

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135304.D
 Acq On : 18 Sep 2023 13:52
 Operator : CG\JU
 Sample : PB155361BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 14:19:40 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	6.757	152	279981	40.000	ng	0.00
21) Naphthalene-d8	8.040	136	1082340	40.000	ng	0.00
39) Acenaphthene-d10	9.798	164	536241	40.000	ng	0.00
64) Phenanthrene-d10	11.292	188	1029823	40.000	ng	0.00
76) Chrysene-d12	13.951	240	488588	40.000	ng	0.00
86) Perylene-d12	15.410	264	534472	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1078091	125.255	ng	0.01
7) Phenol-d6	6.410	99	1336595	122.125	ng	0.00
23) Nitrobenzene-d5	7.328	82	869262	87.267	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	324157	121.659	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1464152	82.388	ng	0.00
79) Terphenyl-d14	12.886	244	1419666	90.086	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	121740	32.264	ng	99
3) Pyridine	3.299	79	390488	38.452	ng	98
4) n-Nitrosodimethylamine	3.257	42	262222	48.660	ng	98
6) Aniline	6.428	93	520719	36.282	ng	# 83
8) 2-Chlorophenol	6.545	128	442945	48.208	ng	98
9) Benzaldehyde	6.316	77	271327	43.518	ng	99
10) Phenol	6.422	94	503741	41.975	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	424338	47.138	ng	99
12) 1,3-Dichlorobenzene	6.698	146	431890	46.252	ng	99
13) 1,4-Dichlorobenzene	6.775	146	434102	45.693	ng	98
14) 1,2-Dichlorobenzene	6.928	146	413084	46.821	ng	98
15) Benzyl Alcohol	6.910	79	369929	47.103	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.040	45	806085	47.506	ng	98
17) 2-Methylphenol	7.022	107	348059	42.927	ng	97
18) Hexachloroethane	7.263	117	166300	47.375	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	279162	41.180	ng	92
20) 3+4-Methylphenols	7.175	107	389673	39.967	ng	97
22) Acetophenone	7.175	105	552751	44.676	ng	# 97
24) Nitrobenzene	7.345	77	455312	46.247	ng	99
25) Isophorone	7.587	82	846566	46.284	ng	99
26) 2-Nitrophenol	7.657	139	229393	48.546	ng	95
27) 2,4-Dimethylphenol	7.698	122	377106	47.479	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	523762	47.842	ng	100
29) 2,4-Dichlorophenol	7.904	162	345134	46.895	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	367249	47.741	ng	99
31) Naphthalene	8.063	128	1190712	45.285	ng	100
32) Benzoic acid	7.840	122	288172	48.183	ng	100
33) 4-Chloroaniline	8.116	127	438482	38.009	ng	99
34) Hexachlorobutadiene	8.175	225	209447	45.154	ng	100
35) Caprolactam	8.492	113	129081m	52.259	ng	
36) 4-Chloro-3-methylphenol	8.604	107	381102	46.591	ng	97
37) 2-Methylnaphthalene	8.751	142	774311	43.809	ng	98
38) 1-Methylnaphthalene	8.851	142	709627	42.884	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	353691	45.534	ng	99
41) Hexachlorocyclopentadiene	8.904	237	275026	87.706	ng	100
43) 2,4,6-Trichlorophenol	9.034	196	243278	47.835	ng	100

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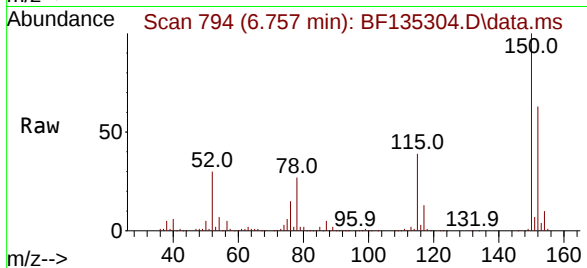
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	262165	44.762	ng	99
46) 1,1'-Biphenyl	9.222	154	935941	45.424	ng	99
47) 2-Chloronaphthalene	9.245	162	710074	47.497	ng	99
48) 2-Nitroaniline	9.345	65	286022	49.246	ng	96
49) Acenaphthylene	9.663	152	1121450	45.137	ng	100
50) Dimethylphthalate	9.528	163	842289	46.464	ng	100
51) 2,6-Dinitrotoluene	9.592	165	192649	48.512	ng	92
52) Acenaphthene	9.834	154	680070	46.334	ng	98
53) 3-Nitroaniline	9.763	138	193244	41.455	ng	97
54) 2,4-Dinitrophenol	9.881	184	212934	99.571	ng	92
55) Dibenzofuran	10.004	168	983396	43.906	ng	97
56) 4-Nitrophenol	9.939	139	294129	99.280	ng	99
57) 2,4-Dinitrotoluene	9.998	165	228377	45.937	ng	# 86
58) Fluorene	10.351	166	771871	44.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	213629	47.417	ng	99
60) Diethylphthalate	10.228	149	844385	46.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	358360	43.327	ng	99
62) 4-Nitroaniline	10.381	138	220343	49.175	ng	99
63) Azobenzene	10.504	77	853295	47.924	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	142762	52.201	ng	87
66) n-Nitrosodiphenylamine	10.463	169	734881	47.142	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	230962	45.099	ng	96
68) Hexachlorobenzene	10.898	284	246571	47.260	ng	# 91
69) Atrazine	10.998	200	230890	55.046	ng	99
70) Pentachlorophenol	11.098	266	241555	77.384	ng	100
71) Phenanthrene	11.316	178	1143593	46.959	ng	99
72) Anthracene	11.369	178	1150279	45.952	ng	100
73) Carbazole	11.528	167	1087149	47.708	ng	100
74) Di-n-butylphthalate	11.857	149	1290957	48.077	ng	99
75) Fluoranthene	12.510	202	1168045	46.030	ng	99
77) Benzidine	12.639	184	443054	88.526	ng	99
78) Pyrene	12.739	202	1170986	50.346	ng	100
80) Butylbenzylphthalate	13.363	149	422851	51.637	ng	95
81) Benzo(a)anthracene	13.939	228	716269	45.406	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	233574	47.404	ng	# 97
83) Chrysene	13.974	228	702639	44.801	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	451263	53.700	ng	# 99
85) Di-n-octyl phthalate	14.545	149	693300	51.915	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	816433	46.595	ng	98
88) Benzo(b)fluoranthene	14.986	252	667768	46.160	ng	99
89) Benzo(k)fluoranthene	15.016	252	613697	42.945	ng	99
90) Benzo(a)pyrene	15.351	252	600552	43.532	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	659094	45.973	ng	99
92) Benzo(g,h,i)perylene	17.345	276	680104	45.423	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135304.D
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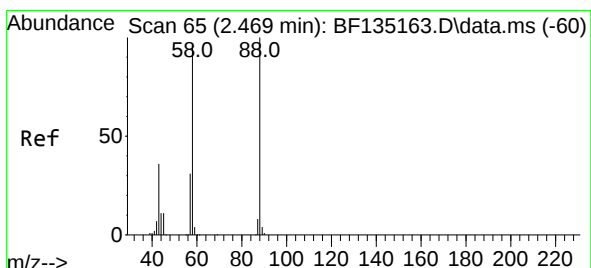
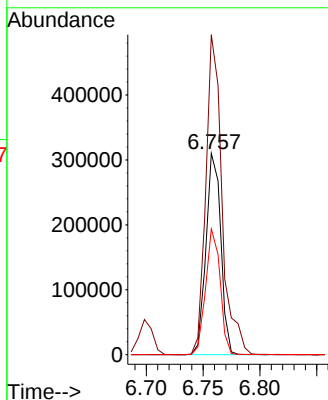
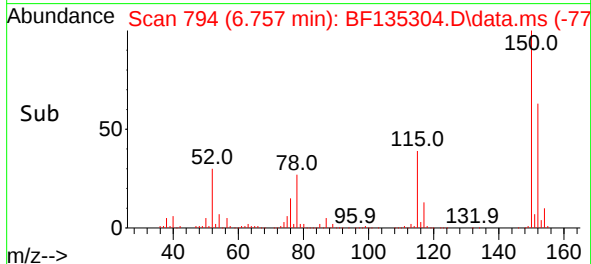
Instrument :
BNA_F
Client SampleId :
PB155361BS



Tgt Ion: 152 Resp: 27998
Ion Ratio Lower Upper
152 100
150 159.0 127.8 191.6
115 62.5 49.8 74.8

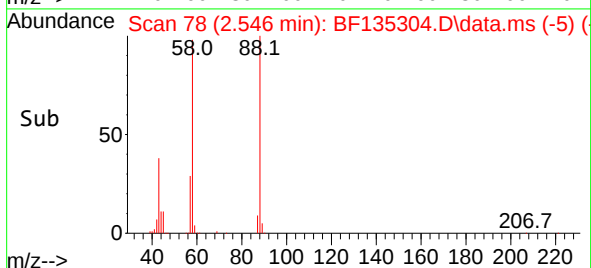
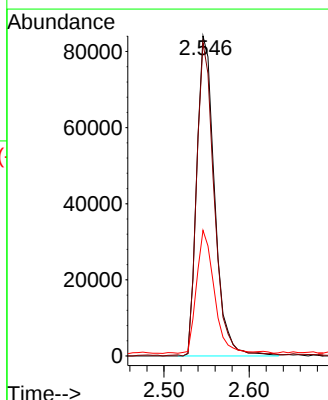
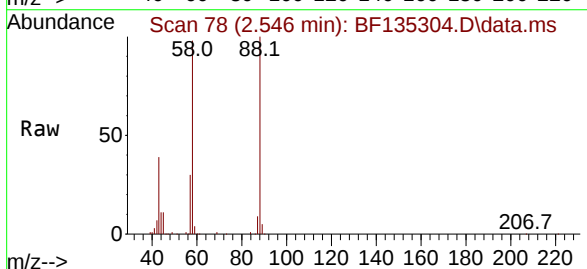
Manual Integrations
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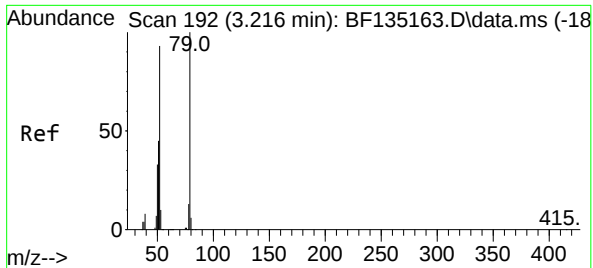
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#2
1,4-Dioxane
Concen: 32.264 ng
RT: 2.546 min Scan# 78
Delta R.T. 0.077 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion: 88 Resp: 121740
Ion Ratio Lower Upper
88 100
58 97.0 78.3 117.5
43 38.0 29.4 44.0





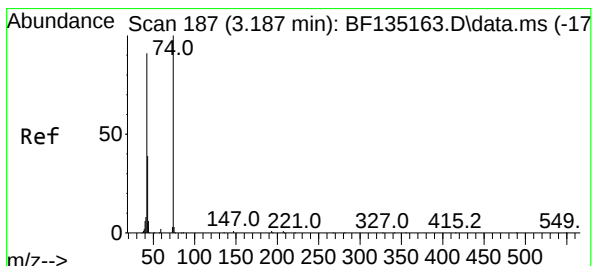
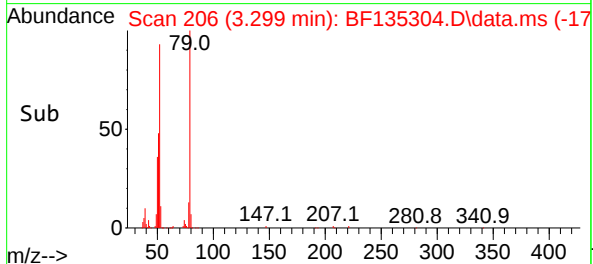
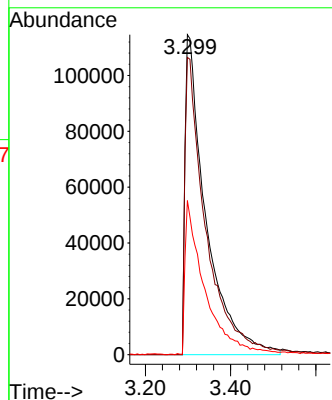
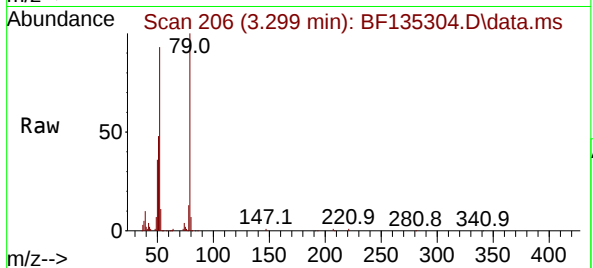
#3
Pyridine
Concen: 38.452 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.083 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion: 79 Resp: 390488
Ion Ratio Lower Upper
79 100
52 92.9 74.1 111.1
51 48.2 35.8 53.8

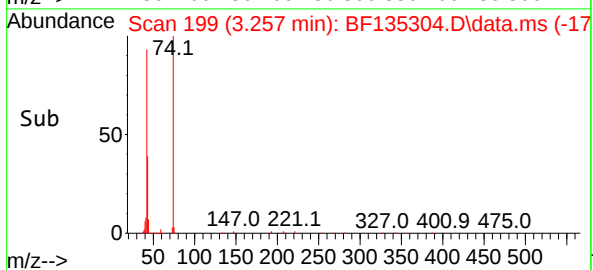
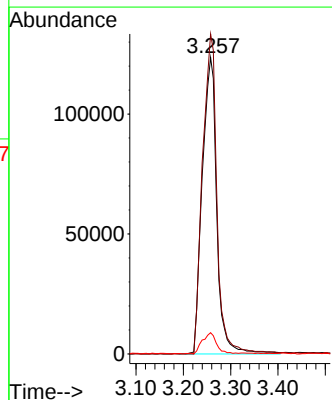
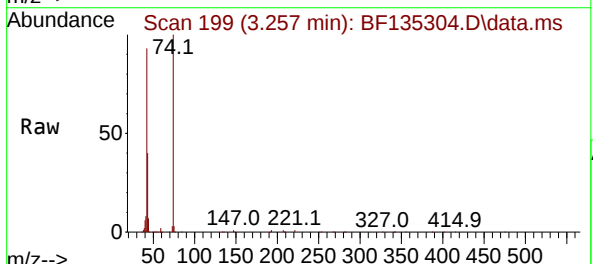
Manual Integrations
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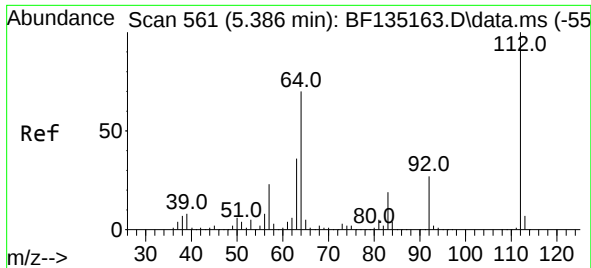
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#4
n-Nitrosodimethylamine
Concen: 48.660 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.071 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion: 42 Resp: 262222
Ion Ratio Lower Upper
42 100
74 107.9 87.7 131.5
44 7.2 5.6 8.4





#5
2-Fluorophenol
Concen: 125.255 ng
RT: 5.399 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

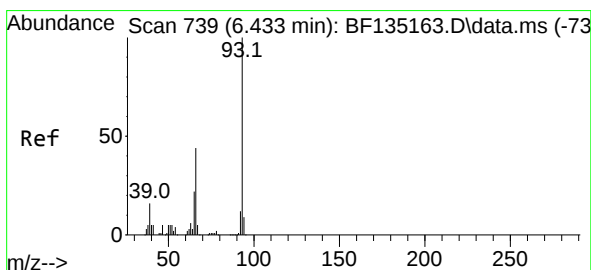
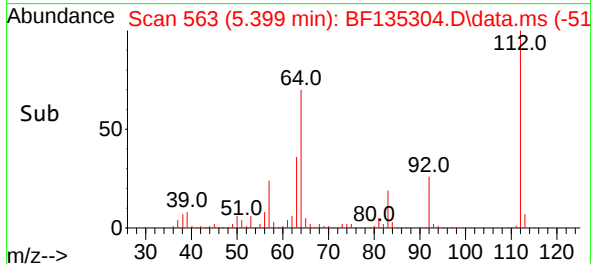
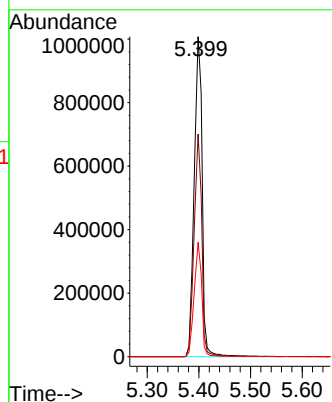
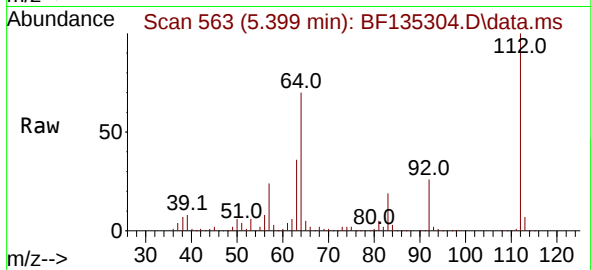
PB155361BS

Tgt Ion:112 Resp: 107809
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 35.8 29.0 43.6

Manual Integrations

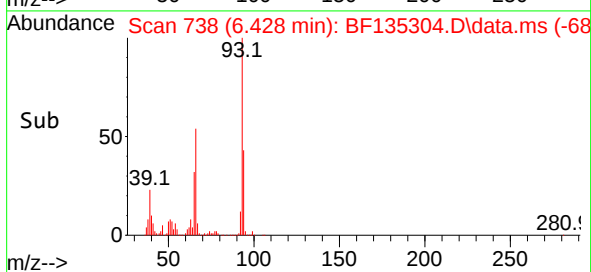
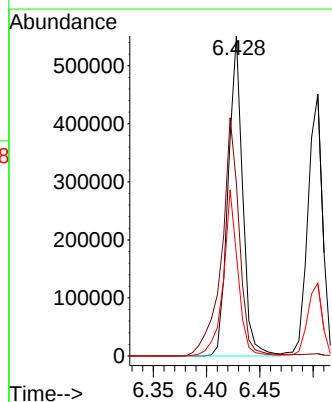
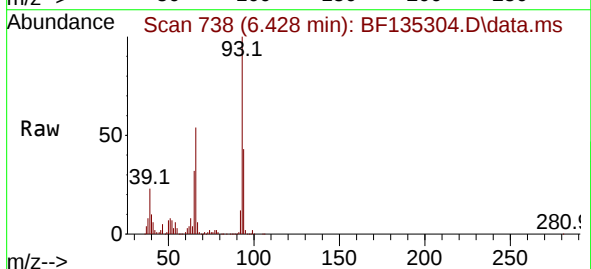
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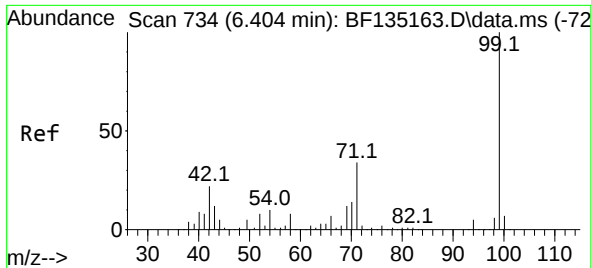
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 36.282 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

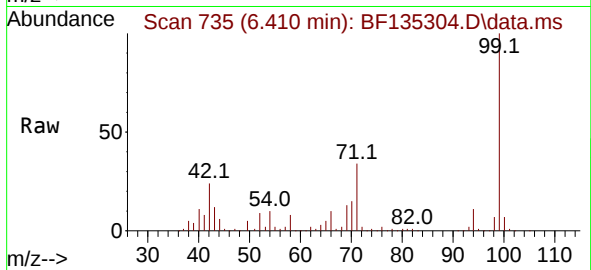
Tgt Ion: 93 Resp: 520719
Ion Ratio Lower Upper
93 100
66 54.0 35.4 53.0#
65 31.8 17.8 26.8#





#7
Phenol-d6
Concen: 122.125 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

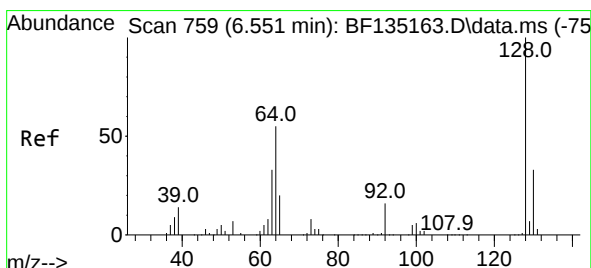
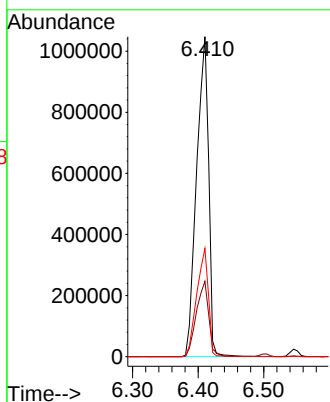
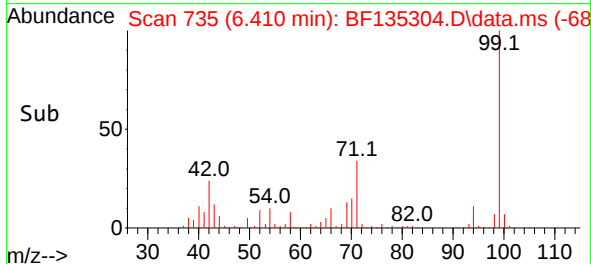
Instrument :
BNA_F
ClientSampleId :
PB155361BS



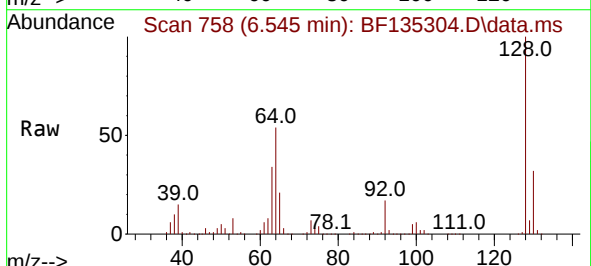
Tgt Ion: 99 Resp: 133659
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 33.8 27.0 40.6

Manual Integrations
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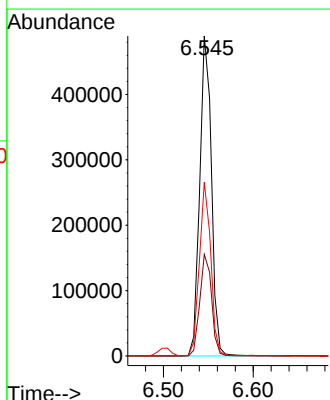
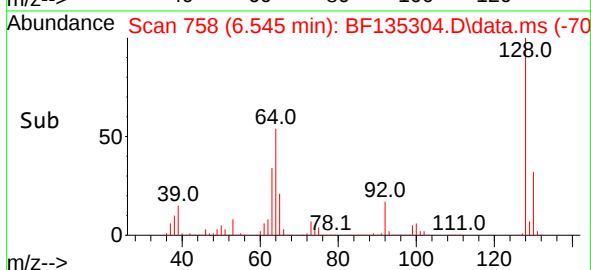
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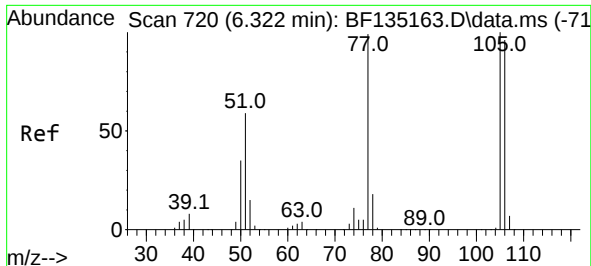


#8
2-Chlorophenol
Concen: 48.208 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



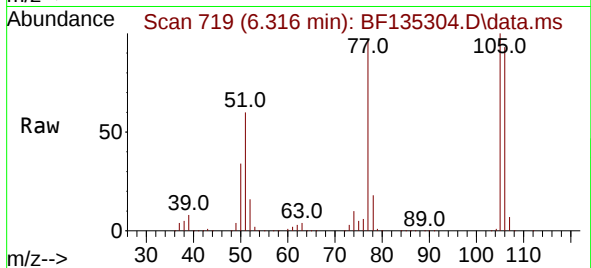
Tgt Ion:128 Resp: 442945
Ion Ratio Lower Upper
128 100
130 31.7 12.7 52.7
64 54.3 35.9 75.9





#9
Benzaldehyde
Concen: 43.518 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

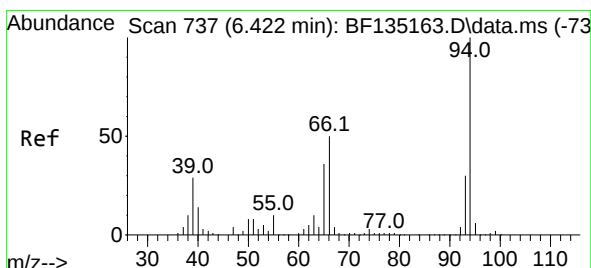
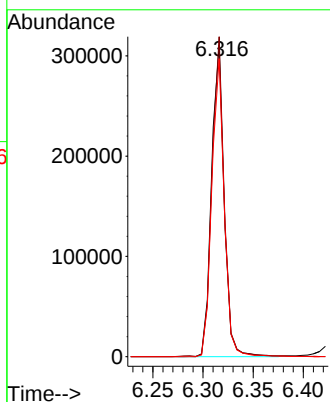
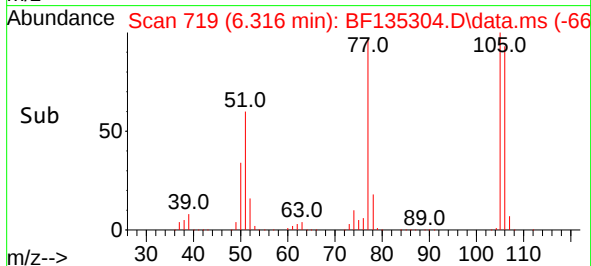
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion: 77 Resp: 27132
Ion Ratio Lower Upper
77 100
105 102.7 81.4 121.4
106 95.7 76.9 116.9

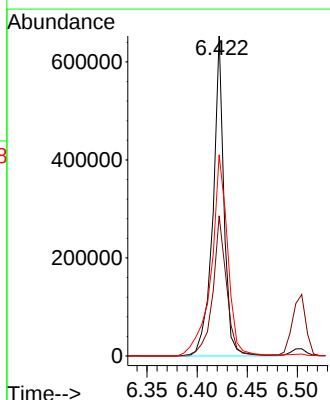
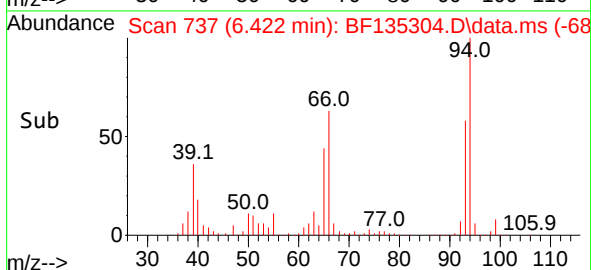
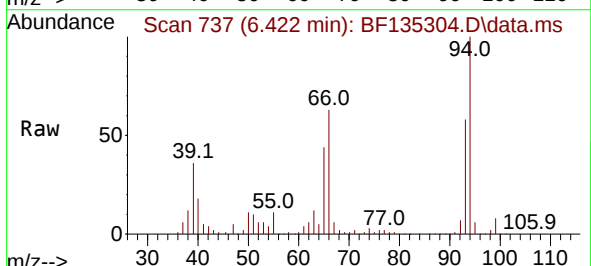
Manual Integrations
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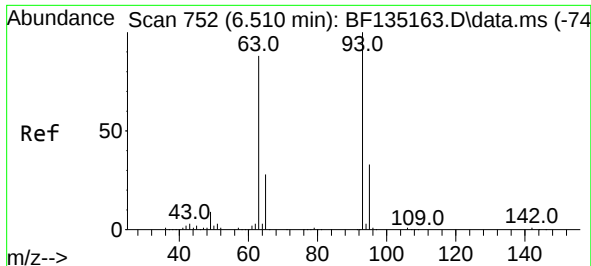
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#10
Phenol
Concen: 41.975 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

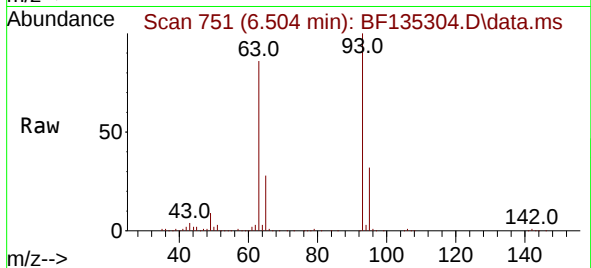
Tgt Ion: 94 Resp: 503741
Ion Ratio Lower Upper
94 100
65 43.8 15.9 55.9
66 62.9 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 47.138 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

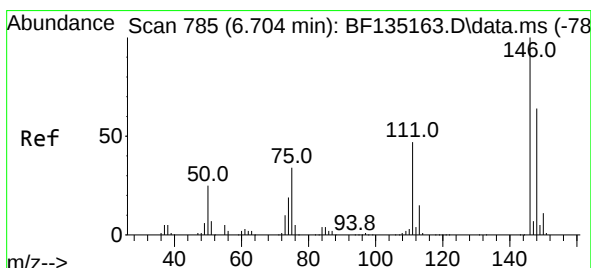
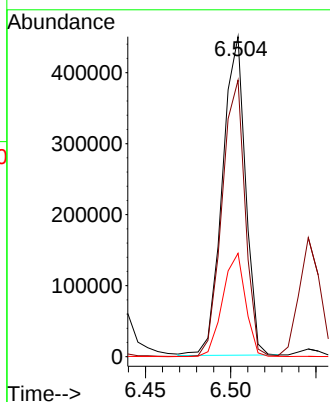
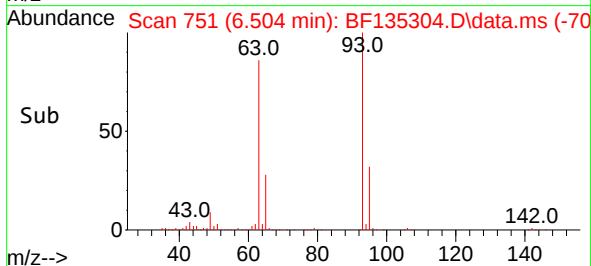
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion: 93 Resp: 424338
Ion Ratio Lower Upper
93 100
63 86.4 67.3 107.3
95 32.3 12.7 52.7

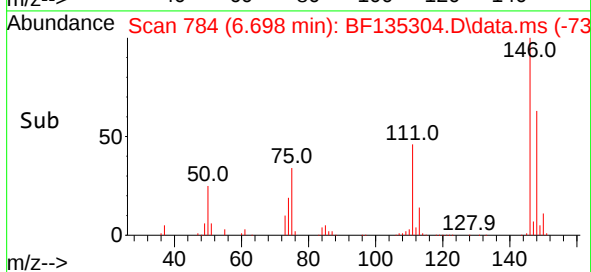
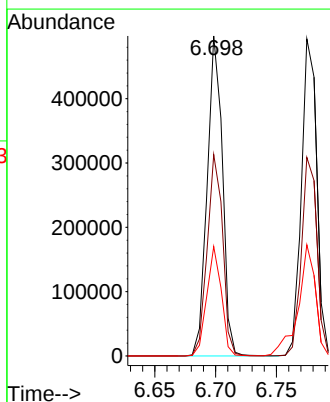
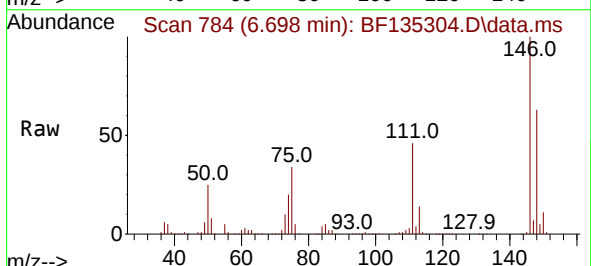
Manual Integrations
APPROVED

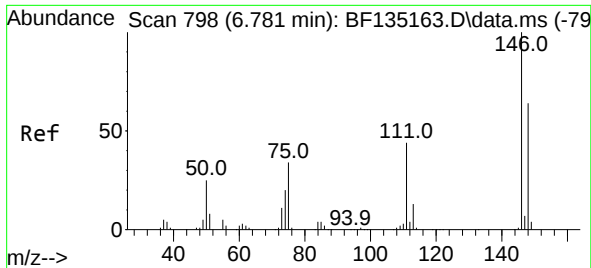
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 46.252 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:146 Resp: 431890
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 34.2 27.4 41.2





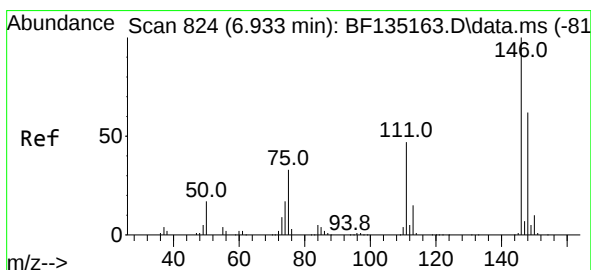
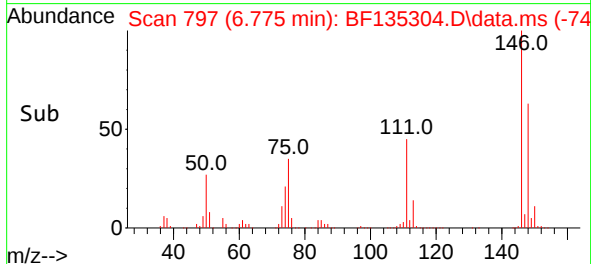
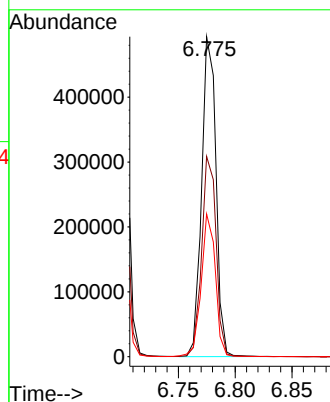
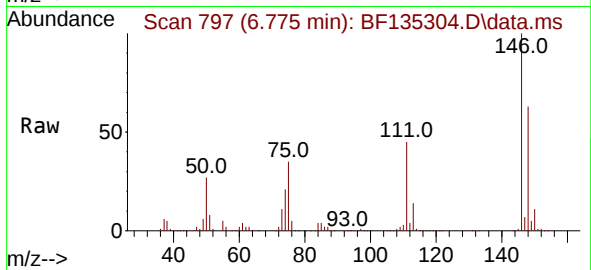
#13
1,4-Dichlorobenzene
Concen: 45.693 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion:146 Resp: 43410
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
111 44.6 35.1 52.7

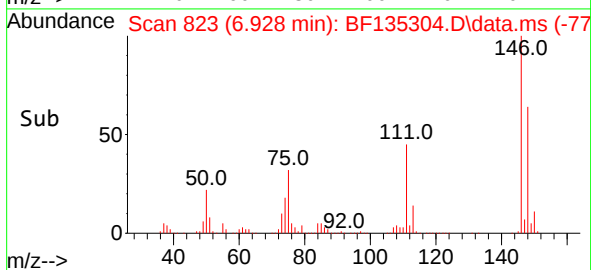
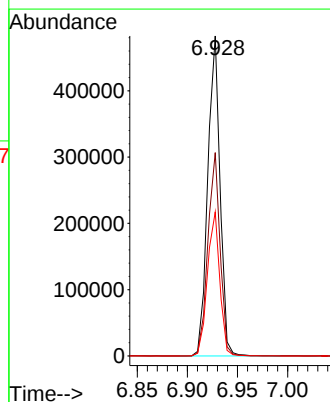
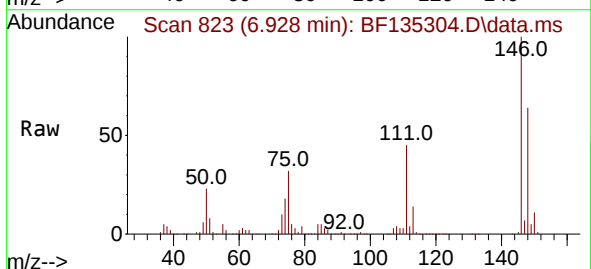
Manual Integrations
APPROVED

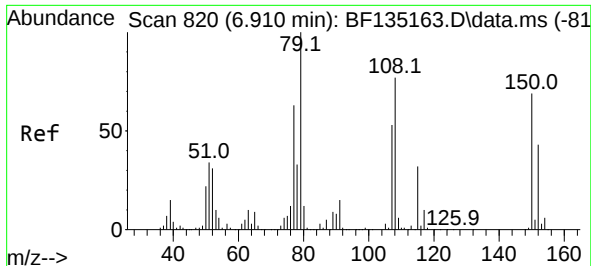
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#14
1,2-Dichlorobenzene
Concen: 46.821 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

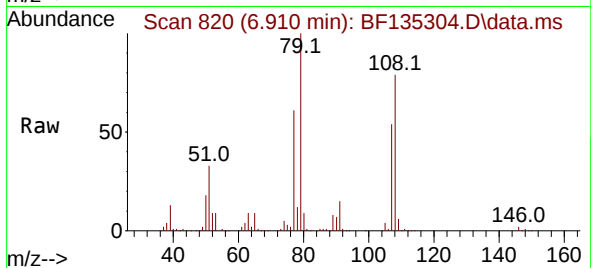
Tgt Ion:146 Resp: 413084
Ion Ratio Lower Upper
146 100
148 63.5 49.7 74.5
111 45.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.103 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

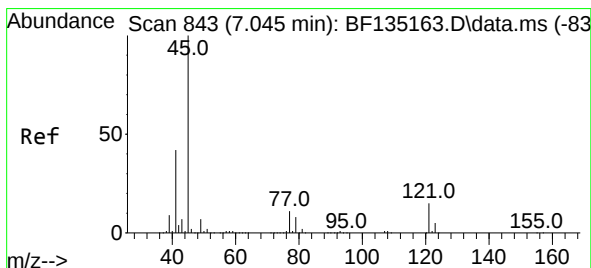
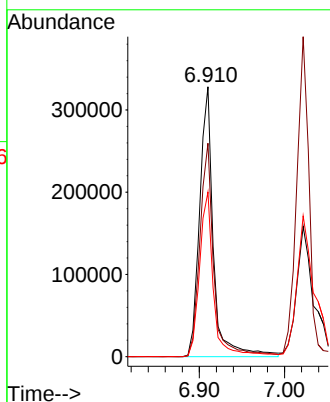
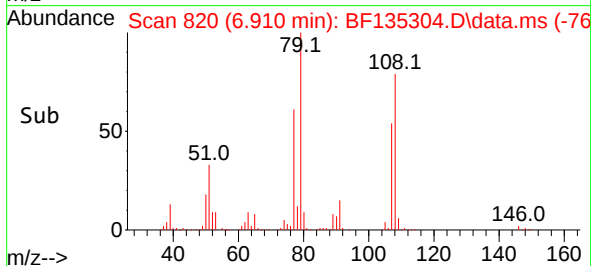
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion: 79 Resp: 369929
Ion Ratio Lower Upper
79 100
108 79.1 61.2 91.8
77 61.0 50.5 75.7

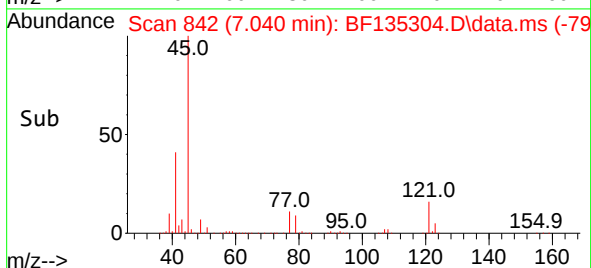
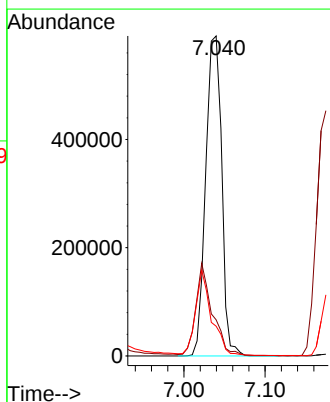
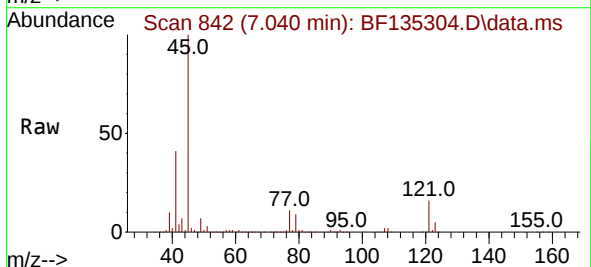
Manual Integrations
APPROVED

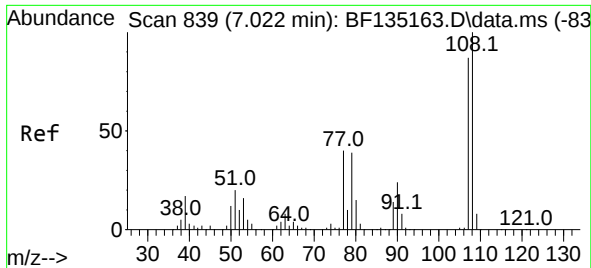
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.506 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

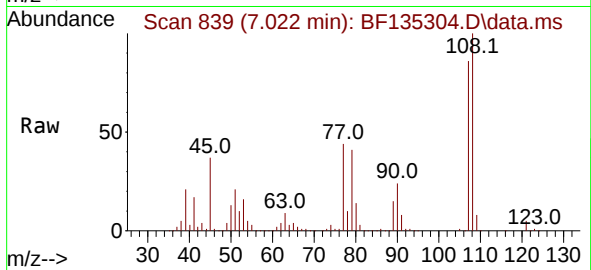
Tgt Ion: 45 Resp: 806085
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.6
79 9.3 0.0 28.3





#17
2-Methylphenol
Concen: 42.927 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

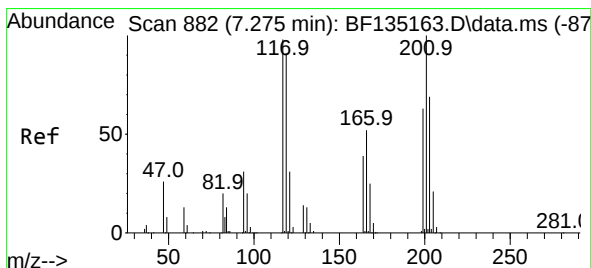
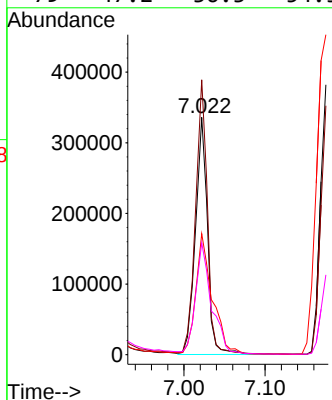
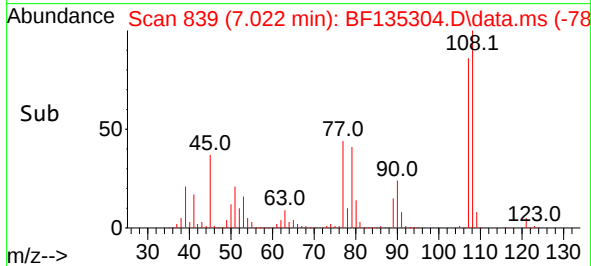
Instrument :
BNA_F
ClientSampleId :
PB155361BS



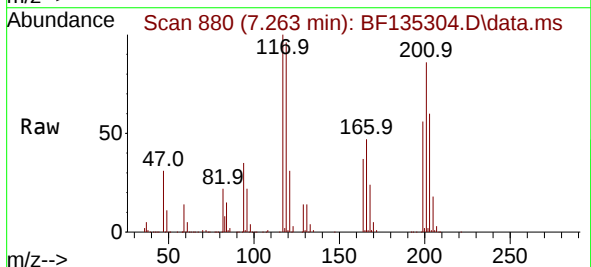
Tgt Ion:107 Resp: 34805
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 51.0 36.7 55.1
79 47.2 36.3 54.5

Manual Integrations
APPROVED

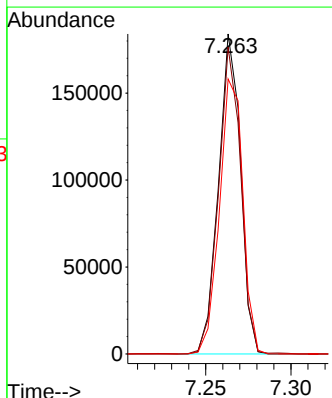
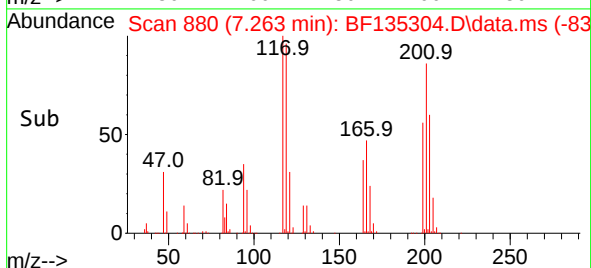
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

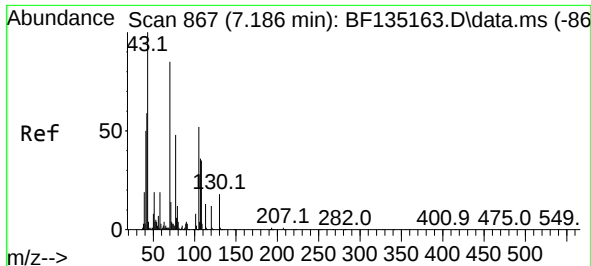


#18
Hexachloroethane
Concen: 47.375 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



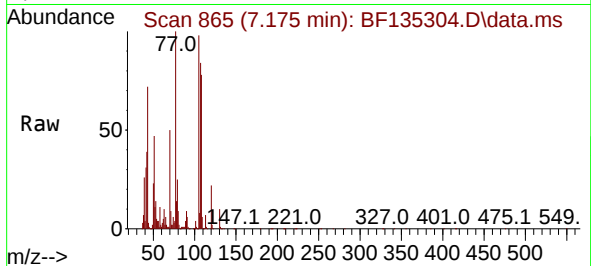
Tgt Ion:117 Resp: 166300
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 85.9 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.180 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

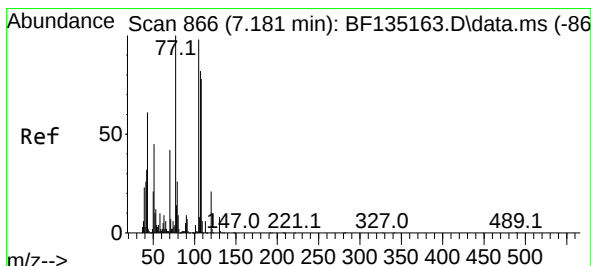
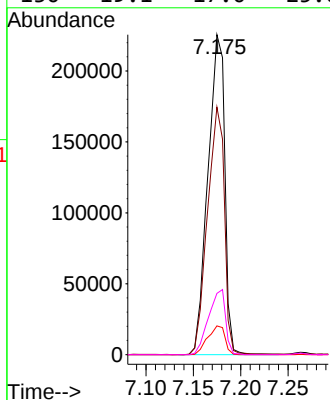
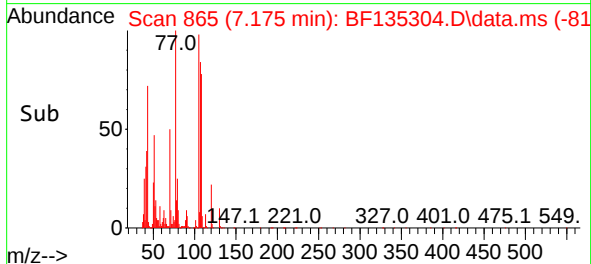
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion: 70 Resp: 27916
Ion Ratio Lower Upper
70 100
42 77.3 55.4 83.0
101 9.0 7.7 11.5
130 19.1 17.0 25.6

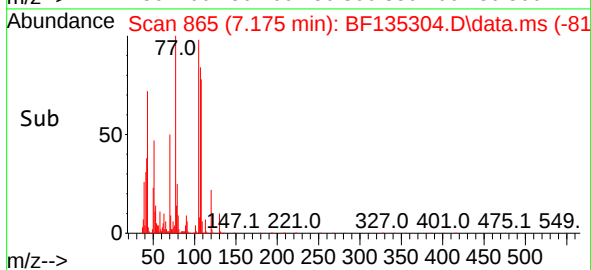
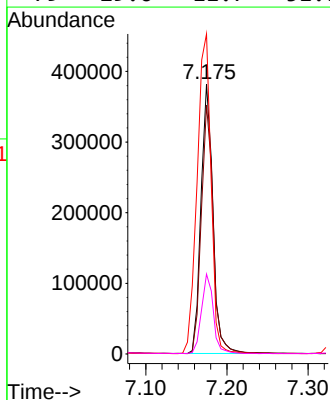
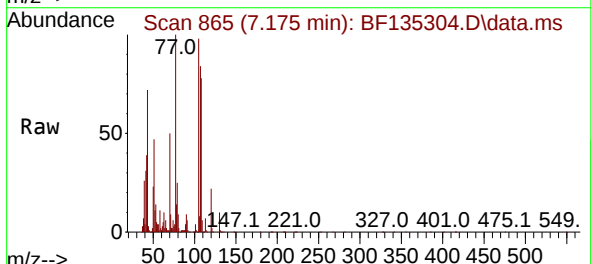
Manual Integrations
APPROVED

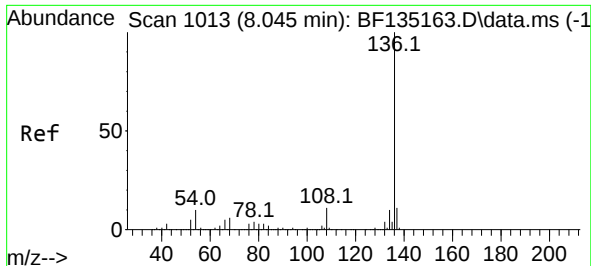
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#20
3+4-Methylphenols
Concen: 39.967 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:107 Resp: 389673
Ion Ratio Lower Upper
107 100
108 92.2 74.7 114.7
77 118.6 102.0 142.0
79 29.6 11.7 51.7





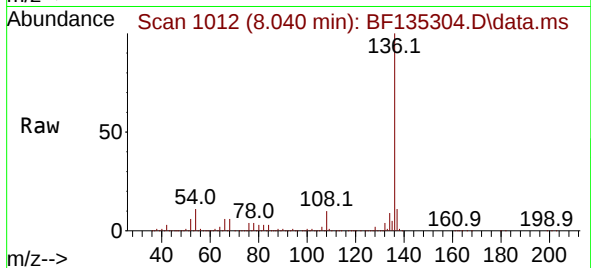
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

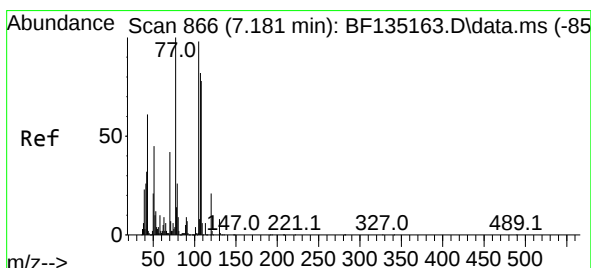
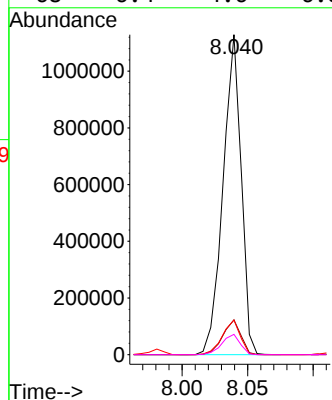
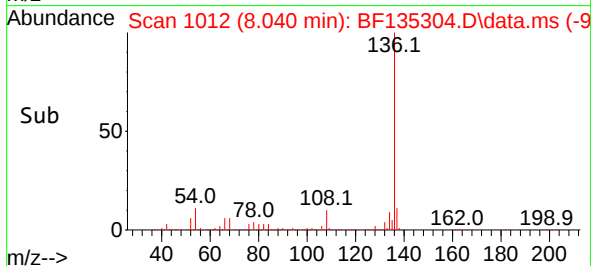


Tgt Ion:136 Resp: 1082340
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.8 7.7 11.5
68 6.4 4.6 6.8

Manual Integrations

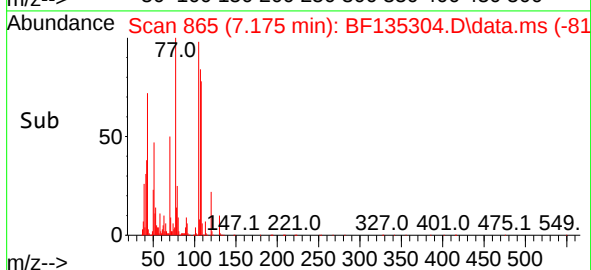
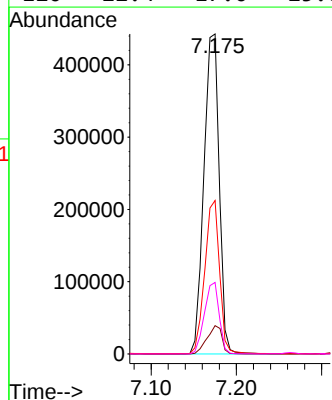
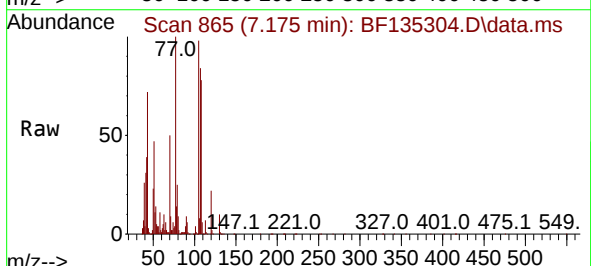
APPROVED

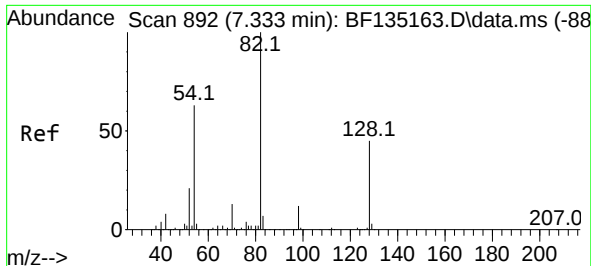
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 44.676 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:105 Resp: 552751
Ion Ratio Lower Upper
105 100
71 8.9 5.8 8.6#
51 48.0 37.0 55.4
120 22.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 87.267 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

Tgt Ion: 82 Resp: 86926

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

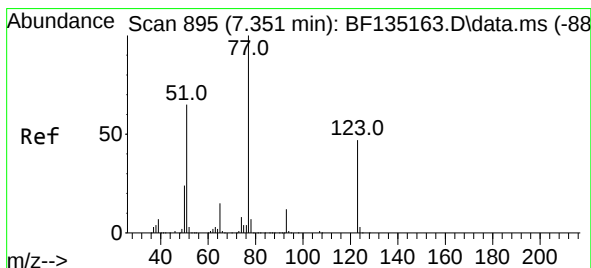
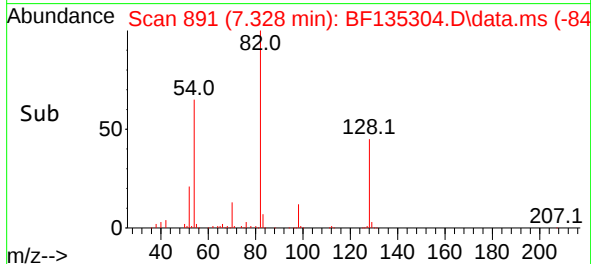
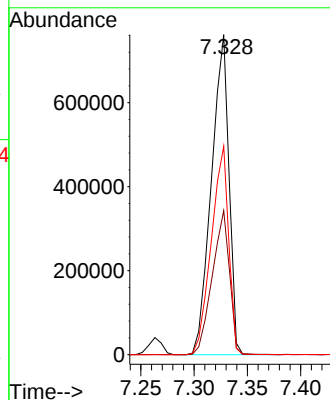
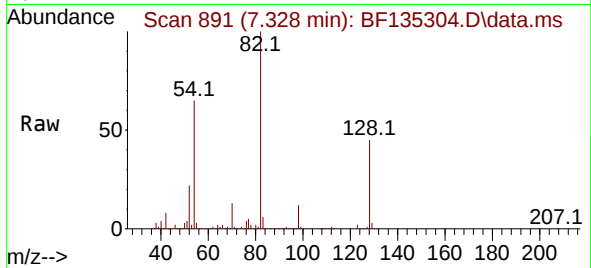
54 65.1 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 46.247 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

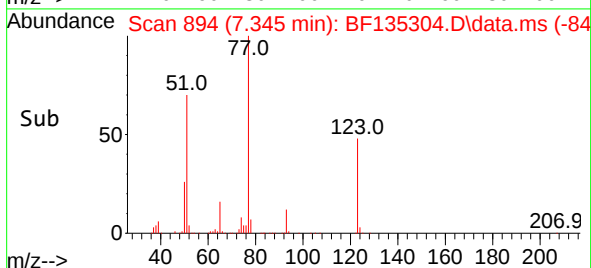
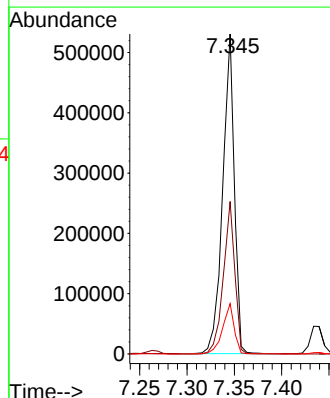
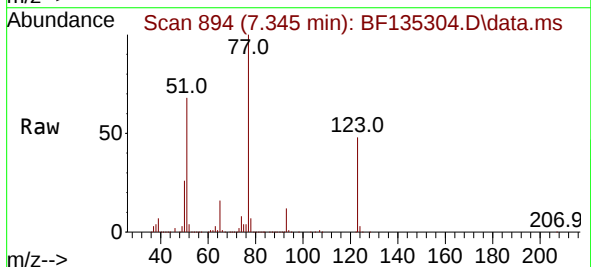
Tgt Ion: 77 Resp: 455312

Ion Ratio Lower Upper

77 100

123 47.7 37.6 56.4

65 15.7 12.2 18.4





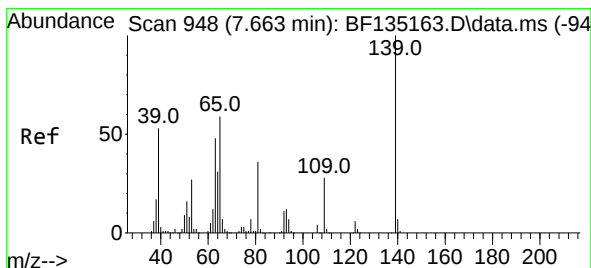
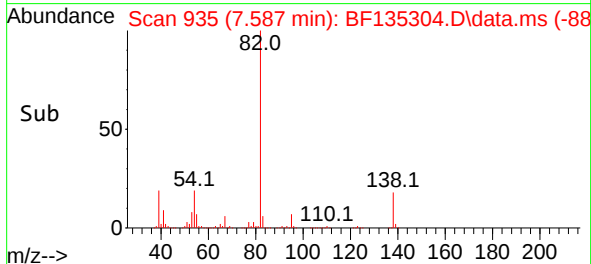
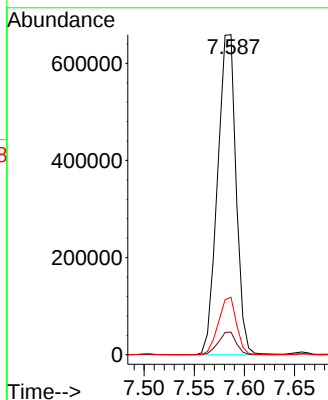
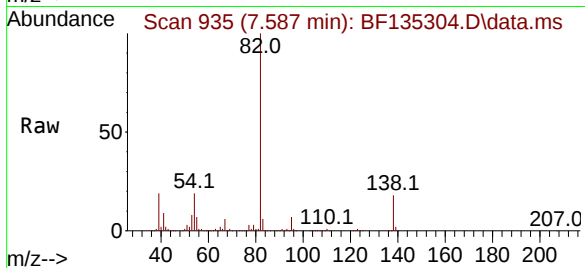
#25
Isophorone
Concen: 46.284 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion: 82 Resp: 846560
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.9 14.5 21.7

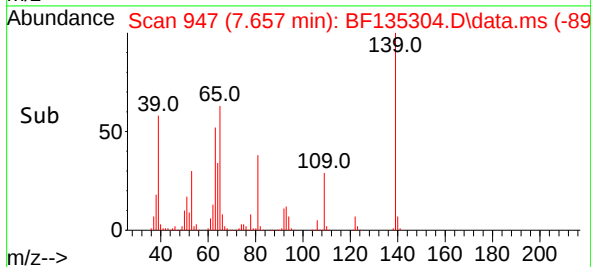
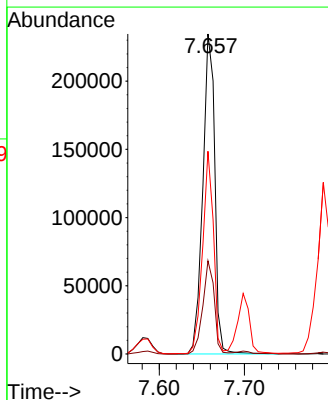
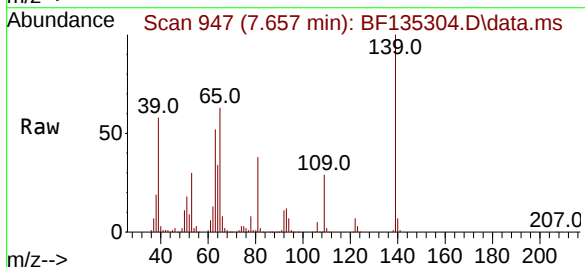
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 48.546 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:139 Resp: 229393
Ion Ratio Lower Upper
139 100
109 29.1 22.6 33.8
65 63.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.479 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135304.D

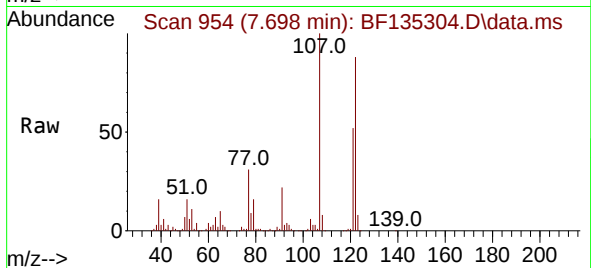
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS



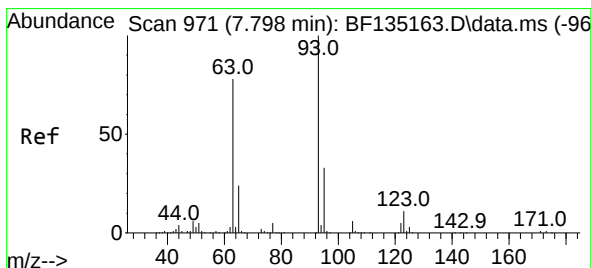
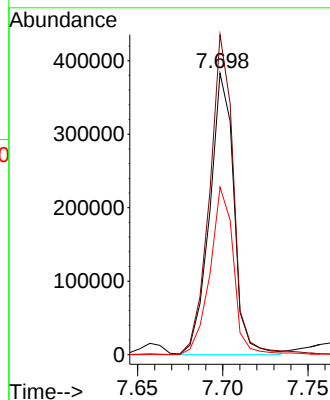
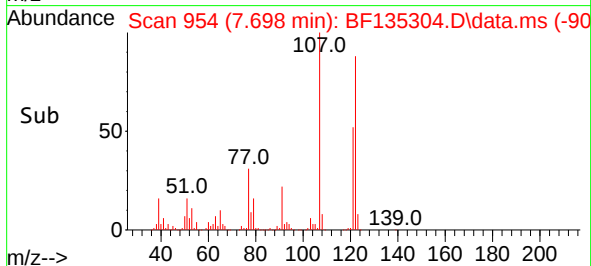
Tgt Ion:	122	Resp:	377100
Ion	Ratio	Lower	Upper
122	100		
107	113.7	90.2	135.4
121	59.6	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.842 ng

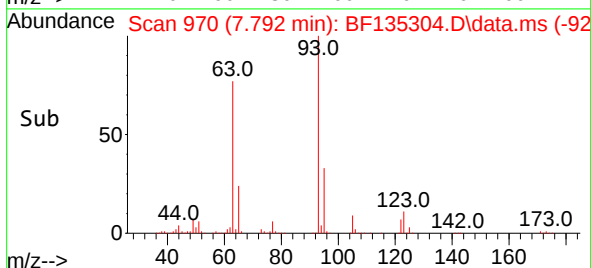
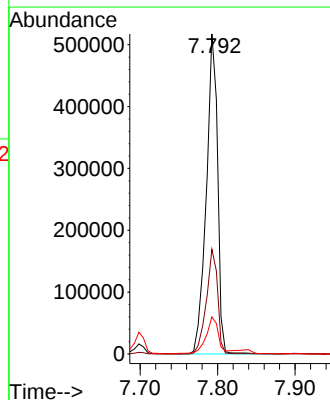
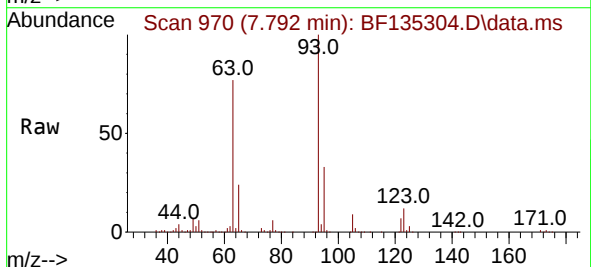
RT: 7.792 min Scan# 970

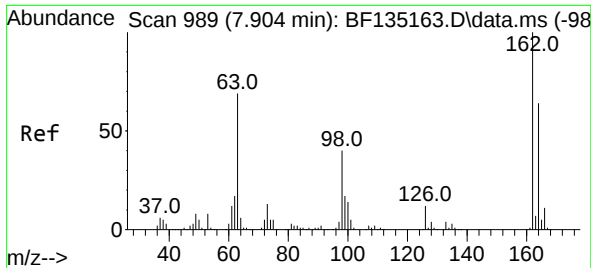
Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Tgt Ion:	93	Resp:	523762
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.5	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 46.895 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

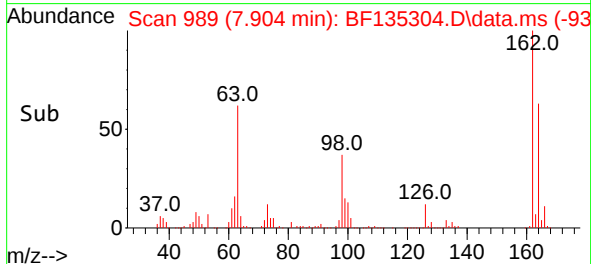
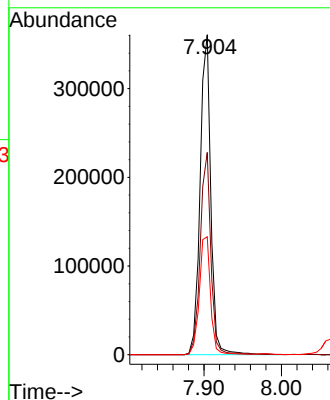
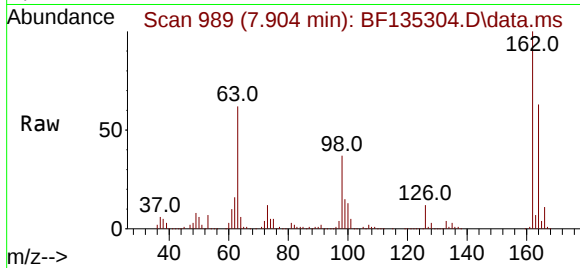
Tgt Ion:	162	Resp:	345134
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.1	84.1
98	36.9	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.741 ng

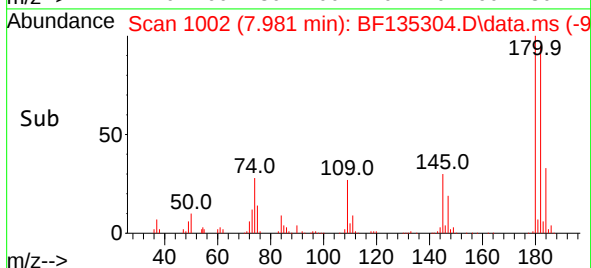
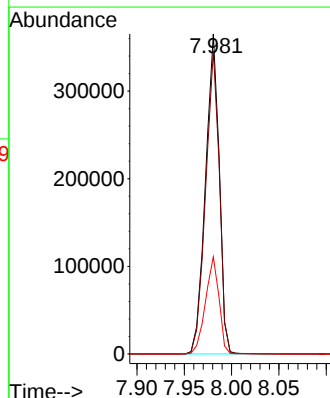
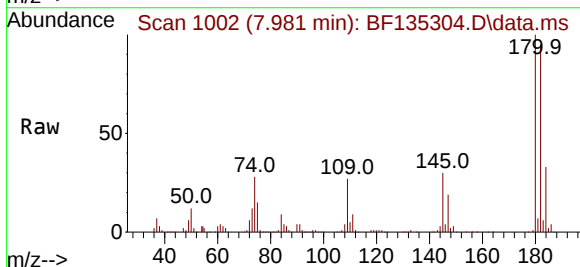
RT: 7.981 min Scan# 1002

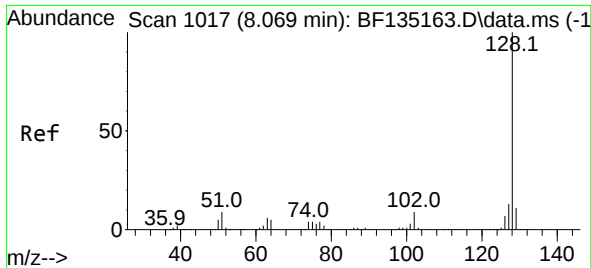
Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Tgt Ion:	180	Resp:	367249
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.9	115.3
145	30.3	24.5	36.7





#31
Naphthalene
Concen: 45.285 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

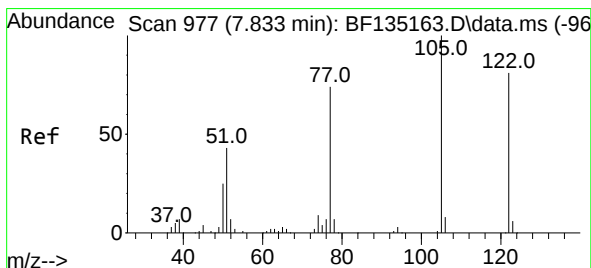
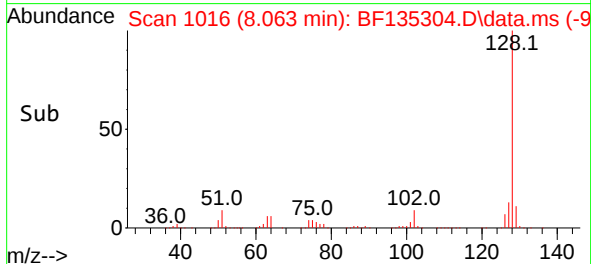
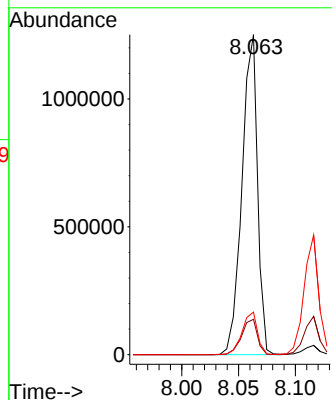
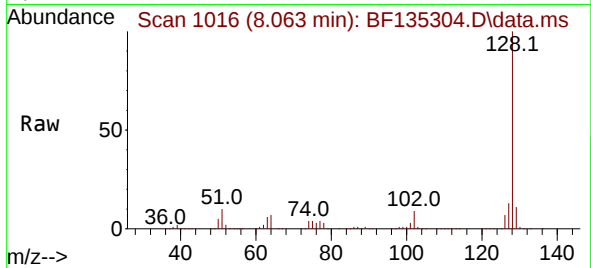
PB155361BS

Tgt Ion:128 Resp: 1190712
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

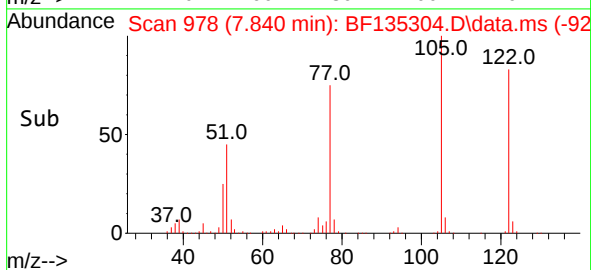
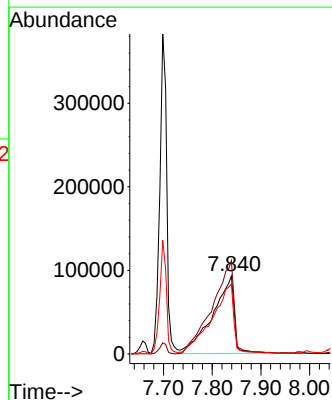
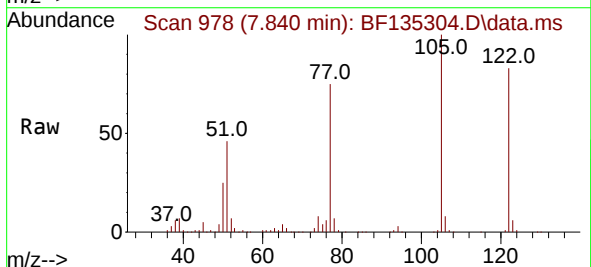
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 48.183 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:122 Resp: 288172
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 89.7 70.0 110.0





#33
4-Chloroaniline
Concen: 38.009 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

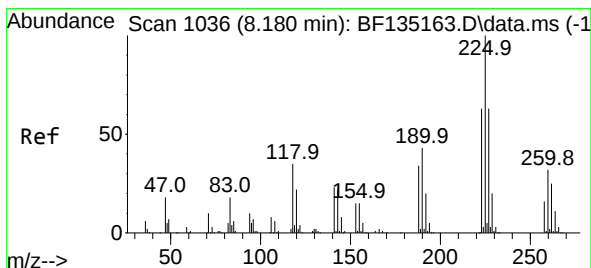
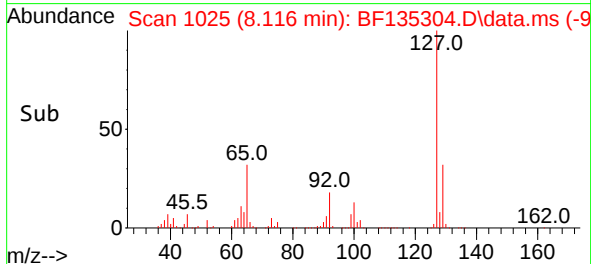
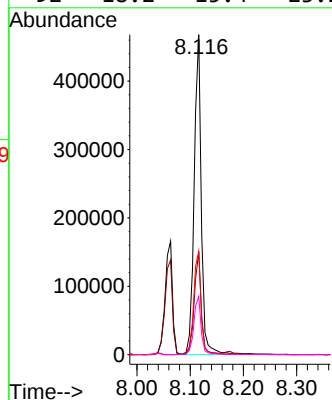
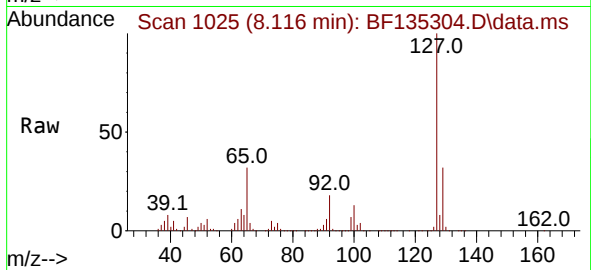
ClientSampleId :

PB155361BS

Tgt Ion:127 Resp: 43848
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 32.4 26.6 39.8
92 18.2 15.4 23.2

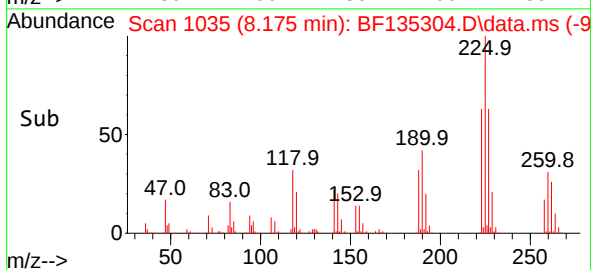
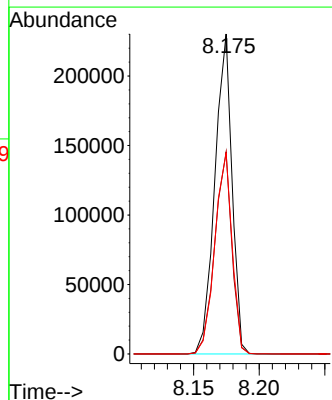
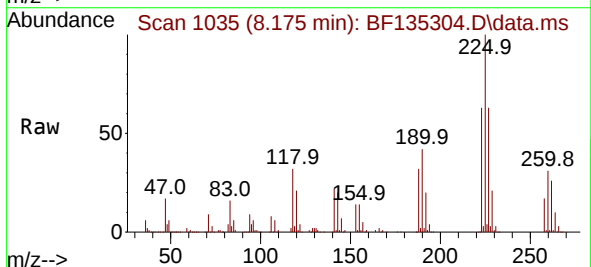
Manual Integrations
APPROVED

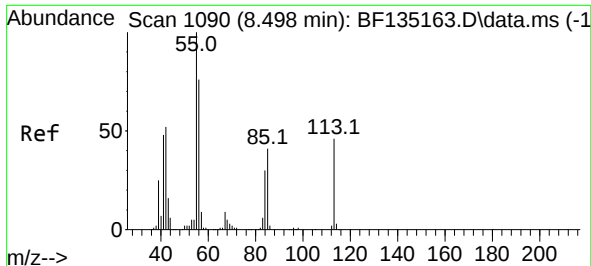
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#34
Hexachlorobutadiene
Concen: 45.154 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

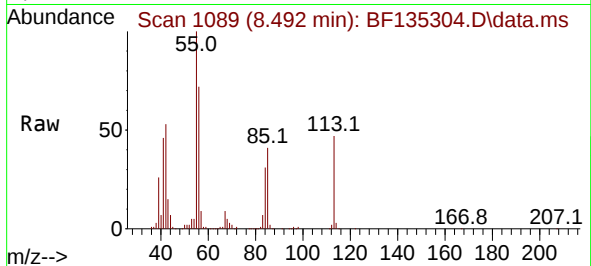
Tgt Ion:225 Resp: 209447
Ion Ratio Lower Upper
225 100
223 63.1 50.6 75.8
227 62.8 50.8 76.2





#35
Caprolactam
Concen: 52.259 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

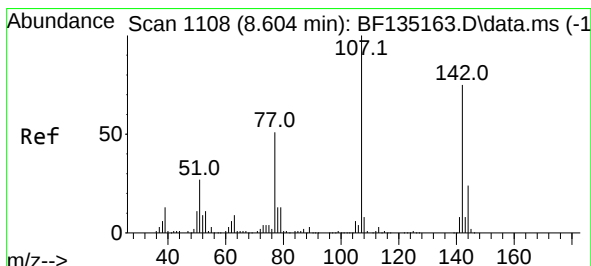
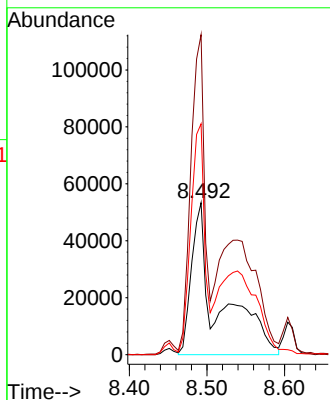
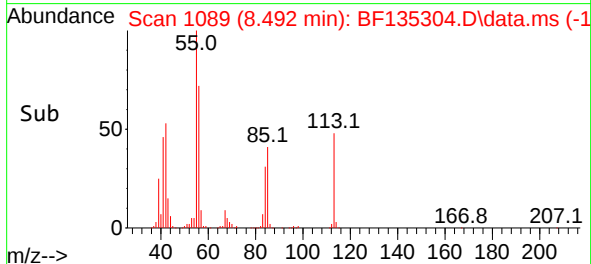
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion:113 Resp: 12908
Ion Ratio Lower Upper
113 100
55 210.6 199.3 239.3
56 151.9 146.3 186.3

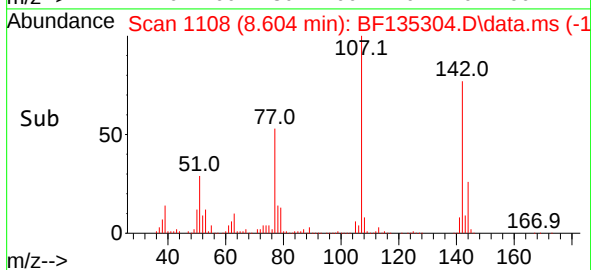
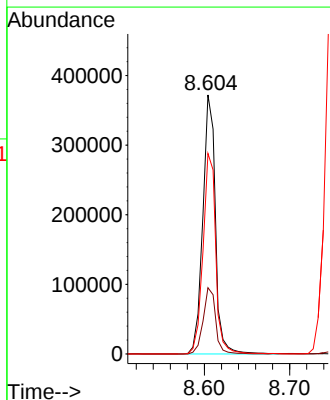
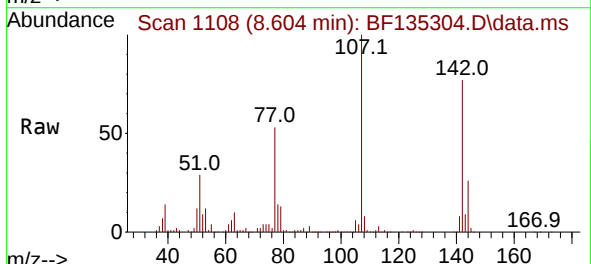
Manual Integrations
APPROVED

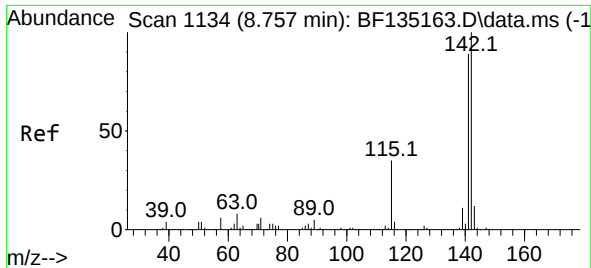
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#36
4-Chloro-3-methylphenol
Concen: 46.591 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:107 Resp: 381102
Ion Ratio Lower Upper
107 100
144 25.6 19.0 28.4
142 77.4 60.2 90.2





#37
2-Methylnaphthalene
Concen: 43.809 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

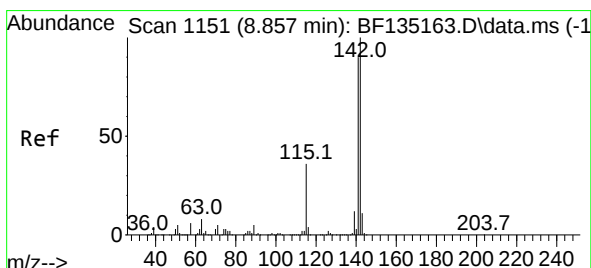
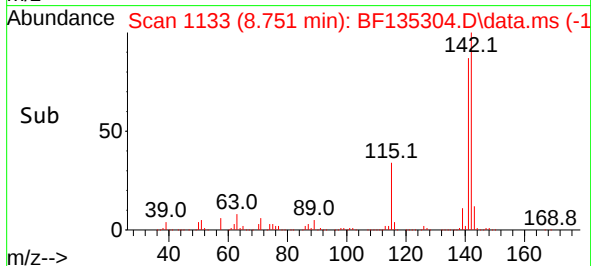
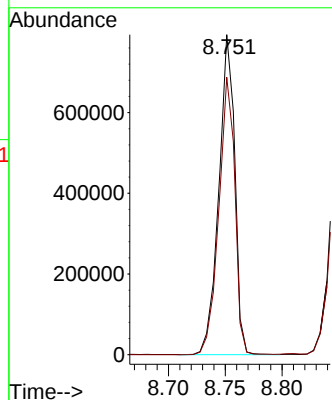
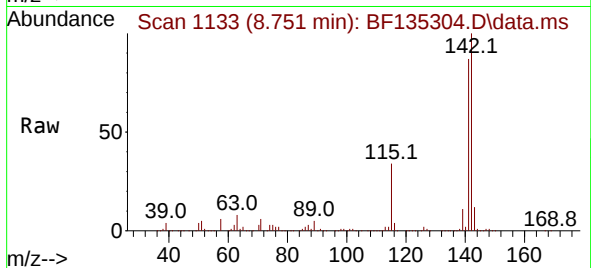
PB155361BS

Tgt Ion:142 Resp: 77431
Ion Ratio Lower Upper
142 100
141 86.7 71.0 106.6

Manual Integrations

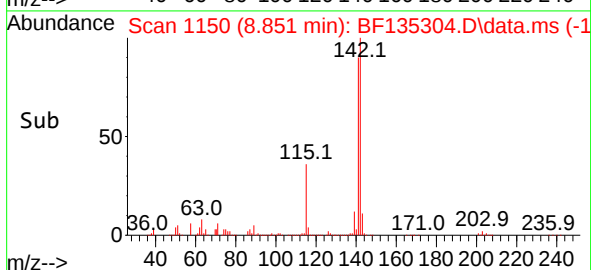
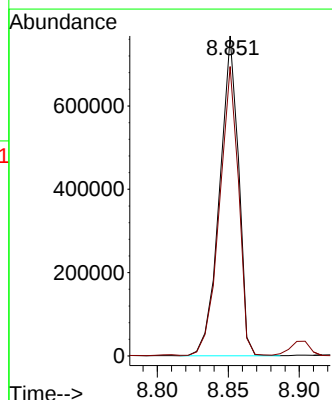
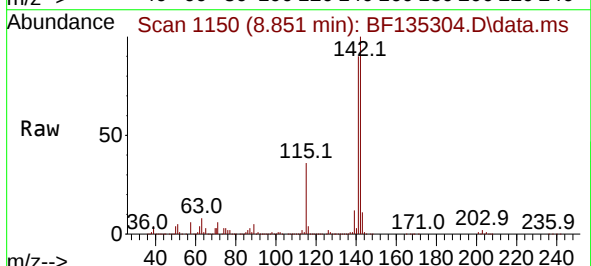
APPROVED

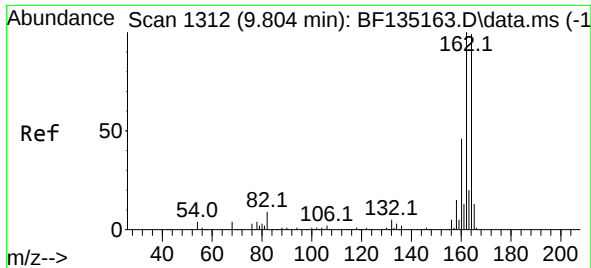
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#38
1-Methylnaphthalene
Concen: 42.884 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:142 Resp: 709627
Ion Ratio Lower Upper
142 100
141 90.4 72.4 108.6





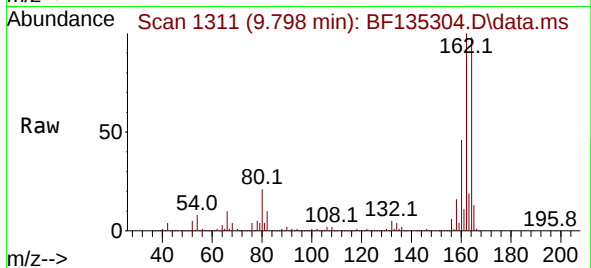
#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

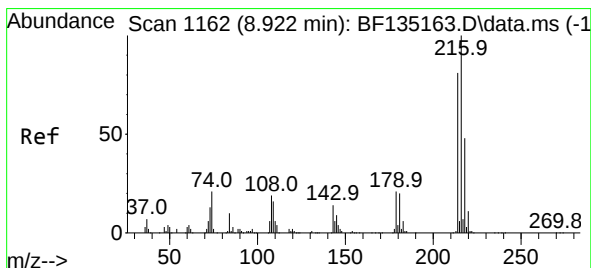
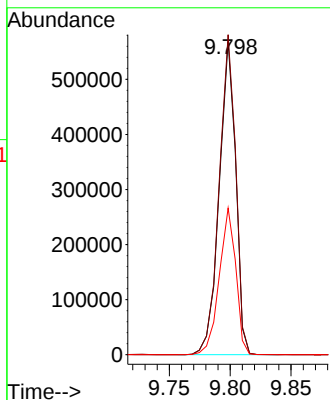
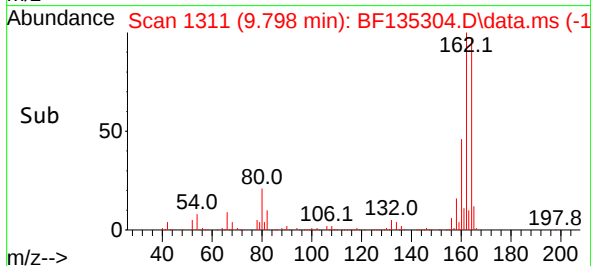
PB155361BS



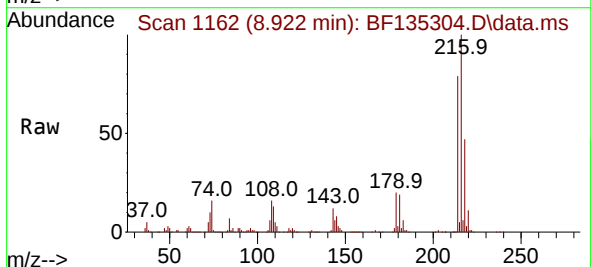
Tgt Ion:164 Resp: 53624
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.4
160 46.8 37.0 55.4

Manual Integrations
APPROVED

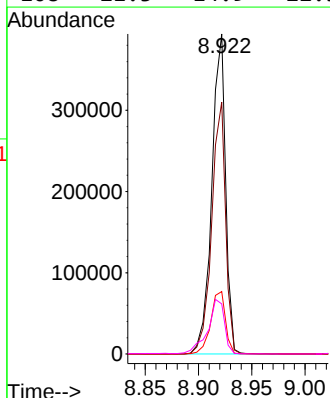
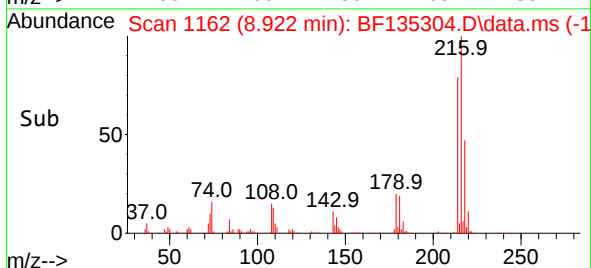
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.534 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:216 Resp: 353691
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 21.0 16.7 25.1
108 21.3 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 87.706 ng
RT: 8.904 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

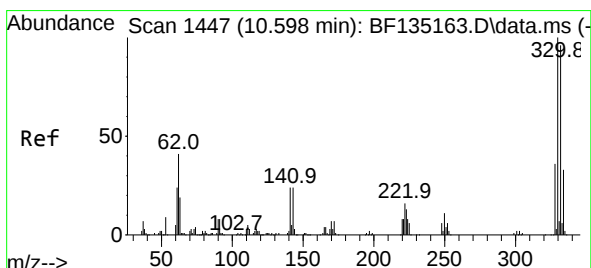
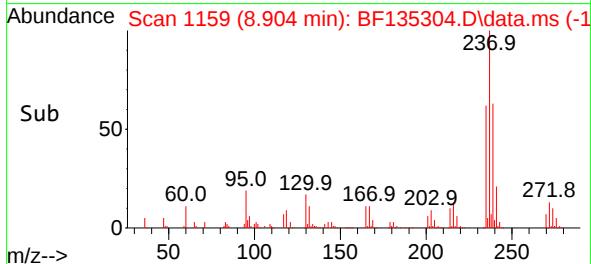
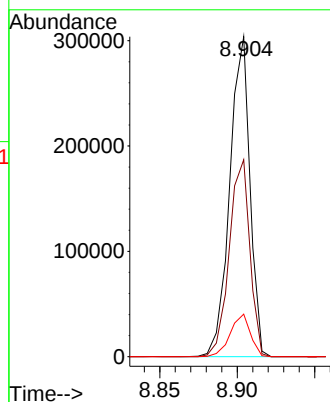
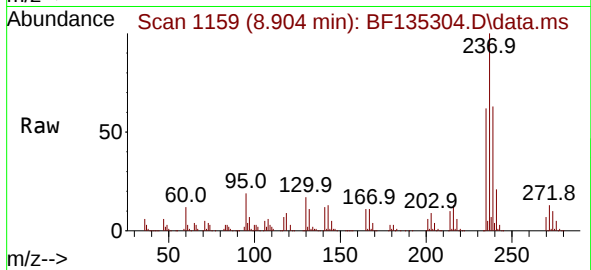
PB155361BS

Tgt Ion: 237 Resp: 275020
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 13.3 0.0 33.6

Manual Integrations

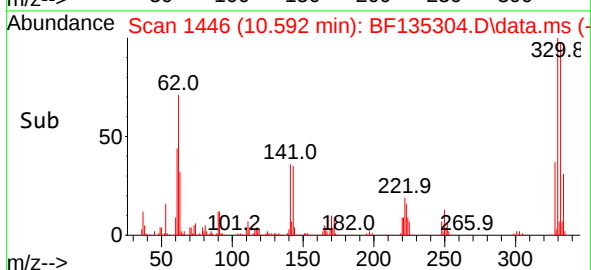
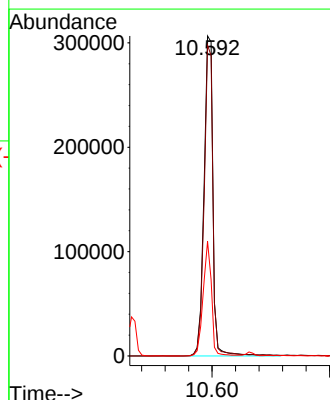
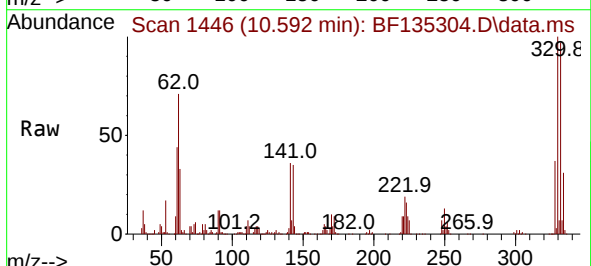
APPROVED

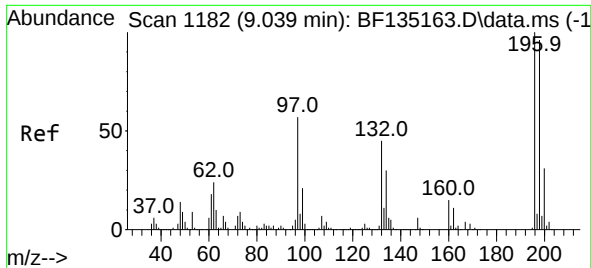
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#42
2,4,6-Tribromophenol
Concen: 121.659 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion: 330 Resp: 324157
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 33.5 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.835 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

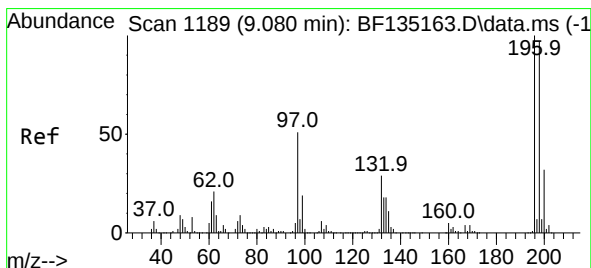
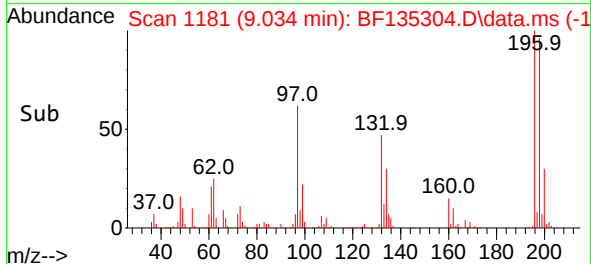
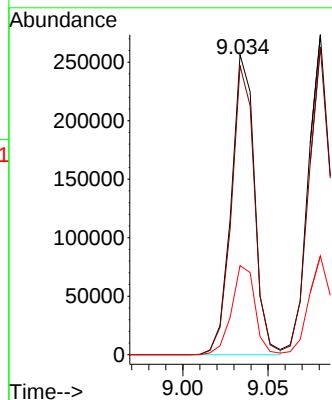
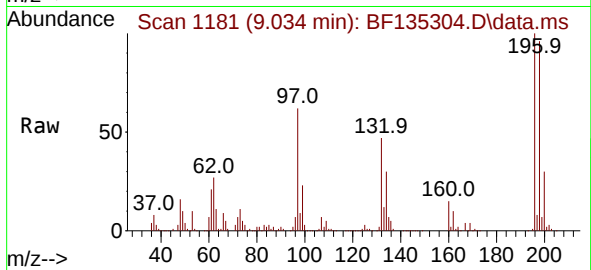
PB155361BS

Tgt Ion:196 Resp: 243278
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
200 29.7 24.5 36.7

Manual Integrations

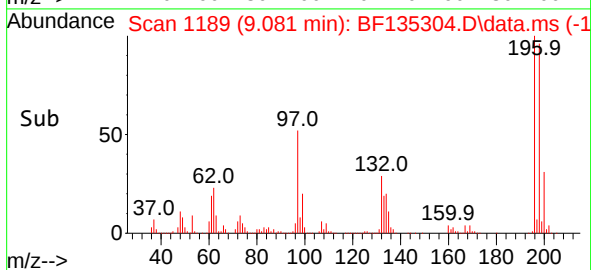
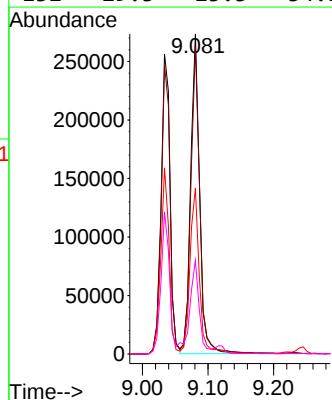
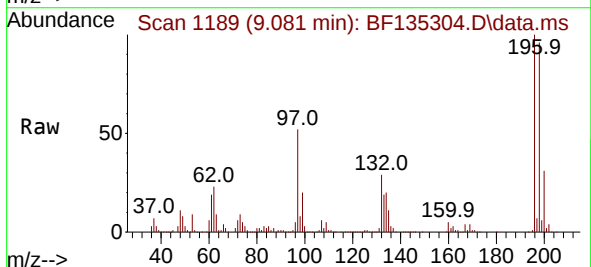
APPROVED

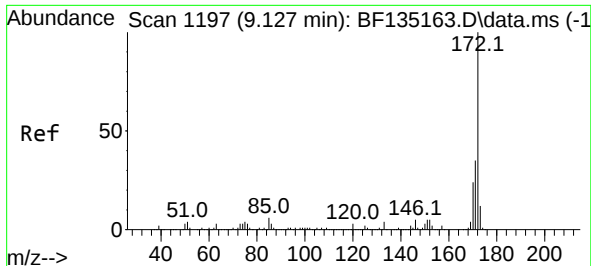
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#44
2,4,5-Trichlorophenol
Concen: 44.762 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:196 Resp: 262165
Ion Ratio Lower Upper
196 100
198 96.2 77.5 116.3
97 51.8 40.5 60.7
132 29.3 23.3 34.9





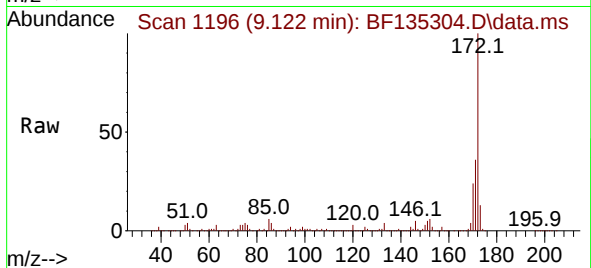
#45
2-Fluorobiphenyl
Concen: 82.388 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS



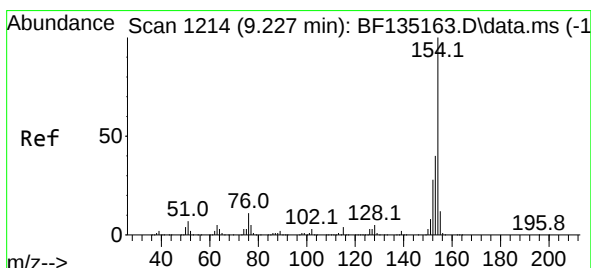
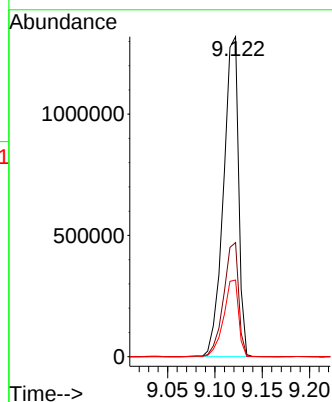
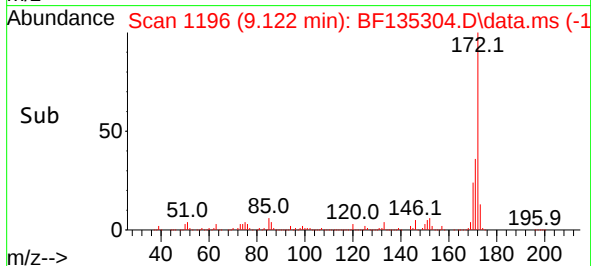
Tgt Ion:172 Resp: 146415
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.0 19.0 28.4

Manual Integrations

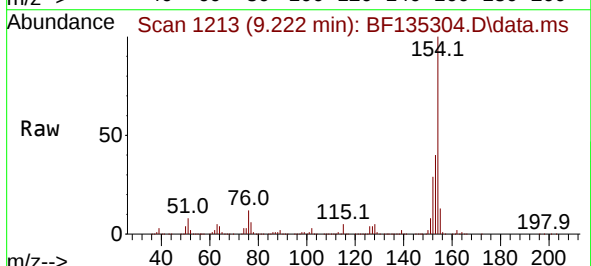
APPROVED

Reviewed By :Yogesh Patel 09/19/2023

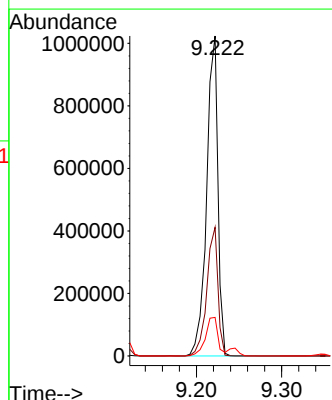
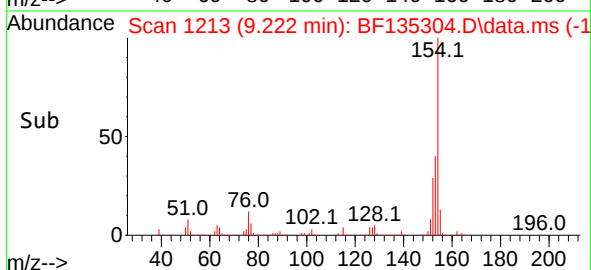
Supervised By :mohammad ahmed 09/19/2023

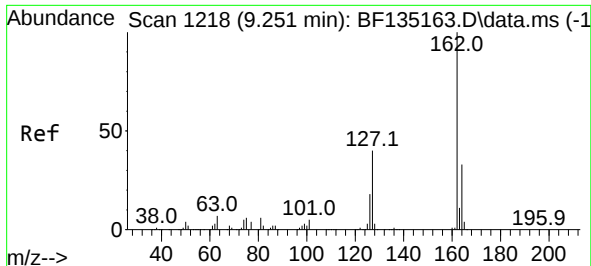


#46
1,1'-Biphenyl
Concen: 45.424 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:154 Resp: 935941
Ion Ratio Lower Upper
154 100
153 40.2 19.6 59.6
76 12.1 0.0 31.0





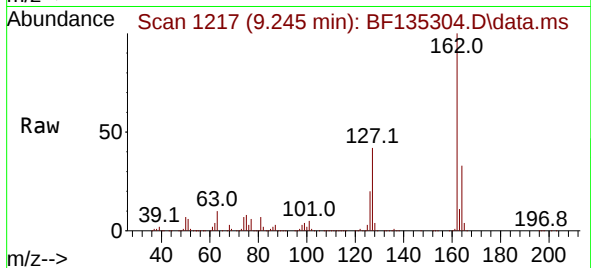
#47
2-Chloronaphthalene
Concen: 47.497 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

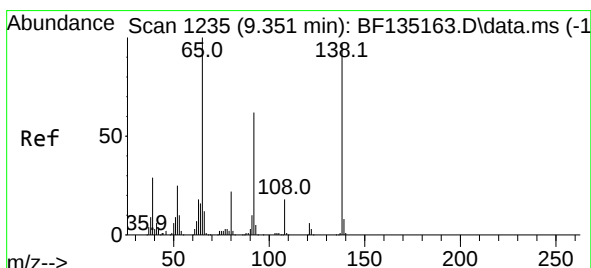
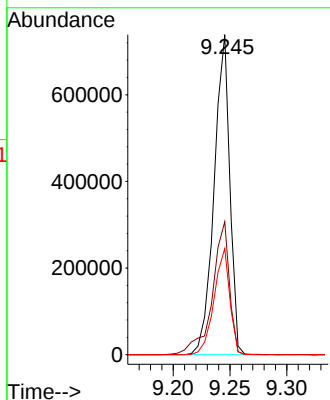
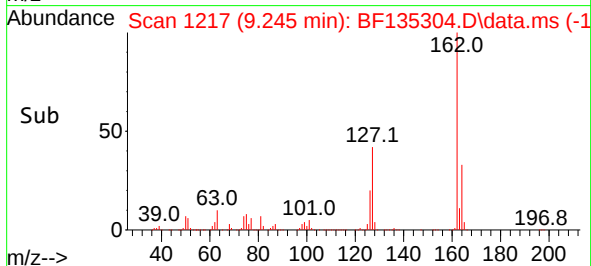


Tgt Ion:162 Resp: 710074
Ion Ratio Lower Upper
162 100
127 41.5 32.6 48.8
164 33.1 26.2 39.2

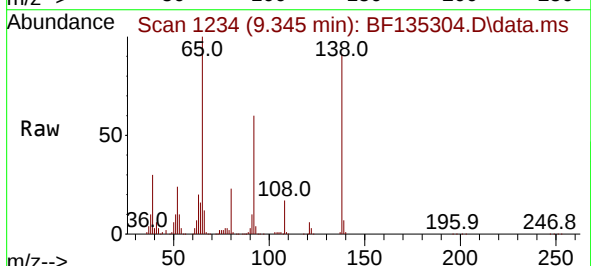
Manual Integrations

APPROVED

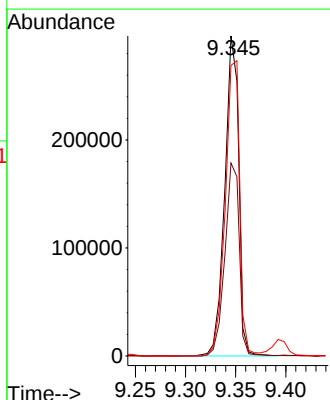
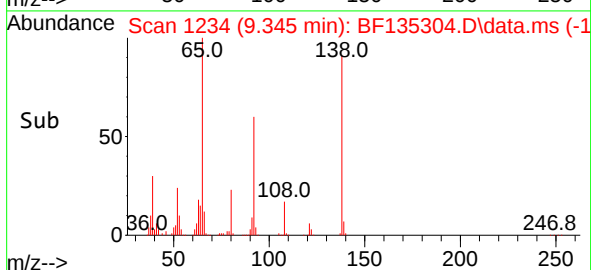
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

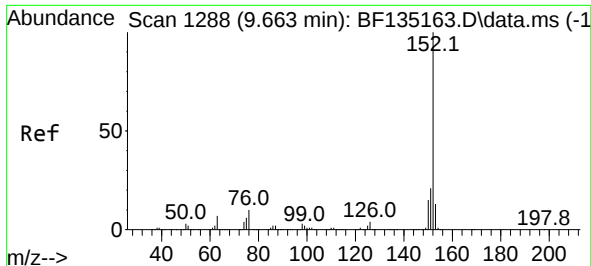


#48
2-Nitroaniline
Concen: 49.246 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



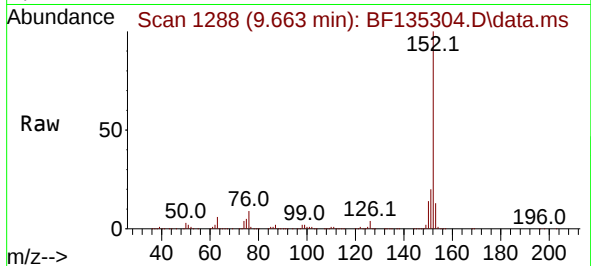
Tgt Ion: 65 Resp: 286022
Ion Ratio Lower Upper
65 100
92 60.3 49.4 74.0
138 90.8 77.4 116.0





#49
Acenaphthylene
Concen: 45.137 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

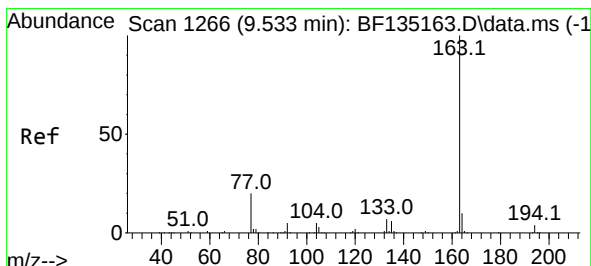
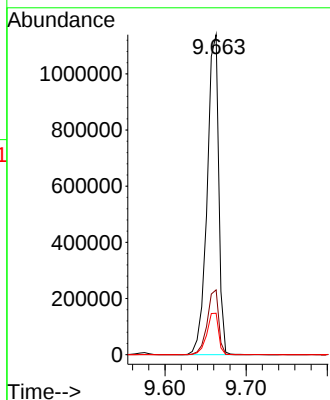
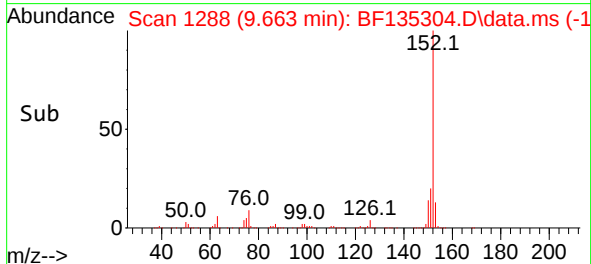
Instrument :
BNA_F
ClientSampleId :
PB155361BS



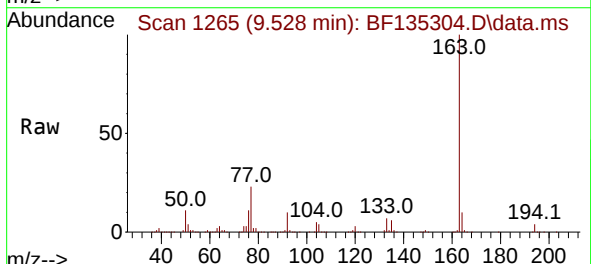
Tgt Ion:152 Resp: 1121450
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.0 10.4 15.6

Manual Integrations
APPROVED

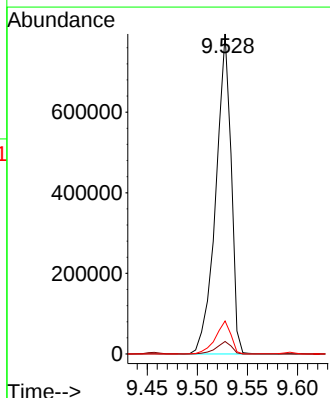
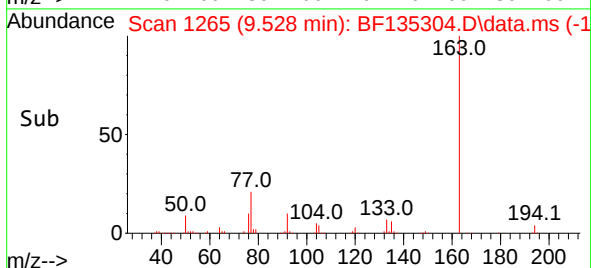
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

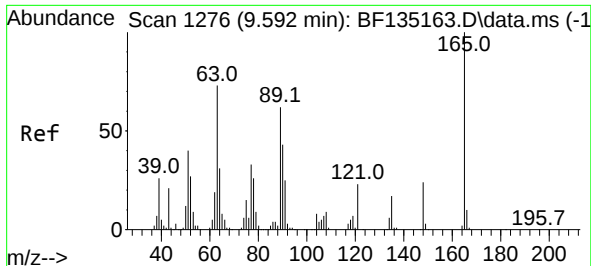


#50
Dimethylphthalate
Concen: 46.464 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:163 Resp: 842289
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.1 12.1





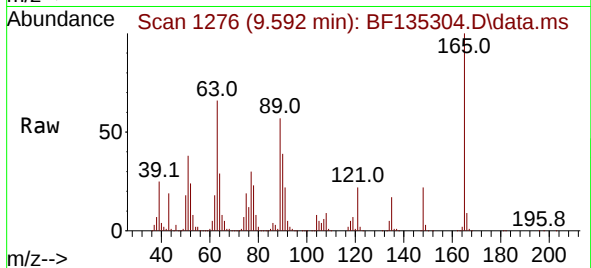
#51
2,6-Dinitrotoluene
Concen: 48.512 ng
RT: 9.592 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

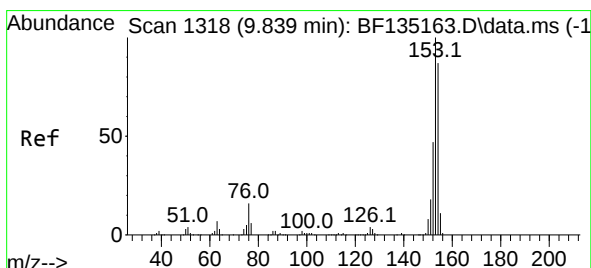
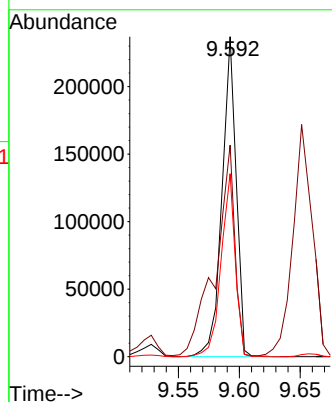
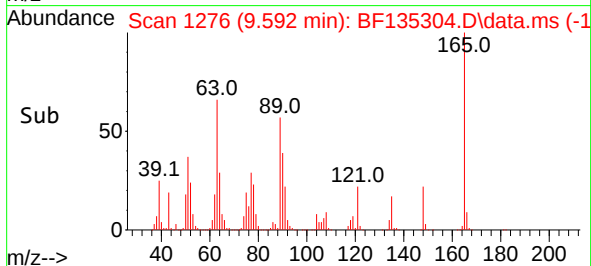


Tgt Ion:165 Resp: 192649
Ion Ratio Lower Upper
165 100
63 66.1 59.4 89.2
89 57.2 49.8 74.8

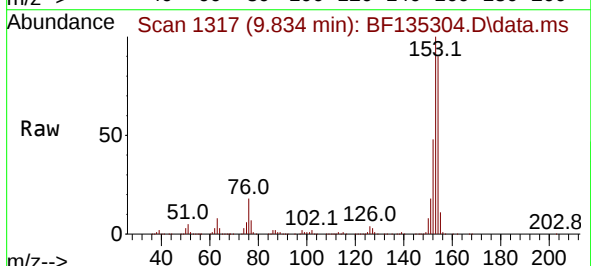
Manual Integrations

APPROVED

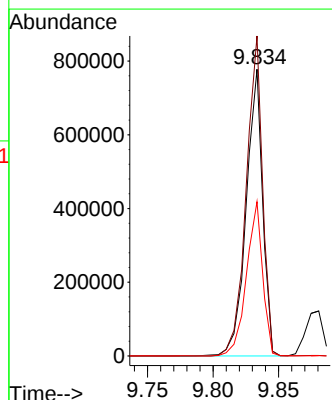
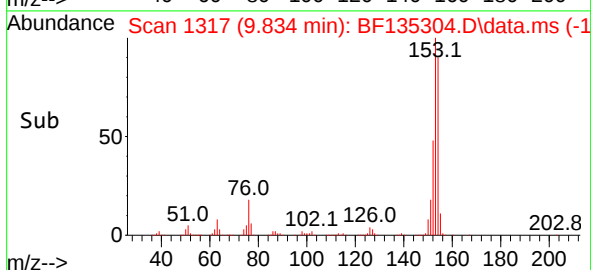
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

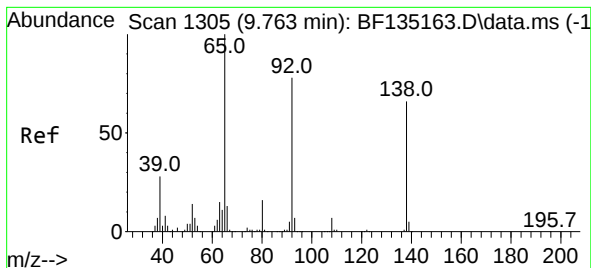


#52
Acenaphthene
Concen: 46.334 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:154 Resp: 680070
Ion Ratio Lower Upper
154 100
153 111.6 92.1 138.1
152 53.8 43.1 64.7





#53

3-Nitroaniline

Concen: 41.455 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

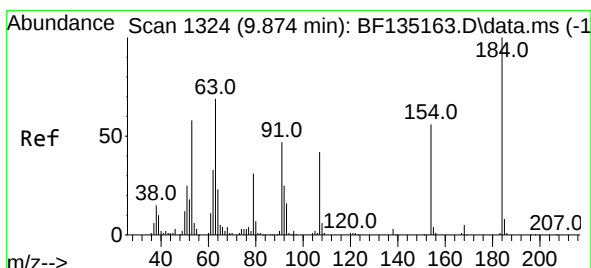
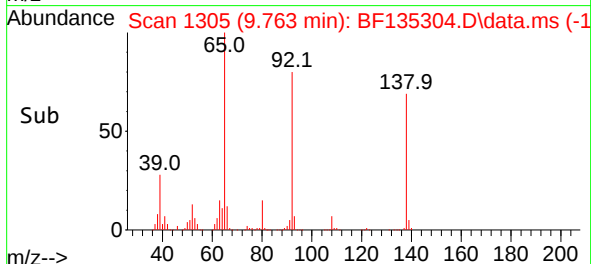
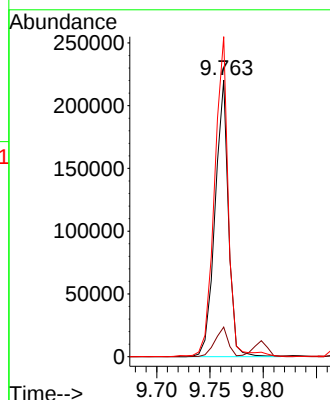
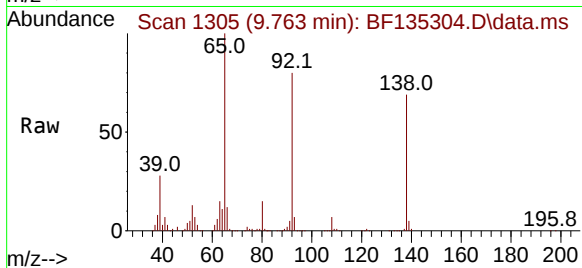
PB155361BS

Tgt Ion:138 Resp: 193244
 Ion Ratio Lower Upper
 138 100
 108 10.7 8.5 12.7
 92 115.7 95.4 143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#54

2,4-Dinitrophenol

Concen: 99.571 ng

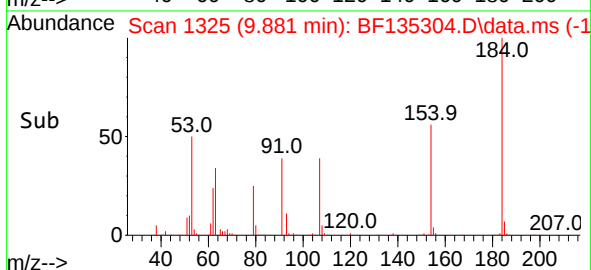
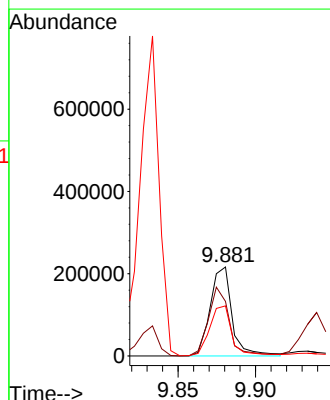
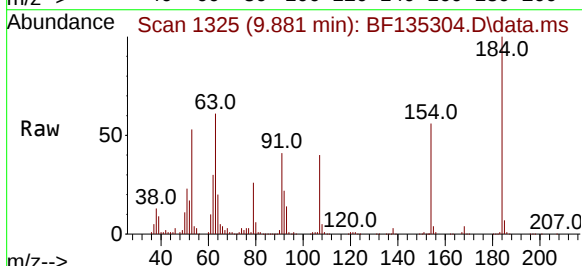
RT: 9.881 min Scan# 1325

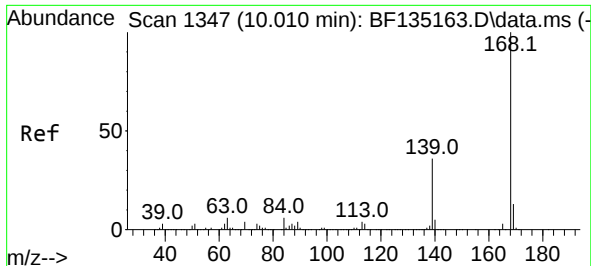
Delta R.T. 0.007 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

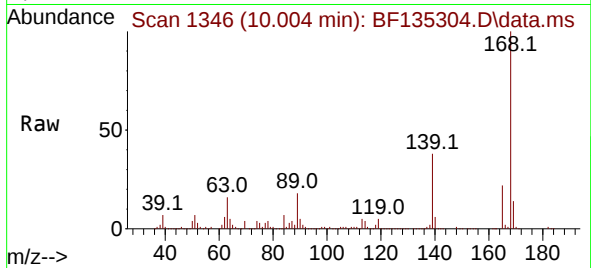
Tgt Ion:184 Resp: 212934
 Ion Ratio Lower Upper
 184 100
 63 61.3 55.1 82.7
 154 56.3 48.4 72.6





#55
Dibenzenofuran
Concen: 43.906 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

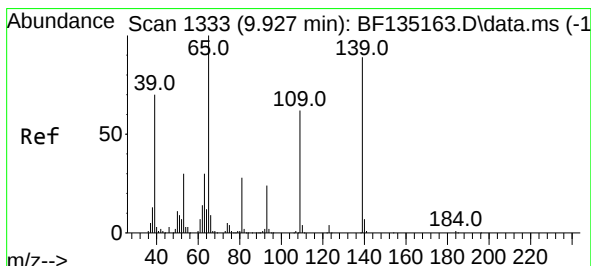
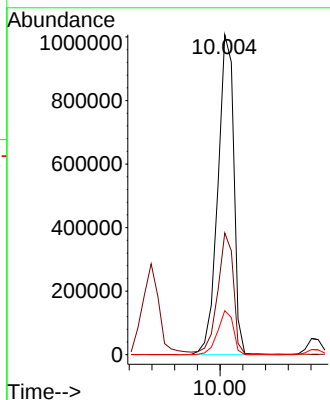
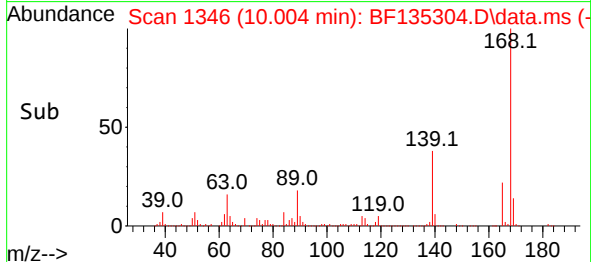
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion:168 Resp: 983390
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.8 10.4 15.6

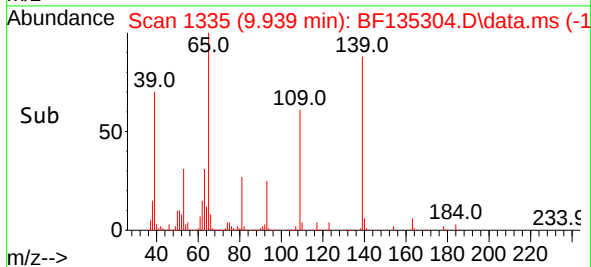
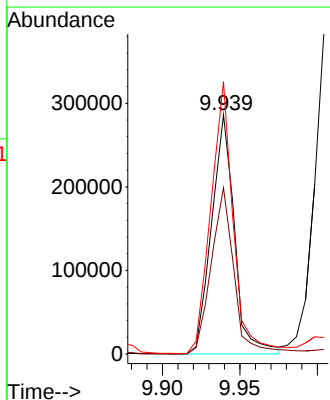
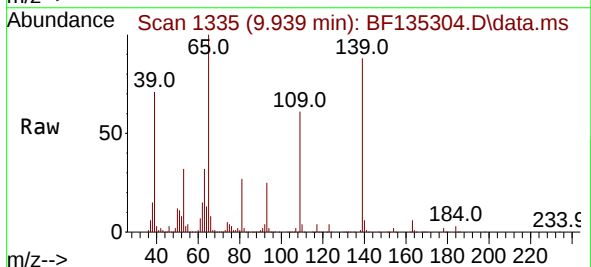
Manual Integrations
APPROVED

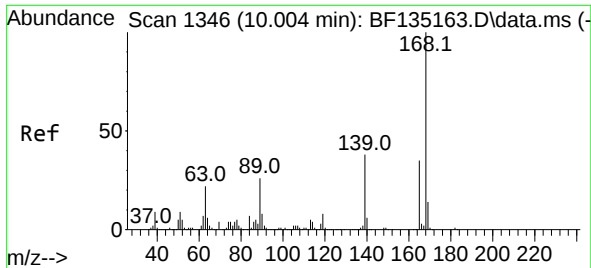
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 99.280 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:139 Resp: 294129
Ion Ratio Lower Upper
139 100
109 69.5 49.8 89.8
65 113.9 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.937 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

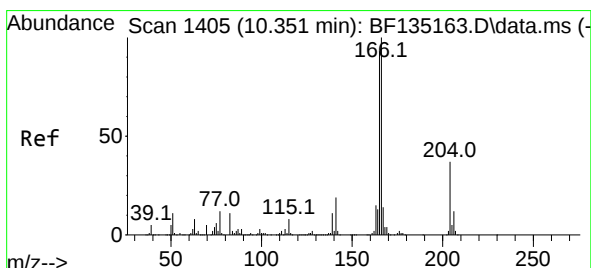
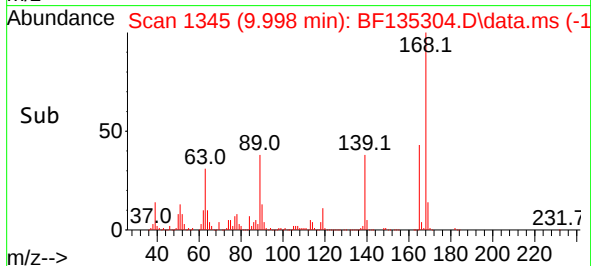
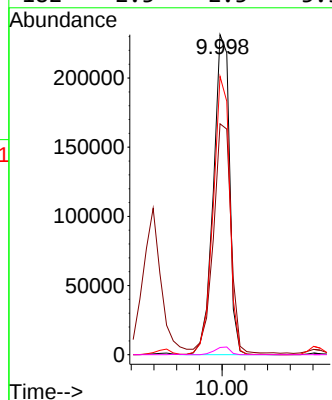
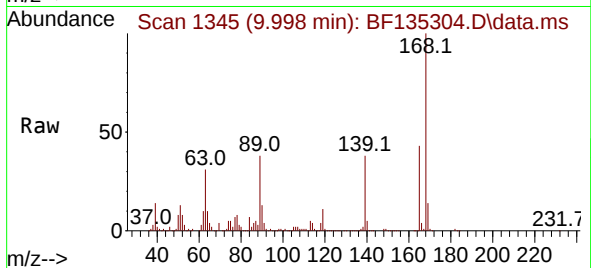
PB155361BS

Tgt Ion:165 Resp: 22837
Ion Ratio Lower Upper
165 100
63 72.2 50.1 75.1
89 87.0 59.3 88.9
182 2.3 2.3 3.5#

Manual Integrations

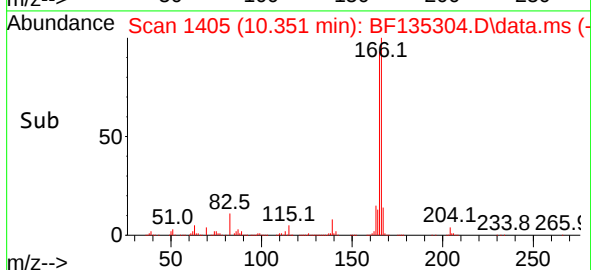
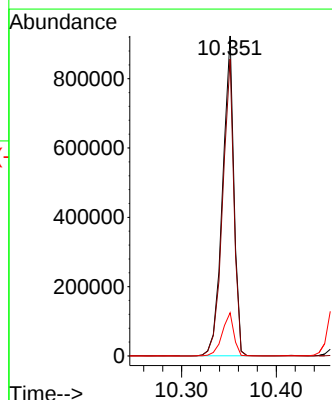
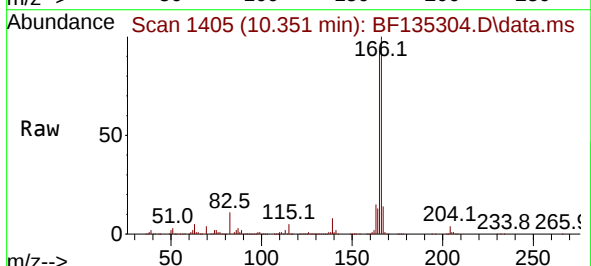
APPROVED

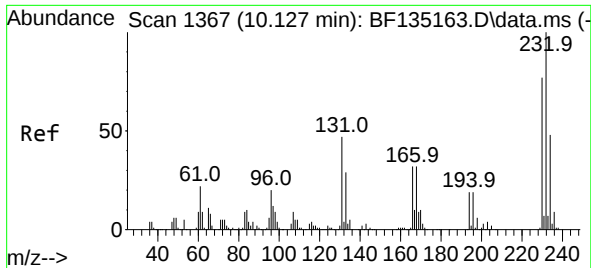
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#58
Fluorene
Concen: 44.828 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

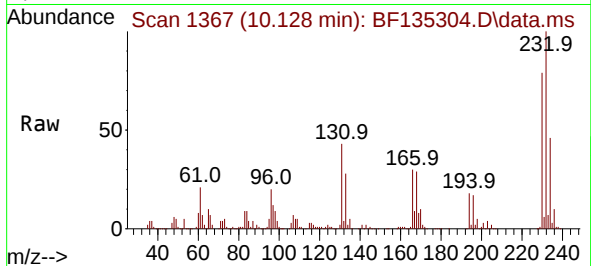
Tgt Ion:166 Resp: 771871
Ion Ratio Lower Upper
166 100
165 92.8 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.417 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

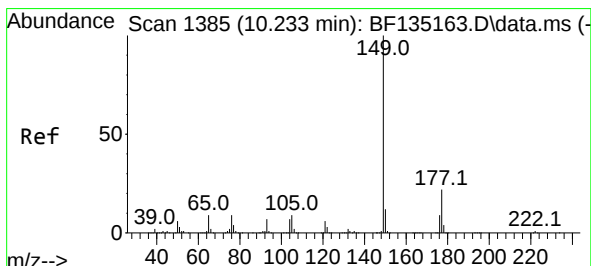
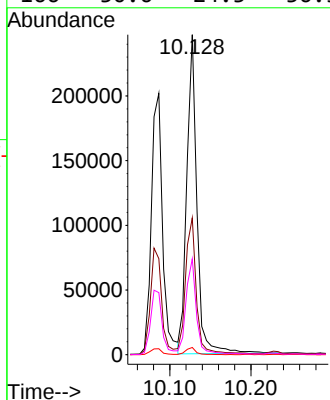
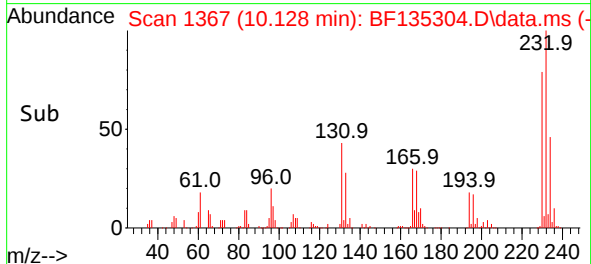
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion:232 Resp: 213629
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.3 1.8 2.8
166 30.6 24.3 36.5

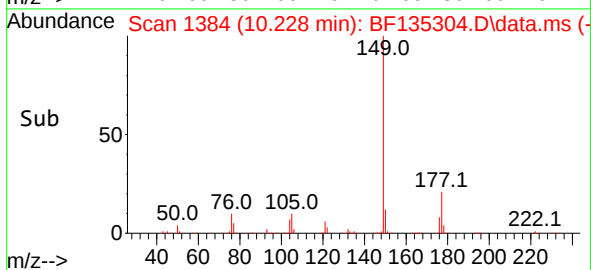
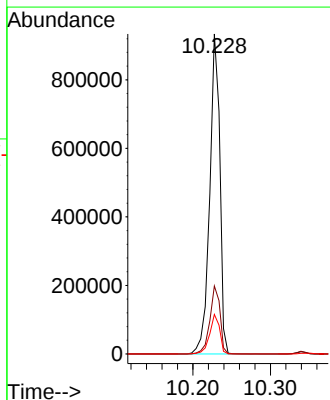
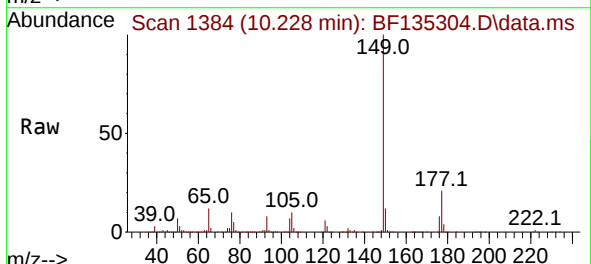
Manual Integrations
APPROVED

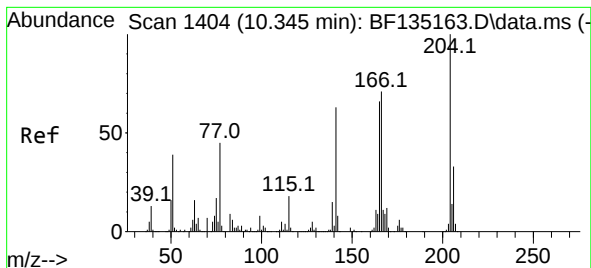
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#60
Diethylphthalate
Concen: 46.413 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

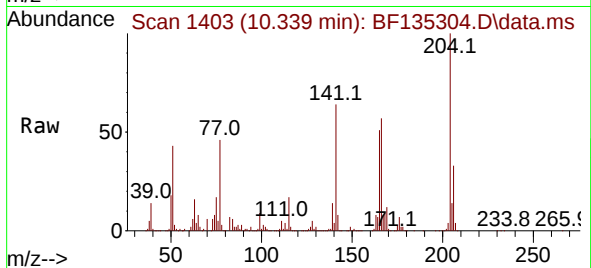
Tgt Ion:149 Resp: 844385
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.327 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

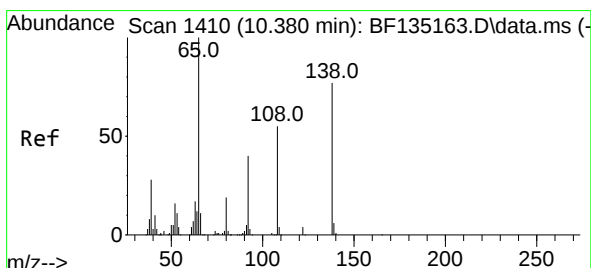
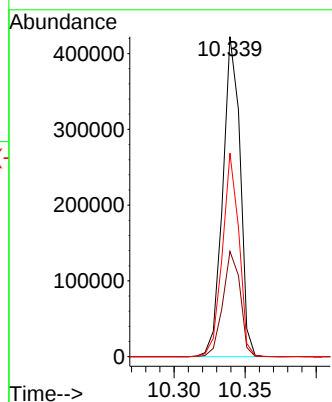
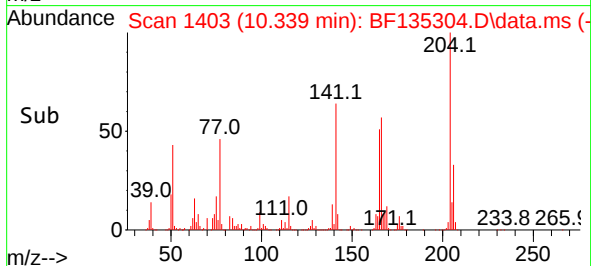
Instrument :
BNA_F
ClientSampleId :
PB155361BS



Tgt Ion:204 Resp: 358360
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 63.6 50.6 75.8

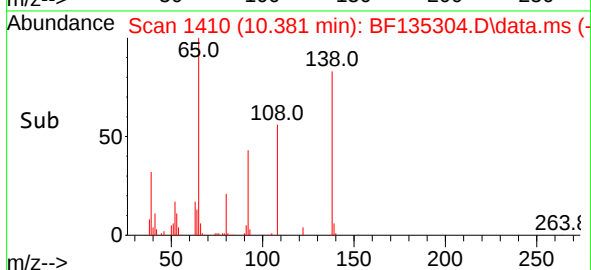
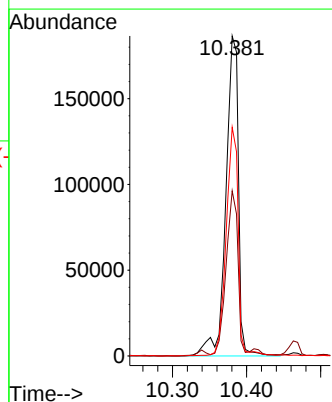
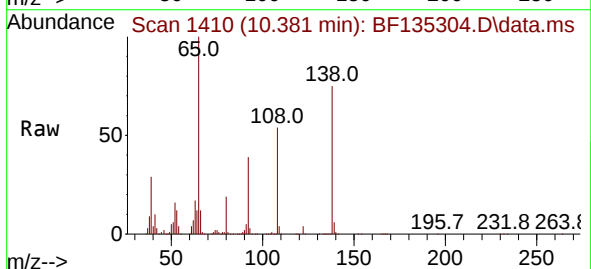
Manual Integrations
APPROVED

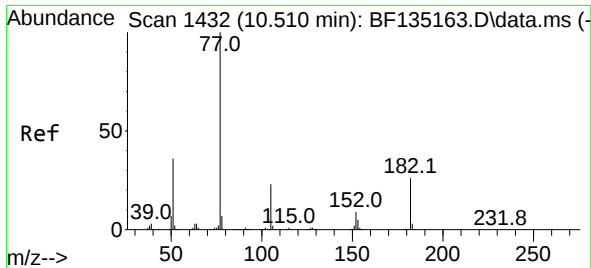
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 49.175 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

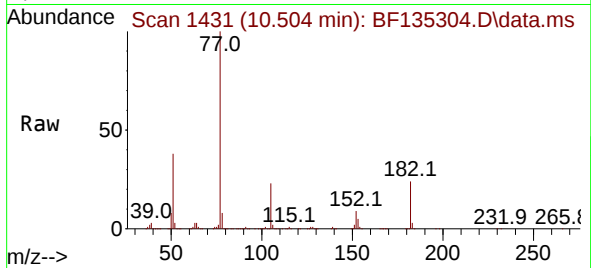
Tgt Ion:138 Resp: 220343
Ion Ratio Lower Upper
138 100
92 51.6 31.8 71.8
108 71.5 52.0 92.0





#63
Azobenzene
Concen: 47.924 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

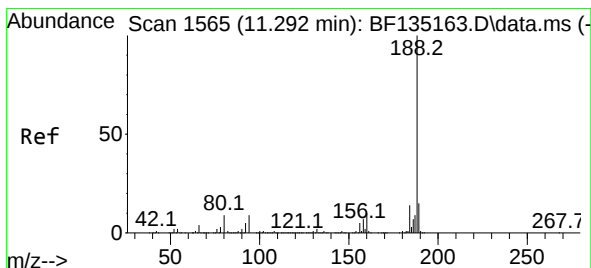
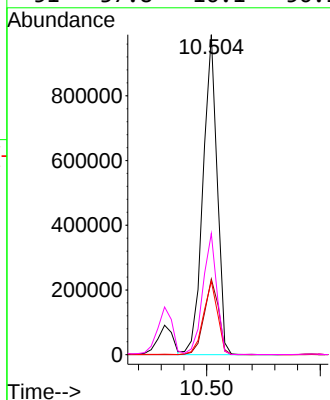
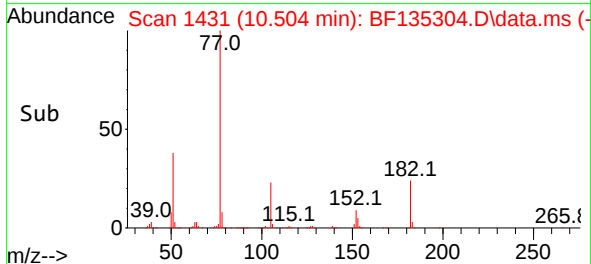
Instrument :
BNA_F
ClientSampleId :
PB155361BS



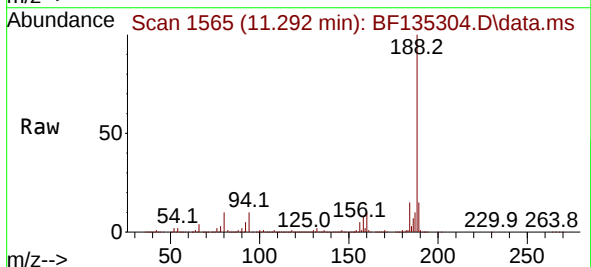
Tgt Ion: 77 Resp: 853295
Ion Ratio Lower Upper
77 100
182 23.6 6.4 46.4
105 22.9 3.1 43.1
51 37.8 16.1 56.1

Manual Integrations
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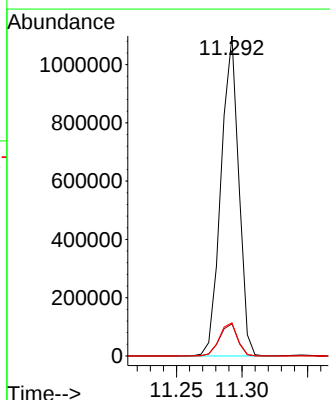
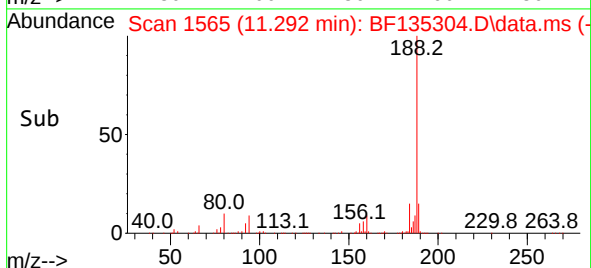
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

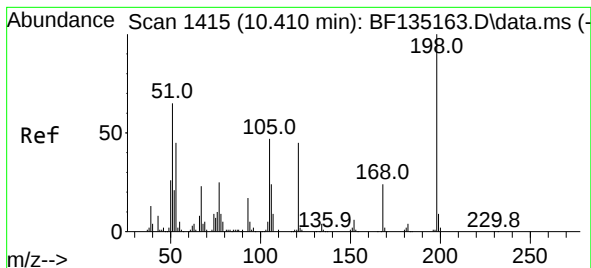


#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:188 Resp: 1029823
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.4 7.5 11.3





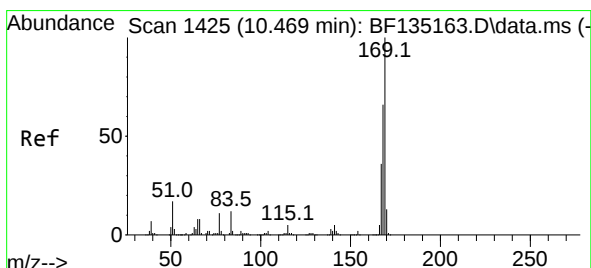
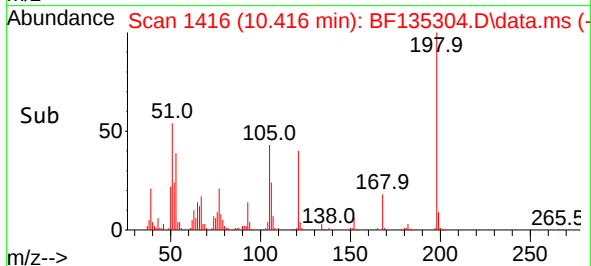
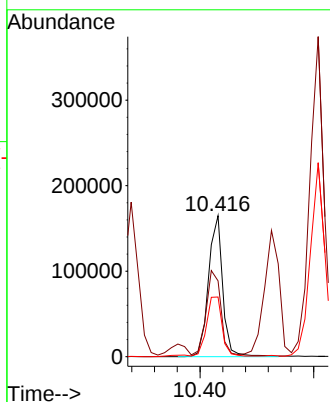
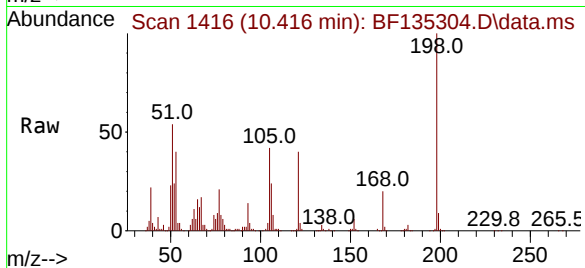
#65
4,6-Dinitro-2-methylphenol
Concen: 52.201 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion:198 Resp: 142762
Ion Ratio Lower Upper
198 100
51 53.8 47.7 87.7
105 42.4 27.4 67.4

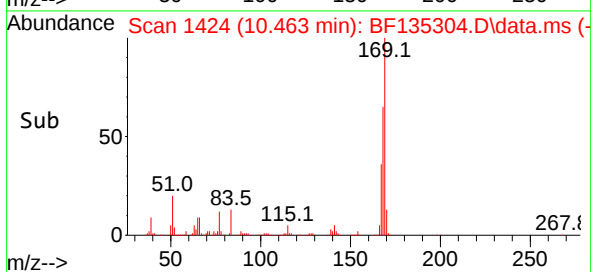
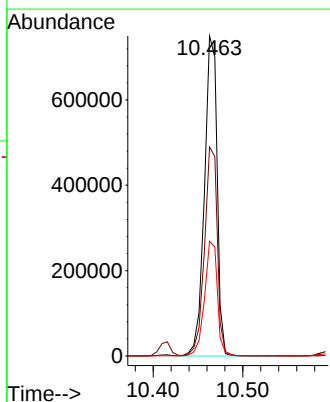
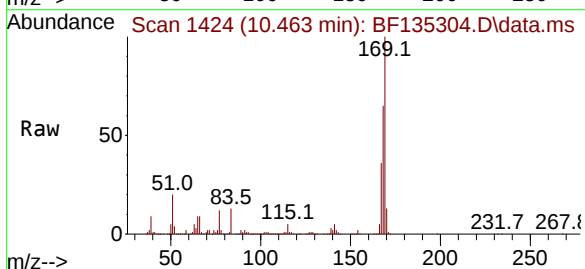
Manual Integrations
APPROVED

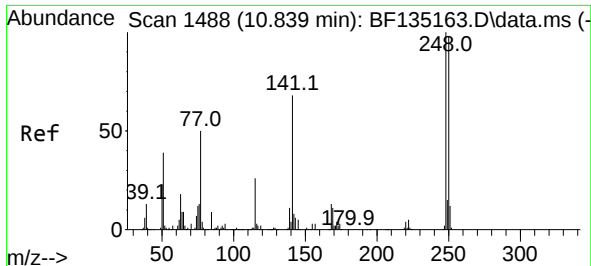
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#66
n-Nitrosodiphenylamine
Concen: 47.142 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:169 Resp: 734881
Ion Ratio Lower Upper
169 100
168 65.3 52.8 79.2
167 35.9 29.0 43.6





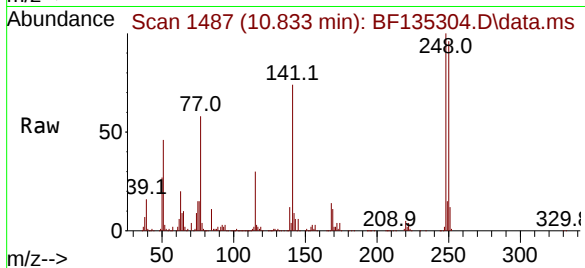
#67
4-Bromophenyl-phenylether
Concen: 45.099 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

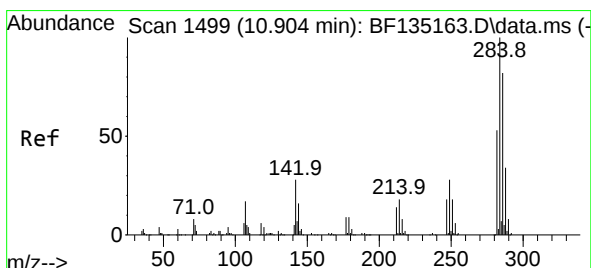
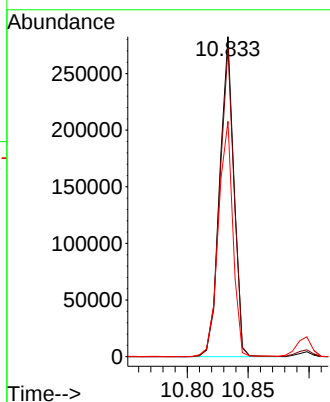
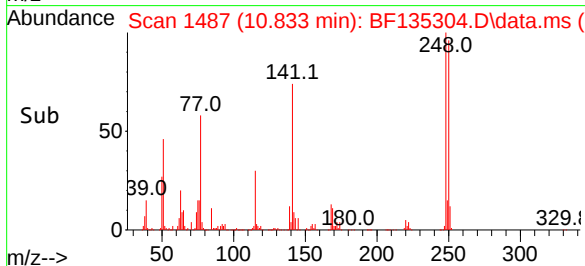


Tgt Ion:248 Resp: 230962
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 73.5 54.2 81.2

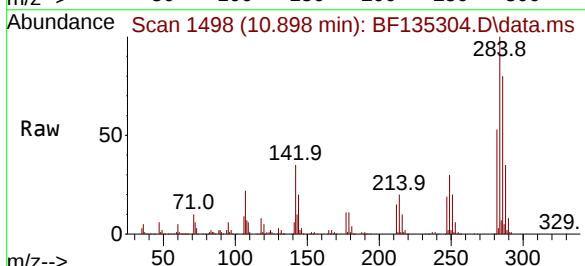
Manual Integrations

APPROVED

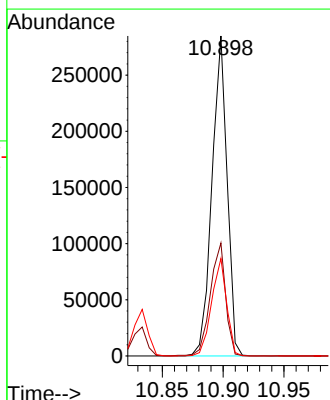
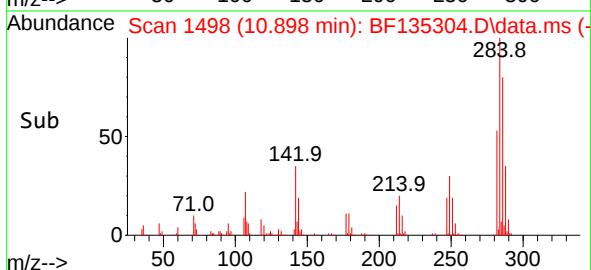
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

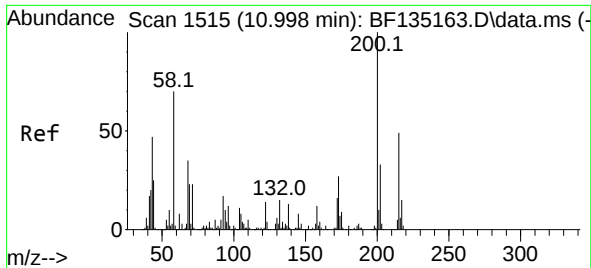


#68
Hexachlorobenzene
Concen: 47.260 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



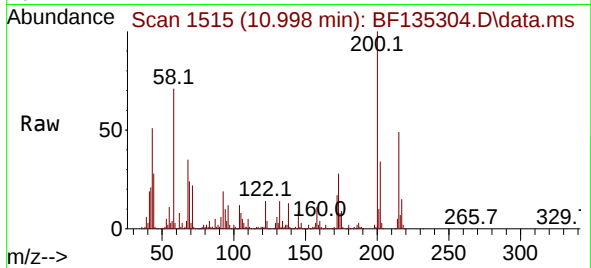
Tgt Ion:284 Resp: 246571
Ion Ratio Lower Upper
284 100
142 35.3 22.2 33.4#
249 30.5 22.5 33.7





#69
 Atrazine
 Concen: 55.046 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

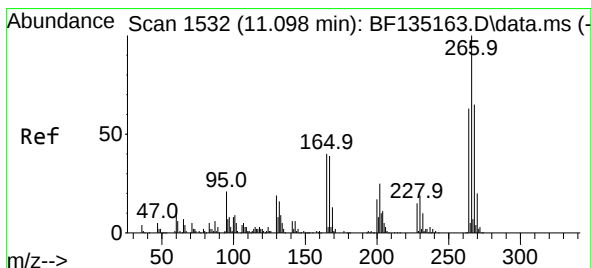
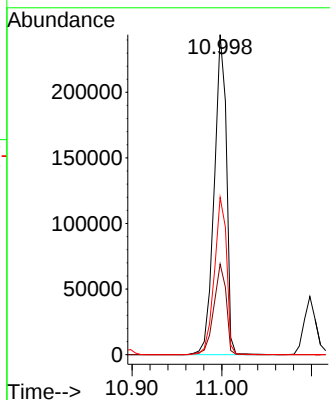
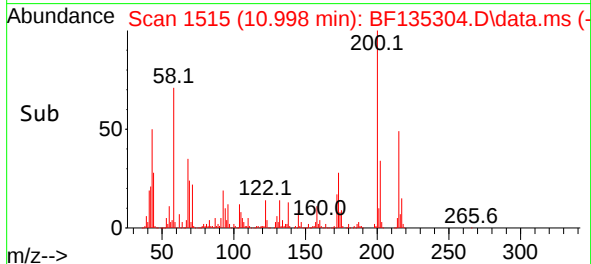
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS



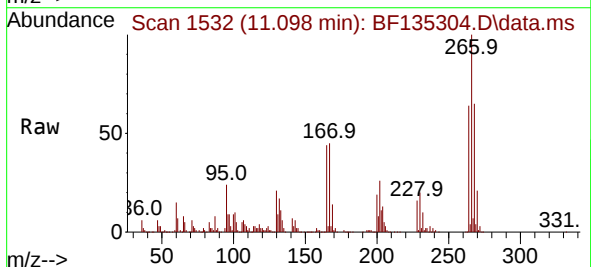
Tgt Ion:200 Resp: 230890
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.4 47.4
 215 49.2 28.6 68.6

Manual Integrations
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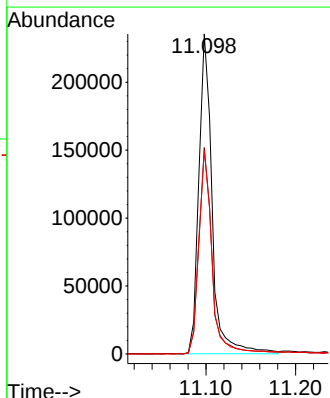
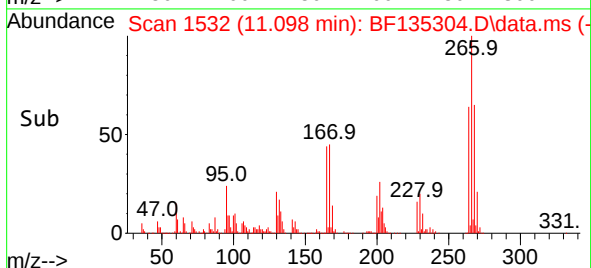
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#70
 Pentachlorophenol
 Concen: 77.384 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52



Tgt Ion:266 Resp: 241555
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.1 78.1
 264 63.6 50.8 76.2





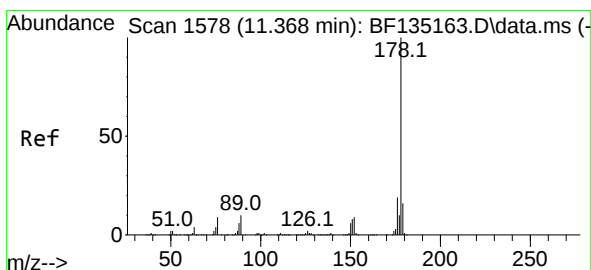
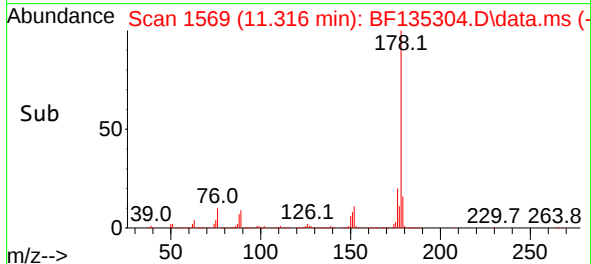
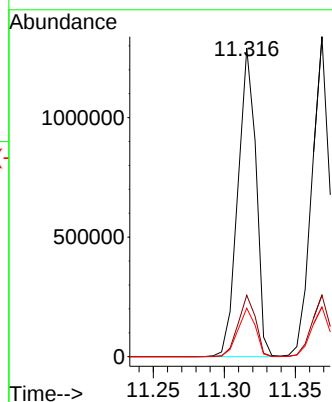
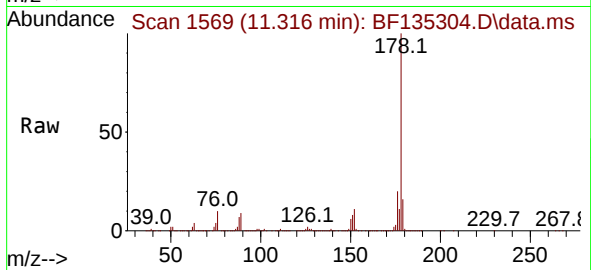
#71
Phenanthrene
Concen: 46.959 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion:178 Resp: 114359
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.7 12.0 18.0

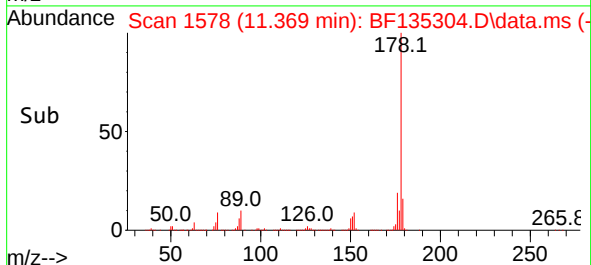
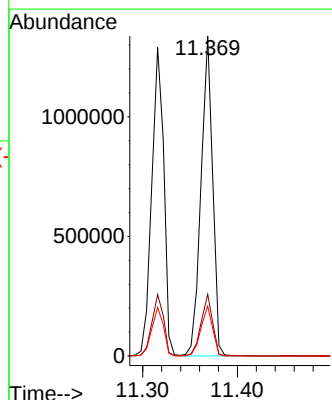
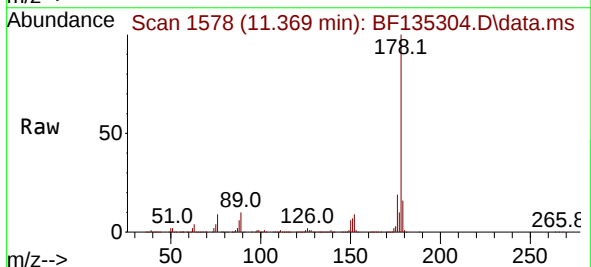
Manual Integrations
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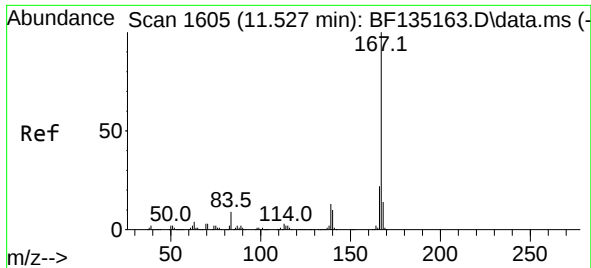
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 45.952 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

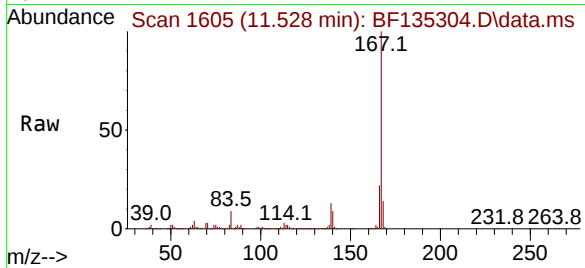
Tgt Ion:178 Resp: 1150279
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 47.708 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

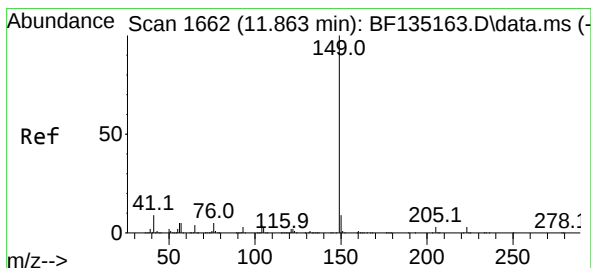
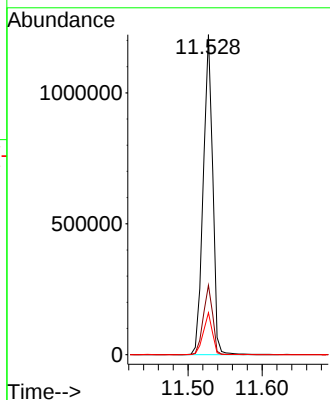
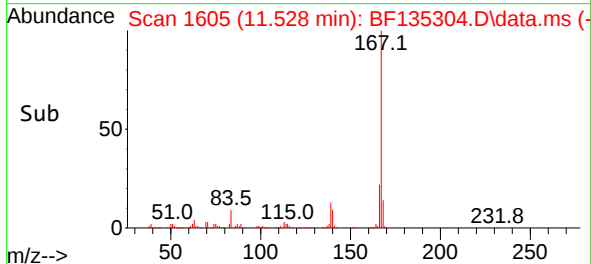
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS



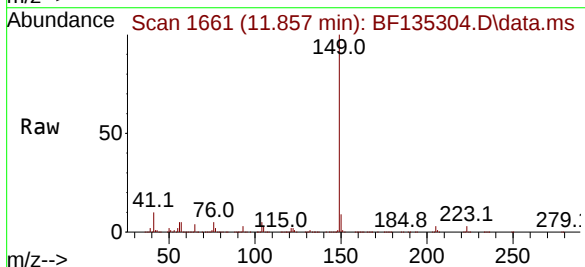
Tgt Ion:167 Resp: 1087149
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.1 10.6 15.8

Manual Integrations
 APPROVED

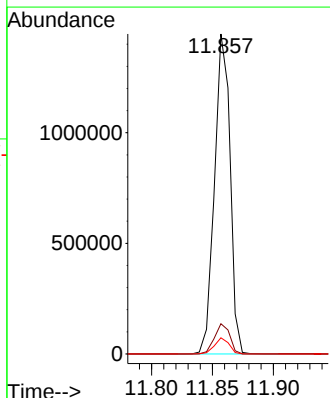
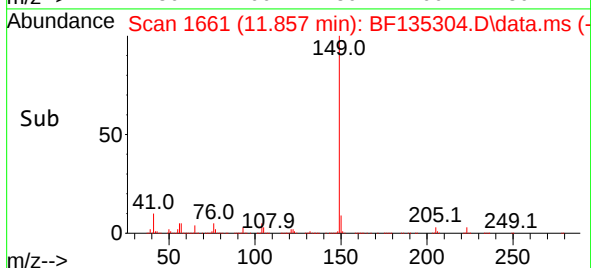
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

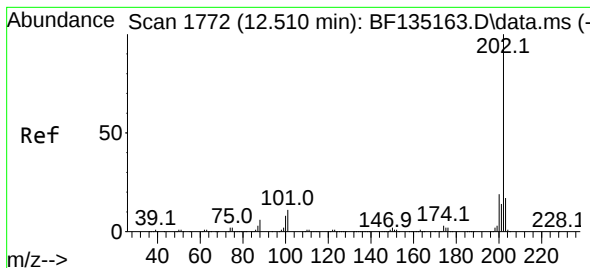


#74
 Di-n-butylphthalate
 Concen: 48.077 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52



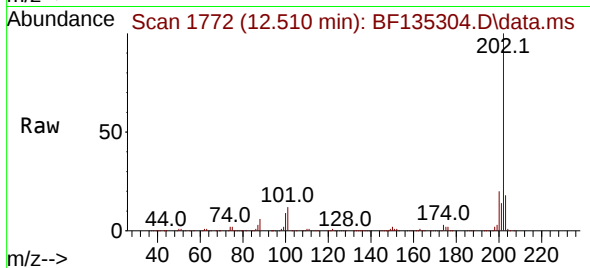
Tgt Ion:149 Resp: 1290957
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 46.030 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

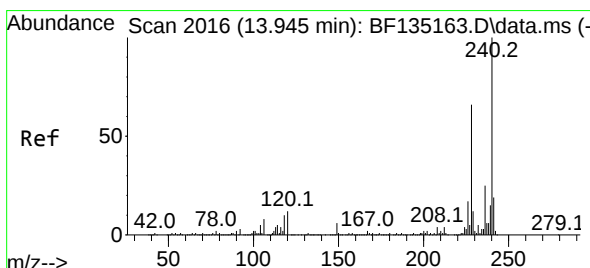
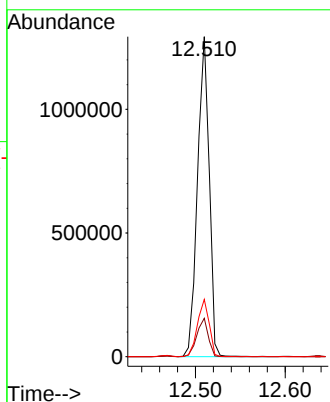
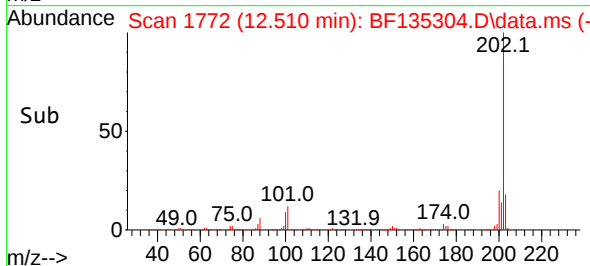
Instrument :
BNA_F
ClientSampleId :
PB155361BS



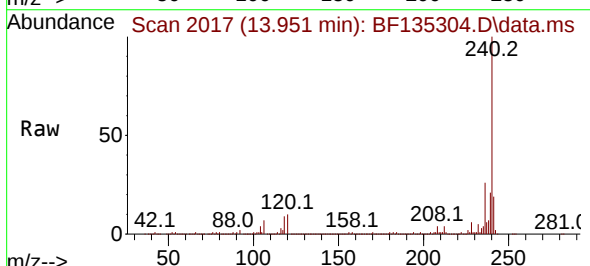
Tgt Ion:202 Resp: 116804
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.3
203 17.9 0.0 37.4

Manual Integrations
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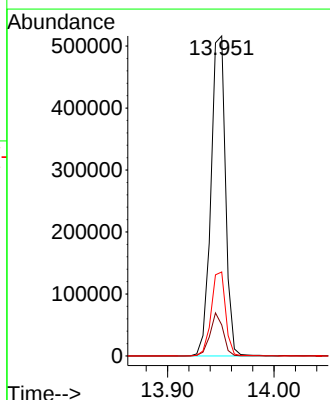
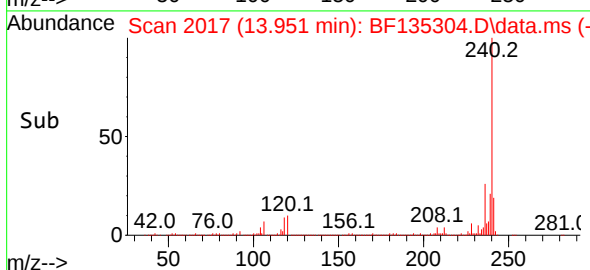
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

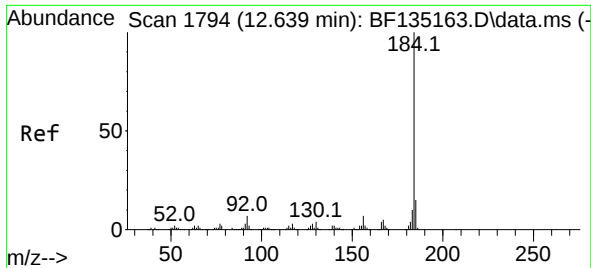


#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



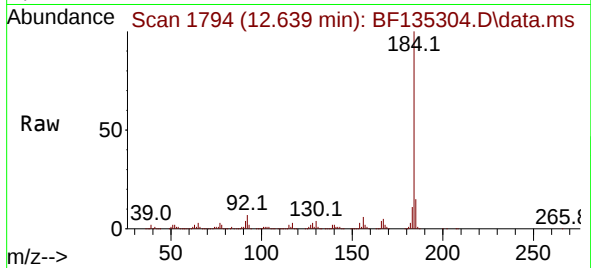
Tgt Ion:240 Resp: 488588
Ion Ratio Lower Upper
240 100
120 9.7 9.4 14.2
236 26.3 19.8 29.8





#77
Benzidine
Concen: 88.526 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

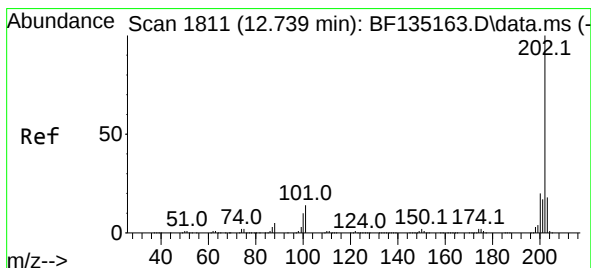
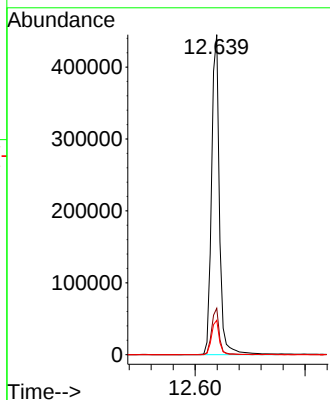
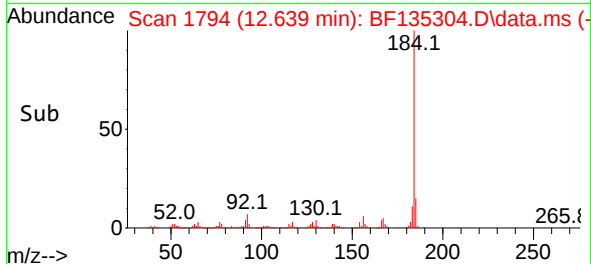
Instrument :
BNA_F
ClientSampleId :
PB155361BS



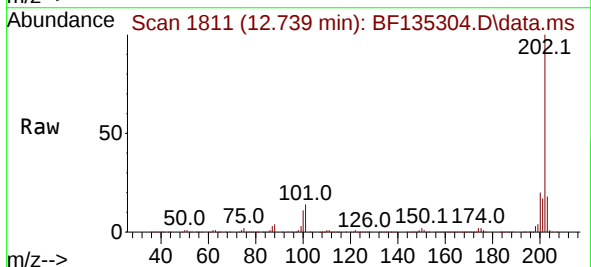
Tgt Ion:184 Resp: 443054
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.8 8.2 12.4

Manual Integrations
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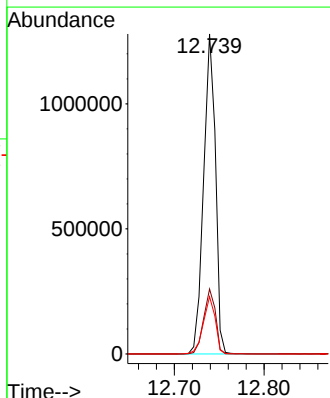
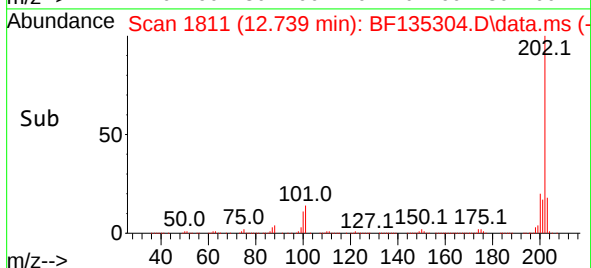
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#78
Pyrene
Concen: 50.346 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:202 Resp: 1170986
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 90.086 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135304.D

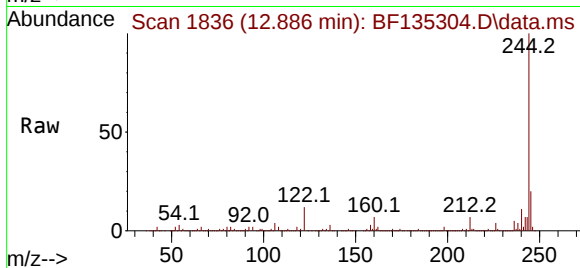
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS



Tgt Ion:244 Resp: 141966

Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

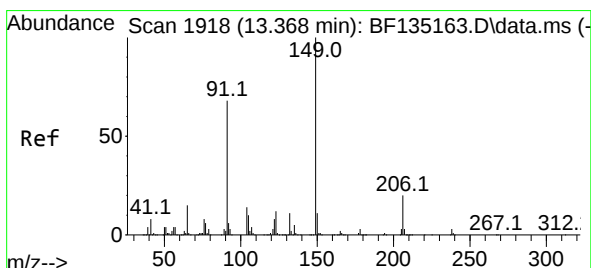
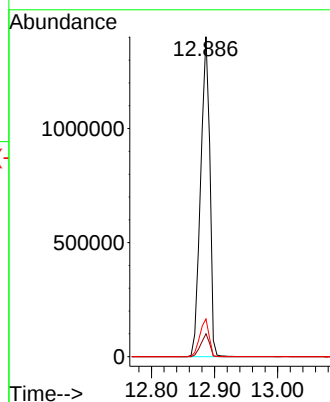
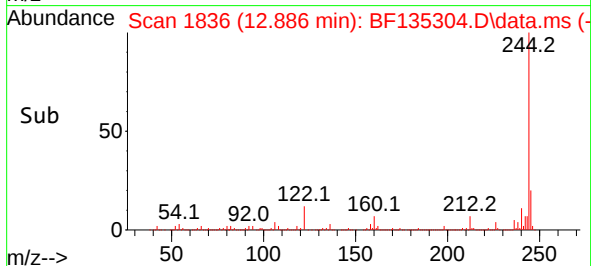
122 11.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#80

Butylbenzylphthalate

Concen: 51.637 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

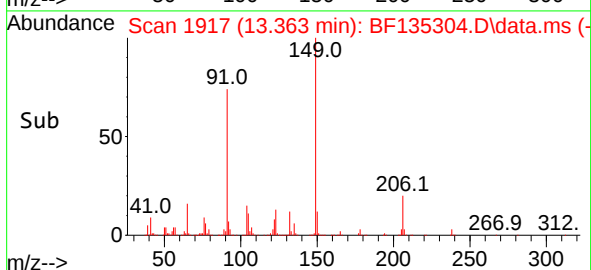
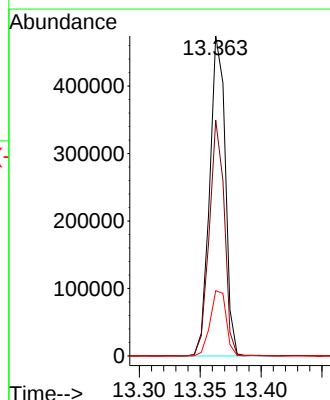
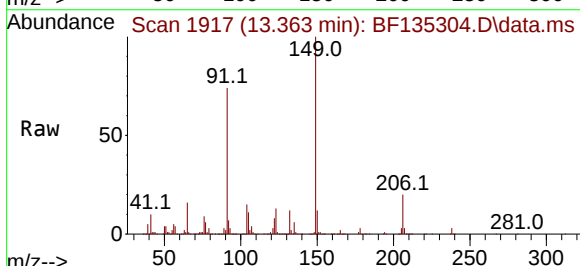
Tgt Ion:149 Resp: 422851

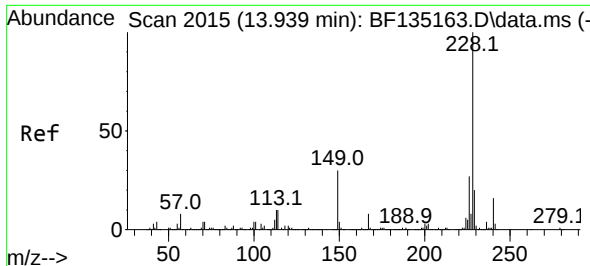
Ion Ratio Lower Upper

149 100

91 73.7 54.7 82.1

206 20.4 16.3 24.5





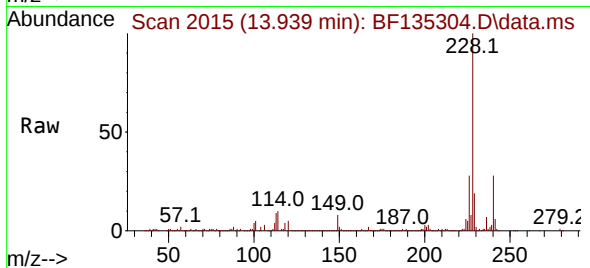
#81
Benzo(a)anthracene
Concen: 45.406 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

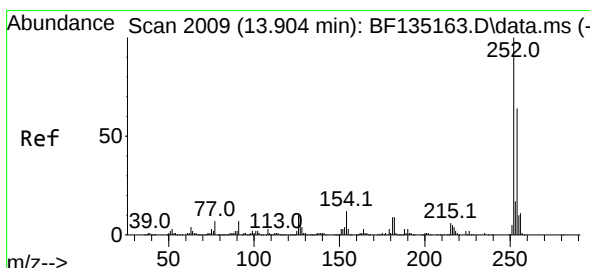
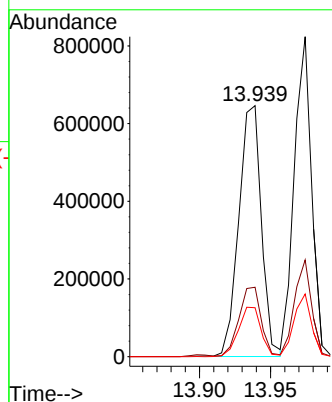
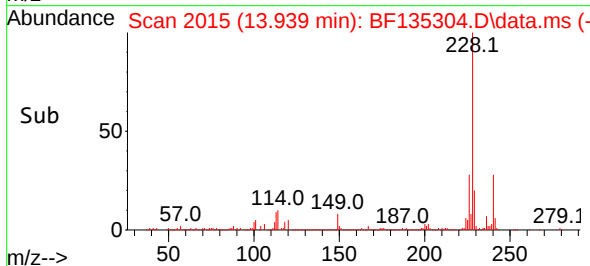


Tgt Ion:228 Resp: 716269
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.5 15.8 23.8

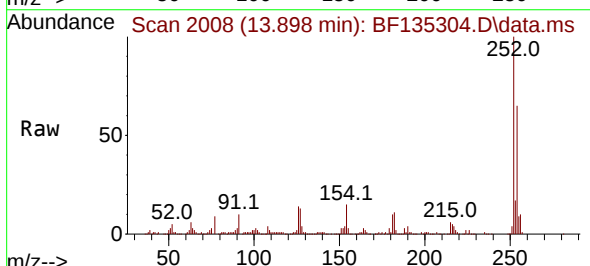
Manual Integrations

APPROVED

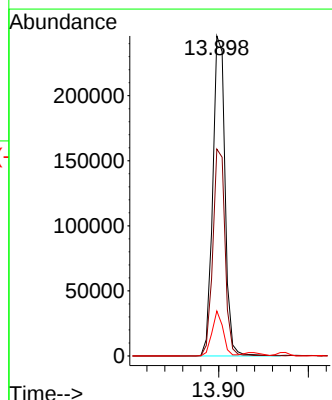
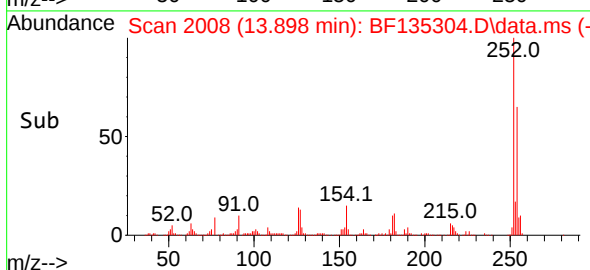
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

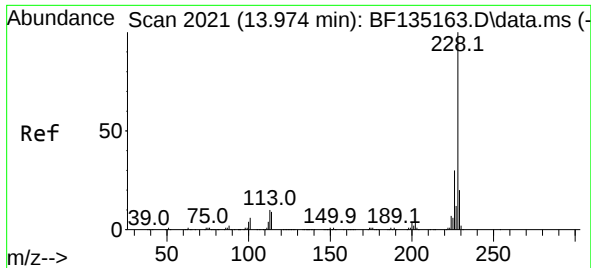


#82
3,3'-Dichlorobenzidine
Concen: 47.404 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:252 Resp: 233574
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 14.1 7.8 11.8





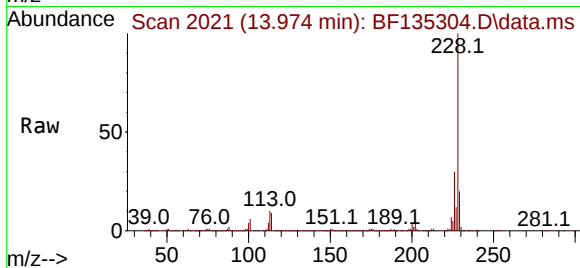
#83
Chrysene
Concen: 44.801 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

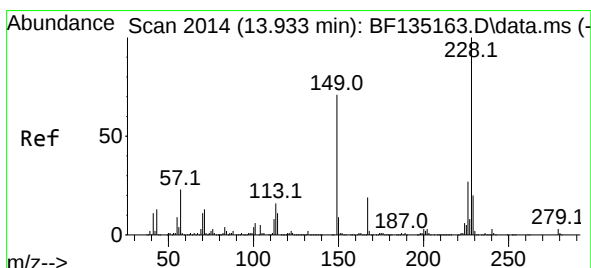
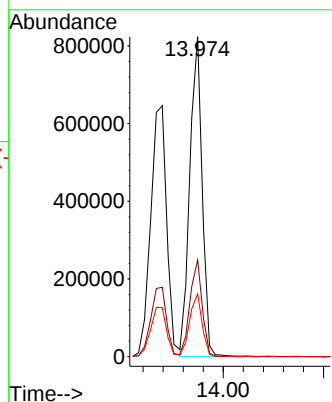
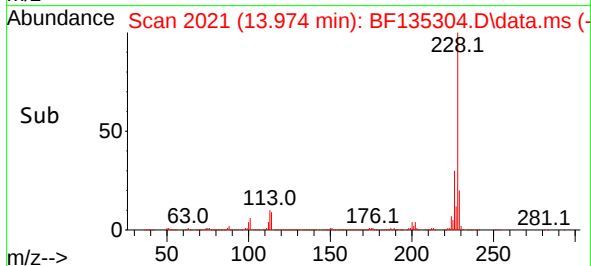


Tgt Ion:228 Resp: 702639
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.6 16.0 24.0

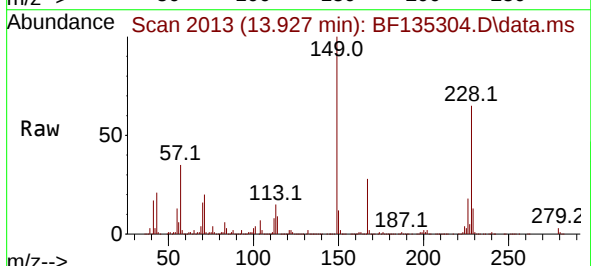
Manual Integrations

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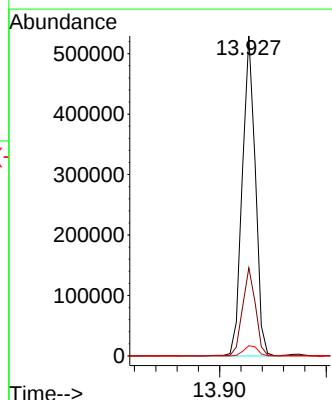
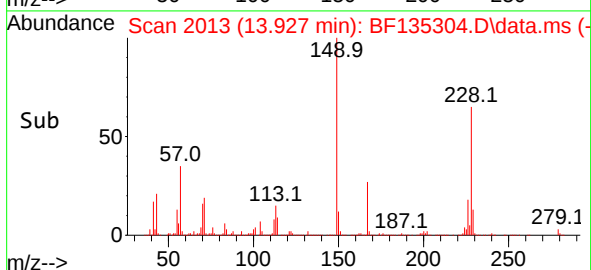
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

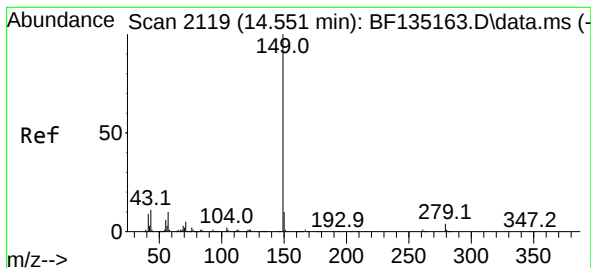


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.700 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:149 Resp: 451263
Ion Ratio Lower Upper
149 100
167 27.6 21.9 32.9
279 3.2 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 51.915 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

Tgt Ion:149 Resp: 693300

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

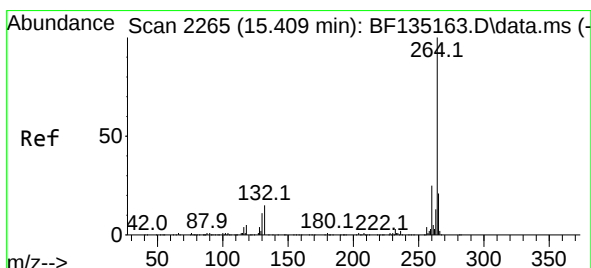
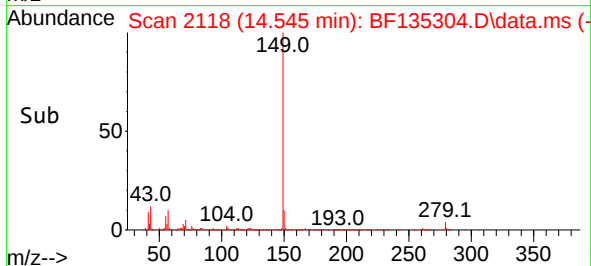
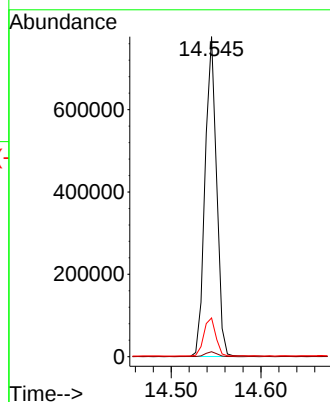
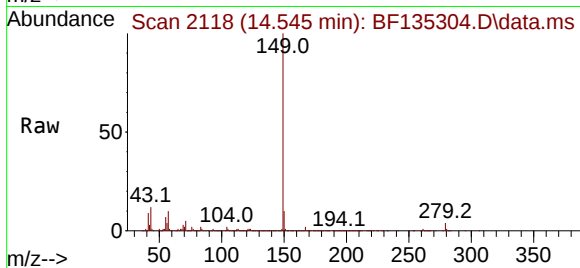
43 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#86

Perylene-d12

Concen: 40.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

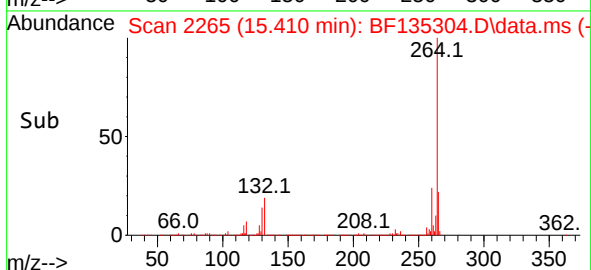
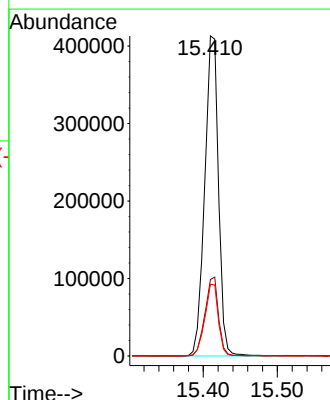
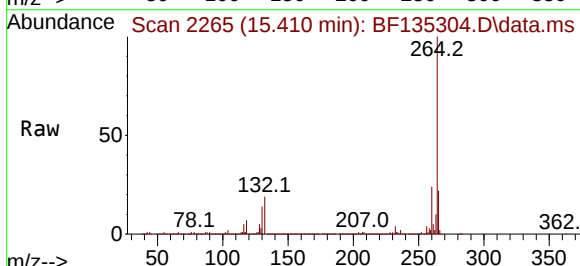
Tgt Ion:264 Resp: 534472

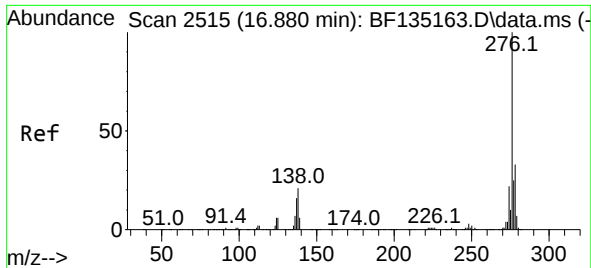
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 22.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.595 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

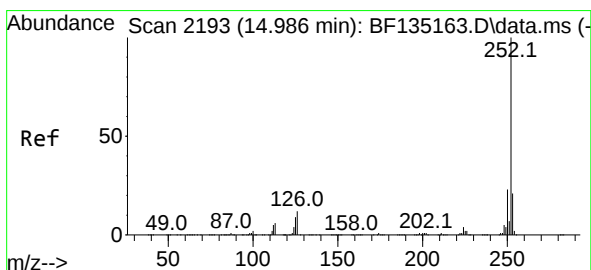
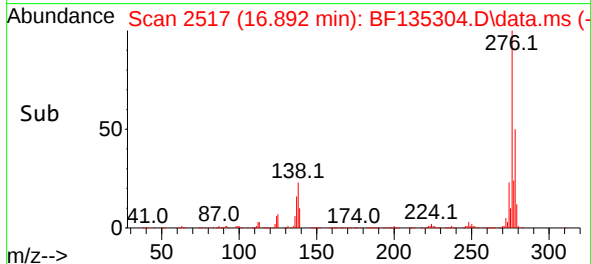
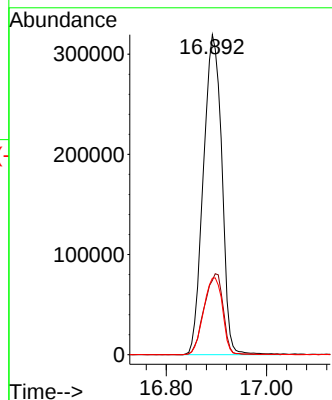
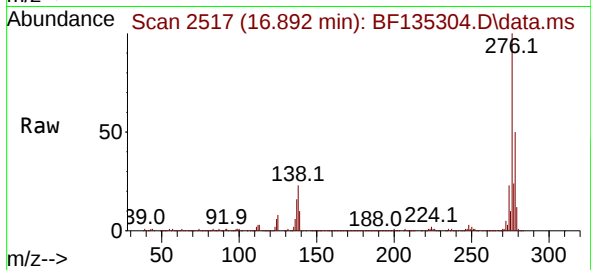
PB155361BS

Tgt Ion:276 Resp: 81643
Ion Ratio Lower Upper
276 100
138 25.9 19.2 28.8
277 24.6 19.7 29.5

Manual Integrations

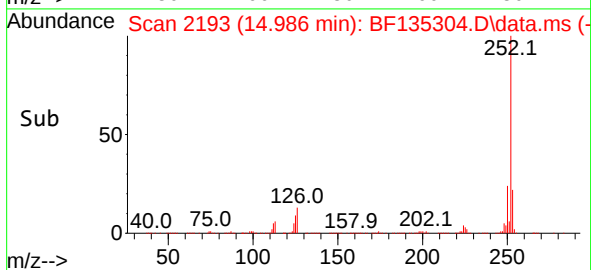
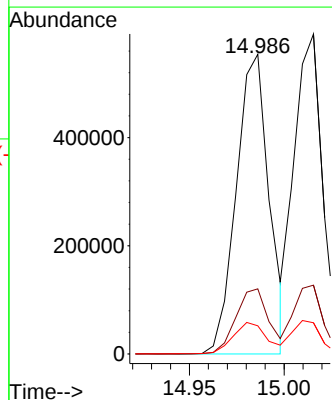
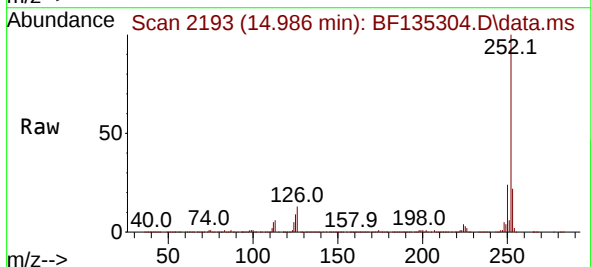
APPROVED

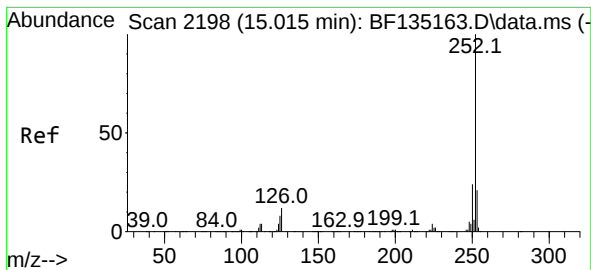
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#88
Benzo(b)fluoranthene
Concen: 46.160 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:252 Resp: 667768
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 42.945 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

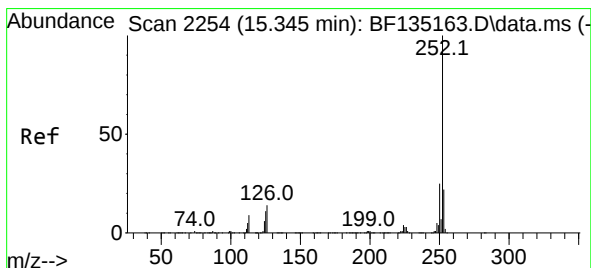
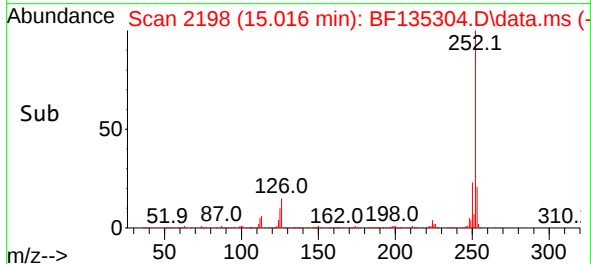
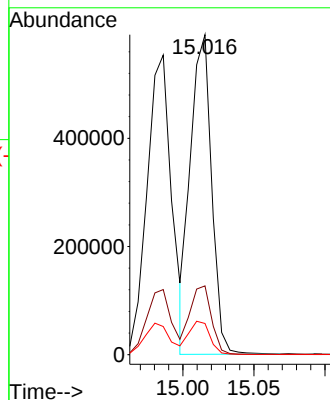
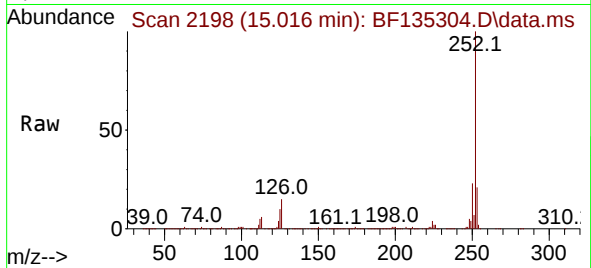
PB155361BS

Tgt Ion:252 Resp: 61369
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.0
 125 9.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#90

Benzo(a)pyrene

Concen: 43.532 ng

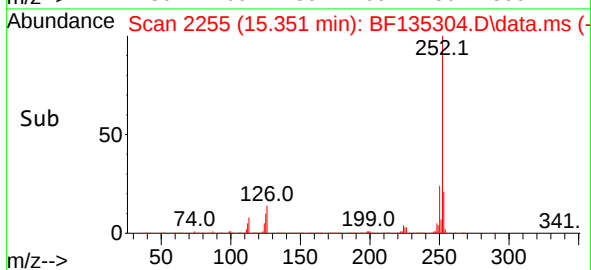
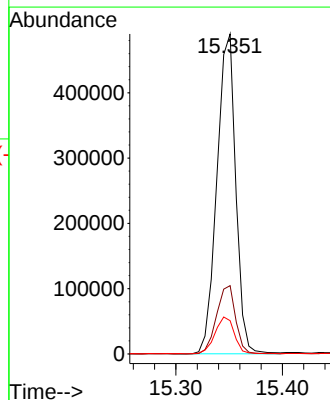
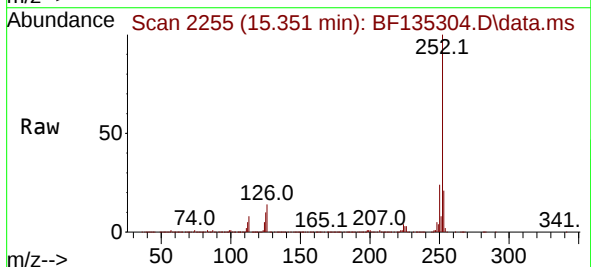
RT: 15.351 min Scan# 2255

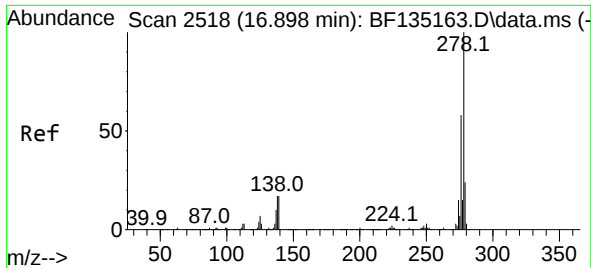
Delta R.T. 0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Tgt Ion:252 Resp: 600552
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.5 26.3
 125 10.4 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 45.973 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

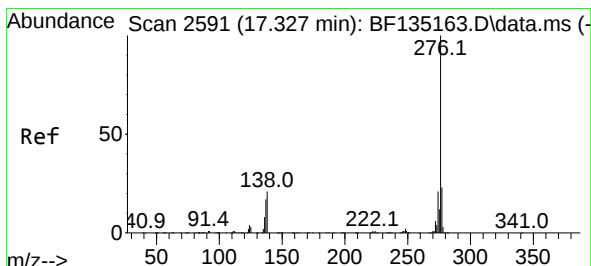
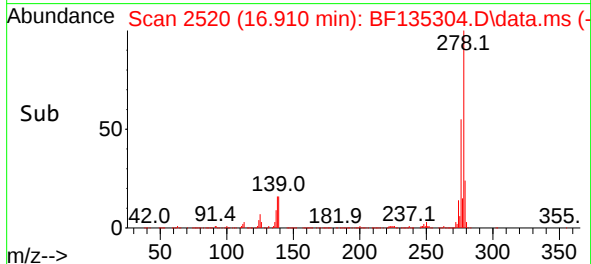
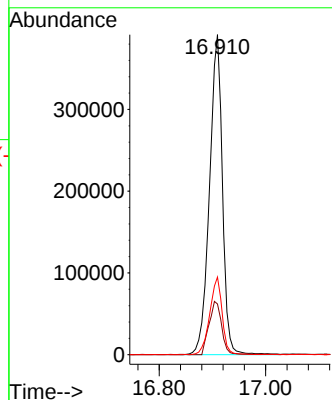
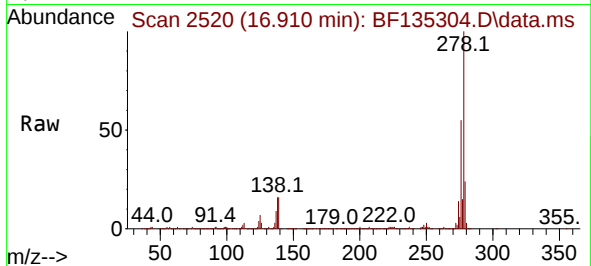
ClientSampleId :

PB155361BS

Tgt Ion:278 Resp: 659094
Ion Ratio Lower Upper
278 100
139 15.8 13.4 20.0
279 24.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#92
Benzo(g,h,i)perylene
Concen: 45.423 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:276 Resp: 680104
Ion Ratio Lower Upper
276 100
277 22.3 18.8 28.2
138 22.4 16.9 25.3

