

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135193.D
 Acq On : 12 Sep 2023 21:32
 Operator : CG\JU
 Sample : 04188-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 02:46:14 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	128170	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482945	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	249434	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	482835	20.000	ng	0.00
76) Chrysene-d12	13.951	240	238837	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	241668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	706786	89.689	ng	0.02
7) Phenol-d6	6.410	99	935446	93.355	ng	0.00
23) Nitrobenzene-d5	7.333	82	562362	63.264	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	240885	97.179	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1028813	62.229	ng	0.00
79) Terphenyl-d14	12.886	244	1046144	67.901	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	124912	36.158	ng	99
3) Pyridine	3.322	79	316500	34.041	ng	95
4) n-Nitrosodimethylamine	3.293	42	204801	41.509	ng	98
6) Aniline	6.434	93	363601	27.671	ng	98
8) 2-Chlorophenol	6.551	128	365667	43.468	ng	97
9) Benzaldehyde	6.316	77	133212	23.336	ng	96
10) Phenol	6.422	94	447404	40.719	ng	96
11) bis(2-Chloroethyl)ether	6.504	93	335825	40.746	ng	98
12) 1,3-Dichlorobenzene	6.704	146	366480	42.866	ng	98
13) 1,4-Dichlorobenzene	6.781	146	373045	42.888	ng	99
14) 1,2-Dichlorobenzene	6.934	146	353889	43.811	ng	98
15) Benzyl Alcohol	6.910	79	320106	44.518	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	656999	42.290	ng	98
17) 2-Methylphenol	7.028	107	301883	40.666	ng	97
18) Hexachloroethane	7.269	117	135052	42.021	ng	92
19) n-Nitroso-di-n-propyla...	7.186	70	242083	39.004	ng	99
20) 3+4-Methylphenols	7.181	107	337082	37.762	ng	94
22) Acetophenone	7.175	105	466984	42.294	ng	# 98
24) Nitrobenzene	7.351	77	375194	42.703	ng	99
25) Isophorone	7.592	82	694272	42.534	ng	99
26) 2-Nitrophenol	7.663	139	192178	45.574	ng	98
27) 2,4-Dimethylphenol	7.704	122	296105	41.776	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	423139	43.311	ng	99
29) 2,4-Dichlorophenol	7.904	162	293776	44.729	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	305445	44.494	ng	99
31) Naphthalene	8.069	128	1006460	42.892	ng	99
32) Benzoic acid	7.851	122	239347	44.844	ng	98
33) 4-Chloroaniline	8.116	127	210807	20.477	ng	98
34) Hexachlorobutadiene	8.180	225	178554	43.135	ng	98
35) Caprolactam	8.498	113	101149m	45.888	ng	
36) 4-Chloro-3-methylphenol	8.610	107	324493	44.453	ng	97
37) 2-Methylnaphthalene	8.757	142	646152	40.966	ng	99
38) 1-Methylnaphthalene	8.857	142	608022	41.174	ng	100
40) 1,2,4,5-Tetrachloroben...	8.927	216	303628	42.017	ng	99
41) Hexachlorocyclopentadiene	8.910	237	223516	71.102	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	212479	44.909	ng	96

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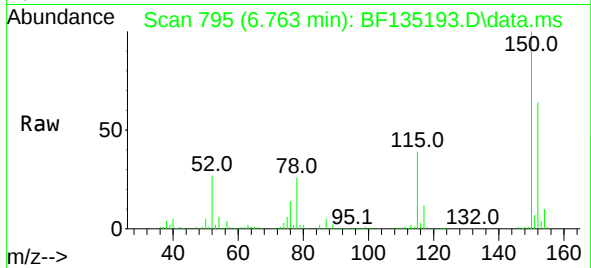
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	230081	42.227	ng	98
46) 1,1'-Biphenyl	9.227	154	803666	41.926	ng	99
47) 2-Chloronaphthalene	9.251	162	608806	43.774	ng	99
48) 2-Nitroaniline	9.351	65	237054	43.873	ng	96
49) Acenaphthylene	9.663	152	1010399	43.714	ng	99
50) Dimethylphthalate	9.533	163	729359	43.249	ng	100
51) 2,6-Dinitrotoluene	9.598	165	163496	44.255	ng	89
52) Acenaphthene	9.839	154	582438	42.655	ng	98
53) 3-Nitroaniline	9.763	138	140355	32.365	ng	98
54) 2,4-Dinitrophenol	9.880	184	157887	75.650	ng	98
55) Dibenzofuran	10.010	168	854071	40.989	ng	98
56) 4-Nitrophenol	9.939	139	253435	91.953	ng	96
57) 2,4-Dinitrotoluene	10.004	165	200735	43.402	ng	92
58) Fluorene	10.357	166	673905	42.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	186988	44.613	ng	99
60) Diethylphthalate	10.233	149	728414	43.038	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	320335	41.631	ng	99
62) 4-Nitroaniline	10.386	138	178768	42.885	ng	99
63) Azobenzene	10.510	77	714839	43.156	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	112014	43.679	ng	91
66) n-Nitrosodiphenylamine	10.469	169	630129	43.107	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	207809	43.274	ng	97
68) Hexachlorobenzene	10.904	284	228860	46.780	ng	97
69) Atrazine	11.004	200	199862	50.814	ng	99
70) Pentachlorophenol	11.098	266	209480	71.567	ng	98
71) Phenanthrene	11.321	178	1028315	45.030	ng	100
72) Anthracene	11.374	178	1014236	43.209	ng	100
73) Carbazole	11.533	167	970641	45.425	ng	99
74) Di-n-butylphthalate	11.863	149	1131939	44.956	ng	99
75) Fluoranthene	12.515	202	1078978	45.345	ng	98
77) Benzidine	12.639	184	210272	42.974	ng	99
78) Pyrene	12.745	202	1062640	46.732	ng	100
80) Butylbenzylphthalate	13.368	149	404898	50.574	ng	98
81) Benzo(a)anthracene	13.939	228	689672	44.719	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	161845	33.597	ng	99
83) Chrysene	13.974	228	671805	43.813	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	437881	53.299	ng	99
85) Di-n-octyl phthalate	14.551	149	695355	53.259	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	729326	46.028	ng	99
88) Benzo(b)fluoranthene	14.986	252	612199	46.796	ng	99
89) Benzo(k)fluoranthene	15.015	252	581556	45.001	ng	98
90) Benzo(a)pyrene	15.351	252	532784	42.705	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	582538	44.932	ng	99
92) Benzo(g,h,i)perylene	17.339	276	618333	45.667	ng	98

(#) = 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: BF135193.D
Acq: 12 Sep 2023 21:32

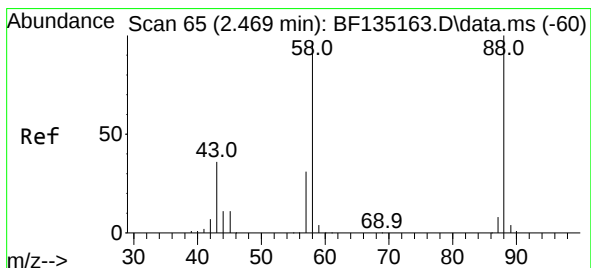
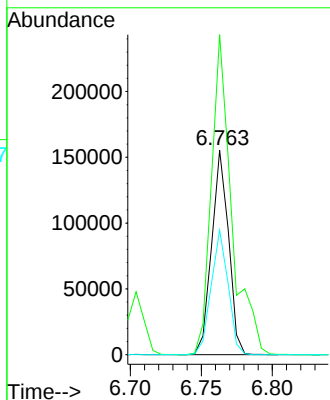
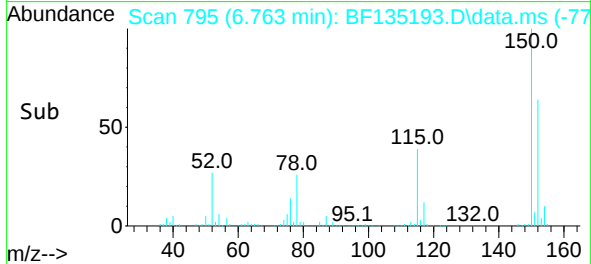
Instrument :
BNA_F
ClientSampleId :
WC-6MS



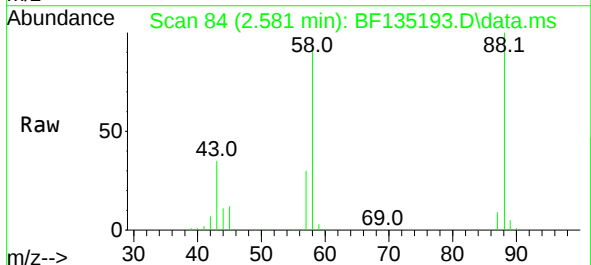
Tgt Ion:152 Resp: 128170
Ion Ratio Lower Upper
152 100
150 156.5 127.8 191.6
115 61.0 49.8 74.8

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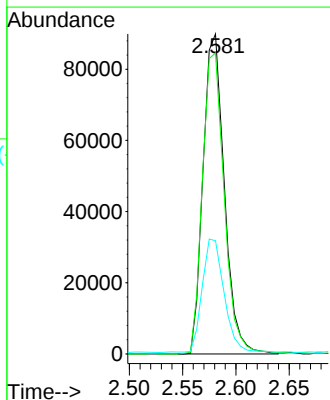
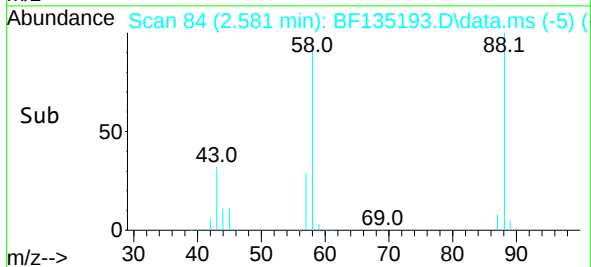
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#2
1,4-Dioxane
Concen: 36.158 ng
RT: 2.581 min Scan# 84
Delta R.T. 0.112 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



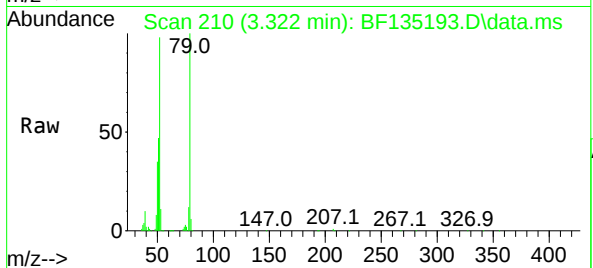
Tgt Ion: 88 Resp: 124912
Ion Ratio Lower Upper
88 100
58 96.5 78.3 117.5
43 36.5 29.4 44.0





#3
Pyridine
Concen: 34.041 ng
RT: 3.322 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

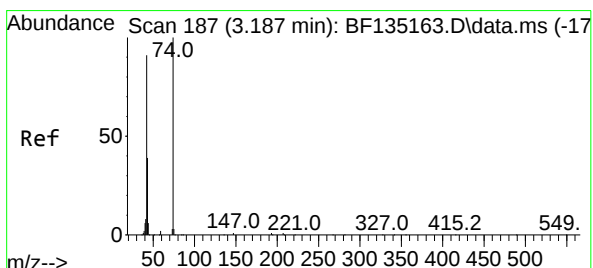
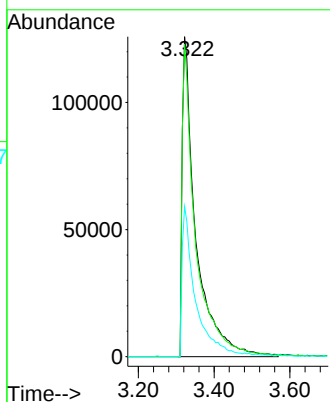
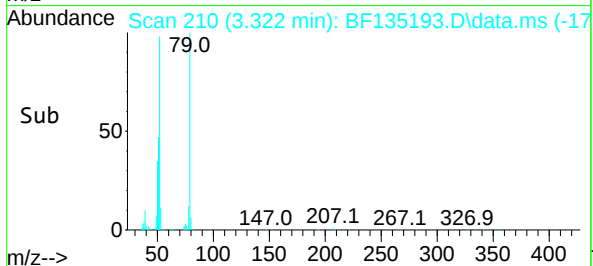
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ClientSampleId :
WC-6MS



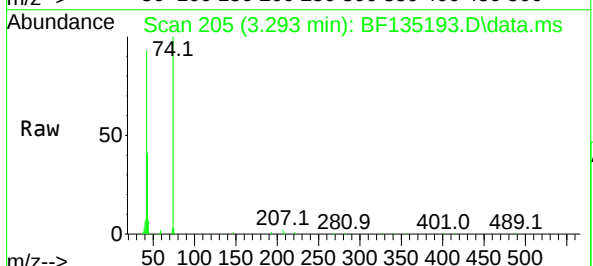
Tgt Ion: 79 Resp: 316500
Ion Ratio Lower Upper
79 100
52 97.6 74.1 111.1
51 46.9 35.8 53.8

Manual Integrations
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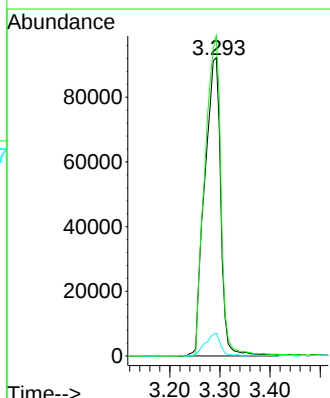
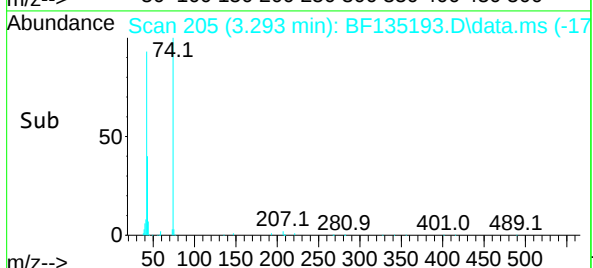
Reviewed By :Yogesh Patel 09/13/2023
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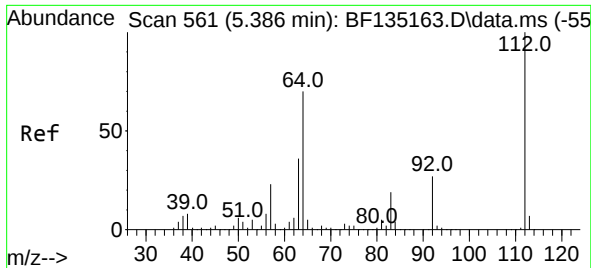


#4
n-Nitrosodimethylamine
Concen: 41.509 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.106 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion: 42 Resp: 204801
Ion Ratio Lower Upper
42 100
74 107.3 87.7 131.5
44 7.6 5.6 8.4





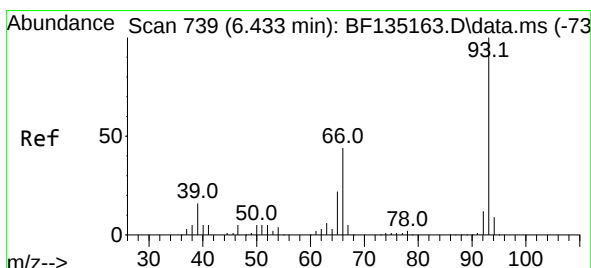
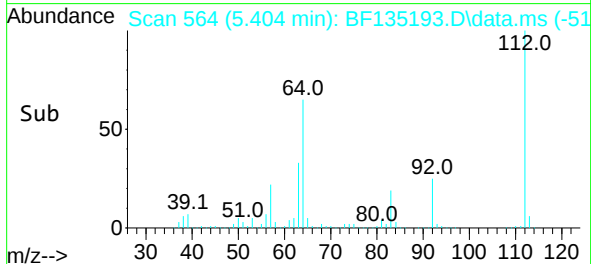
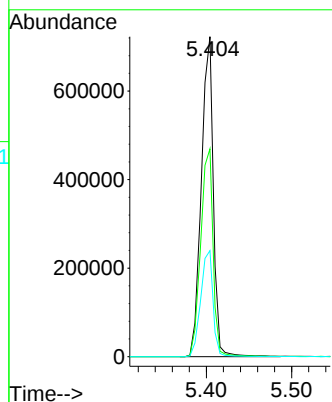
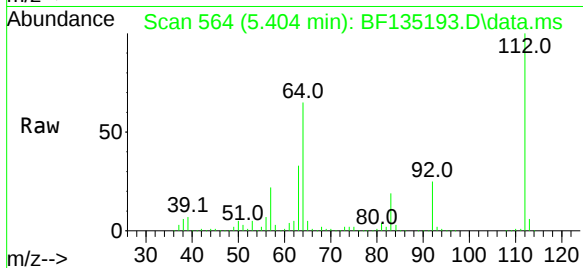
#5
2-Fluorophenol
Concen: 89.689 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion:112 Resp: 706780
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 33.2 29.0 43.6

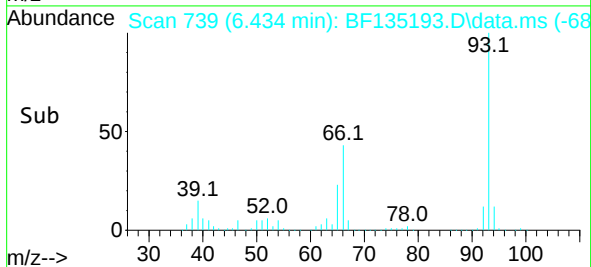
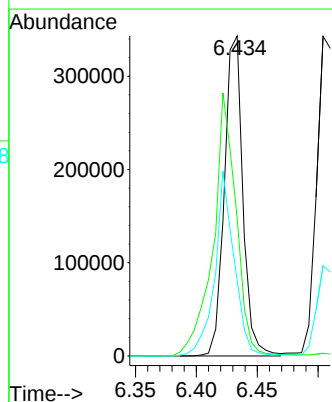
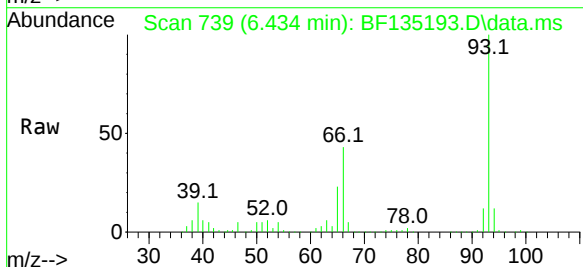
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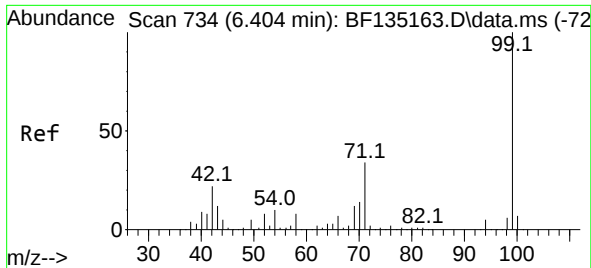
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 27.671 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Tgt Ion: 93 Resp: 363601
Ion Ratio Lower Upper
93 100
66 43.1 35.4 53.0
65 23.5 17.8 26.8





#7

Phenol-d6

Concen: 93.355 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion: 99 Resp: 93544

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

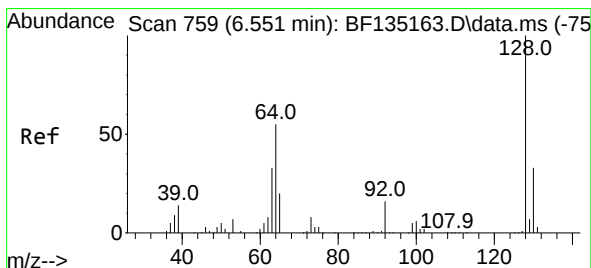
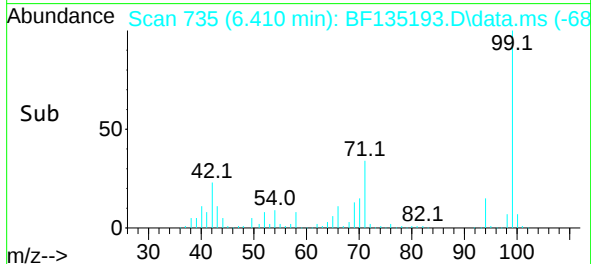
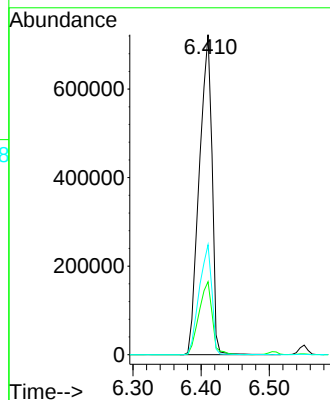
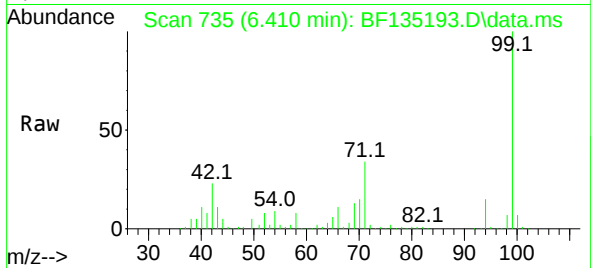
71 34.4 27.0 40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#8

2-Chlorophenol

Concen: 43.468 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

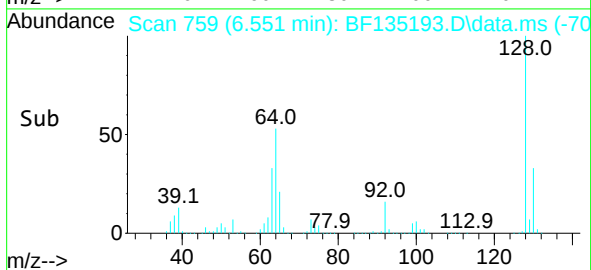
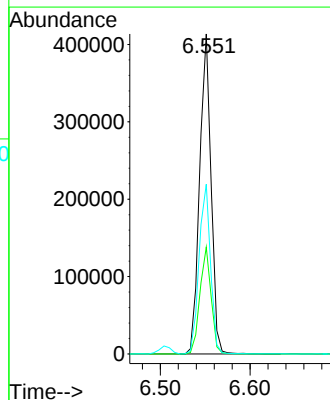
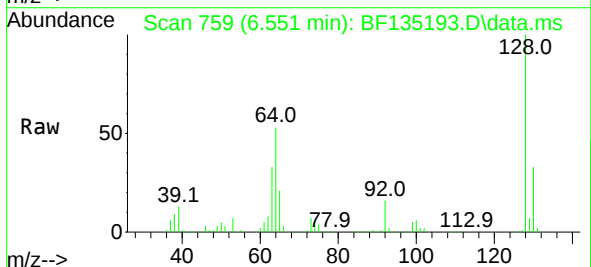
Tgt Ion:128 Resp: 365667

Ion Ratio Lower Upper

128 100

130 33.4 12.7 52.7

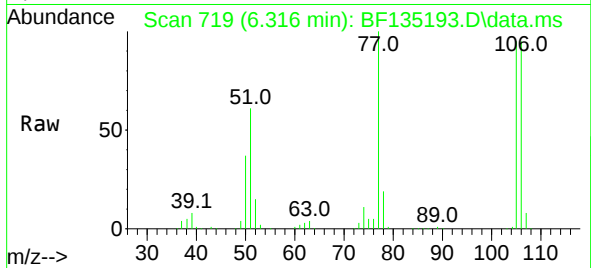
64 53.0 35.9 75.9





#9
Benzaldehyde
Concen: 23.336 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

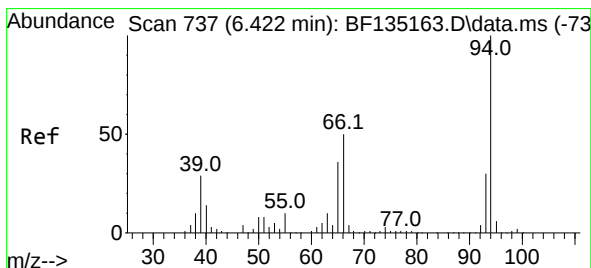
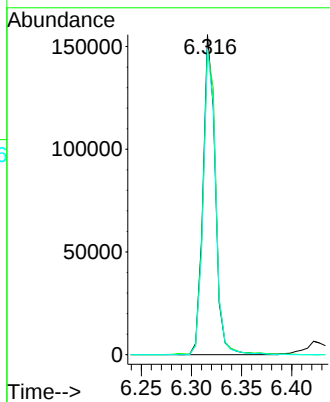
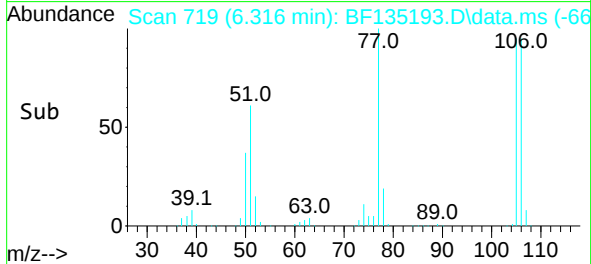
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion: 77 Resp: 133212
Ion Ratio Lower Upper
77 100
105 95.4 81.4 121.4
106 95.4 76.9 116.9

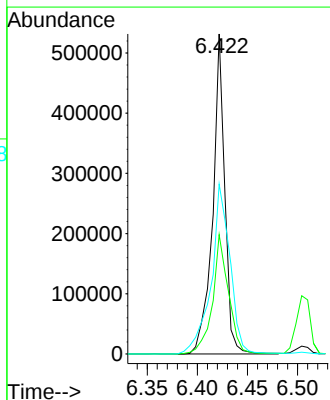
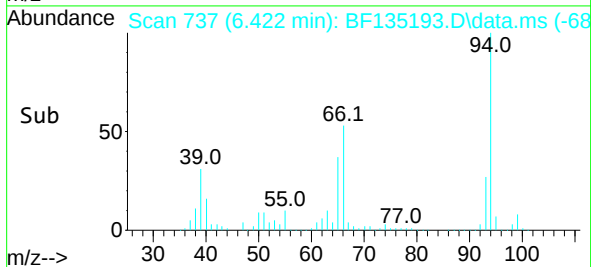
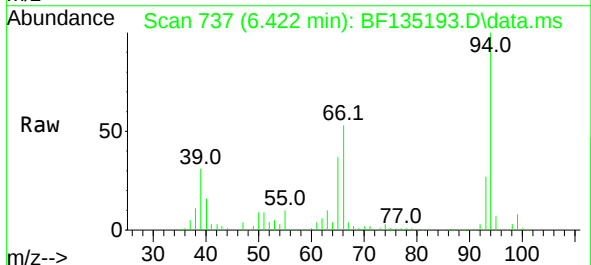
Manual Integrations
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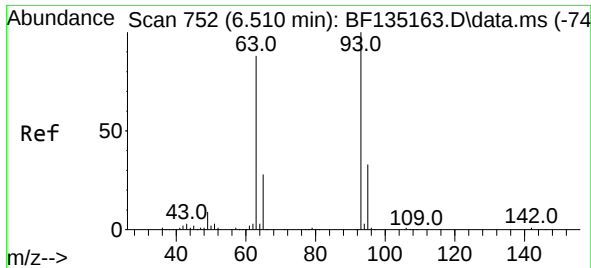
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#10
Phenol
Concen: 40.719 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Tgt Ion: 94 Resp: 447404
Ion Ratio Lower Upper
94 100
65 37.3 15.9 55.9
66 53.1 29.8 69.8





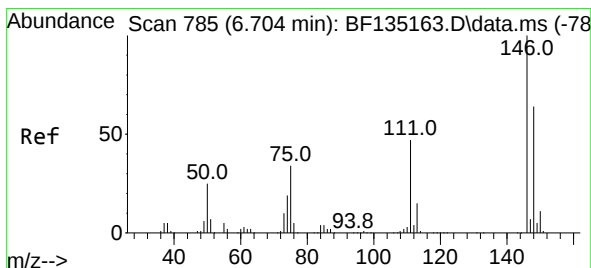
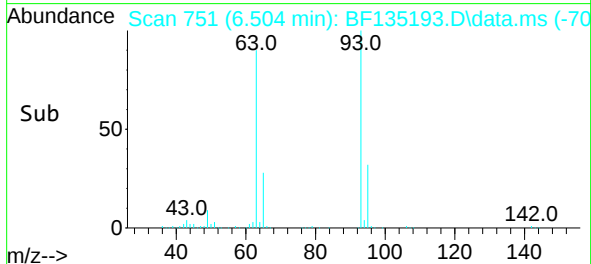
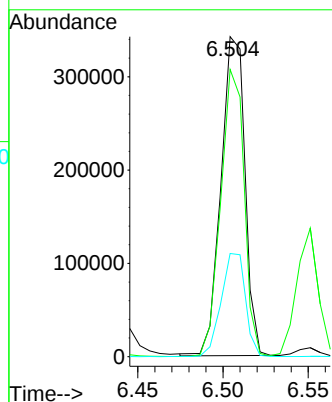
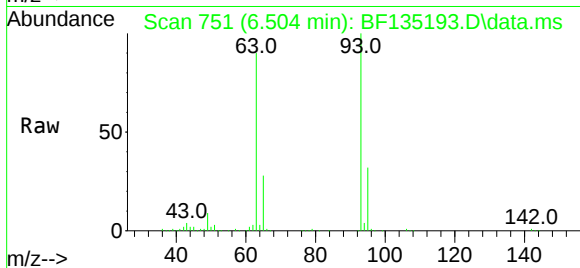
#11
bis(2-Chloroethyl)ether
Concen: 40.746 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion: 93 Resp: 335825
Ion Ratio Lower Upper
93 100
63 89.7 67.3 107.3
95 32.2 12.7 52.7

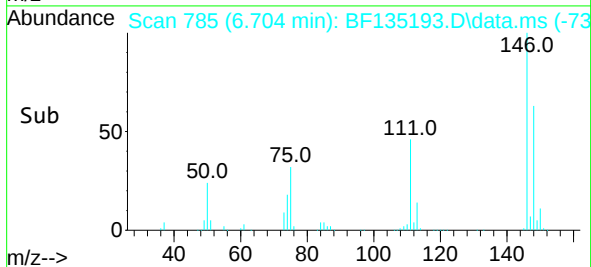
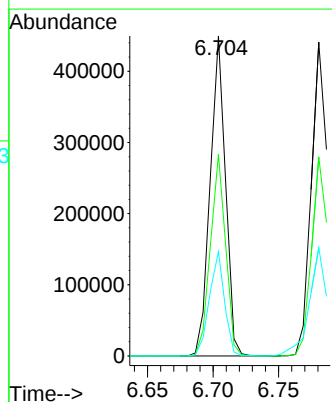
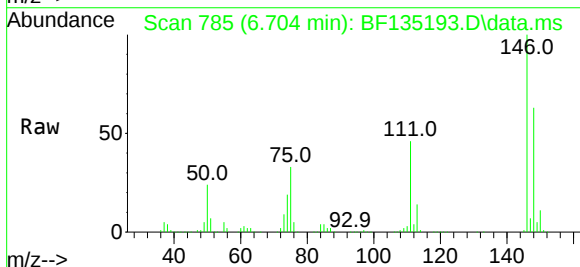
Manual Integrations
APPROVED

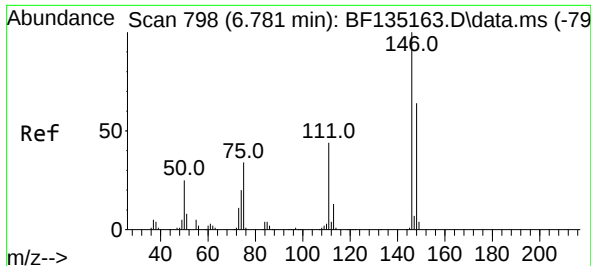
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 42.866 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

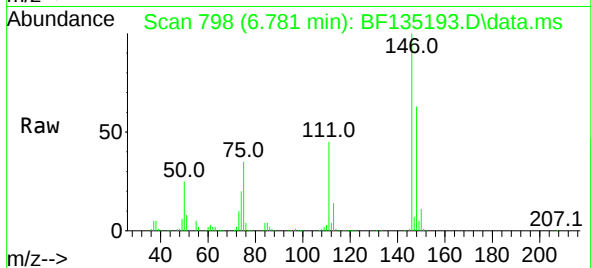
Tgt Ion:146 Resp: 366480
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 32.7 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 42.888 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

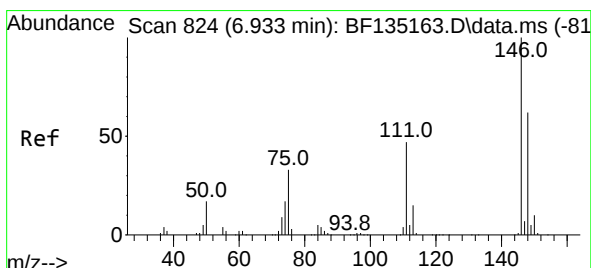
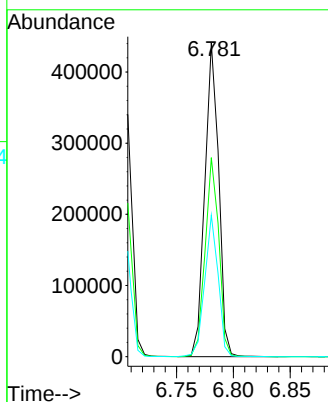
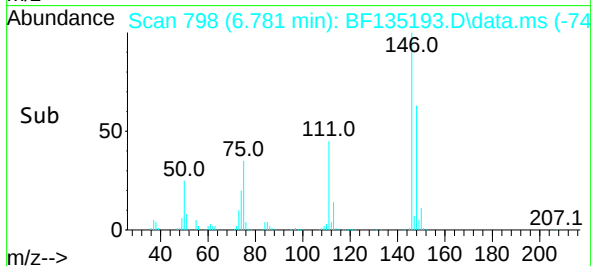
Instrument :
BNA_F
ClientSampleId :
WC-6MS



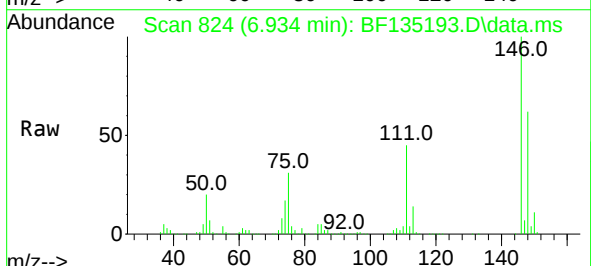
Tgt Ion:146 Resp: 373049
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 45.1 35.1 52.7

Manual Integrations
APPROVED

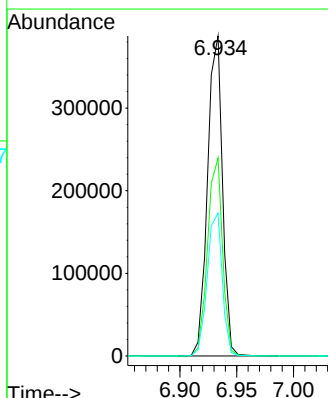
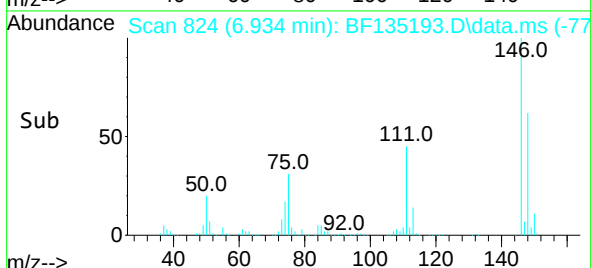
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#14
1,2-Dichlorobenzene
Concen: 43.811 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



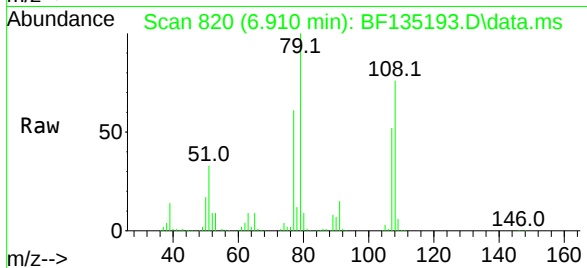
Tgt Ion:146 Resp: 353889
Ion Ratio Lower Upper
146 100
148 61.9 49.7 74.5
111 44.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 44.518 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

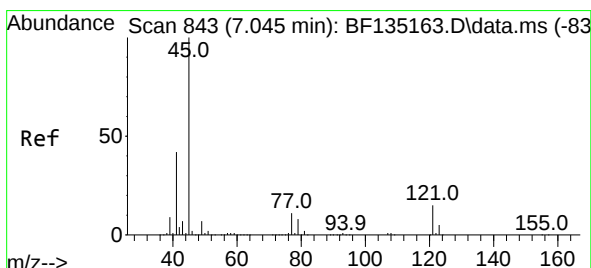
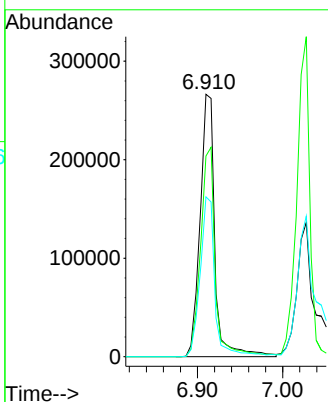
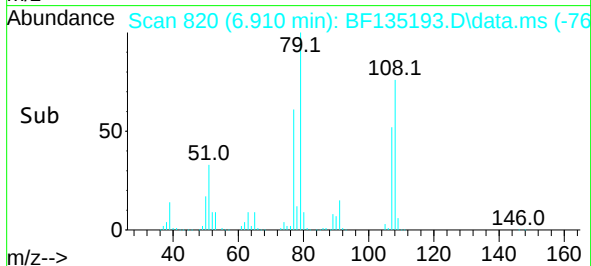
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion: 79 Resp: 320100
Ion Ratio Lower Upper
79 100
108 76.5 61.2 91.8
77 60.9 50.5 75.7

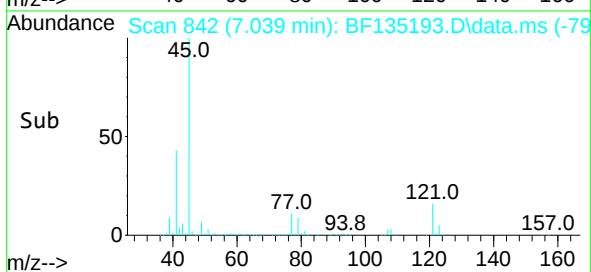
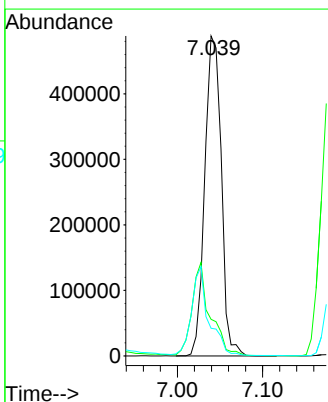
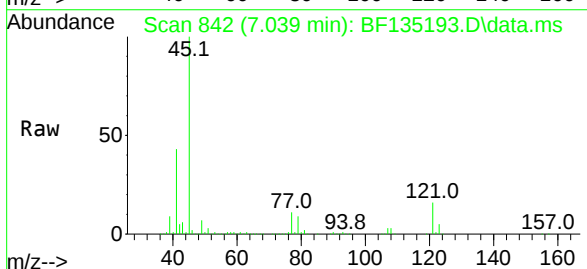
Manual Integrations
APPROVED

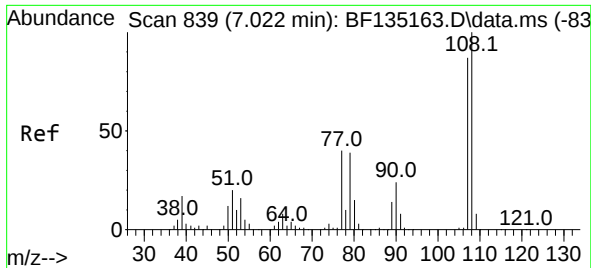
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.290 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

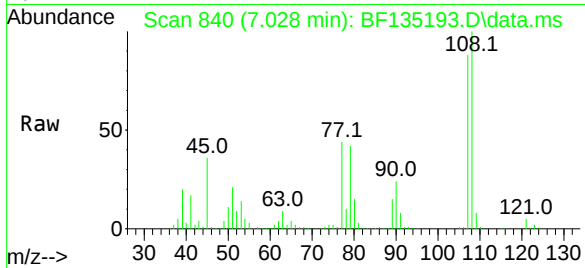
Tgt Ion: 45 Resp: 656999
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.6
79 8.7 0.0 28.3





#17
2-Methylphenol
Concen: 40.666 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

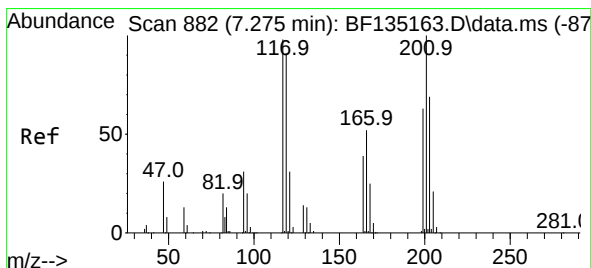
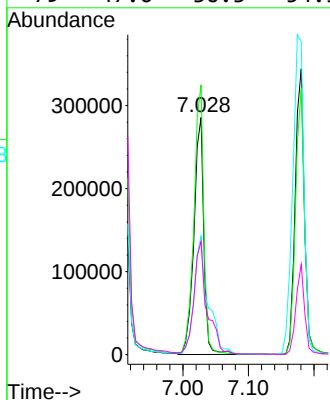
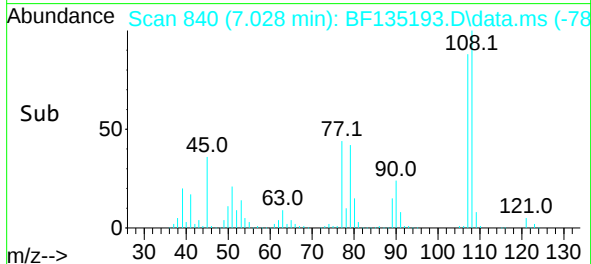
Instrument :
BNA_F
ClientSampleId :
WC-6MS



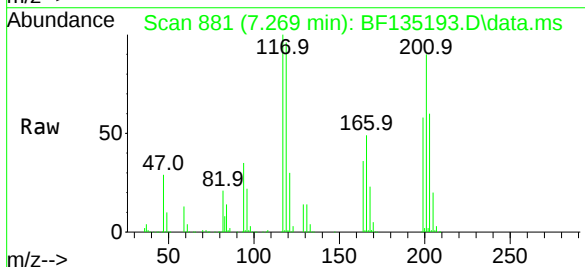
Tgt Ion:107 Resp: 30188
Ion Ratio Lower Upper
107 100
108 113.7 92.0 138.0
77 49.9 36.7 55.1
79 47.6 36.3 54.5

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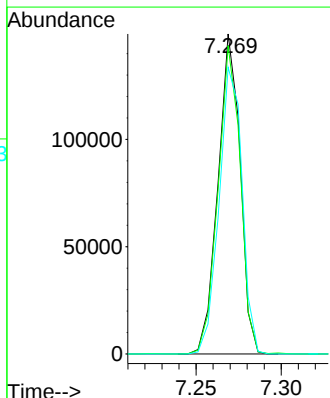
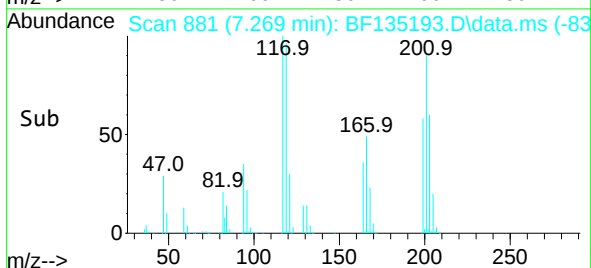
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

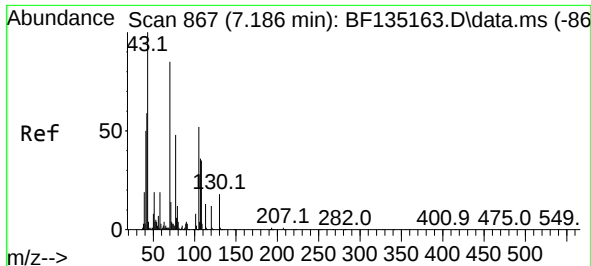


#18
Hexachloroethane
Concen: 42.021 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion:117 Resp: 135052
Ion Ratio Lower Upper
117 100
119 96.4 74.7 112.1
201 89.5 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.004 ng

RT: 7.186 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF135193.D

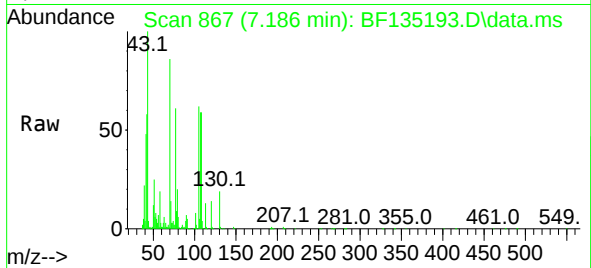
Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS



Tgt Ion: 70 Resp: 242083

Ion Ratio Lower Upper

70 100

42 68.0 55.4 83.0

101 9.4 7.7 11.5

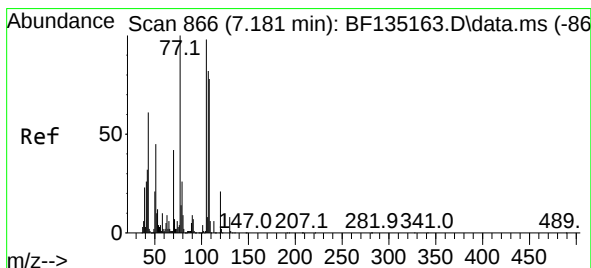
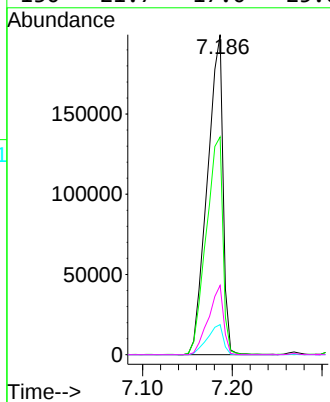
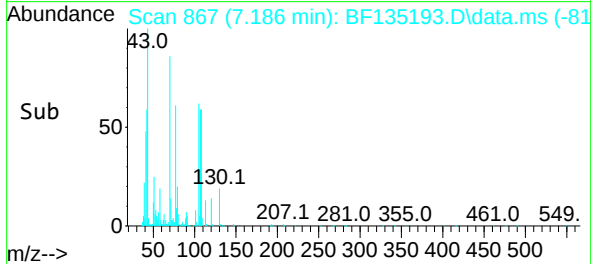
130 21.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#20

3+4-Methylphenols

Concen: 37.762 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Tgt Ion:107 Resp: 337082

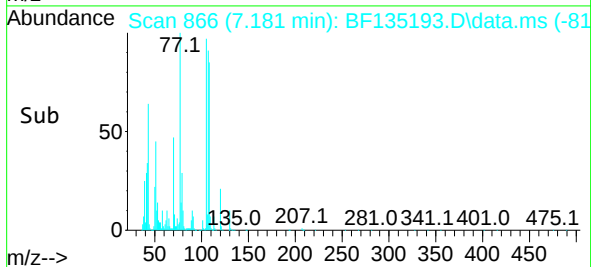
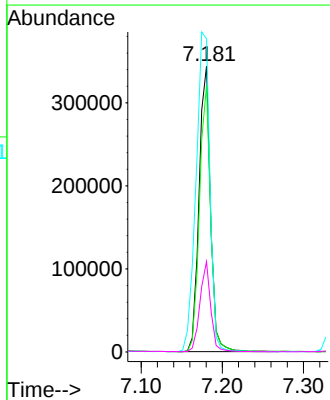
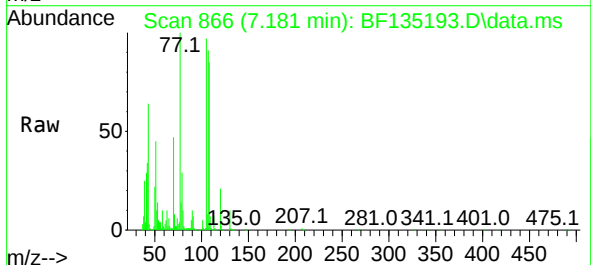
Ion Ratio Lower Upper

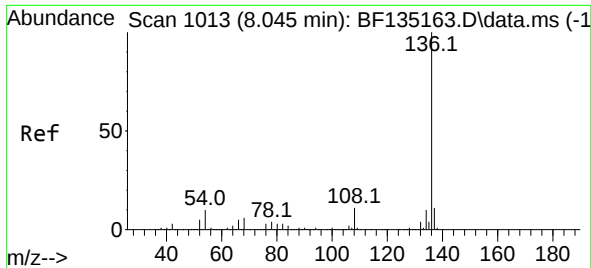
107 100

108 93.1 74.7 114.7

77 109.5 102.0 142.0

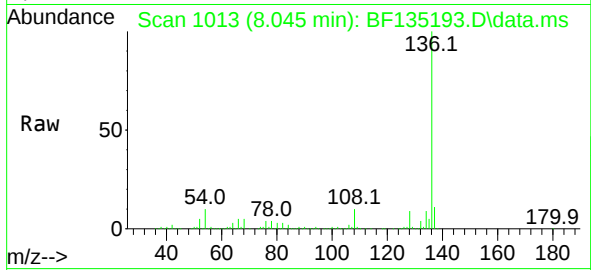
79 31.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

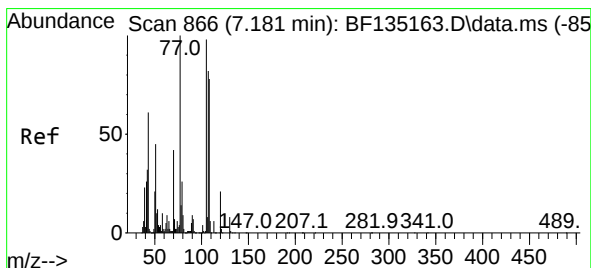
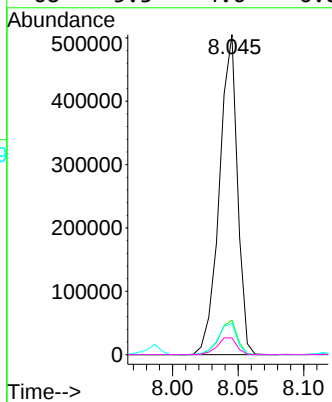
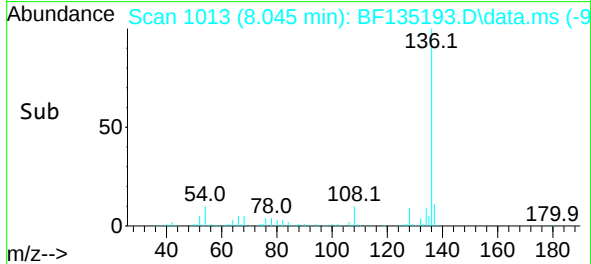
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:136 Resp: 482945
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.7 7.7 11.5
68 5.3 4.6 6.8

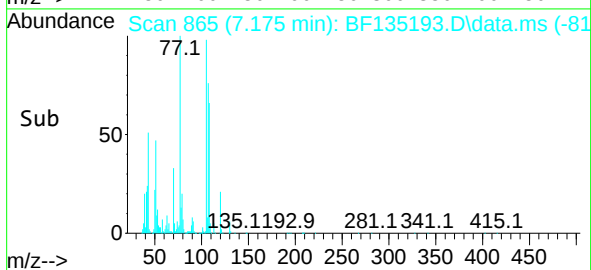
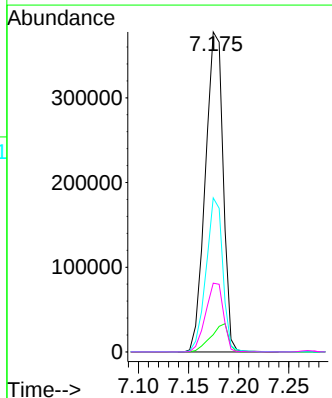
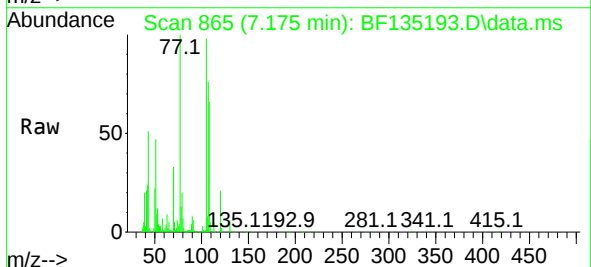
Manual Integrations
APPROVED

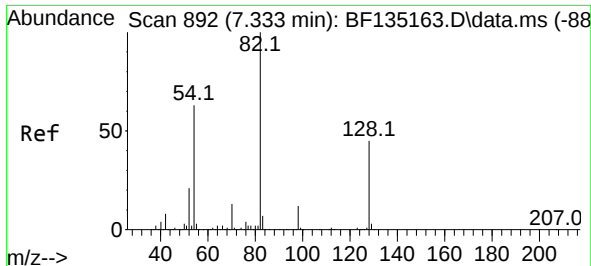
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 42.294 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Tgt Ion:105 Resp: 466984
Ion Ratio Lower Upper
105 100
71 5.4 5.8 8.6#
51 48.2 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 63.264 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion: 82 Resp: 562362

Ion Ratio Lower Upper

82 100

128 46.6 35.8 53.6

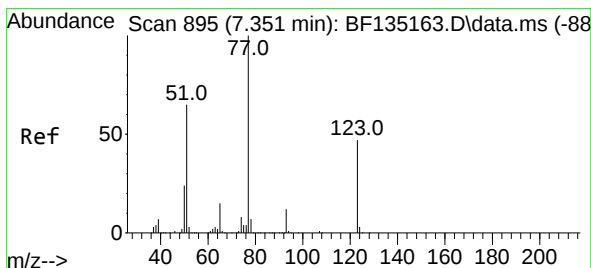
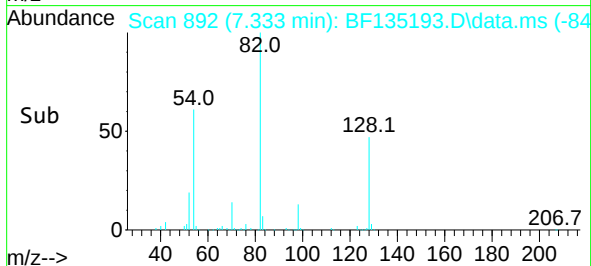
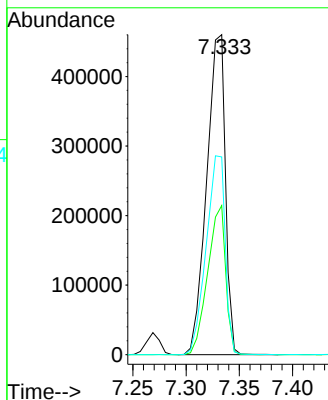
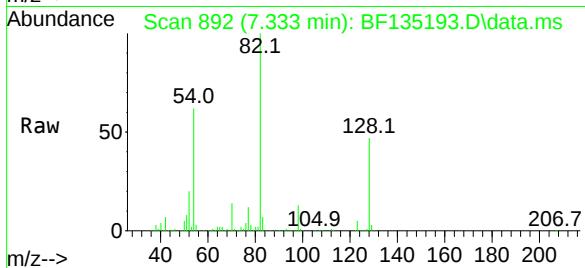
54 61.8 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#24

Nitrobenzene

Concen: 42.703 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

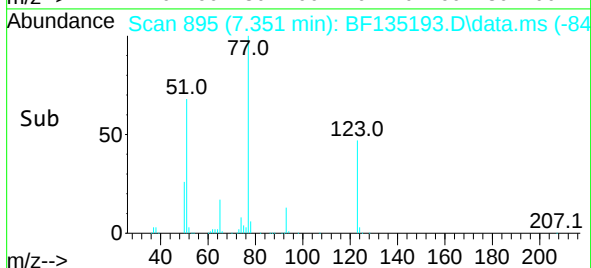
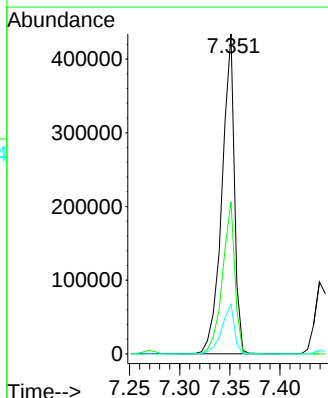
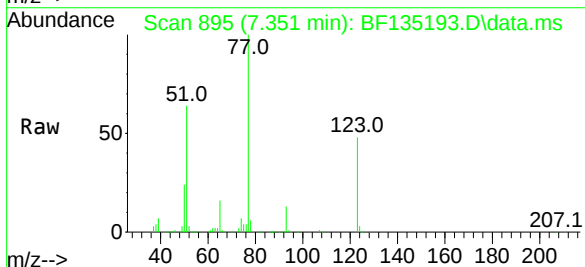
Tgt Ion: 77 Resp: 375194

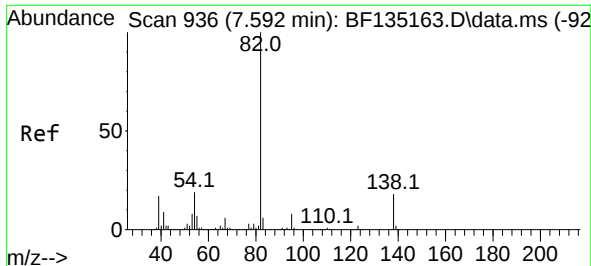
Ion Ratio Lower Upper

77 100

123 47.5 37.6 56.4

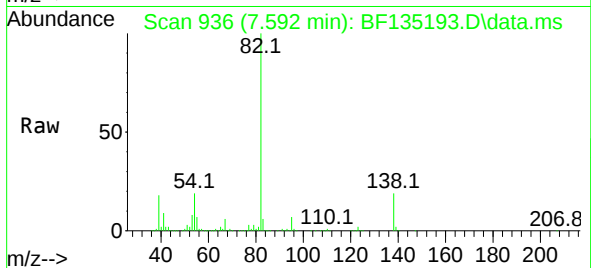
65 15.6 12.2 18.4





#25
Isophorone
Concen: 42.534 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

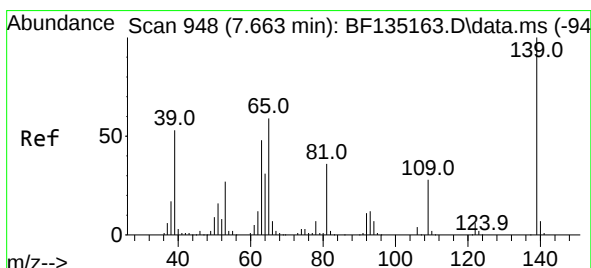
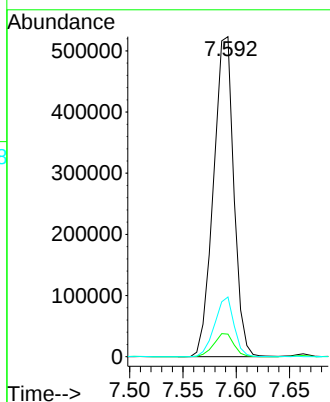
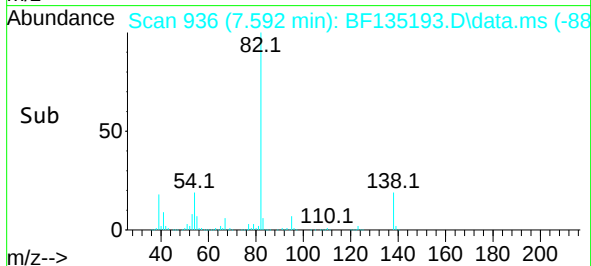
Instrument :
BNA_F
ClientSampleId :
WC-6MS



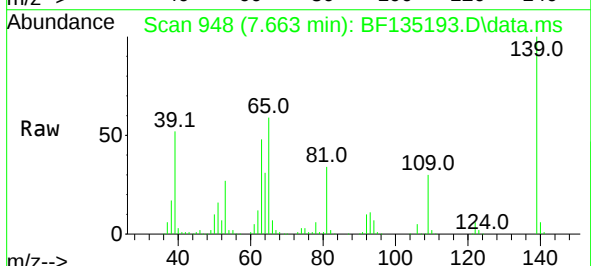
Tgt Ion: 82 Resp: 694272
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.6 14.5 21.7

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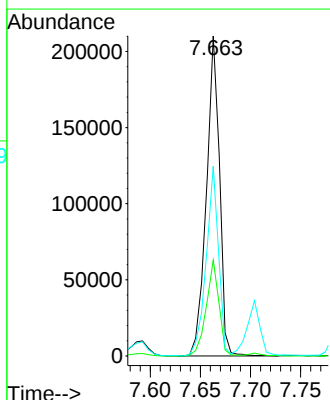
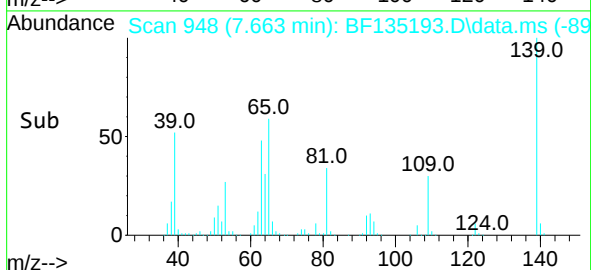
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 45.574 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion:139 Resp: 192178
Ion Ratio Lower Upper
139 100
109 30.0 22.6 33.8
65 59.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.776 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135193.D

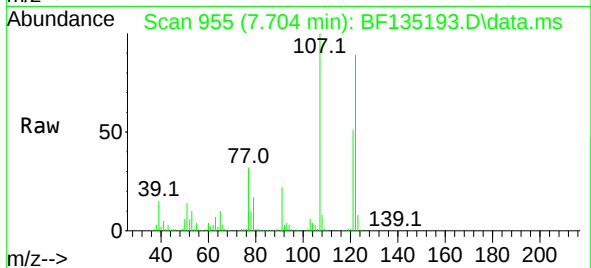
Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS



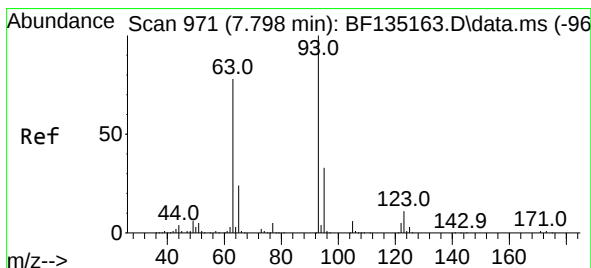
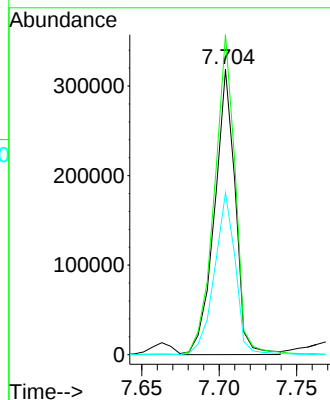
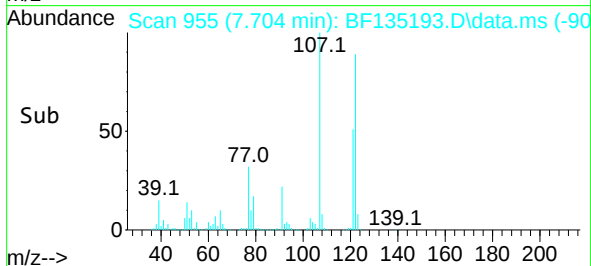
Tgt Ion:	122	Resp:	29610
Ion	Ratio	Lower	Upper
122	100		
107	112.2	90.2	135.4
121	56.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.311 ng

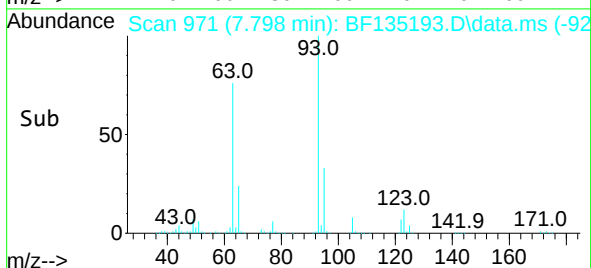
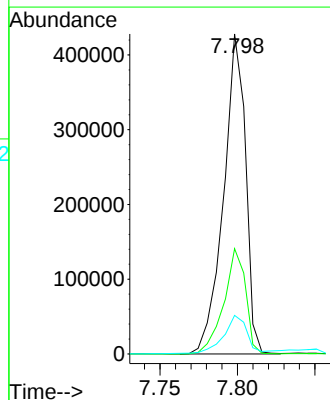
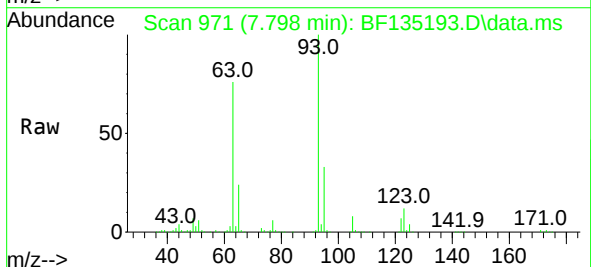
RT: 7.798 min Scan# 971

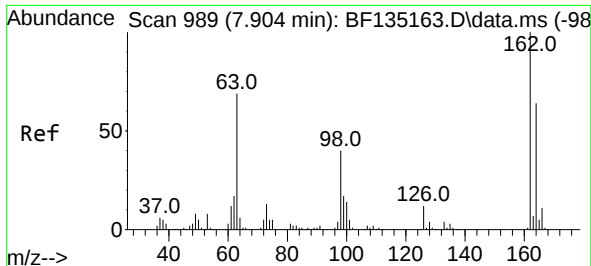
Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Tgt Ion:	93	Resp:	423139
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	12.0	8.8	13.2





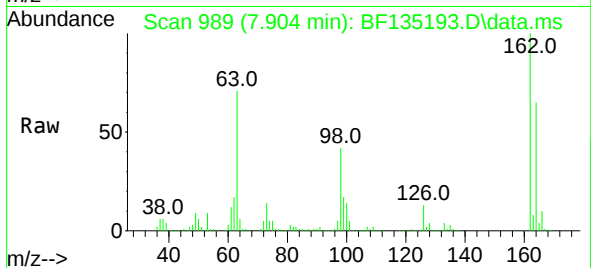
#29
2,4-Dichlorophenol
Concen: 44.729 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

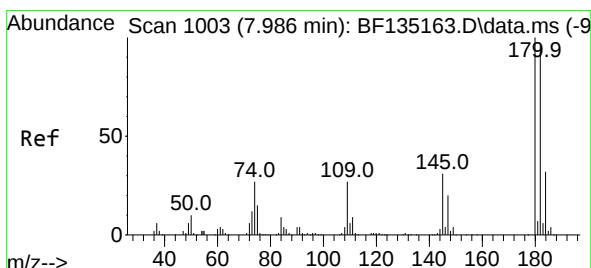
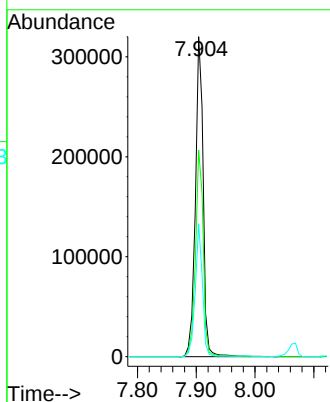
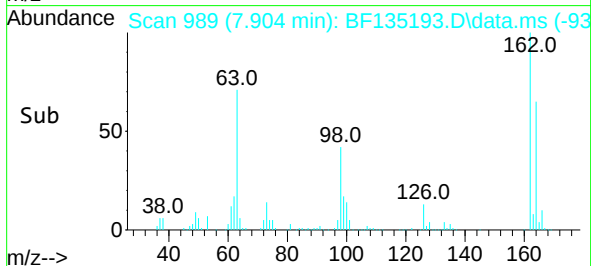


Tgt Ion:162 Resp: 293770
Ion Ratio Lower Upper
162 100
164 64.5 44.1 84.1
98 41.6 20.3 60.3

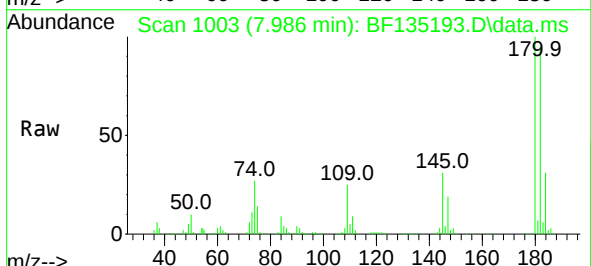
Manual Integrations

APPROVED

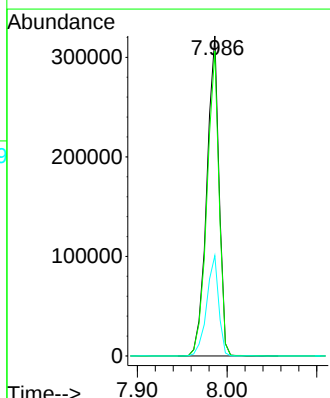
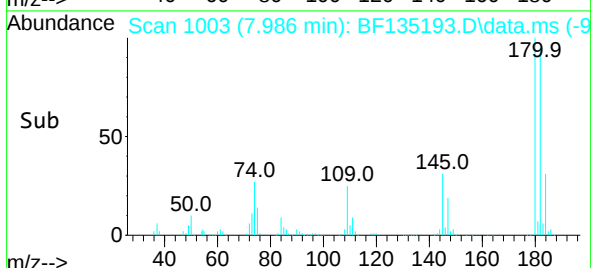
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

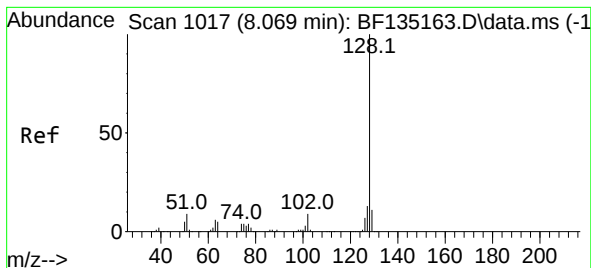


#30
1,2,4-Trichlorobenzene
Concen: 44.494 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



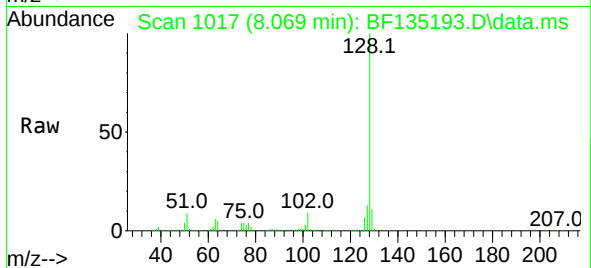
Tgt Ion:180 Resp: 305445
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 31.3 24.5 36.7





#31
Naphthalene
Concen: 42.892 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

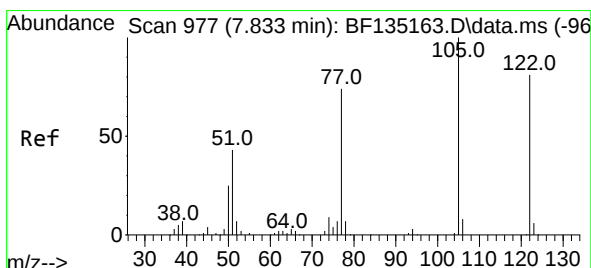
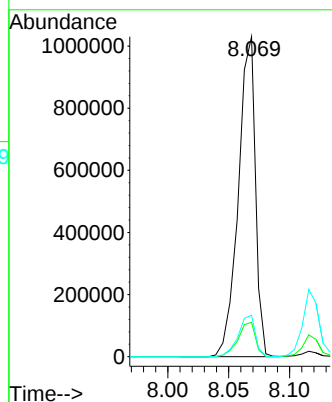
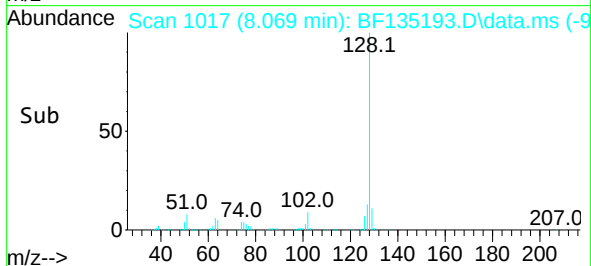
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:128 Resp: 1006460
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.7 16.1

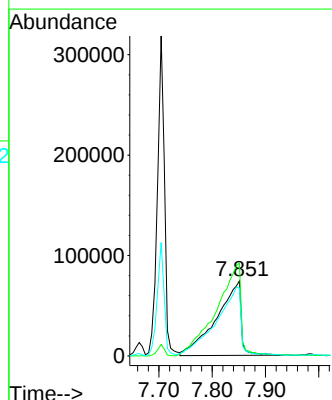
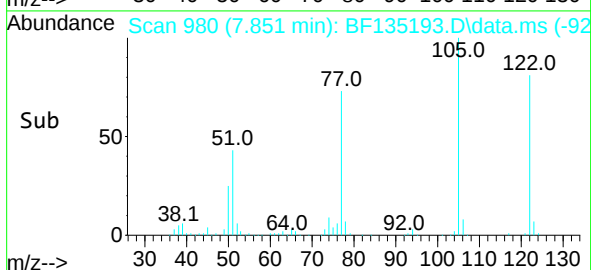
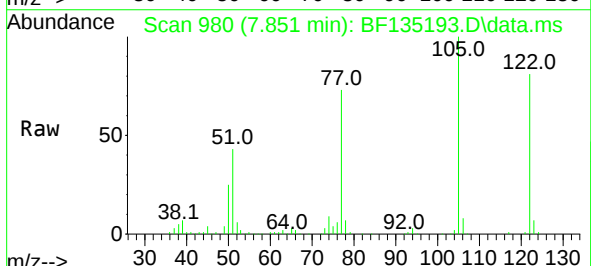
Manual Integrations
APPROVED

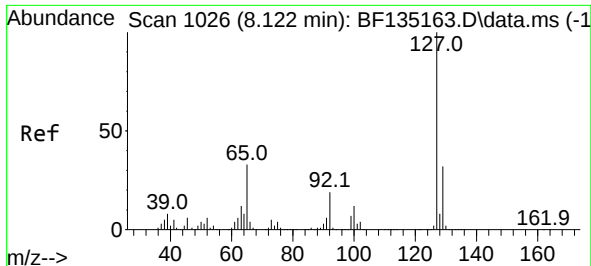
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#32
Benzoic acid
Concen: 44.844 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Tgt Ion:122 Resp: 239347
Ion Ratio Lower Upper
122 100
105 123.5 99.9 139.9
77 90.6 70.0 110.0





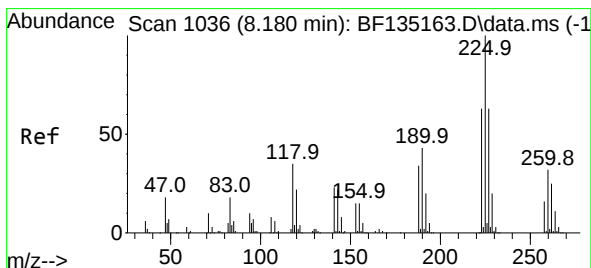
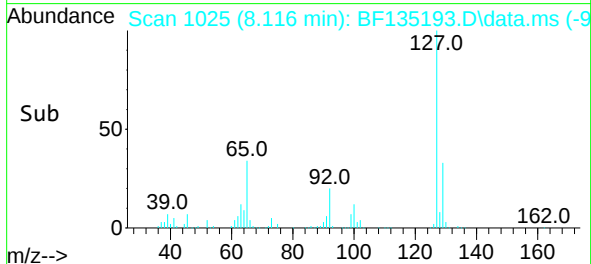
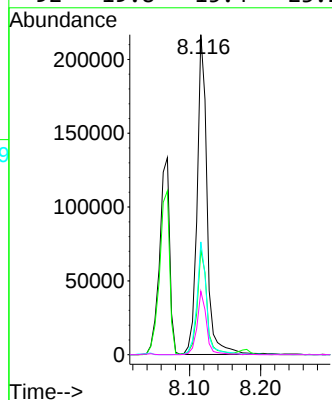
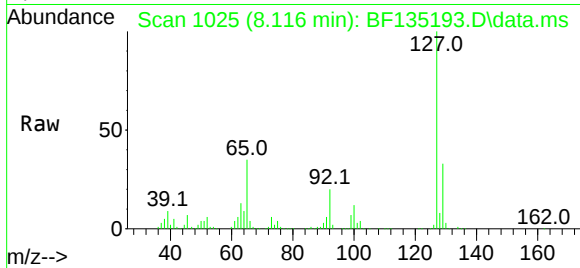
#33
4-Chloroaniline
Concen: 20.477 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion:	127	Resp:	21080
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.8
65	35.3	26.6	39.8
92	19.8	15.4	23.2

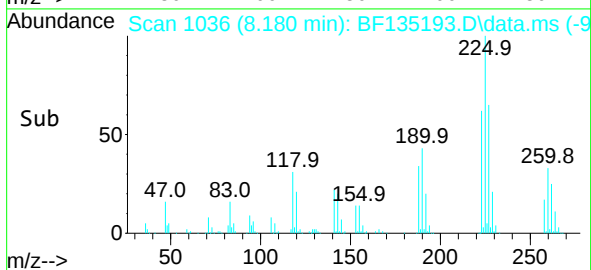
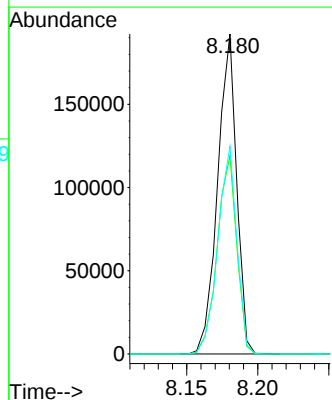
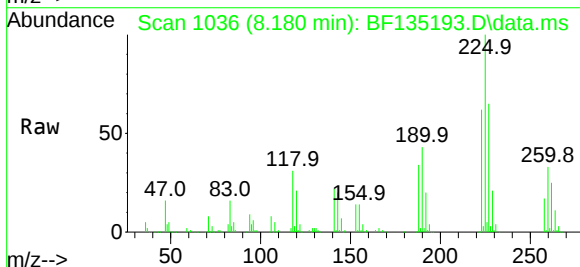
Manual Integrations
APPROVED

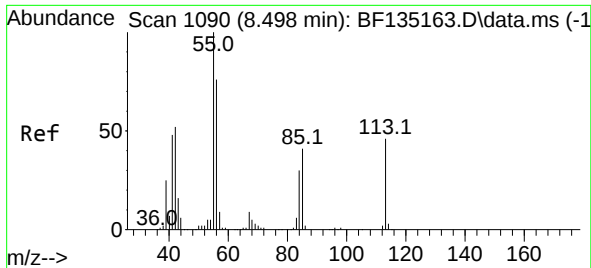
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#34
Hexachlorobutadiene
Concen: 43.135 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

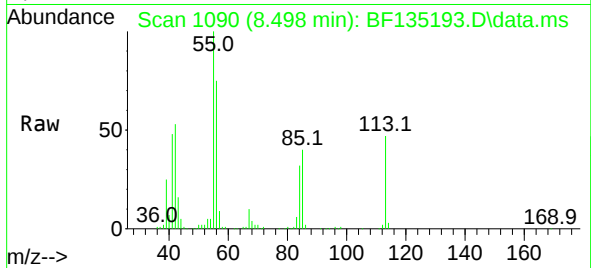
Tgt Ion:	225	Resp:	178554
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.6	75.8
227	64.9	50.8	76.2





#35
Caprolactam
Concen: 45.888 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

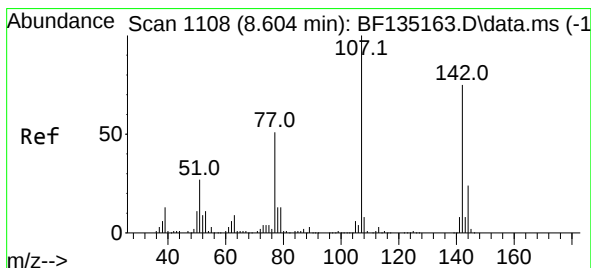
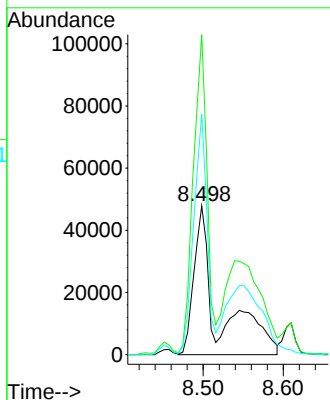
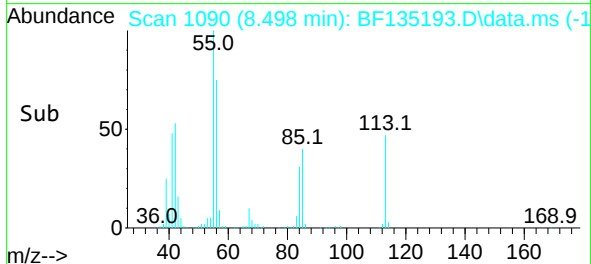
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:113 Resp: 101149
Ion Ratio Lower Upper
113 100
55 215.0 199.3 239.3
56 161.8 146.3 186.3

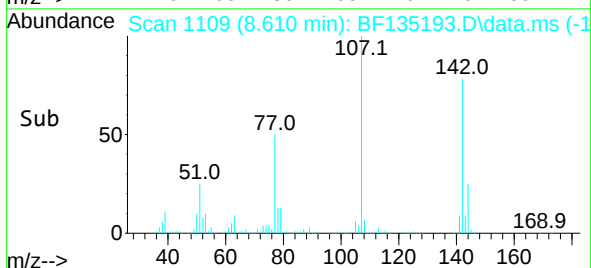
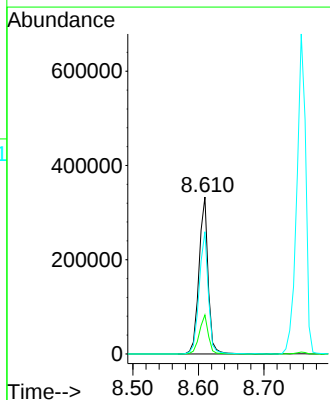
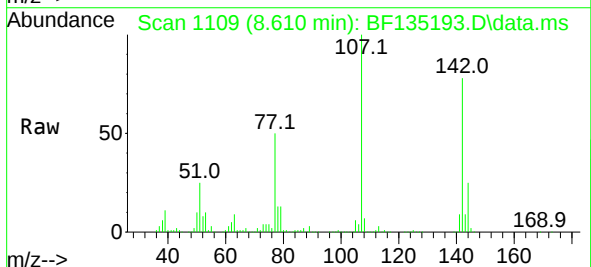
Manual Integrations
APPROVED

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



#36
4-Chloro-3-methylphenol
Concen: 44.453 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Tgt Ion:107 Resp: 324493
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 77.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 40.966 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:142 Resp: 646152

Ion Ratio Lower Upper

142 100

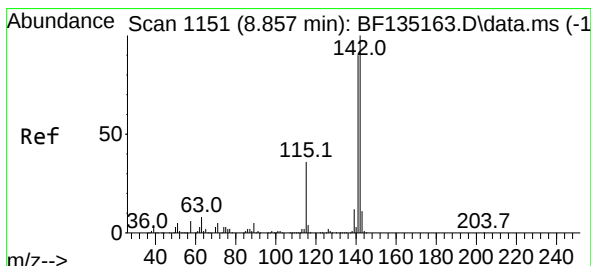
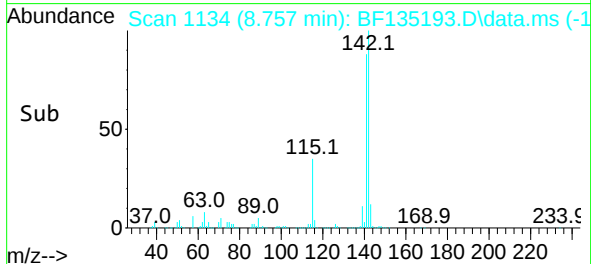
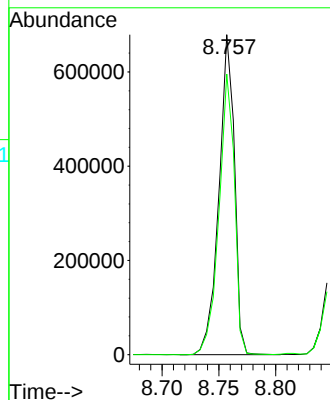
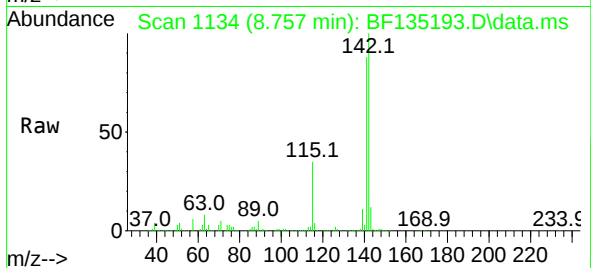
141 87.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 41.174 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135193.D

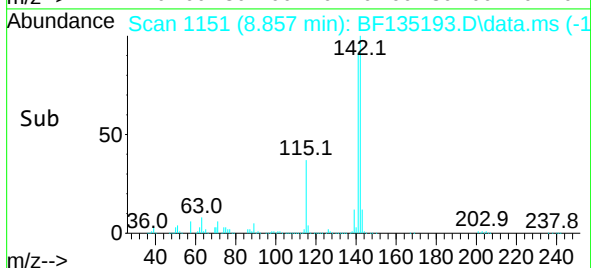
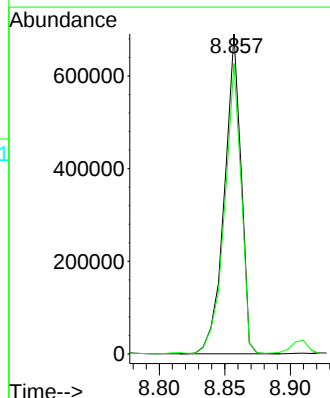
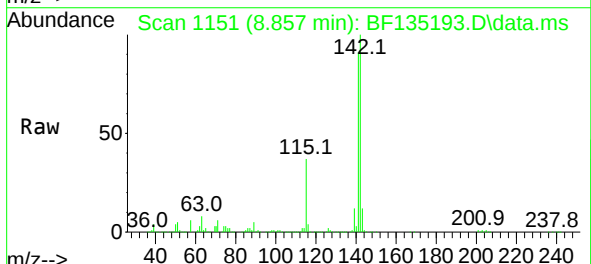
Acq: 12 Sep 2023 21:32

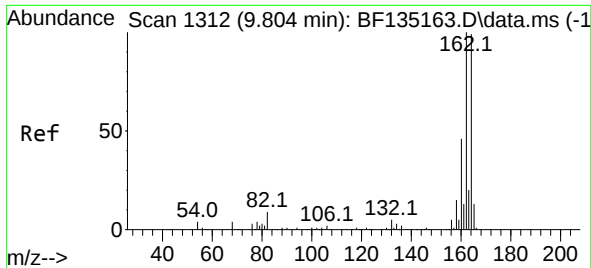
Tgt Ion:142 Resp: 608022

Ion Ratio Lower Upper

142 100

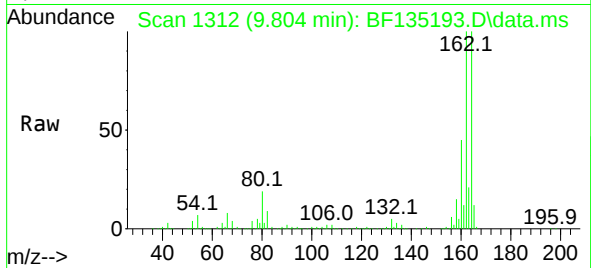
141 90.8 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

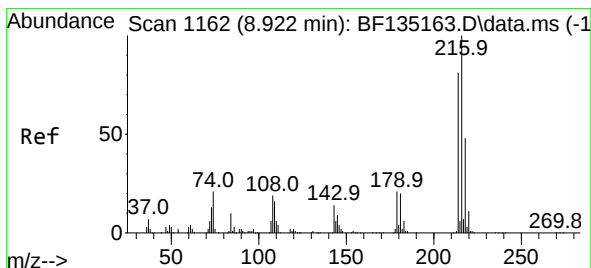
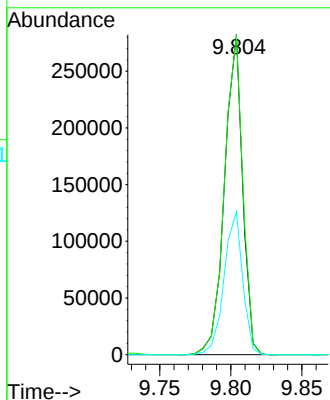
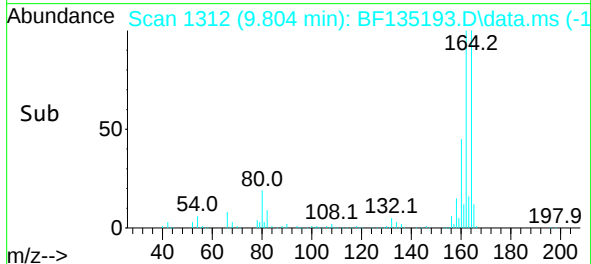
Instrument :
BNA_F
ClientSampleId :
WC-6MS



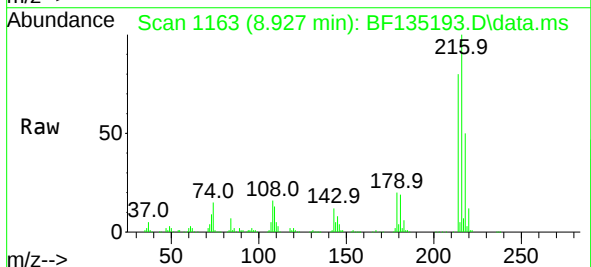
Tgt Ion:164 Resp: 249434
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 44.7 37.0 55.4

Manual Integrations
APPROVED

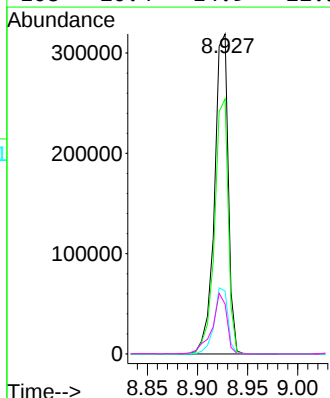
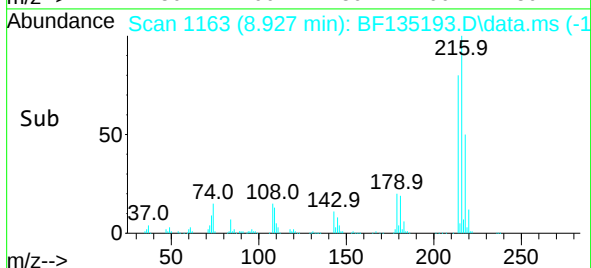
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.017 ng
RT: 8.927 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



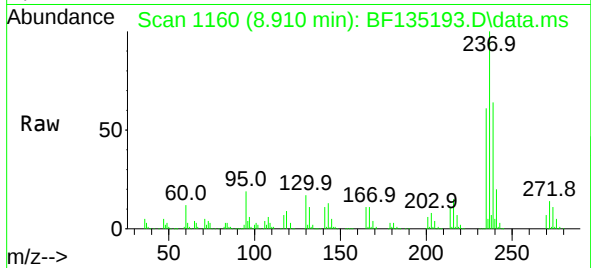
Tgt Ion:216 Resp: 303628
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.6 16.7 25.1
108 20.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 71.102 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

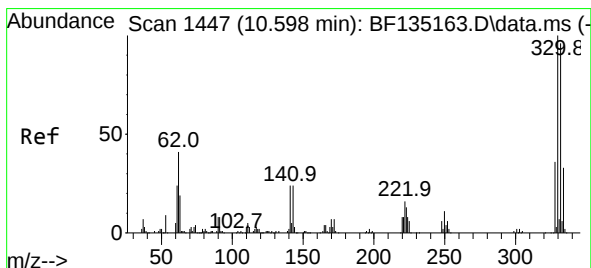
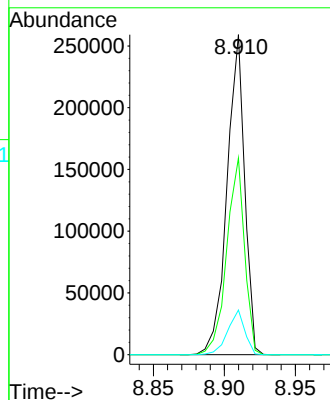
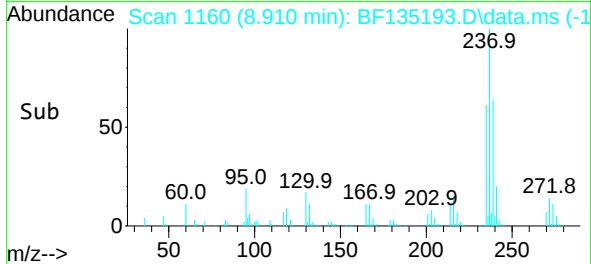
Instrument :
BNA_F
ClientSampleId :
WC-6MS



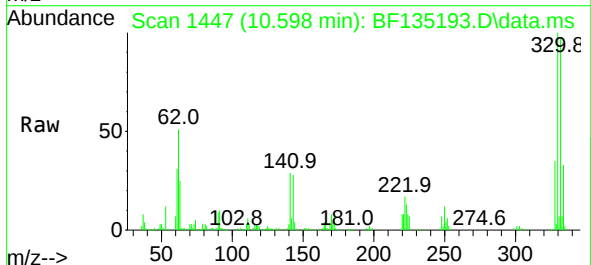
Tgt Ion: 237 Resp: 223510
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 13.9 0.0 33.6

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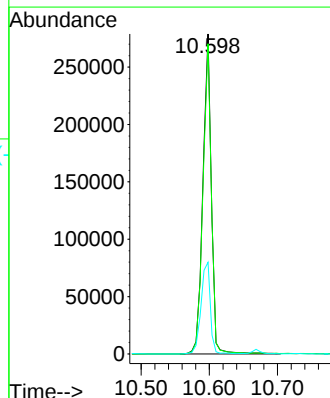
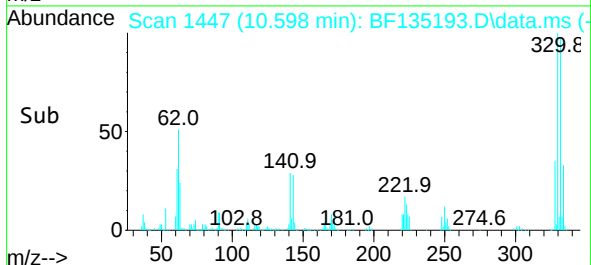
Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/13/2023

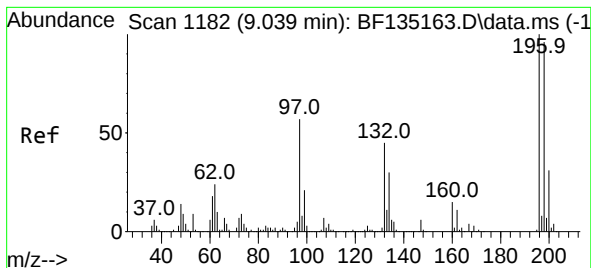


#42
2,4,6-Tribromophenol
Concen: 97.179 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



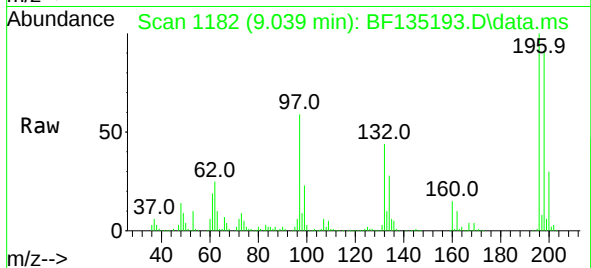
Tgt Ion: 330 Resp: 240885
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.8 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 44.909 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

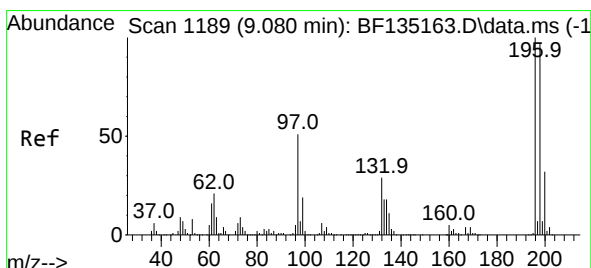
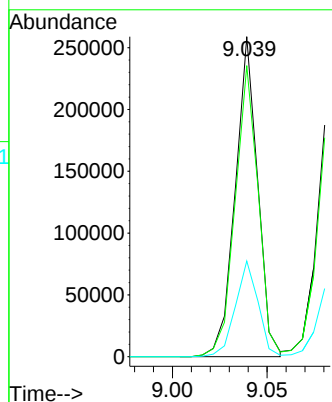
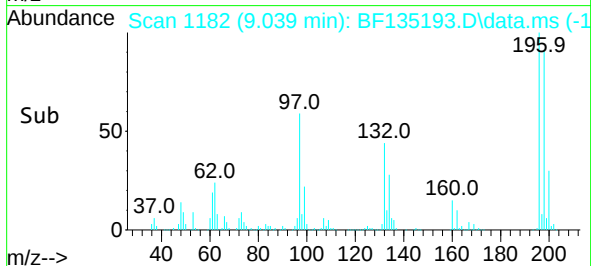
Instrument :
BNA_F
ClientSampleId :
WC-6MS



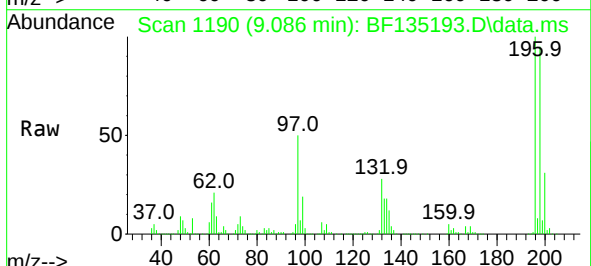
Tgt Ion:196 Resp: 212479
Ion Ratio Lower Upper
196 100
198 90.9 77.0 115.6
200 29.9 24.5 36.7

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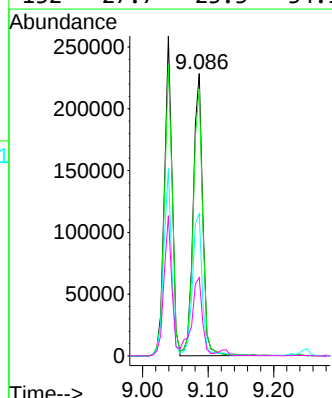
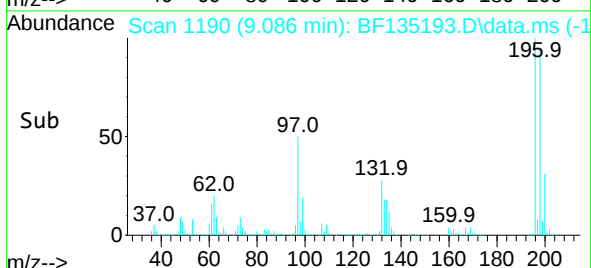
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

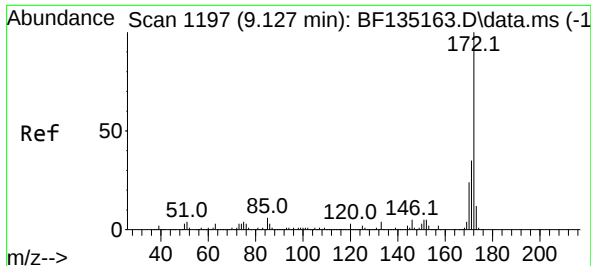


#44
2,4,5-Trichlorophenol
Concen: 42.227 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



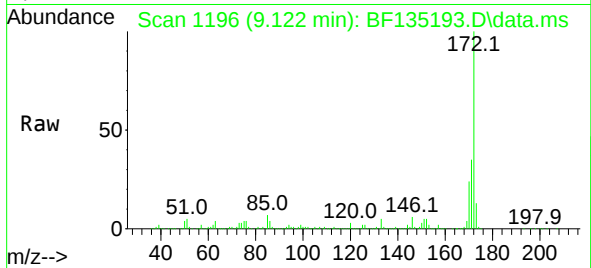
Tgt Ion:196 Resp: 230081
Ion Ratio Lower Upper
196 100
198 94.6 77.5 116.3
97 50.3 40.5 60.7
132 27.7 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 62.229 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

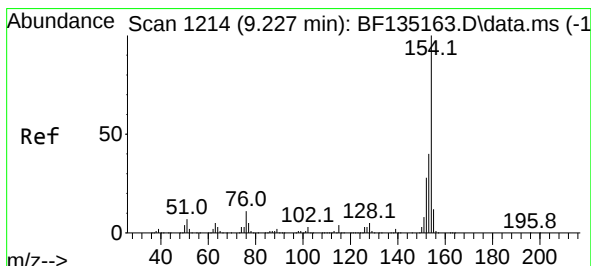
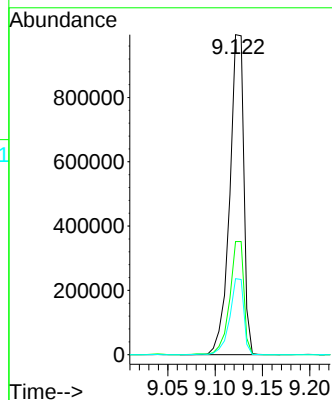
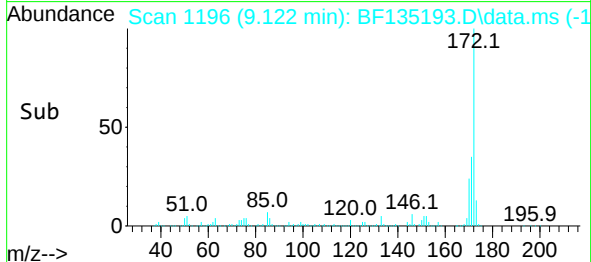
Instrument :
BNA_F
ClientSampleId :
WC-6MS



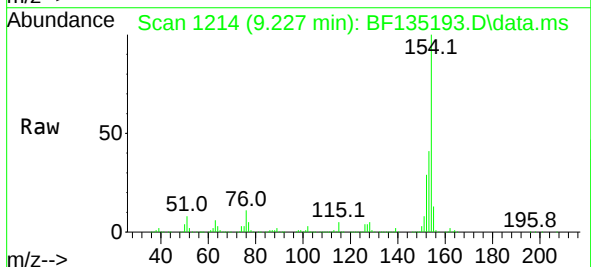
Tgt Ion:172 Resp: 102881
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.4

Manual Integrations
APPROVED

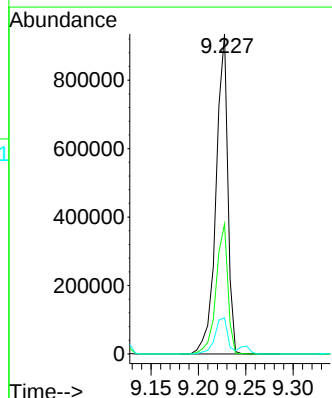
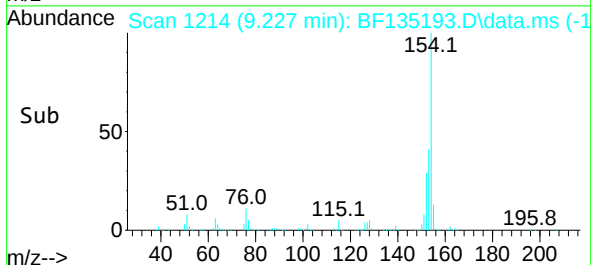
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#46
1,1'-Biphenyl
Concen: 41.926 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



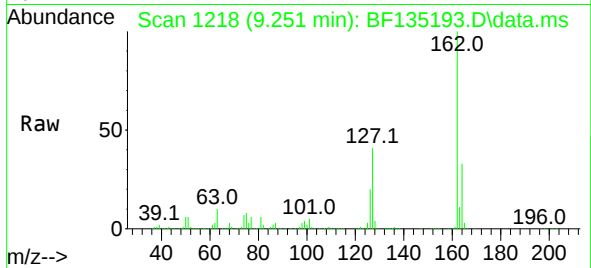
Tgt Ion:154 Resp: 803666
Ion Ratio Lower Upper
154 100
153 40.6 19.6 59.6
76 11.3 0.0 31.0





#47
2-Chloronaphthalene
Concen: 43.774 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

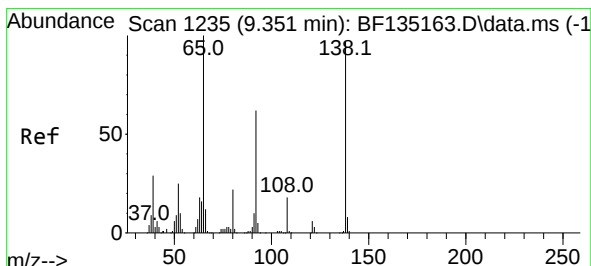
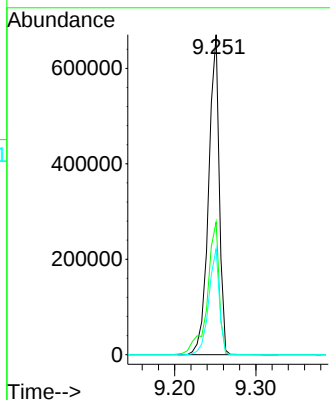
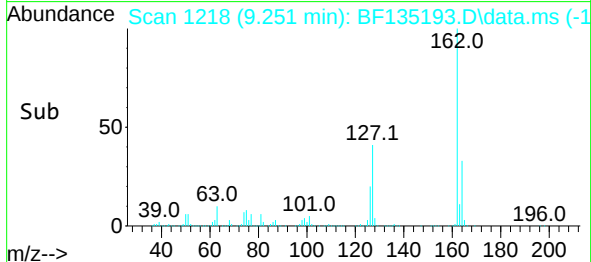
Instrument :
BNA_F
ClientSampleId :
WC-6MS



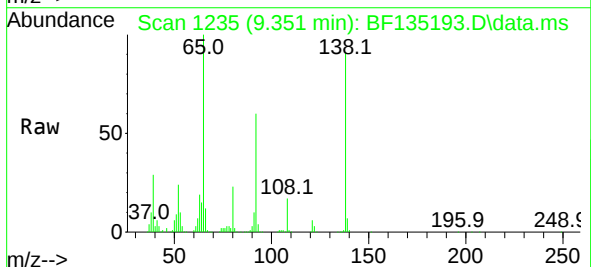
Tgt Ion:162 Resp: 608800
Ion Ratio Lower Upper
162 100
127 41.4 32.6 48.8
164 33.1 26.2 39.2

Manual Integrations
APPROVED

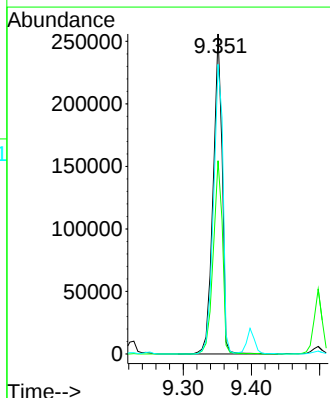
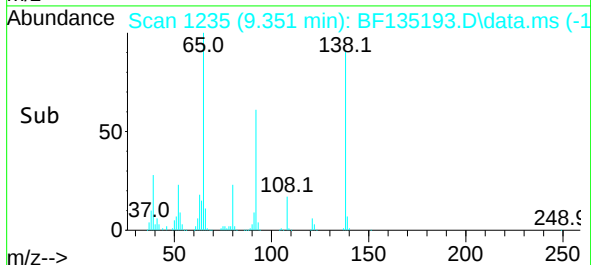
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#48
2-Nitroaniline
Concen: 43.873 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



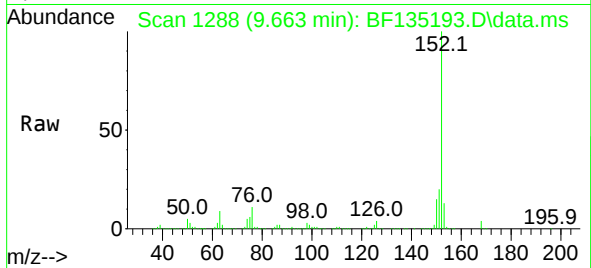
Tgt Ion: 65 Resp: 237054
Ion Ratio Lower Upper
65 100
92 60.4 49.4 74.0
138 90.5 77.4 116.0





#49
Acenaphthylene
Concen: 43.714 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

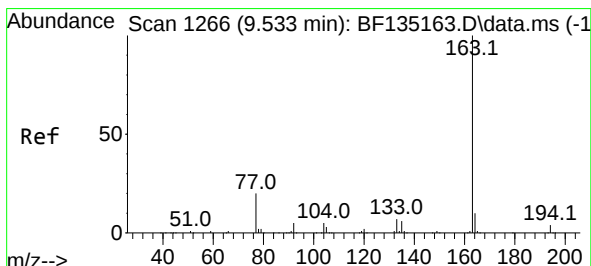
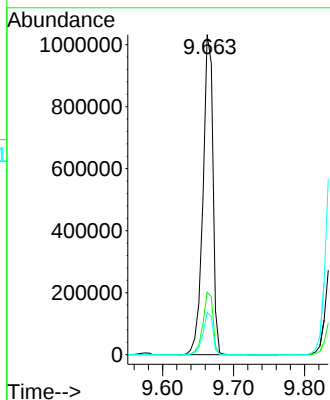
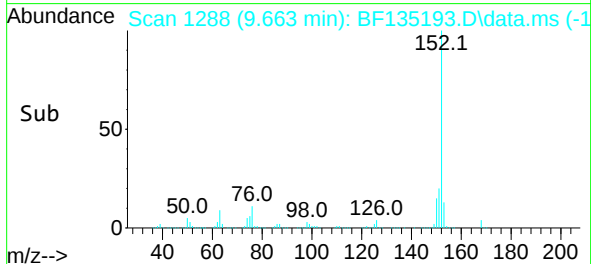
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:152 Resp: 1010399
Ion Ratio Lower Upper
152 100
151 19.5 16.4 24.6
153 13.2 10.4 15.6

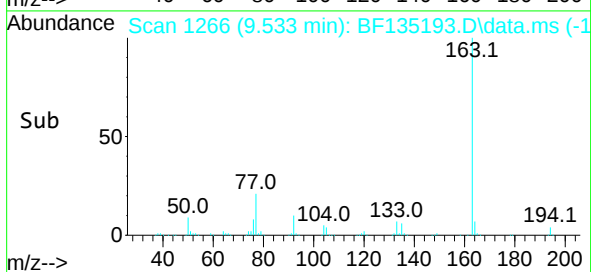
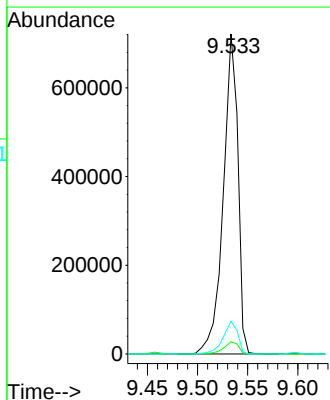
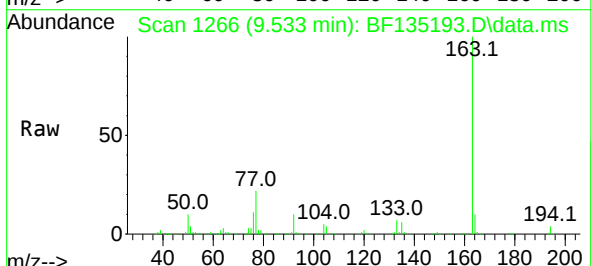
Manual Integrations
APPROVED

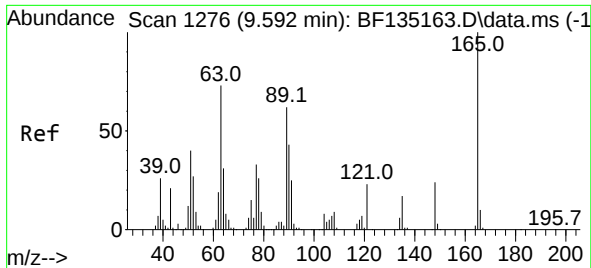
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#50
Dimethylphthalate
Concen: 43.249 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

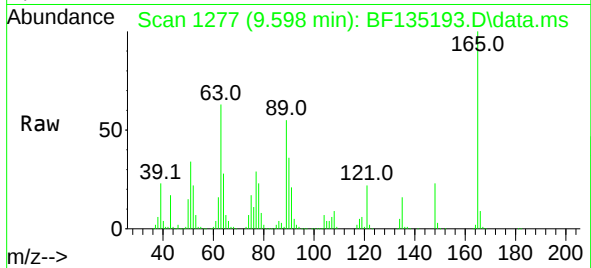
Tgt Ion:163 Resp: 729359
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.255 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

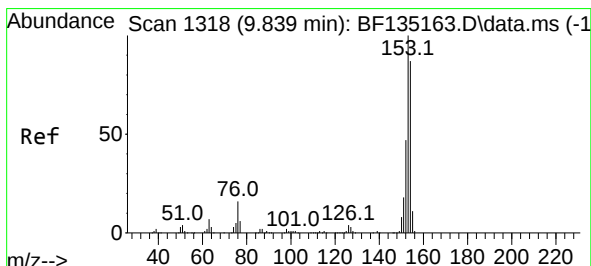
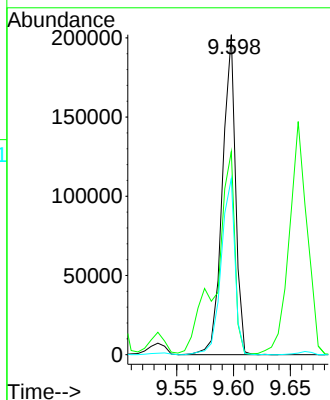
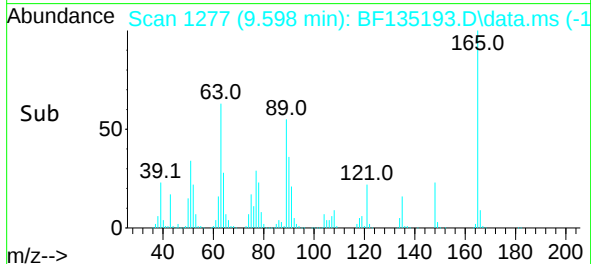
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:165 Resp: 163490
Ion Ratio Lower Upper
165 100
63 63.4 59.4 89.2
89 55.1 49.8 74.8

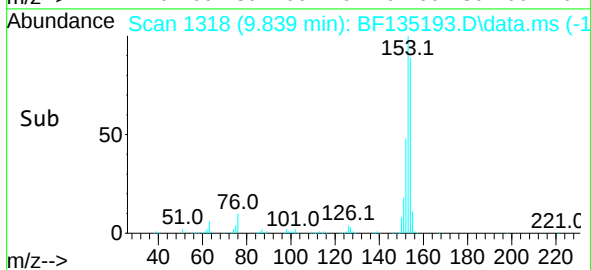
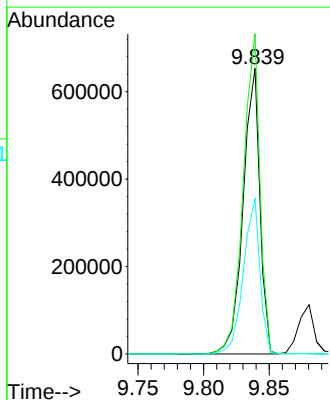
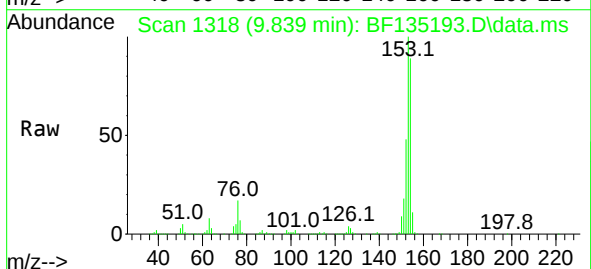
Manual Integrations
APPROVED

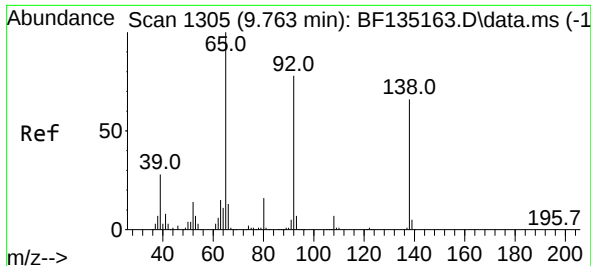
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#52
Acenaphthene
Concen: 42.655 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

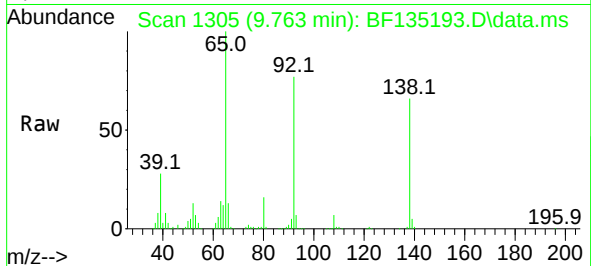
Tgt Ion:154 Resp: 582438
Ion Ratio Lower Upper
154 100
153 112.1 92.1 138.1
152 54.3 43.1 64.7





#53
3-Nitroaniline
Concen: 32.365 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

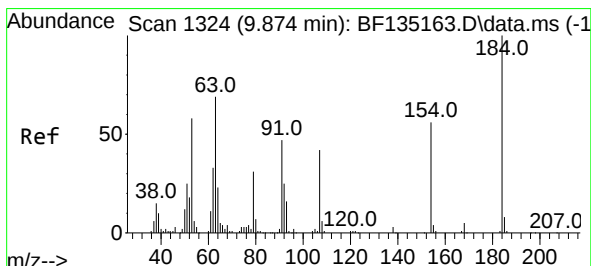
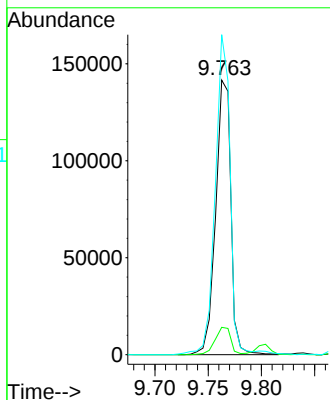
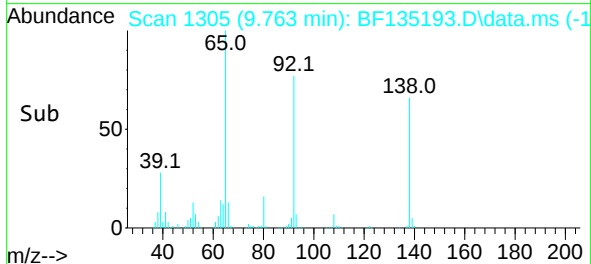
Instrument :
BNA_F
ClientSampleId :
WC-6MS



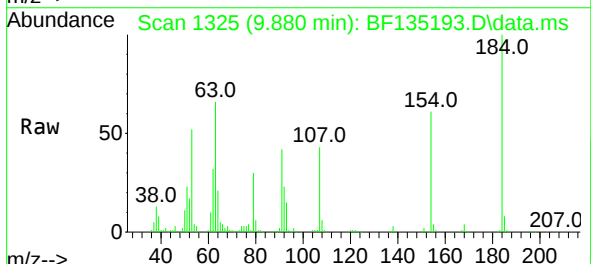
Tgt Ion:138 Resp: 14035
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 116.5 95.4 143.0

Manual Integrations
APPROVED

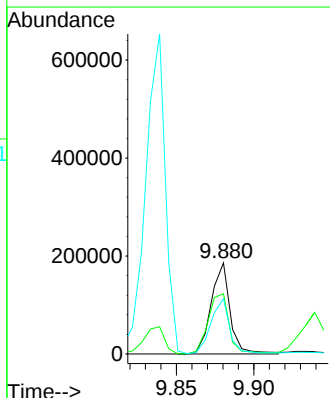
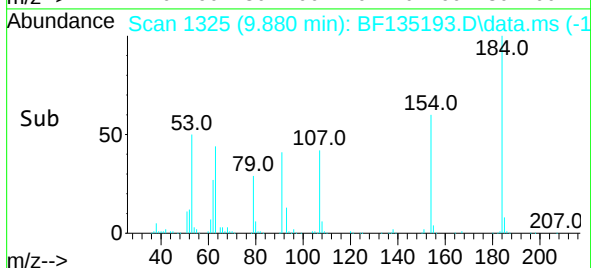
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

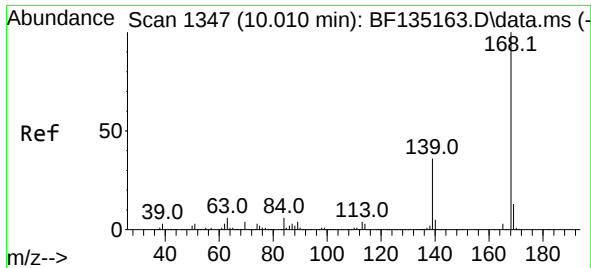


#54
2,4-Dinitrophenol
Concen: 75.650 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



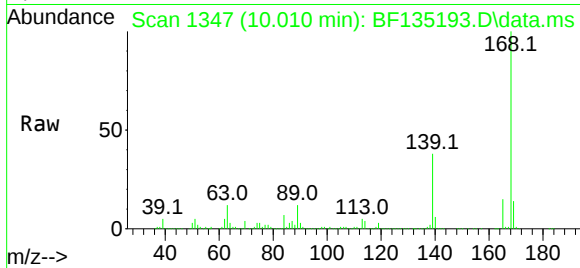
Tgt Ion:184 Resp: 157887
Ion Ratio Lower Upper
184 100
63 66.1 55.1 82.7
154 60.6 48.4 72.6





#55
Dibenzofuran
Concen: 40.989 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

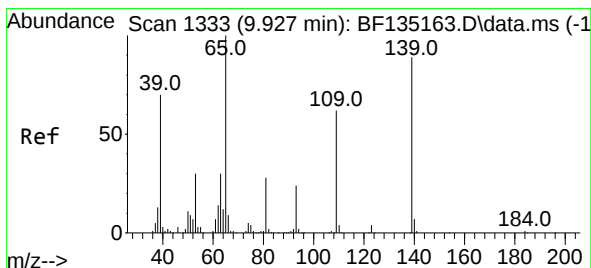
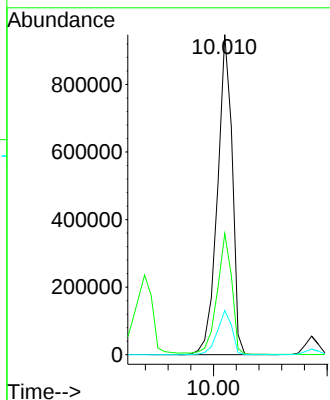
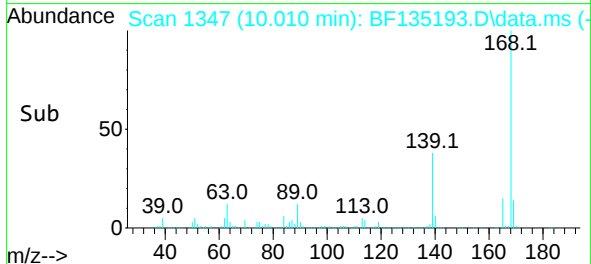
Instrument :
BNA_F
ClientSampleId :
WC-6MS



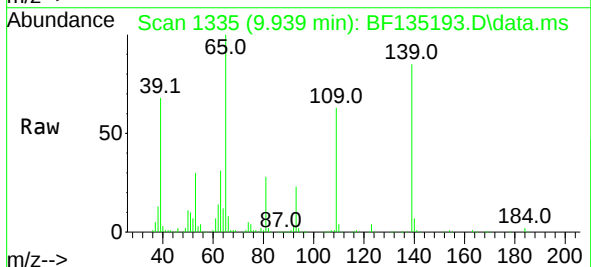
Tgt Ion:168 Resp: 854072
Ion Ratio Lower Upper
168 100
139 37.8 29.0 43.6
169 13.8 10.4 15.6

Manual Integrations
APPROVED

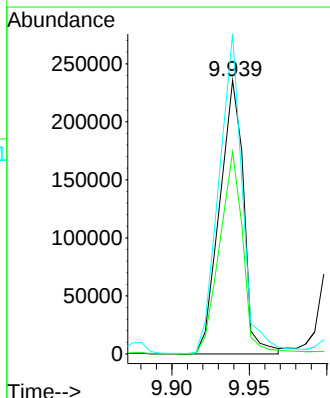
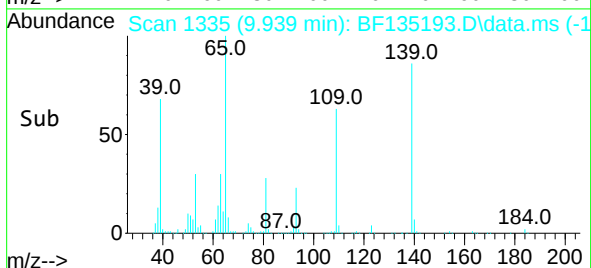
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

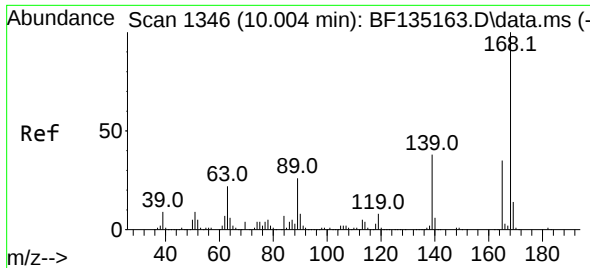


#56
4-Nitrophenol
Concen: 91.953 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion:139 Resp: 253435
Ion Ratio Lower Upper
139 100
109 73.9 49.8 89.8
65 117.0 92.7 132.7





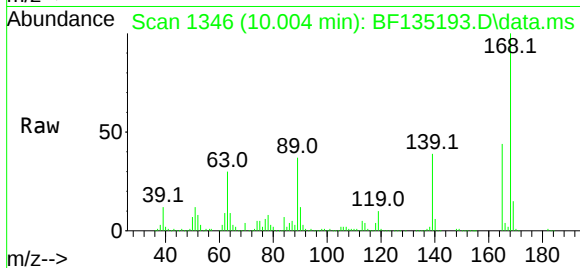
#57
2,4-Dinitrotoluene
Concen: 43.402 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS



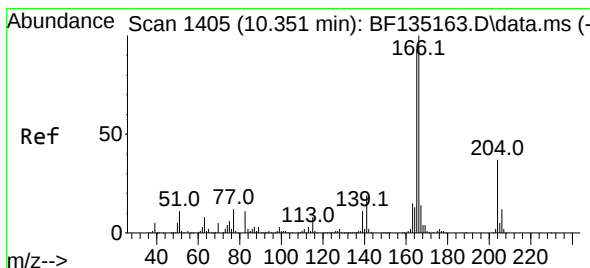
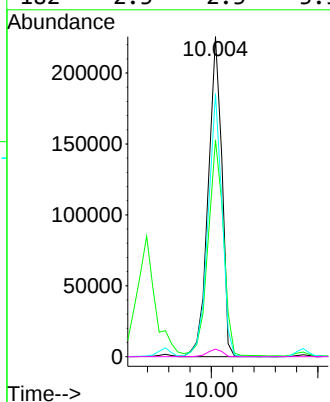
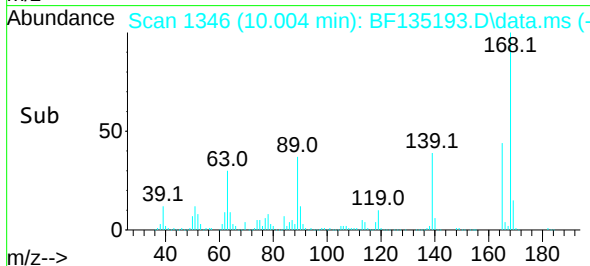
Tgt Ion:165 Resp: 200735
Ion Ratio Lower Upper
165 100
63 67.8 50.1 75.1
89 82.2 59.3 88.9
182 2.3 2.3 3.5

Manual Integrations

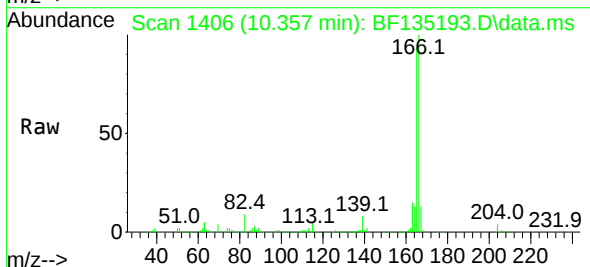
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

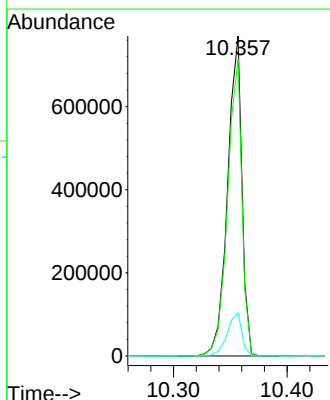
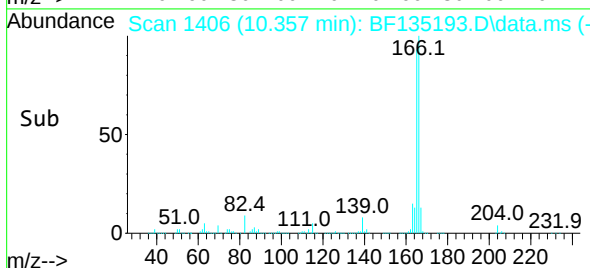
Supervised By :mohammad ahmed 09/13/2023

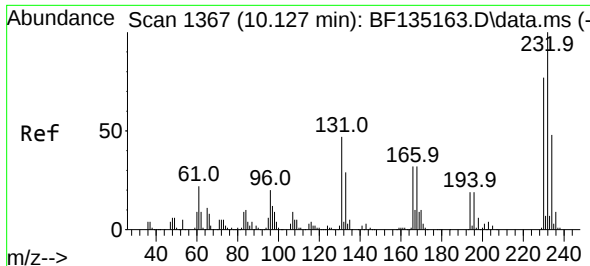


#58
Fluorene
Concen: 42.071 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



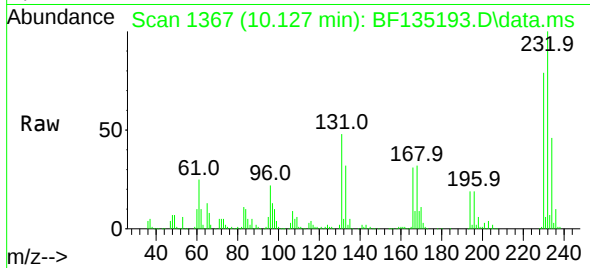
Tgt Ion:166 Resp: 673905
Ion Ratio Lower Upper
166 100
165 92.7 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.613 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

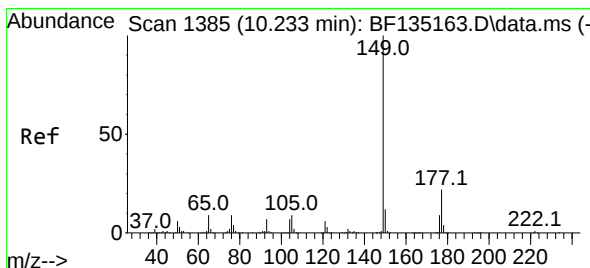
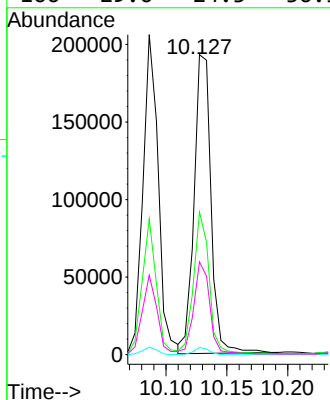
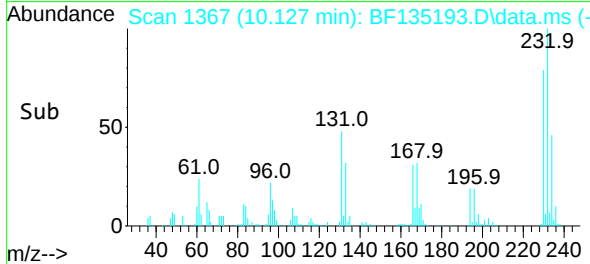
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:232 Resp: 186988
Ion Ratio Lower Upper
232 100
131 44.1 35.4 53.2
130 2.2 1.8 2.8
166 29.6 24.3 36.5

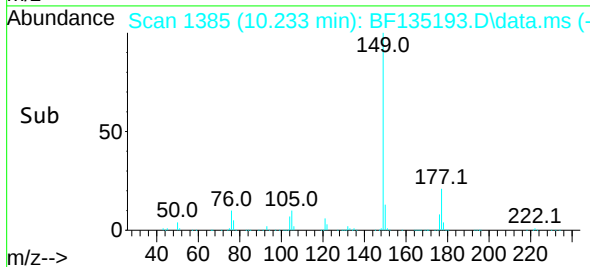
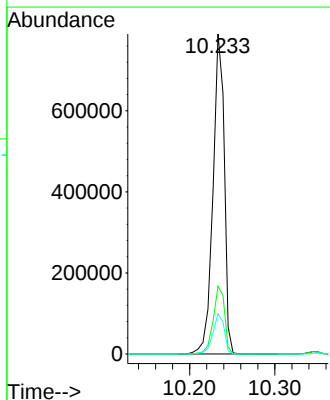
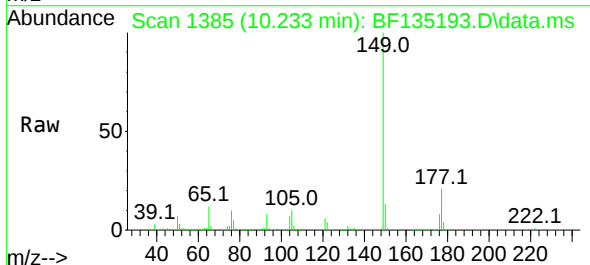
Manual Integrations
APPROVED

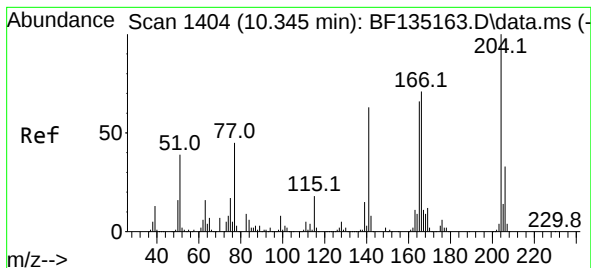
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#60
Diethylphthalate
Concen: 43.038 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

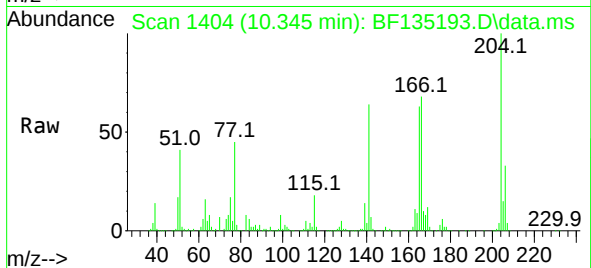
Tgt Ion:149 Resp: 728414
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.631 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

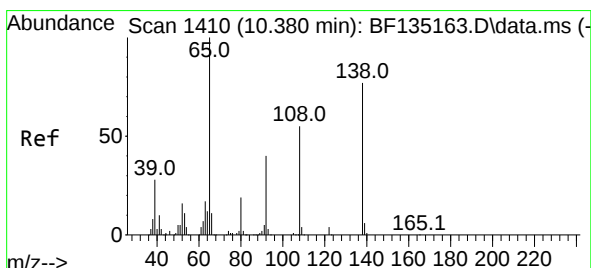
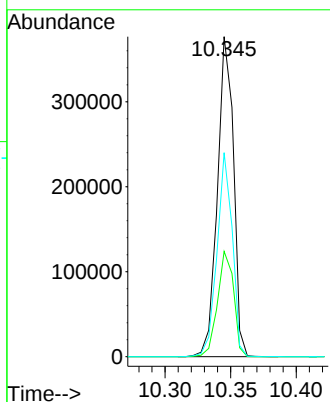
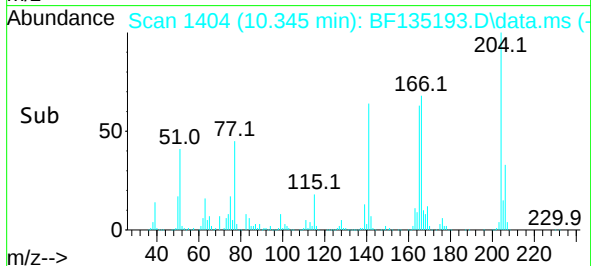
Instrument :
BNA_F
ClientSampleId :
WC-6MS



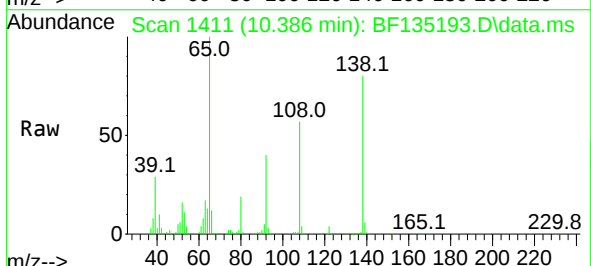
Tgt Ion:204 Resp: 320335
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 63.7 50.6 75.8

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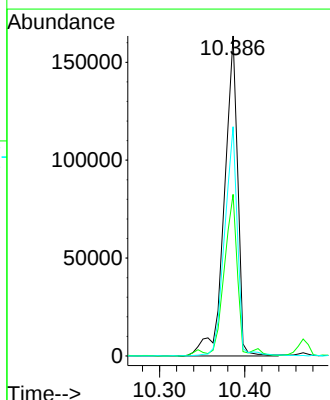
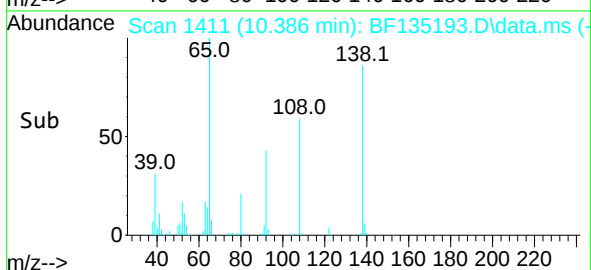
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

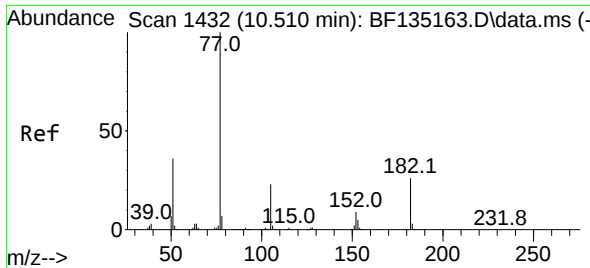


#62
4-Nitroaniline
Concen: 42.885 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion:138 Resp: 178768
Ion Ratio Lower Upper
138 100
92 50.5 31.8 71.8
108 71.6 52.0 92.0





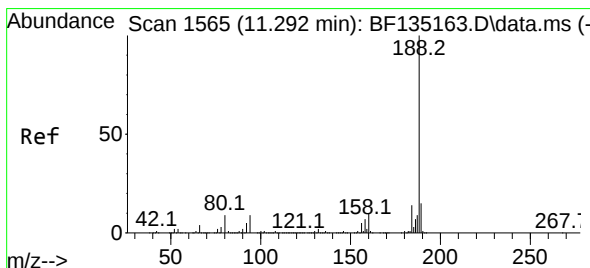
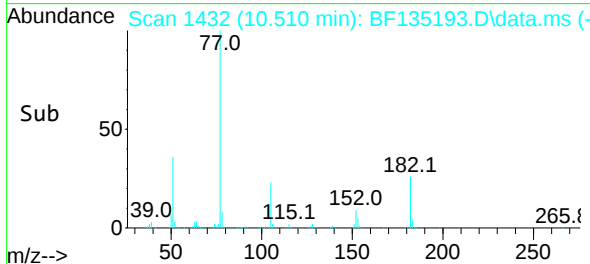
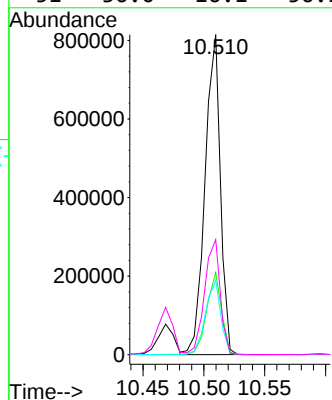
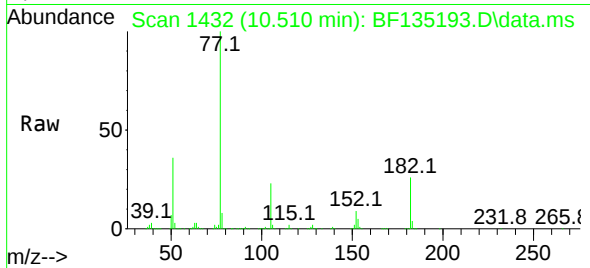
#63
Azobenzene
Concen: 43.156 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion: 77 Resp: 714835
Ion Ratio Lower Upper
77 100
182 25.6 6.4 46.4
105 23.2 3.1 43.1
51 36.0 16.1 56.1

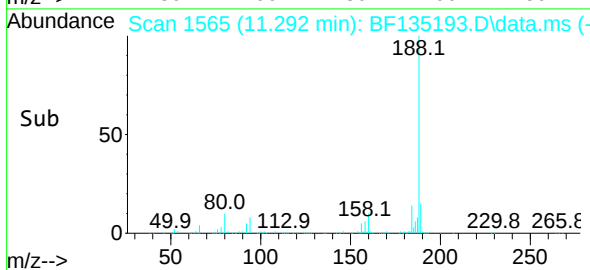
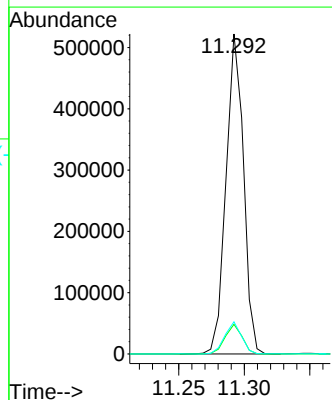
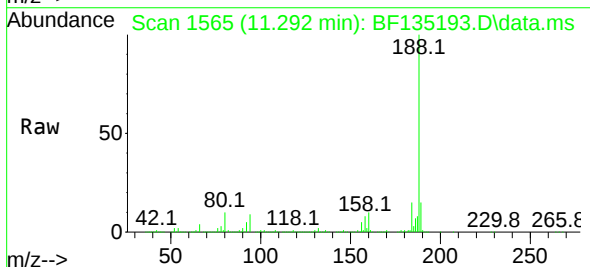
Manual Integrations
APPROVED

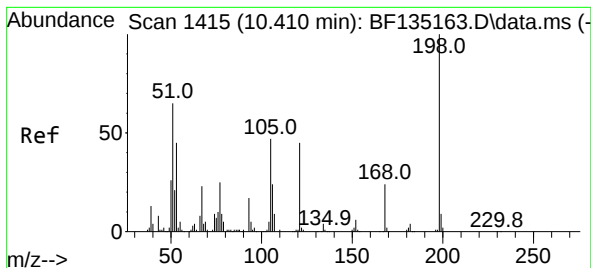
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Tgt Ion:188 Resp: 482835
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.1 7.5 11.3





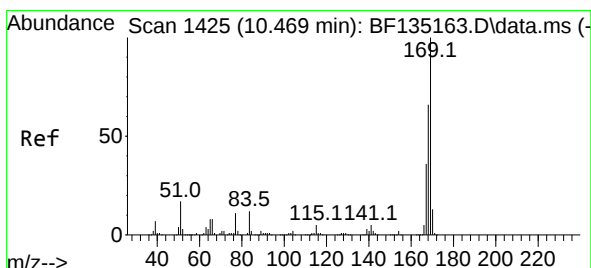
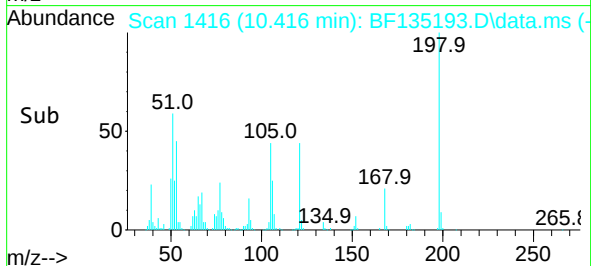
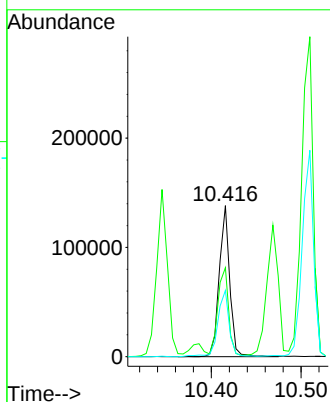
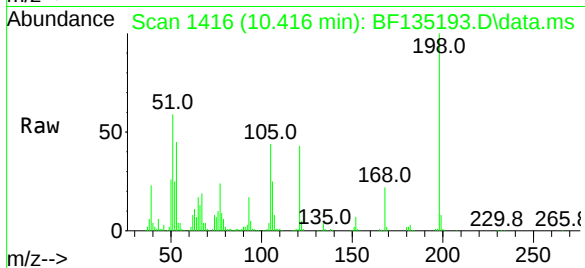
#65
4,6-Dinitro-2-methylphenol
Concen: 43.679 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Tgt Ion:198 Resp: 112014
Ion Ratio Lower Upper
198 100
51 58.9 47.7 87.7
105 43.8 27.4 67.4

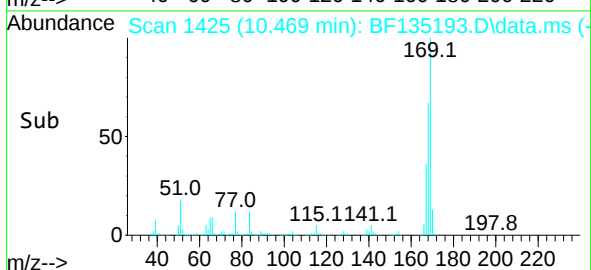
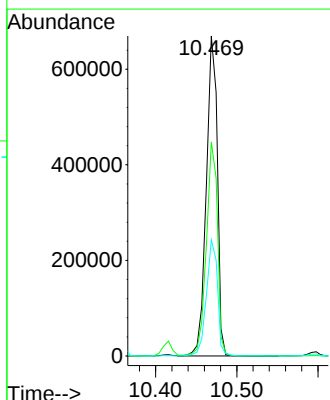
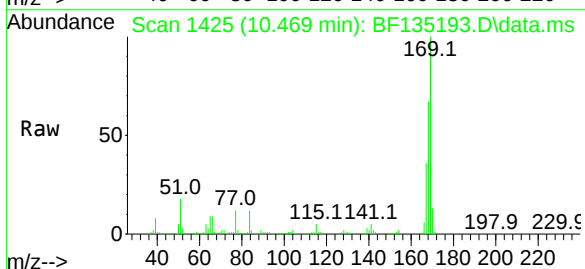
Manual Integrations
APPROVED

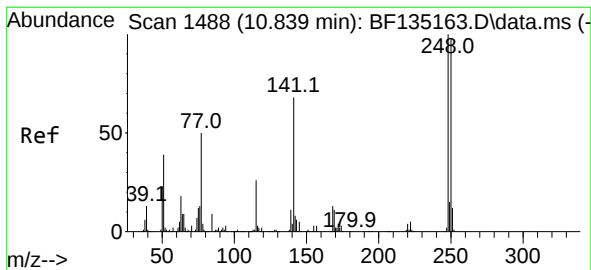
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 43.107 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

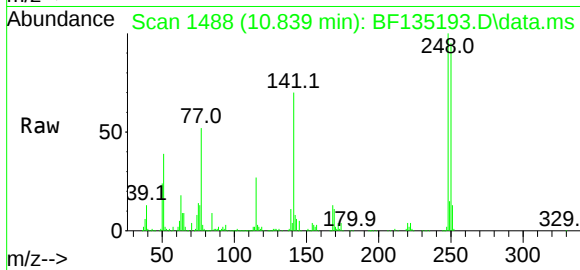
Tgt Ion:169 Resp: 630129
Ion Ratio Lower Upper
169 100
168 66.9 52.8 79.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.274 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

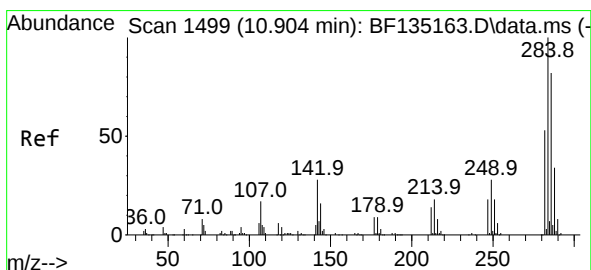
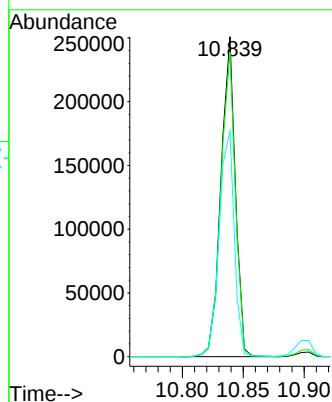
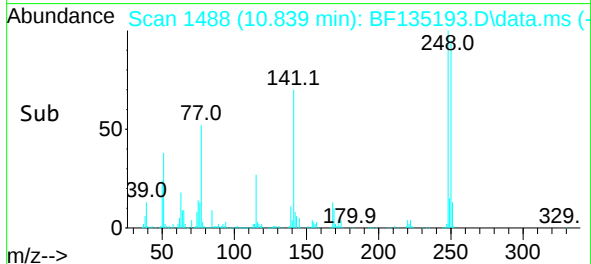
Instrument :
BNA_F
ClientSampleId :
WC-6MS



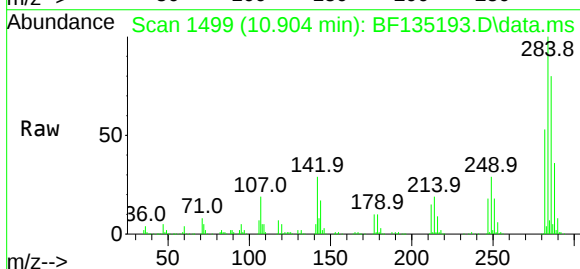
Tgt Ion:248 Resp: 207809
Ion Ratio Lower Upper
248 100
250 95.2 78.6 117.8
141 70.4 54.2 81.2

Manual Integrations
APPROVED

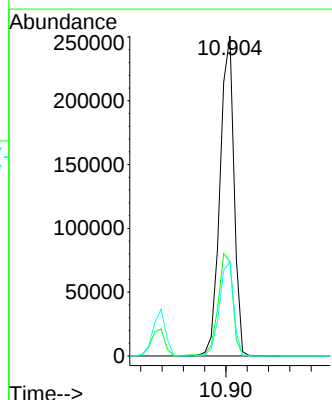
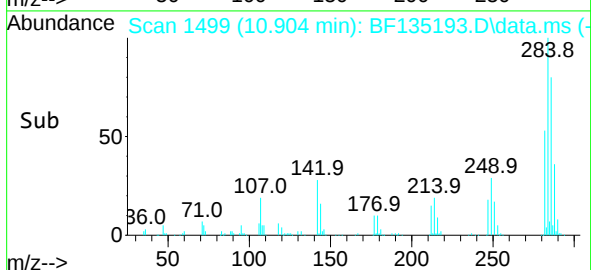
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

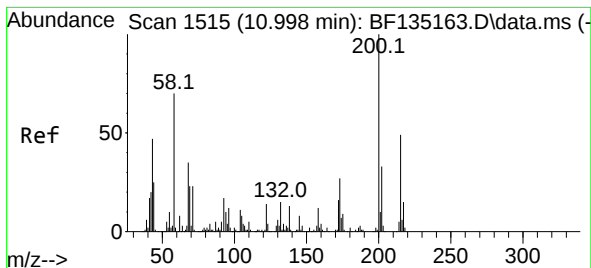


#68
Hexachlorobenzene
Concen: 46.780 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion:284 Resp: 228860
Ion Ratio Lower Upper
284 100
142 29.4 22.2 33.4
249 29.4 22.5 33.7





#69

Atrazine

Concen: 50.814 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:200 Resp: 19986

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

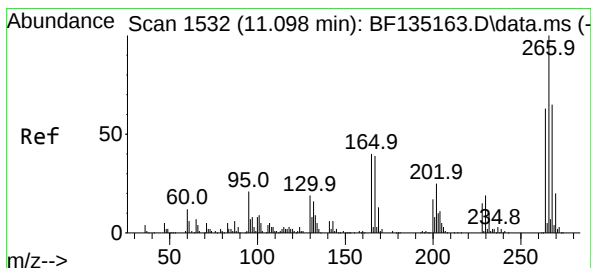
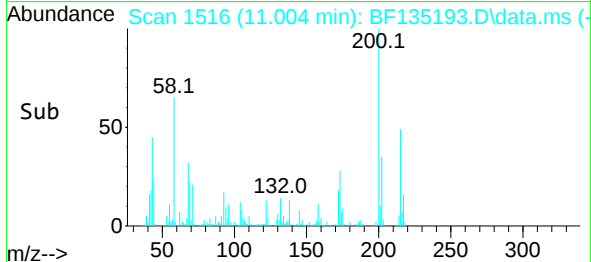
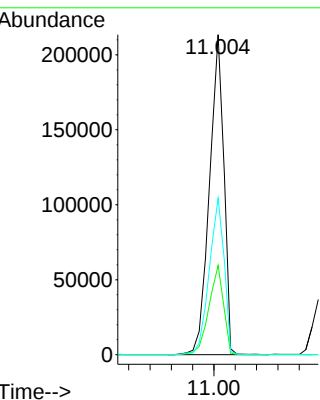
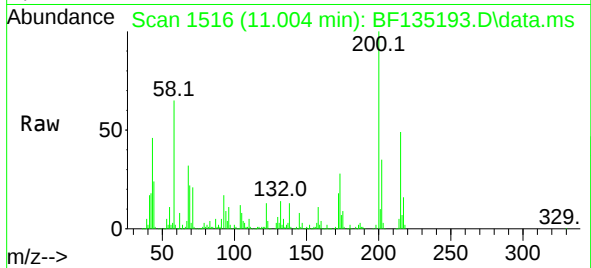
215 48.9 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 71.567 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

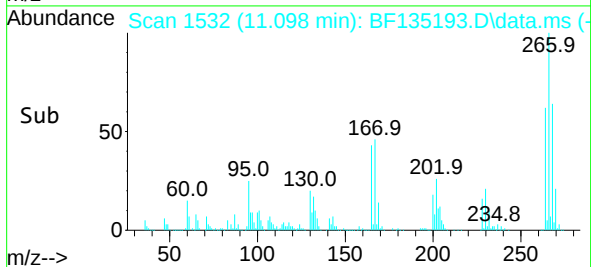
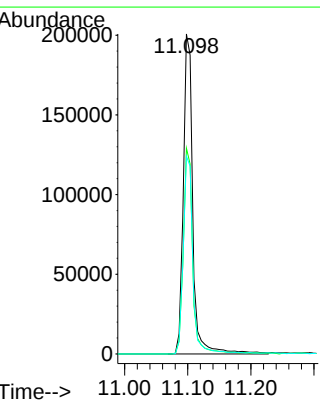
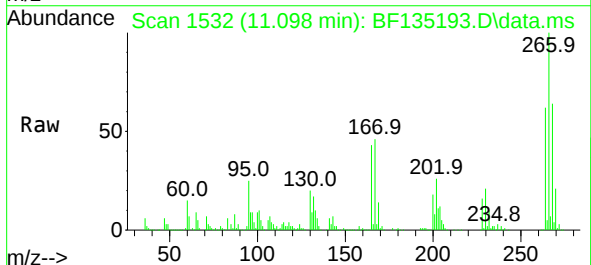
Tgt Ion:266 Resp: 209480

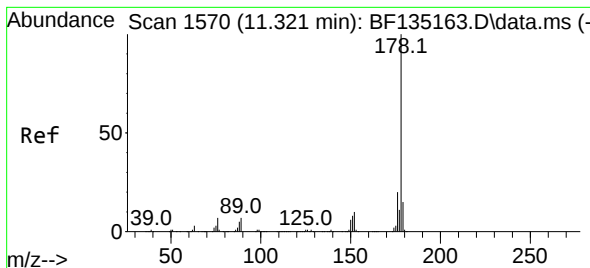
Ion Ratio Lower Upper

266 100

268 64.3 52.1 78.1

264 61.8 50.8 76.2





#71

Phenanthrene

Concen: 45.030 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:178 Resp: 102831

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

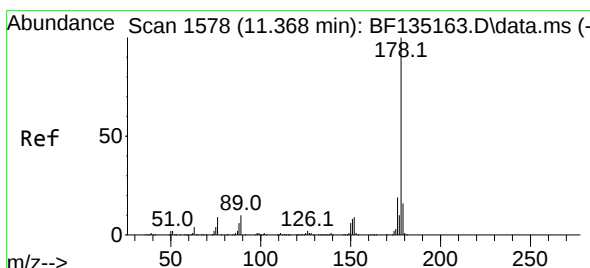
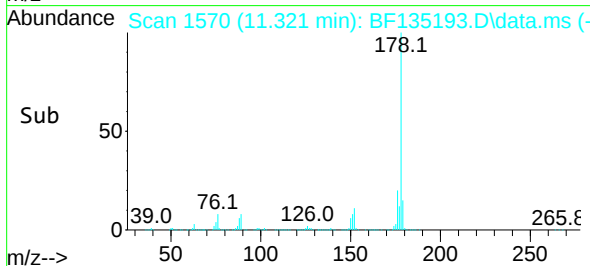
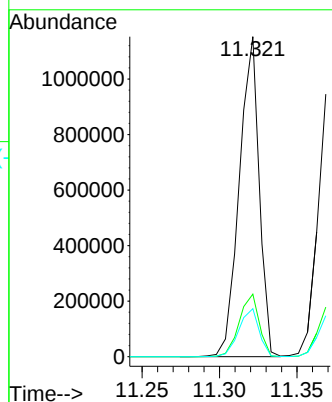
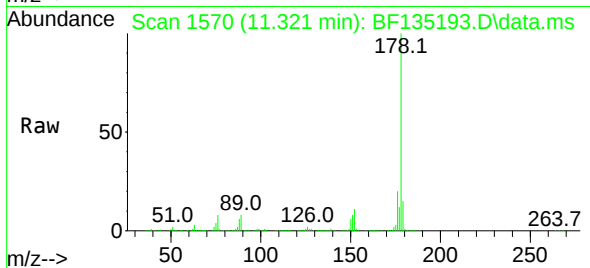
179 15.0 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#72

Anthracene

Concen: 43.209 ng

RT: 11.374 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

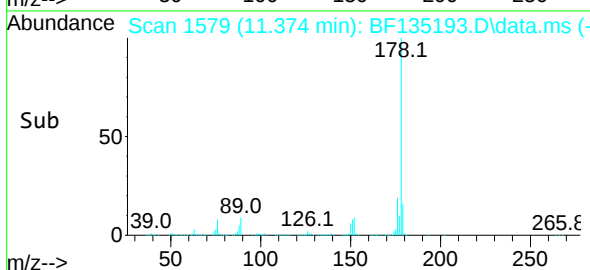
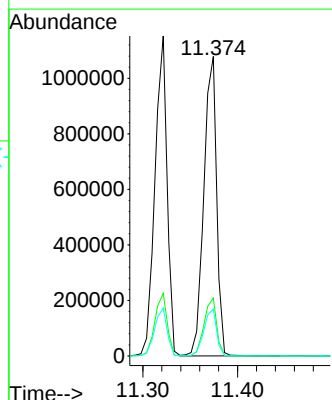
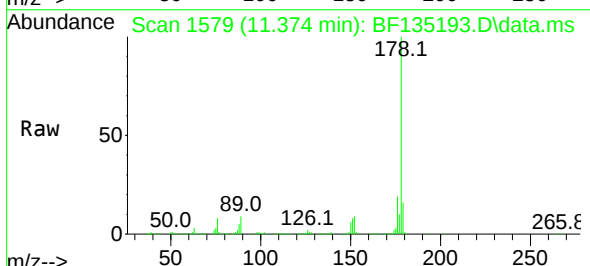
Tgt Ion:178 Resp: 1014236

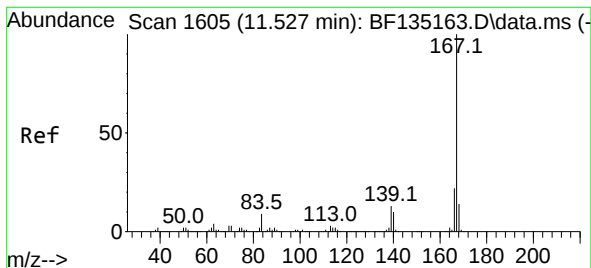
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.7 12.6 19.0





#73

Carbazole

Concen: 45.425 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:167 Resp: 97064

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

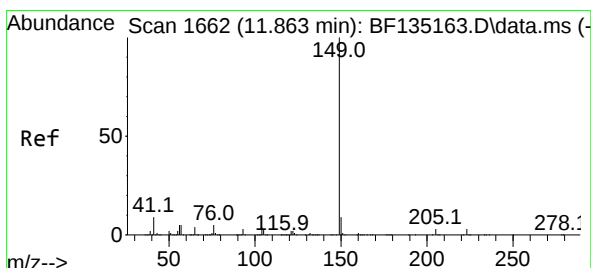
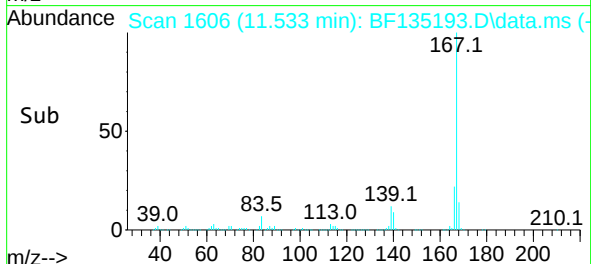
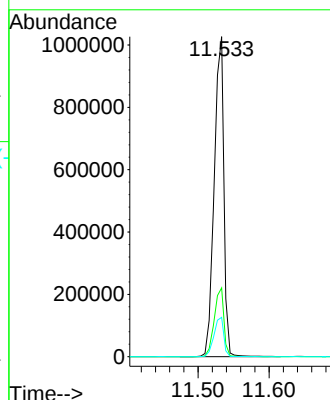
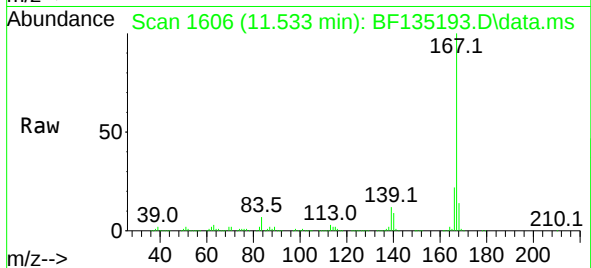
139 12.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#74

Di-n-butylphthalate

Concen: 44.956 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

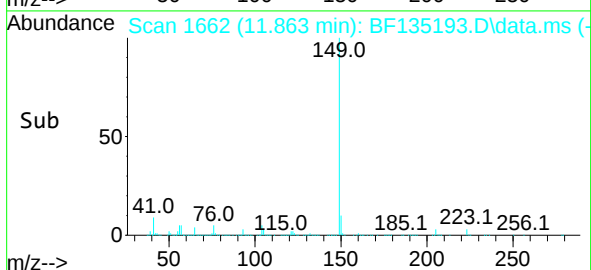
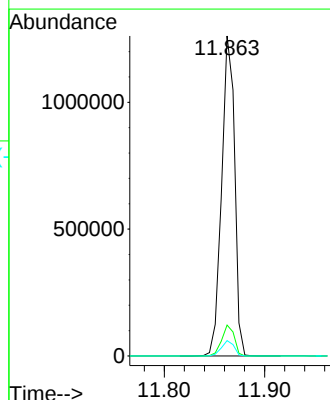
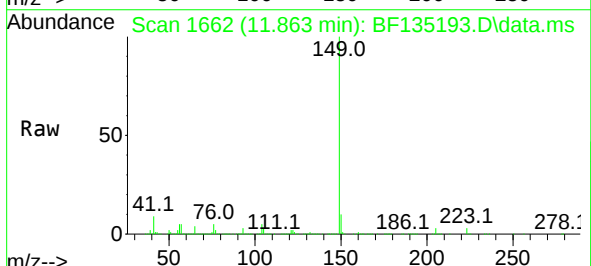
Tgt Ion:149 Resp: 1131939

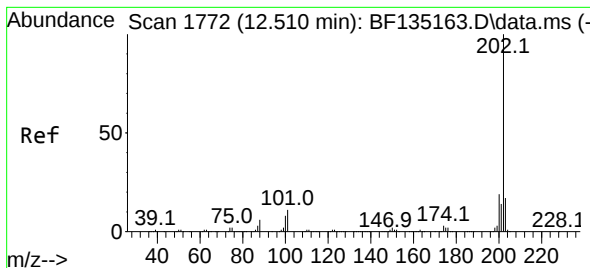
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

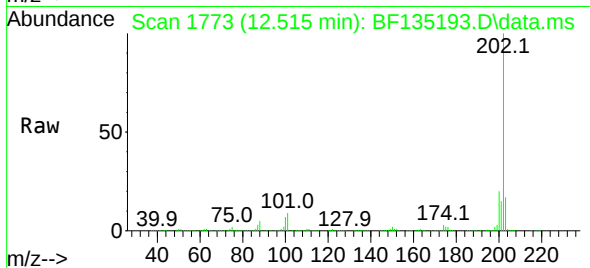
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 45.345 ng
RT: 12.515 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

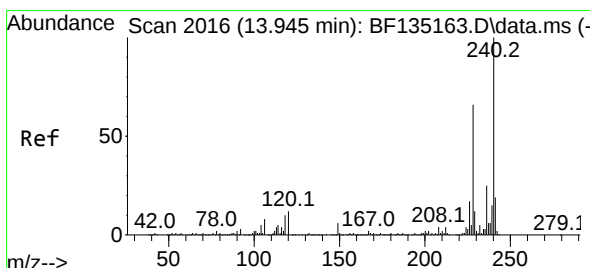
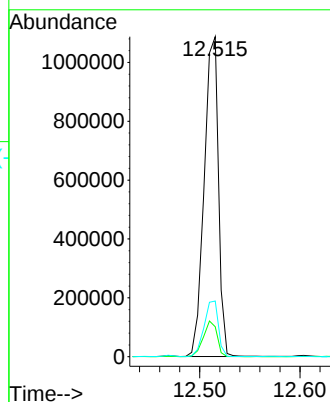
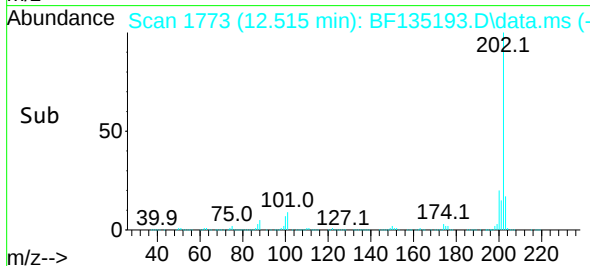
Instrument :
BNA_F
ClientSampleId :
WC-6MS



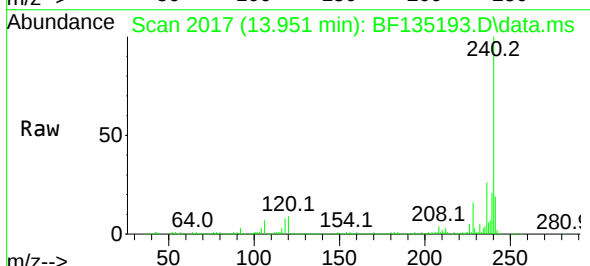
Tgt Ion:202 Resp: 1078978
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.3
203 17.4 0.0 37.4

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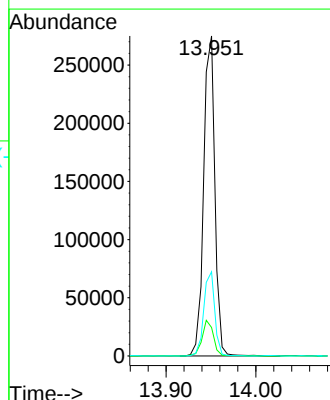
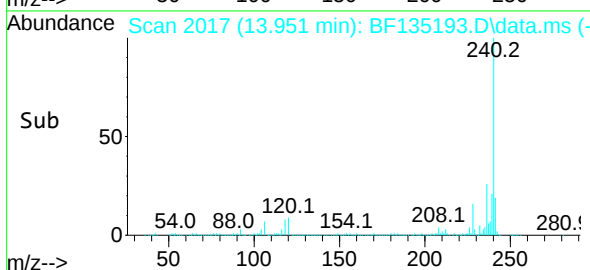
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

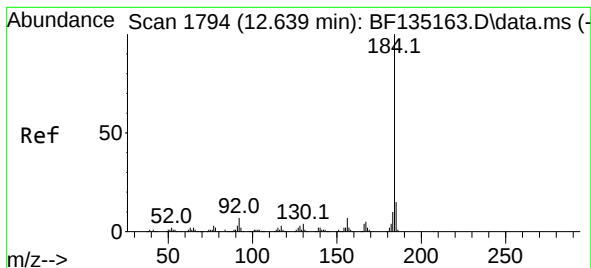


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion:240 Resp: 238837
Ion Ratio Lower Upper
240 100
120 8.9 9.4 14.2#
236 26.3 19.8 29.8





#77

Benzidine

Concen: 42.974 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

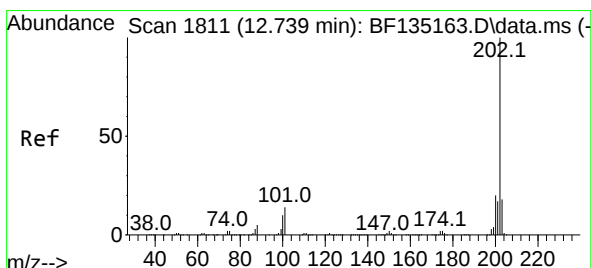
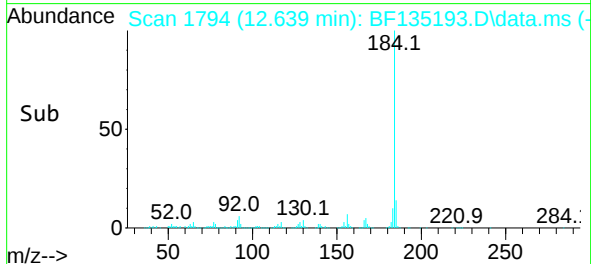
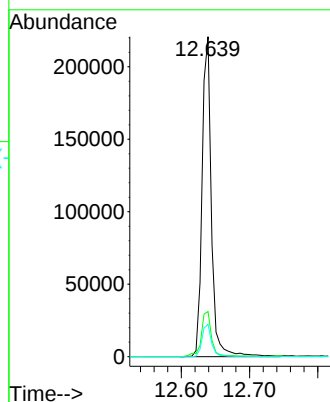
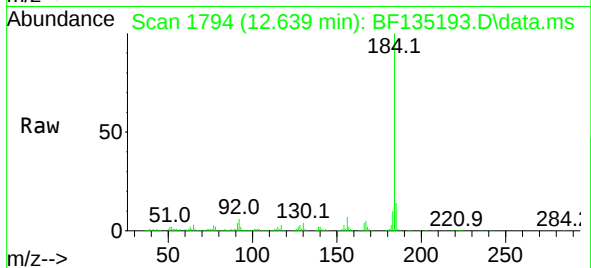
Tgt Ion:184 Resp: 210272
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.7 17.5
 183 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#78

Pyrene

Concen: 46.732 ng

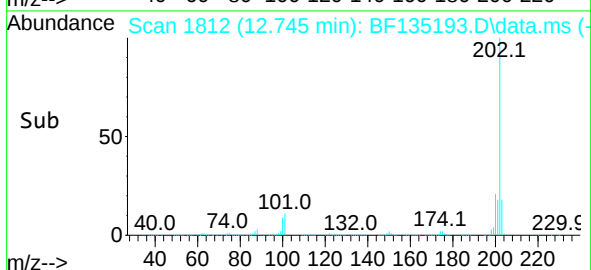
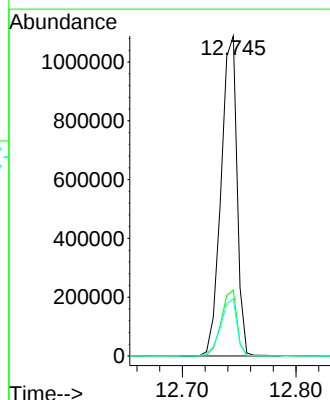
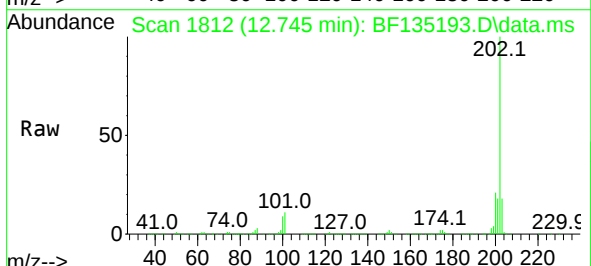
RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Tgt Ion:202 Resp: 1062640
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.2 24.2
 203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 67.901 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135193.D

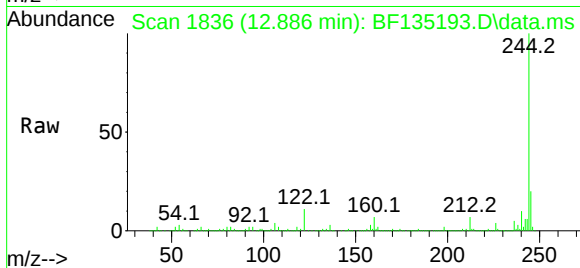
Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS



Tgt Ion:244 Resp: 104614

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

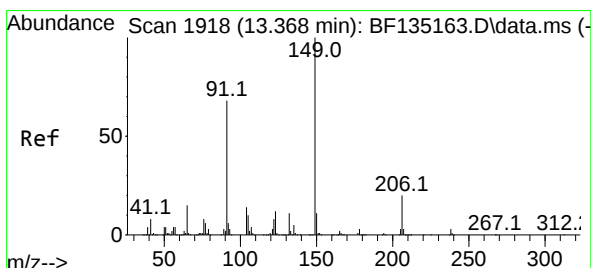
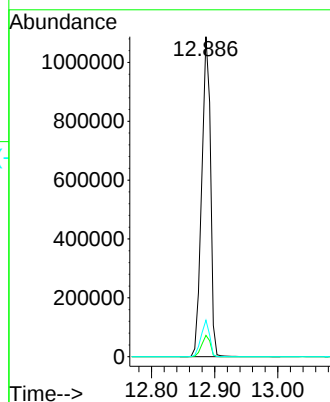
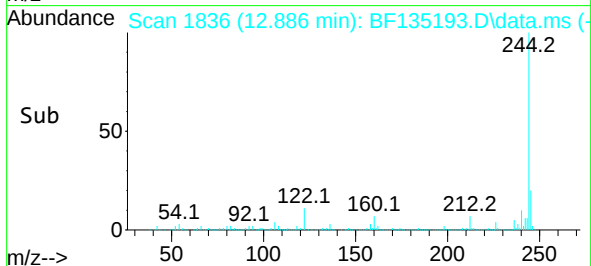
122 11.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#80

Butylbenzylphthalate

Concen: 50.574 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

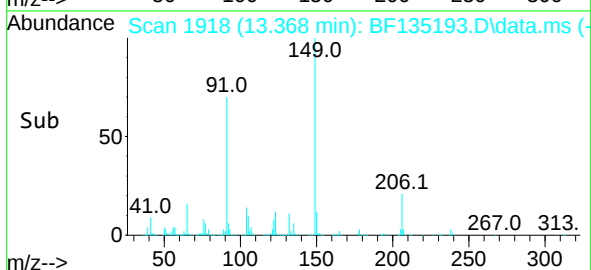
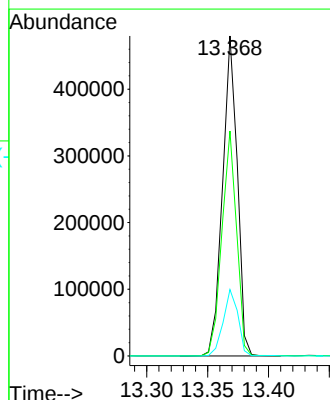
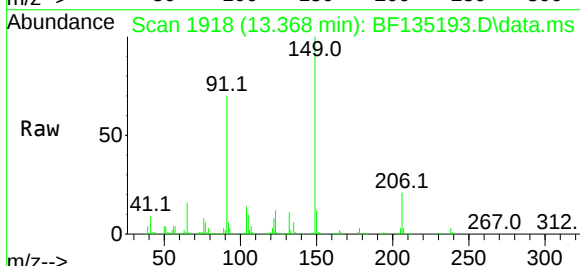
Tgt Ion:149 Resp: 404898

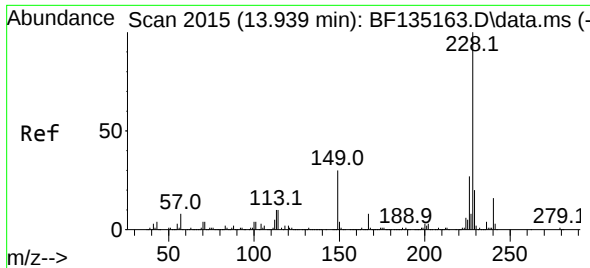
Ion Ratio Lower Upper

149 100

91 70.3 54.7 82.1

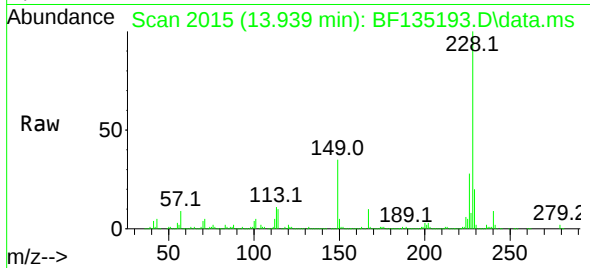
206 20.8 16.3 24.5





#81
Benzo(a)anthracene
Concen: 44.719 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

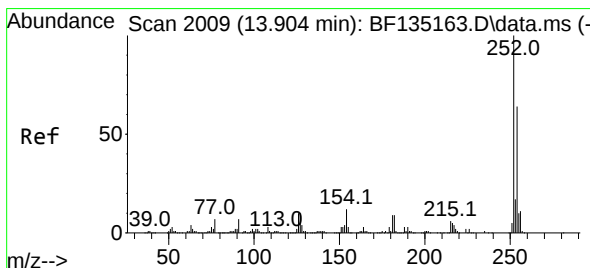
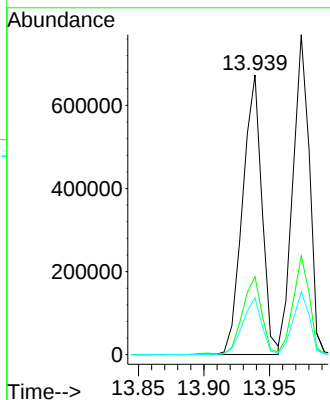
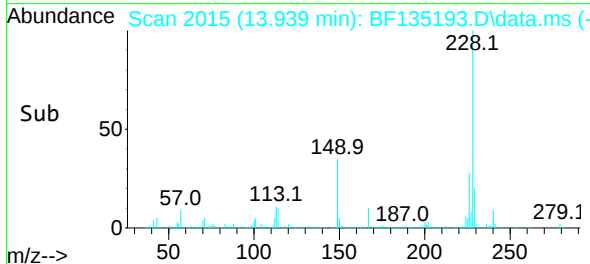
Instrument :
BNA_F
ClientSampleId :
WC-6MS



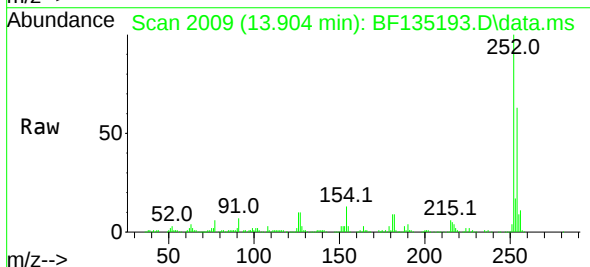
Tgt Ion:228 Resp: 689672
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.3 15.8 23.8

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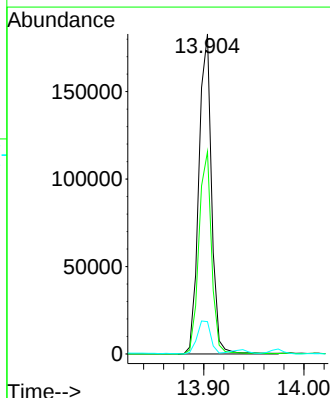
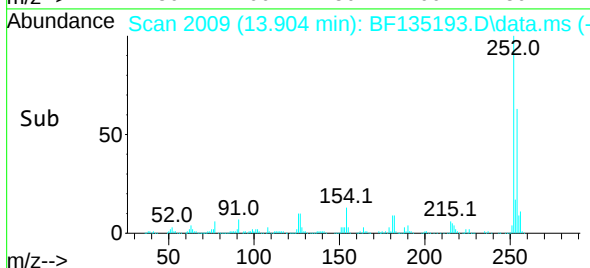
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

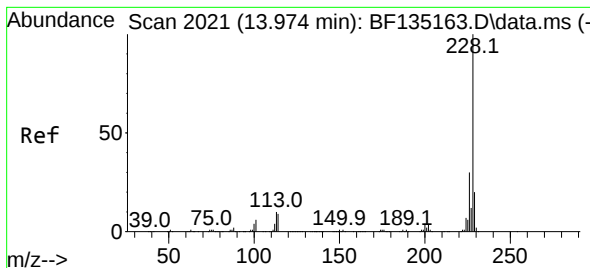


#82
3,3'-Dichlorobenzidine
Concen: 33.597 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion:252 Resp: 161845
Ion Ratio Lower Upper
252 100
254 63.2 51.0 76.4
126 10.1 7.8 11.8





#83

Chrysene

Concen: 43.813 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

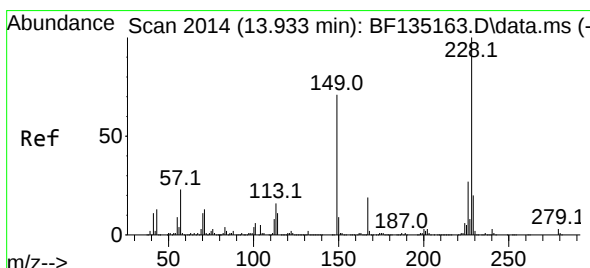
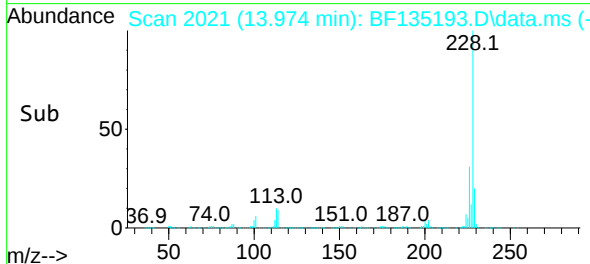
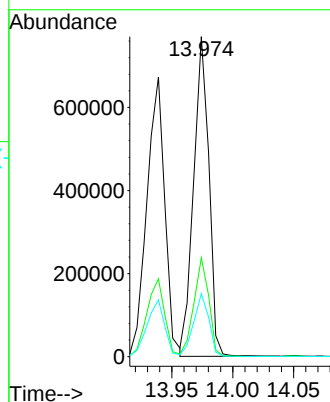
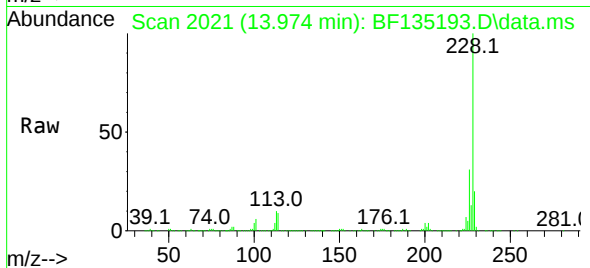
Tgt Ion:	228	Resp:	67180
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.3	36.5
229	19.7	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.299 ng

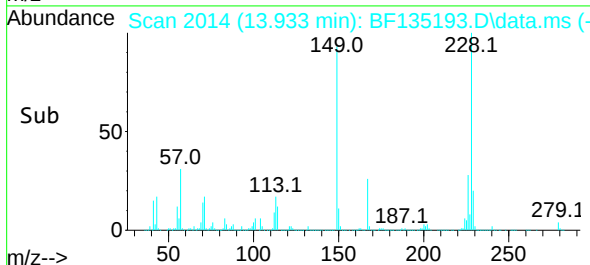
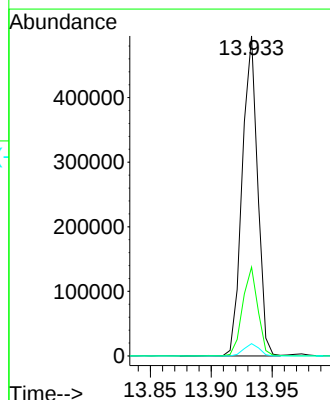
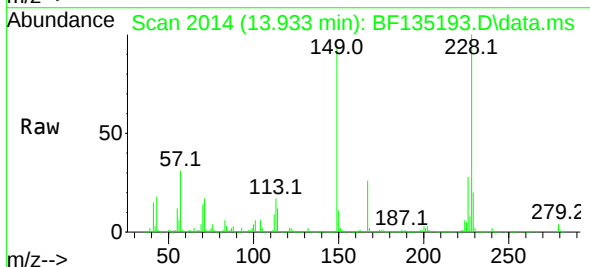
RT: 13.933 min Scan# 2014

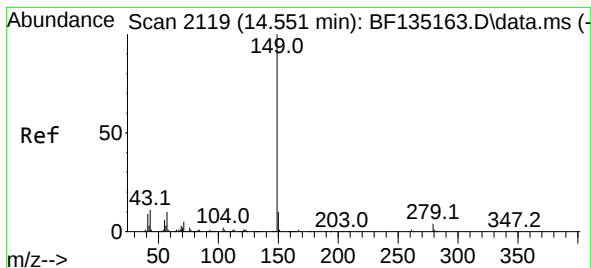
Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

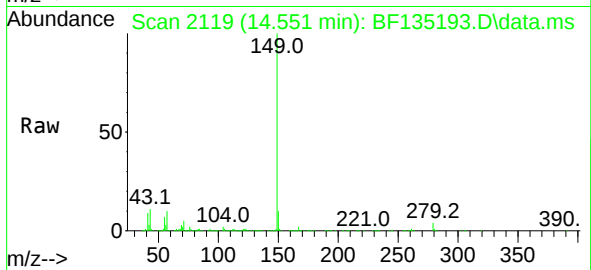
Tgt Ion:	149	Resp:	437881
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.9	32.9
279	3.8	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 53.259 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

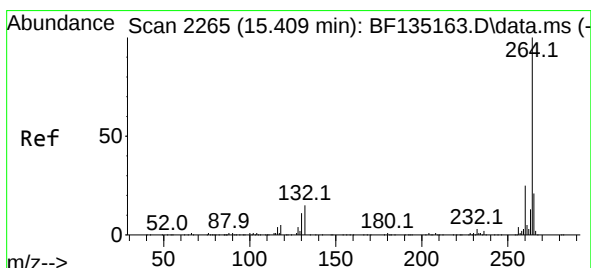
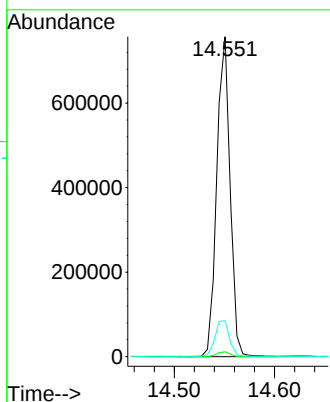
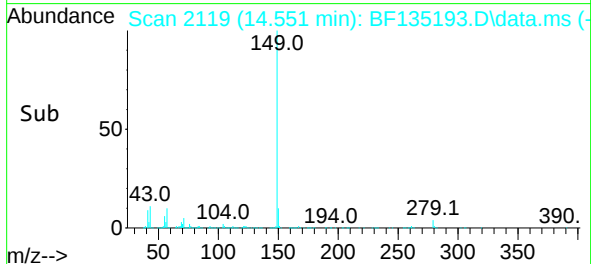
Instrument :
BNA_F
ClientSampleId :
WC-6MS



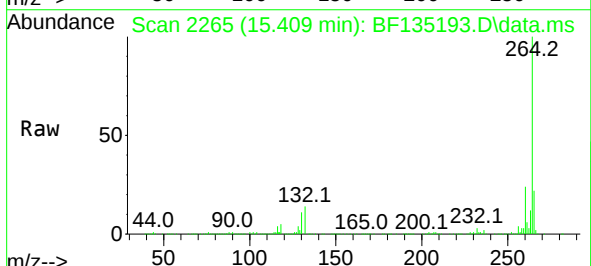
Tgt Ion:149 Resp: 69535
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.0 9.8 14.6

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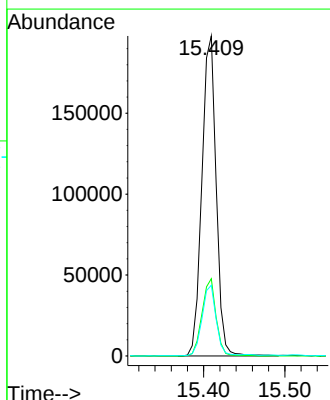
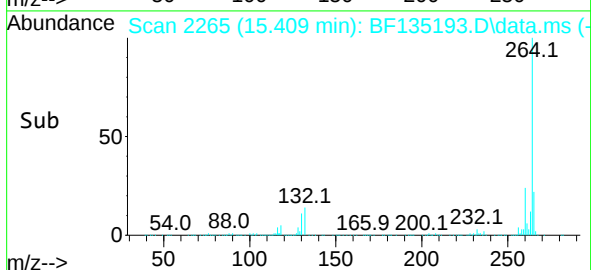
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

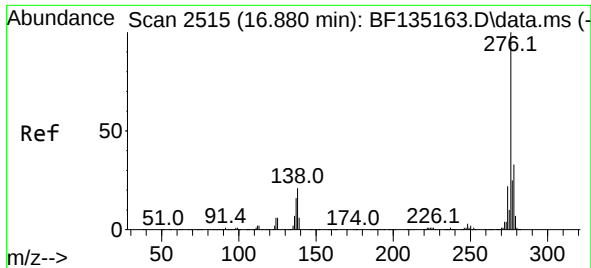


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



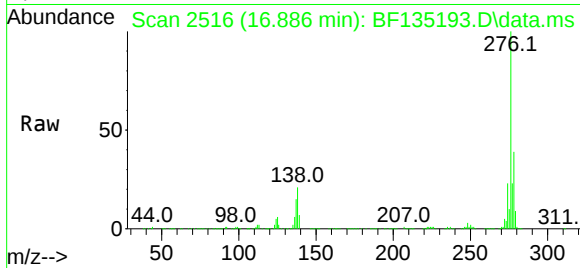
Tgt Ion:264 Resp: 241668
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 22.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.028 ng
RT: 16.886 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

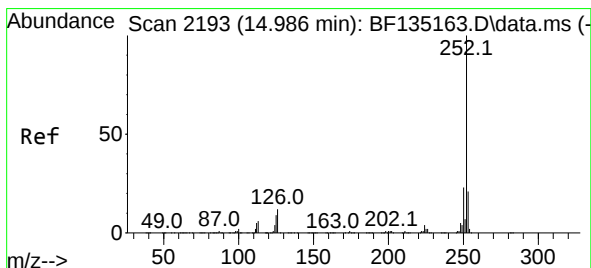
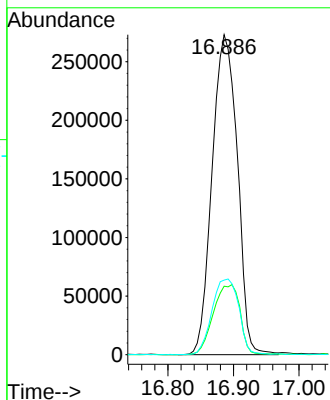
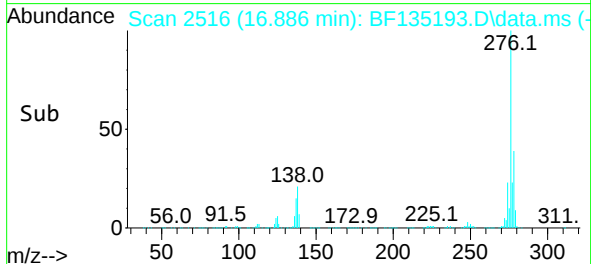
Instrument :
BNA_F
ClientSampleId :
WC-6MS



Tgt Ion:276 Resp: 729320
Ion Ratio Lower Upper
276 100
138 23.3 19.2 28.8
277 25.2 19.7 29.5

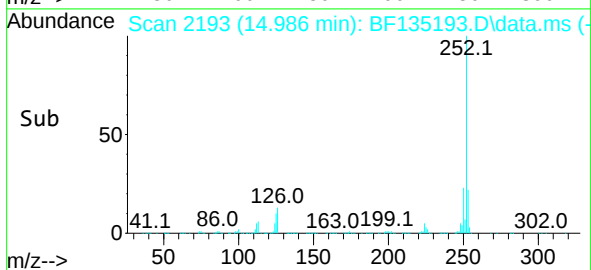
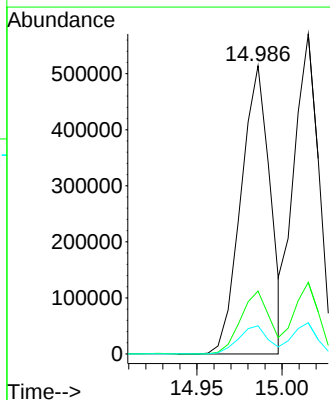
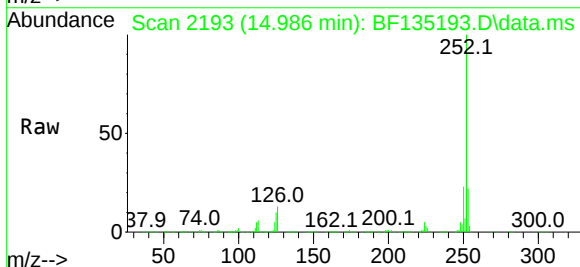
Manual Integrations
APPROVED

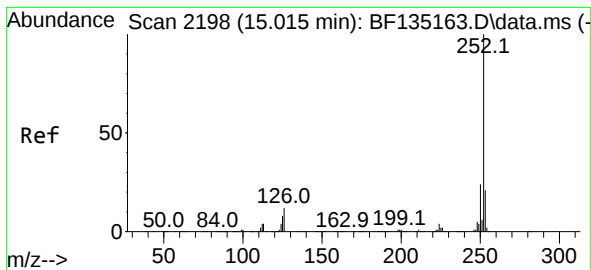
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#88
Benzo(b)fluoranthene
Concen: 46.796 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

Tgt Ion:252 Resp: 612199
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.001 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

Instrument :

BNA_F

ClientSampleId :

WC-6MS

Tgt Ion:252 Resp: 58155

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

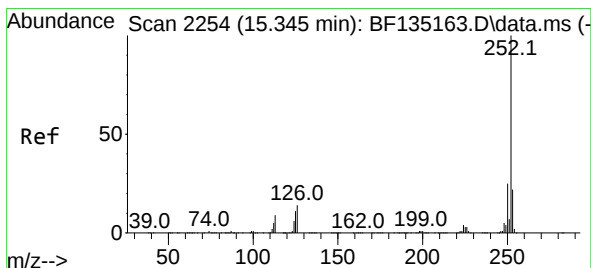
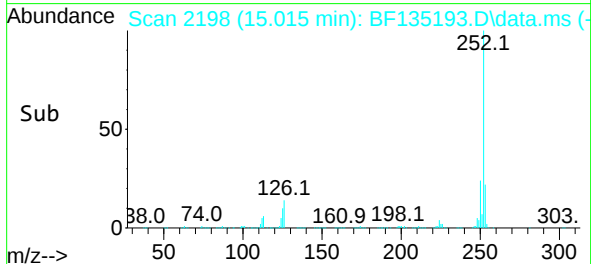
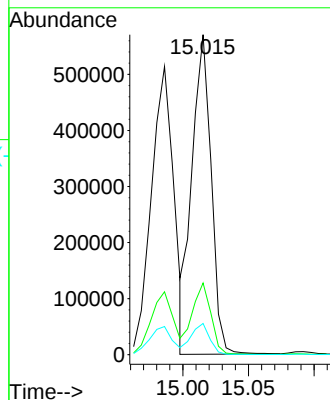
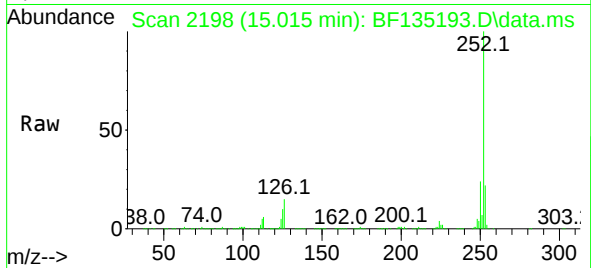
125 9.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#90

Benzo(a)pyrene

Concen: 42.705 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135193.D

Acq: 12 Sep 2023 21:32

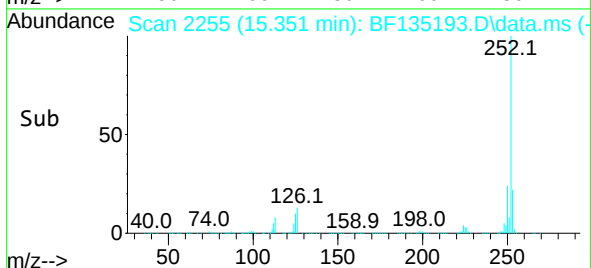
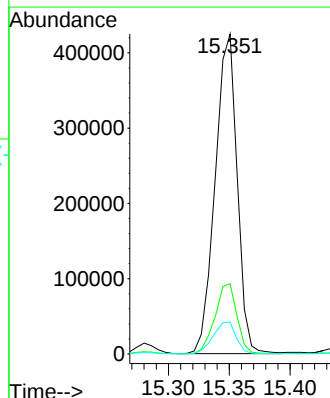
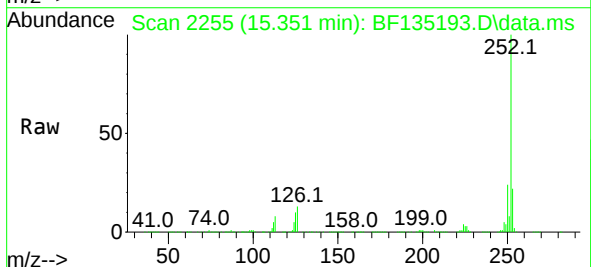
Tgt Ion:252 Resp: 532784

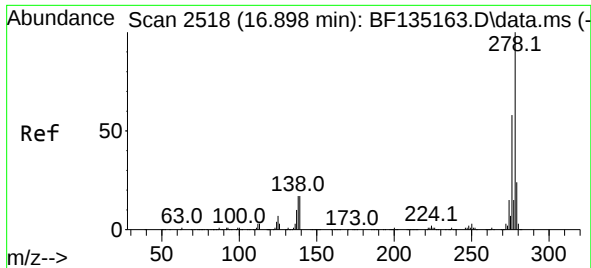
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

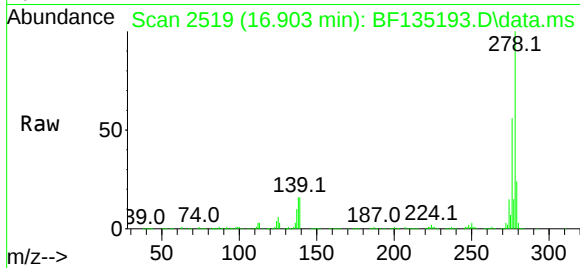
125 9.9 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 44.932 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32

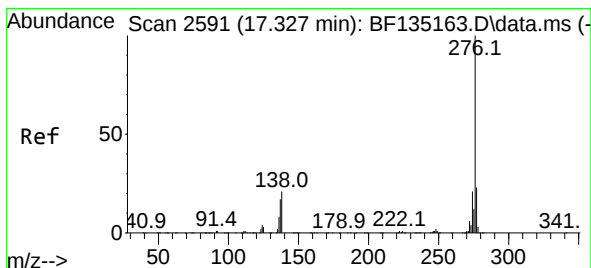
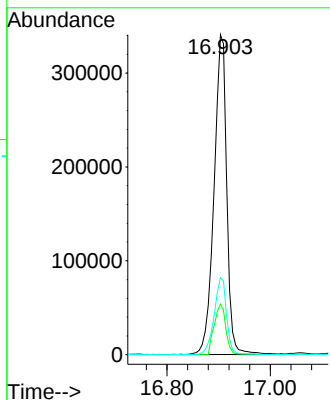
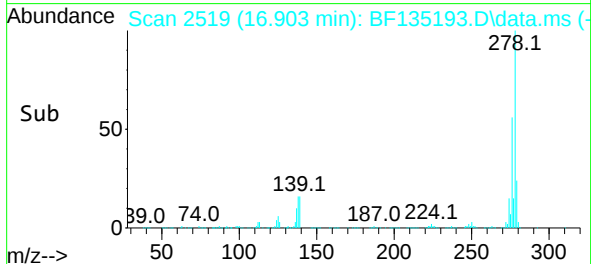
Instrument :
BNA_F
ClientSampleId :
WC-6MS



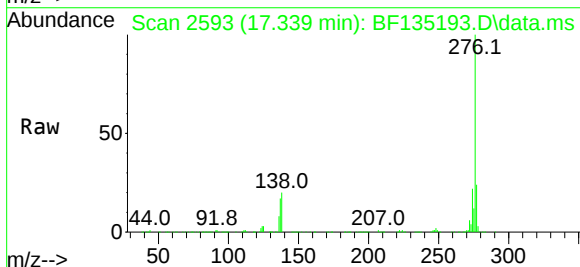
Tgt Ion: 278 Resp: 582538
Ion Ratio Lower Upper
278 100
139 15.8 13.4 20.0
279 24.0 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.667 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135193.D
Acq: 12 Sep 2023 21:32



Tgt Ion: 276 Resp: 618333
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 19.5 16.9 25.3

