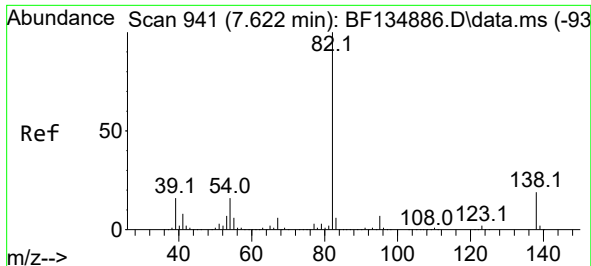
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#24
Nitrobenzene
Concen: 41.306 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion: 77 Resp: 385316
Ion Ratio Lower Upper
77 100
123 47.8 37.9 56.9
65 14.4 11.1 16.7





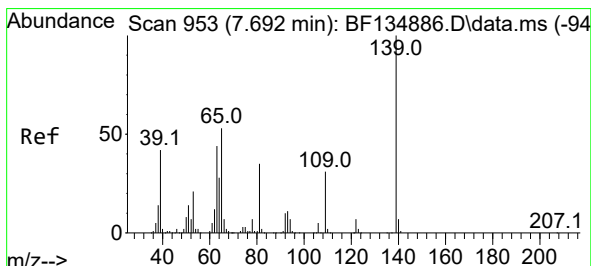
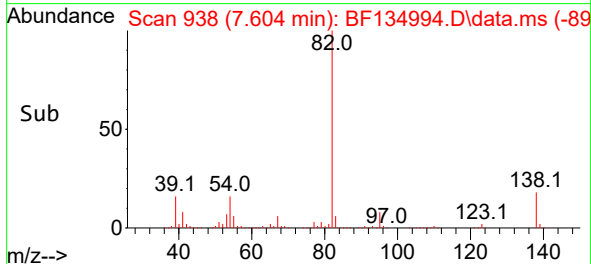
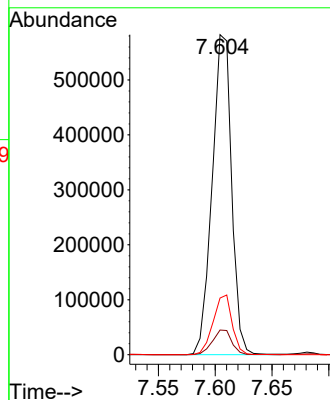
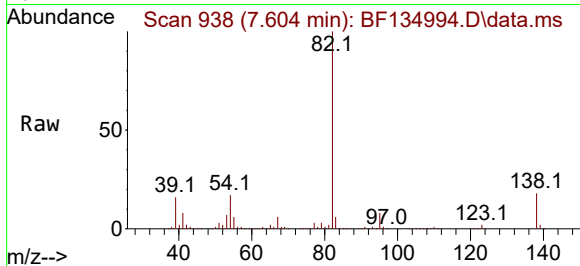
#25
Isophorone
Concen: 39.972 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion: 82 Resp: 693884
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 17.7 14.9 22.3

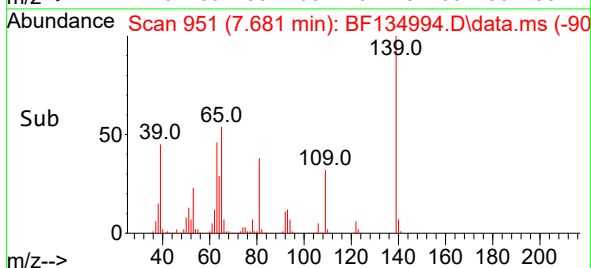
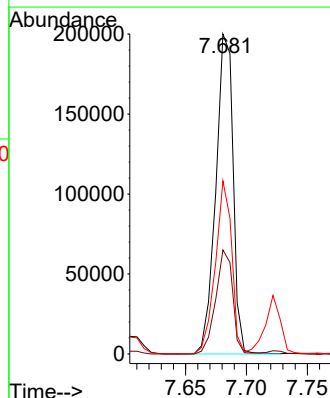
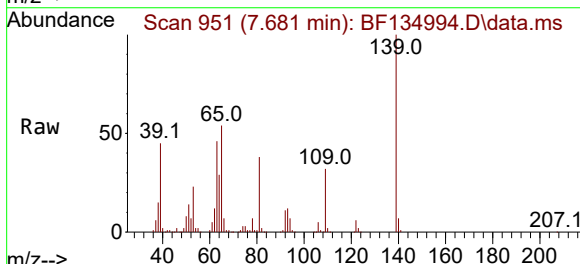
Manual Integrations
APPROVED

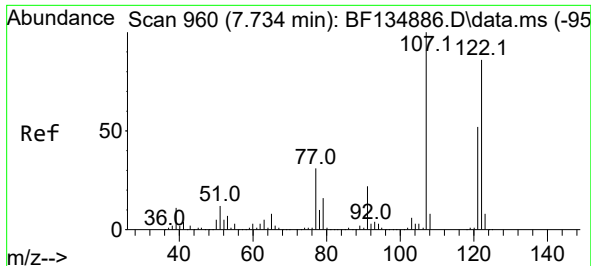
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#26
2-Nitrophenol
Concen: 42.796 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion:139 Resp: 198749
Ion Ratio Lower Upper
139 100
109 32.5 24.5 36.7
65 54.1 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 40.391 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

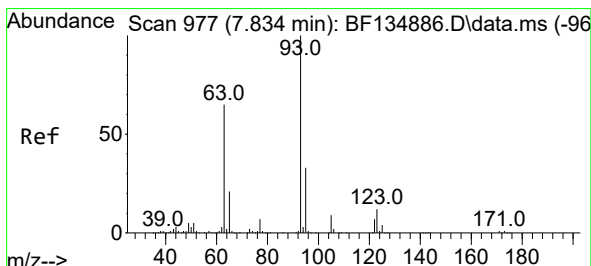
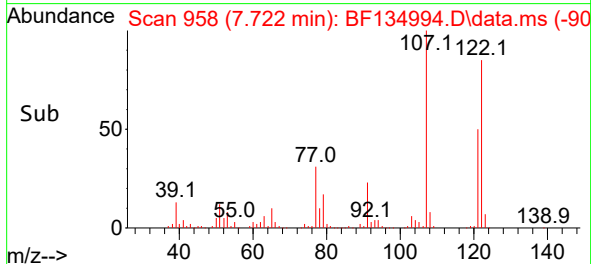
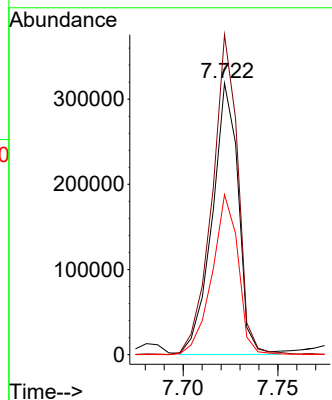
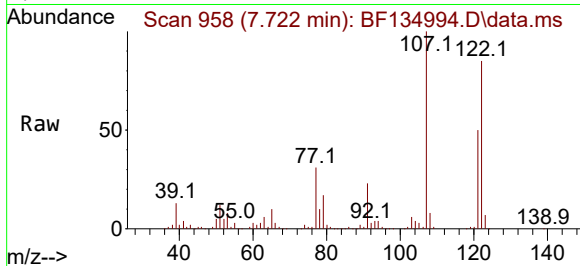
ClientSampleId :

WC-6MS

Tgt Ion:122 Resp: 30594
Ion Ratio Lower Upper
122 100
107 117.8 92.9 139.3
121 58.9 48.4 72.6

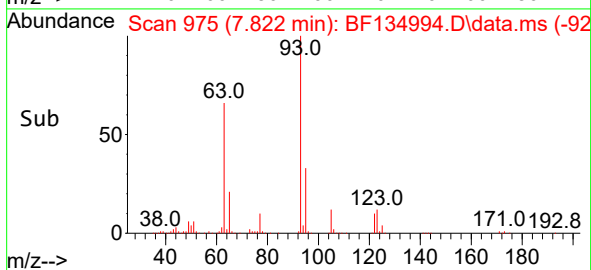
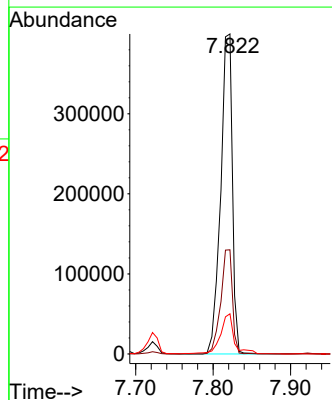
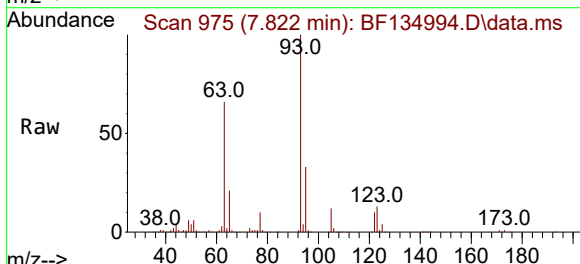
Manual Integrations
APPROVED

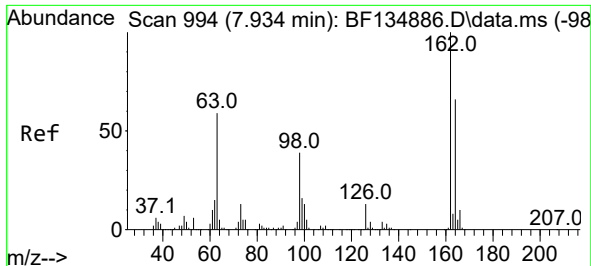
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.827 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion: 93 Resp: 422408
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.949 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS

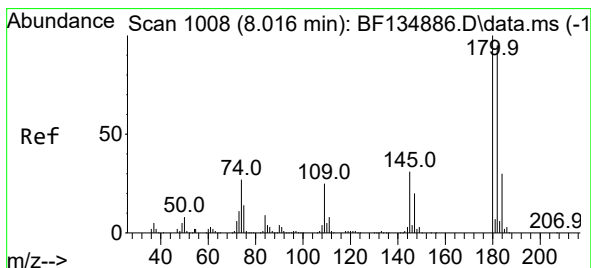
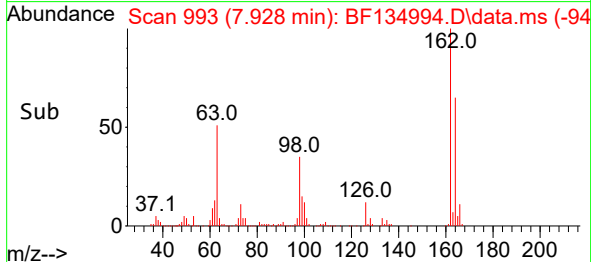
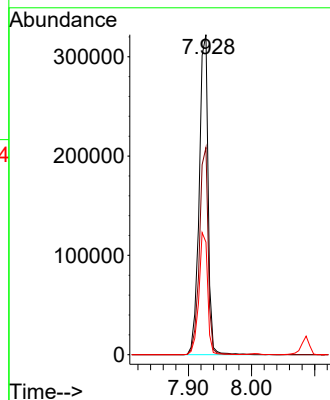
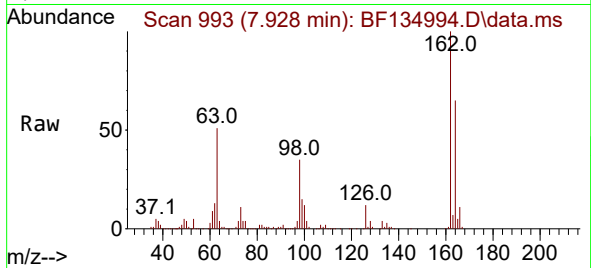
Tgt Ion:162 Resp: 31395
 Ion Ratio Lower Upper
 162 100
 164 64.7 45.6 85.6
 98 35.1 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.025 ng

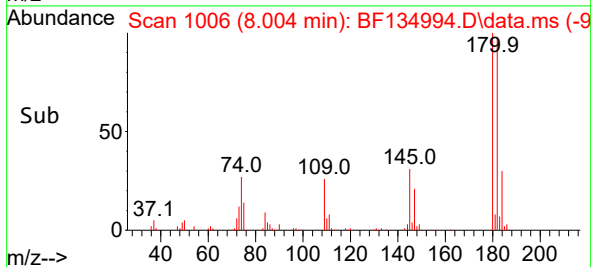
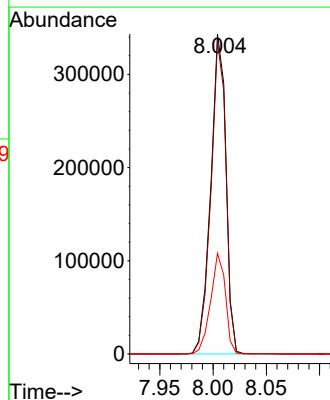
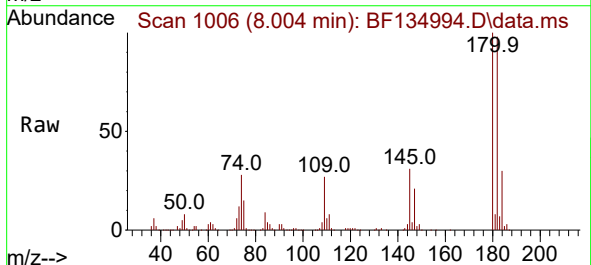
RT: 8.004 min Scan# 1006

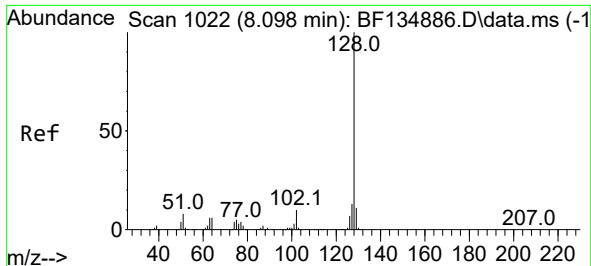
Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

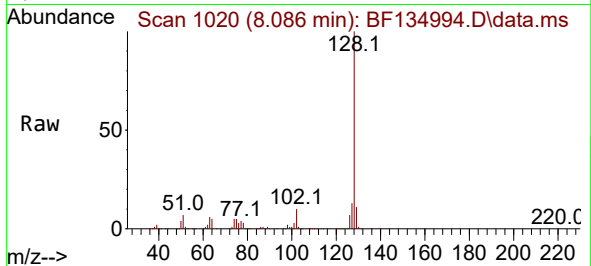
Tgt Ion:180 Resp: 341861
 Ion Ratio Lower Upper
 180 100
 182 97.6 76.0 114.0
 145 31.5 24.6 37.0





#31
Naphthalene
Concen: 41.662 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

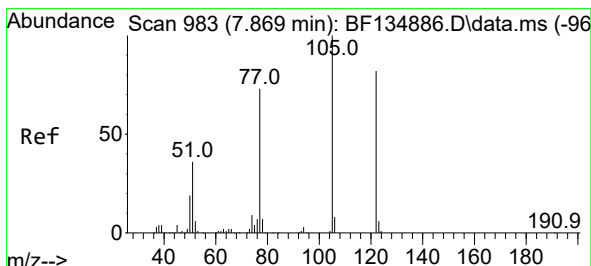
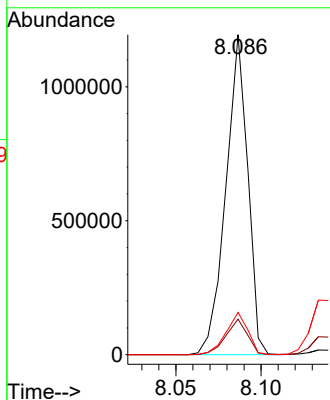
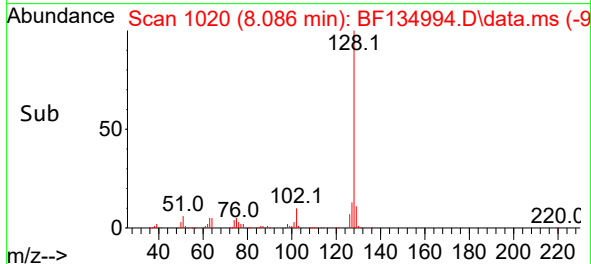
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:128 Resp: 106568
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 16.0

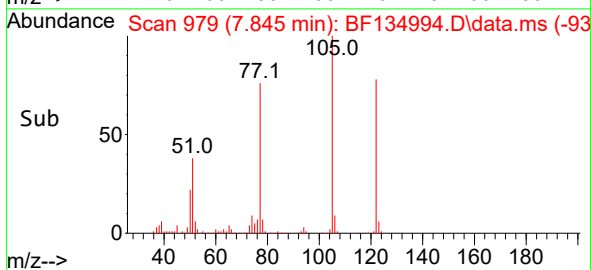
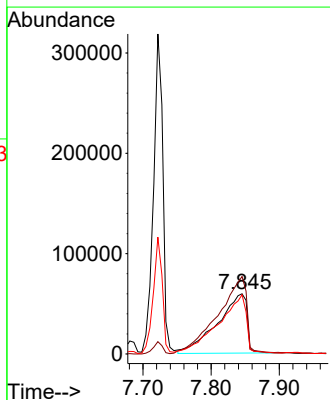
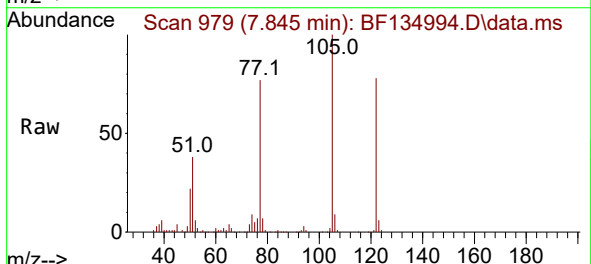
Manual Integrations
APPROVED

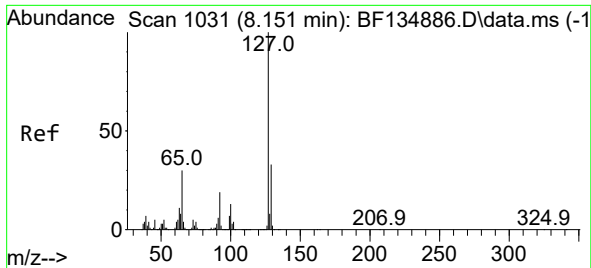
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#32
Benzoic acid
Concen: 31.961 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion:122 Resp: 178667
Ion Ratio Lower Upper
122 100
105 128.6 98.6 138.6
77 98.4 68.6 108.6





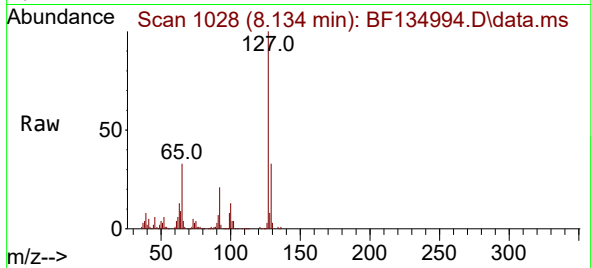
#33
4-Chloroaniline
Concen: 18.921 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS



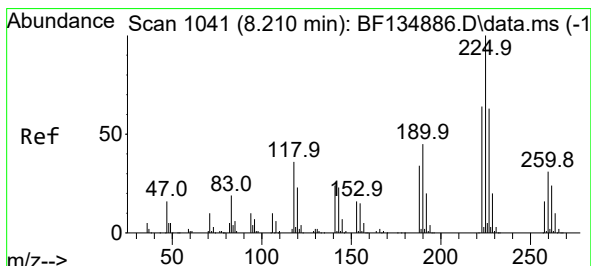
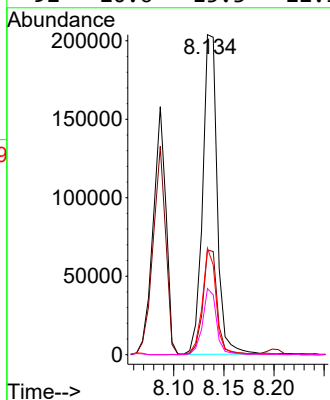
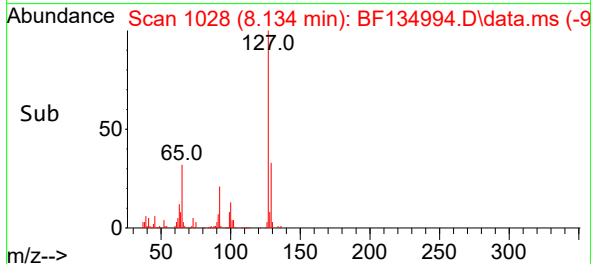
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	33.3	23.8	35.8
92	20.6	15.3	22.9

Manual Integrations

APPROVED

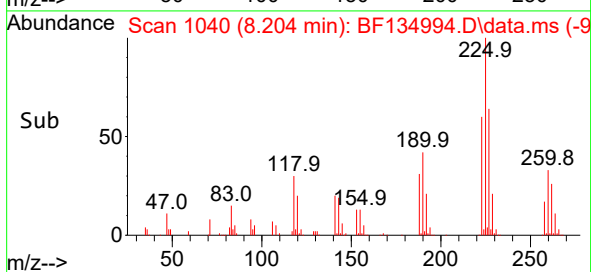
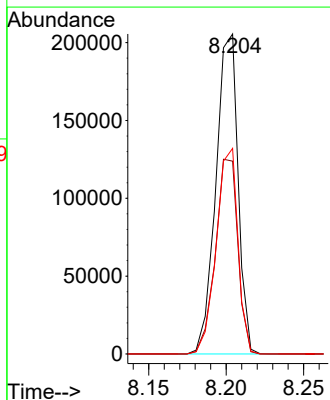
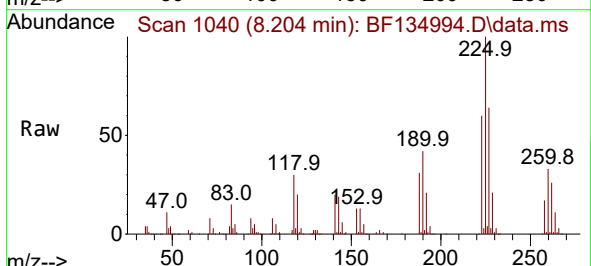
Reviewed By :Yogesh Patel 08/30/2023

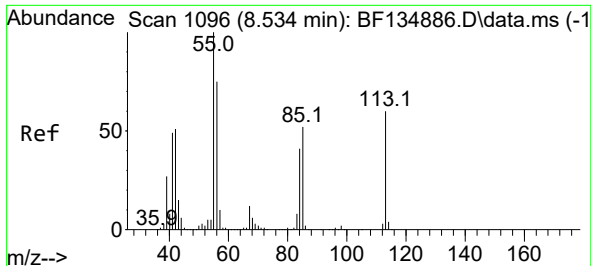
Supervised By :mohammad ahmed 08/30/2023



#34
Hexachlorobutadiene
Concen: 43.262 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

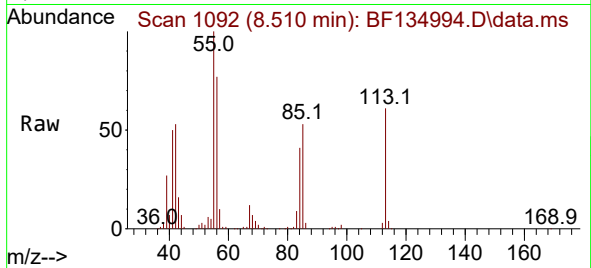
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	51.1	76.7
227	64.2	50.1	75.1





#35
 Caprolactam
 Concen: 41.205 ng m
 RT: 8.510 min Scan# 1096
 Delta R.T. -0.024 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48

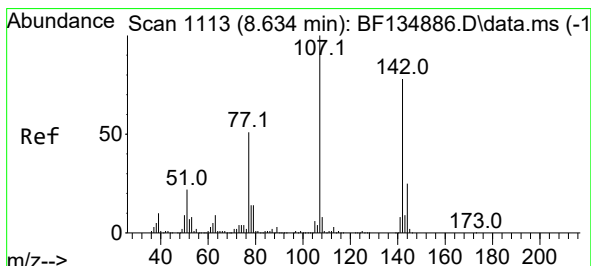
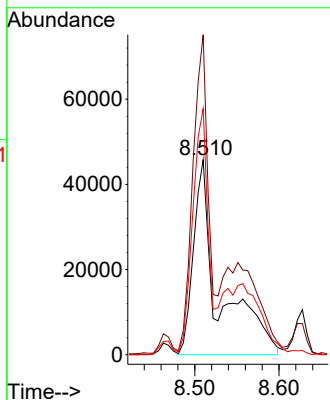
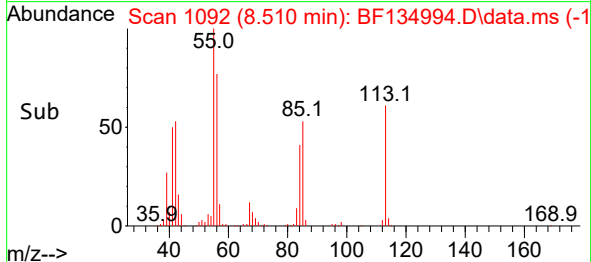
Instrument :
 BNA_F
 ClientSampleId :
 WC-6MS



Tgt Ion:113 Resp: 9626
 Ion Ratio Lower Upper
 113 100
 55 164.1 147.2 187.2
 56 126.2 106.0 146.0

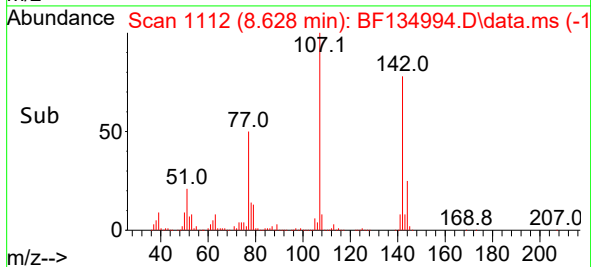
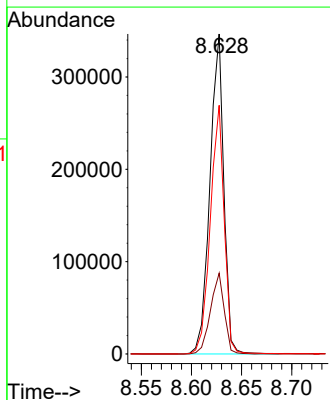
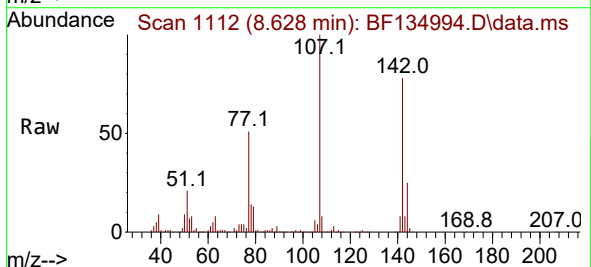
Manual Integrations
 APPROVED

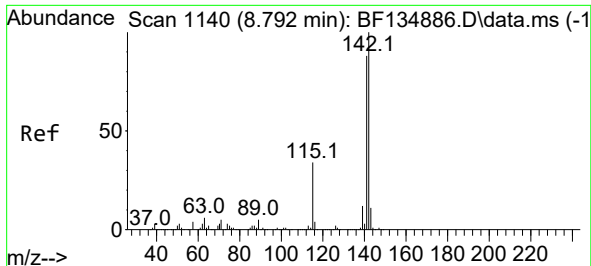
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.301 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48

Tgt Ion:107 Resp: 334090
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 77.7 62.5 93.7





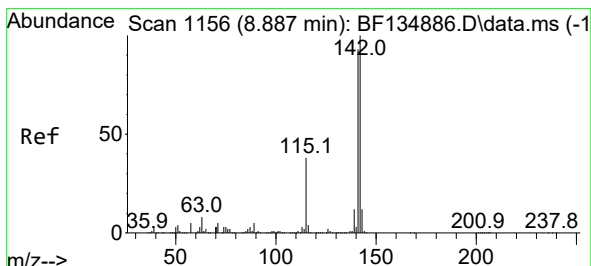
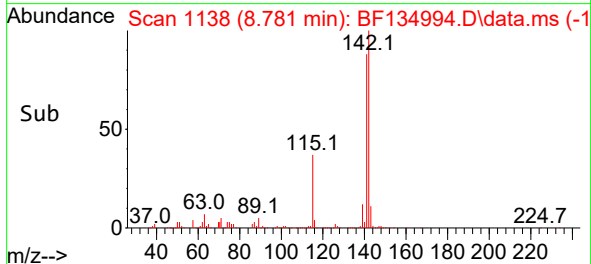
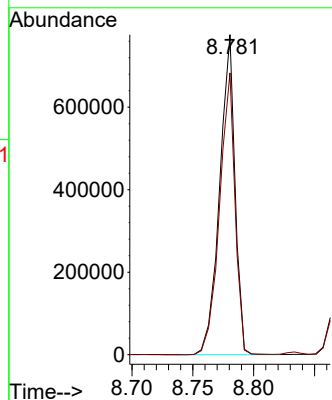
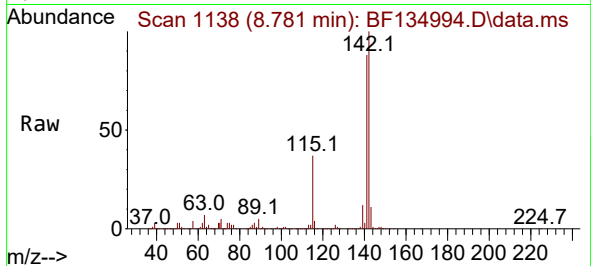
#37
2-Methylnaphthalene
Concen: 39.989 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion:142 Resp: 68215
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2

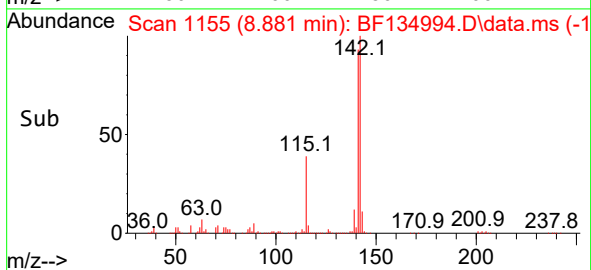
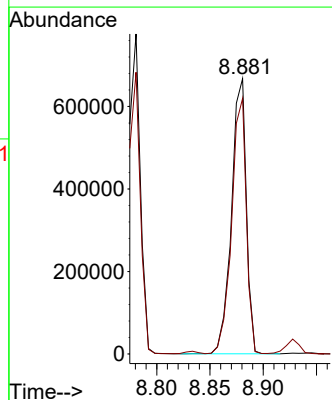
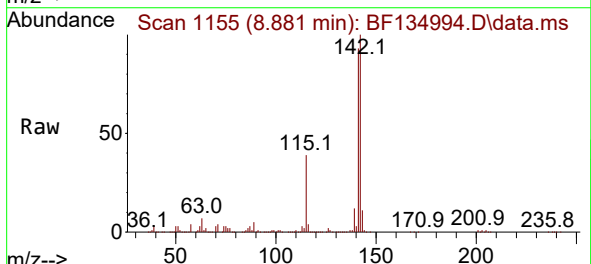
Manual Integrations
APPROVED

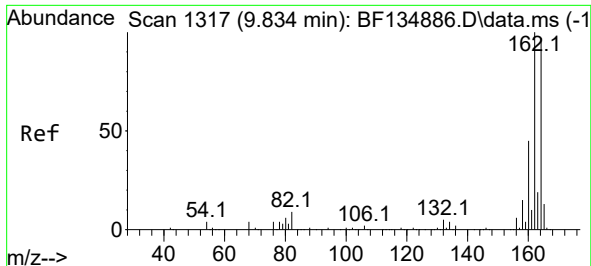
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#38
1-Methylnaphthalene
Concen: 40.573 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

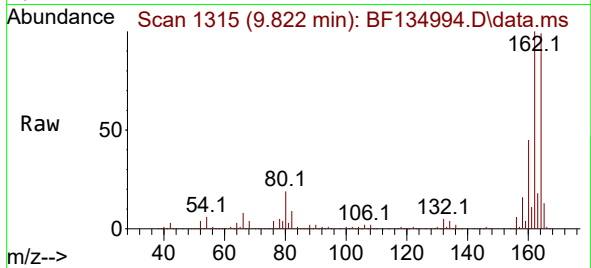
Tgt Ion:142 Resp: 647176
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

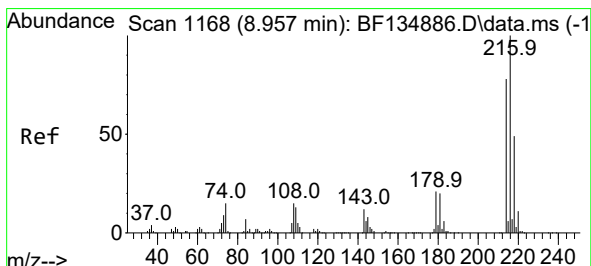
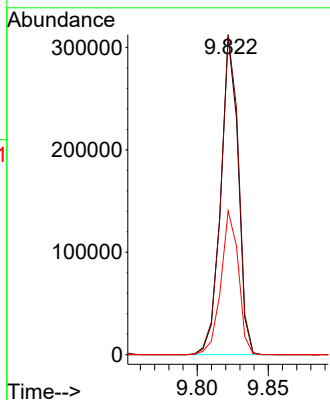
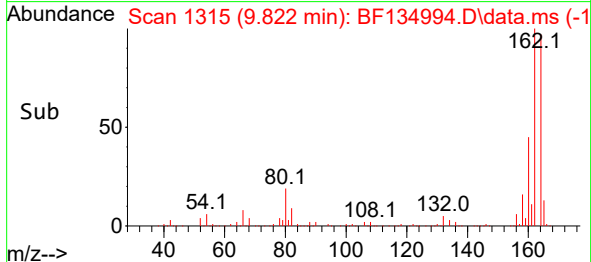
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:164 Resp: 263934
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 45.2 37.0 55.4

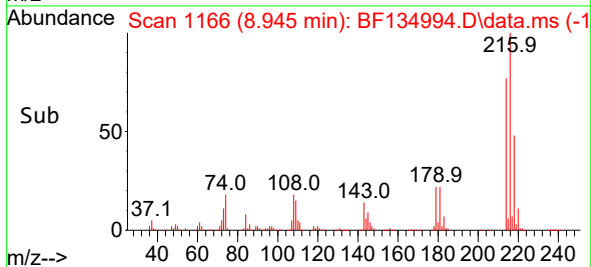
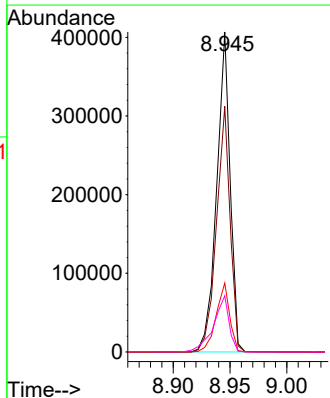
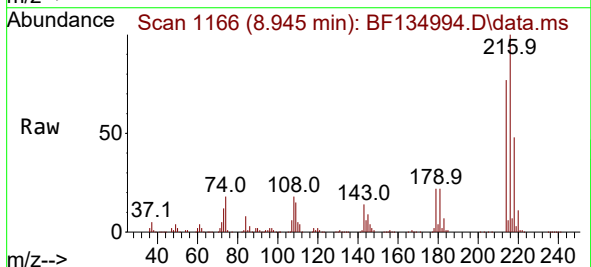
Manual Integrations
APPROVED

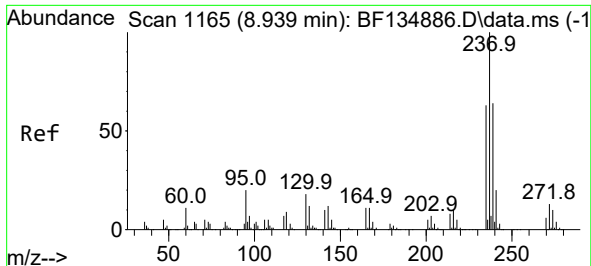
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.657 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

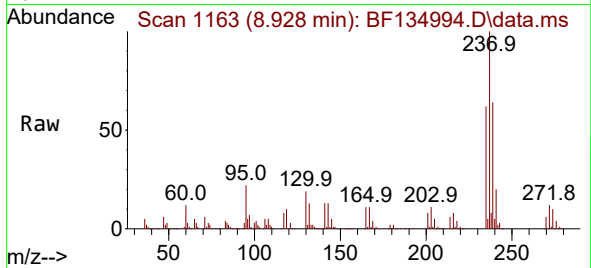
Tgt Ion:216 Resp: 335024
Ion Ratio Lower Upper
216 100
214 78.1 63.1 94.7
179 21.7 17.3 25.9
108 20.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 72.047 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.011 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

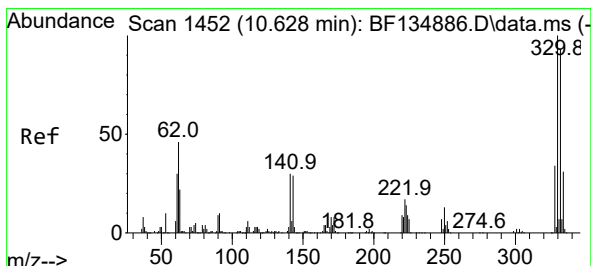
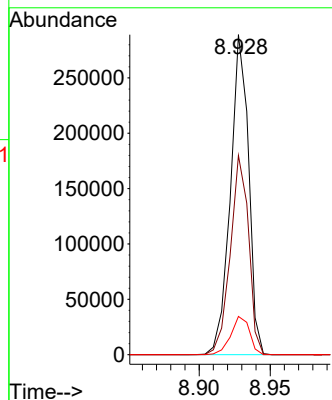
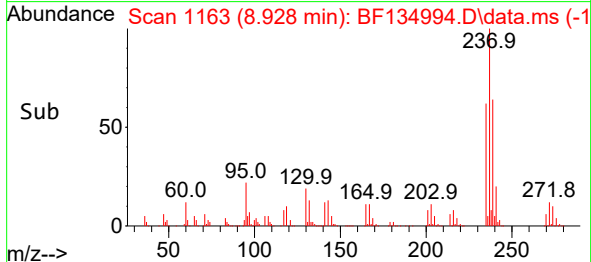
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion: 237 Resp: 256530
Ion Ratio Lower Upper
237 100
235 62.3 43.1 83.1
272 12.0 0.0 32.6

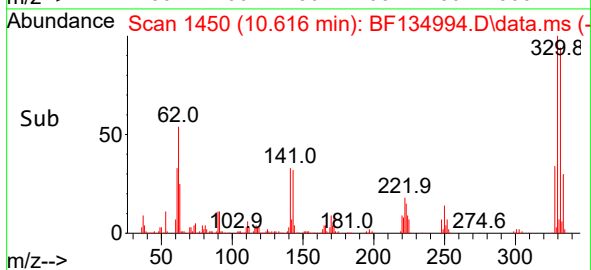
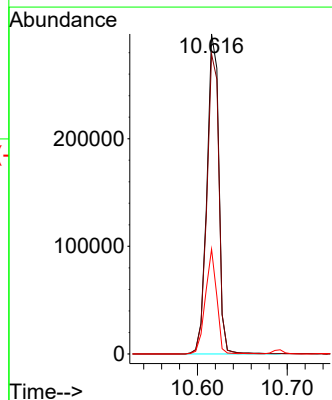
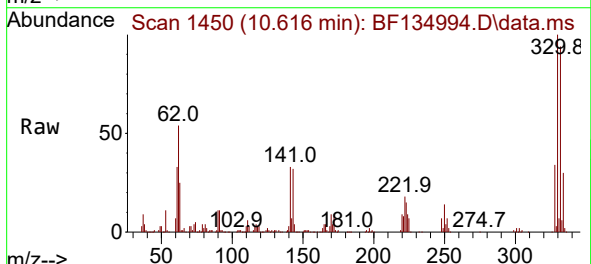
Manual Integrations
APPROVED

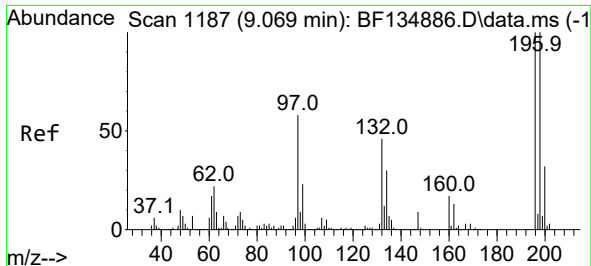
Reviewed By : Yogesh Patel 08/30/2023
Supervised By : mohammad ahmed 08/30/2023



#42
2,4,6-Tribromophenol
Concen: 88.394 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion: 330 Resp: 274770
Ion Ratio Lower Upper
330 100
332 95.2 76.3 114.5
141 31.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.487 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF134994.D

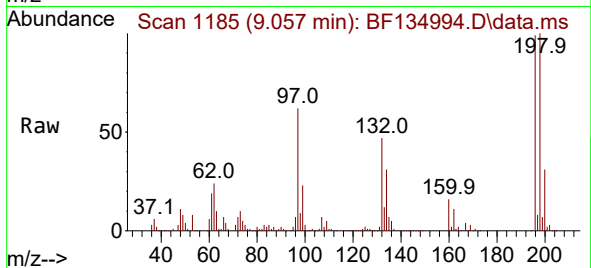
Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS



Tgt Ion:196 Resp: 220358

Ion Ratio Lower Upper

196 100

198 101.1 79.8 119.6

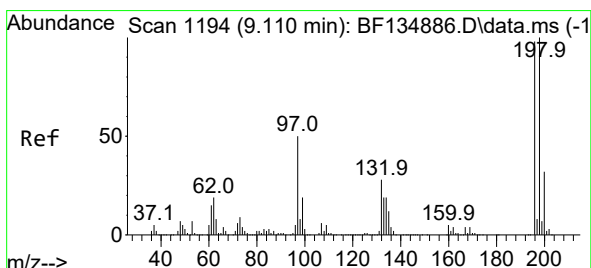
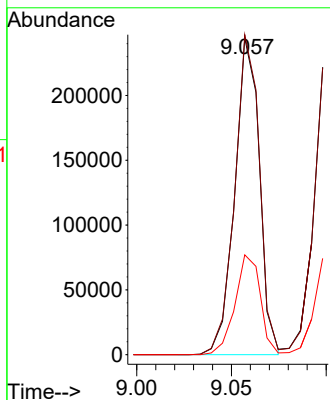
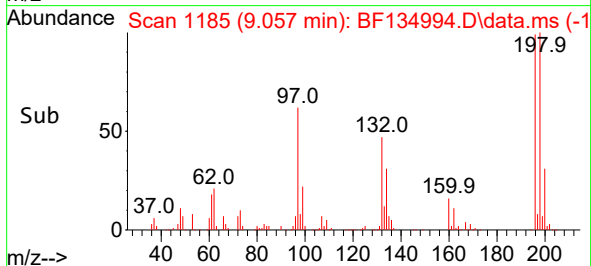
200 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#44

2,4,5-Trichlorophenol

Concen: 38.060 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

Tgt Ion:196 Resp: 234043

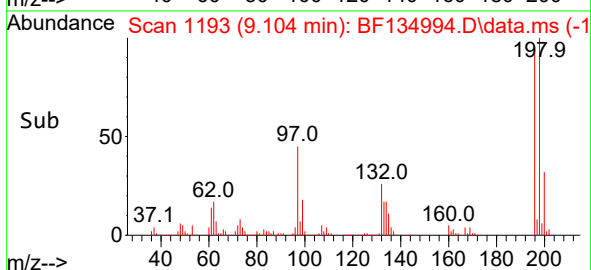
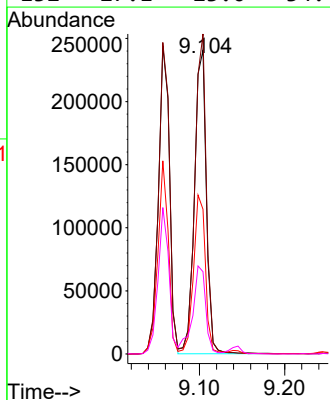
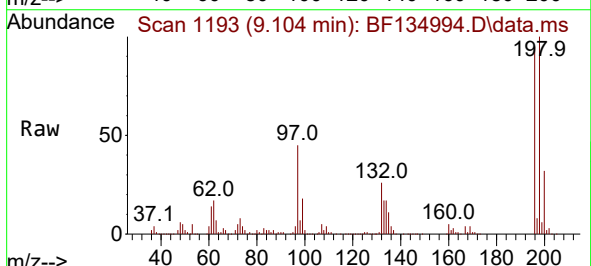
Ion Ratio Lower Upper

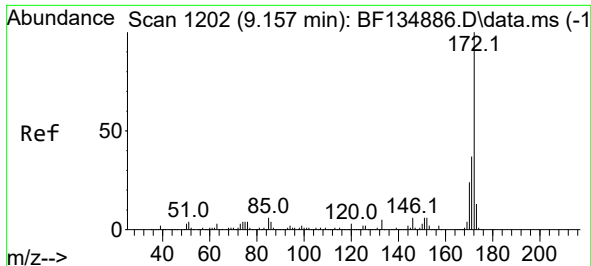
196 100

198 105.4 81.8 122.6

97 47.6 41.3 61.9

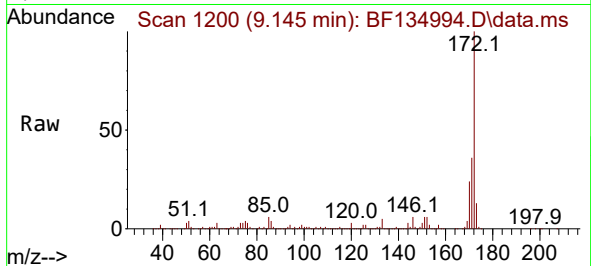
132 27.1 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 63.581 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

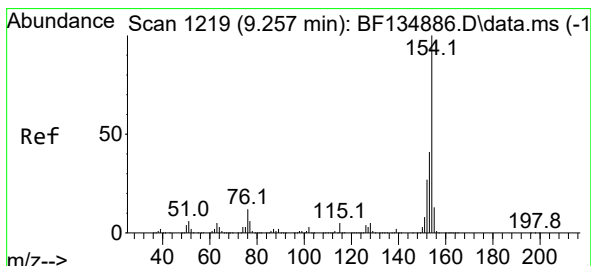
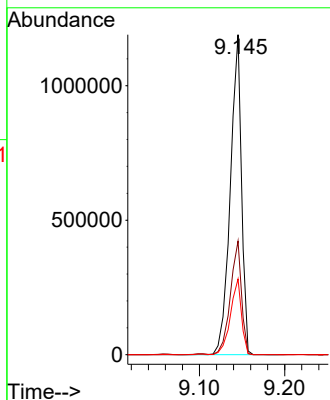
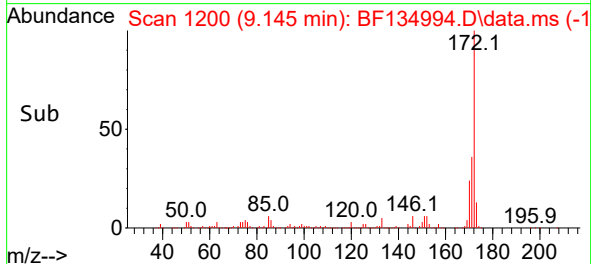
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:172 Resp: 1085534
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.7 19.6 29.4

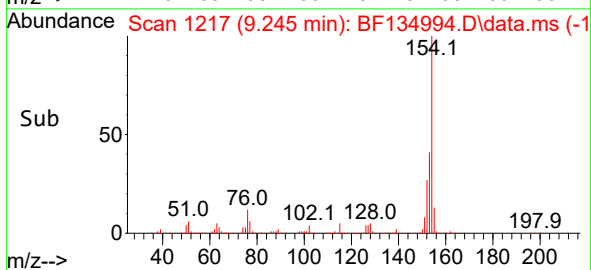
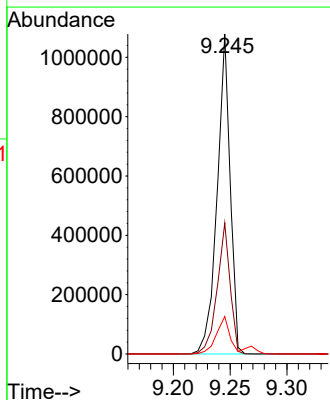
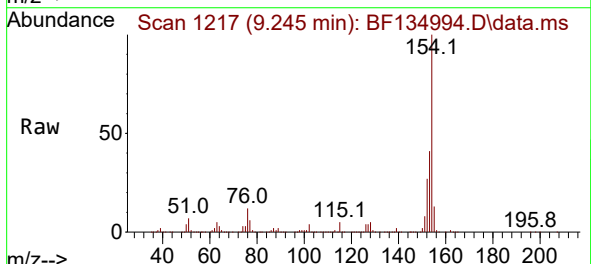
Manual Integrations
APPROVED

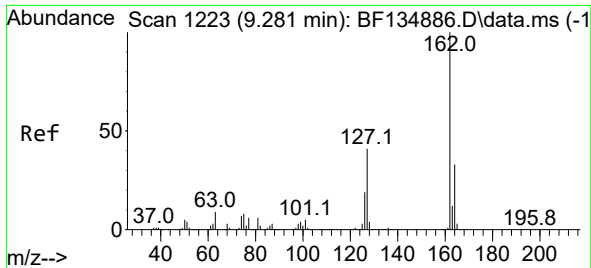
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#46
1,1'-Biphenyl
Concen: 41.377 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

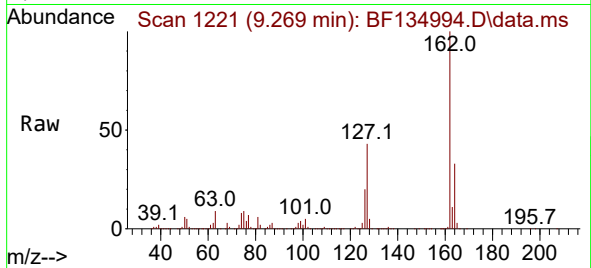
Tgt Ion:154 Resp: 862167
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 11.7 0.0 31.8





#47
2-Chloronaphthalene
Concen: 42.276 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

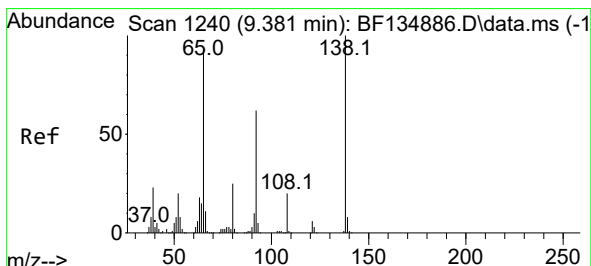
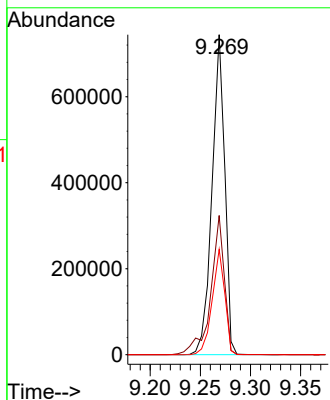
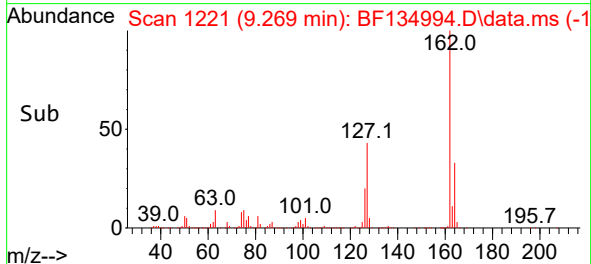
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:162 Resp: 657862
Ion Ratio Lower Upper
162 100
127 43.5 33.4 50.0
164 32.9 26.6 39.8

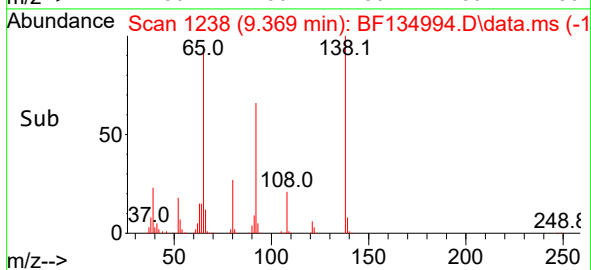
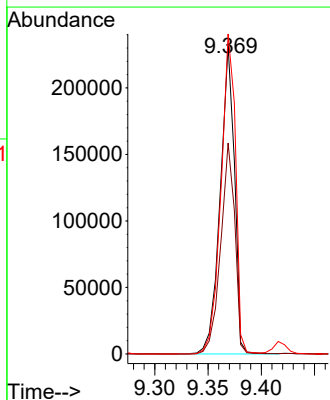
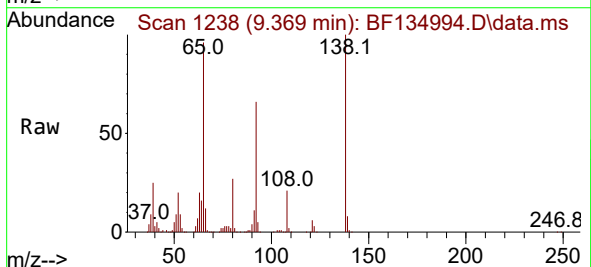
Manual Integrations
APPROVED

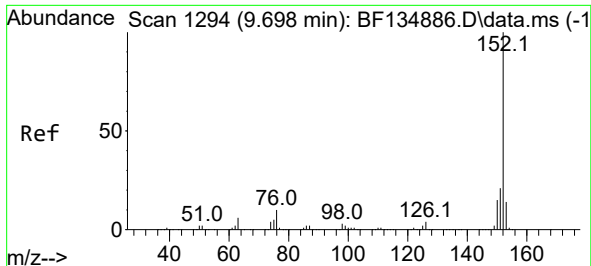
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#48
2-Nitroaniline
Concen: 41.977 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

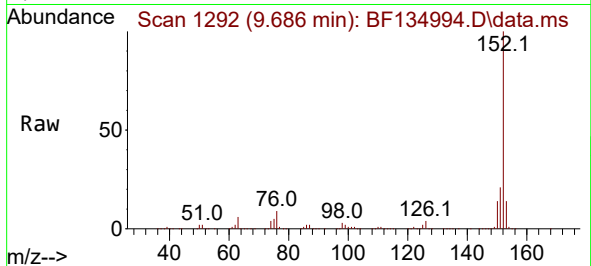
Tgt Ion: 65 Resp: 214728
Ion Ratio Lower Upper
65 100
92 68.5 53.8 80.8
138 103.9 86.5 129.7





#49
Acenaphthylene
Concen: 42.724 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

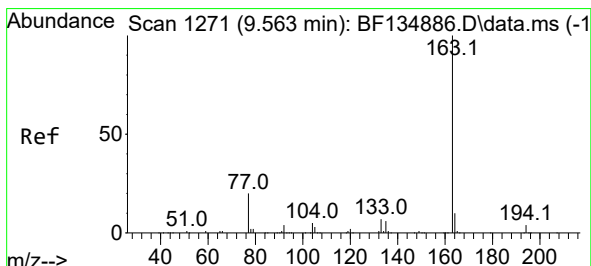
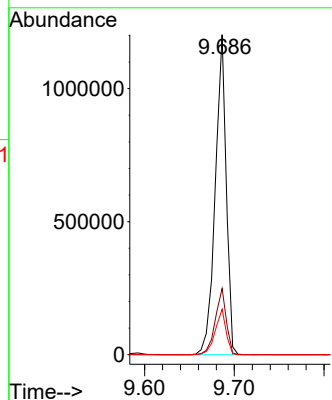
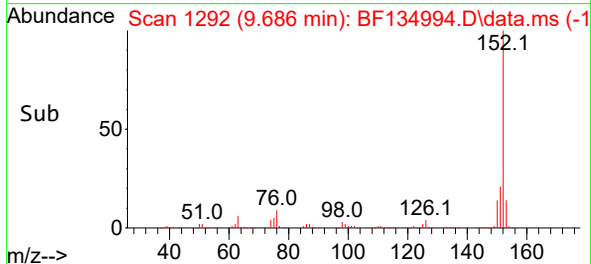
Instrument :
BNA_F
ClientSampleId :
WC-6MS



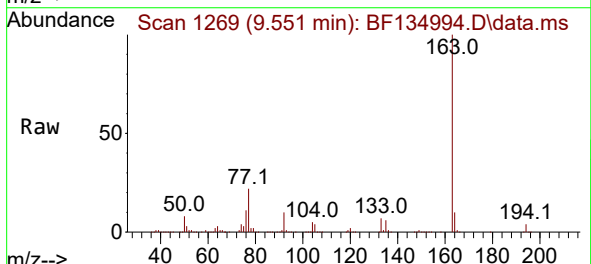
Tgt Ion:152 Resp: 1023840
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 14.2 11.3 16.9

Manual Integrations
APPROVED

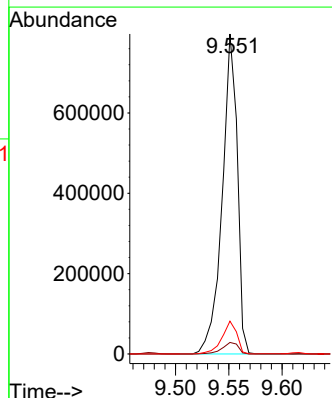
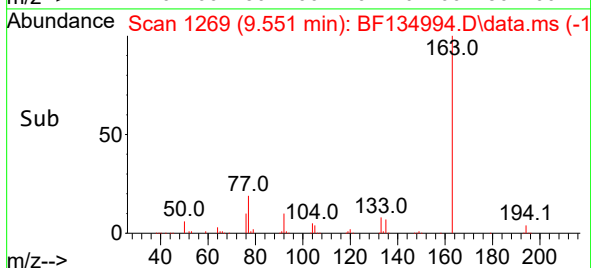
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

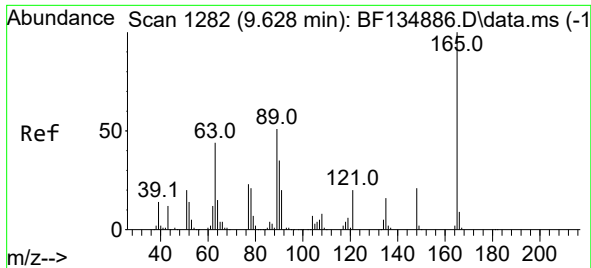


#50
Dimethylphthalate
Concen: 41.553 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



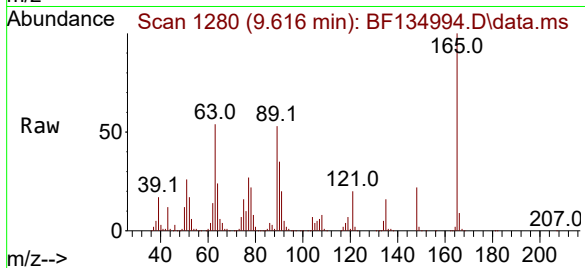
Tgt Ion:163 Resp: 780655
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.803 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

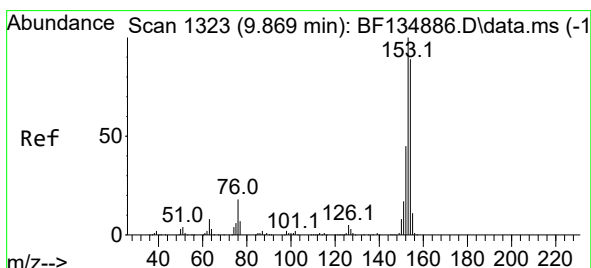
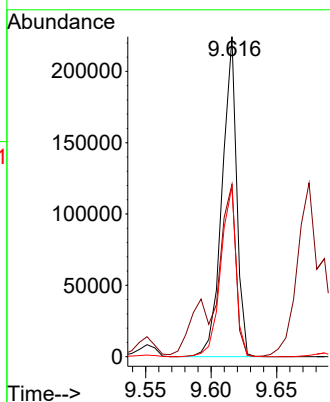
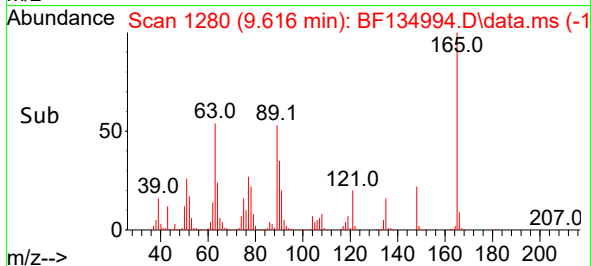
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:165 Resp: 173218
Ion Ratio Lower Upper
165 100
63 53.8 41.4 62.2
89 53.3 40.9 61.3

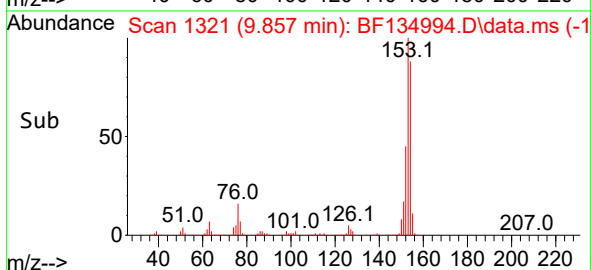
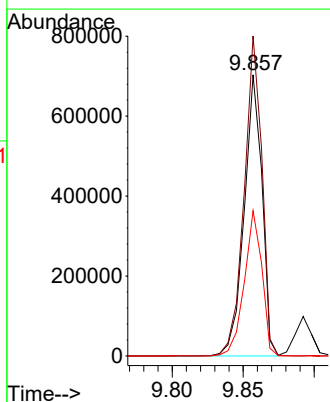
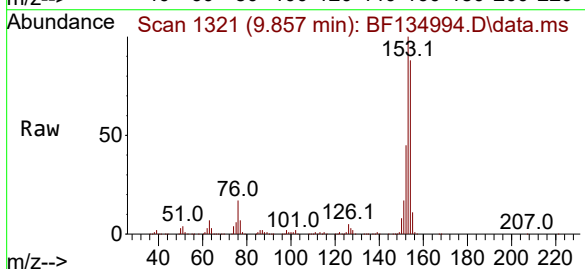
Manual Integrations
APPROVED

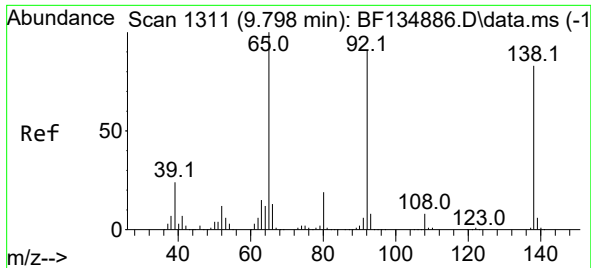
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#52
Acenaphthene
Concen: 40.748 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

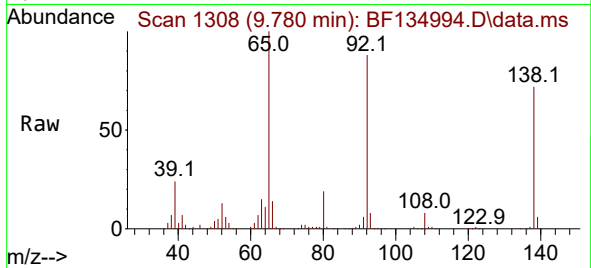
Tgt Ion:154 Resp: 615169
Ion Ratio Lower Upper
154 100
153 113.8 89.6 134.4
152 51.7 40.5 60.7





#53
3-Nitroaniline
Concen: 28.112 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.018 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

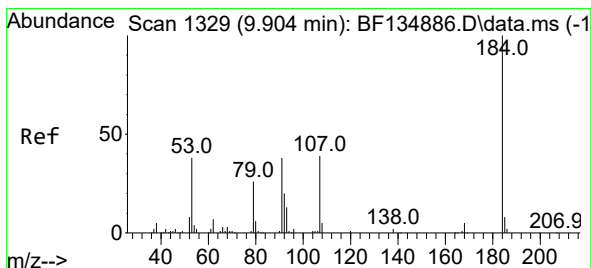
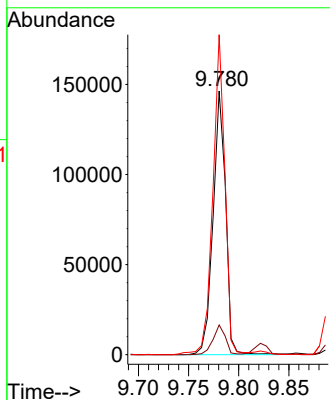
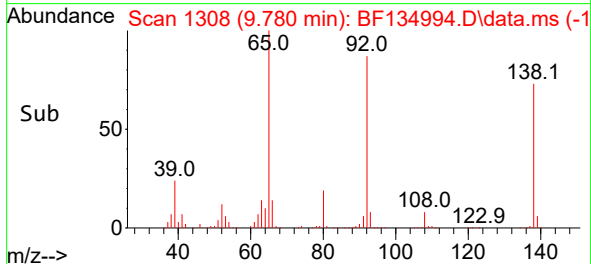
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:138 Resp: 127229
Ion Ratio Lower Upper
138 100
108 11.3 8.0 12.0
92 121.3 87.6 131.4

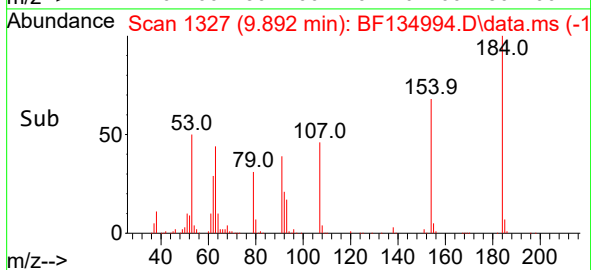
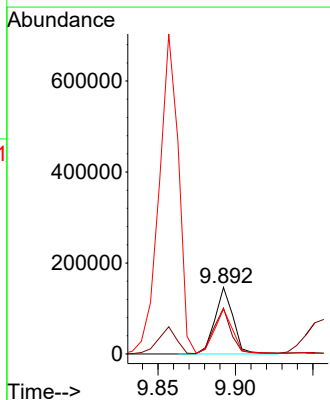
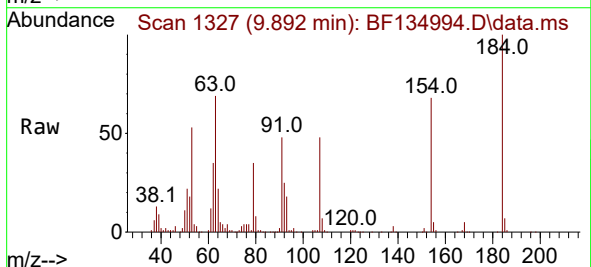
Manual Integrations
APPROVED

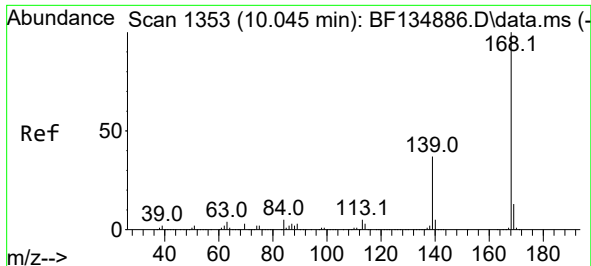
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#54
2,4-Dinitrophenol
Concen: 60.901 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

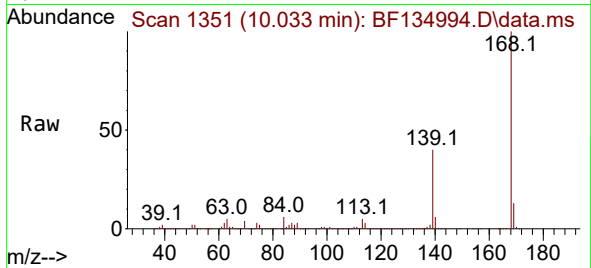
Tgt Ion:184 Resp: 119401
Ion Ratio Lower Upper
184 100
63 69.1 42.8 64.2#
154 67.6 48.0 72.0





#55
Dibenzenofuran
Concen: 41.251 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

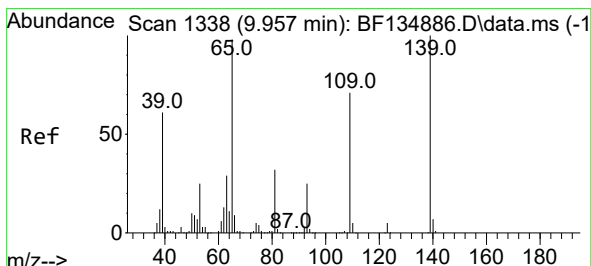
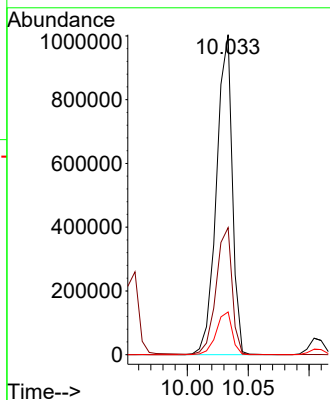
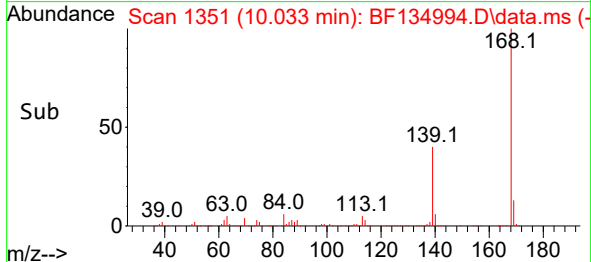
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:168 Resp: 906695
Ion Ratio Lower Upper
168 100
139 39.7 29.5 44.3
169 13.4 10.7 16.1

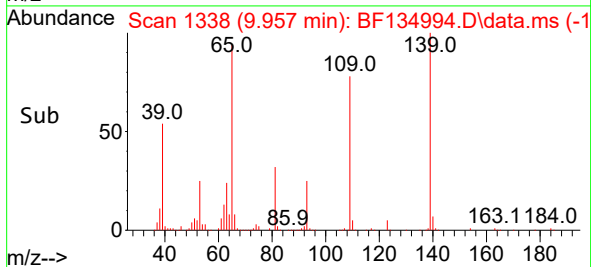
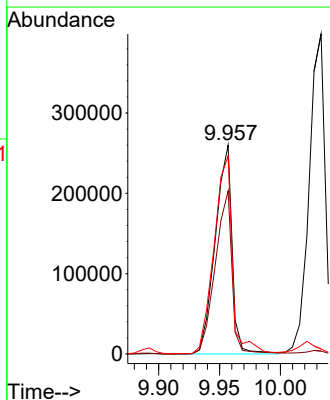
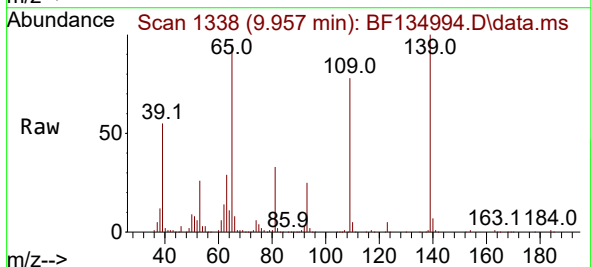
Manual Integrations
APPROVED

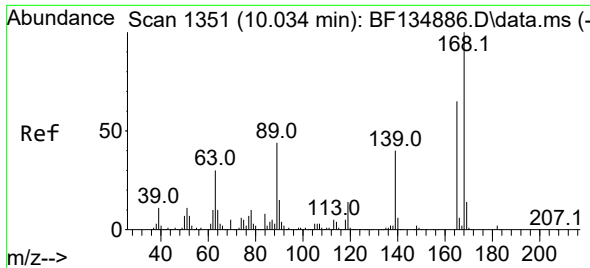
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#56
4-Nitrophenol
Concen: 79.322 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

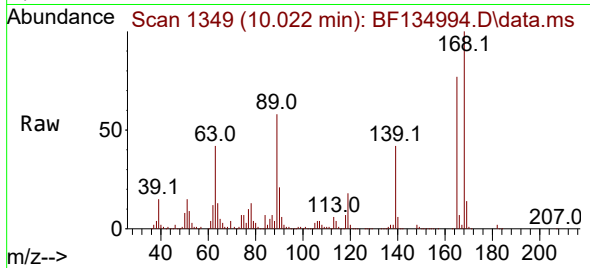
Tgt Ion:139 Resp: 250180
Ion Ratio Lower Upper
139 100
109 78.2 51.0 91.0
65 94.9 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 42.880 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

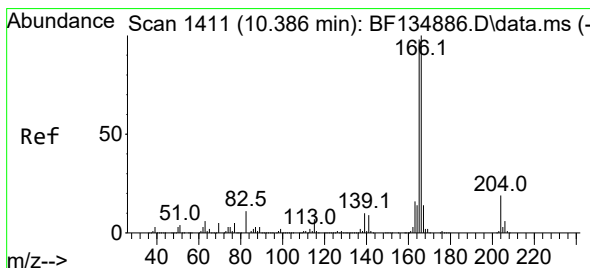
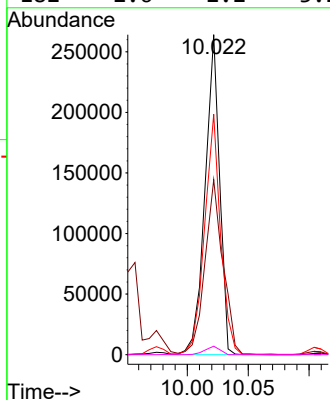
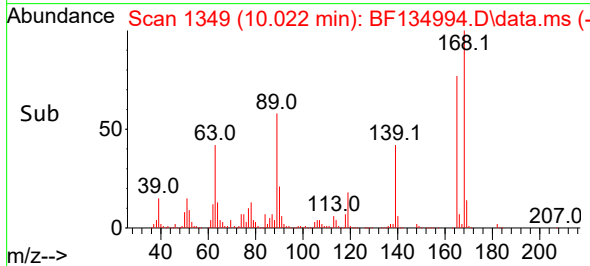
Instrument :
BNA_F
ClientSampleId :
WC-6MS



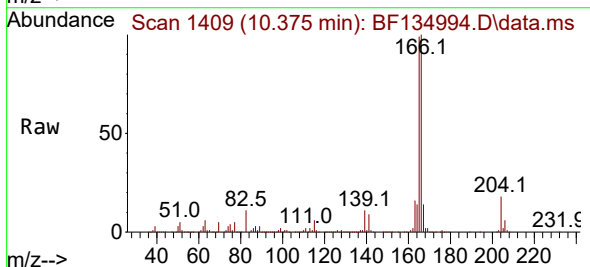
Tgt Ion:165 Resp: 21973
Ion Ratio Lower Upper
165 100
63 54.7 37.7 56.5
89 75.2 54.2 81.4
182 2.6 2.2 3.2

Manual Integrations
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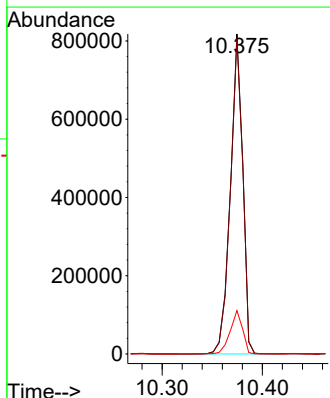
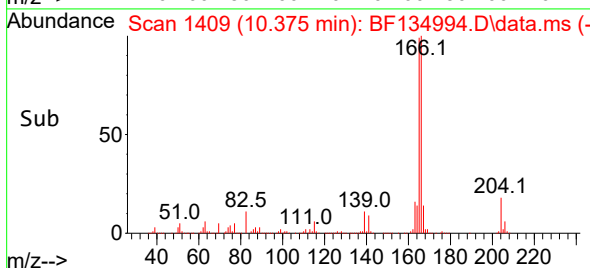
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

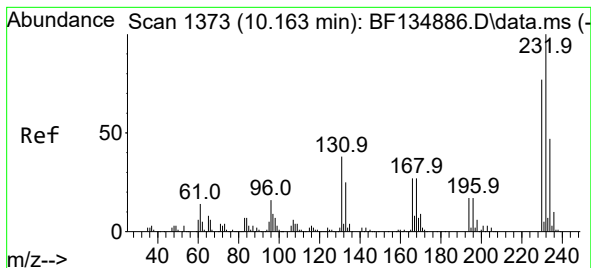


#58
Fluorene
Concen: 41.892 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



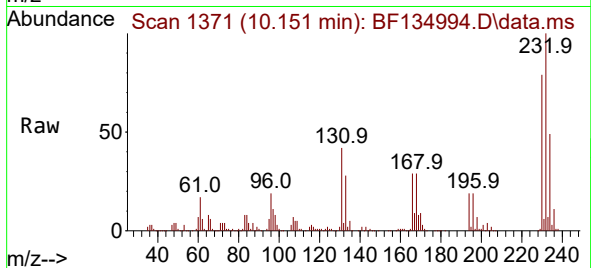
Tgt Ion:166 Resp: 698384
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.868 ng m
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

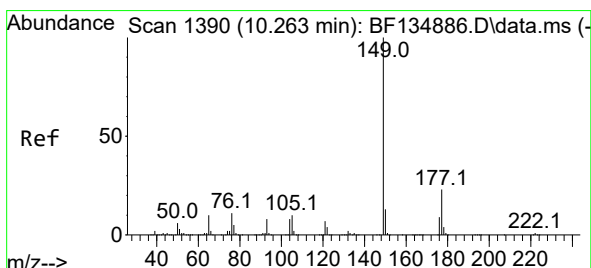
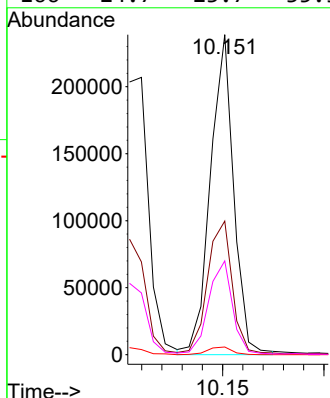
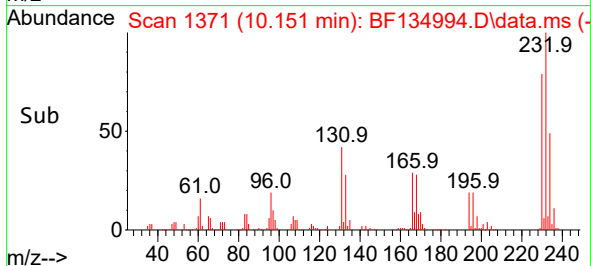
Instrument :
BNA_F
ClientSampleId :
WC-6MS



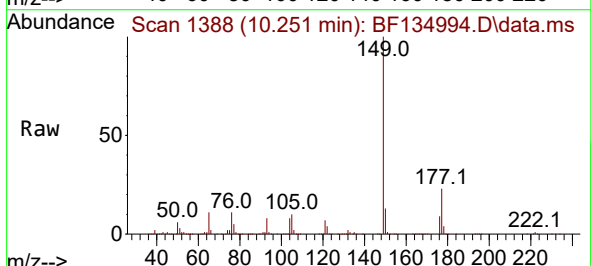
Tgt Ion:232 Resp: 191014
Ion Ratio Lower Upper
232 100
131 39.4 33.9 50.9
130 2.3 1.6 2.4
166 24.7 23.7 35.5

Manual Integrations
APPROVED

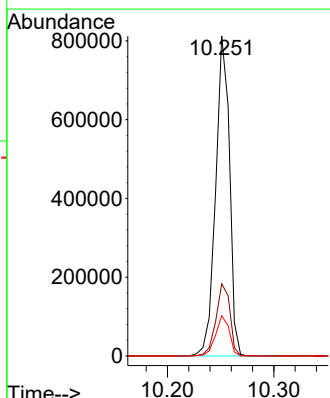
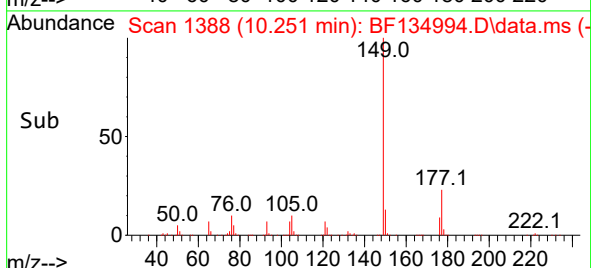
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

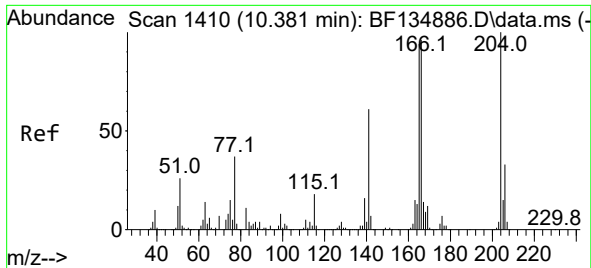


#60
Diethylphthalate
Concen: 42.544 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



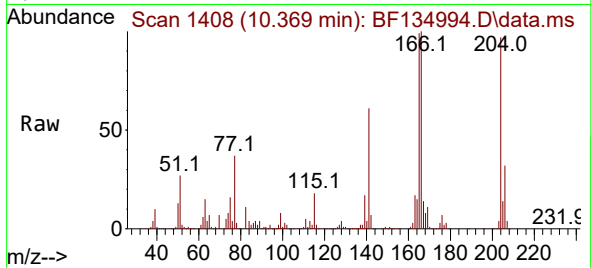
Tgt Ion:149 Resp: 732293
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.401 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

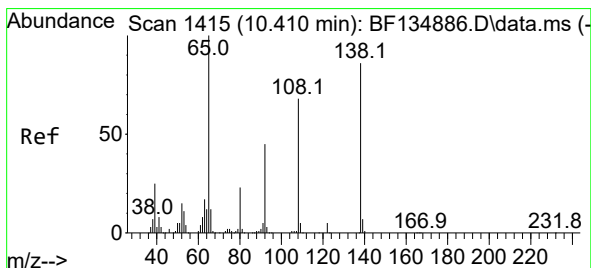
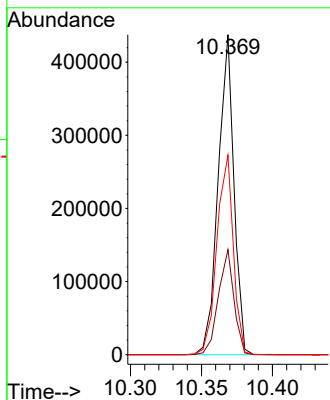
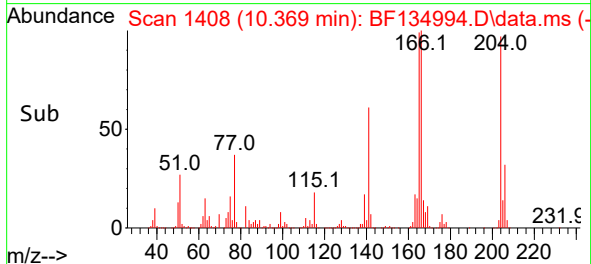
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:204 Resp: 337632
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 62.3 48.6 73.0

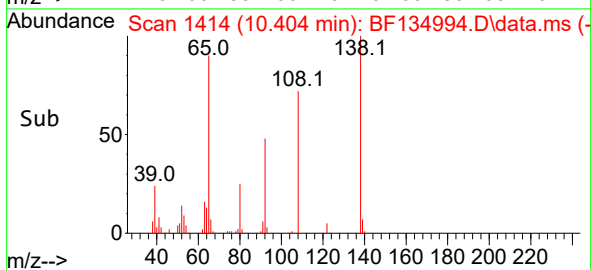
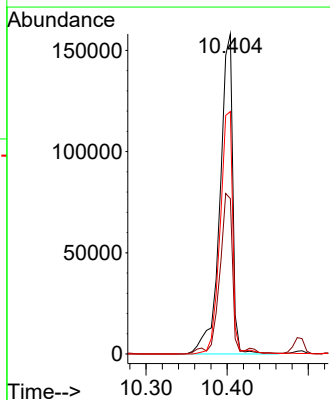
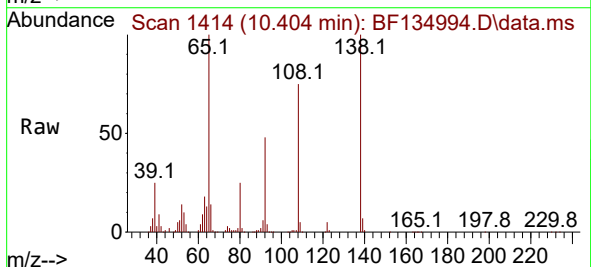
Manual Integrations
APPROVED

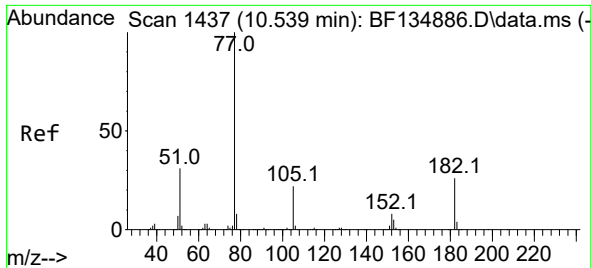
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#62
4-Nitroaniline
Concen: 41.186 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

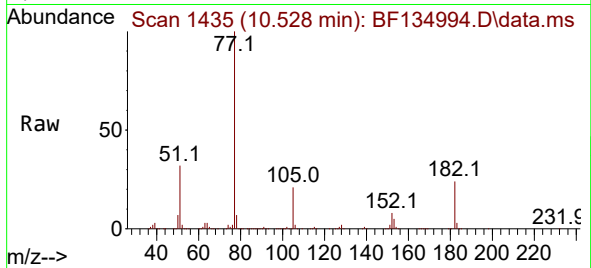
Tgt Ion:138 Resp: 174252
Ion Ratio Lower Upper
138 100
92 48.6 32.5 72.5
108 75.8 58.6 98.6





#63
Azobenzene
Concen: 41.004 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.011 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

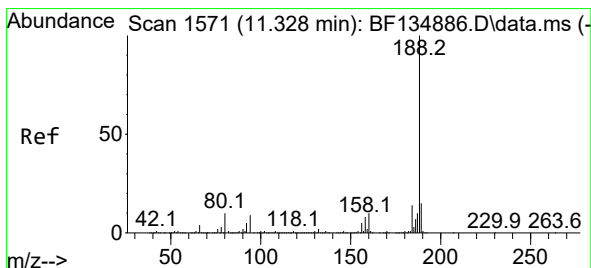
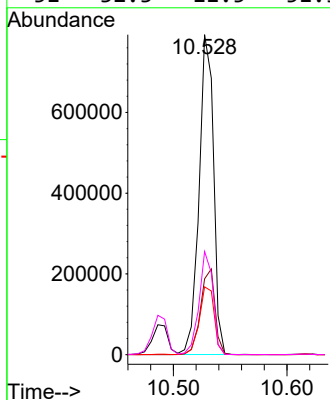
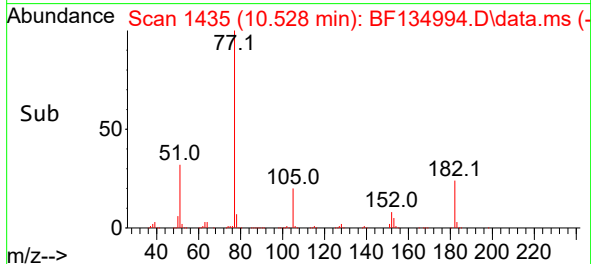
Instrument :
BNA_F
ClientSampleId :
WC-6MS



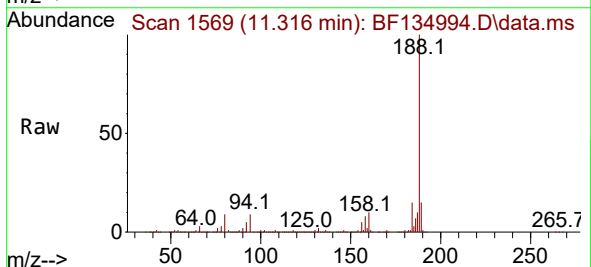
Tgt Ion: 77 Resp: 70114
Ion Ratio Lower Upper
77 100
182 23.7 5.8 45.8
105 21.2 1.6 41.6
51 32.3 11.5 51.5

Manual Integrations
APPROVED

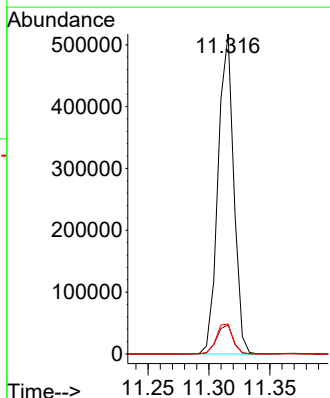
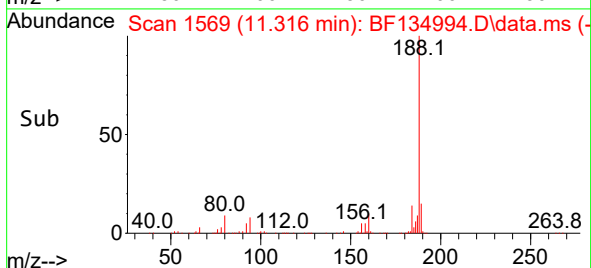
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

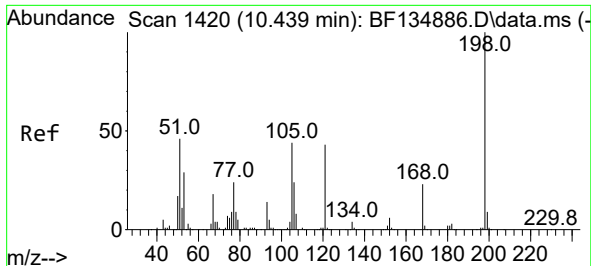


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



Tgt Ion:188 Resp: 463997
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.4 7.8 11.6





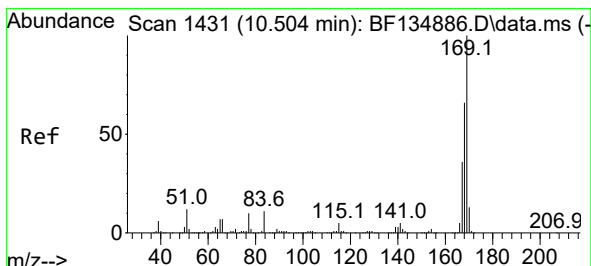
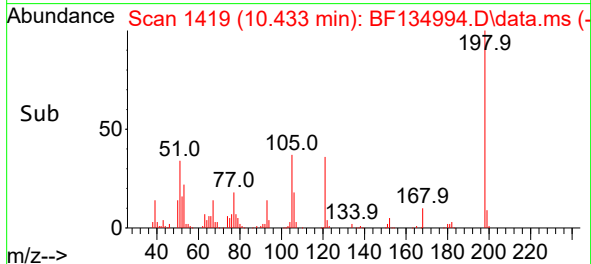
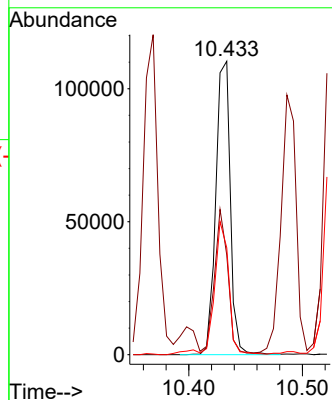
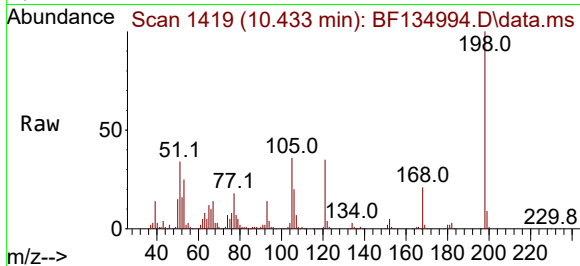
#65
4,6-Dinitro-2-methylphenol
Concen: 35.951 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion:198 Resp: 98429
Ion Ratio Lower Upper
198 100
51 34.0 30.3 70.3
105 36.4 24.5 64.5

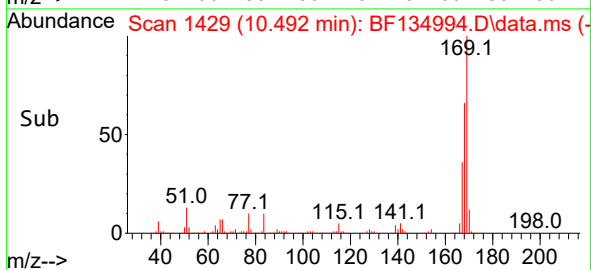
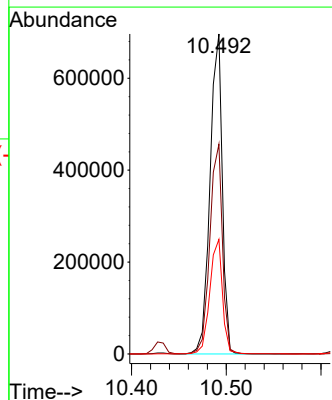
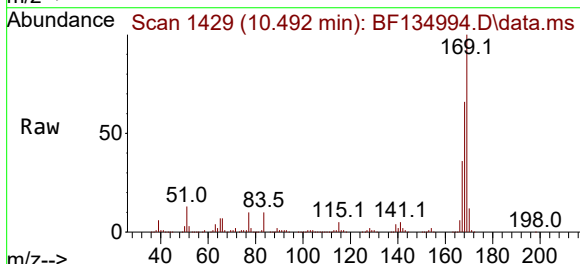
Manual Integrations
APPROVED

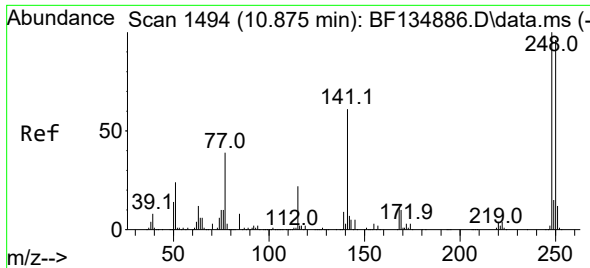
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#66
n-Nitrosodiphenylamine
Concen: 41.907 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

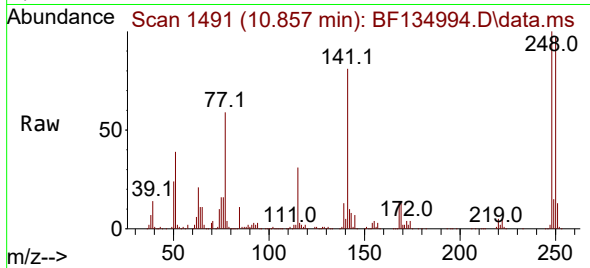
Tgt Ion:169 Resp: 626174
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.6
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.709 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

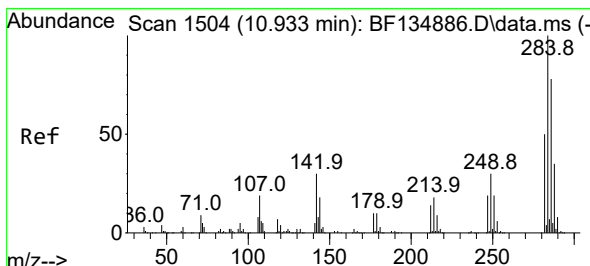
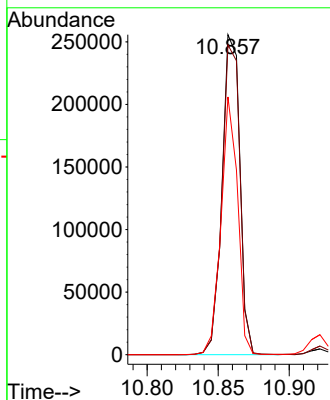
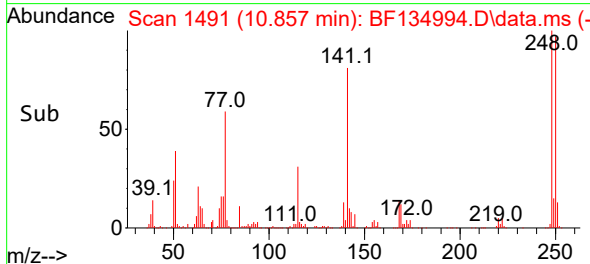
Instrument :
BNA_F
ClientSampleId :
WC-6MS



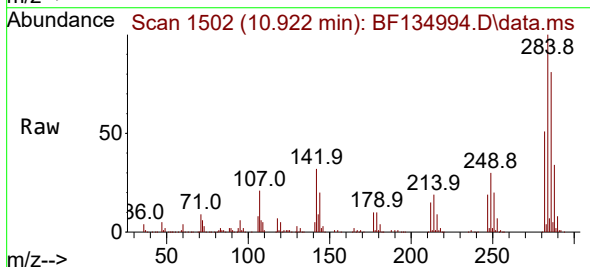
Tgt Ion:248 Resp: 223274
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 80.6 49.0 73.4

Manual Integrations
APPROVED

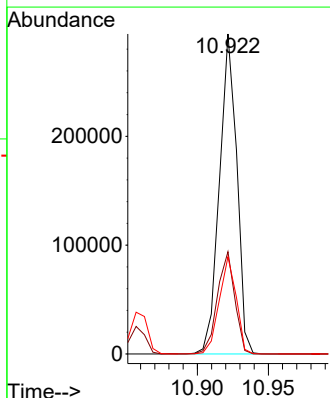
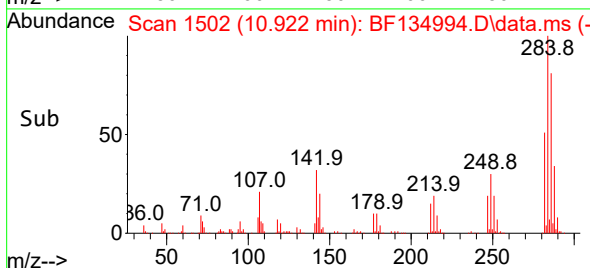
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

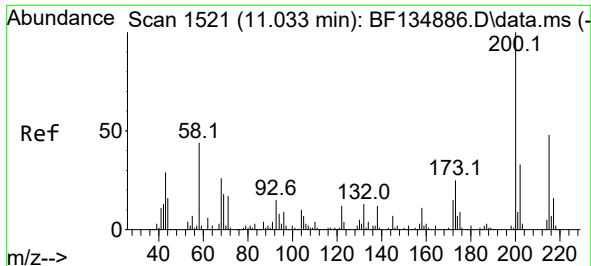


#68
Hexachlorobenzene
Concen: 43.805 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.011 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



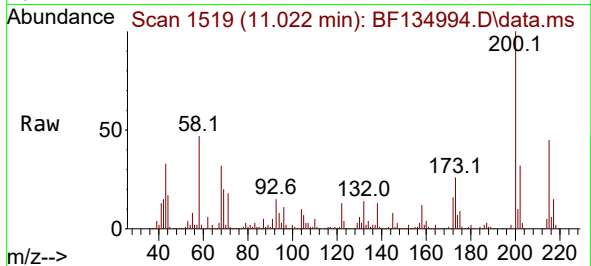
Tgt Ion:284 Resp: 249395
Ion Ratio Lower Upper
284 100
142 32.0 23.9 35.9
249 30.3 24.1 36.1





#69
 Atrazine
 Concen: 51.302 ng
 RT: 11.022 min Scan# 1519
 Delta R.T. -0.011 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48

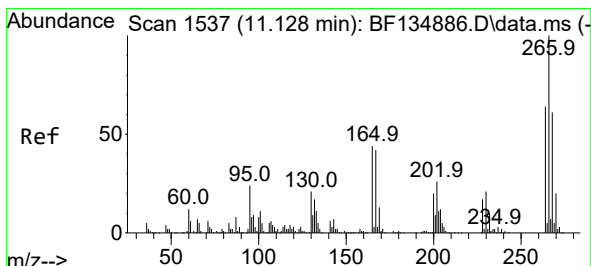
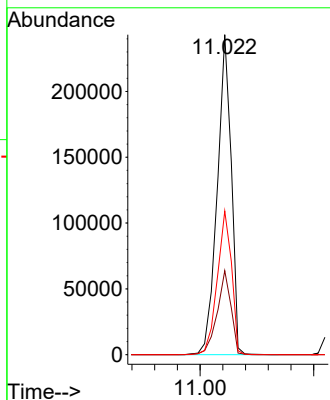
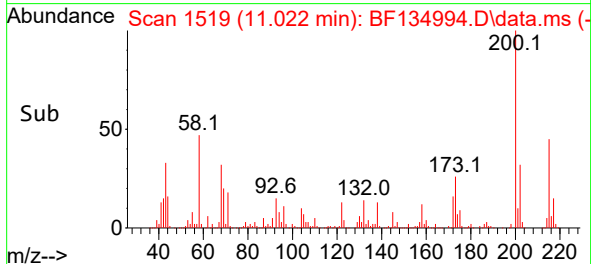
Instrument :
 BNA_F
 ClientSampleId :
 WC-6MS



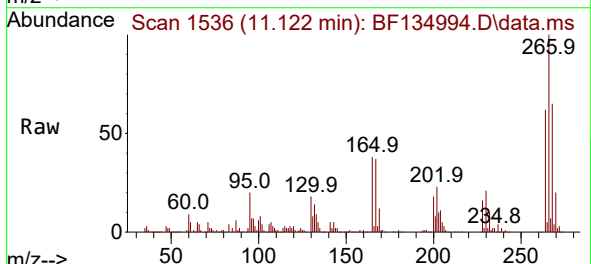
Tgt Ion:200 Resp: 20815
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.3 45.3
 215 44.9 28.3 68.3

Manual Integrations
 APPROVED

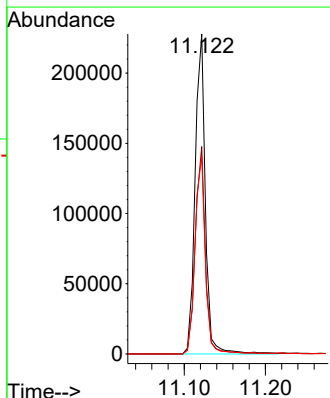
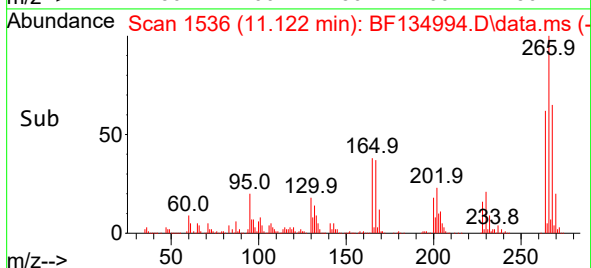
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

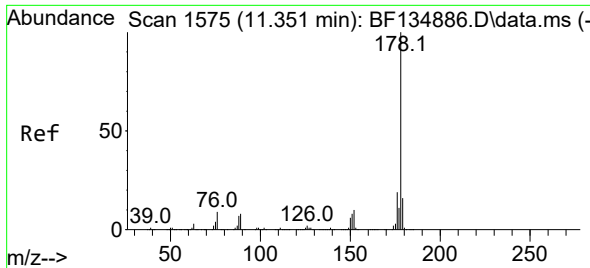


#70
 Pentachlorophenol
 Concen: 58.694 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48



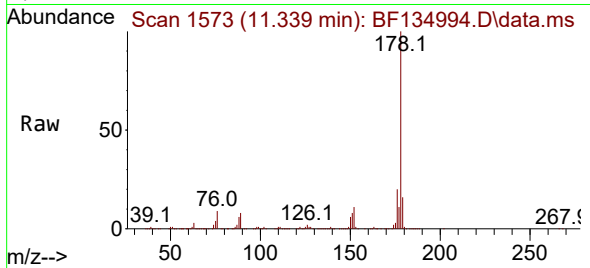
Tgt Ion:266 Resp: 201101
 Ion Ratio Lower Upper
 266 100
 268 64.8 48.9 73.3
 264 62.0 51.0 76.6





#71
Phenanthrene
Concen: 43.159 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

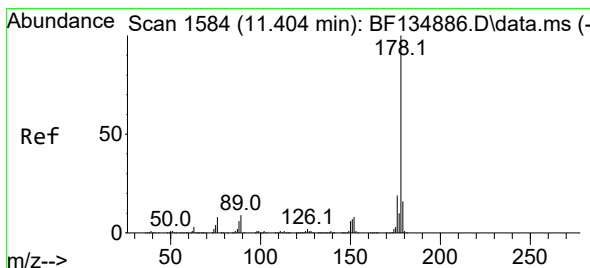
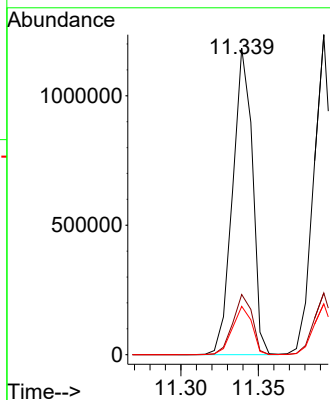
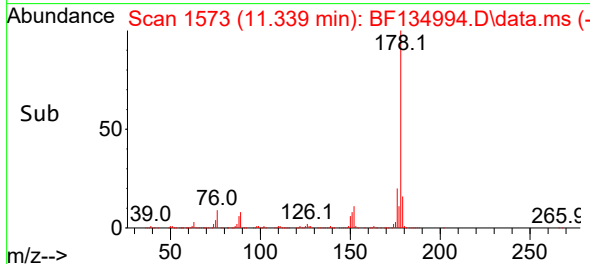
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:178 Resp: 1049380
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.6 19.0

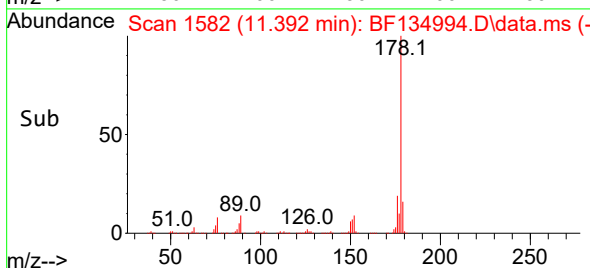
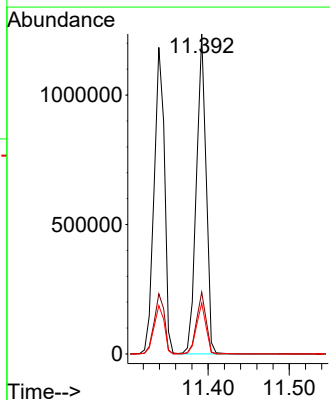
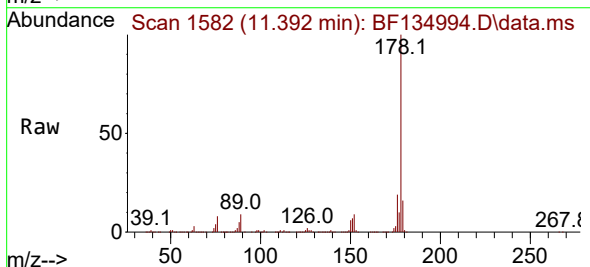
Manual Integrations
APPROVED

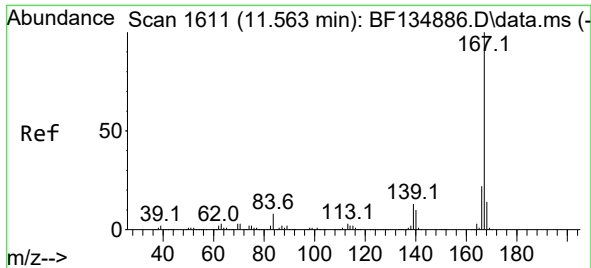
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#72
Anthracene
Concen: 41.410 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

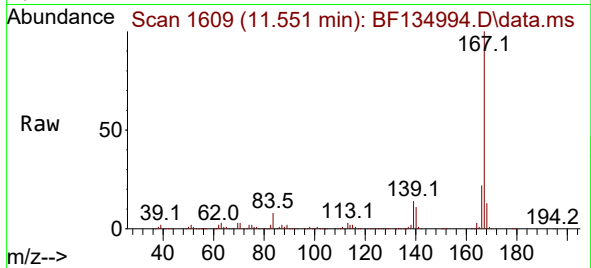
Tgt Ion:178 Resp: 1031618
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 41.598 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.012 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48

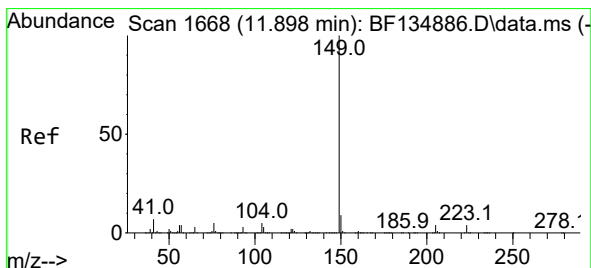
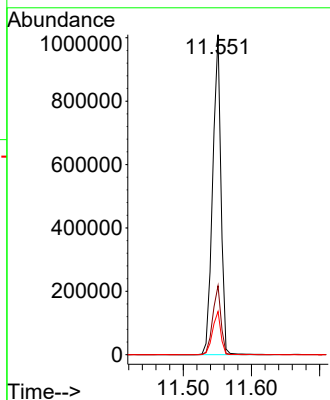
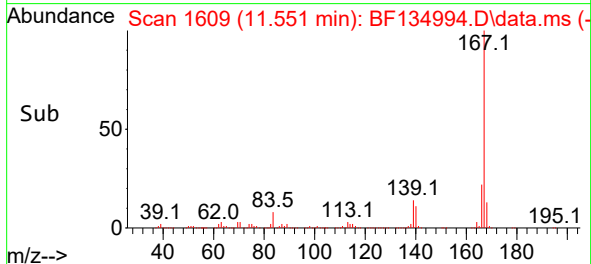
Instrument :
 BNA_F
 ClientSampleId :
 WC-6MS



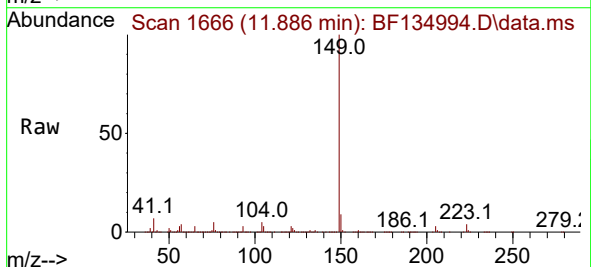
Tgt Ion:167 Resp: 853940
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.5 10.4 15.6

Manual Integrations
 APPROVED

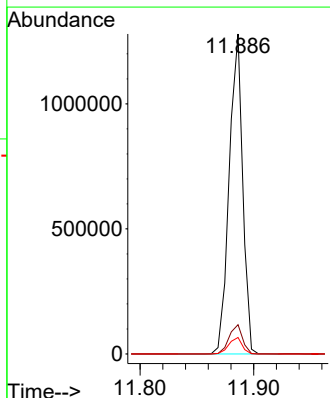
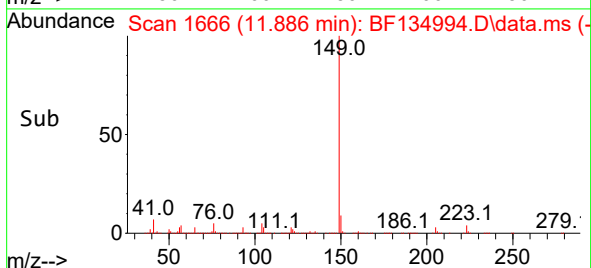
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

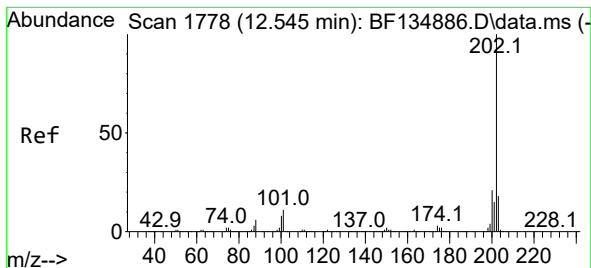


#74
 Di-n-butylphthalate
 Concen: 44.823 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48



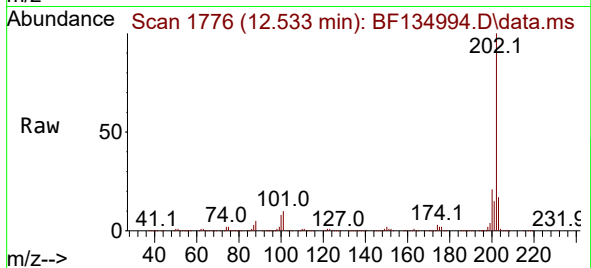
Tgt Ion:149 Resp: 1055300
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 42.218 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

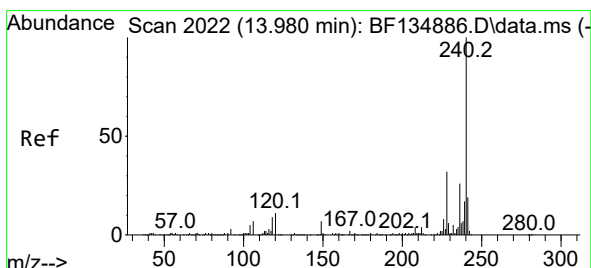
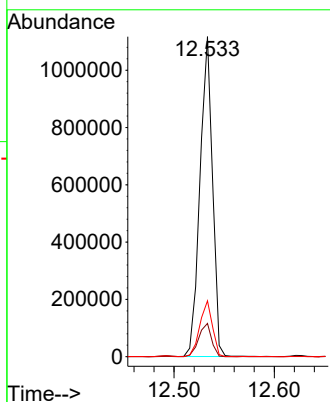
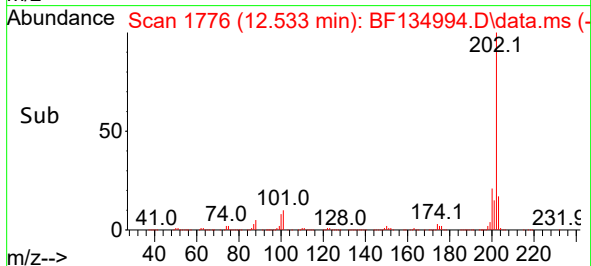
Instrument :
BNA_F
ClientSampleId :
WC-6MS



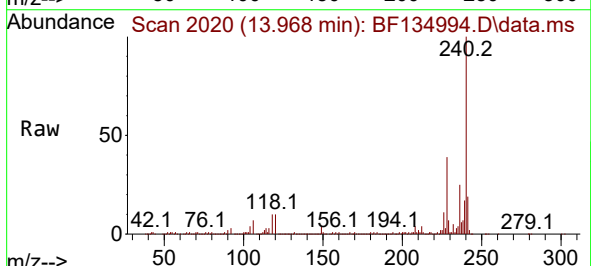
Tgt Ion:202 Resp: 97261
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.4 0.0 37.8

Manual Integrations
APPROVED

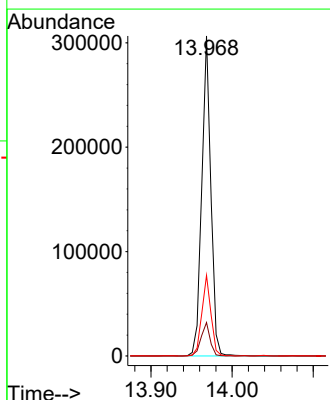
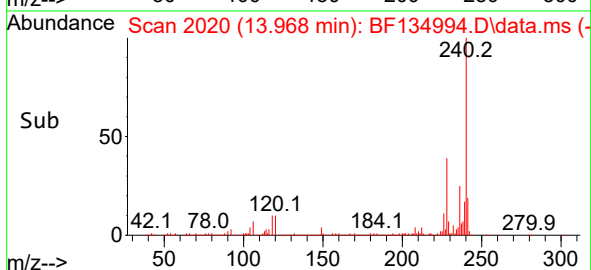
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

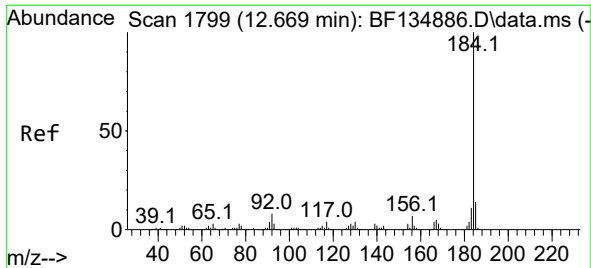


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



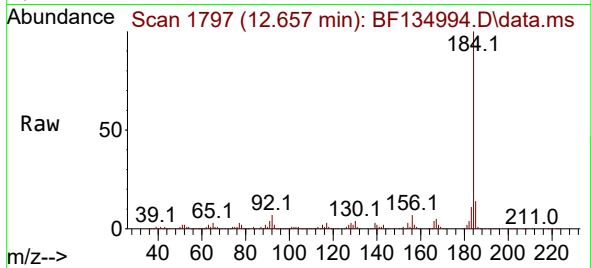
Tgt Ion:240 Resp: 237770
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.2 20.6 31.0





#77
Benzidine
Concen: 66.470 ng
RT: 12.657 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

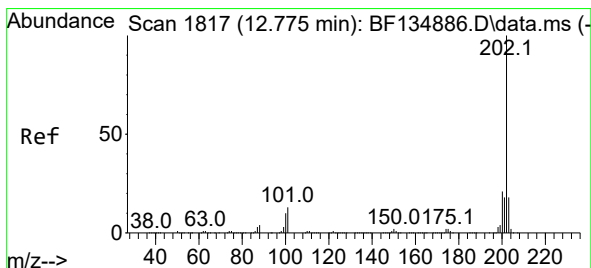
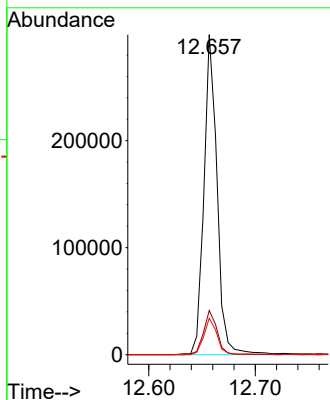
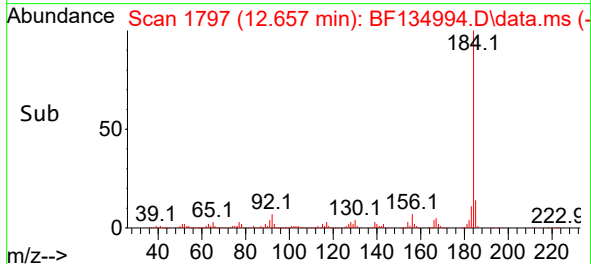
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:184 Resp: 256420
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.4 9.0 13.4

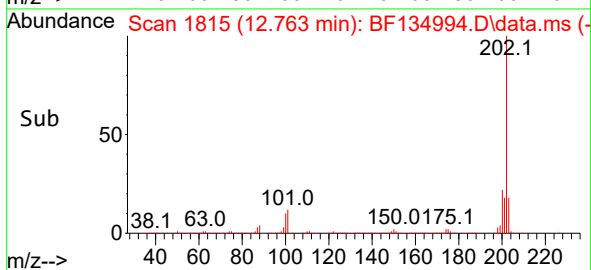
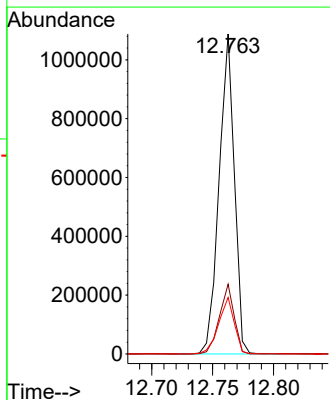
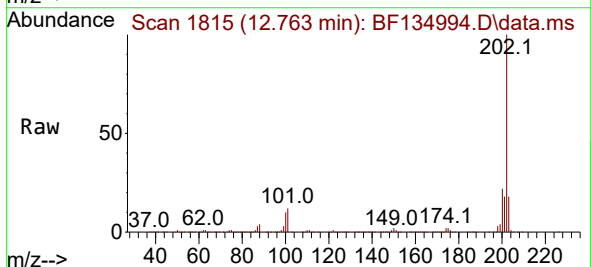
Manual Integrations
APPROVED

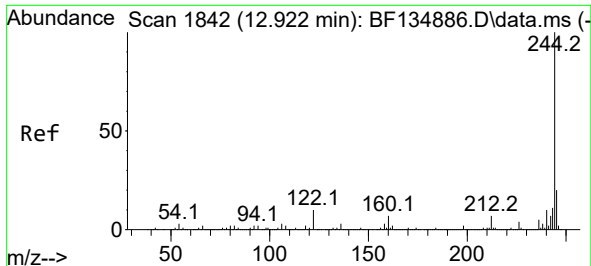
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#78
Pyrene
Concen: 37.656 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion:202 Resp: 949297
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.7 14.2 21.2





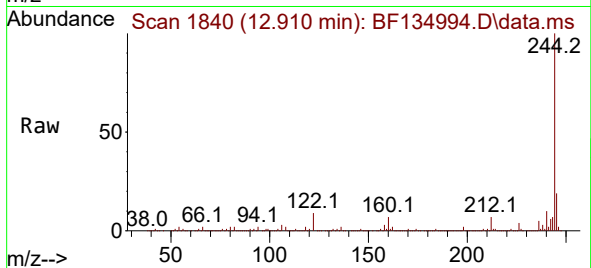
#79
 Terphenyl-d14
 Concen: 58.475 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS

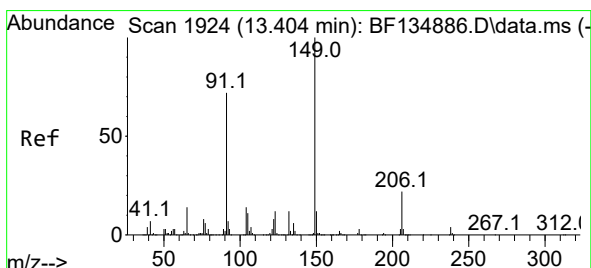
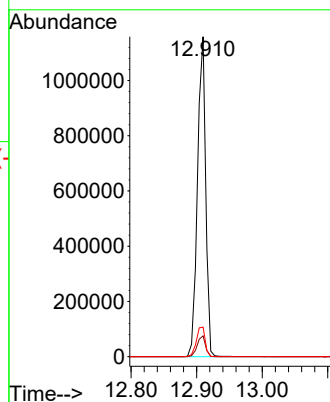
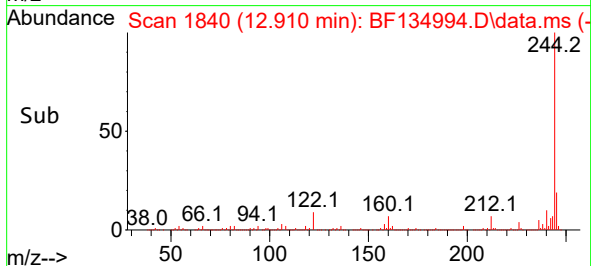


Tgt Ion:244 Resp: 1010869
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.2 8.2 12.4

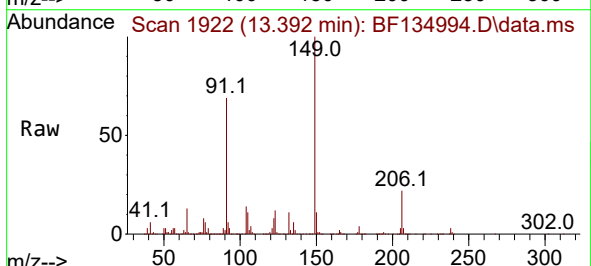
Manual Integrations

APPROVED

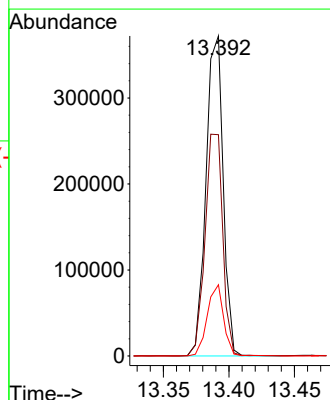
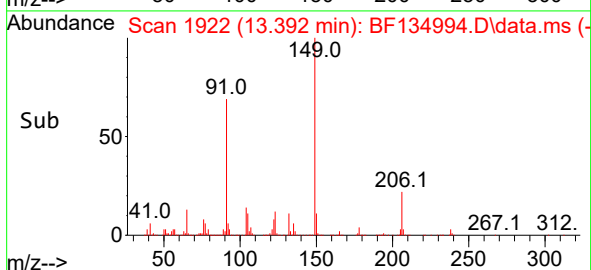
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

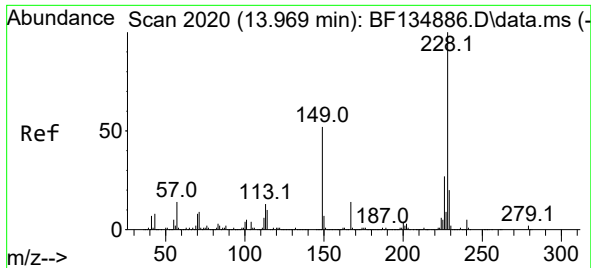


#80
 Butylbenzylphthalate
 Concen: 44.343 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF134994.D
 Acq: 29 Aug 2023 20:48



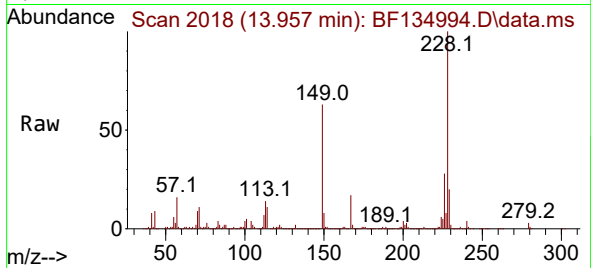
Tgt Ion:149 Resp: 340585
 Ion Ratio Lower Upper
 149 100
 91 69.1 57.2 85.8
 206 22.2 18.0 27.0





#81
Benzo(a)anthracene
Concen: 43.086 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

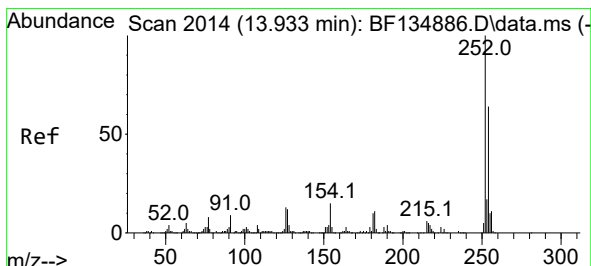
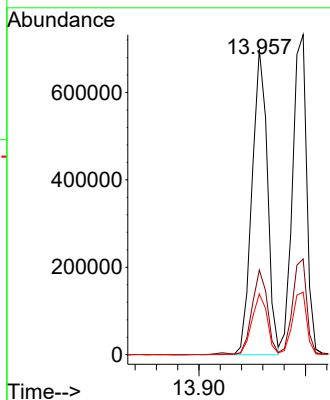
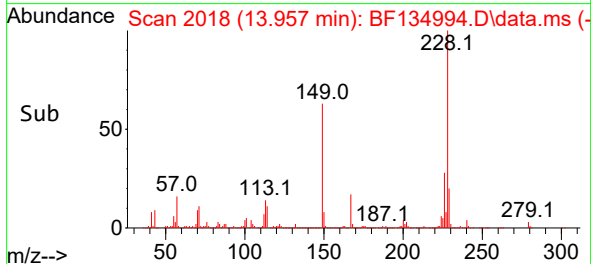
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:228 Resp: 698959
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.6
229 19.9 15.6 23.4

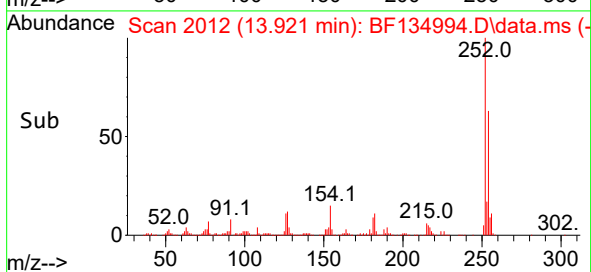
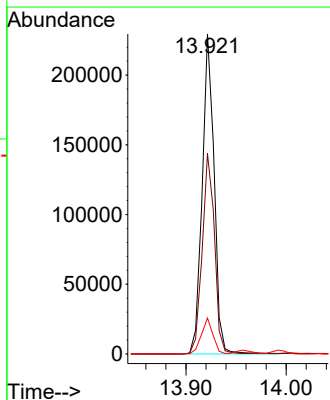
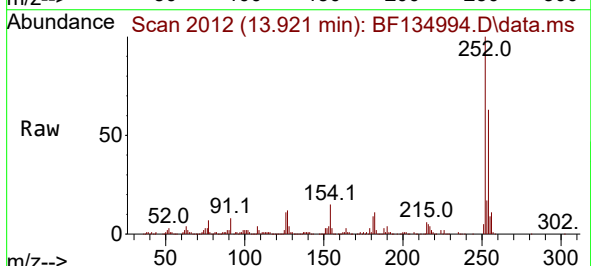
Manual Integrations
APPROVED

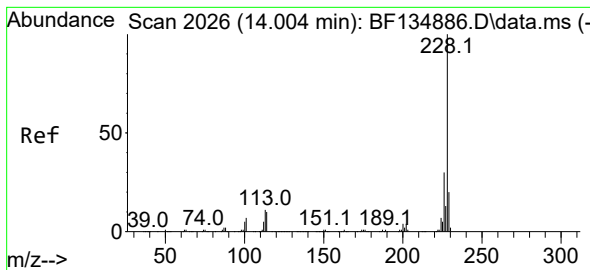
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.204 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Tgt Ion:252 Resp: 191022
Ion Ratio Lower Upper
252 100
254 62.6 51.6 77.4
126 11.3 10.3 15.5





#83

Chrysene

Concen: 42.239 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:228 Resp: 676085

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

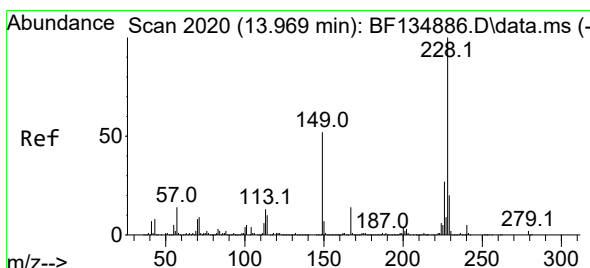
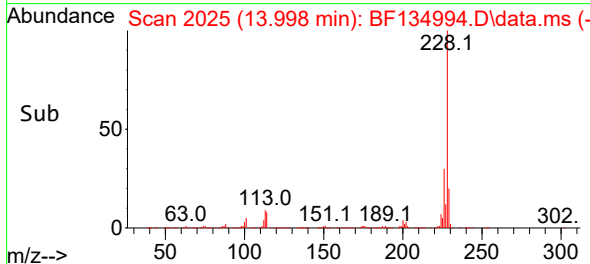
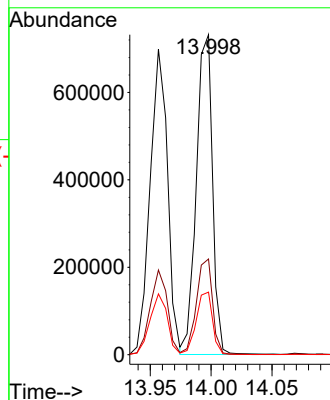
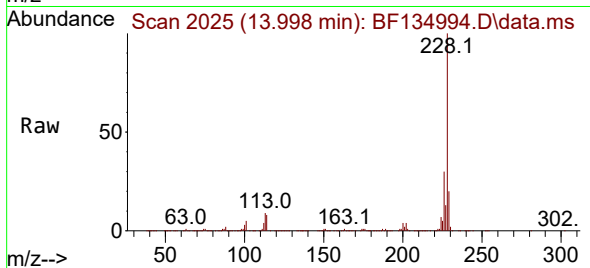
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.935 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

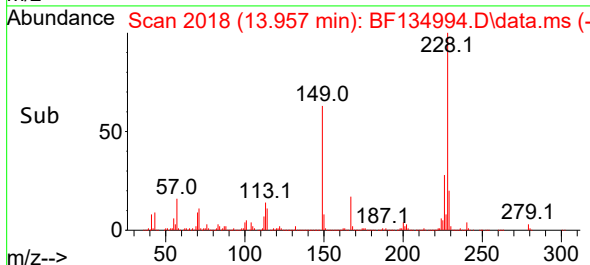
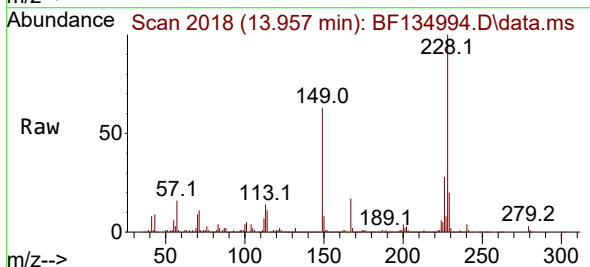
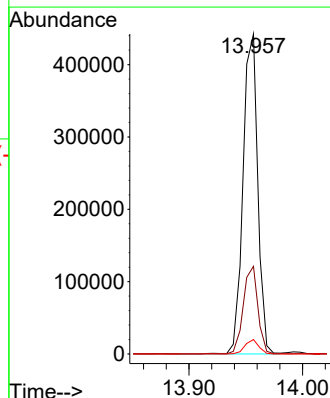
Tgt Ion:149 Resp: 398823

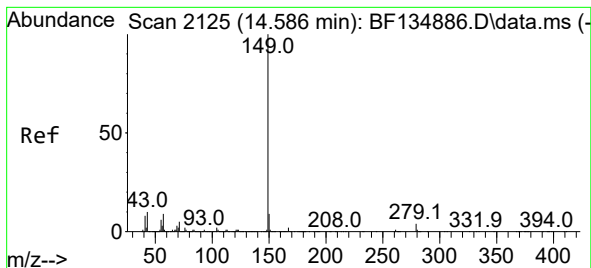
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.814 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:149 Resp: 66226

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

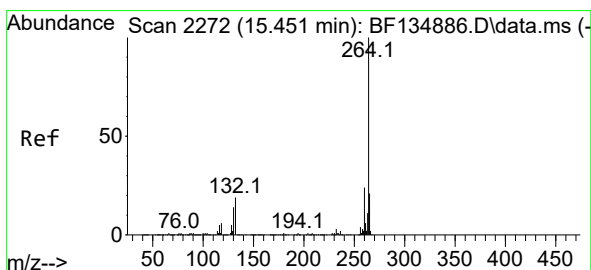
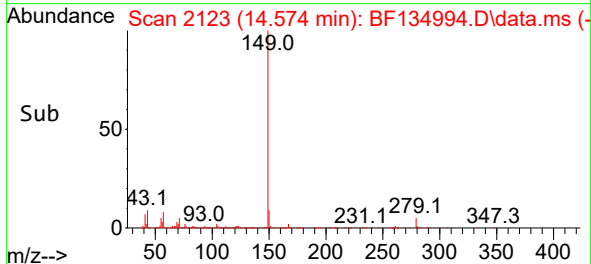
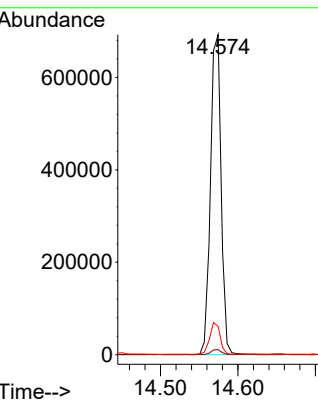
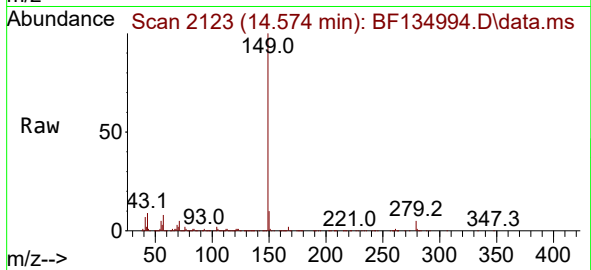
43 9.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

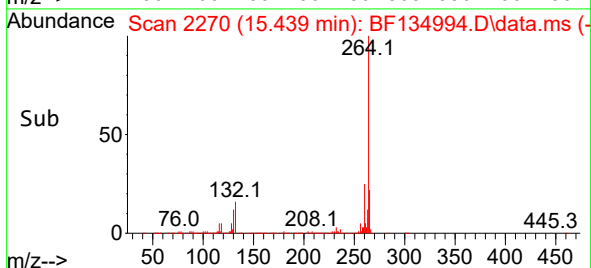
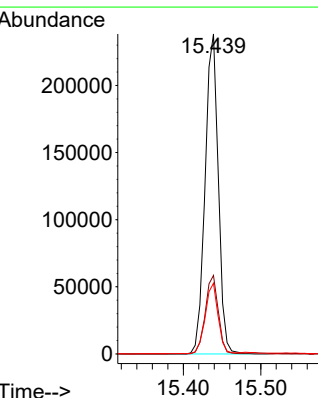
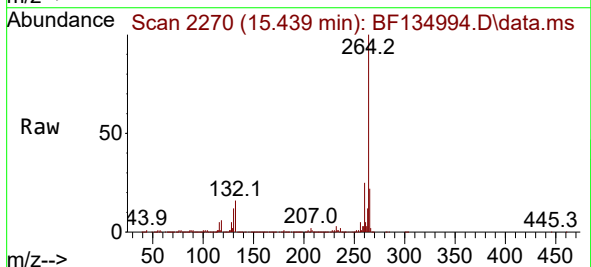
Tgt Ion:264 Resp: 283502

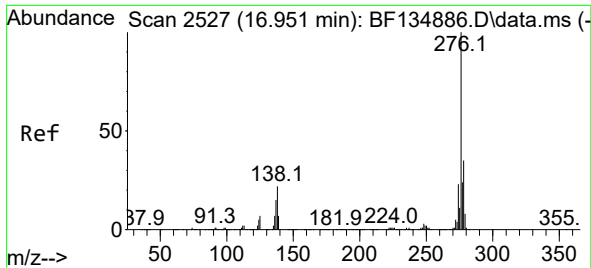
Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 22.1 17.1 25.7





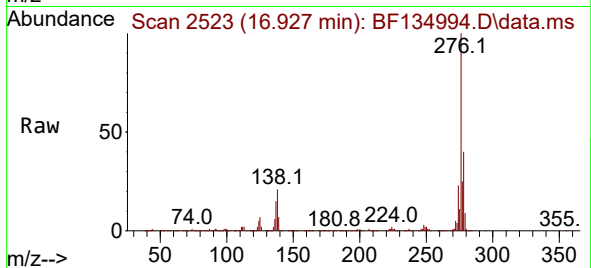
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.296 ng
RT: 16.927 min Scan# 2197
Delta R.T. -0.024 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

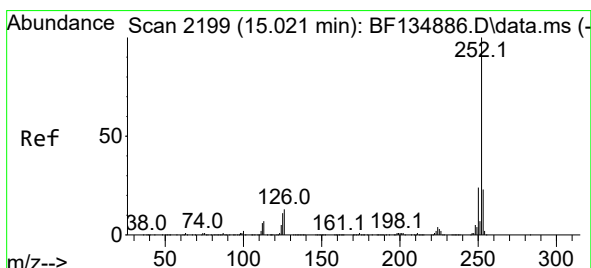
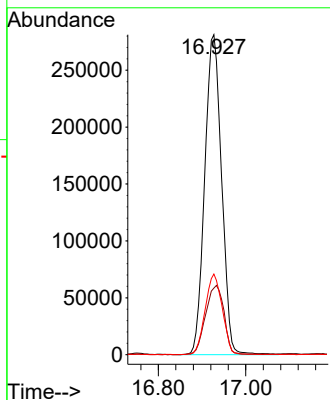
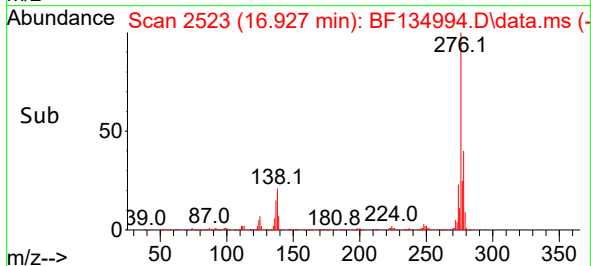
WC-6MS



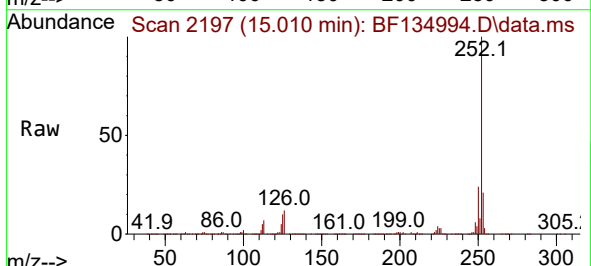
Tgt Ion:276 Resp: 75578
Ion Ratio Lower Upper
276 100
138 23.7 19.7 29.5
277 25.6 20.1 30.1

Manual Integrations
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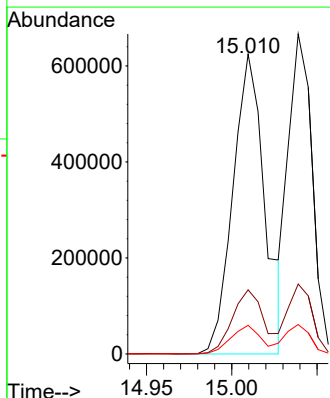
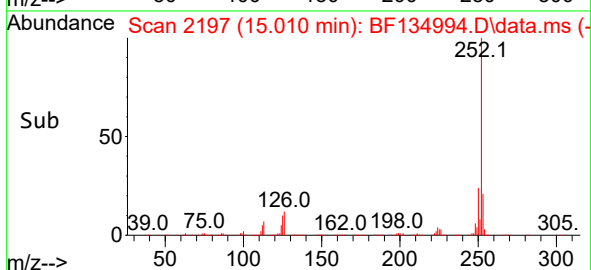
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

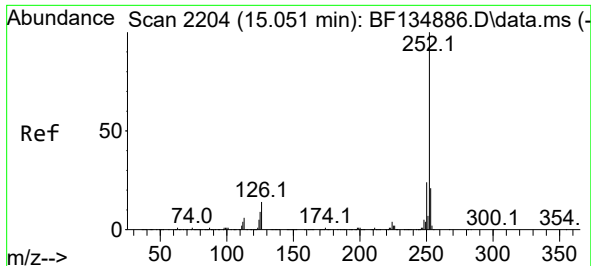


#88
Benzo(b)fluoranthene
Concen: 50.786 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



Tgt Ion:252 Resp: 812317
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 9.6 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 41.242 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:252 Resp: 647770

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

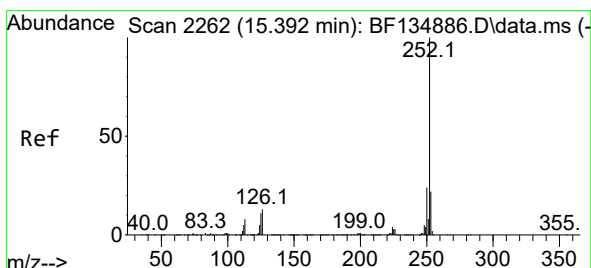
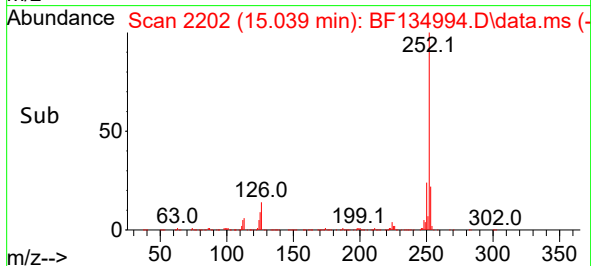
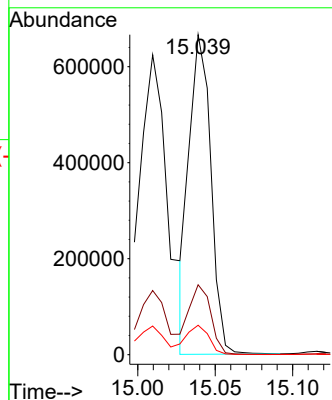
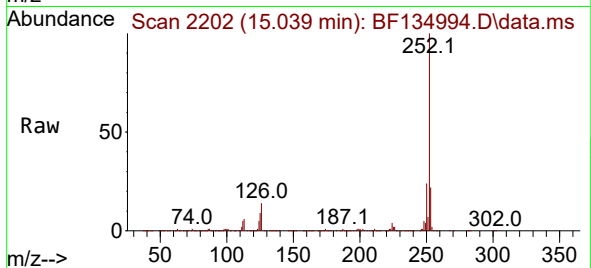
125 9.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#90

Benzo(a)pyrene

Concen: 41.871 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF134994.D

Acq: 29 Aug 2023 20:48

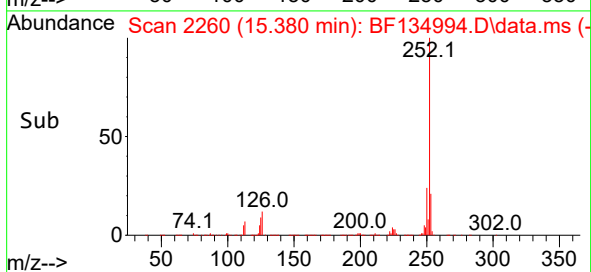
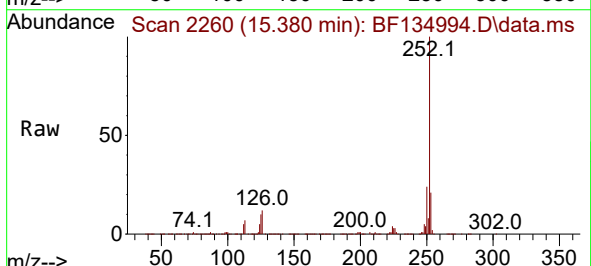
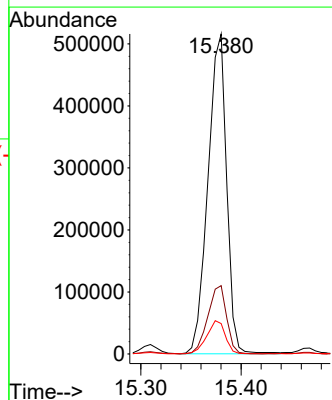
Tgt Ion:252 Resp: 668578

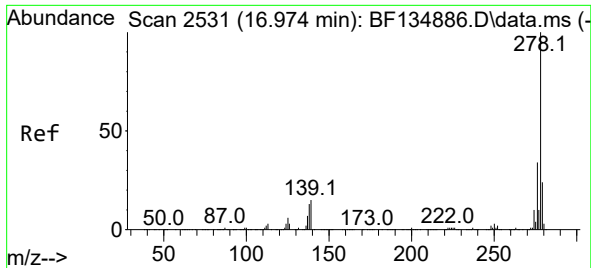
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

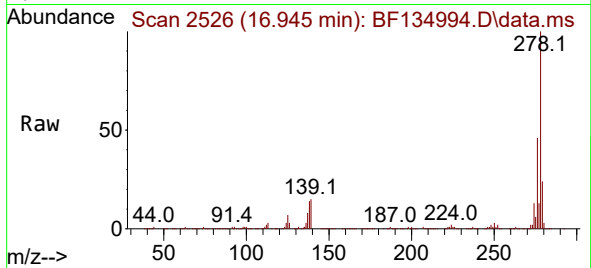
125 9.5 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 37.258 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48

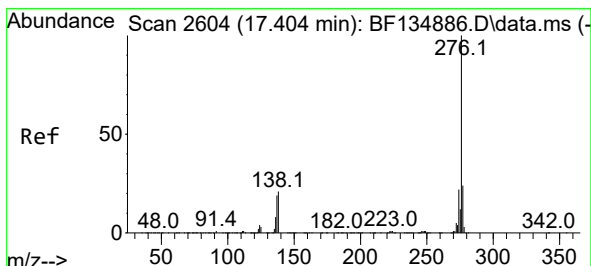
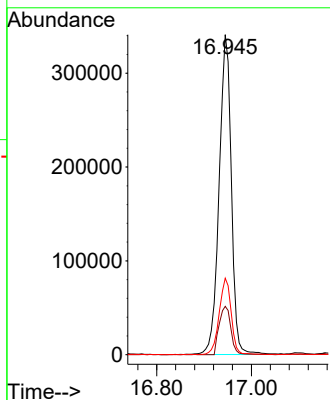
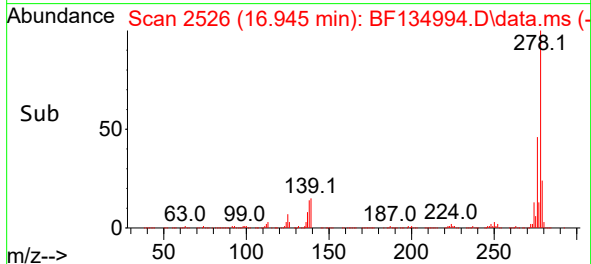
Instrument :
BNA_F
ClientSampleId :
WC-6MS



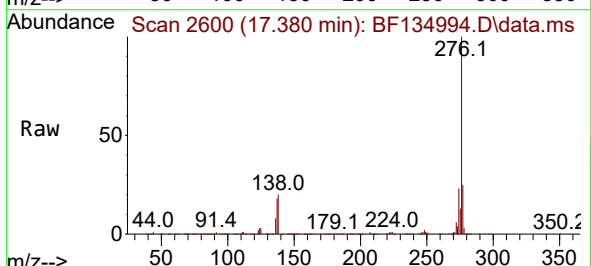
Tgt Ion:278 Resp: 61089
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#92
Benzo(g,h,i)perylene
Concen: 33.408 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.024 min
Lab File: BF134994.D
Acq: 29 Aug 2023 20:48



Tgt Ion:276 Resp: 560742
Ion Ratio Lower Upper
276 100
277 24.6 19.2 28.8
138 20.0 17.0 25.6

