

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135194.D
 Acq On : 12 Sep 2023 22:04
 Operator : CG\JU
 Sample : 04188-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:47:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	123582	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	492639	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	255855	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	493045	20.000	ng	0.00
76) Chrysene-d12	13.951	240	248870	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	259456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	711322	93.616	ng	0.02
7) Phenol-d6	6.410	99	931486	96.411	ng	0.00
23) Nitrobenzene-d5	7.334	82	575056	63.419	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	249049	97.951	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1055794	62.258	ng	0.00
79) Terphenyl-d14	12.886	244	1037763	64.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	125191	37.584	ng	99
3) Pyridine	3.322	79	317380	35.403	ng	97
4) n-Nitrosodimethylamine	3.293	42	205091	43.111	ng	99
6) Aniline	6.434	93	358504	28.296	ng	99
8) 2-Chlorophenol	6.551	128	365461	45.056	ng	97
9) Benzaldehyde	6.316	77	130645	23.736	ng	97
10) Phenol	6.422	94	441746	41.696	ng	93
11) bis(2-Chloroethyl)ether	6.510	93	343450	43.218	ng	98
12) 1,3-Dichlorobenzene	6.704	146	356302	43.223	ng	98
13) 1,4-Dichlorobenzene	6.781	146	364437	43.454	ng	99
14) 1,2-Dichlorobenzene	6.934	146	347662	44.638	ng	98
15) Benzyl Alcohol	6.916	79	313201	45.175	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	635135	42.401	ng	97
17) 2-Methylphenol	7.028	107	286881	40.079	ng	97
18) Hexachloroethane	7.269	117	133456	43.066	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	241981	40.435	ng	99
20) 3+4-Methylphenols	7.181	107	343698	39.932	ng	92
22) Acetophenone	7.175	105	471581	41.870	ng	# 99
24) Nitrobenzene	7.351	77	380843	42.493	ng	98
25) Isophorone	7.592	82	716315	43.021	ng	99
26) 2-Nitrophenol	7.663	139	193971	45.094	ng	99
27) 2,4-Dimethylphenol	7.704	122	298498	41.284	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	435624	43.712	ng	100
29) 2,4-Dichlorophenol	7.904	162	298613	44.571	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	308088	43.996	ng	100
31) Naphthalene	8.069	128	1017885	42.526	ng	100
32) Benzoic acid	7.851	122	249851	45.891	ng	98
33) 4-Chloroaniline	8.116	127	222241	21.162	ng	97
34) Hexachlorobutadiene	8.181	225	181549	42.996	ng	100
35) Caprolactam	8.498	113	101799m	45.274	ng	
36) 4-Chloro-3-methylphenol	8.610	107	335296	45.029	ng	99
37) 2-Methylnaphthalene	8.757	142	659845	41.011	ng	99
38) 1-Methylnaphthalene	8.857	142	631546	41.925	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	314888	42.482	ng	99
41) Hexachlorocyclopentadiene	8.910	237	226675	70.381	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	216193	44.547	ng	99

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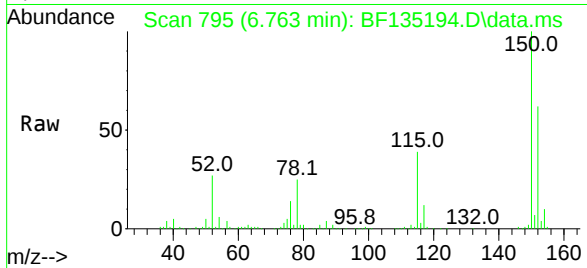
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	231949	41.501	ng	99
46) 1,1'-Biphenyl	9.228	154	833448	42.389	ng	98
47) 2-Chloronaphthalene	9.251	162	621128	43.539	ng	99
48) 2-Nitroaniline	9.351	65	241349	43.547	ng	96
49) Acenaphthylene	9.669	152	1012329	42.698	ng	100
50) Dimethylphthalate	9.533	163	752370	43.494	ng	99
51) 2,6-Dinitrotoluene	9.598	165	167258	44.137	ng	94
52) Acenaphthene	9.839	154	590817	42.183	ng	99
53) 3-Nitroaniline	9.769	138	143241	32.202	ng	92
54) 2,4-Dinitrophenol	9.880	184	172901	80.342	ng	98
55) Dibenzofuran	10.010	168	882050	41.270	ng	96
56) 4-Nitrophenol	9.939	139	268061	94.819	ng	100
57) 2,4-Dinitrotoluene	10.004	165	206018	43.426	ng	90
58) Fluorene	10.357	166	685993	41.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	195092	45.378	ng	99
60) Diethylphthalate	10.233	149	746325	42.990	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	324338	41.093	ng	98
62) 4-Nitroaniline	10.386	138	184963	43.258	ng	97
63) Azobenzene	10.510	77	716224	42.154	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	116991	44.675	ng	95
66) n-Nitrosodiphenylamine	10.475	169	642869	43.068	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	207901	42.397	ng	97
68) Hexachlorobenzene	10.904	284	230927	46.225	ng	97
69) Atrazine	11.004	200	203216	50.597	ng	99
70) Pentachlorophenol	11.104	266	215098	71.964	ng	100
71) Phenanthrene	11.322	178	1036641	44.455	ng	98
72) Anthracene	11.374	178	1012035	42.222	ng	99
73) Carbazole	11.533	167	958818	43.943	ng	99
74) Di-n-butylphthalate	11.863	149	1157674	45.026	ng	99
75) Fluoranthene	12.516	202	1096787	45.139	ng	98
77) Benzidine	12.639	184	222818	43.702	ng	100
78) Pyrene	12.745	202	1084234	45.759	ng	100
80) Butylbenzylphthalate	13.368	149	416587	49.936	ng	96
81) Benzo(a)anthracene	13.939	228	702723	43.728	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	187759	37.405	ng	99
83) Chrysene	13.974	228	697880	43.679	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	453635	52.990	ng	99
85) Di-n-octyl phthalate	14.551	149	693122	50.947	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.886	276	777150	45.683	ng	99
88) Benzo(b)fluoranthene	14.986	252	631442	44.958	ng	99
89) Benzo(k)fluoranthene	15.015	252	579663	41.780	ng	98
90) Benzo(a)pyrene	15.351	252	570066	42.561	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	618467	44.433	ng	99
92) Benzo(g,h,i)perylene	17.339	276	635736	43.733	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

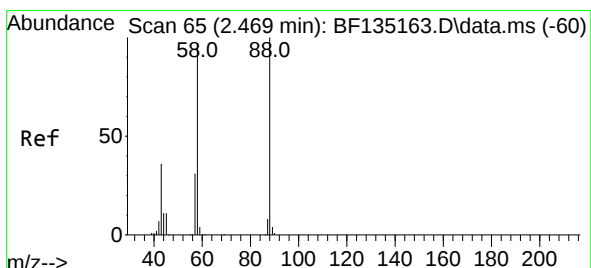
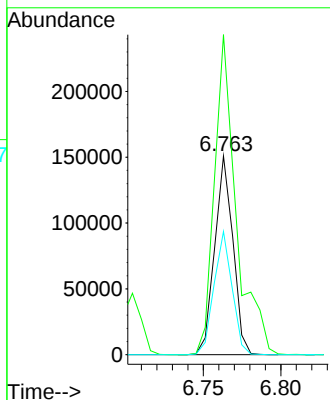
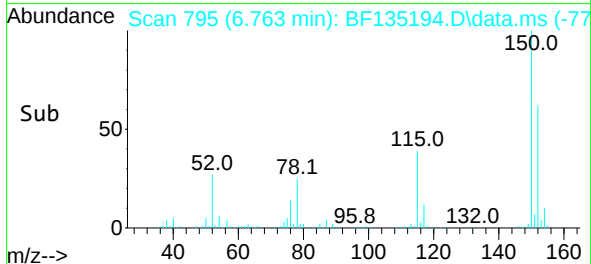
Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD



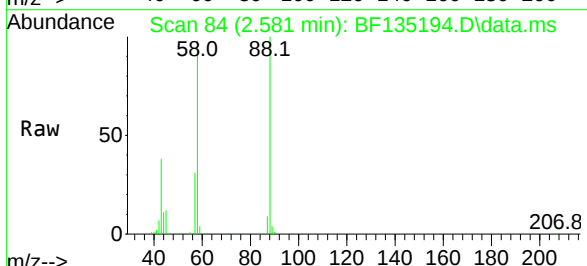
Tgt Ion: 152 Resp: 123582
 Ion Ratio Lower Upper
 152 100
 150 161.0 127.8 191.6
 115 62.0 49.8 74.8

Manual Integrations
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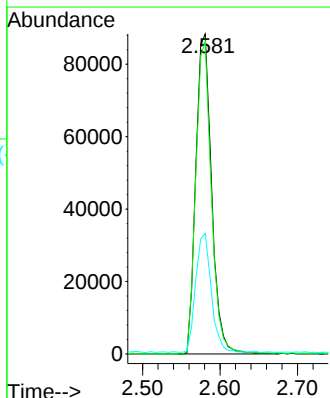
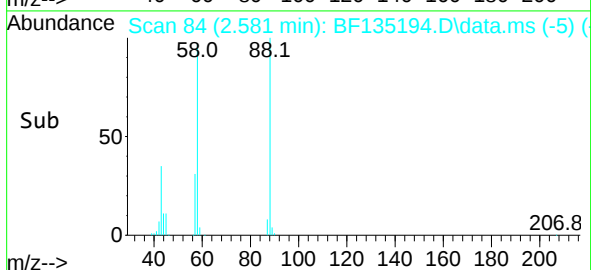
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023



#2
 1,4-Dioxane
 Concen: 37.584 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.112 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04



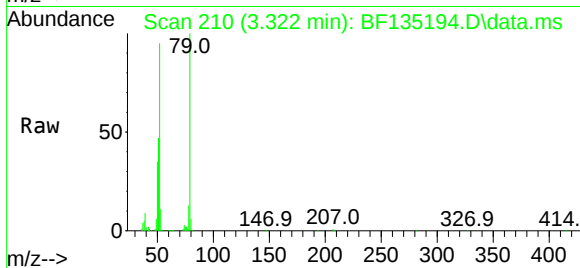
Tgt Ion: 88 Resp: 125191
 Ion Ratio Lower Upper
 88 100
 58 96.5 78.3 117.5
 43 36.5 29.4 44.0





#3
Pyridine
Concen: 35.403 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.106 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

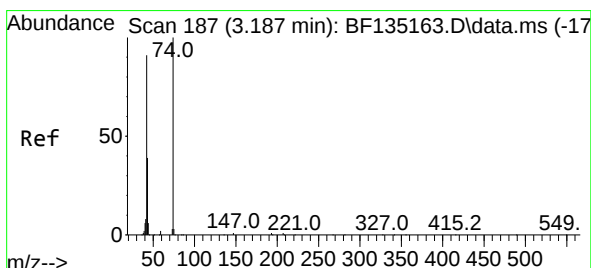
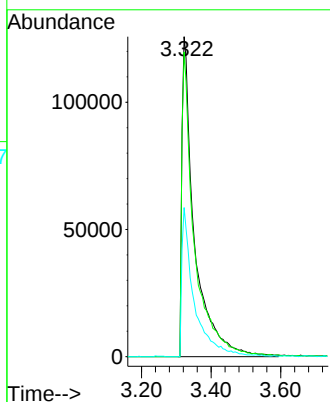
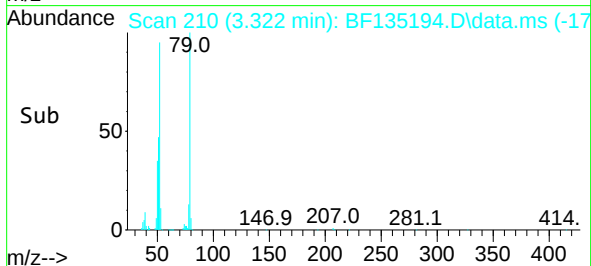
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BNA_F
ClientSampleId :
WC-6MSD



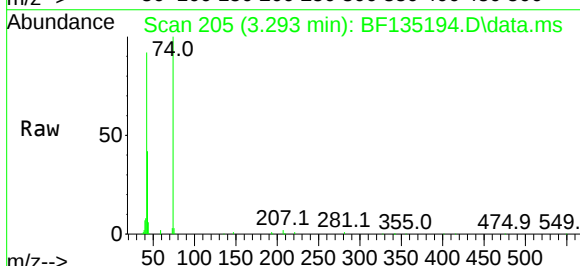
Tgt Ion: 79 Resp: 317380
Ion Ratio Lower Upper
79 100
52 95.3 74.1 111.1
51 46.6 35.8 53.8

Manual Integrations
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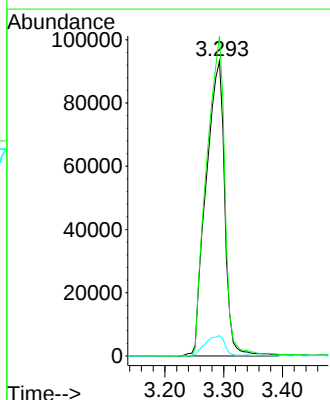
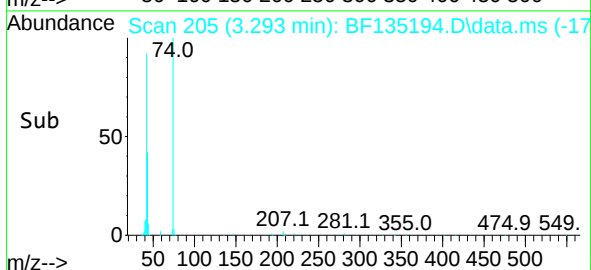
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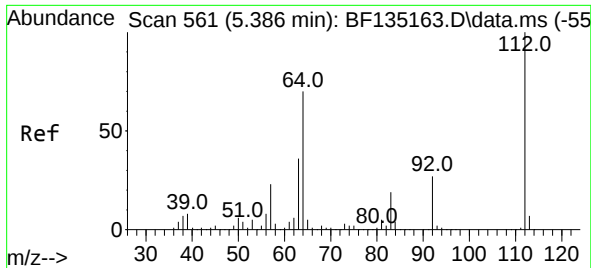


#4
n-Nitrosodimethylamine
Concen: 43.111 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.106 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion: 42 Resp: 205091
Ion Ratio Lower Upper
42 100
74 108.6 87.7 131.5
44 6.9 5.6 8.4





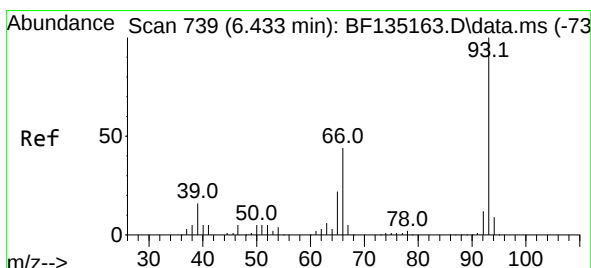
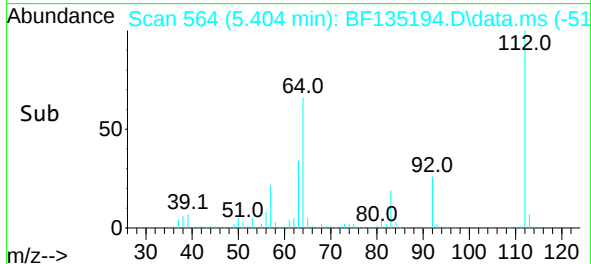
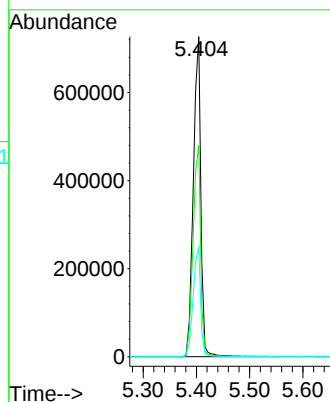
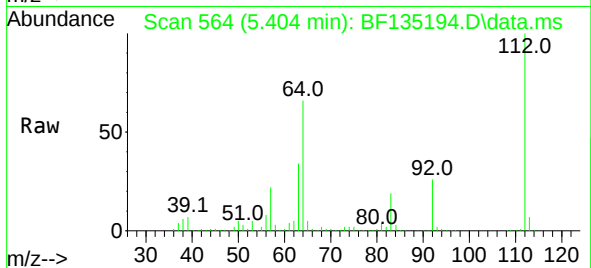
#5
2-Fluorophenol
Concen: 93.616 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion:112 Resp: 71132
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 34.2 29.0 43.6

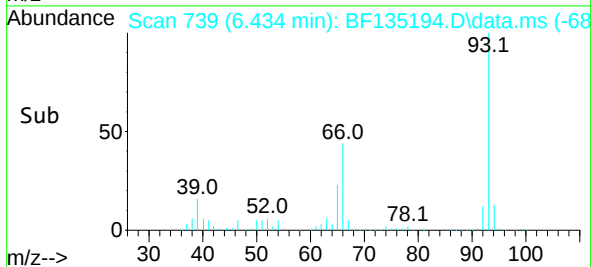
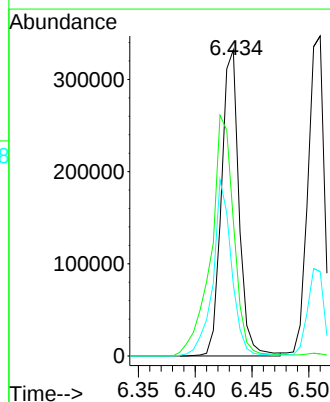
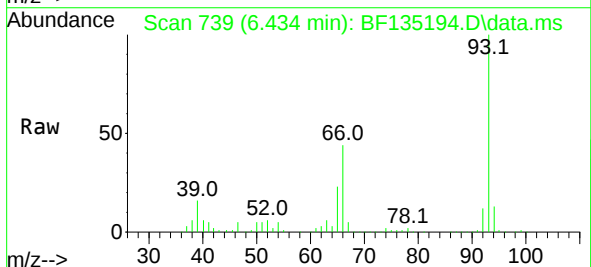
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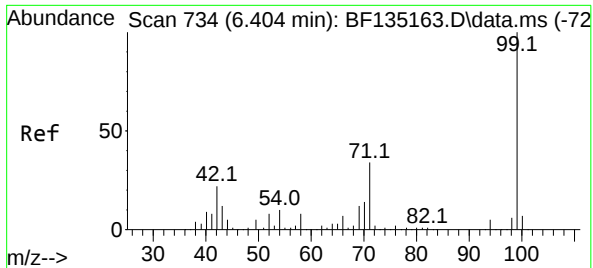
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 28.296 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion: 93 Resp: 358504
Ion Ratio Lower Upper
93 100
66 44.2 35.4 53.0
65 23.3 17.8 26.8





#7

Phenol-d6

Concen: 96.411 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion: 99 Resp: 931486

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

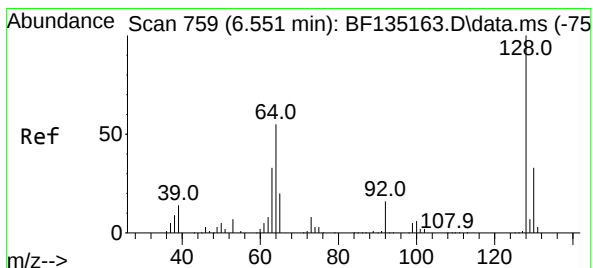
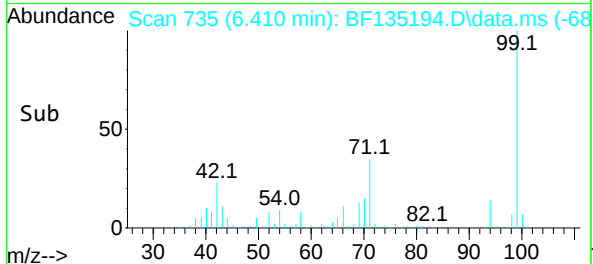
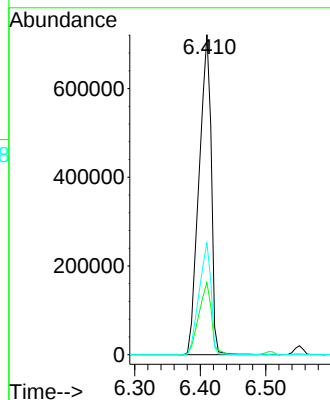
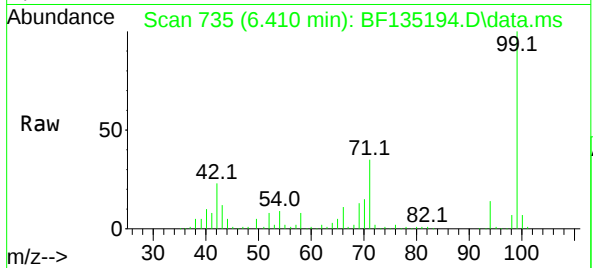
71 34.9 27.0 40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#8

2-Chlorophenol

Concen: 45.056 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

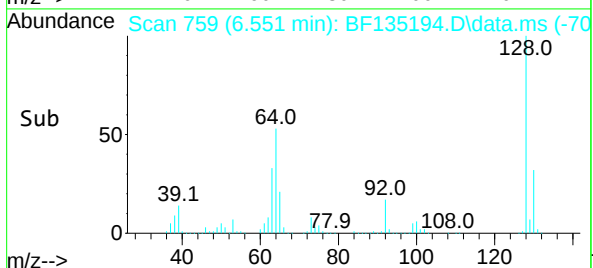
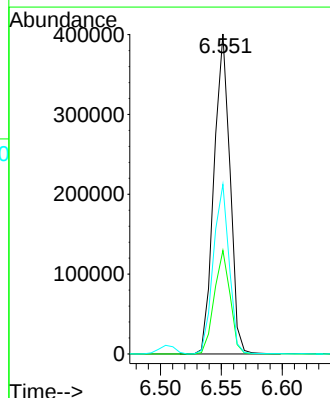
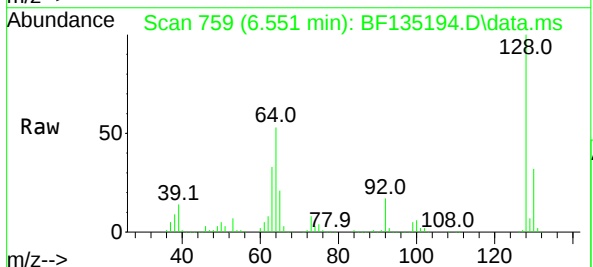
Tgt Ion:128 Resp: 365461

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

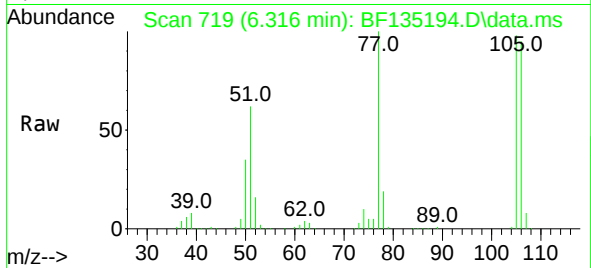
64 53.0 35.9 75.9





#9
Benzaldehyde
Concen: 23.736 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

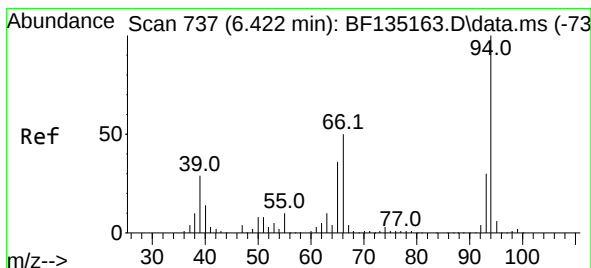
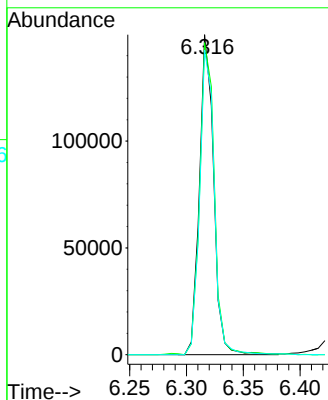
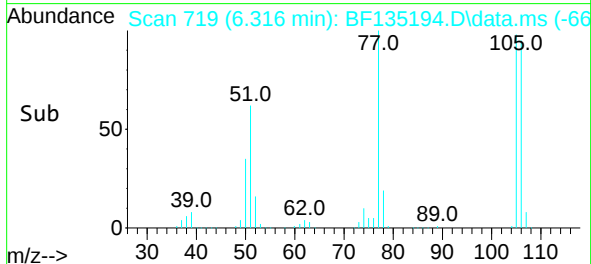
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion: 77 Resp: 130649
Ion Ratio Lower Upper
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106 95.1 76.9 116.9

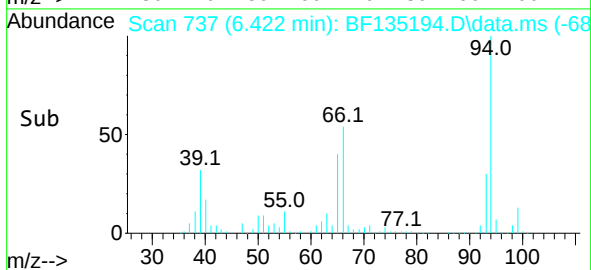
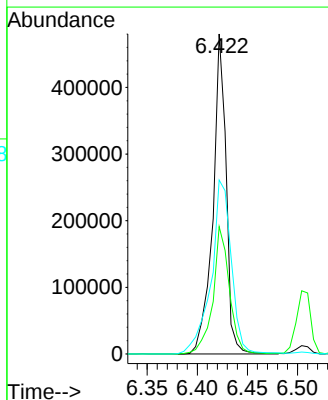
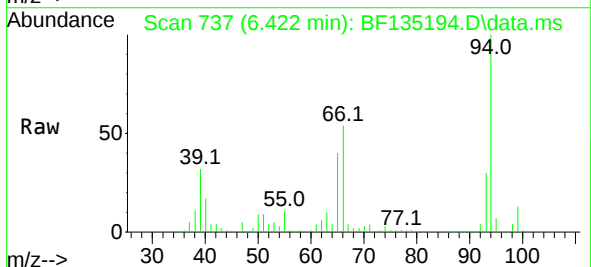
Manual Integrations
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Supervised By :mohammad ahmed 09/13/2023



#10
Phenol
Concen: 41.696 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion: 94 Resp: 441746
Ion Ratio Lower Upper
94 100
65 39.8 15.9 55.9
66 54.4 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 43.218 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

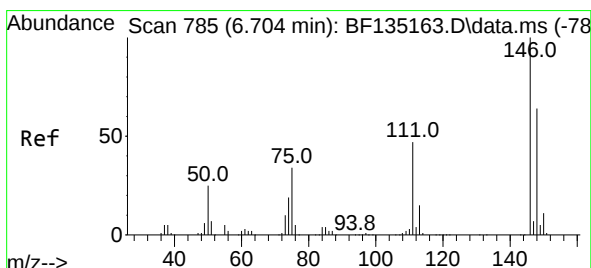
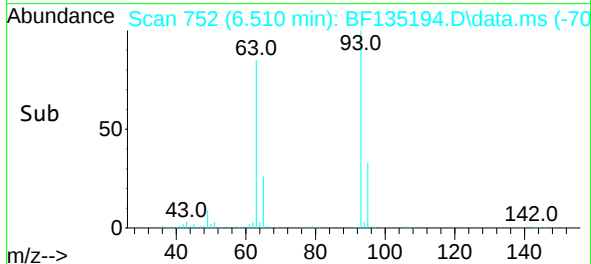
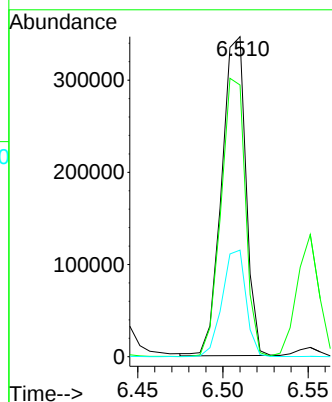
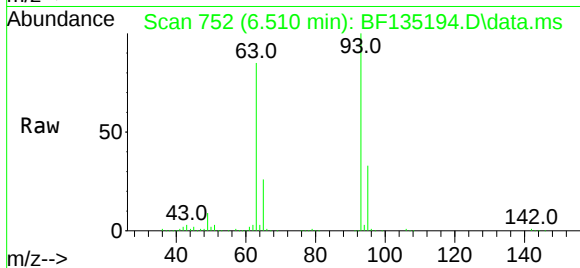
Tgt Ion: 93 Resp: 343450
 Ion Ratio Lower Upper
 93 100
 63 84.9 67.3 107.3
 95 33.3 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#12

1,3-Dichlorobenzene

Concen: 43.223 ng

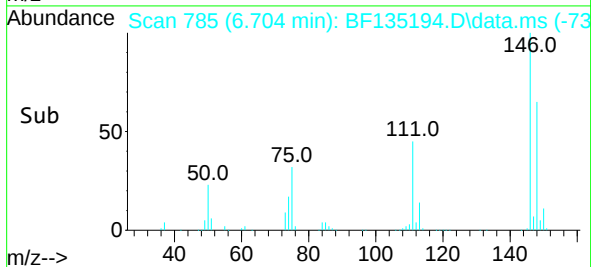
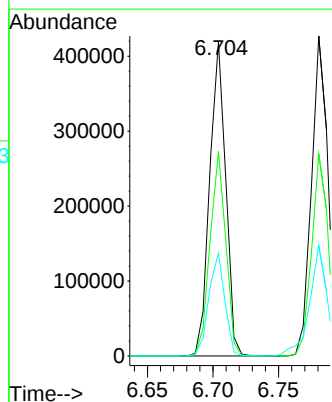
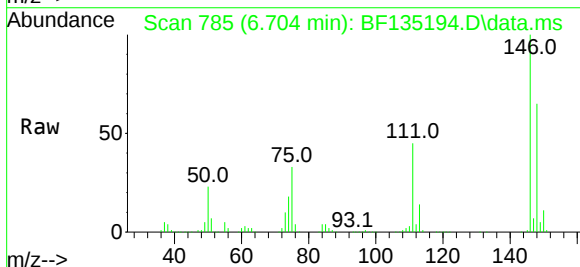
RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

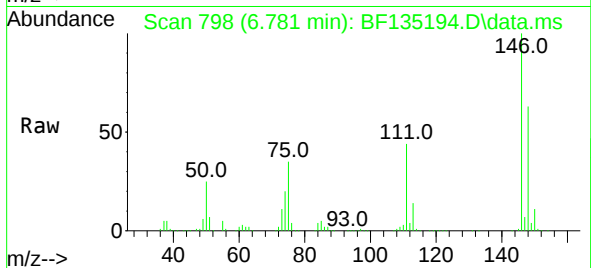
Tgt Ion:146 Resp: 356302
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.3 76.9
 75 32.7 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 43.454 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

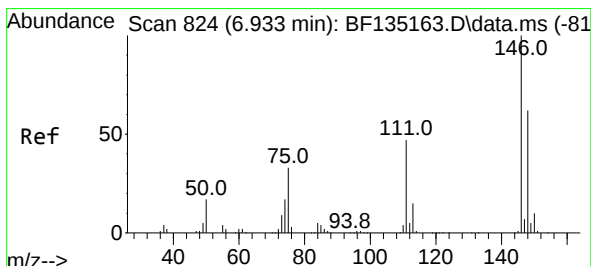
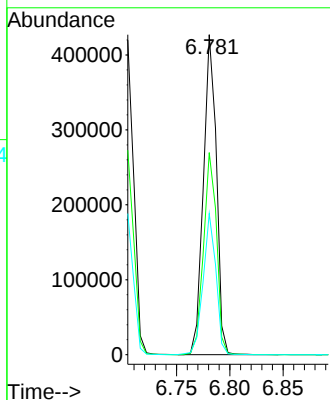
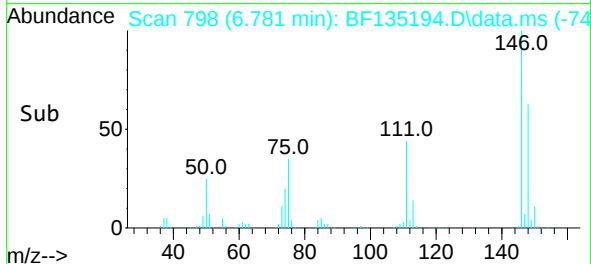
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



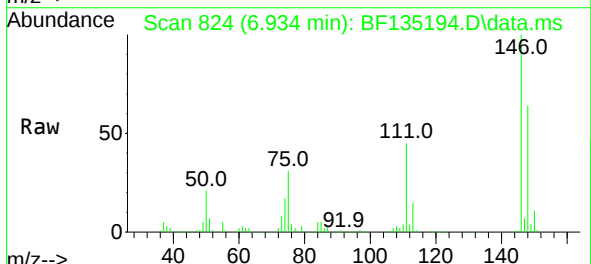
Tgt Ion:146 Resp: 36443
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
111 44.1 35.1 52.7

Manual Integrations
APPROVED

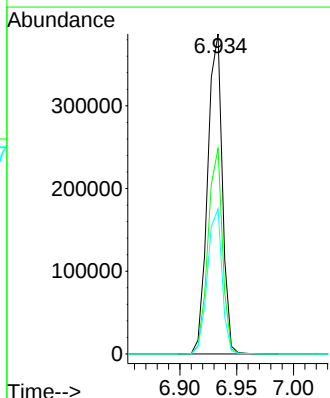
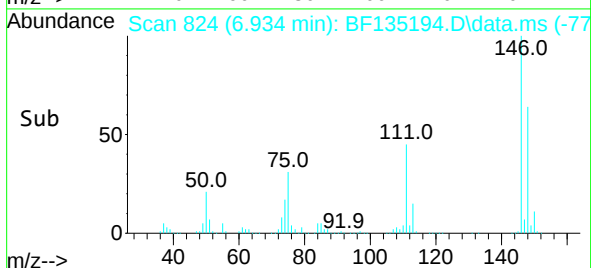
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

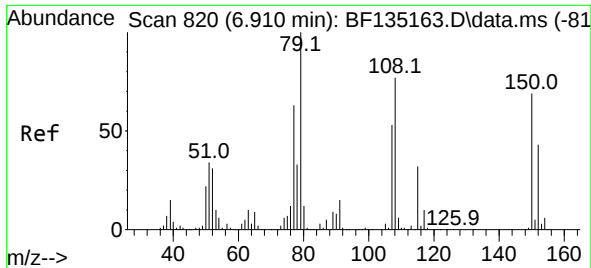


#14
1,2-Dichlorobenzene
Concen: 44.638 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



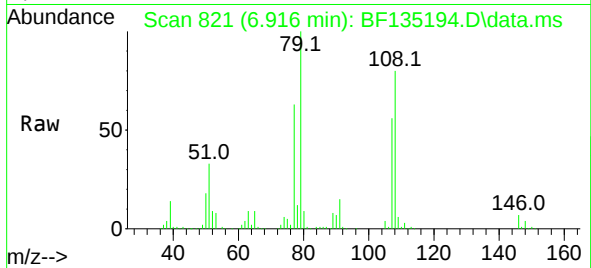
Tgt Ion:146 Resp: 347662
Ion Ratio Lower Upper
146 100
148 64.2 49.7 74.5
111 45.4 37.4 56.2





#15
Benzyl Alcohol
Concen: 45.175 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

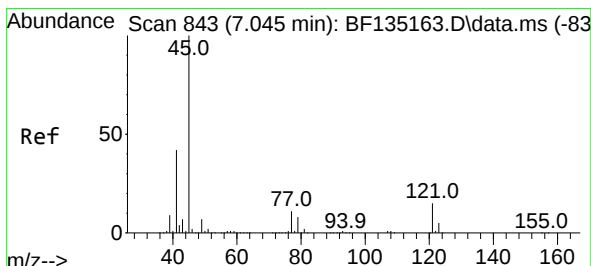
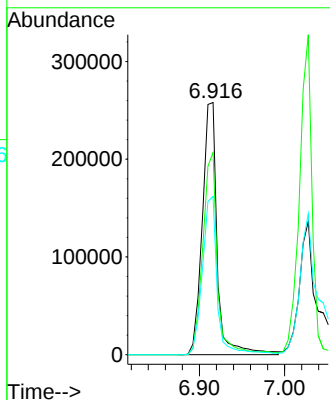
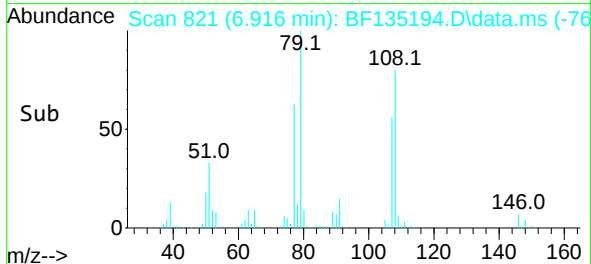
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion: 79 Resp: 31320
Ion Ratio Lower Upper
79 100
108 80.2 61.2 91.8
77 62.7 50.5 75.7

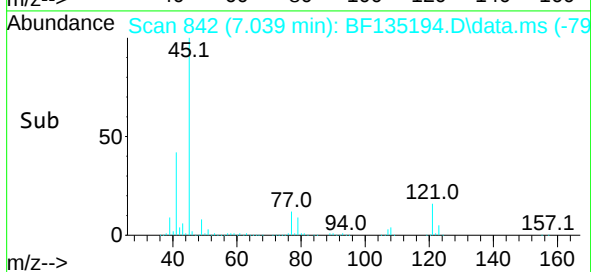
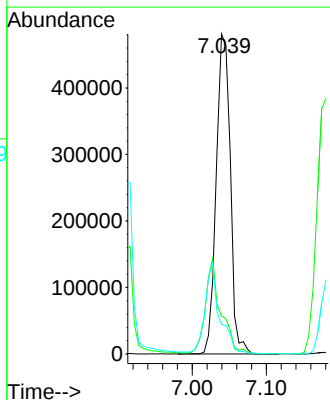
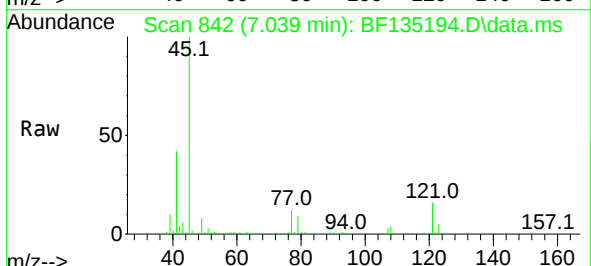
Manual Integrations
APPROVED

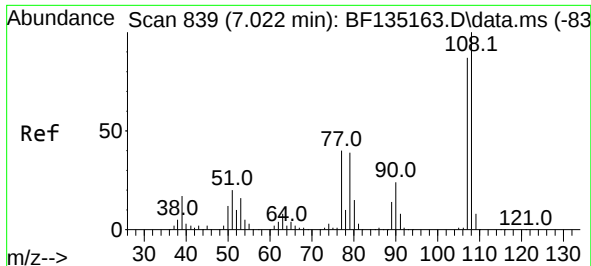
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.401 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

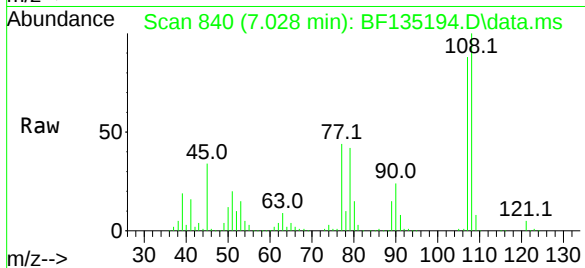
Tgt Ion: 45 Resp: 635135
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.6
79 9.2 0.0 28.3





#17
2-Methylphenol
Concen: 40.079 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

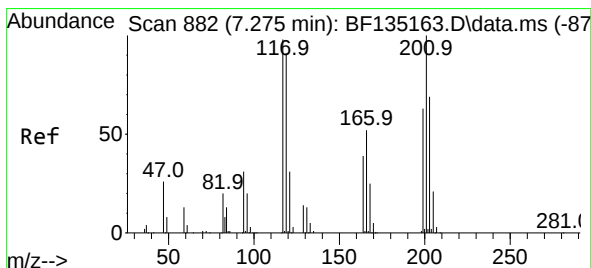
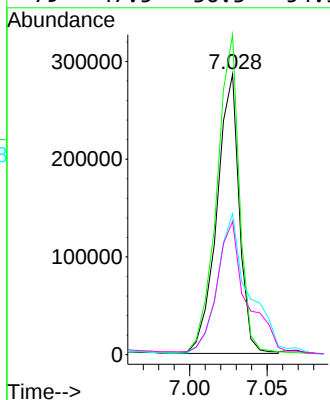
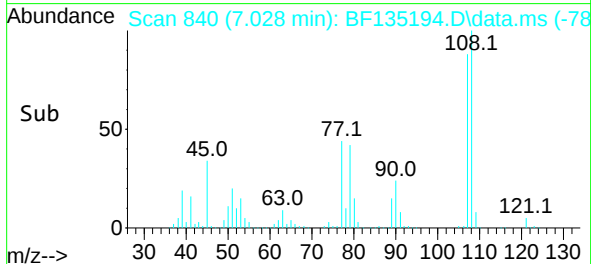
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



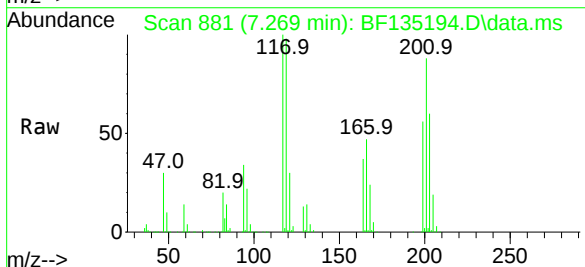
Tgt Ion:107 Resp: 28688
Ion Ratio Lower Upper
107 100
108 114.1 92.0 138.0
77 50.2 36.7 55.1
79 47.5 36.3 54.5

Manual Integrations
APPROVED

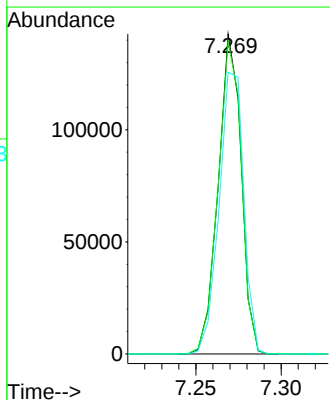
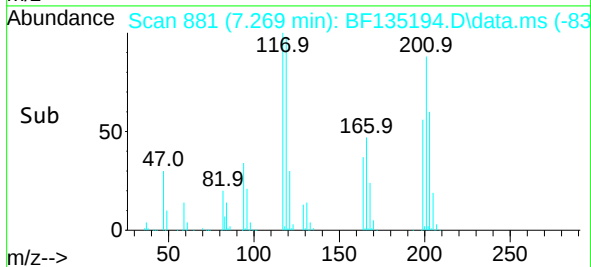
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

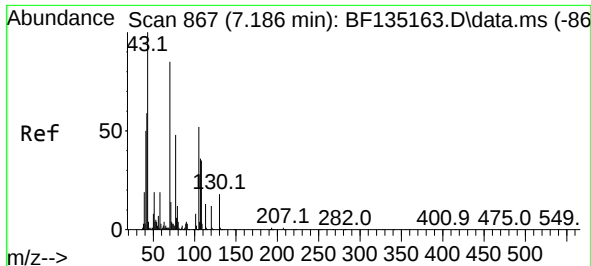


#18
Hexachloroethane
Concen: 43.066 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



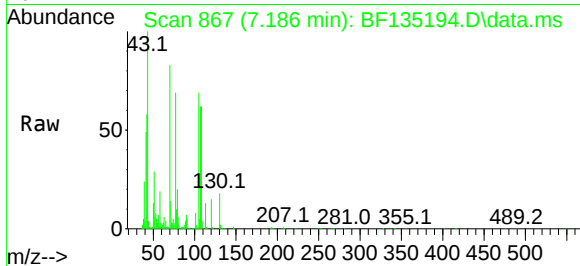
Tgt Ion:117 Resp: 133456
Ion Ratio Lower Upper
117 100
119 97.7 74.7 112.1
201 88.1 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.435 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

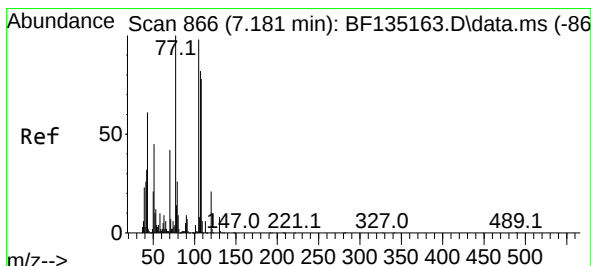
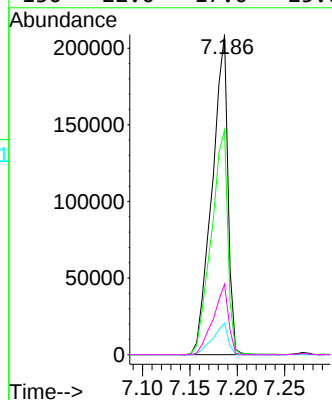
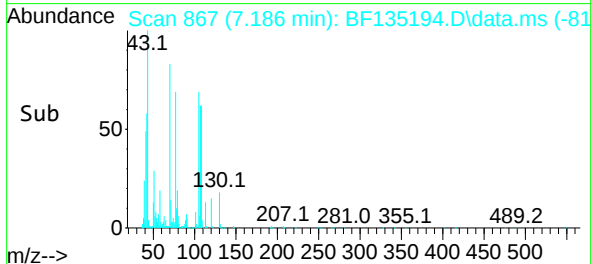
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion: 70 Resp: 24198
Ion Ratio Lower Upper
70 100
42 70.2 55.4 83.0
101 9.9 7.7 11.5
130 22.0 17.0 25.6

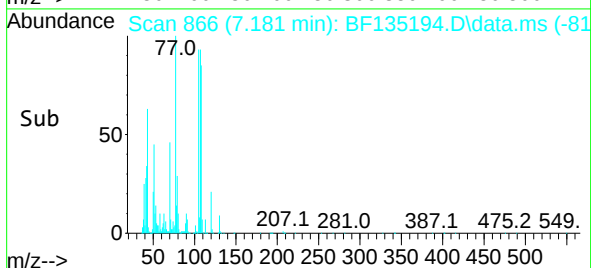
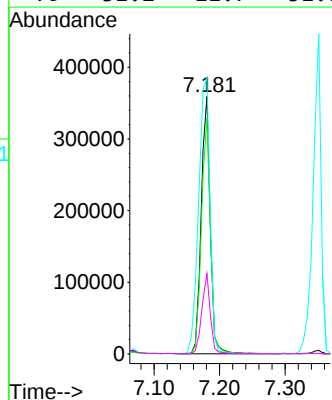
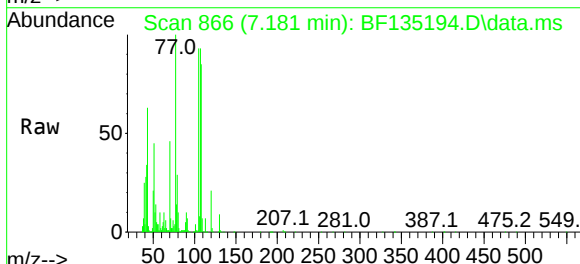
Manual Integrations
APPROVED

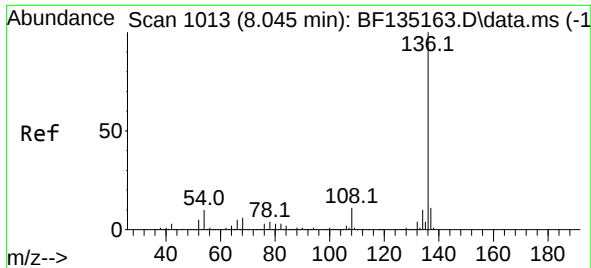
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#20
3+4-Methylphenols
Concen: 39.932 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

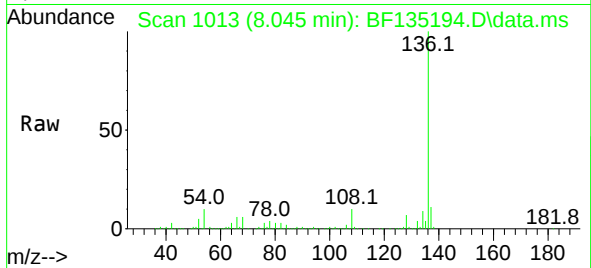
Tgt Ion:107 Resp: 343698
Ion Ratio Lower Upper
107 100
108 91.4 74.7 114.7
77 107.2 102.0 142.0
79 31.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

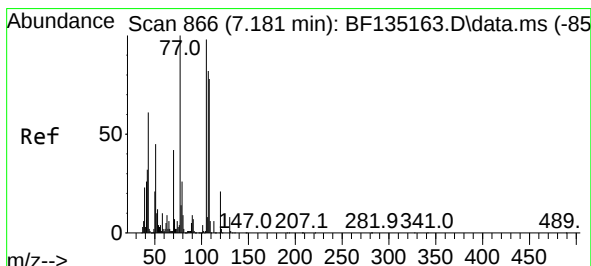
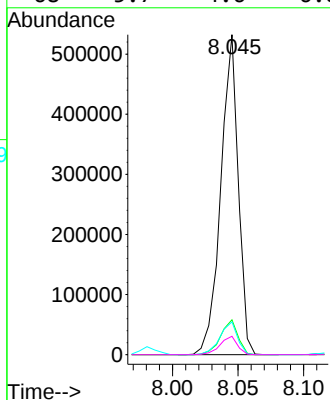
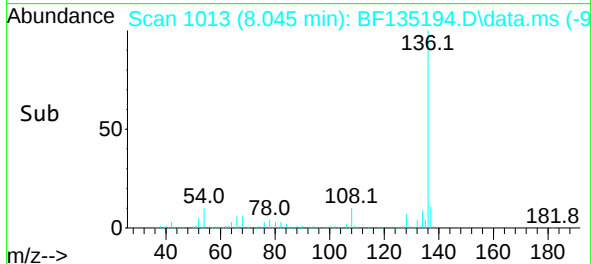
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:136 Resp: 492639
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.2 7.7 11.5
68 5.7 4.6 6.8

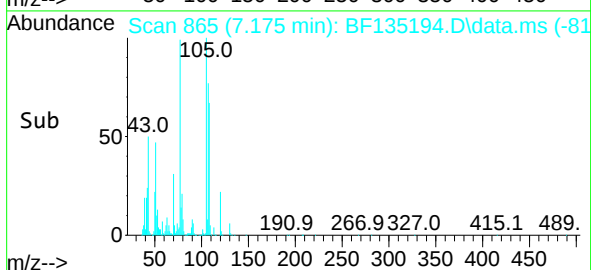
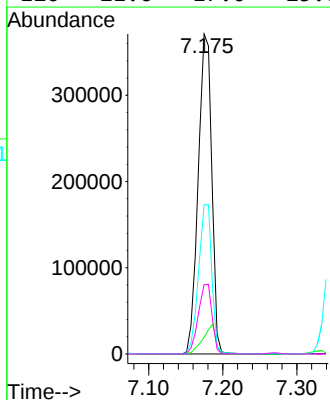
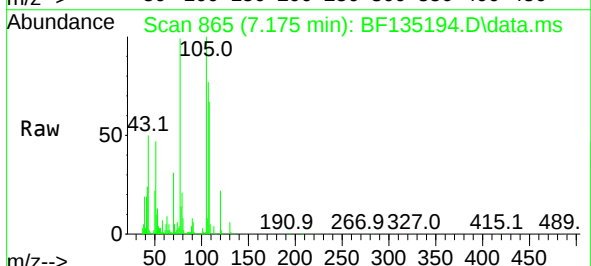
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 41.870 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:105 Resp: 471581
Ion Ratio Lower Upper
105 100
71 5.2 5.8 8.6#
51 46.6 37.0 55.4
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 63.419 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

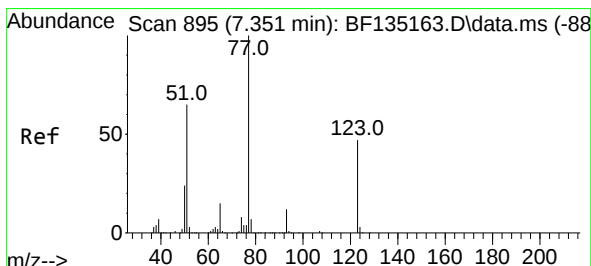
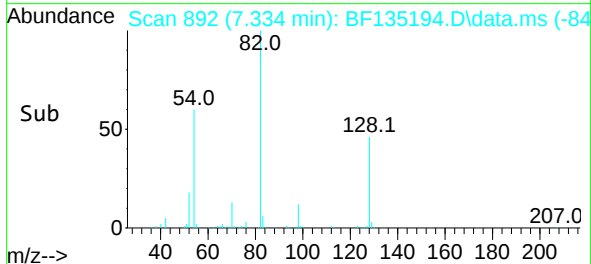
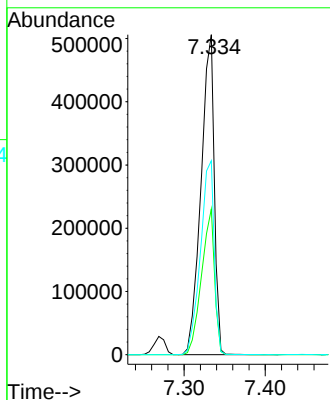
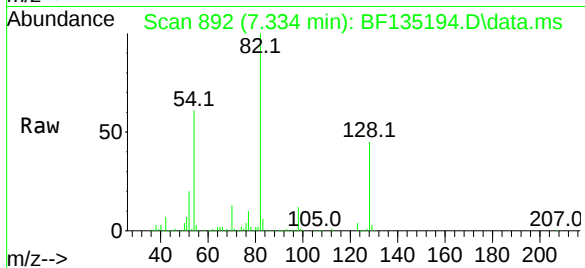
ClientSampleId :

WC-6MSD

Tgt Ion: 82 Resp: 575050
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.8 53.6
 54 60.6 50.6 76.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023



#24

Nitrobenzene

Concen: 42.493 ng

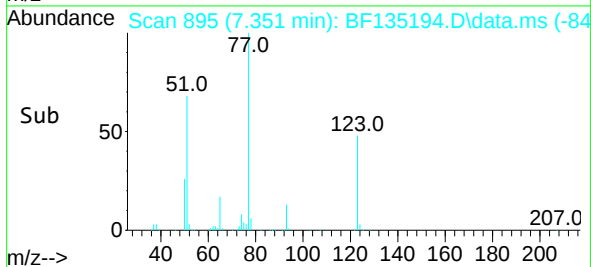
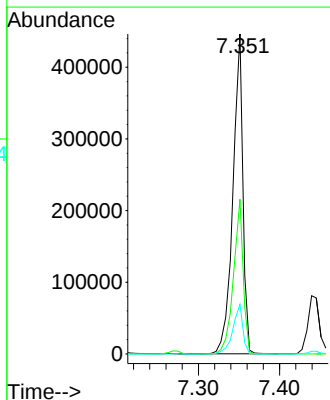
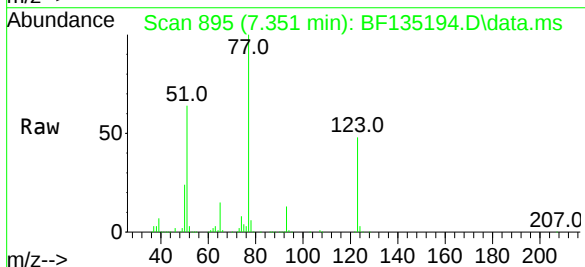
RT: 7.351 min Scan# 895

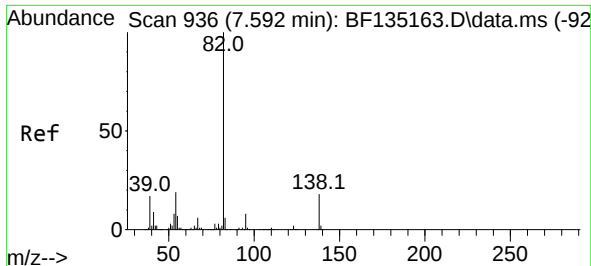
Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

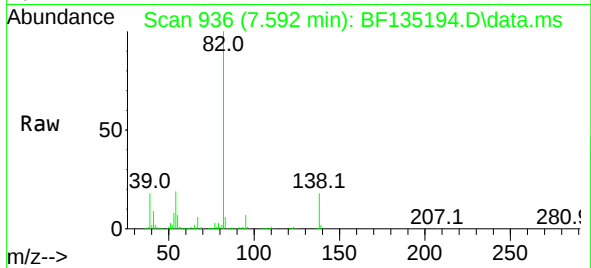
Tgt Ion: 77 Resp: 380843
 Ion Ratio Lower Upper
 77 100
 123 48.4 37.6 56.4
 65 15.5 12.2 18.4





#25
Isophorone
Concen: 43.021 ng
RT: 7.592 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

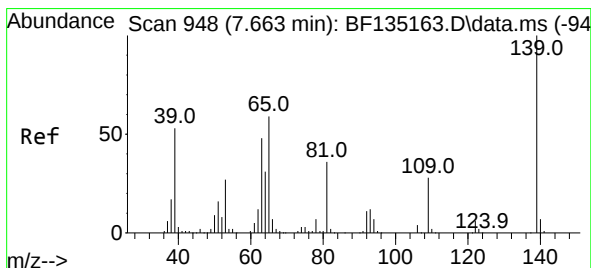
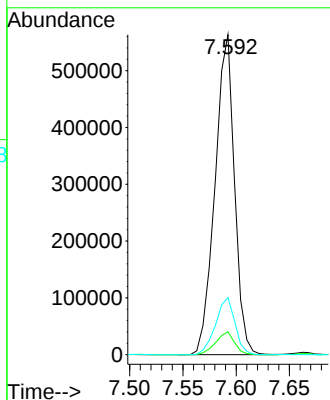
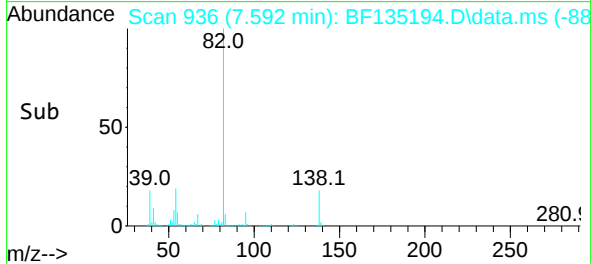
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



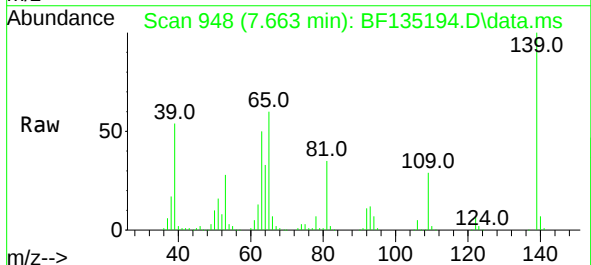
Tgt Ion: 82 Resp: 716315
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.9 14.5 21.7

Manual Integrations
APPROVED

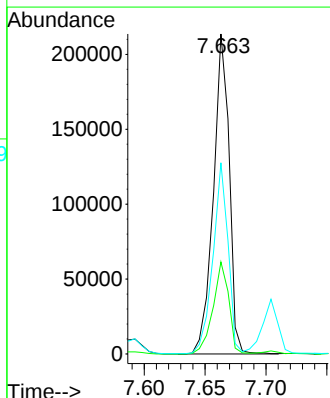
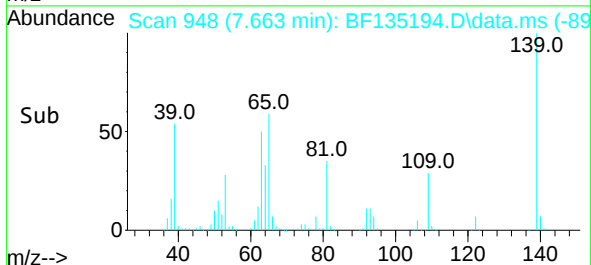
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 45.094 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion:139 Resp: 193971
Ion Ratio Lower Upper
139 100
109 28.8 22.6 33.8
65 59.7 47.0 70.4





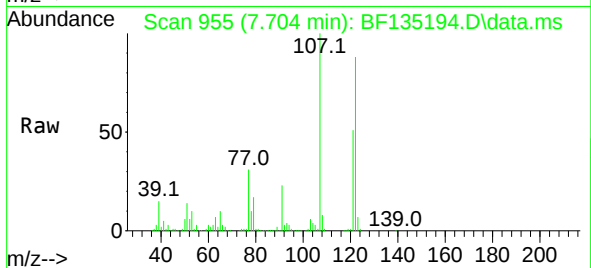
#27
2,4-Dimethylphenol
Concen: 41.284 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

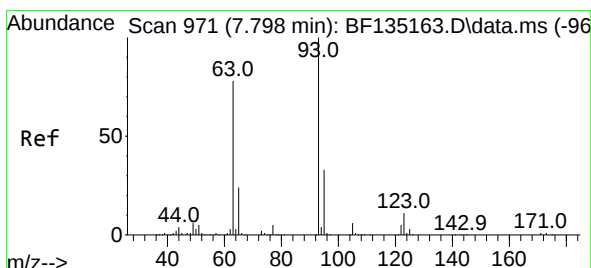
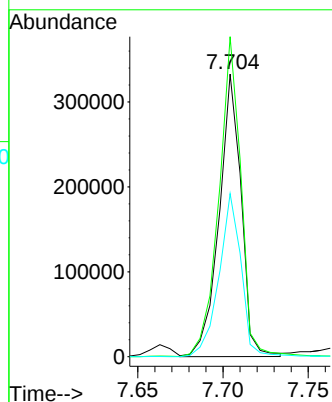
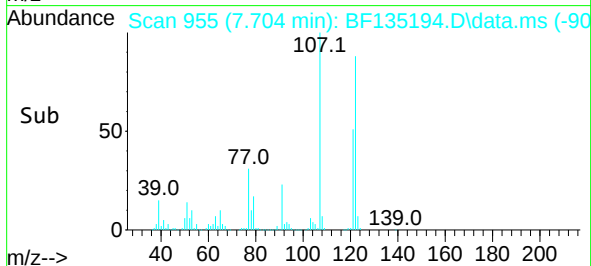


Tgt Ion:122 Resp: 298498
Ion Ratio Lower Upper
122 100
107 113.3 90.2 135.4
121 57.7 46.3 69.5

Manual Integrations

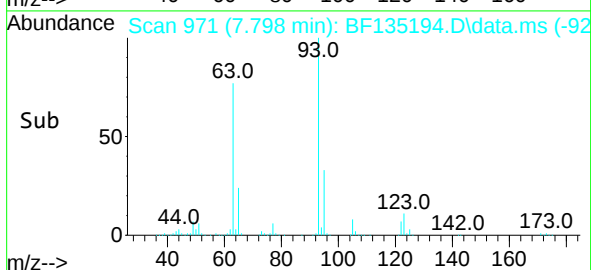
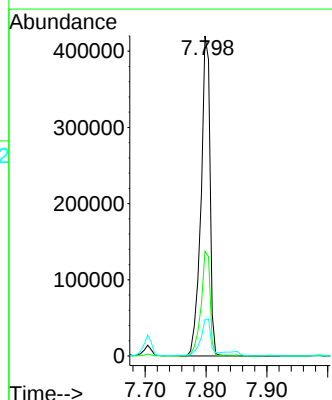
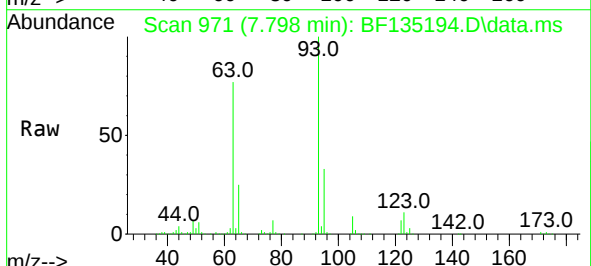
APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.712 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

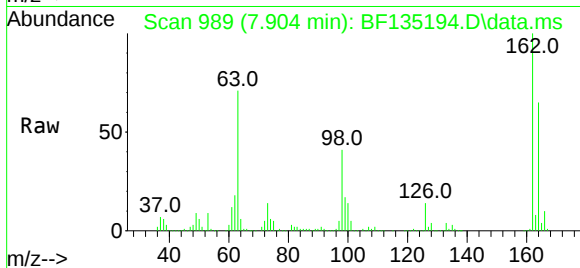
Tgt Ion: 93 Resp: 435624
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.4 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 44.571 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

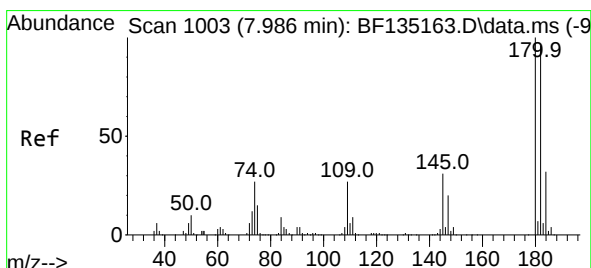
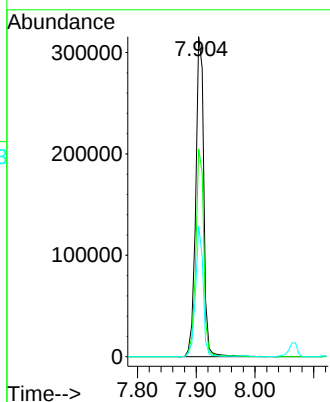
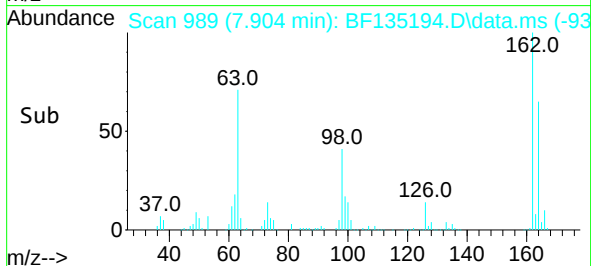
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



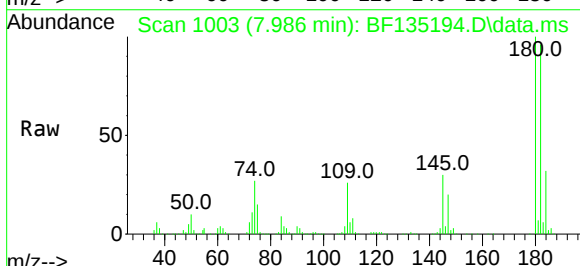
Tgt Ion:162 Resp: 29861
Ion Ratio Lower Upper
162 100
164 64.9 44.1 84.1
98 40.9 20.3 60.3

Manual Integrations
APPROVED

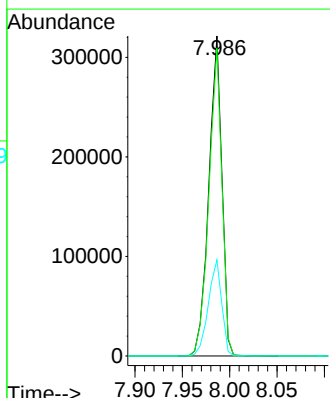
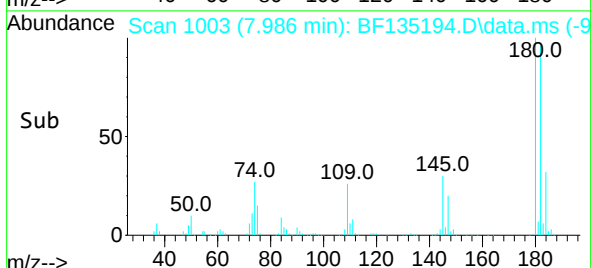
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

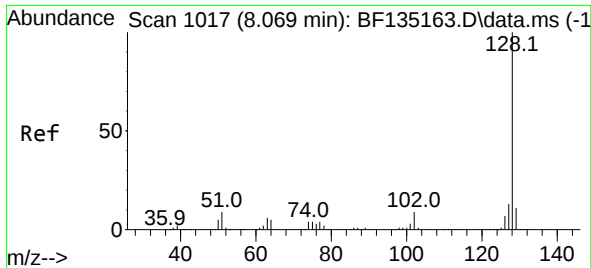


#30
1,2,4-Trichlorobenzene
Concen: 43.996 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



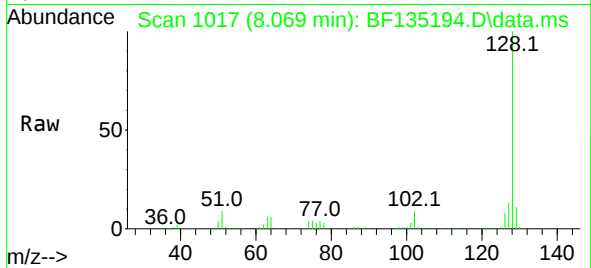
Tgt Ion:180 Resp: 308088
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 30.0 24.5 36.7





#31
Naphthalene
Concen: 42.526 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

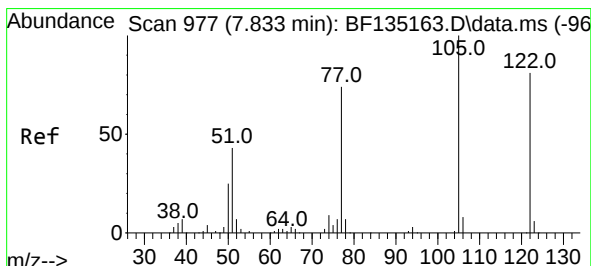
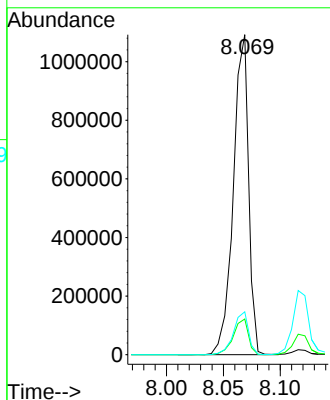
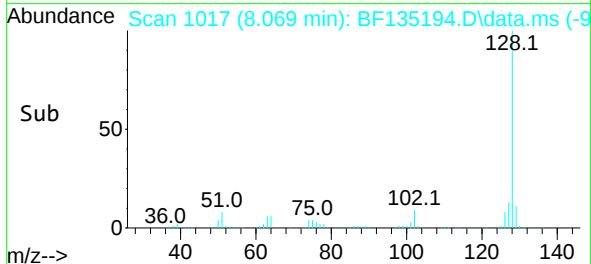
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:128 Resp: 1017885
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.7 16.1

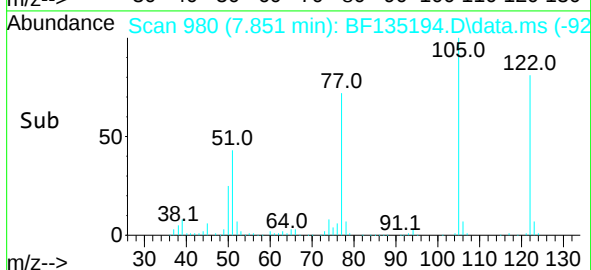
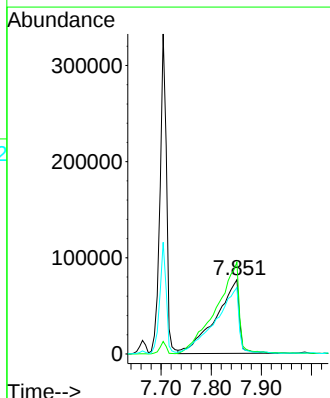
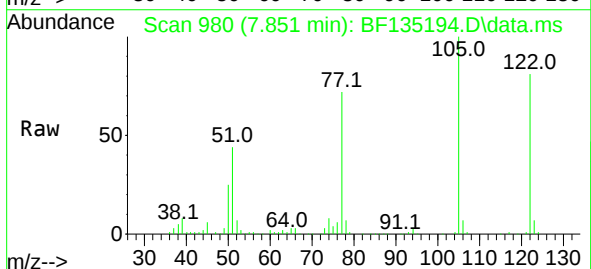
Manual Integrations
APPROVED

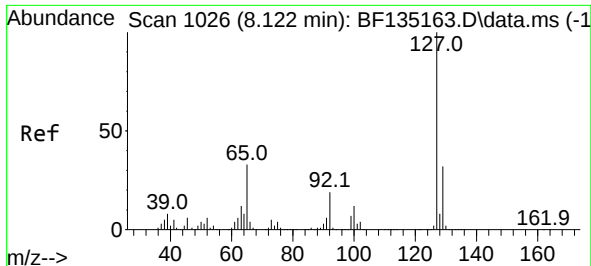
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#32
Benzoic acid
Concen: 45.891 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:122 Resp: 249851
Ion Ratio Lower Upper
122 100
105 123.5 99.9 139.9
77 89.5 70.0 110.0





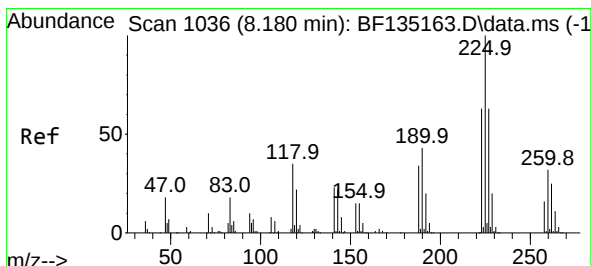
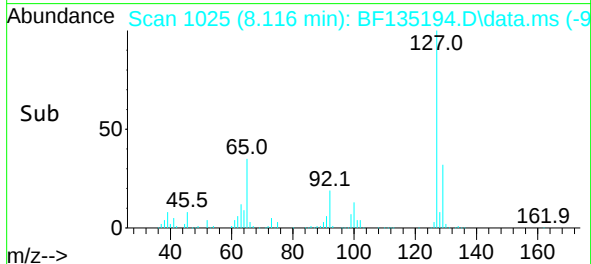
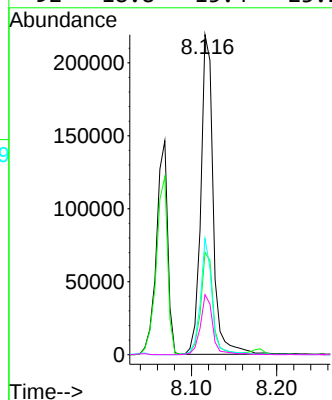
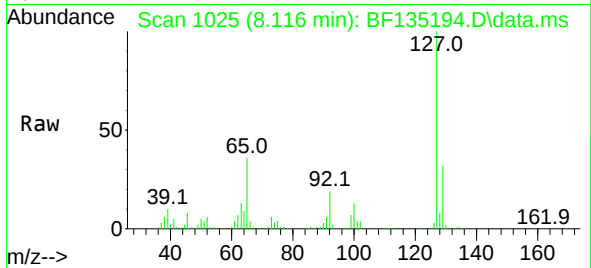
#33
4-Chloroaniline
Concen: 21.162 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	36.2	26.6	39.8
92	18.8	15.4	23.2

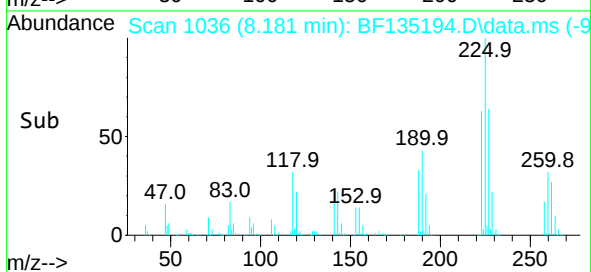
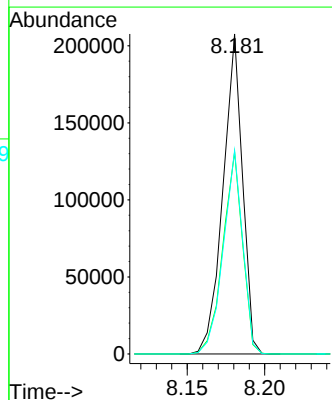
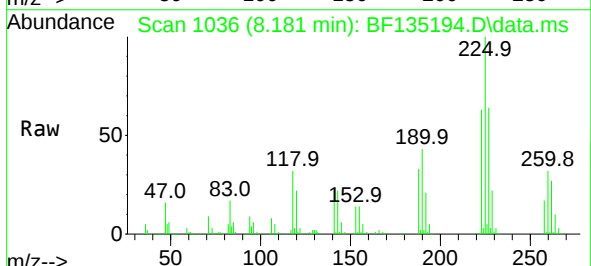
Manual Integrations
APPROVED

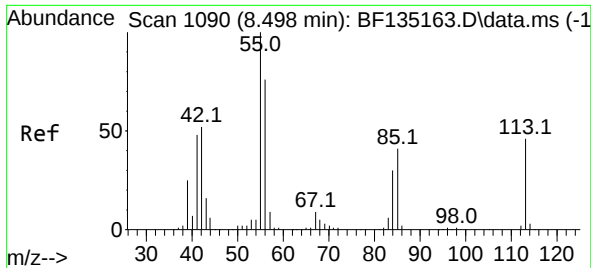
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#34
Hexachlorobutadiene
Concen: 42.996 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

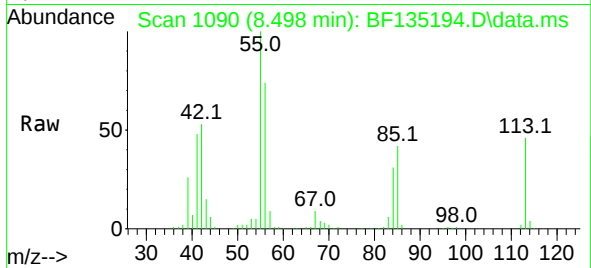
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	75.8
227	63.6	50.8	76.2





#35
 Caprolactam
 Concen: 45.274 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

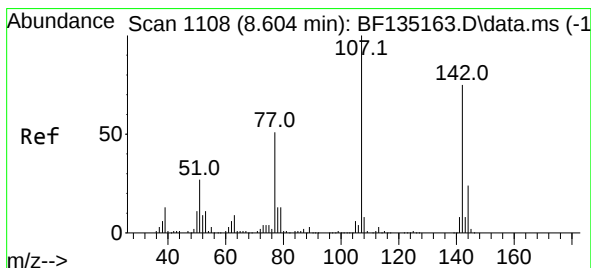
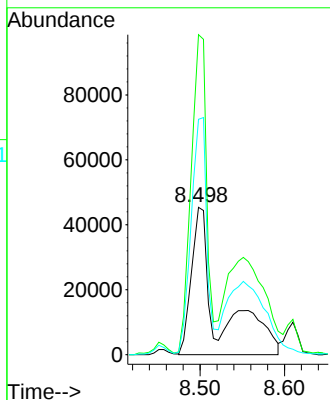
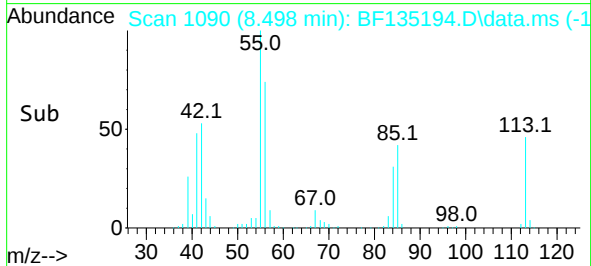
Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD



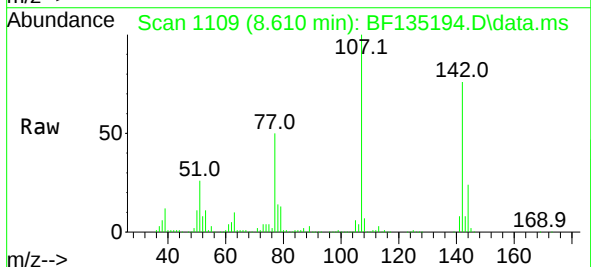
Tgt Ion:113 Resp: 101799
 Ion Ratio Lower Upper
 113 100
 55 217.1 199.3 239.3
 56 159.6 146.3 186.3

Manual Integrations
 APPROVED

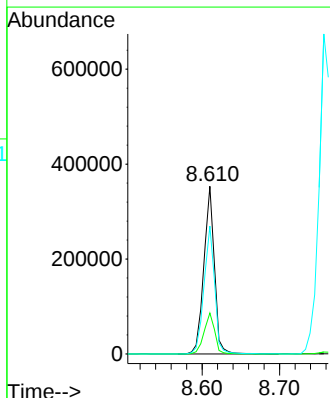
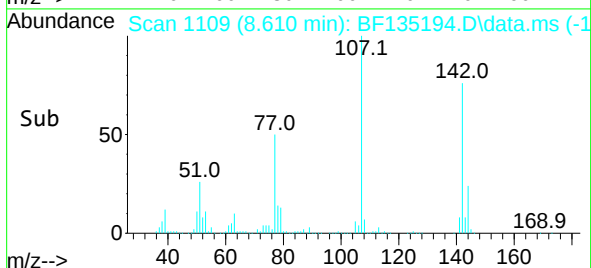
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 45.029 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04



Tgt Ion:107 Resp: 335296
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.4
 142 76.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.011 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:142 Resp: 65984

Ion Ratio Lower Upper

142 100

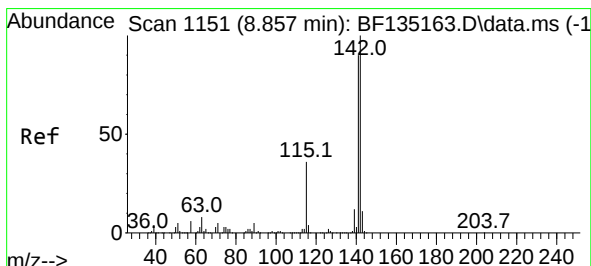
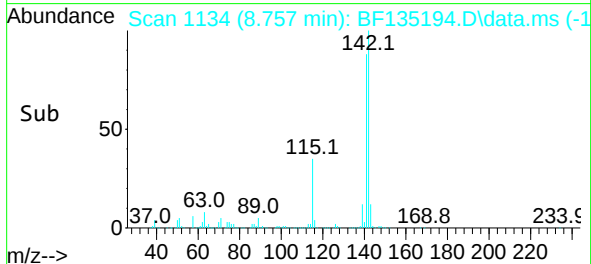
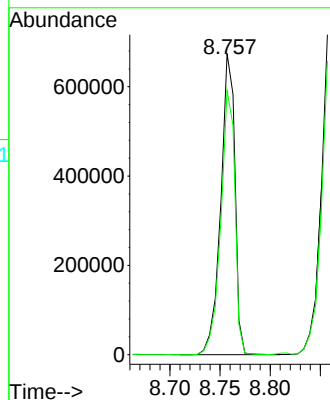
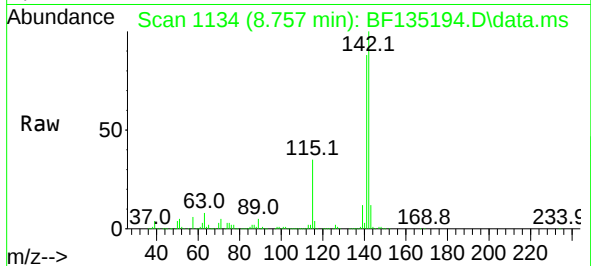
141 87.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 41.925 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135194.D

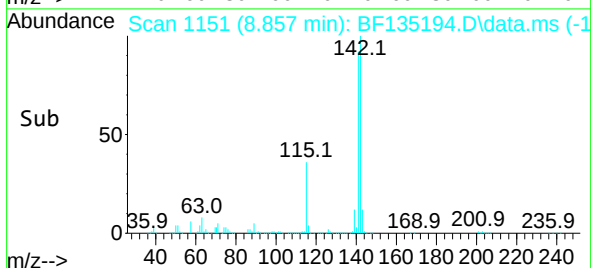
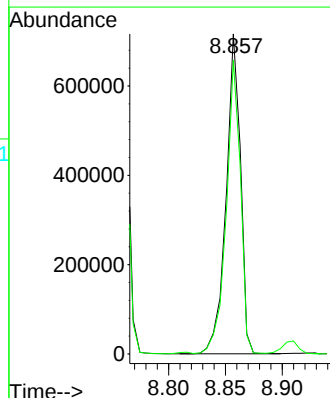
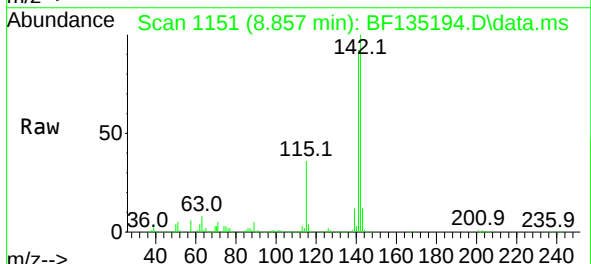
Acq: 12 Sep 2023 22:04

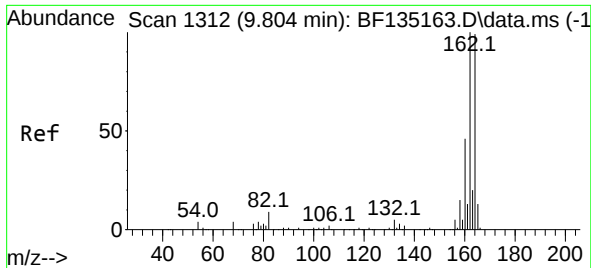
Tgt Ion:142 Resp: 631546

Ion Ratio Lower Upper

142 100

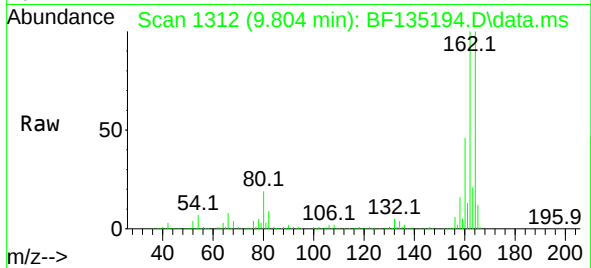
141 91.8 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

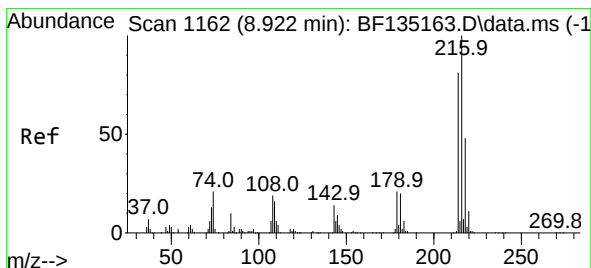
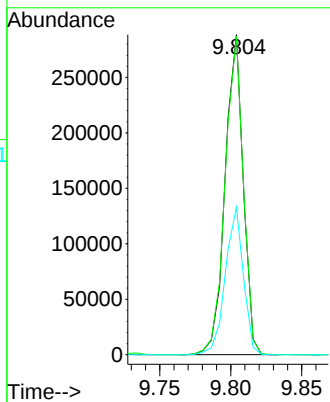
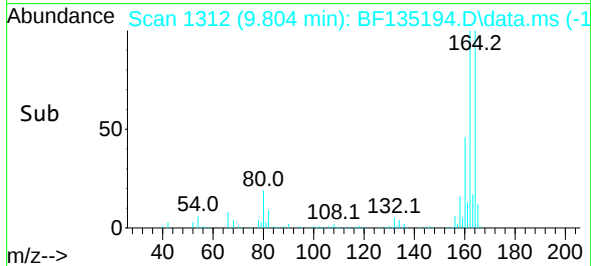
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



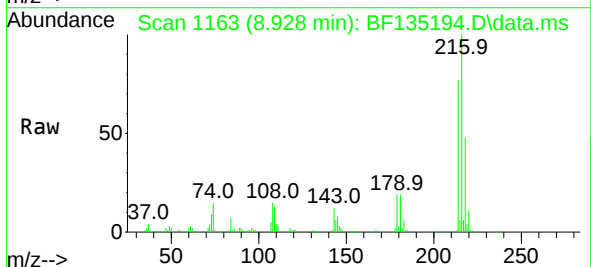
Tgt Ion:164 Resp: 25585
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 46.1 37.0 55.4

Manual Integrations
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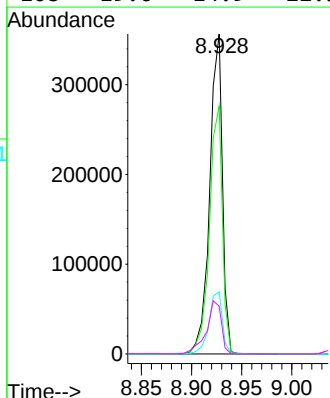
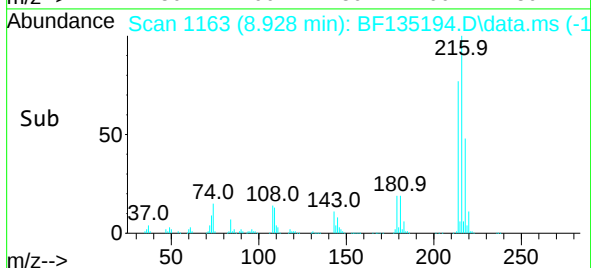
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.482 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



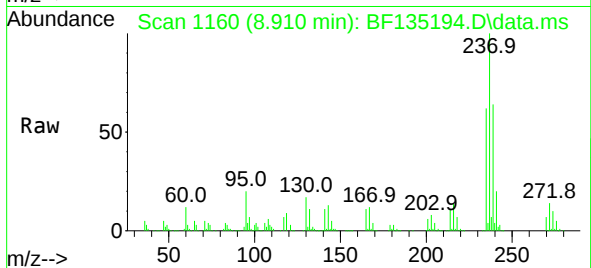
Tgt Ion:216 Resp: 314888
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.5 16.7 25.1
108 19.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 70.381 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

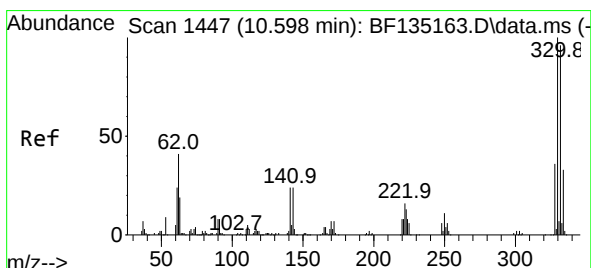
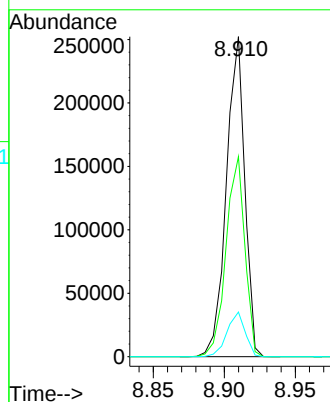
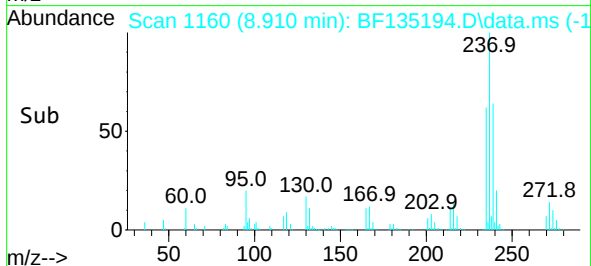
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



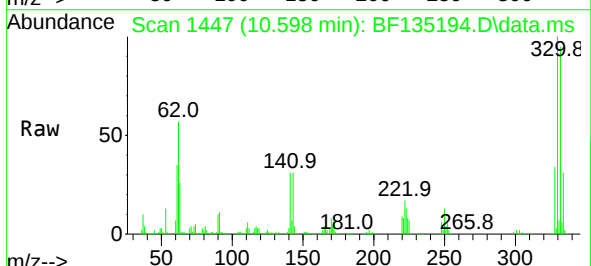
Tgt Ion: 237 Resp: 226679
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 14.0 0.0 33.6

Manual Integrations
APPROVED

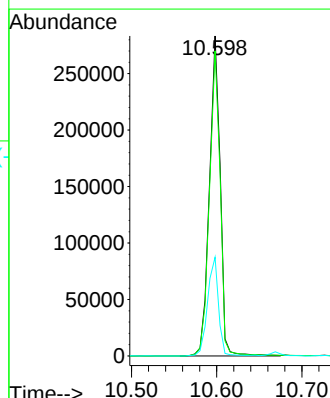
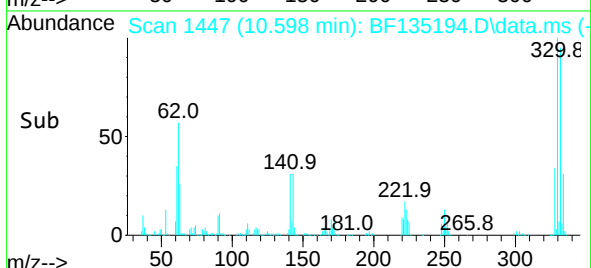
Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/13/2023

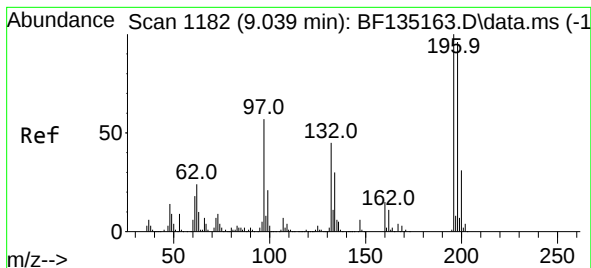


#42
2,4,6-Tribromophenol
Concen: 97.951 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion: 330 Resp: 249049
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 31.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.547 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:196 Resp: 21619

Ion Ratio Lower Upper

196 100

198 95.4 77.0 115.6

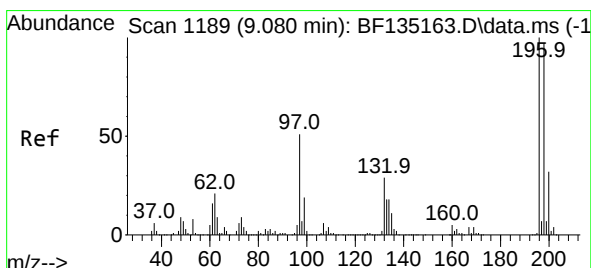
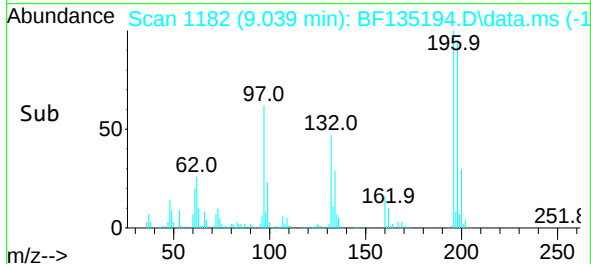
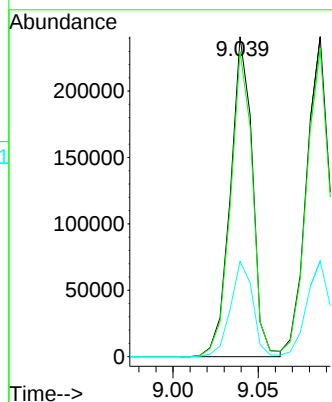
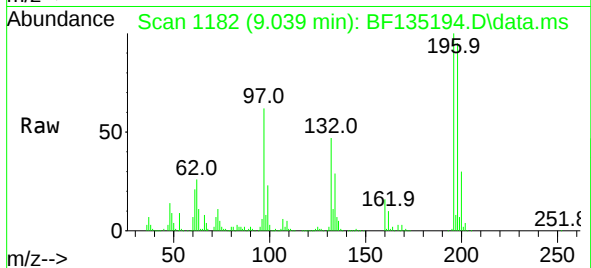
200 29.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#44

2,4,5-Trichlorophenol

Concen: 41.501 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Tgt Ion:196 Resp: 231949

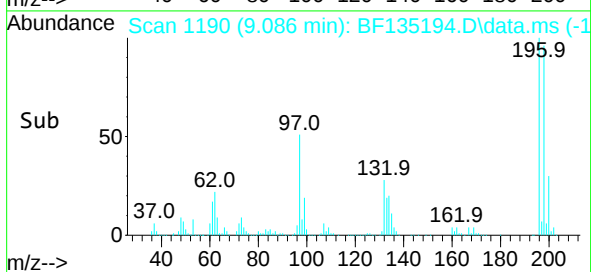
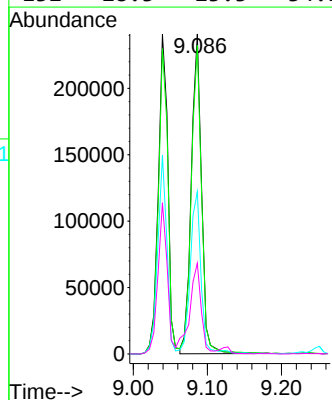
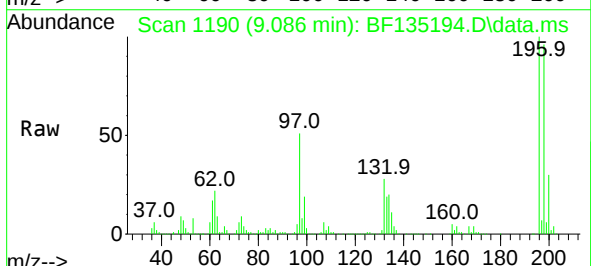
Ion Ratio Lower Upper

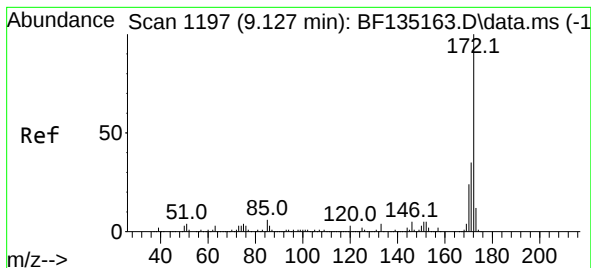
196 100

198 96.4 77.5 116.3

97 50.7 40.5 60.7

132 28.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 62.258 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135194.D

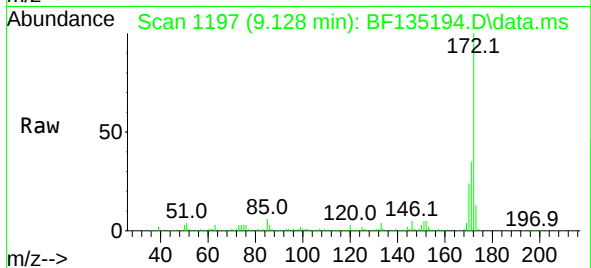
Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD



Tgt Ion:172 Resp: 1055794

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

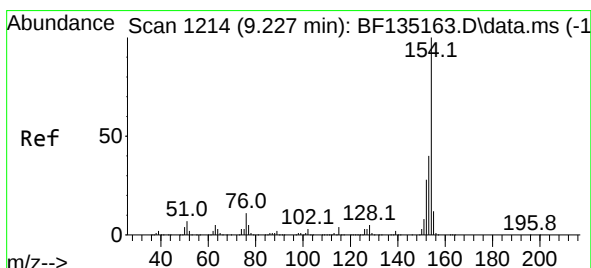
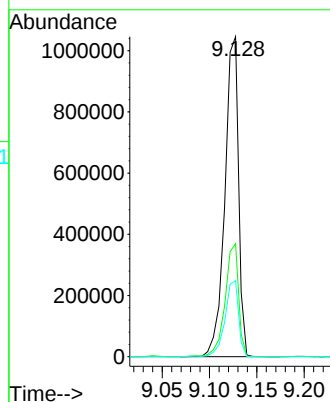
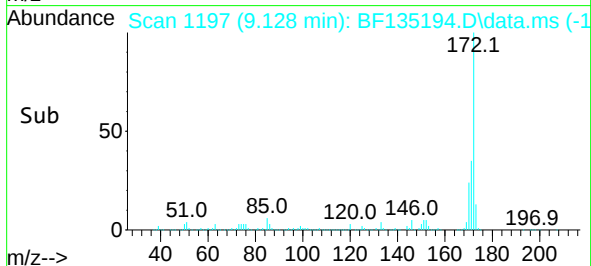
170 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#46

1,1'-Biphenyl

Concen: 42.389 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

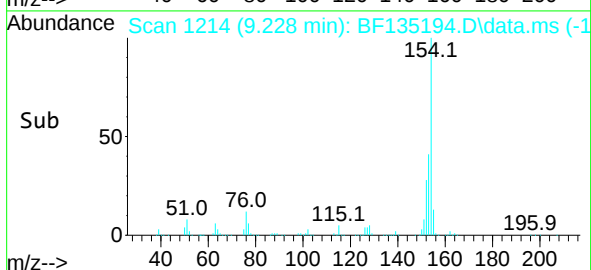
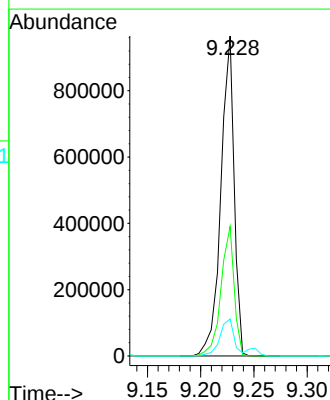
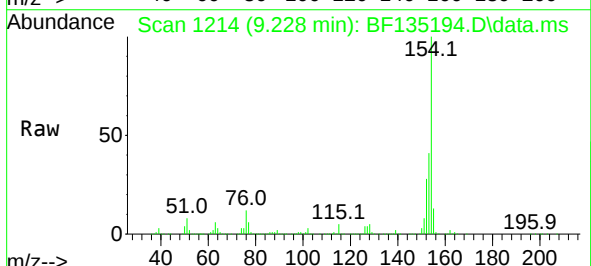
Tgt Ion:154 Resp: 833448

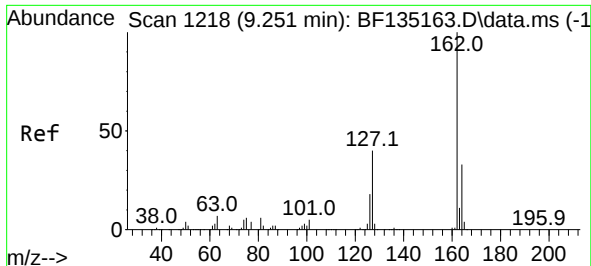
Ion Ratio Lower Upper

154 100

153 40.5 19.6 59.6

76 11.6 0.0 31.0





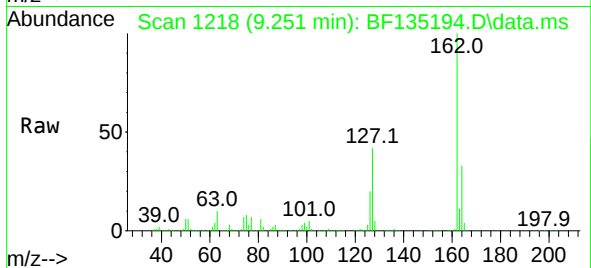
#47
2-Chloronaphthalene
Concen: 43.539 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD



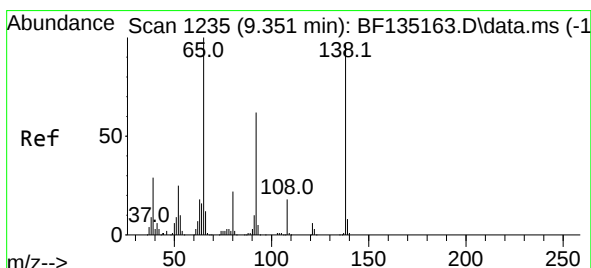
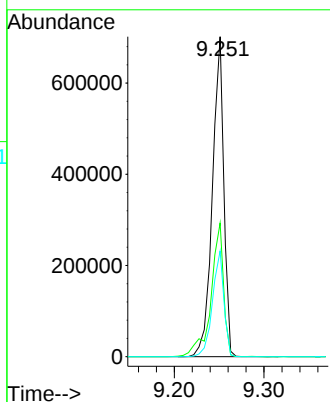
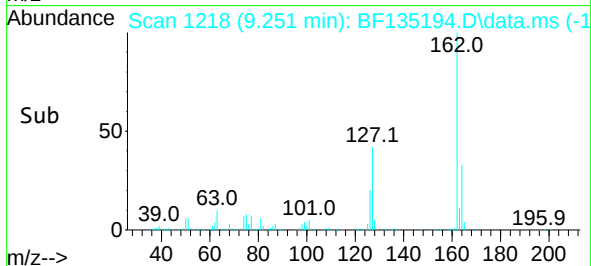
Tgt Ion:162 Resp: 621128
Ion Ratio Lower Upper
162 100
127 41.8 32.6 48.8
164 33.1 26.2 39.2

Manual Integrations

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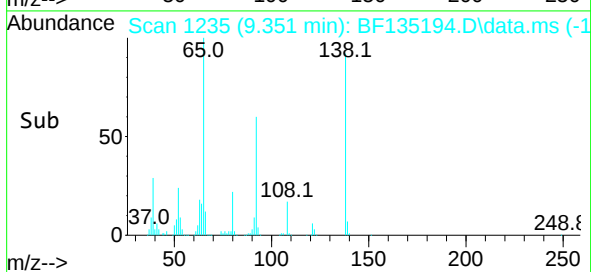
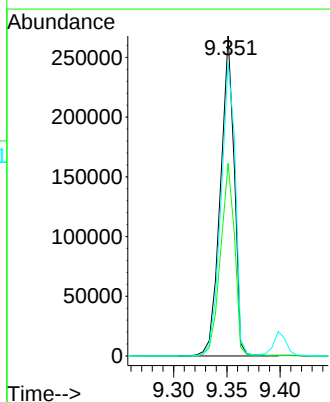
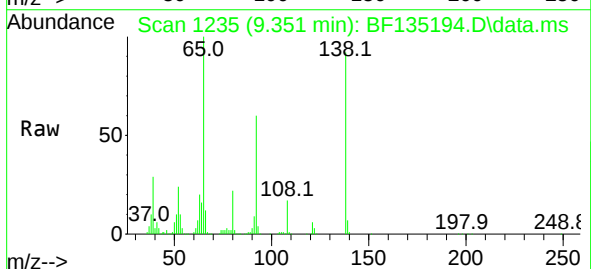
Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#48
2-Nitroaniline
Concen: 43.547 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

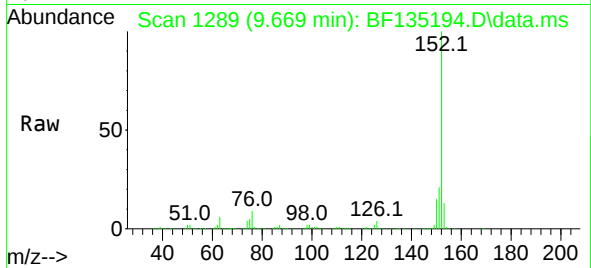
Tgt Ion: 65 Resp: 241349
Ion Ratio Lower Upper
65 100
92 60.1 49.4 74.0
138 91.6 77.4 116.0





#49
Acenaphthylene
Concen: 42.698 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

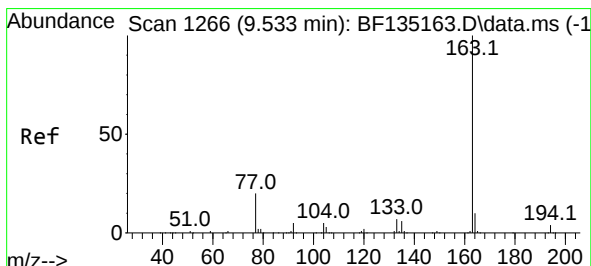
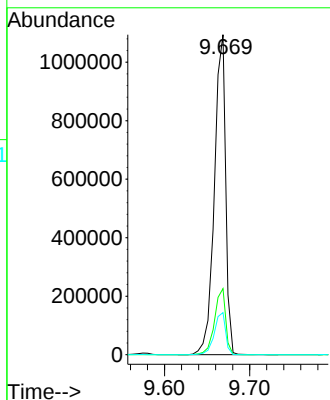
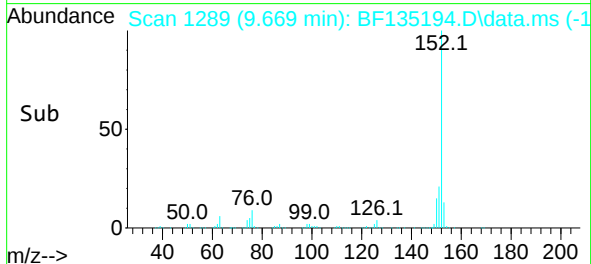
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



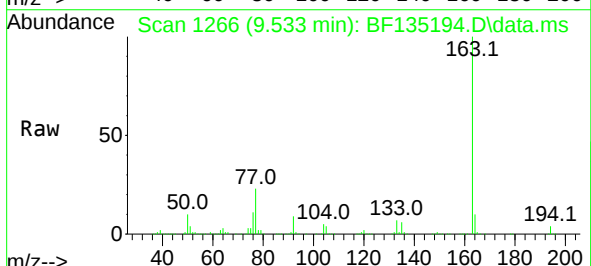
Tgt Ion:152 Resp: 1012329
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.2 10.4 15.6

Manual Integrations
APPROVED

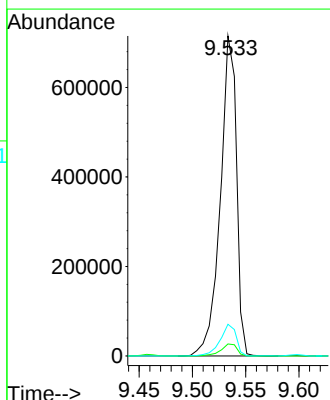
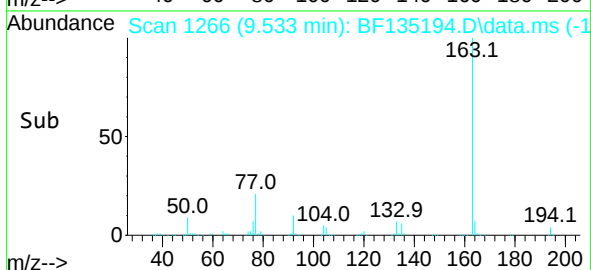
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

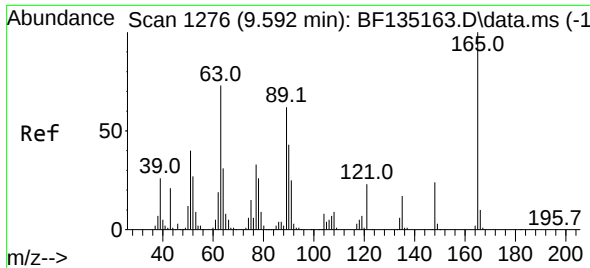


#50
Dimethylphthalate
Concen: 43.494 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



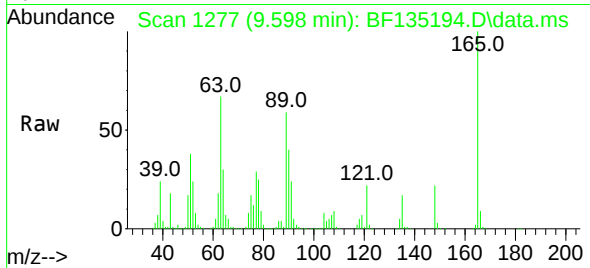
Tgt Ion:163 Resp: 752370
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.137 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

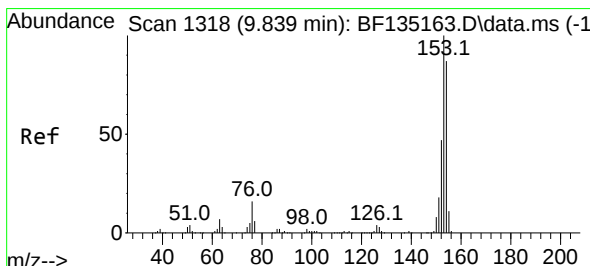
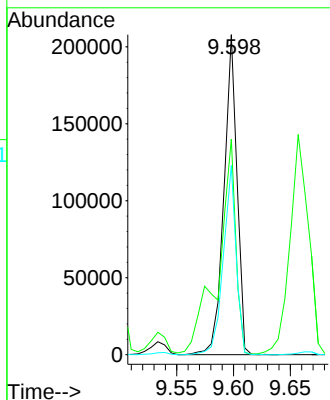
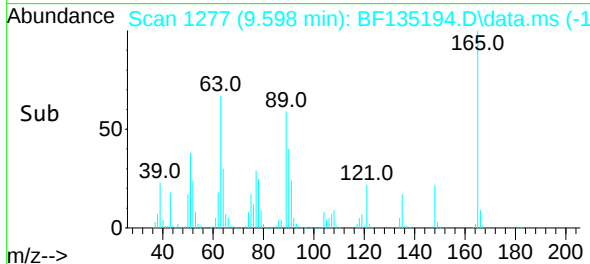
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:165 Resp: 167258
Ion Ratio Lower Upper
165 100
63 67.4 59.4 89.2
89 59.1 49.8 74.8

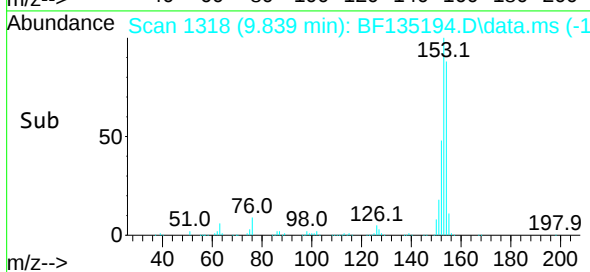
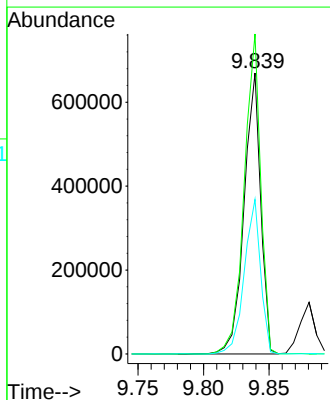
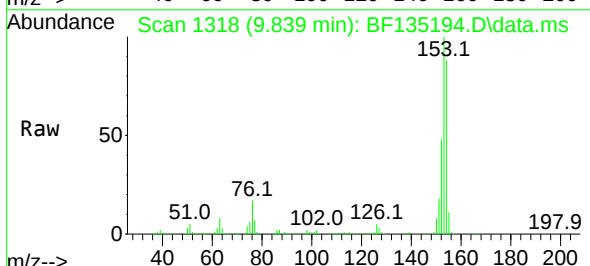
Manual Integrations
APPROVED

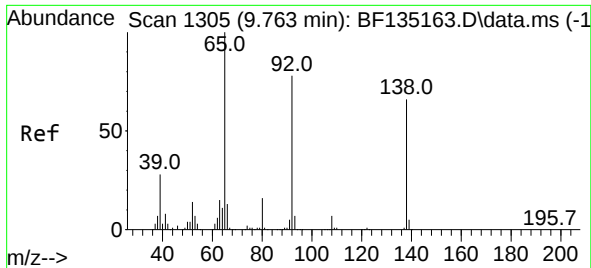
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#52
Acenaphthene
Concen: 42.183 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

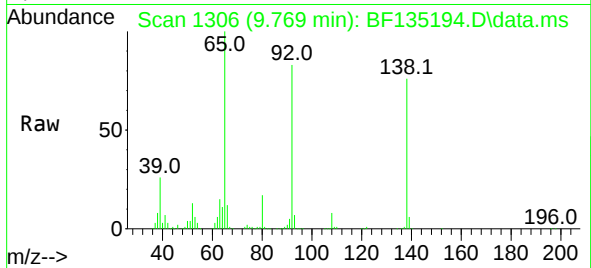
Tgt Ion:154 Resp: 590817
Ion Ratio Lower Upper
154 100
153 113.9 92.1 138.1
152 55.0 43.1 64.7





#53
3-Nitroaniline
Concen: 32.202 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

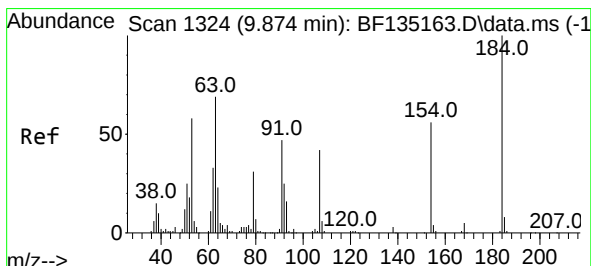
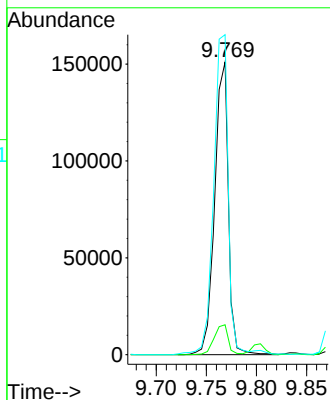
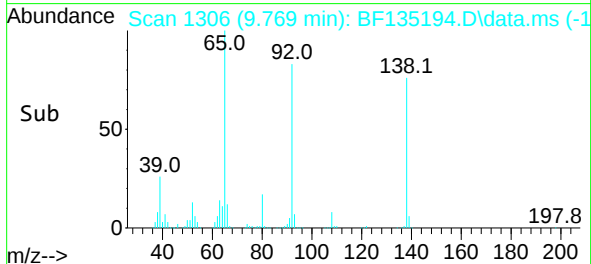
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



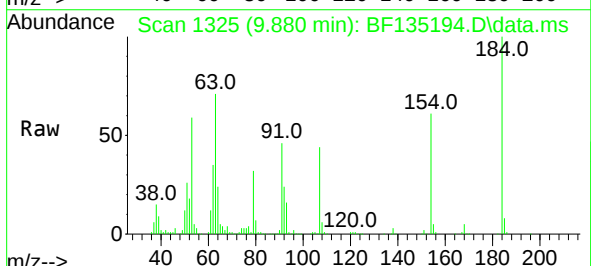
Tgt Ion:138 Resp: 14324
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 109.4 95.4 143.0

Manual Integrations
APPROVED

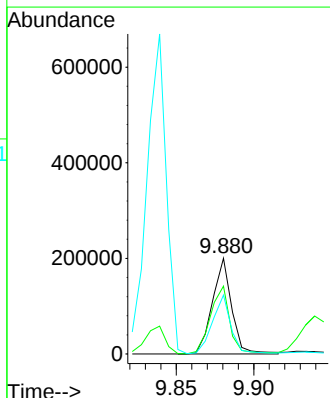
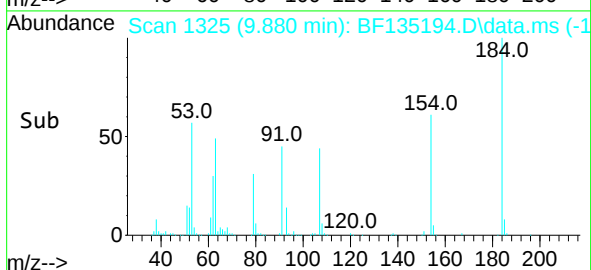
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

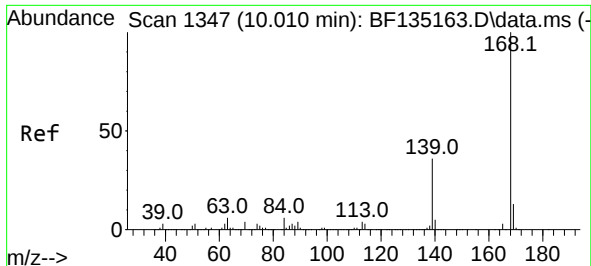


#54
2,4-Dinitrophenol
Concen: 80.342 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



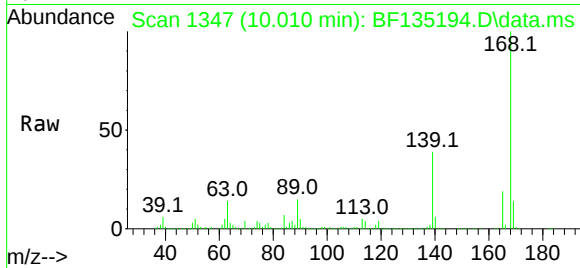
Tgt Ion:184 Resp: 172901
Ion Ratio Lower Upper
184 100
63 70.8 55.1 82.7
154 61.5 48.4 72.6





#55
Dibenzenofuran
Concen: 41.270 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

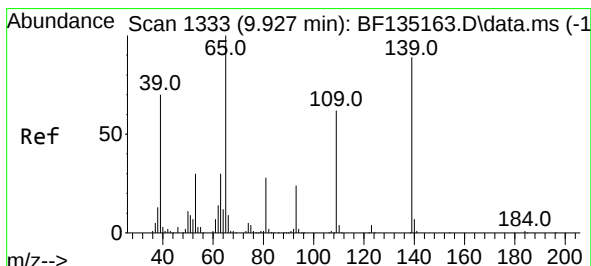
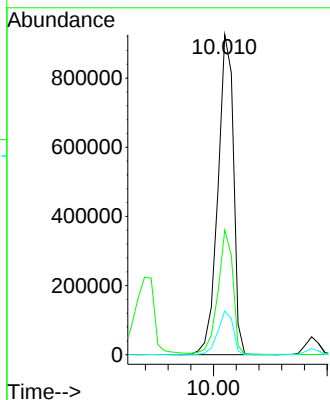
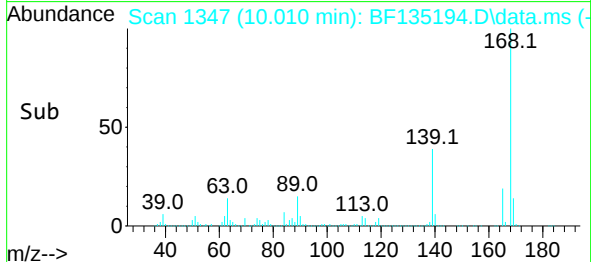
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:168 Resp: 882050
Ion Ratio Lower Upper
168 100
139 38.9 29.0 43.6
169 13.7 10.4 15.6

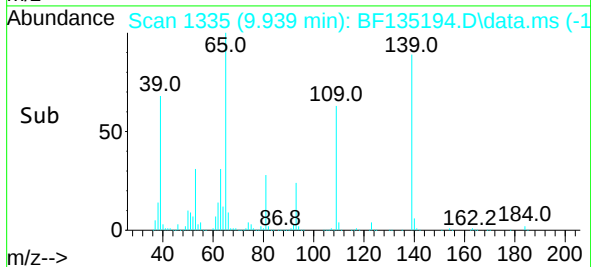
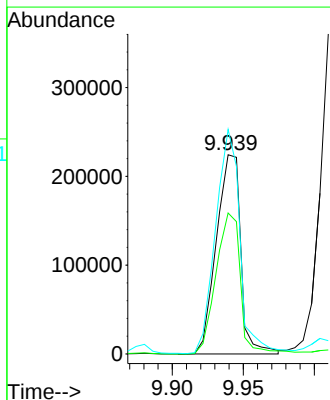
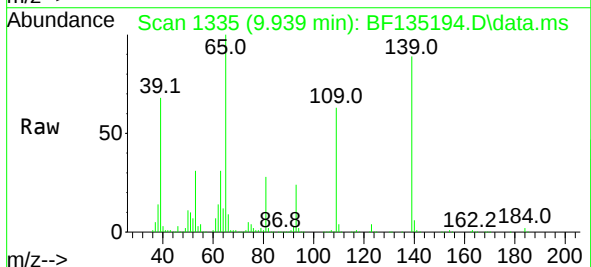
Manual Integrations
APPROVED

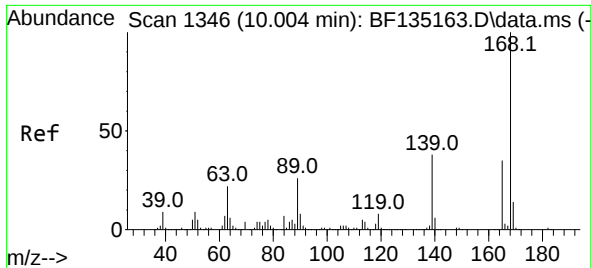
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#56
4-Nitrophenol
Concen: 94.819 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:139 Resp: 268061
Ion Ratio Lower Upper
139 100
109 70.8 49.8 89.8
65 112.7 92.7 132.7





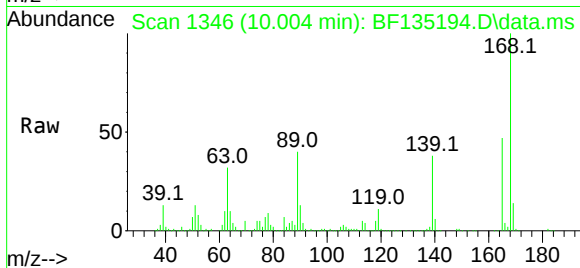
#57
2,4-Dinitrotoluene
Concen: 43.426 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD



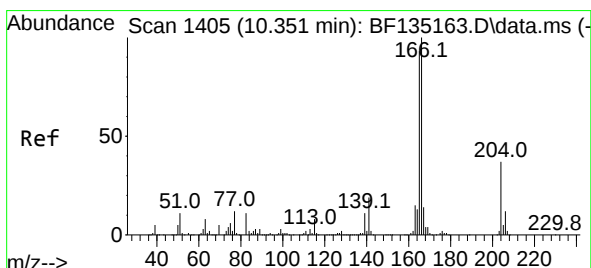
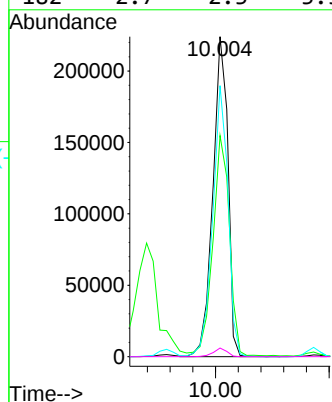
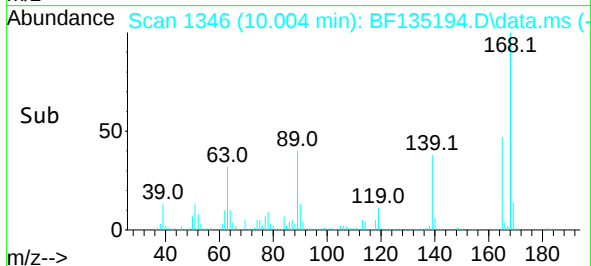
Tgt Ion:165 Resp: 206018
Ion Ratio Lower Upper
165 100
63 69.1 50.1 75.1
89 84.7 59.3 88.9
182 2.7 2.3 3.5

Manual Integrations

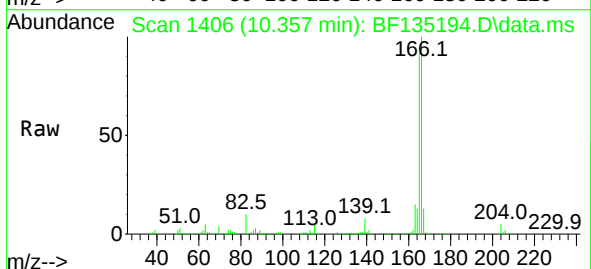
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

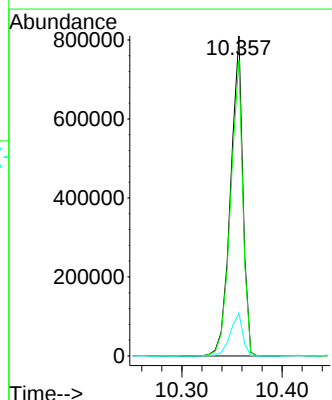
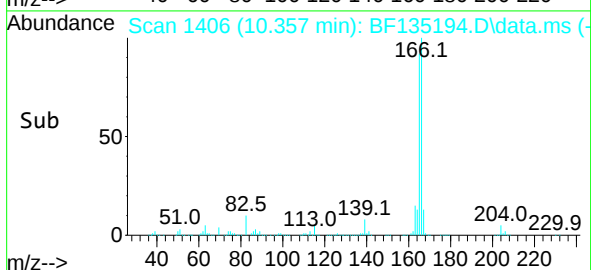
Supervised By :mohammad ahmed 09/13/2023

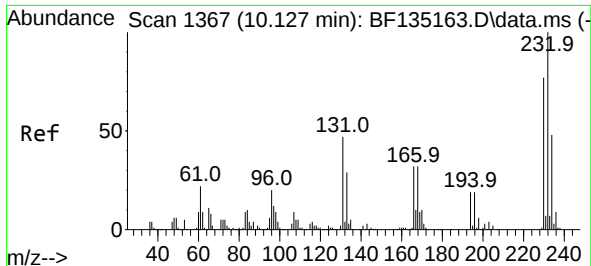


#58
Fluorene
Concen: 41.751 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



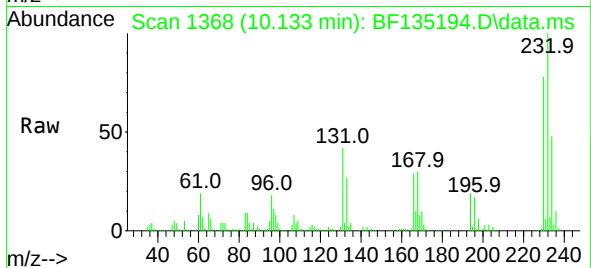
Tgt Ion:166 Resp: 685993
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.378 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

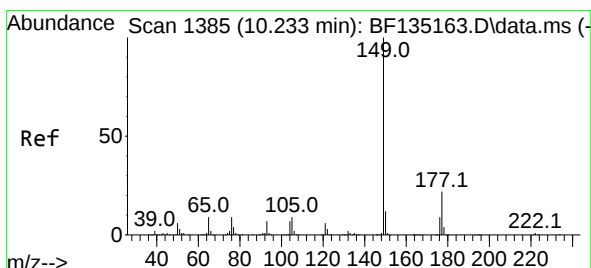
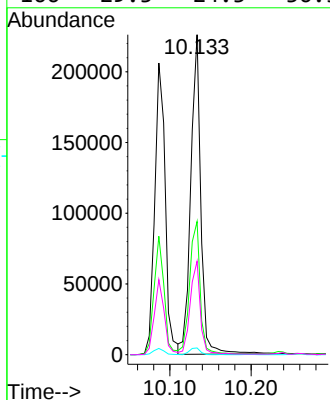
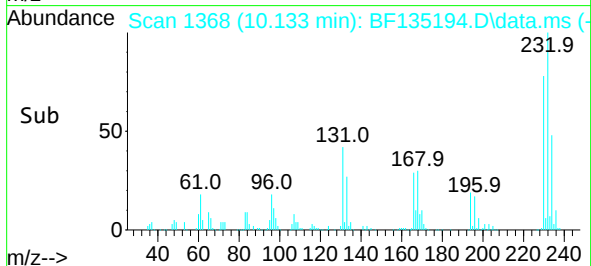
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:232 Resp: 195091
Ion Ratio Lower Upper
232 100
131 43.8 35.4 53.2
130 2.2 1.8 2.8
166 29.3 24.3 36.5

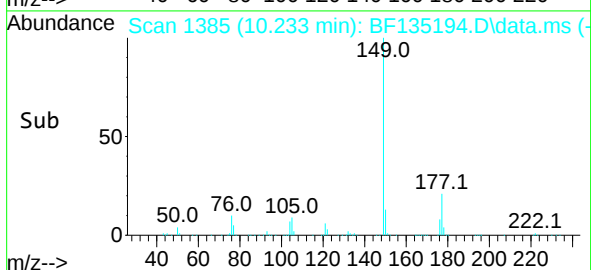
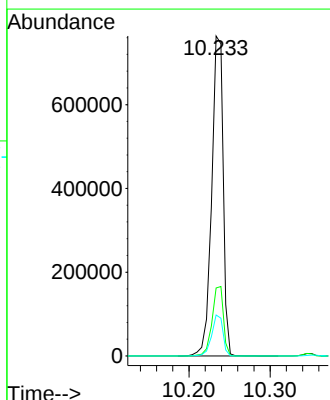
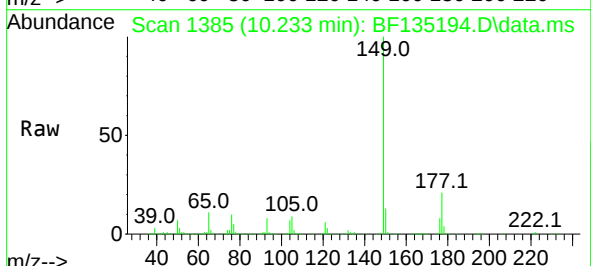
Manual Integrations
APPROVED

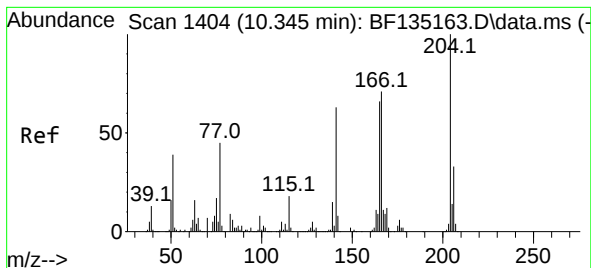
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#60
Diethylphthalate
Concen: 42.990 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

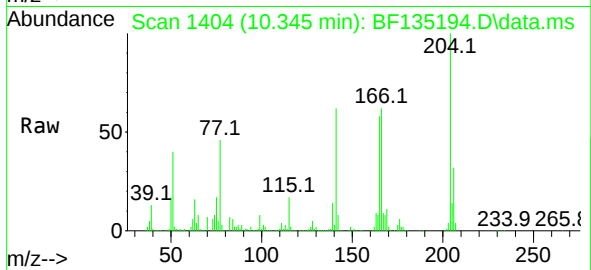
Tgt Ion:149 Resp: 746325
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.093 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

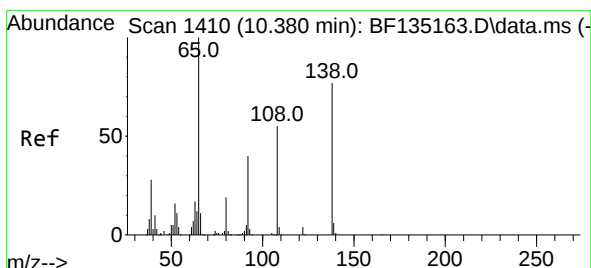
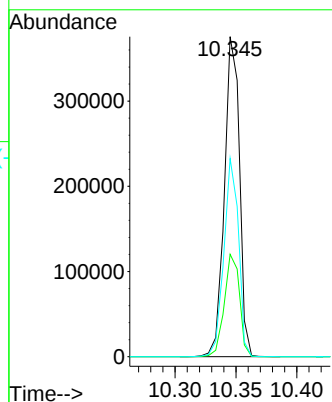
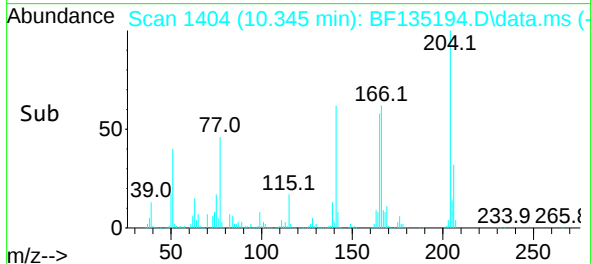
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:204 Resp: 324338
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 62.0 50.6 75.8

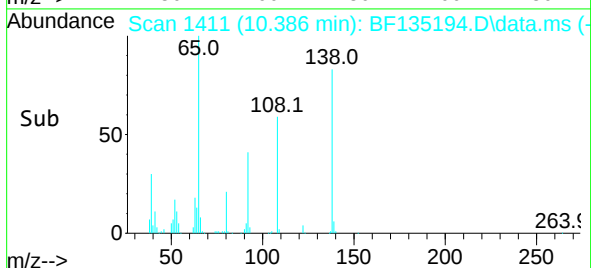
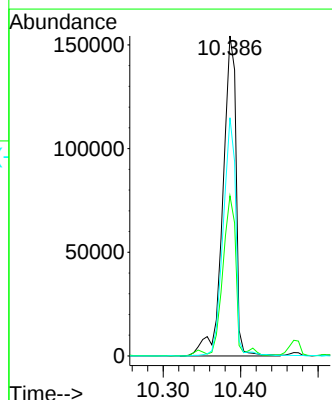
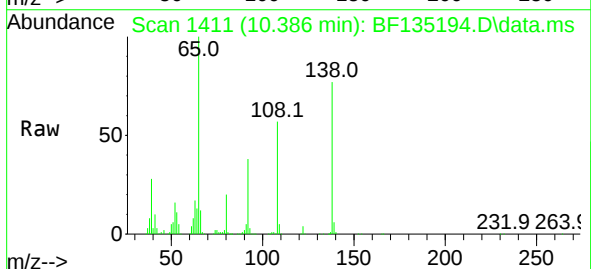
Manual Integrations
APPROVED

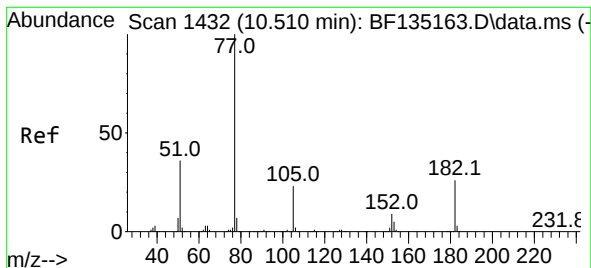
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#62
4-Nitroaniline
Concen: 43.258 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

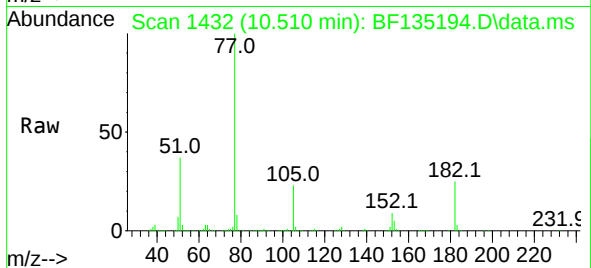
Tgt Ion:138 Resp: 184963
Ion Ratio Lower Upper
138 100
92 50.1 31.8 71.8
108 74.4 52.0 92.0





#63
Azobenzene
Concen: 42.154 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

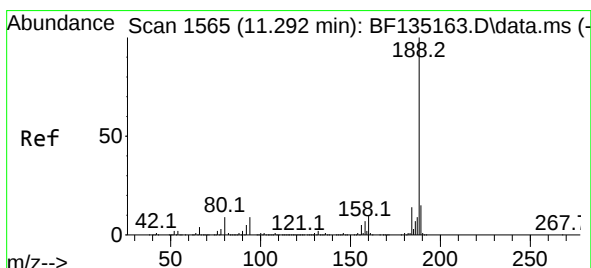
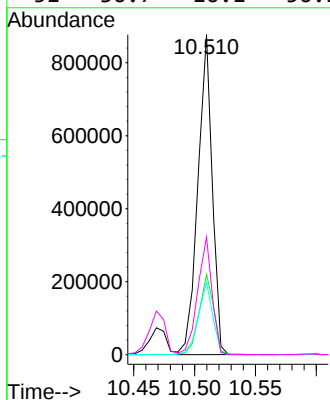
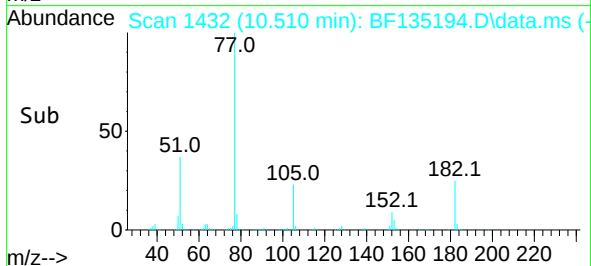
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



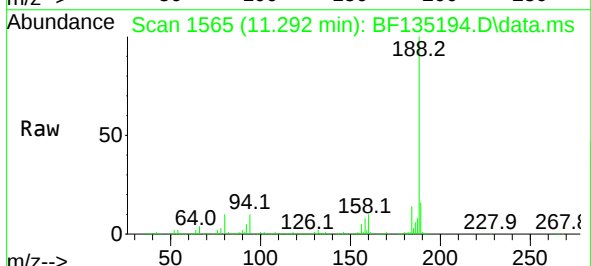
Tgt Ion: 77 Resp: 716224
Ion Ratio Lower Upper
77 100
182 25.1 6.4 46.4
105 22.7 3.1 43.1
51 36.7 16.1 56.1

Manual Integrations
APPROVED

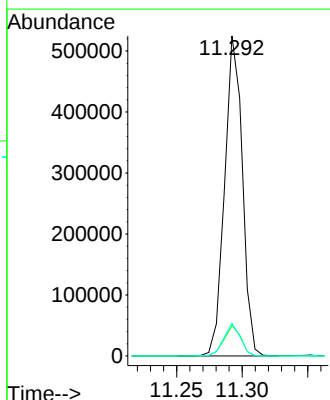
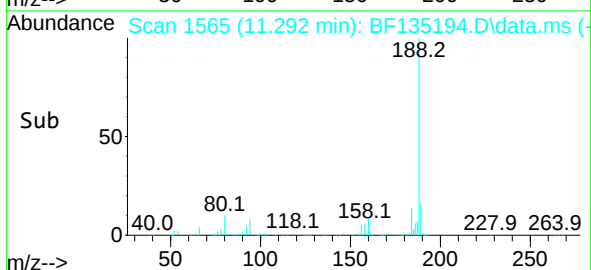
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

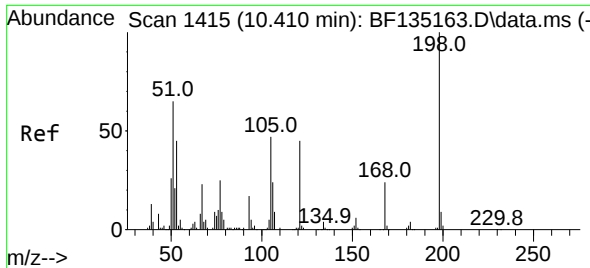


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion:188 Resp: 493045
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.5 11.3





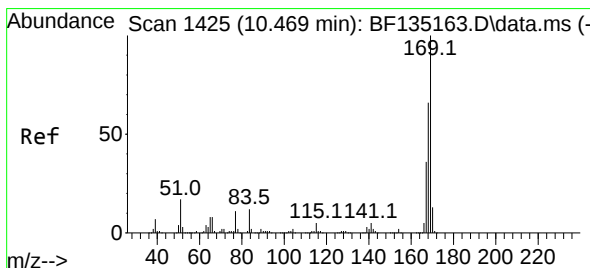
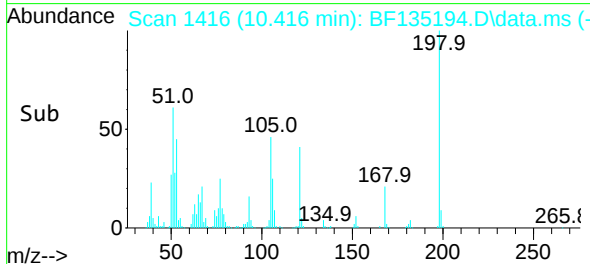
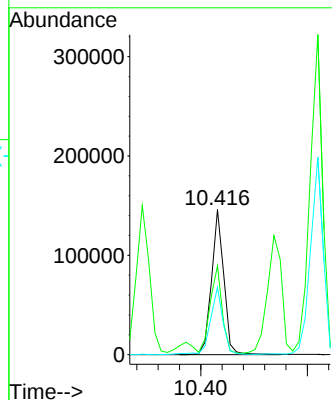
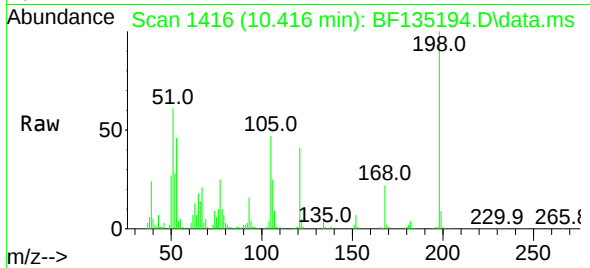
#65
4,6-Dinitro-2-methylphenol
Concen: 44.675 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion:198 Resp: 11699
Ion Ratio Lower Upper
198 100
51 61.2 47.7 87.7
105 46.5 27.4 67.4

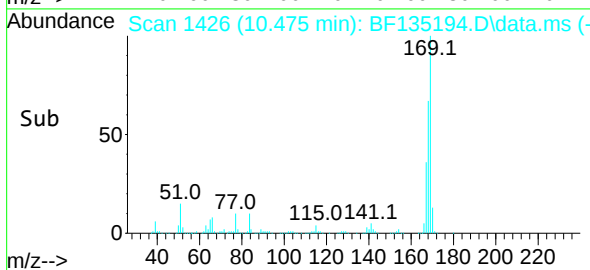
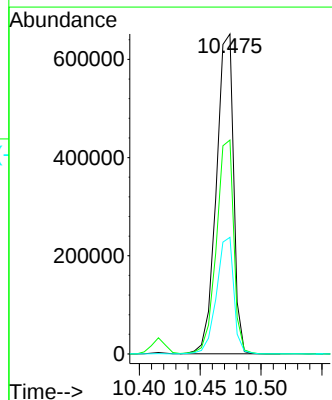
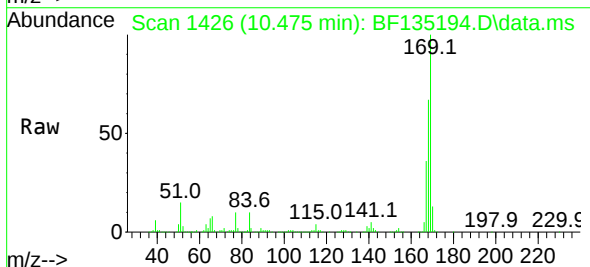
Manual Integrations
APPROVED

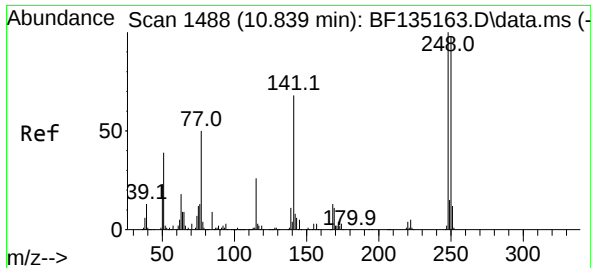
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 43.068 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

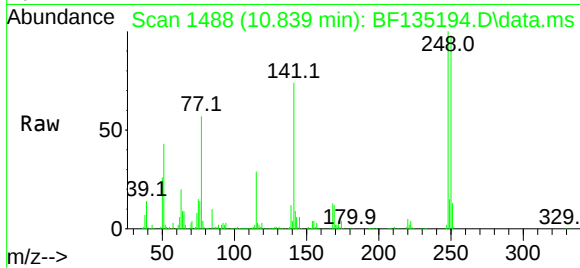
Tgt Ion:169 Resp: 642869
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 42.397 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

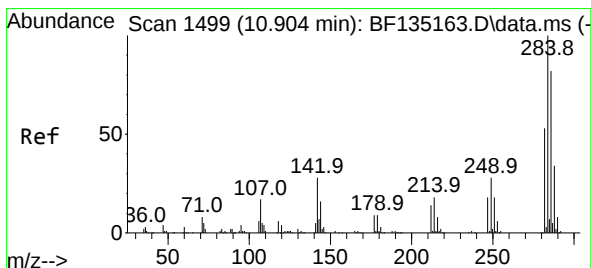
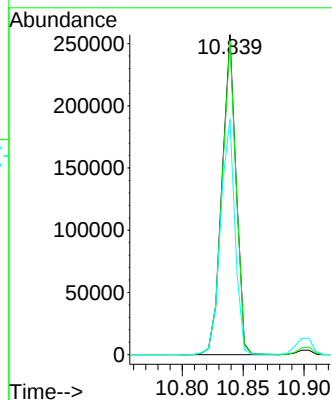
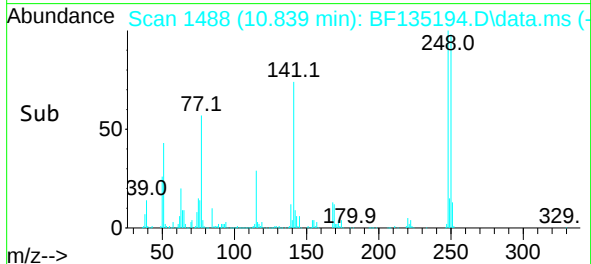
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



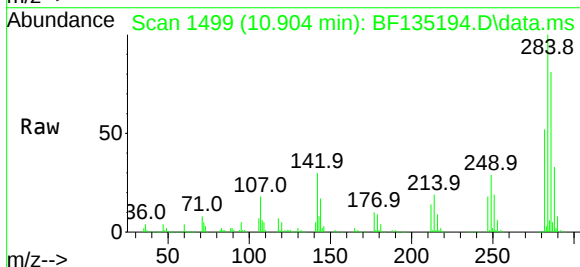
Tgt Ion:248 Resp: 20790
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 73.5 54.2 81.2

Manual Integrations
APPROVED

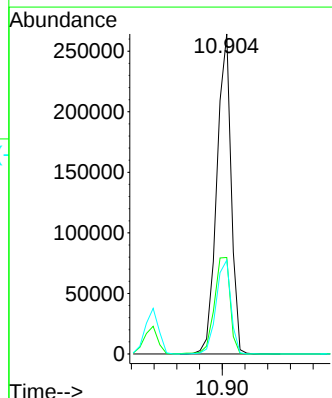
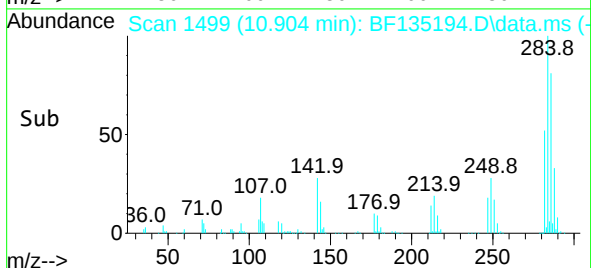
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

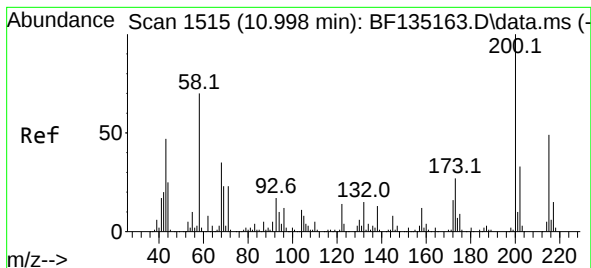


#68
Hexachlorobenzene
Concen: 46.225 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion:284 Resp: 230927
Ion Ratio Lower Upper
284 100
142 30.2 22.2 33.4
249 29.3 22.5 33.7





#69

Atrazine

Concen: 50.597 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135194.D

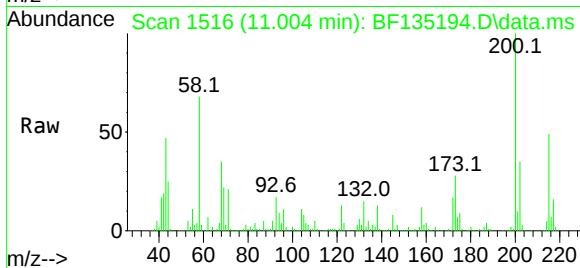
Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD



Tgt Ion:200 Resp: 203210

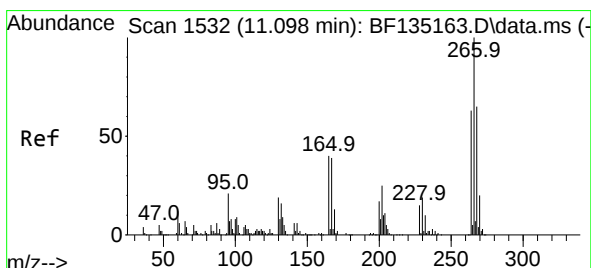
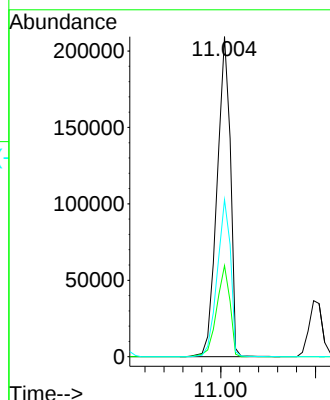
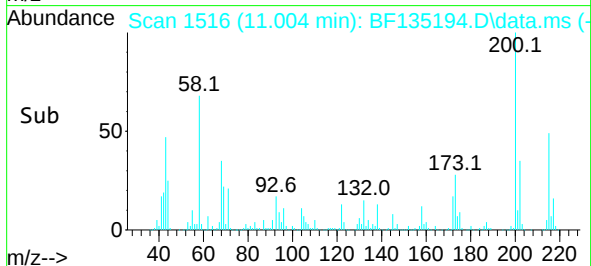
Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	49.0	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 71.964 ng

RT: 11.104 min Scan# 1533

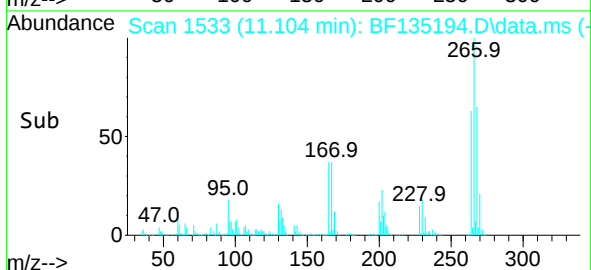
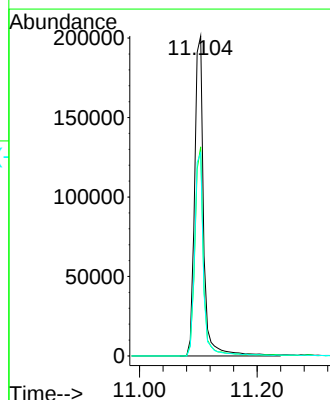
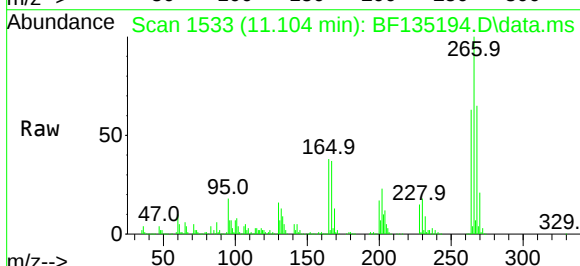
Delta R.T. 0.006 min

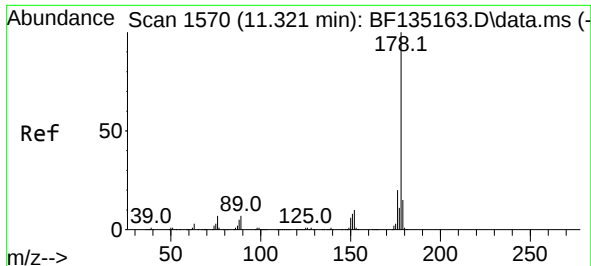
Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Tgt Ion:266 Resp: 215098

Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.1	78.1
264	63.5	50.8	76.2





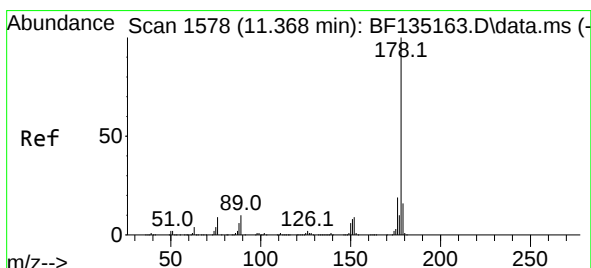
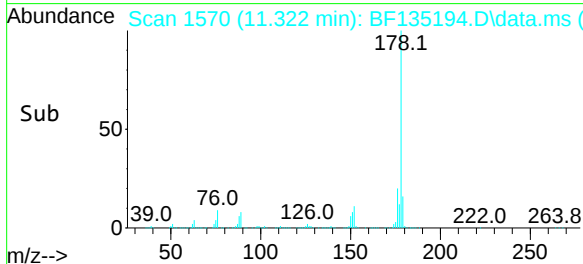
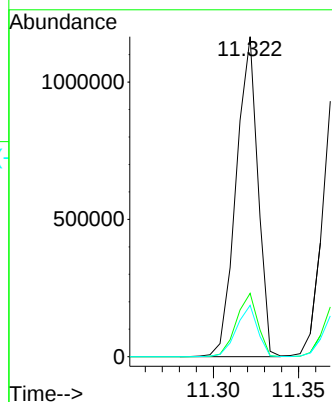
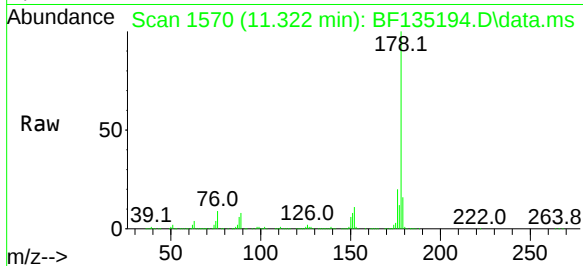
#71
Phenanthrene
Concen: 44.455 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion:178 Resp: 103664
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.1 12.0 18.0

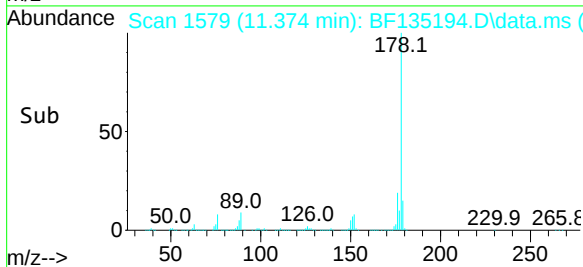
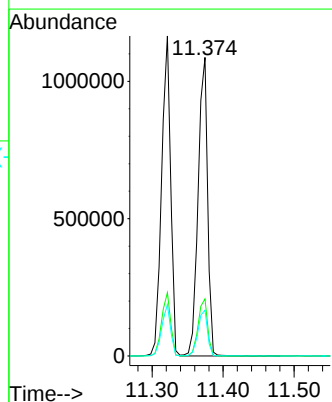
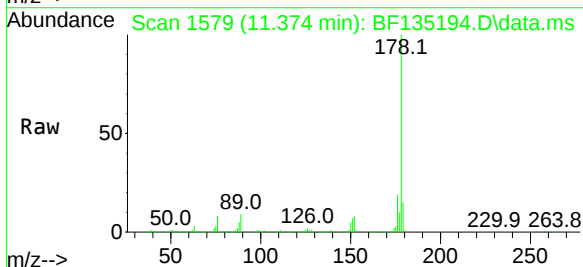
Manual Integrations
APPROVED

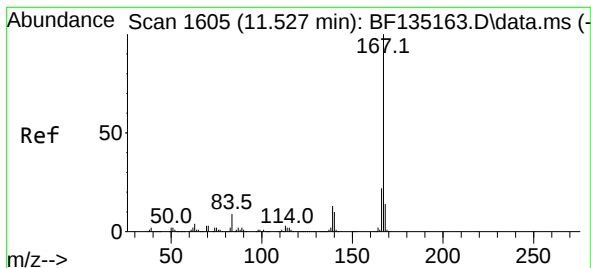
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#72
Anthracene
Concen: 42.222 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:178 Resp: 1012035
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 43.943 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135194.D

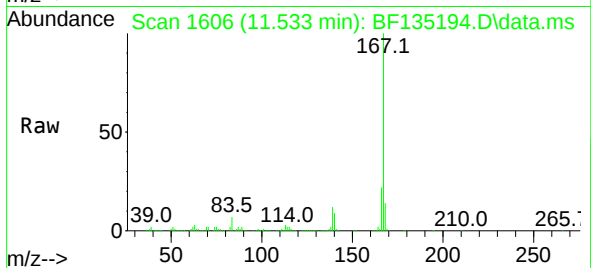
Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD



Tgt Ion:167 Resp: 958818

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

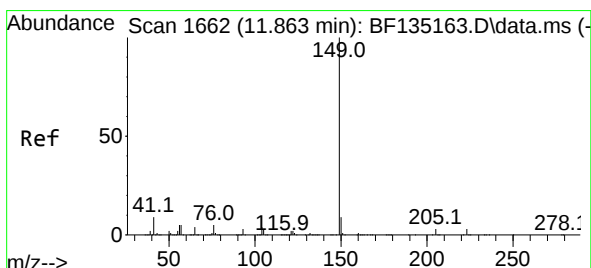
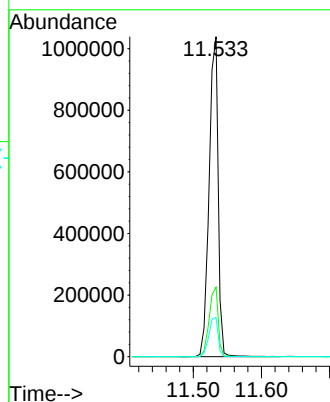
139 12.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#74

Di-n-butylphthalate

Concen: 45.026 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

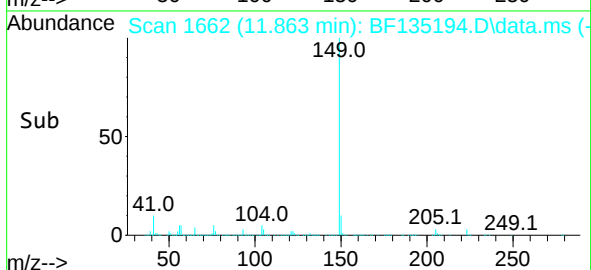
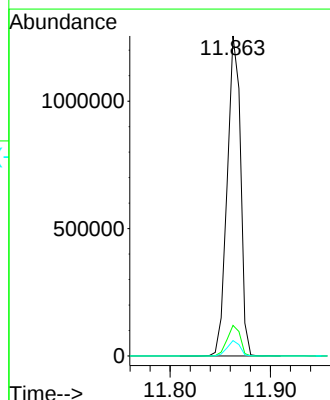
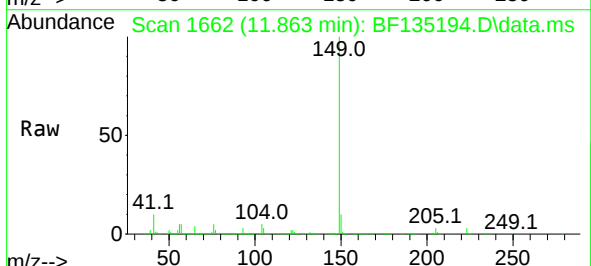
Tgt Ion:149 Resp: 1157674

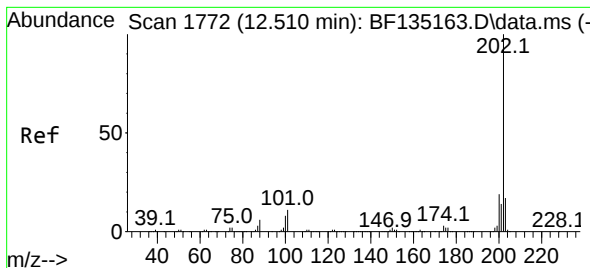
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

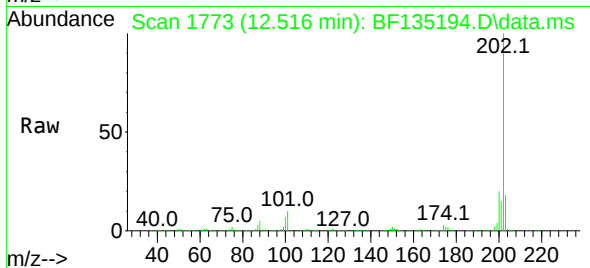
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 45.139 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

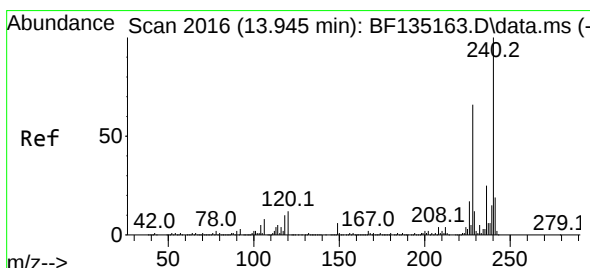
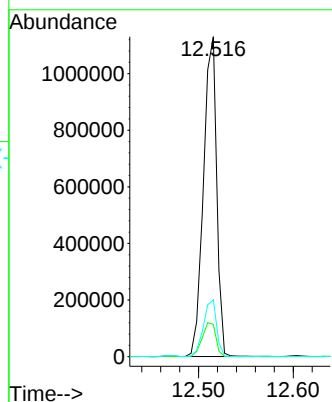
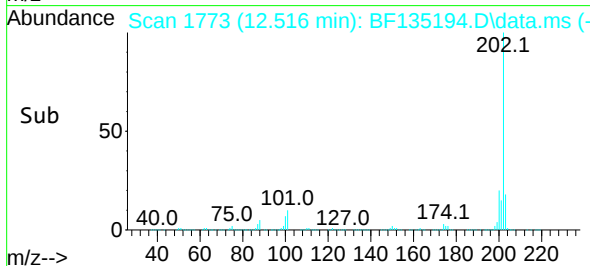
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:202 Resp: 109678
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.3
203 17.8 0.0 37.4

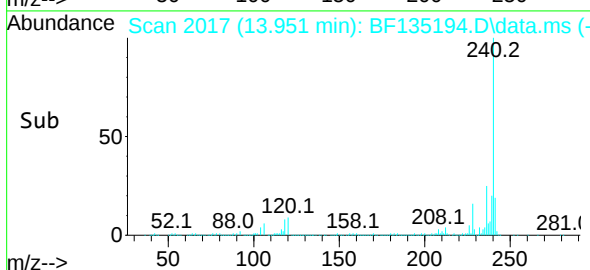
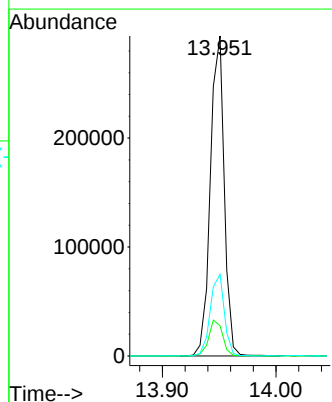
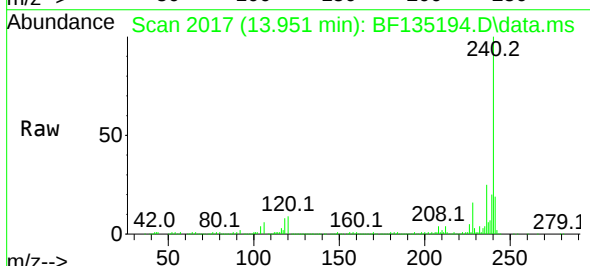
Manual Integrations
APPROVED

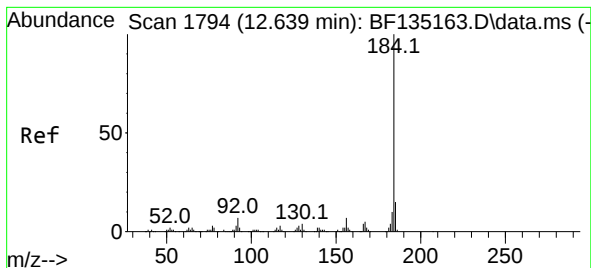
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:240 Resp: 248870
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.2#
236 25.5 19.8 29.8





#77

Benzidine

Concen: 43.702 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:184 Resp: 222818

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

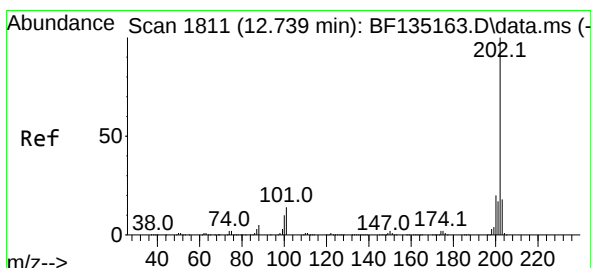
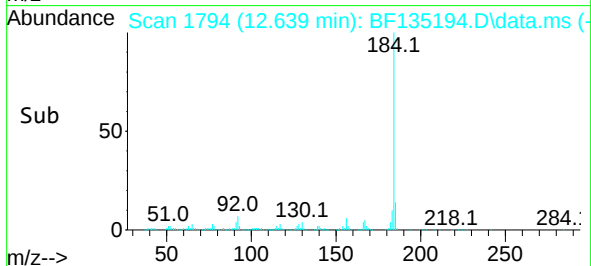
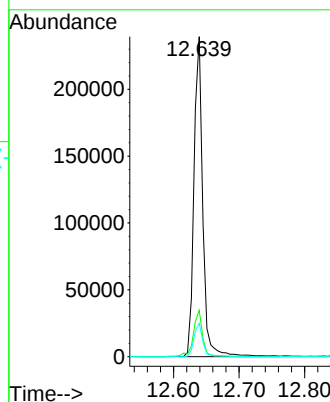
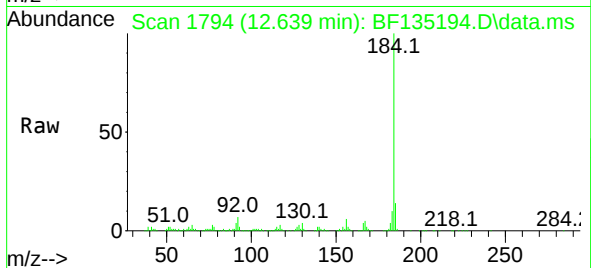
183 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#78

Pyrene

Concen: 45.759 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

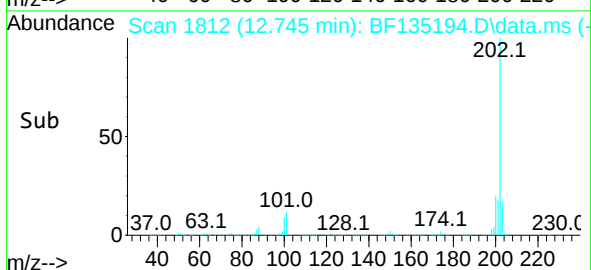
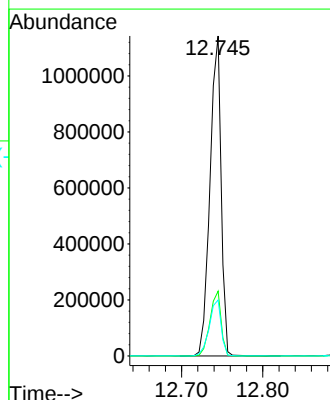
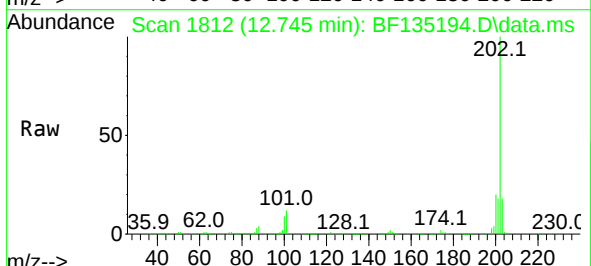
Tgt Ion:202 Resp: 1084234

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 64.641 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:244 Resp: 103776

Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

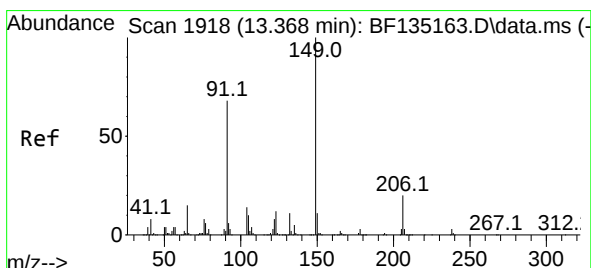
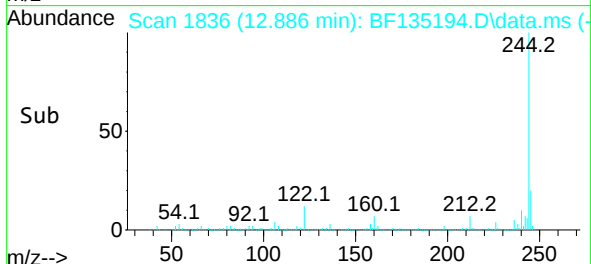
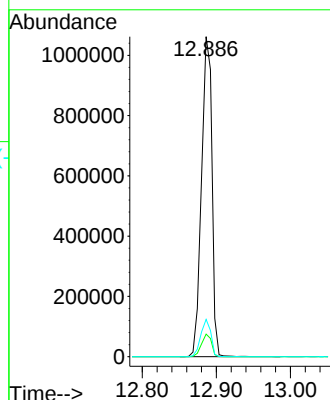
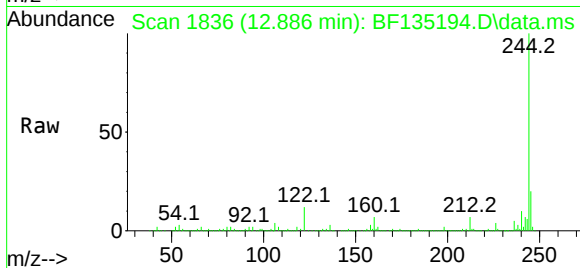
122 11.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#80

Butylbenzylphthalate

Concen: 49.936 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

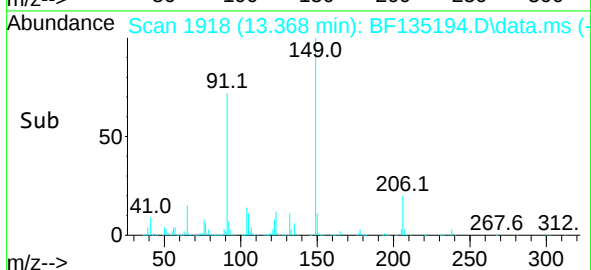
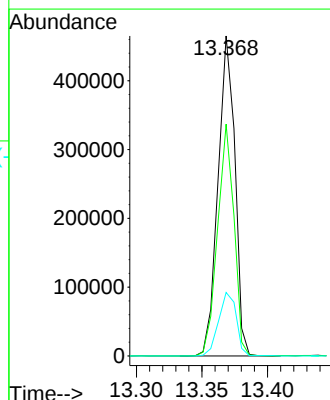
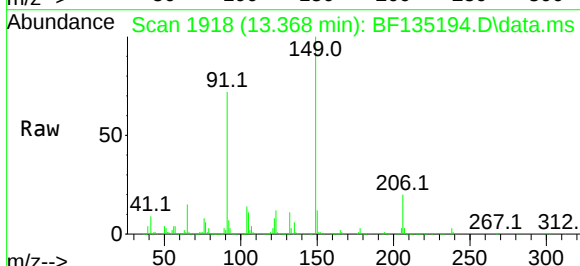
Tgt Ion:149 Resp: 416587

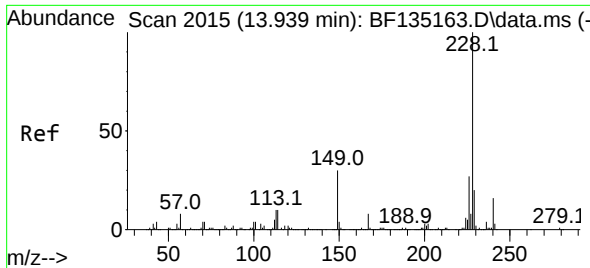
Ion Ratio Lower Upper

149 100

91 72.5 54.7 82.1

206 19.8 16.3 24.5





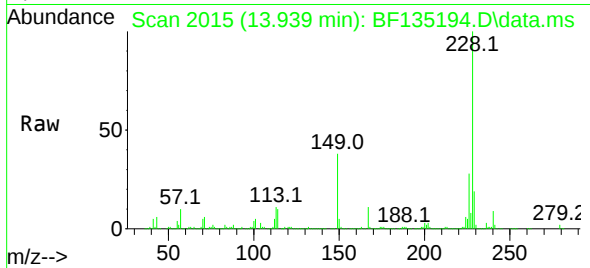
#81
Benzo(a)anthracene
Concen: 43.728 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

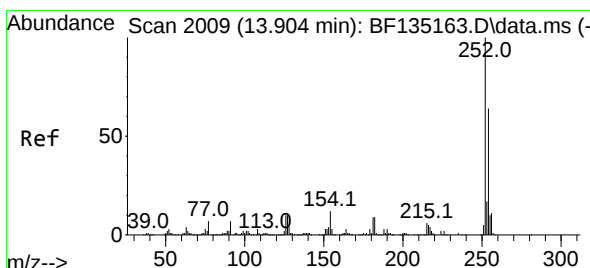
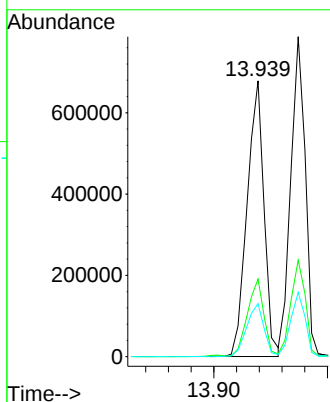
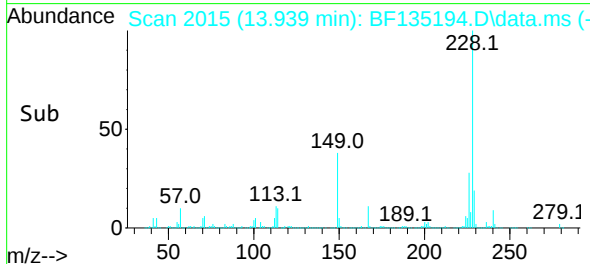


Tgt Ion:228 Resp: 70272
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.3 15.8 23.8

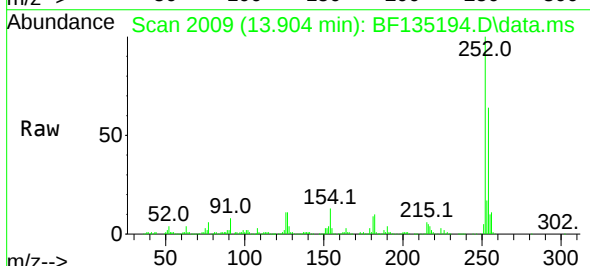
Manual Integrations

APPROVED

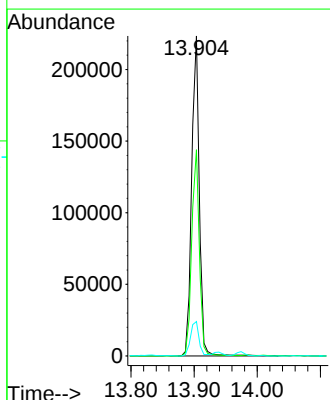
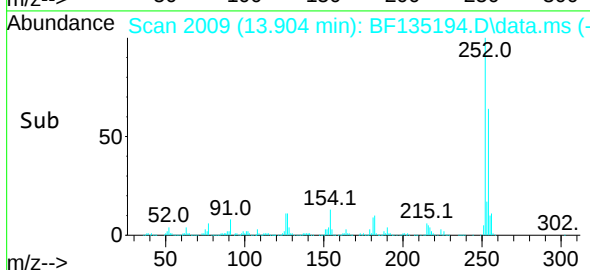
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

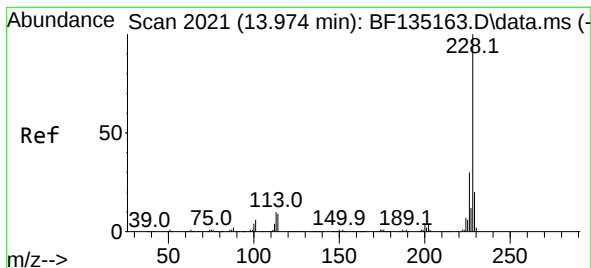


#82
3,3'-Dichlorobenzidine
Concen: 37.405 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion:252 Resp: 187759
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 10.8 7.8 11.8





#83

Chrysene

Concen: 43.679 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:228 Resp: 697880

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

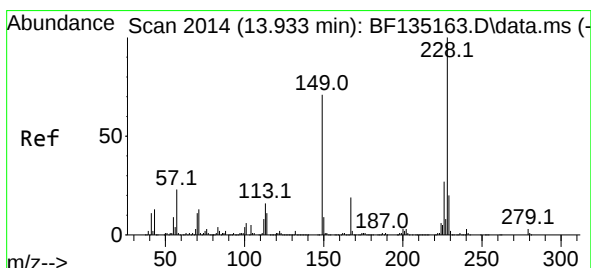
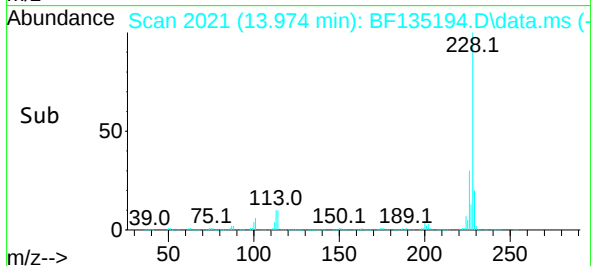
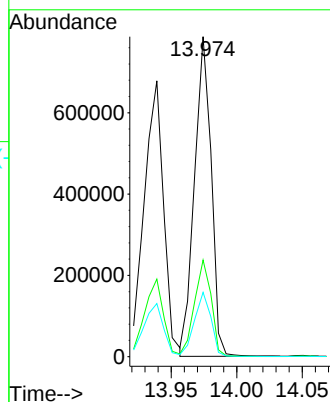
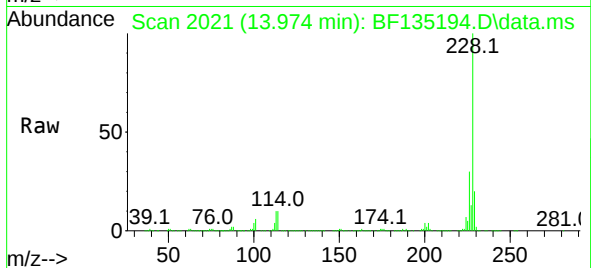
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.990 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

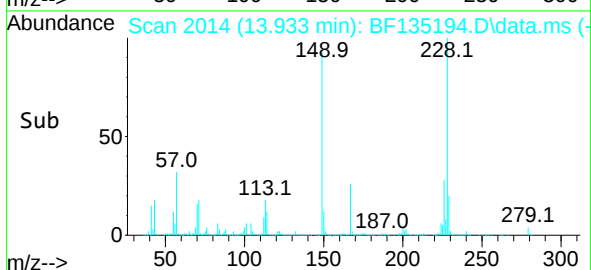
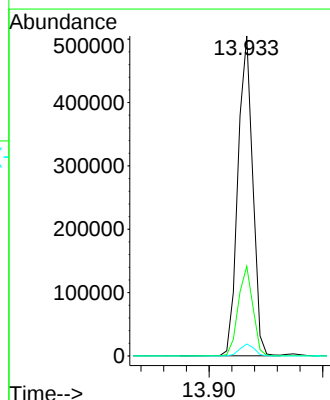
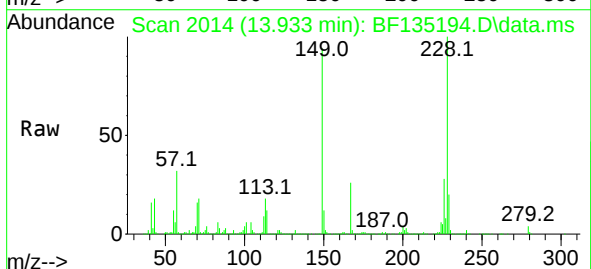
Tgt Ion:149 Resp: 453635

Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

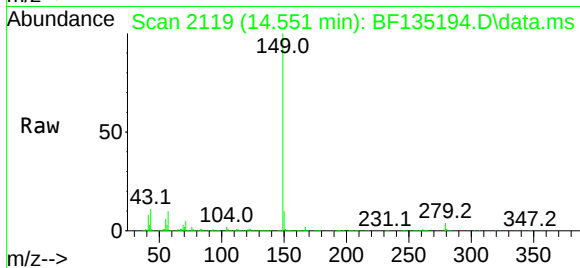
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 50.947 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

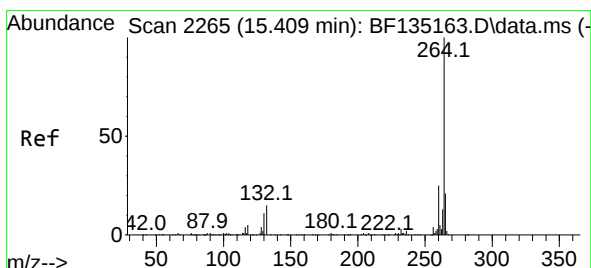
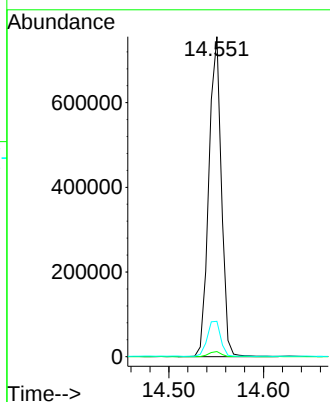
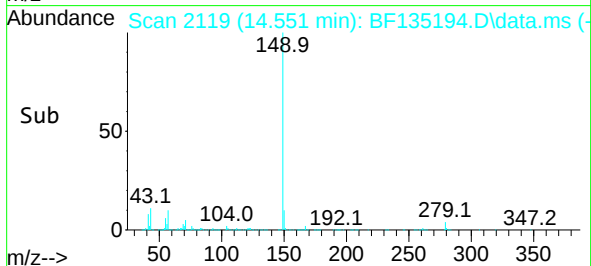
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:149 Resp: 69312
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.8 9.8 14.6

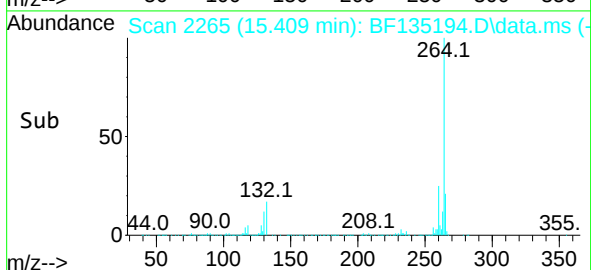
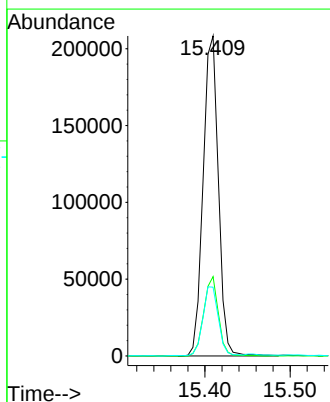
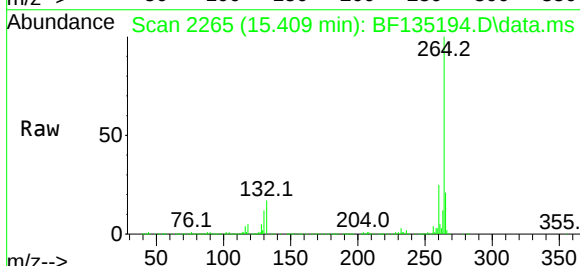
Manual Integrations
APPROVED

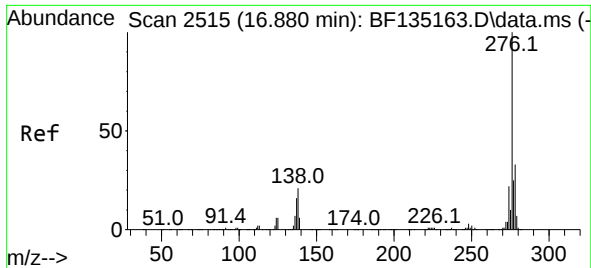
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

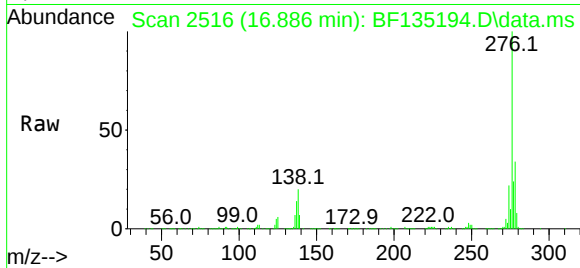
Tgt Ion:264 Resp: 259456
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.683 ng
RT: 16.886 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

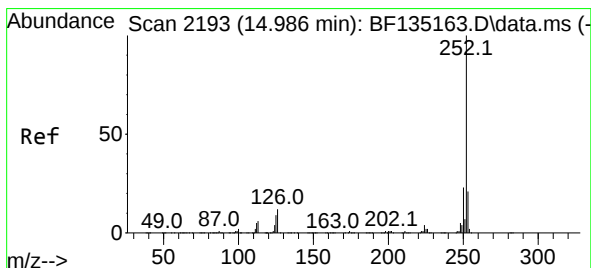
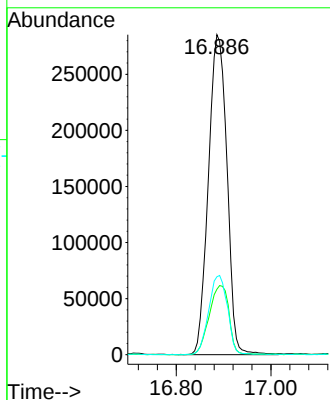
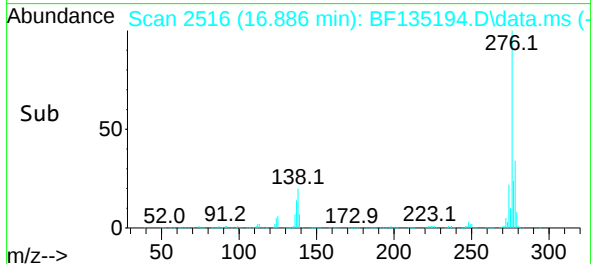
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:276 Resp: 777150
Ion Ratio Lower Upper
276 100
138 23.1 19.2 28.8
277 25.0 19.7 29.5

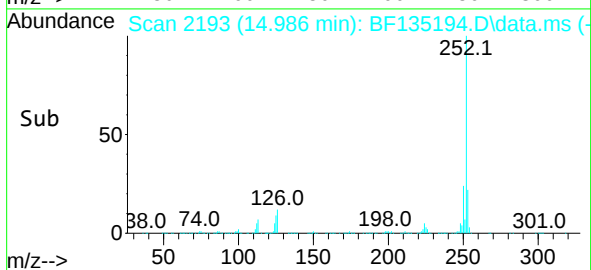
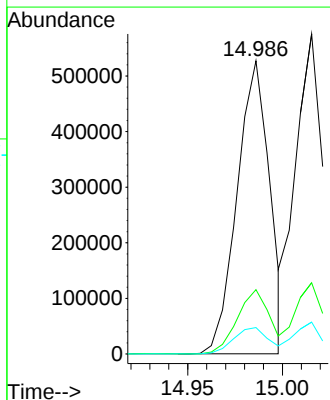
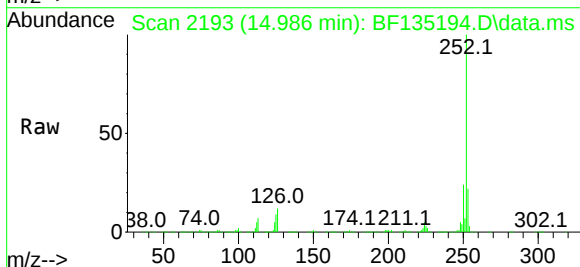
Manual Integrations
APPROVED

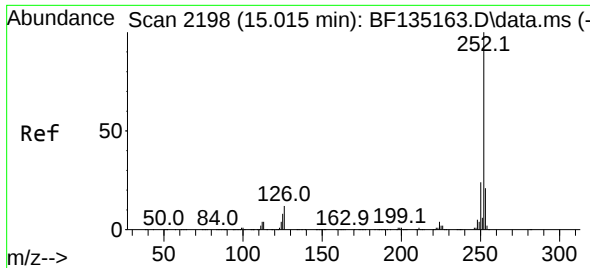
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#88
Benzo(b)fluoranthene
Concen: 44.958 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

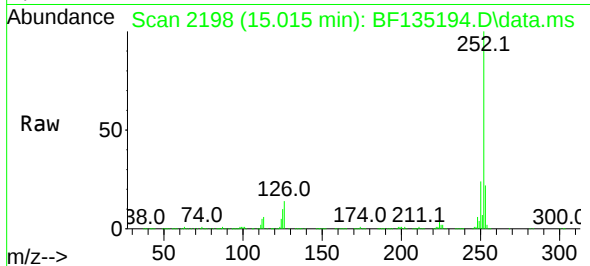
Tgt Ion:252 Resp: 631442
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.0 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 41.780 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

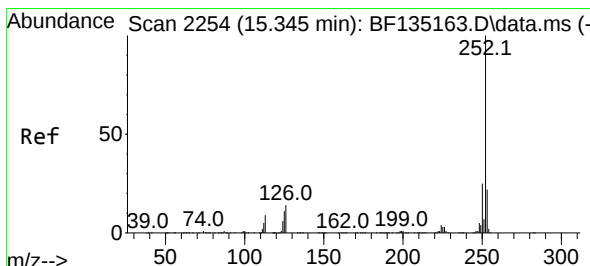
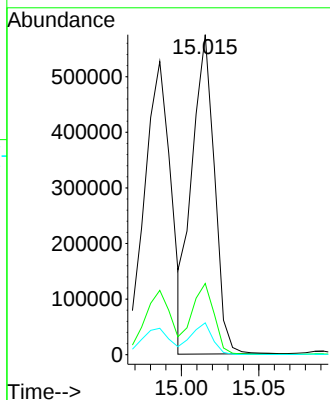
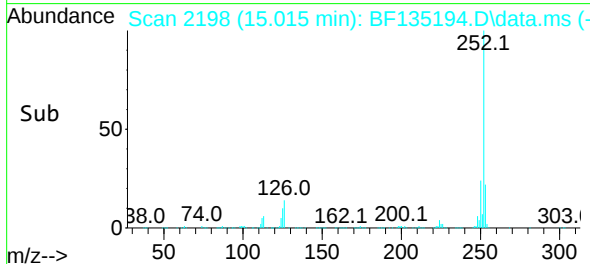
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



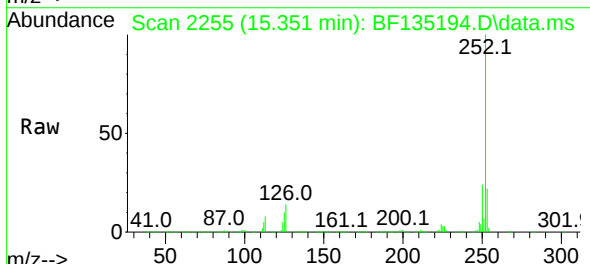
Tgt Ion:252 Resp: 57966
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.9 7.2 10.8

Manual Integrations
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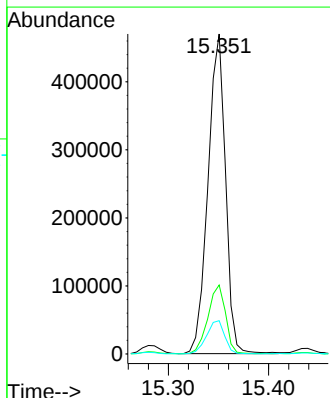
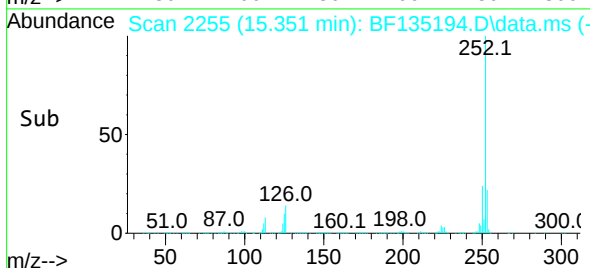
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

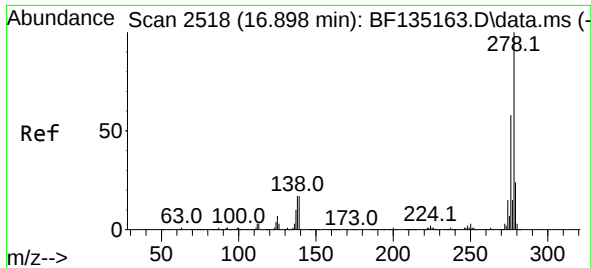


#90
Benzo(a)pyrene
Concen: 42.561 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



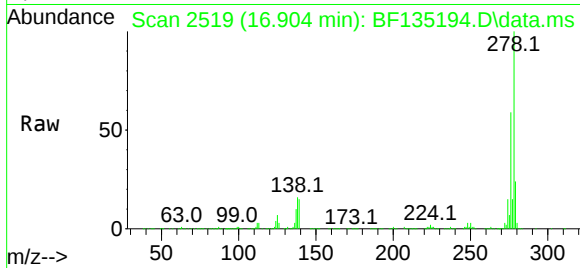
Tgt Ion:252 Resp: 570066
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.4 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 44.433 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

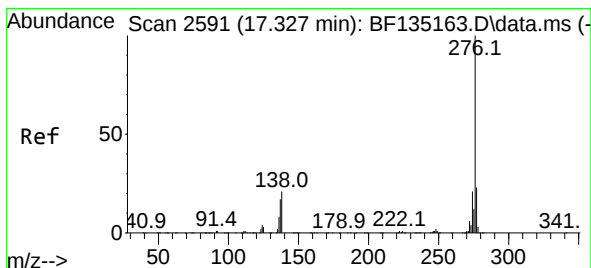
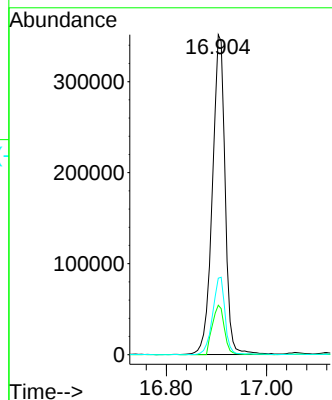
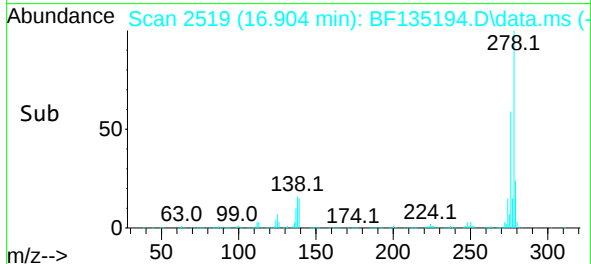
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



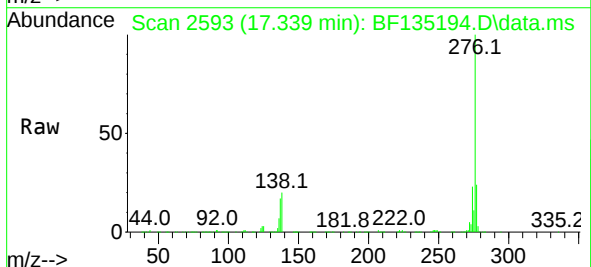
Tgt Ion: 278 Resp: 61846
Ion Ratio Lower Upper
278 100
139 15.5 13.4 20.0
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/13/2023



#92
Benzo(g,h,i)perylene
Concen: 43.733 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion: 276 Resp: 635736
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 20.5 16.9 25.3

