

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135301.D
 Acq On : 18 Sep 2023 12:16
 Operator : CG\JU
 Sample : PB155010BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155010BS

Quant Time: Sep 18 12:42:52 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	122922	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	473119	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	243560	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	484234	20.000	ng	0.00
76) Chrysene-d12	13.951	240	230095	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	214277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	948107	125.449	ng	0.02
7) Phenol-d6	6.410	99	1201823	125.059	ng	0.00
23) Nitrobenzene-d5	7.328	82	783226	89.940	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	327369	135.254	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1404496	87.001	ng	0.00
79) Terphenyl-d14	12.886	244	1483786	99.965	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	119832	36.169	ng	99
3) Pyridine	3.316	79	317990	35.661	ng	93
4) n-Nitrosodimethylamine	3.275	42	218648	46.208	ng	93
6) Aniline	6.428	93	359015	28.489	ng	# 43
8) 2-Chlorophenol	6.545	128	382672	47.431	ng	100
9) Benzaldehyde	6.316	77	136224	24.883	ng	97
10) Phenol	6.422	94	436350	41.408	ng	80
11) bis(2-Chloroethyl)ether	6.504	93	349935	44.270	ng	99
12) 1,3-Dichlorobenzene	6.698	146	369068	45.012	ng	99
13) 1,4-Dichlorobenzene	6.775	146	376770	45.166	ng	99
14) 1,2-Dichlorobenzene	6.928	146	355960	45.949	ng	98
15) Benzyl Alcohol	6.910	79	324311	47.028	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	664972	44.631	ng	96
17) 2-Methylphenol	7.022	107	299416	42.055	ng	95
18) Hexachloroethane	7.263	117	143156	46.445	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	249379	41.895	ng	95
20) 3+4-Methylphenols	7.181	107	355937	41.576	ng	# 82
22) Acetophenone	7.175	105	496194	45.873	ng	98
24) Nitrobenzene	7.345	77	393219	45.684	ng	99
25) Isophorone	7.587	82	727392	45.488	ng	100
26) 2-Nitrophenol	7.663	139	202378	48.989	ng	93
27) 2,4-Dimethylphenol	7.704	122	332026	47.816	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	448816	46.893	ng	99
29) 2,4-Dichlorophenol	7.904	162	303648	47.193	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	319720	47.540	ng	99
31) Naphthalene	8.063	128	1044065	45.419	ng	99
32) Benzoic acid	7.845	122	261517	50.015	ng	97
33) 4-Chloroaniline	8.116	127	214924	21.310	ng	98
34) Hexachlorobutadiene	8.175	225	188317	46.439	ng	98
35) Caprolactam	8.498	113	105767m	48.979	ng	
36) 4-Chloro-3-methylphenol	8.610	107	344091	48.117	ng	99
37) 2-Methylnaphthalene	8.757	142	681884	44.129	ng	100
38) 1-Methylnaphthalene	8.851	142	630872	43.608	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	328980	46.623	ng	99
41) Hexachlorocyclopentadiene	8.904	237	258031	82.715	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	218299	47.251	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	231971	43.600	ng	99
46) 1,1'-Biphenyl	9.222	154	852051	45.522	ng	98
47) 2-Chloronaphthalene	9.245	162	637265	46.925	ng	98
48) 2-Nitroaniline	9.351	65	249670	47.322	ng	98
49) Acenaphthylene	9.663	152	1017178	45.068	ng	100
50) Dimethylphthalate	9.528	163	776186	47.135	ng	100
51) 2,6-Dinitrotoluene	9.592	165	170959	47.391	ng	99
52) Acenaphthene	9.833	154	612955	45.973	ng	97
53) 3-Nitroaniline	9.763	138	135615	32.026	ng	96
54) 2,4-Dinitrophenol	9.880	184	191650	92.523	ng	96
55) Dibenzofuran	10.010	168	888534	43.672	ng	98
56) 4-Nitrophenol	9.945	139	245951	91.390	ng	98
57) 2,4-Dinitrotoluene	10.004	165	207417	45.928	ng	89
58) Fluorene	10.351	166	716579	45.814	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	197450	48.245	ng	99
60) Diethylphthalate	10.233	149	780473	47.226	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	342392	45.570	ng	93
62) 4-Nitroaniline	10.386	138	194779	47.853	ng	99
63) Azobenzene	10.504	77	753533	46.589	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	131626	51.178	ng	97
66) n-Nitrosodiphenylamine	10.469	169	671568	45.809	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	224595	46.635	ng	95
68) Hexachlorobenzene	10.898	284	240726	49.063	ng	# 91
69) Atrazine	11.004	200	222148	56.317	ng	99
70) Pentachlorophenol	11.098	266	244258	83.207	ng	98
71) Phenanthrene	11.316	178	1062585	46.397	ng	99
72) Anthracene	11.369	178	1082919	46.001	ng	100
73) Carbazole	11.527	167	1028220	47.981	ng	99
74) Di-n-butylphthalate	11.863	149	1221241	48.363	ng	100
75) Fluoranthene	12.510	202	1132921	47.474	ng	99
77) Benzidine	12.633	184	289330	61.378	ng	100
78) Pyrene	12.739	202	1136163	51.863	ng	100
80) Butylbenzylphthalate	13.368	149	428676	55.578	ng	98
81) Benzo(a)anthracene	13.939	228	700501	47.147	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	152392	32.837	ng	# 97
83) Chrysene	13.974	228	681779	46.153	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	464410	58.675	ng	100
85) Di-n-octyl phthalate	14.545	149	660918	52.544	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	727590	51.788	ng	98
88) Benzo(b)fluoranthene	14.986	252	564738	48.686	ng	99
89) Benzo(k)fluoranthene	15.015	252	559920	48.866	ng	98
90) Benzo(a)pyrene	15.351	252	517185	46.754	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	589458	51.277	ng	97
92) Benzo(g,h,i)perylene	17.345	276	614179	51.158	ng	98

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

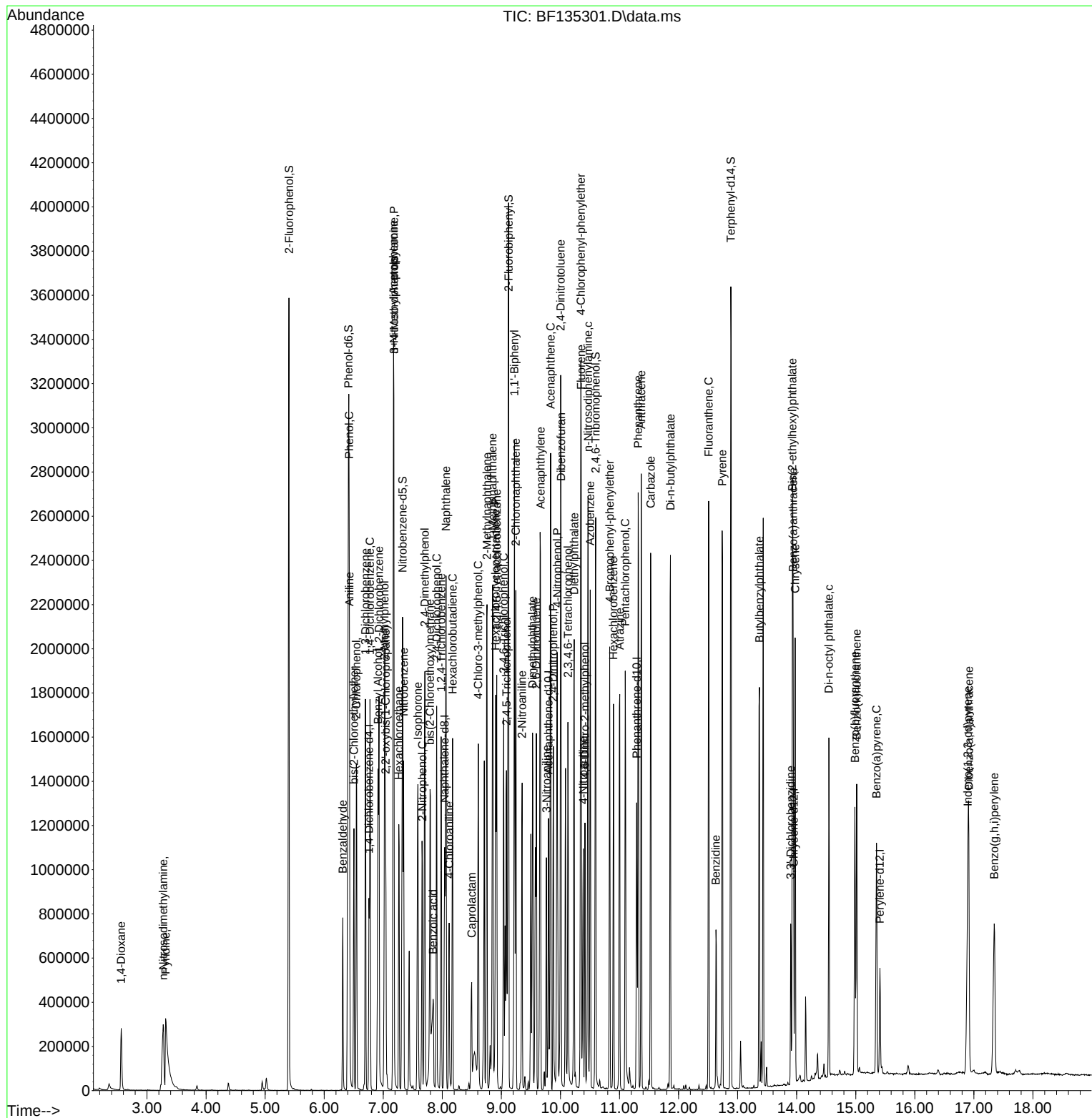
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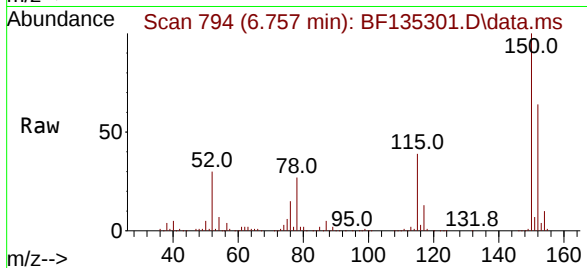
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

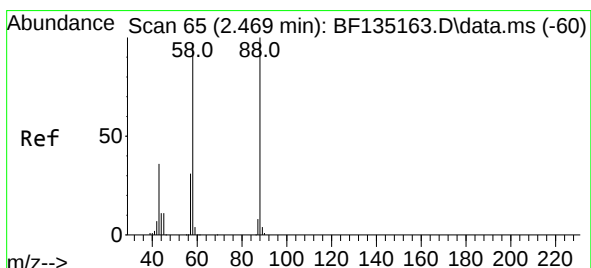
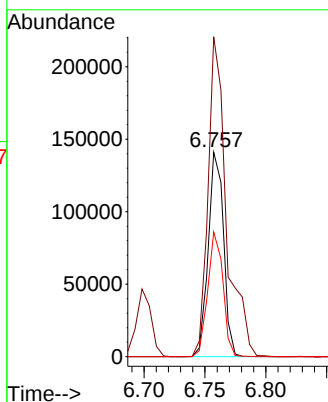
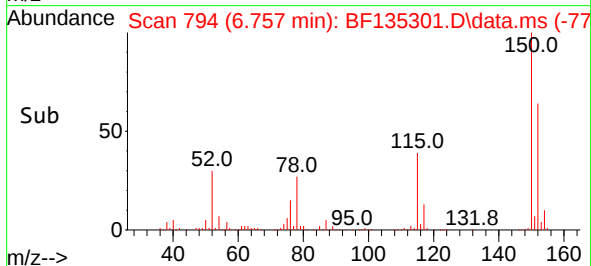
Instrument :
BNA_F
ClientSampleId :
PB155010BS



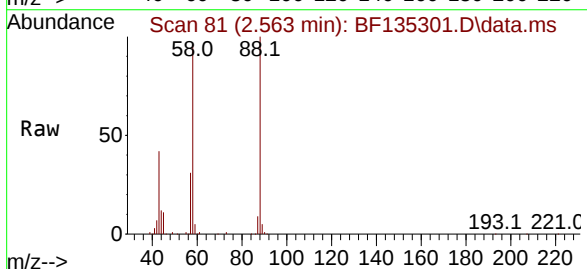
Tgt Ion:152 Resp: 12292
Ion Ratio Lower Upper
152 100
150 156.5 127.8 191.6
115 61.0 49.8 74.8

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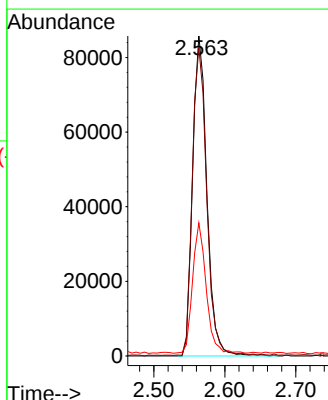
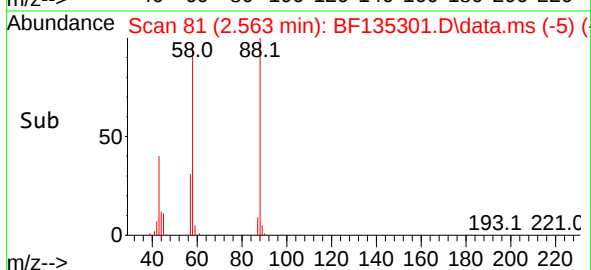
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#2
1,4-Dioxane
Concen: 36.169 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.094 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16



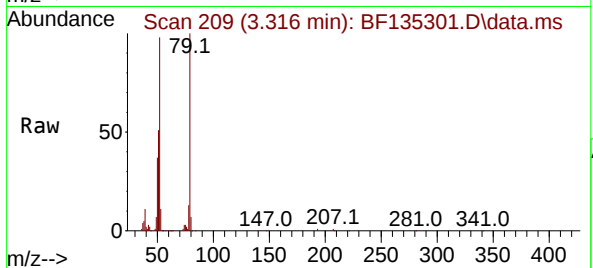
Tgt Ion: 88 Resp: 119832
Ion Ratio Lower Upper
88 100
58 97.3 78.3 117.5
43 38.8 29.4 44.0





#3
Pyridine
Concen: 35.661 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.100 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

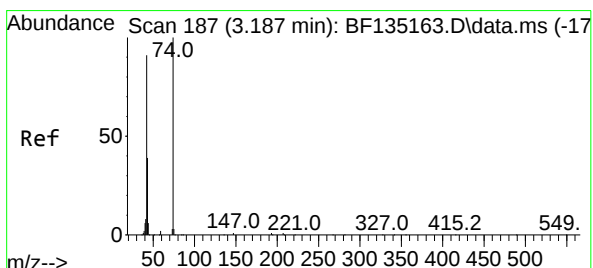
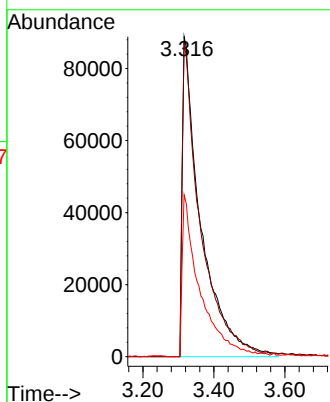
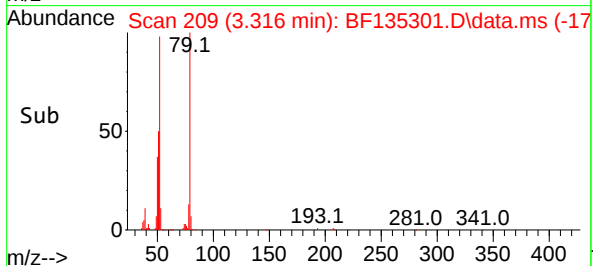
Instrument :
BNA_F
ClientSampleId :
PB155010BS



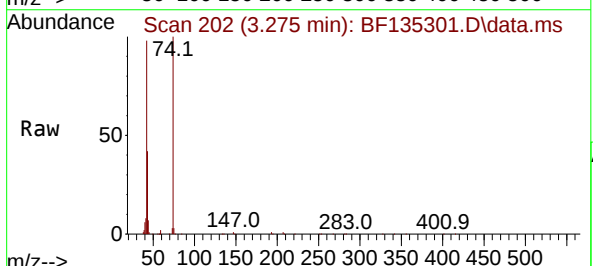
Tgt Ion: 79 Resp: 317990
Ion Ratio Lower Upper
79 100
52 98.0 74.1 111.1
51 50.6 35.8 53.8

Manual Integrations
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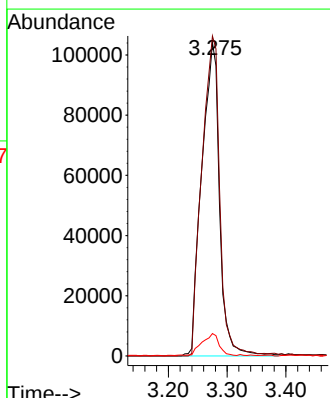
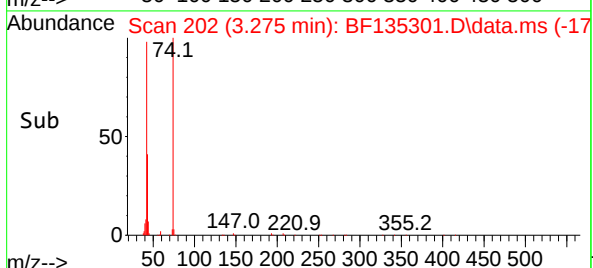
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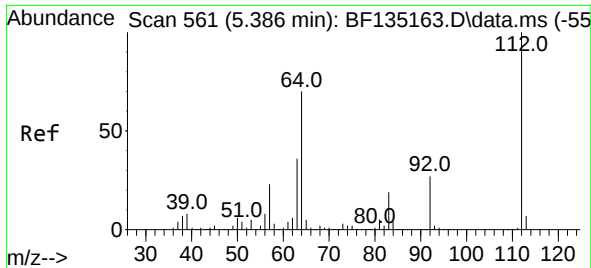


#4
n-Nitrosodimethylamine
Concen: 46.208 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16



Tgt Ion: 42 Resp: 218648
Ion Ratio Lower Upper
42 100
74 102.1 87.7 131.5
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 125.449 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

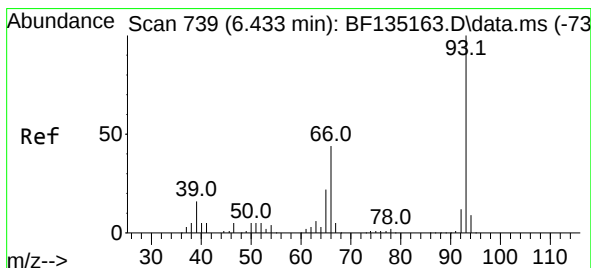
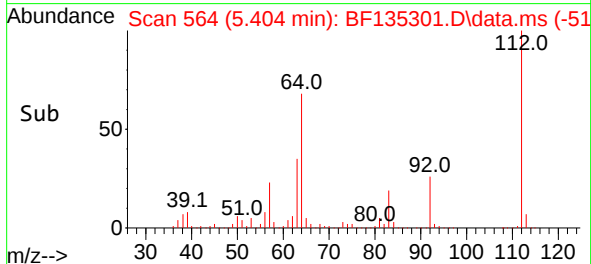
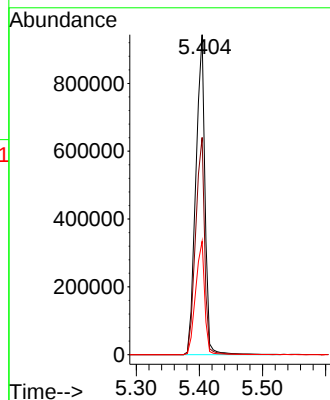
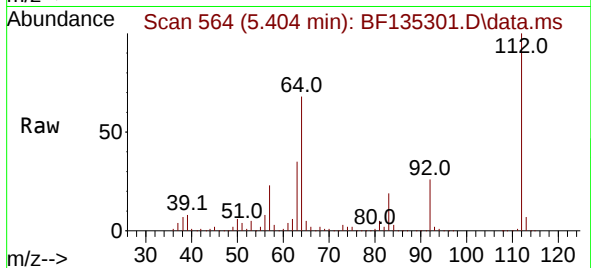
ClientSampleId :

PB155010BS

Tgt Ion:112 Resp: 94810
Ion Ratio Lower Upper
112 100
64 67.9 55.9 83.9
63 35.4 29.0 43.6

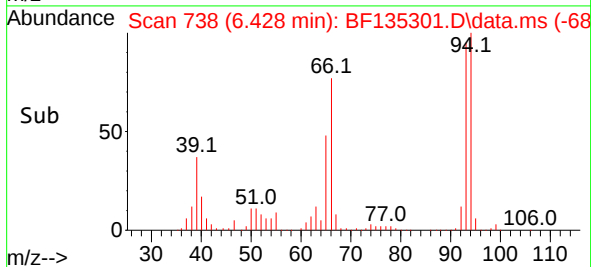
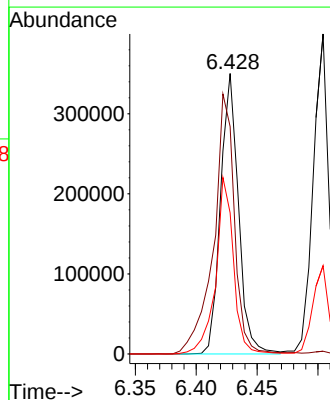
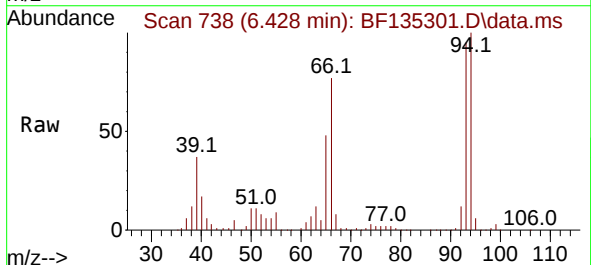
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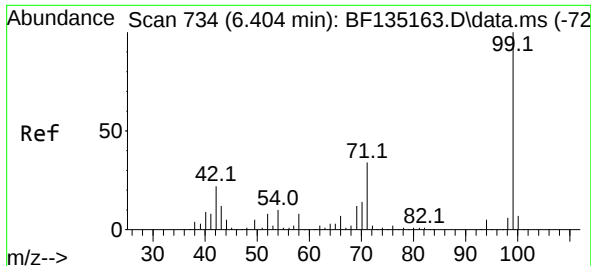
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 28.489 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion: 93 Resp: 359015
Ion Ratio Lower Upper
93 100
66 81.0 35.4 53.0#
65 50.3 17.8 26.8#





#7

Phenol-d6

Concen: 125.059 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion: 99 Resp: 120182

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

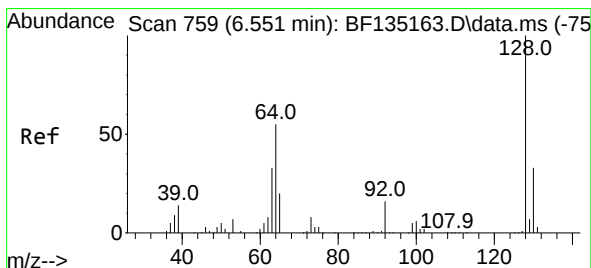
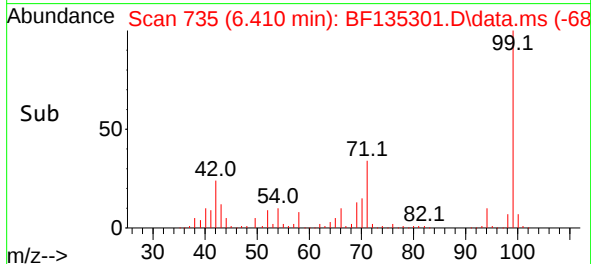
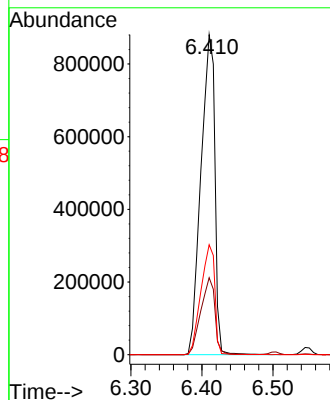
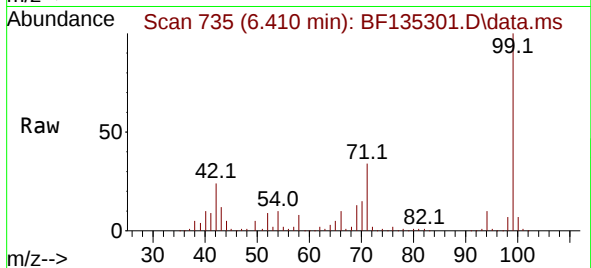
71 34.4 27.0 40.6

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#8

2-Chlorophenol

Concen: 47.431 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135301.D

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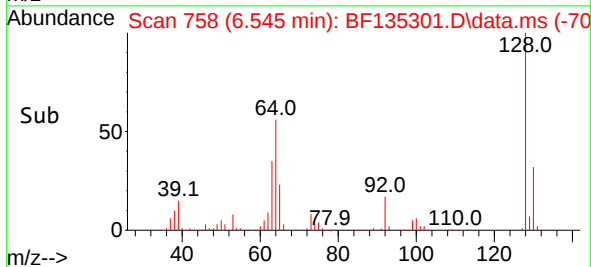
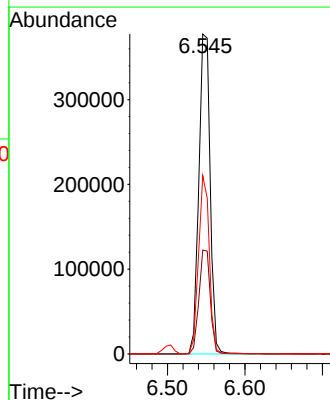
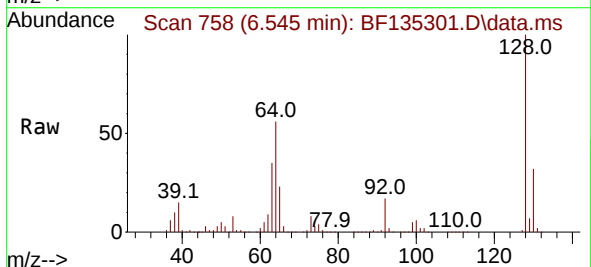
Tgt Ion:128 Resp: 382672

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

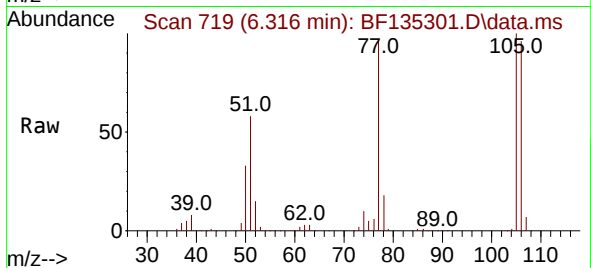
64 55.8 35.9 75.9





#9
Benzaldehyde
Concen: 24.883 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

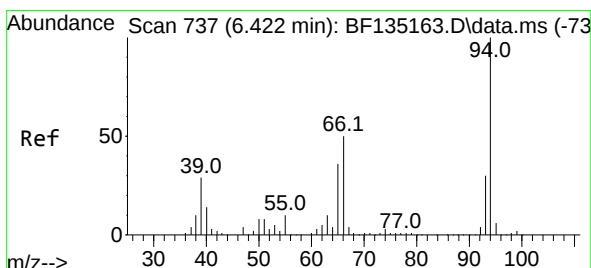
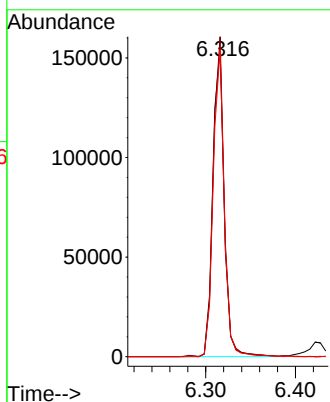
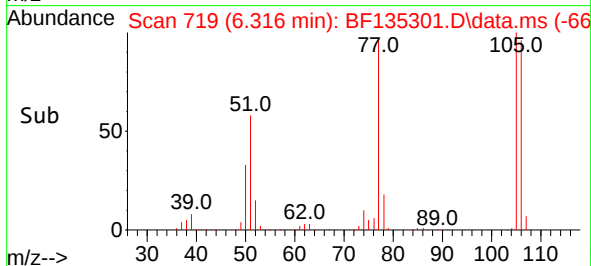
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Tgt Ion: 77 Resp: 136224
Ion Ratio Lower Upper
77 100
105 103.8 81.4 121.4
106 99.7 76.9 116.9

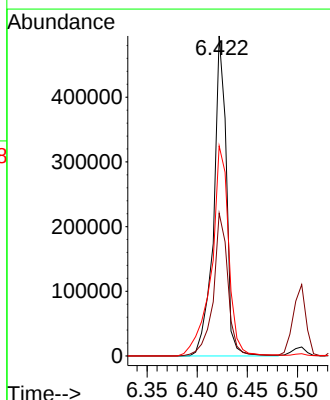
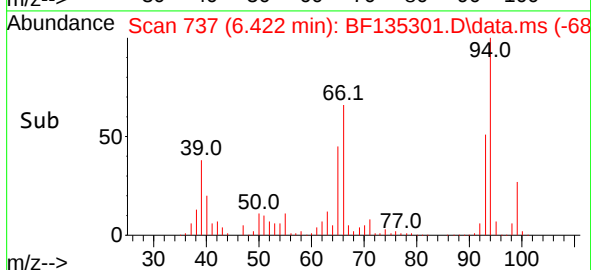
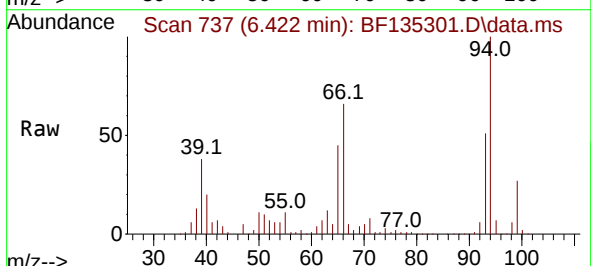
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#10
Phenol
Concen: 41.408 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion: 94 Resp: 436350
Ion Ratio Lower Upper
94 100
65 44.6 15.9 55.9
66 65.7 29.8 69.8





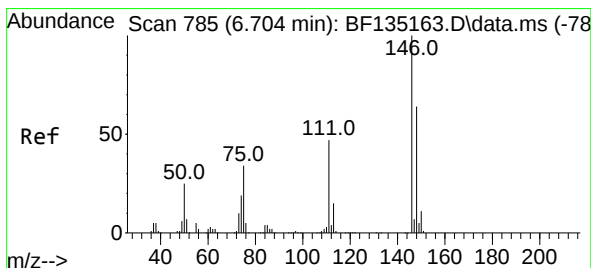
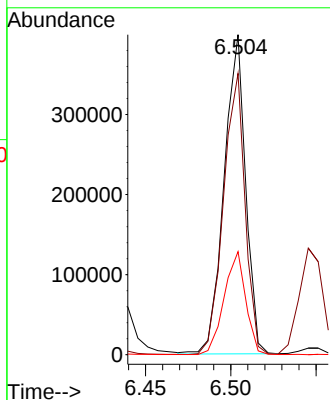
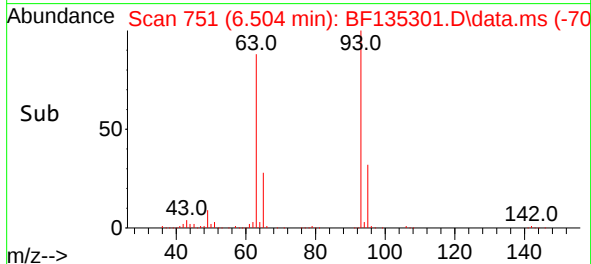
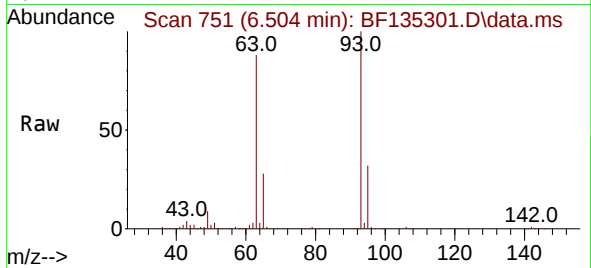
#11
bis(2-Chloroethyl)ether
Concen: 44.270 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB155010BS

Tgt Ion: 93 Resp: 349938
Ion Ratio Lower Upper
93 100
63 87.9 67.3 107.3
95 32.2 12.7 52.7

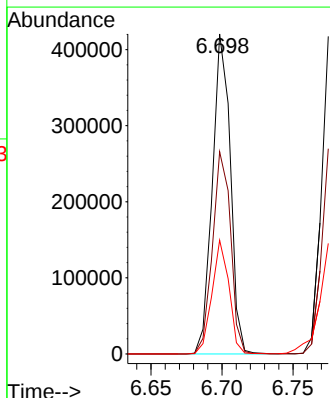
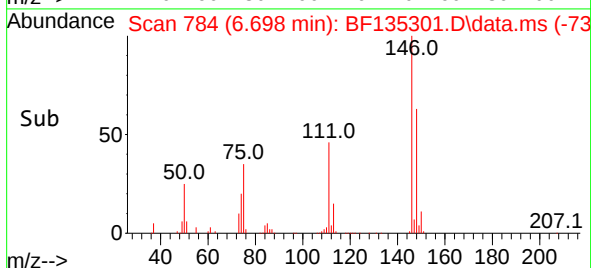
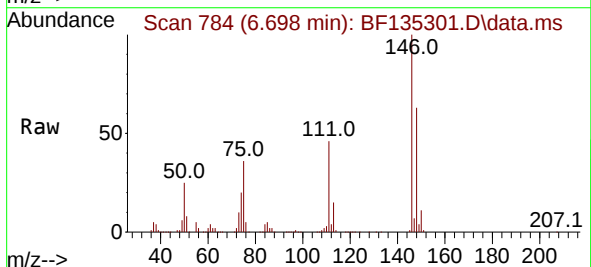
Manual Integrations
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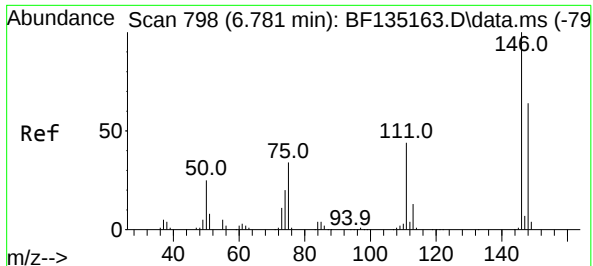
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 45.012 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:146 Resp: 369068
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
75 35.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.166 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:146 Resp: 376770

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

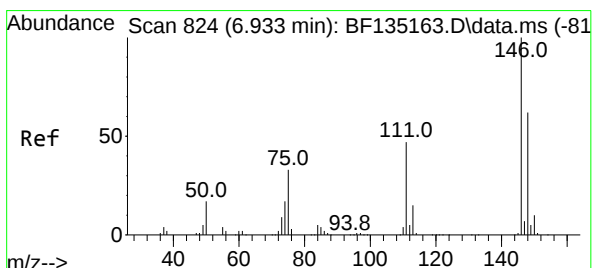
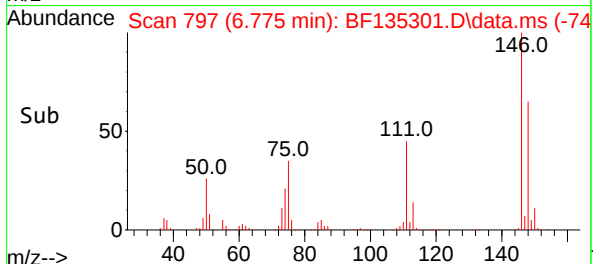
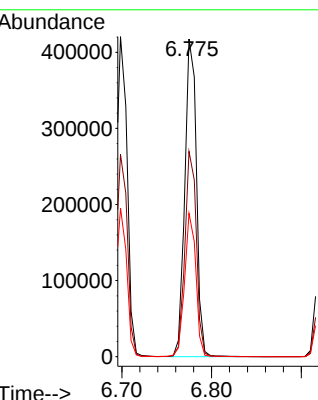
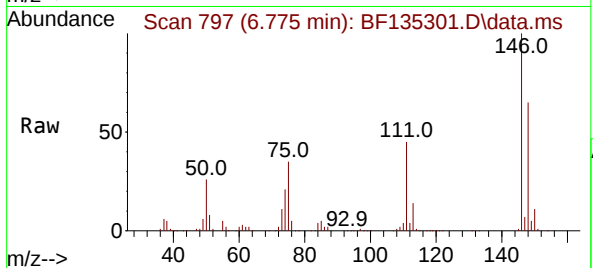
111 45.1 35.1 52.7

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#14

1,2-Dichlorobenzene

Concen: 45.949 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

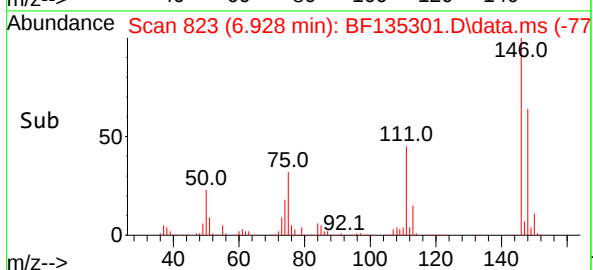
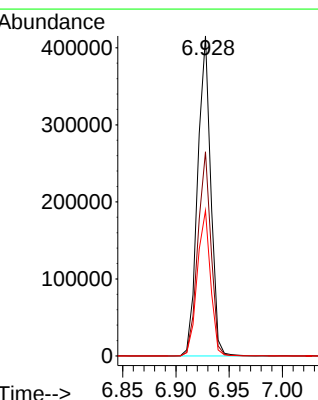
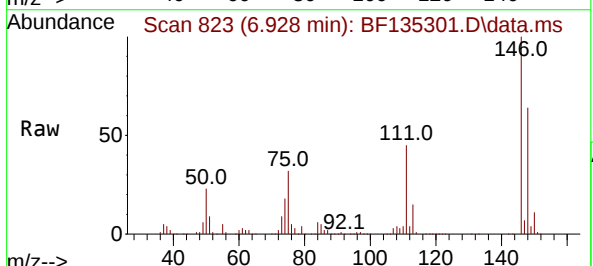
Tgt Ion:146 Resp: 355960

Ion Ratio Lower Upper

146 100

148 63.8 49.7 74.5

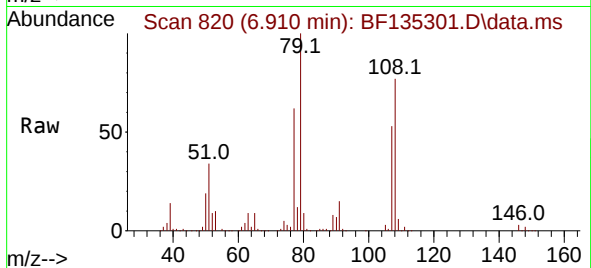
111 45.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.028 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

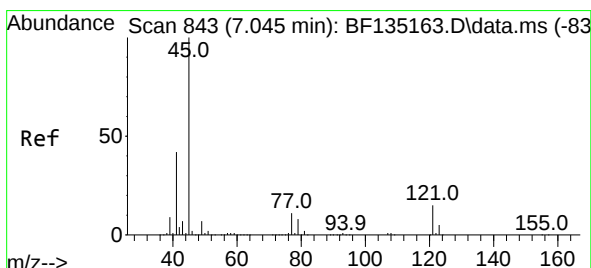
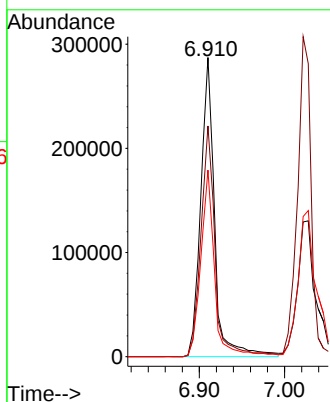
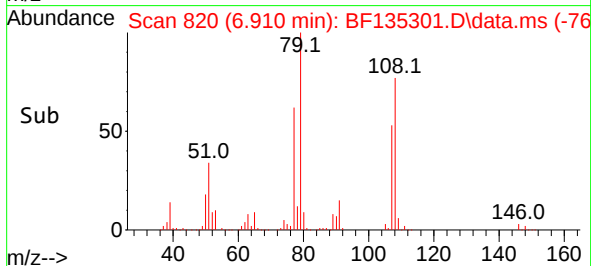
Instrument :
BNA_F
ClientSampleId :
PB155010BS



Tgt Ion: 79 Resp: 32431
Ion Ratio Lower Upper
79 100
108 77.1 61.2 91.8
77 62.4 50.5 75.7

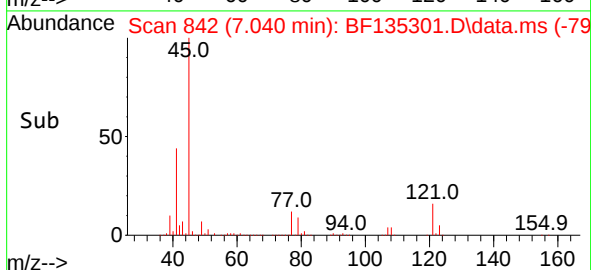
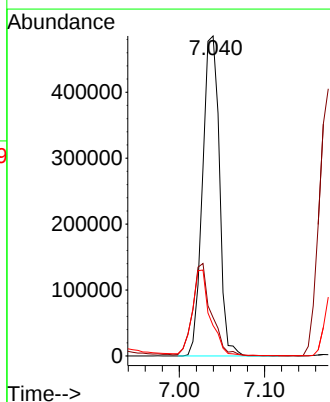
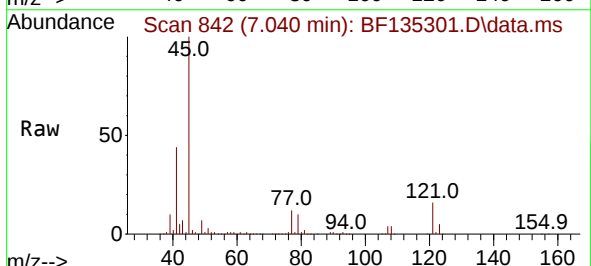
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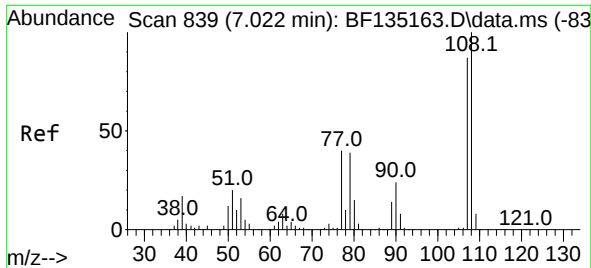
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.631 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion: 45 Resp: 664972
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.6
79 9.5 0.0 28.3





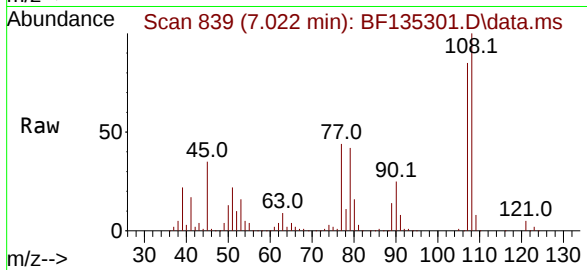
#17
2-Methylphenol
Concen: 42.055 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

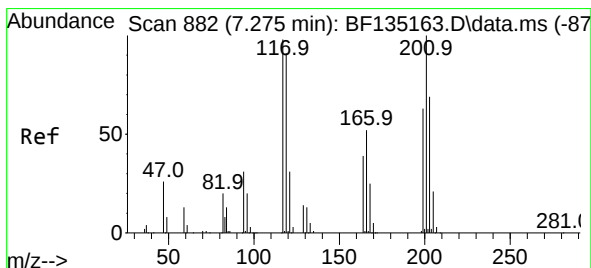
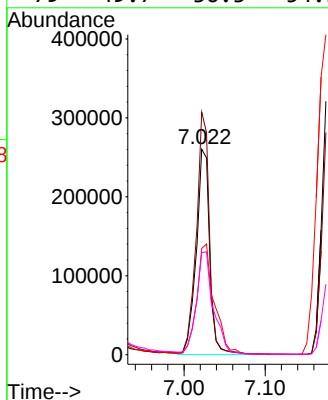
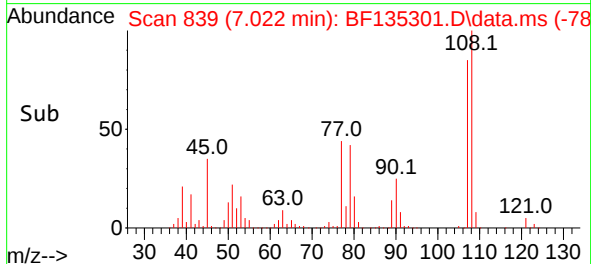


Tgt Ion:107 Resp: 299410
Ion Ratio Lower Upper
107 100
108 118.0 92.0 138.0
77 51.7 36.7 55.1
79 49.7 36.3 54.5

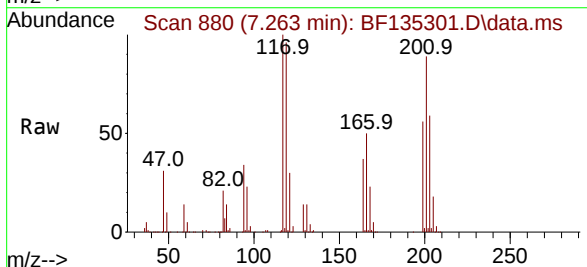
Manual Integrations

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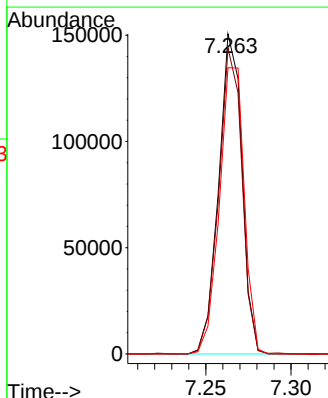
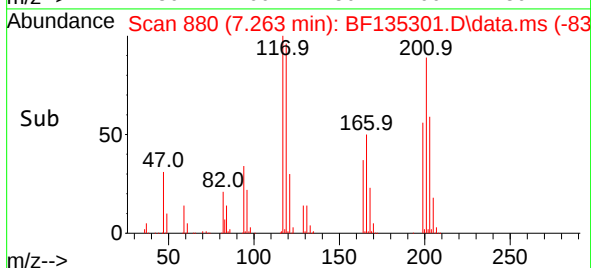
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#18
Hexachloroethane
Concen: 46.445 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16



Tgt Ion:117 Resp: 143156
Ion Ratio Lower Upper
117 100
119 95.6 74.7 112.1
201 89.5 81.8 122.8





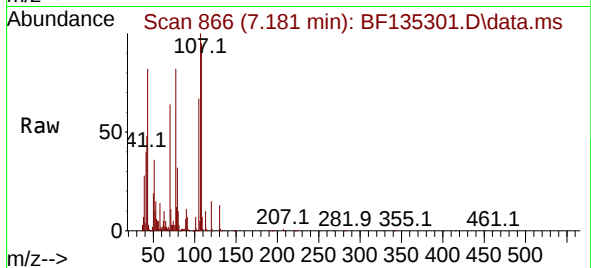
#19
n-Nitroso-di-n-propylamine
Concen: 41.895 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

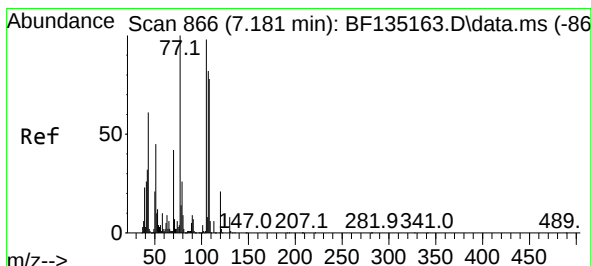
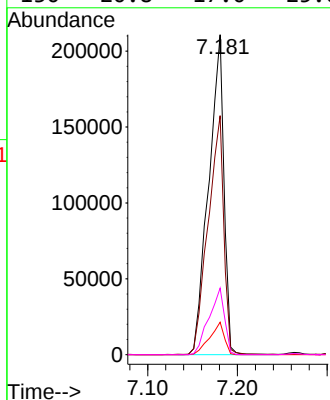
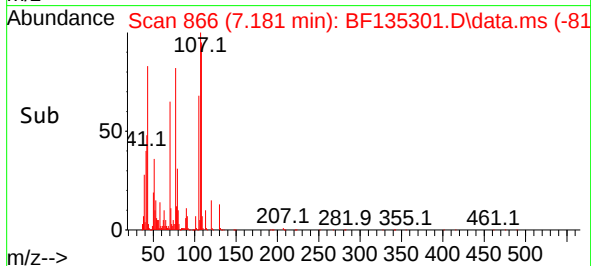


Tgt Ion: 70 Resp: 249379
Ion Ratio Lower Upper
70 100
42 74.7 55.4 83.0
101 10.2 7.7 11.5
130 20.8 17.0 25.6

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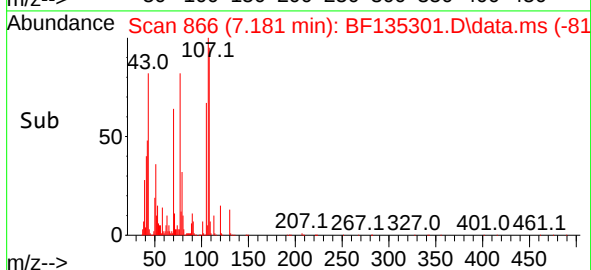
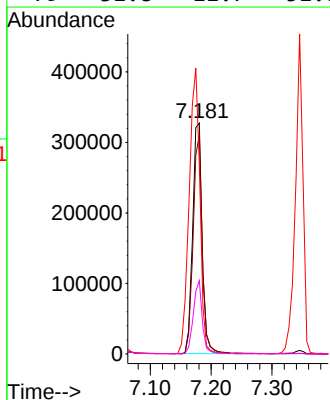
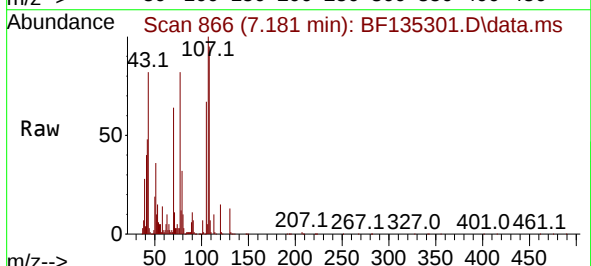
APPROVED

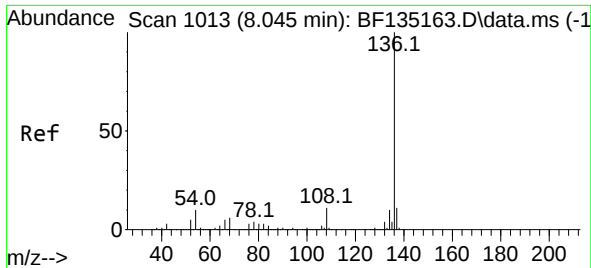
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#20
3+4-Methylphenols
Concen: 41.576 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:107 Resp: 355937
Ion Ratio Lower Upper
107 100
108 95.0 74.7 114.7
77 81.9 102.0 142.0#
79 31.8 11.7 51.7





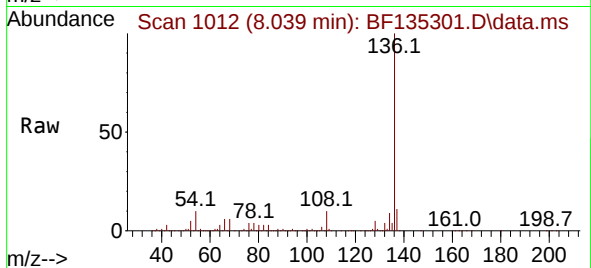
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS



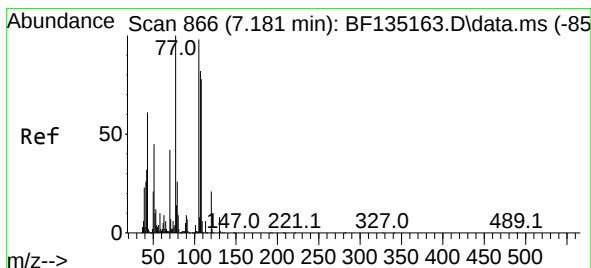
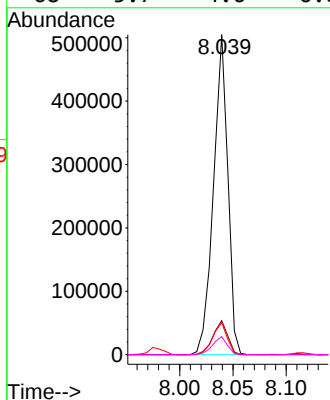
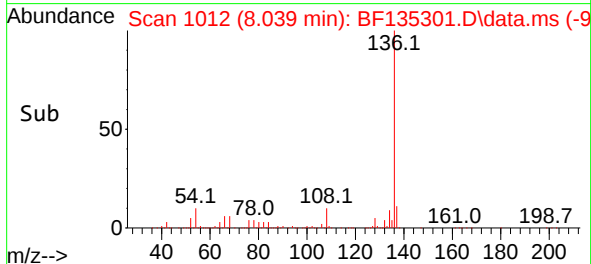
Tgt Ion:136 Resp: 473119
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.0 7.7 11.5
68 5.7 4.6 6.8

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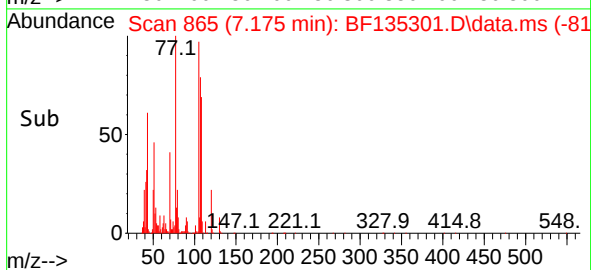
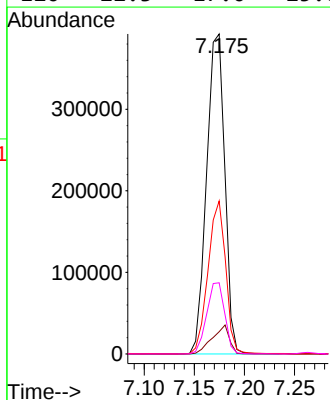
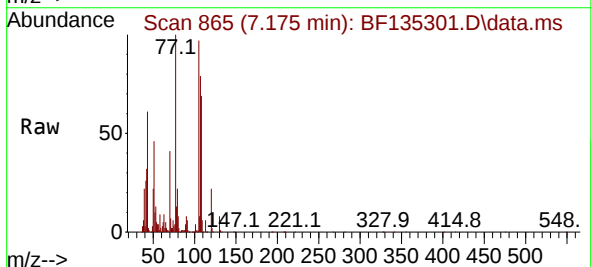
Reviewed By :Yogesh Patel 09/19/2023

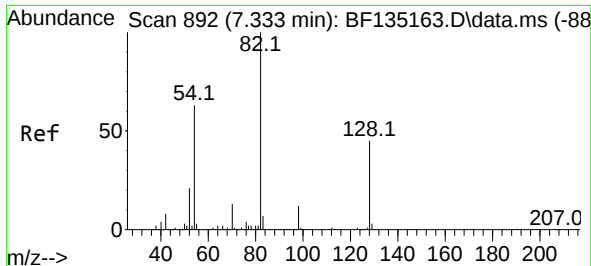
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 45.873 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:105 Resp: 496194
Ion Ratio Lower Upper
105 100
71 6.9 5.8 8.6
51 47.8 37.0 55.4
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.940 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion: 82 Resp: 783220

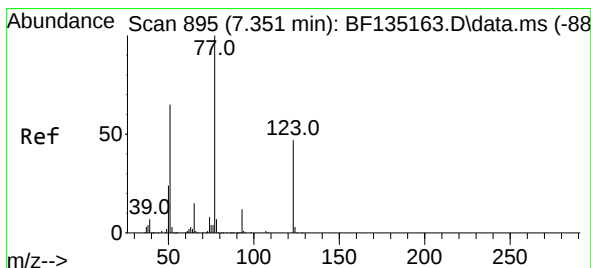
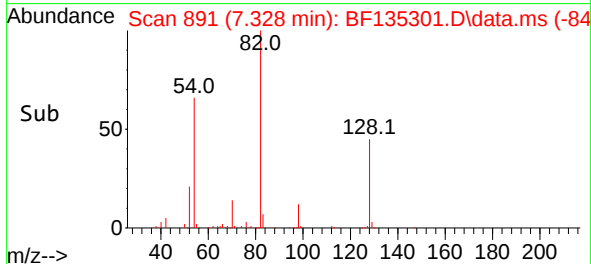
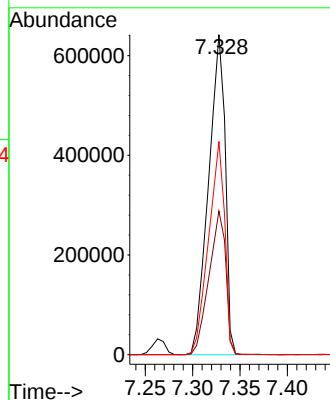
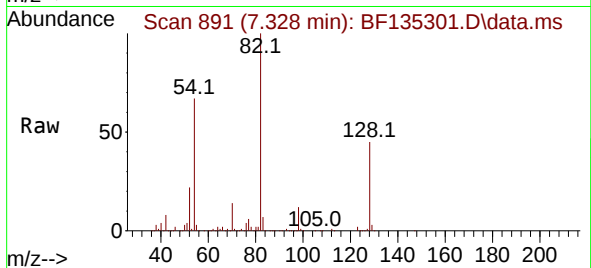
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.8	53.6
54	66.7	50.6	76.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 45.684 ng

RT: 7.345 min Scan# 894

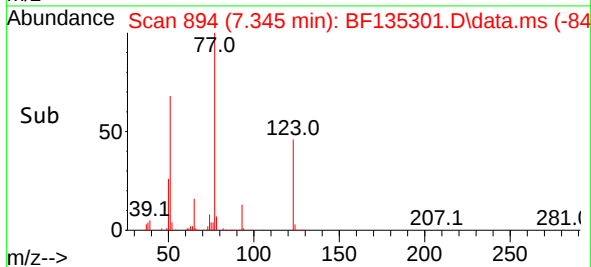
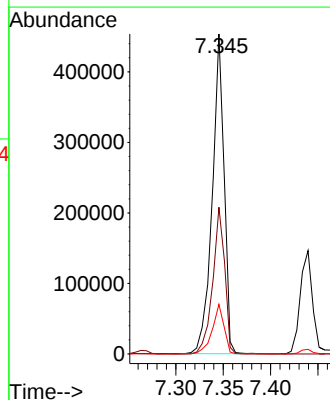
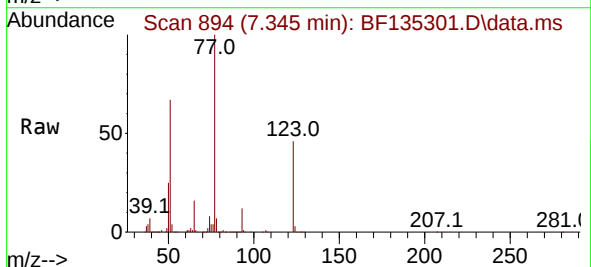
Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Tgt Ion: 77 Resp: 393219

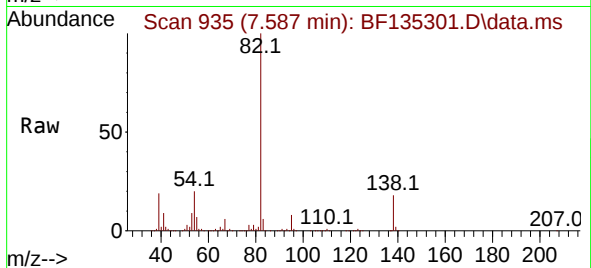
Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.6	56.4
65	15.5	12.2	18.4





#25
Isophorone
Concen: 45.488 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

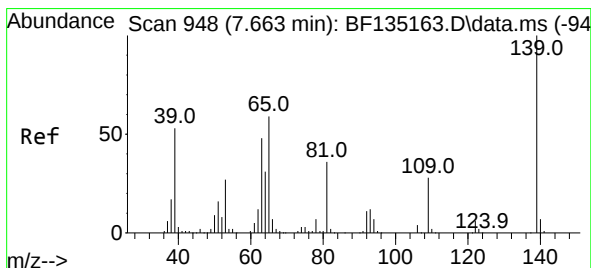
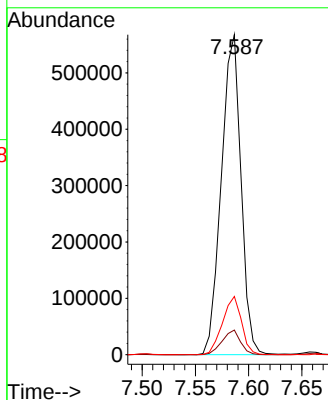
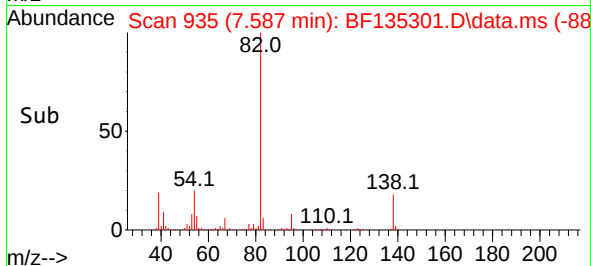
Instrument :
BNA_F
ClientSampleId :
PB155010BS



Tgt Ion: 82 Resp: 727392
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 18.2 14.5 21.7

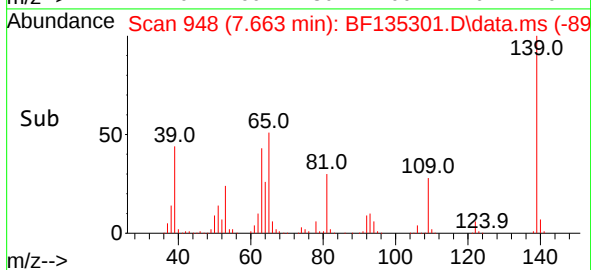
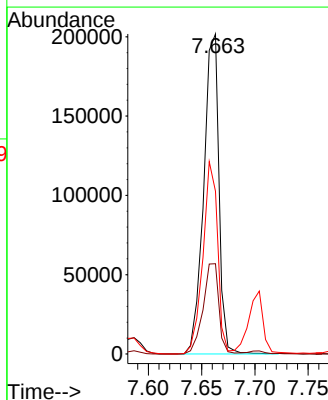
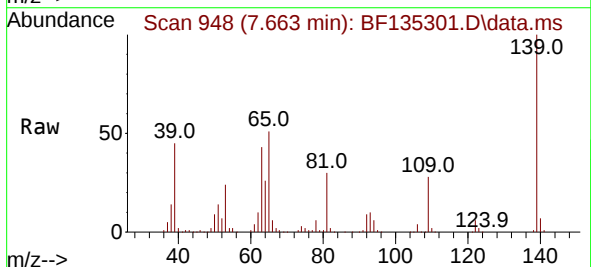
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 48.989 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:139 Resp: 202378
Ion Ratio Lower Upper
139 100
109 28.2 22.6 33.8
65 50.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.816 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135301.D

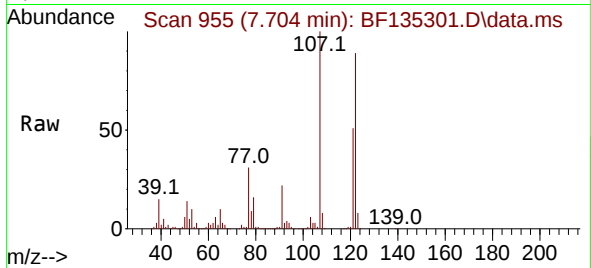
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS



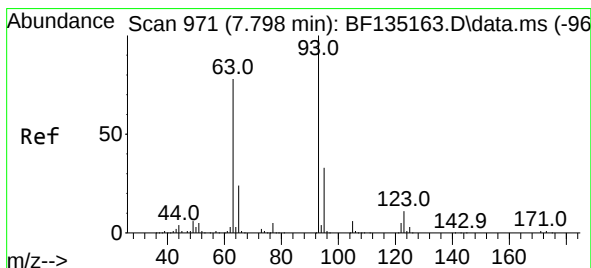
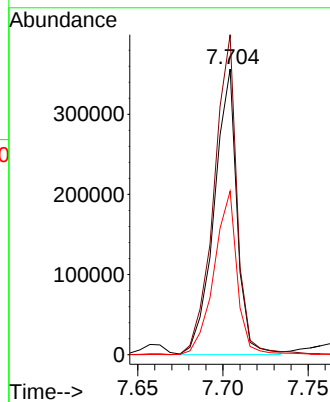
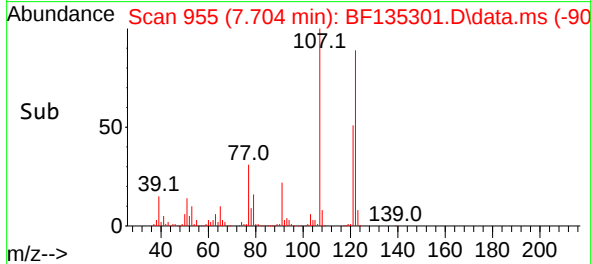
Tgt Ion:	122	Resp:	332020
Ion Ratio	Lower	Upper	
122	100		
107	112.1	90.2	135.4
121	57.3	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.893 ng

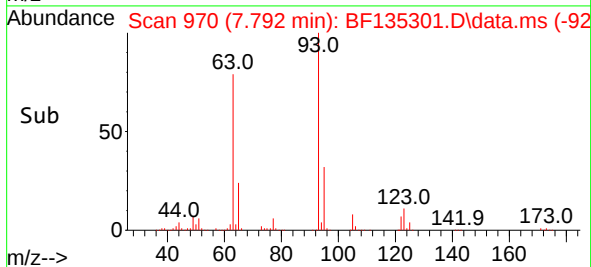
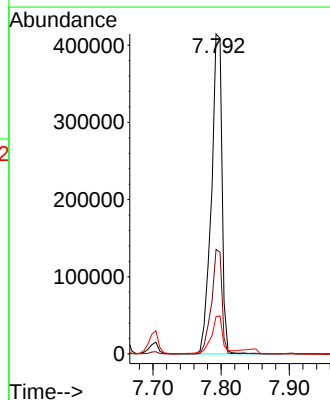
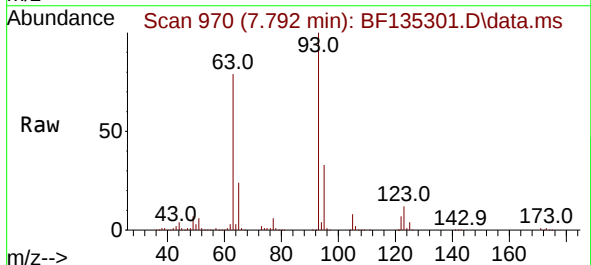
RT: 7.792 min Scan# 970

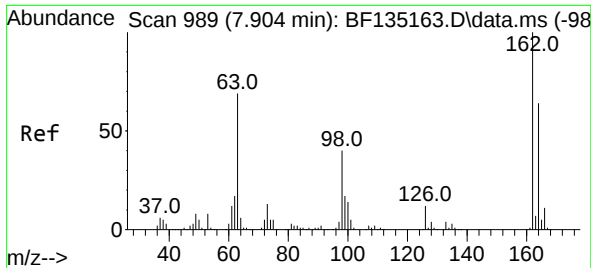
Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Tgt Ion:	93	Resp:	448816
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.2
123	11.7	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 47.193 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:162 Resp: 30364

Ion Ratio Lower Upper

162 100

164 65.2 44.1 84.1

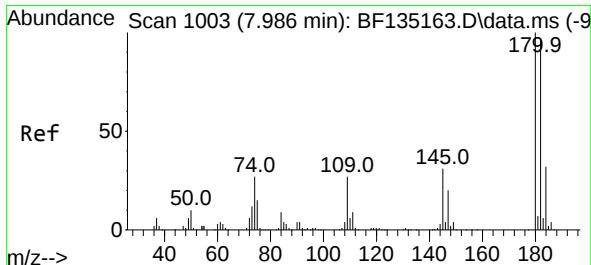
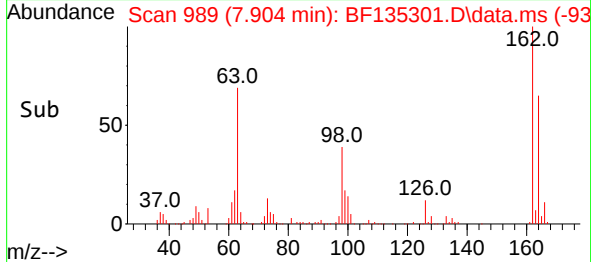
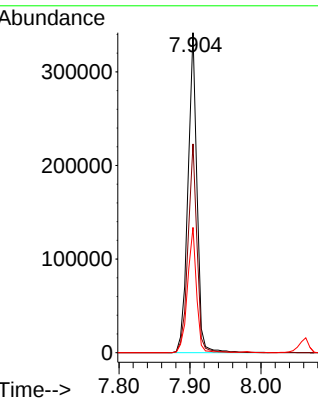
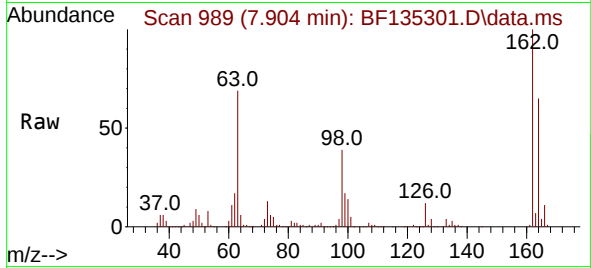
98 39.2 20.3 60.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.540 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

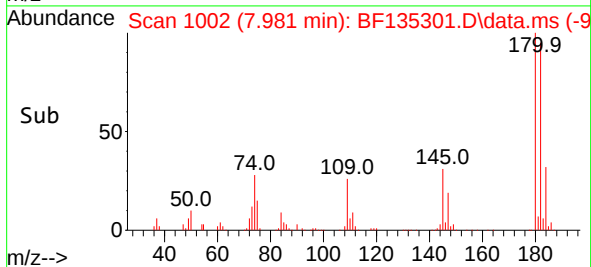
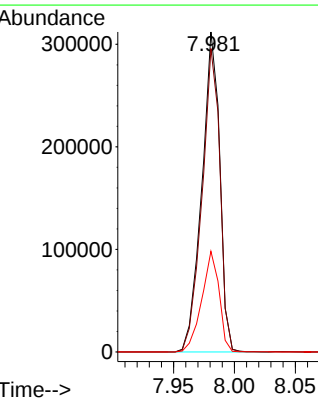
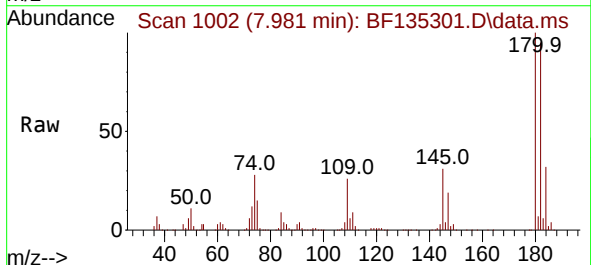
Tgt Ion:180 Resp: 319720

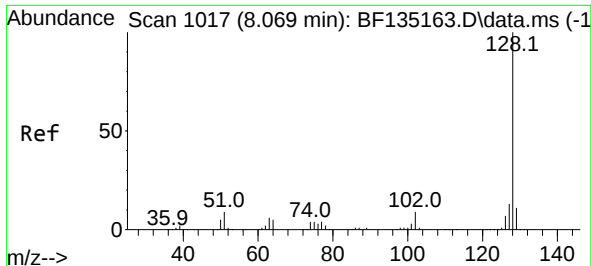
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 31.5 24.5 36.7





#31
Naphthalene
Concen: 45.419 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

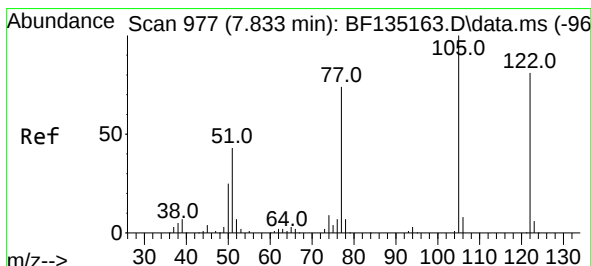
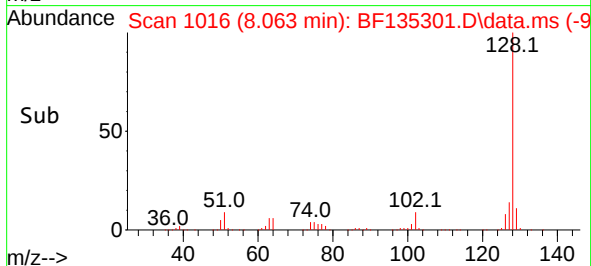
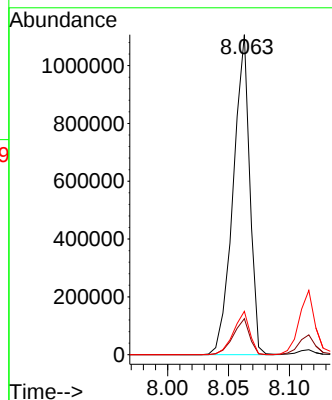
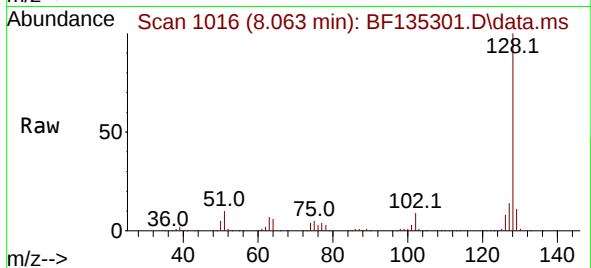
Tgt Ion:128 Resp: 1044065
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.7 16.1

Manual Integrations

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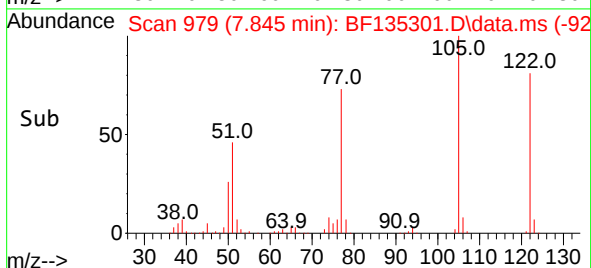
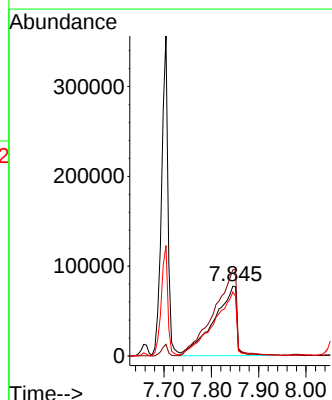
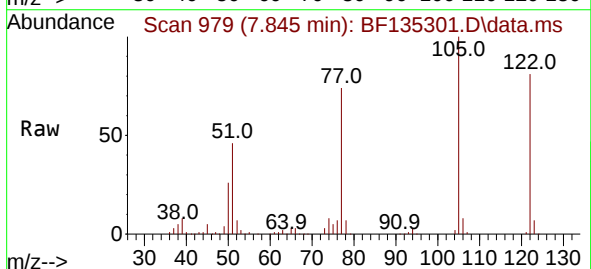
Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 50.015 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:122 Resp: 261517
Ion Ratio Lower Upper
122 100
105 123.5 99.9 139.9
77 91.6 70.0 110.0





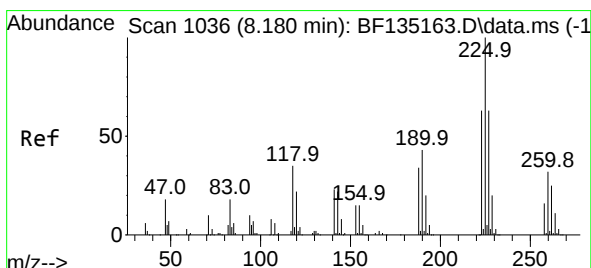
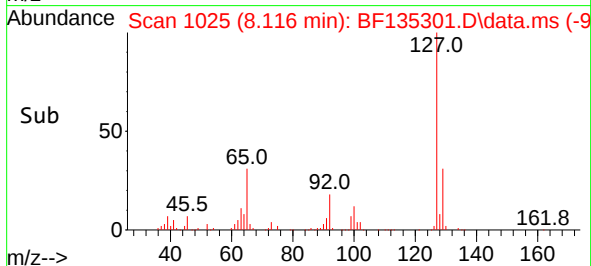
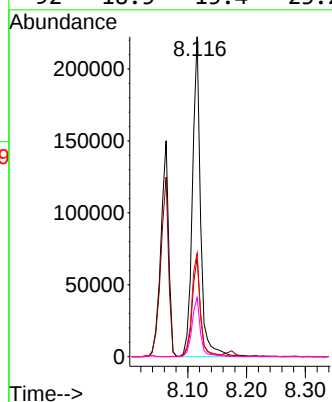
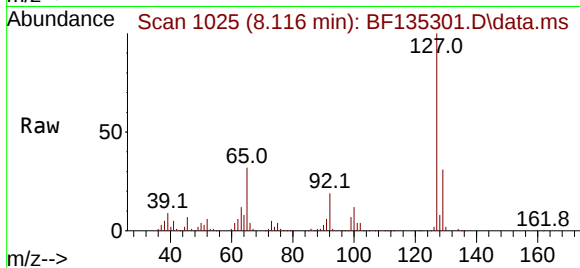
#33
4-Chloroaniline
Concen: 21.310 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB155010BS

Tgt Ion:	127	Resp:	214924
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.8	38.8
65	32.4	26.6	39.8
92	18.5	15.4	23.2

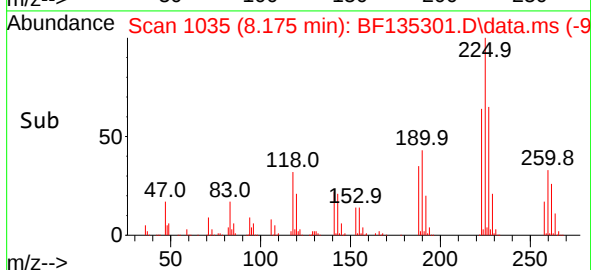
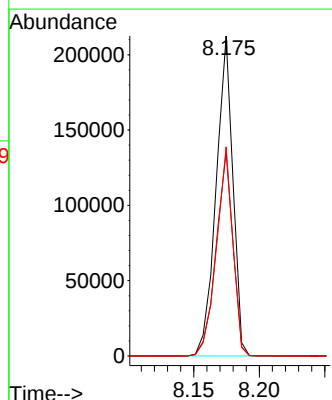
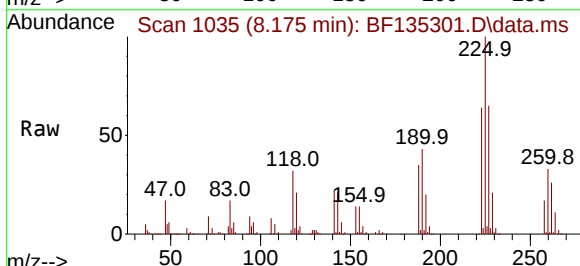
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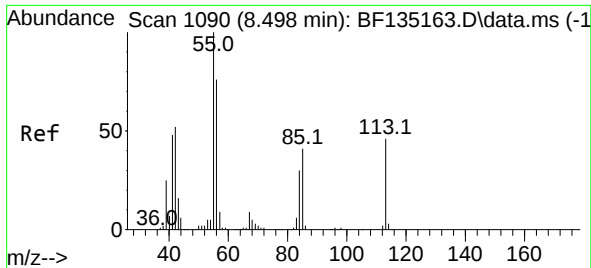
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#34
Hexachlorobutadiene
Concen: 46.439 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

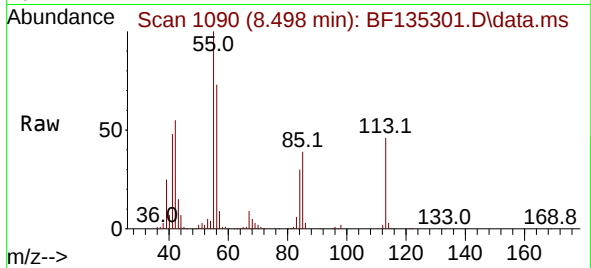
Tgt Ion:	225	Resp:	188317
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.6	75.8
227	65.4	50.8	76.2





#35
 Caprolactam
 Concen: 48.979 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135301.D
 Acq: 18 Sep 2023 12:16

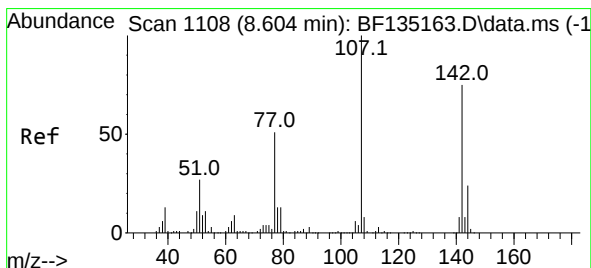
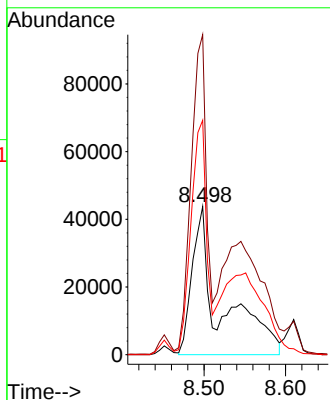
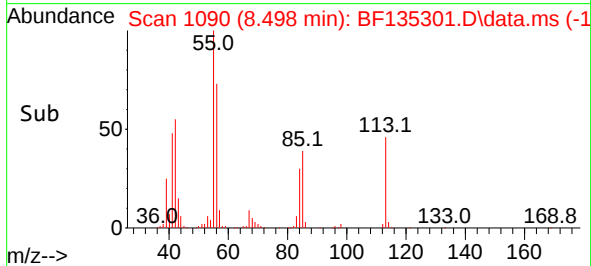
Instrument :
 BNA_F
 ClientSampleId :
 PB155010BS



Tgt Ion:113 Resp: 10576
 Ion Ratio Lower Upper
 113 100
 55 215.9 199.3 239.3
 56 158.1 146.3 186.3

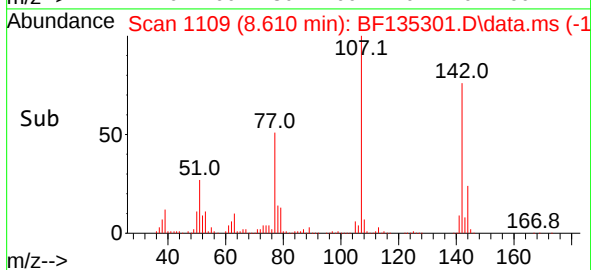
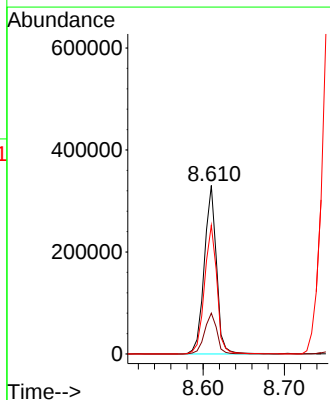
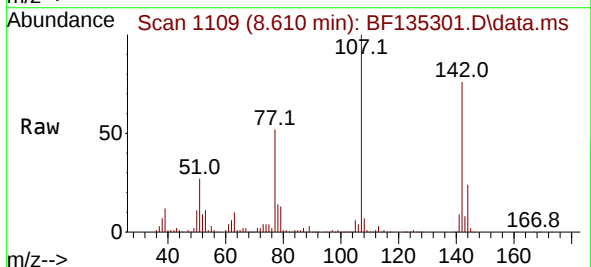
Manual Integrations
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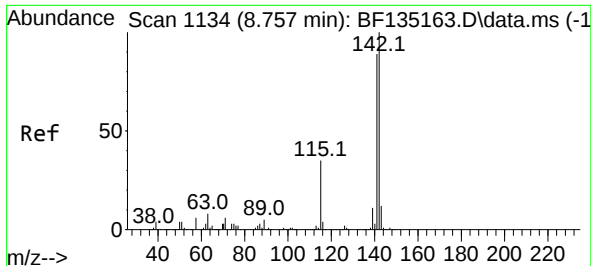
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.117 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135301.D
 Acq: 18 Sep 2023 12:16

Tgt Ion:107 Resp: 344091
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.4
 142 76.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.129 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:142 Resp: 681884

Ion Ratio Lower Upper

142 100

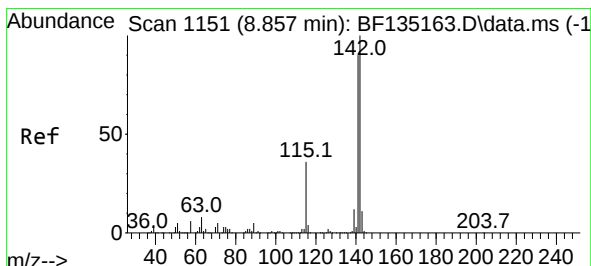
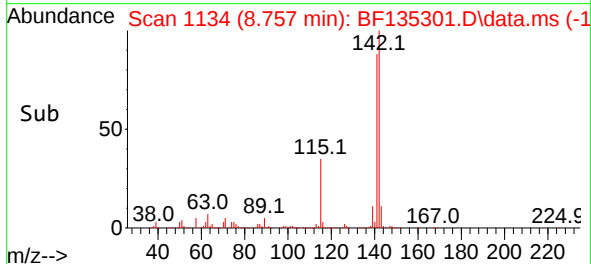
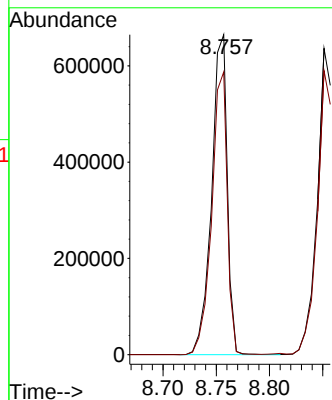
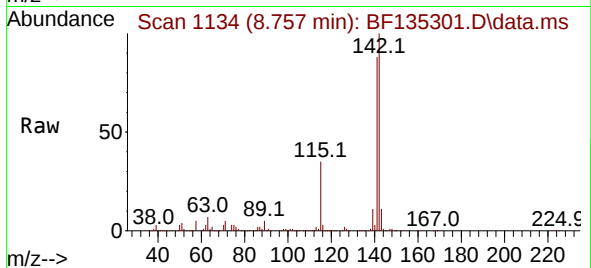
141 88.3 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#38

1-Methylnaphthalene

Concen: 43.608 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135301.D

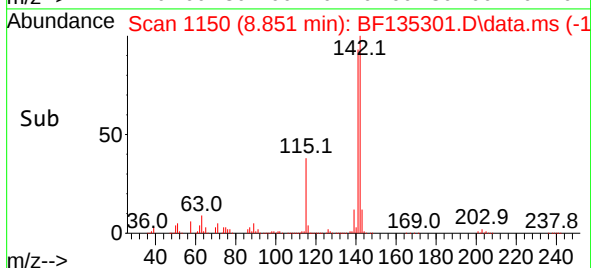
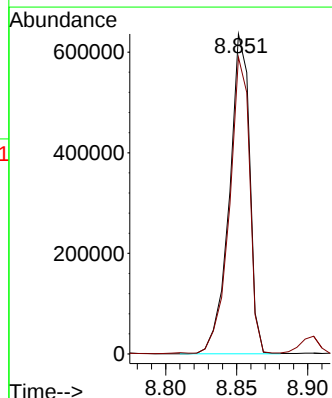
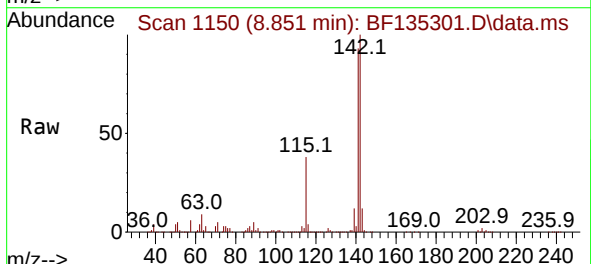
Acq: 18 Sep 2023 12:16

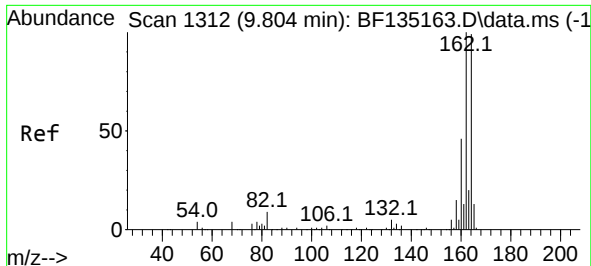
Tgt Ion:142 Resp: 630872

Ion Ratio Lower Upper

142 100

141 92.8 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135301.D

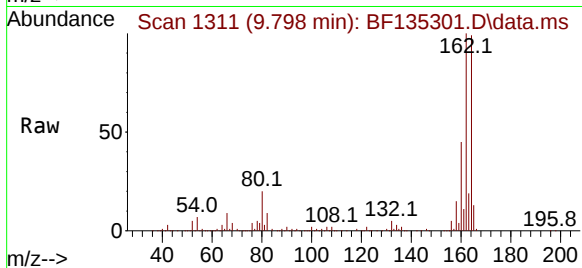
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS



Tgt Ion:164 Resp: 243560

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

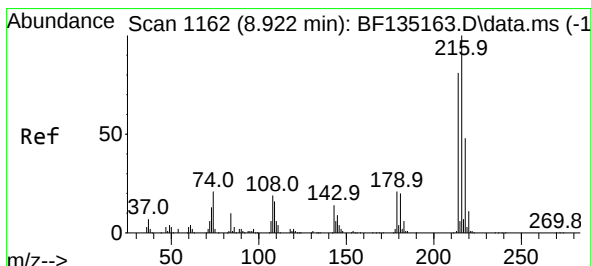
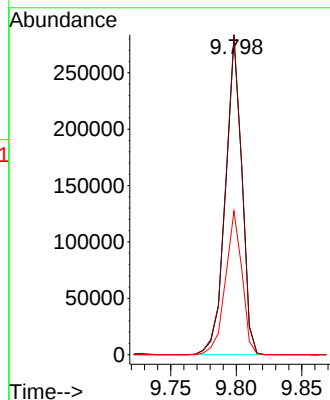
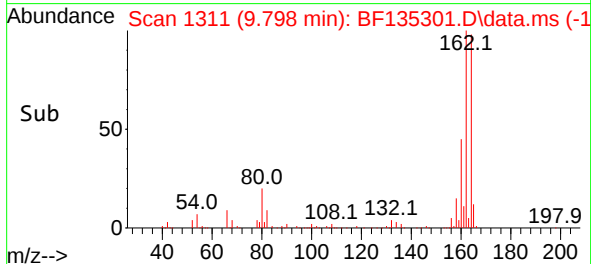
160 45.4 37.0 55.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.623 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Tgt Ion:216 Resp: 328980

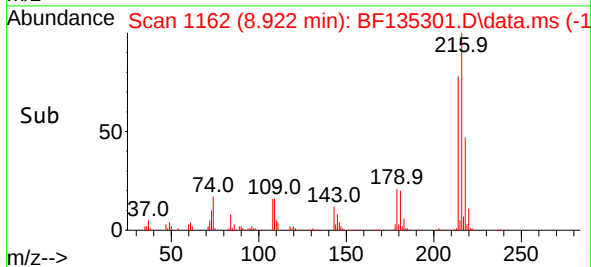
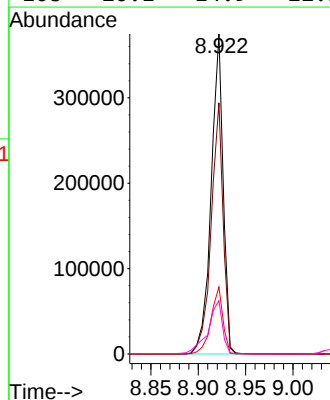
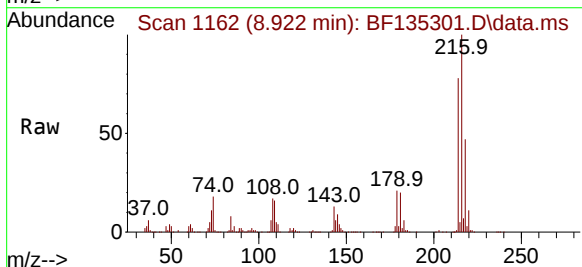
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 20.9 16.7 25.1

108 20.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 82.715 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

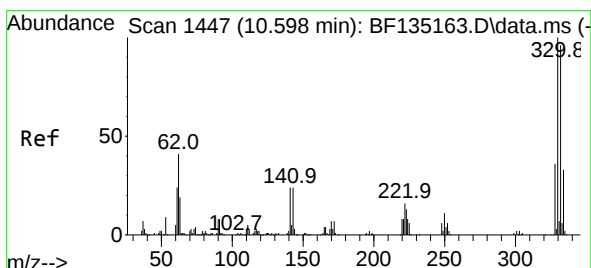
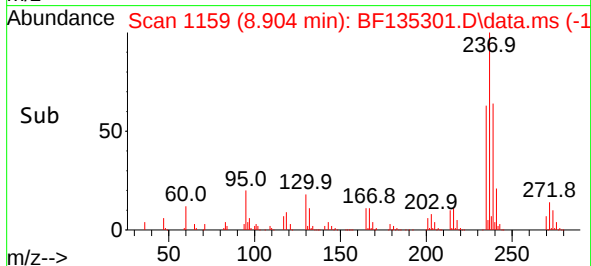
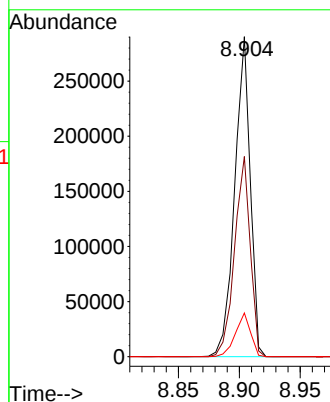
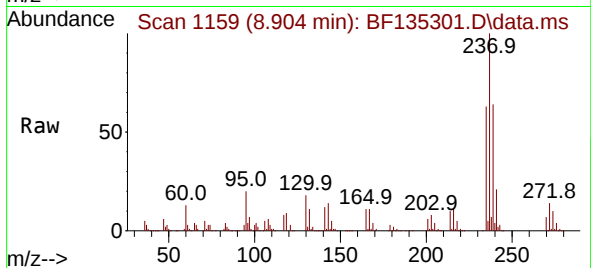
PB155010BS

Tgt Ion:237 Resp: 25803
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 13.6 0.0 33.6

Manual Integrations

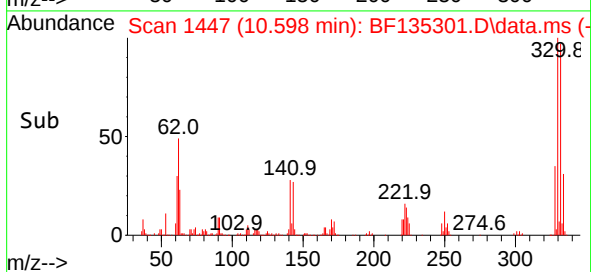
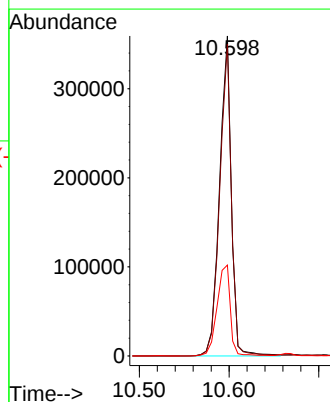
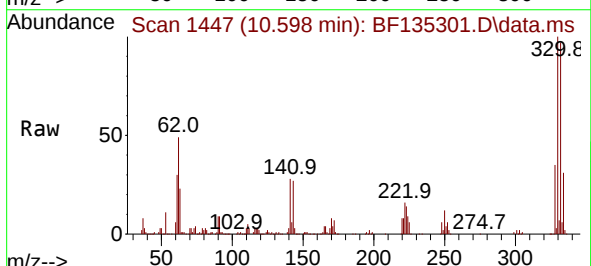
APPROVED

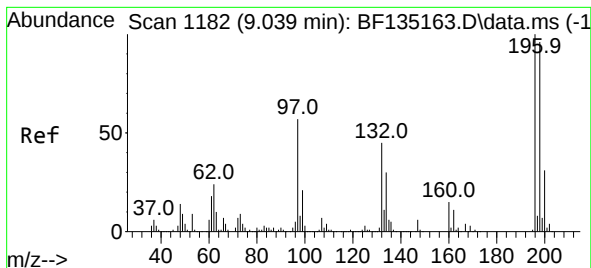
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#42
2,4,6-Tribromophenol
Concen: 135.254 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:330 Resp: 327369
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 32.1 25.8 38.8





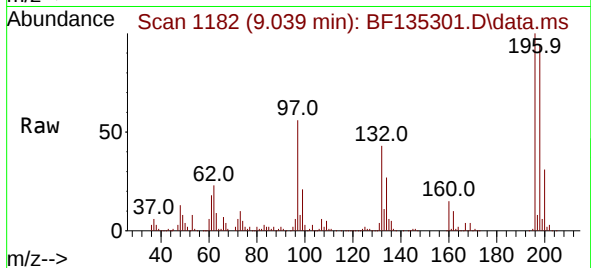
#43
2,4,6-Trichlorophenol
Concen: 47.251 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

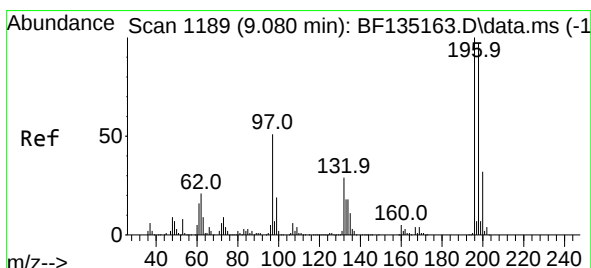
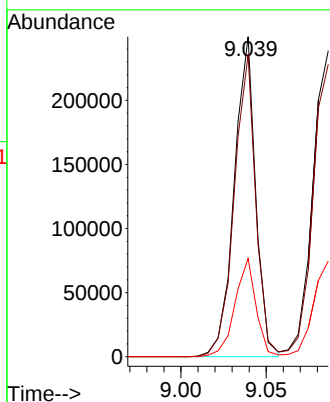
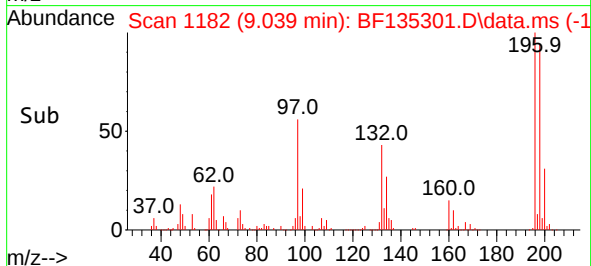


Tgt Ion:196 Resp: 218299
Ion Ratio Lower Upper
196 100
198 94.4 77.0 115.6
200 30.7 24.5 36.7

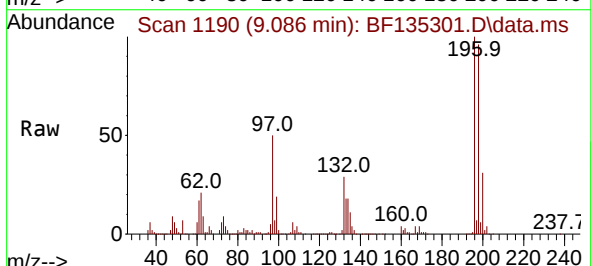
Manual Integrations

APPROVED

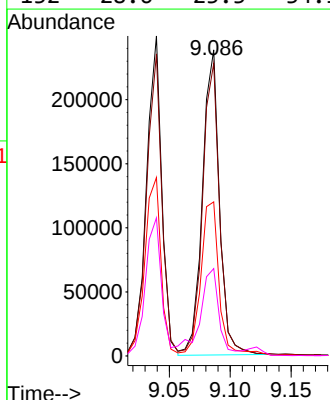
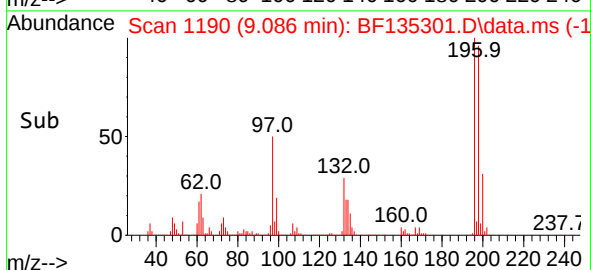
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

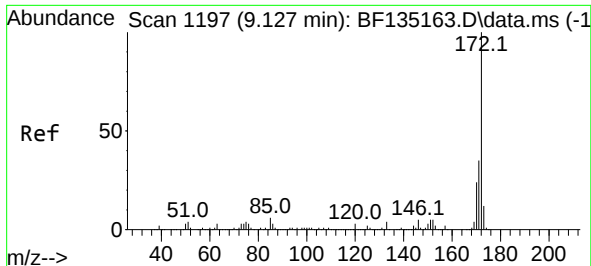


#44
2,4,5-Trichlorophenol
Concen: 43.600 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16



Tgt Ion:196 Resp: 231971
Ion Ratio Lower Upper
196 100
198 95.6 77.5 116.3
97 50.3 40.5 60.7
132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.001 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:172 Resp: 1404490

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

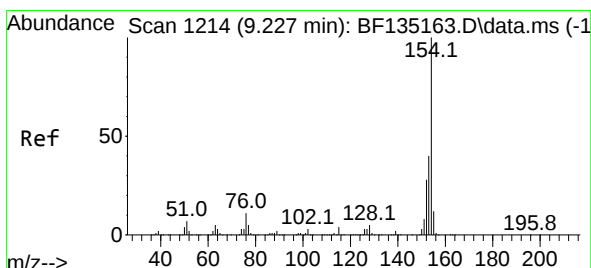
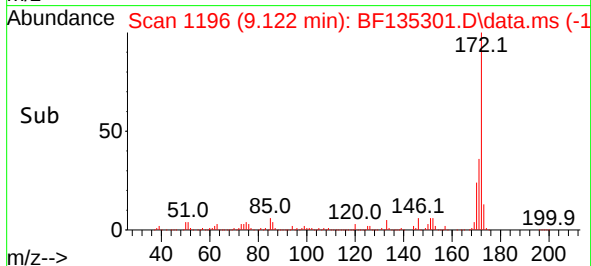
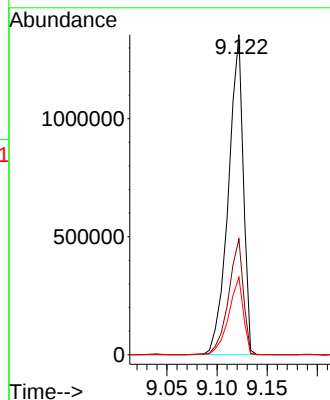
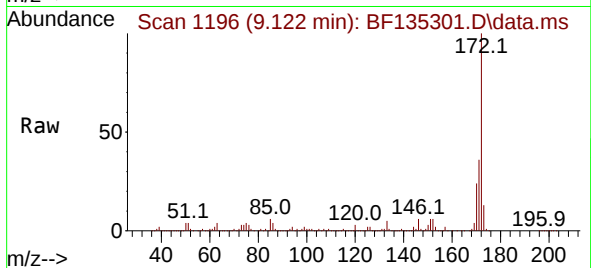
170 24.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#46

1,1'-Biphenyl

Concen: 45.522 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

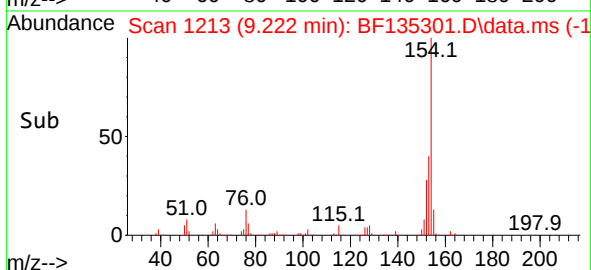
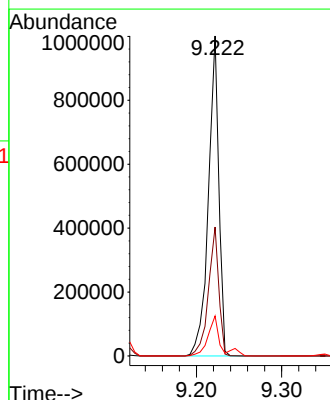
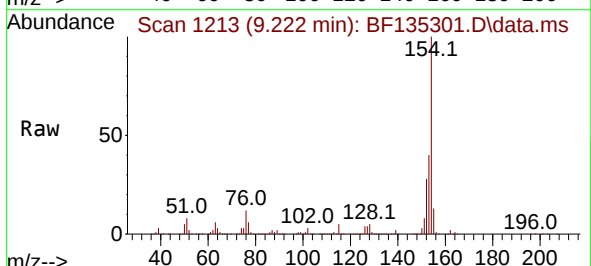
Tgt Ion:154 Resp: 852051

Ion Ratio Lower Upper

154 100

153 40.3 19.6 59.6

76 12.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.925 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion: 162 Resp: 63726

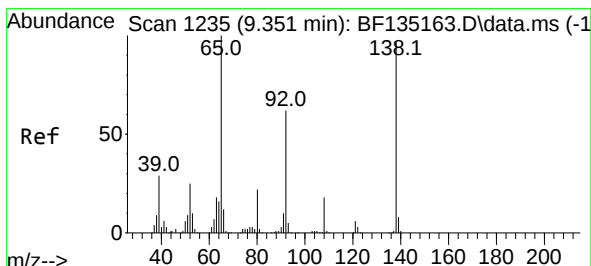
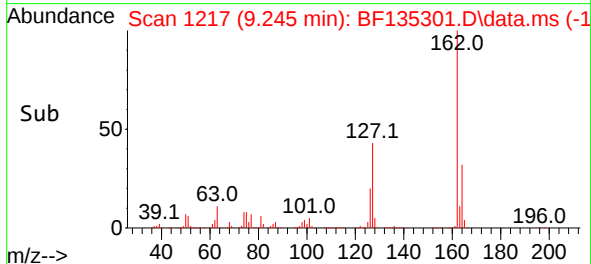
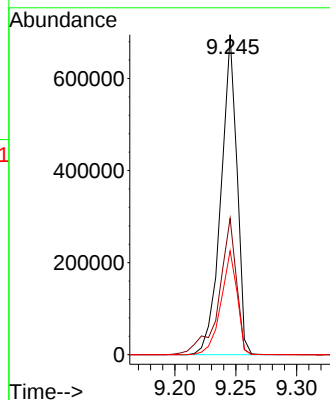
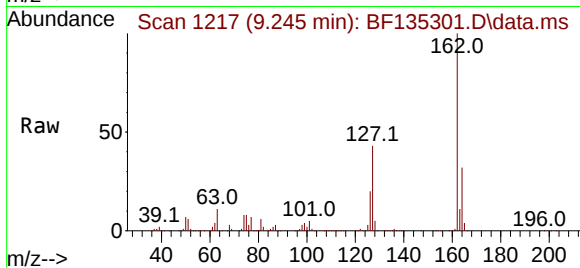
Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.6	48.8
164	32.5	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#48

2-Nitroaniline

Concen: 47.322 ng

RT: 9.351 min Scan# 1235

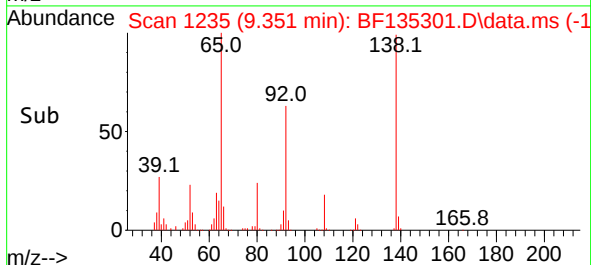
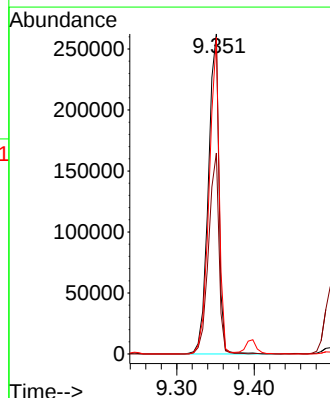
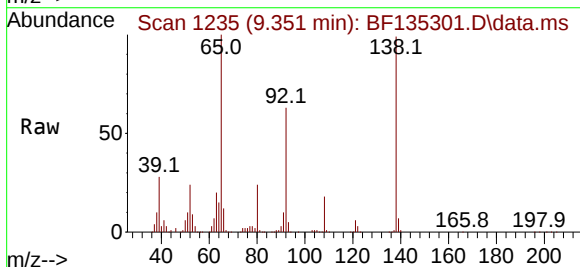
Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Tgt Ion: 65 Resp: 249670

Ion	Ratio	Lower	Upper
65	100		
92	62.8	49.4	74.0
138	98.9	77.4	116.0





#49

Acenaphthylene

Concen: 45.068 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:152 Resp: 1017178

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

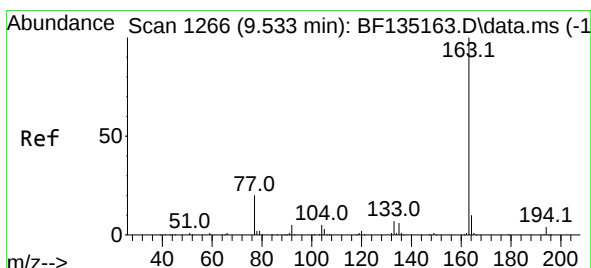
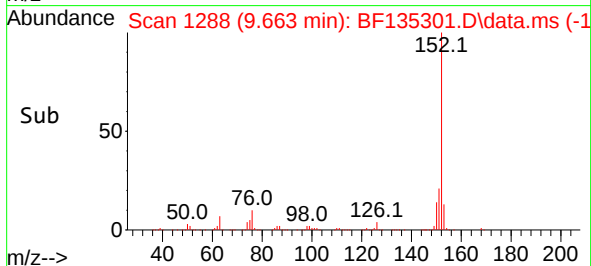
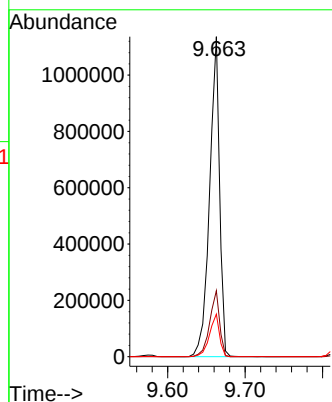
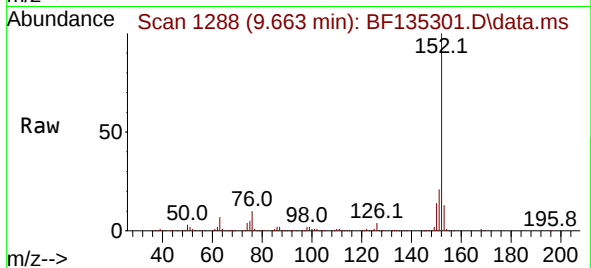
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#50

Dimethylphthalate

Concen: 47.135 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

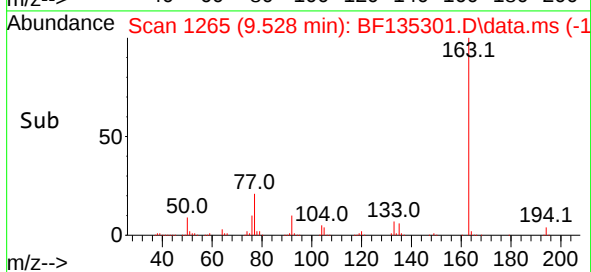
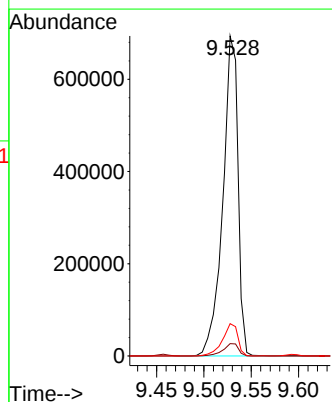
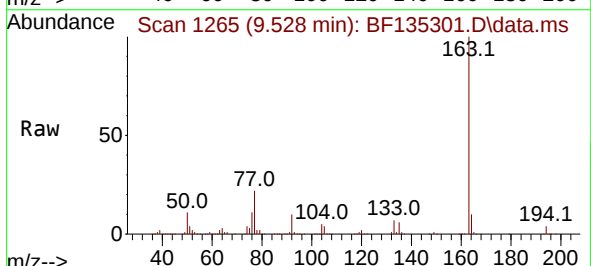
Tgt Ion:163 Resp: 776186

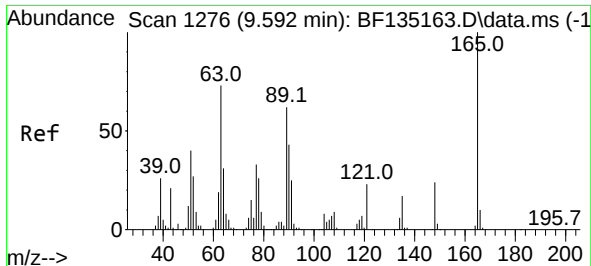
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.391 ng

RT: 9.592 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:165 Resp: 170958

Ion Ratio Lower Upper

165 100

63 72.0 59.4 89.2

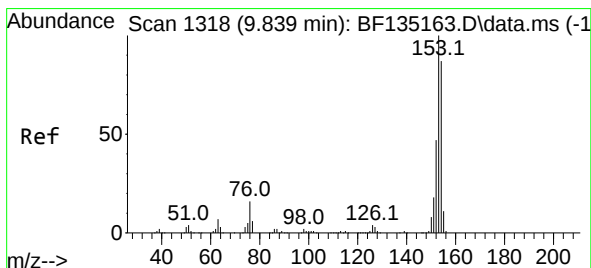
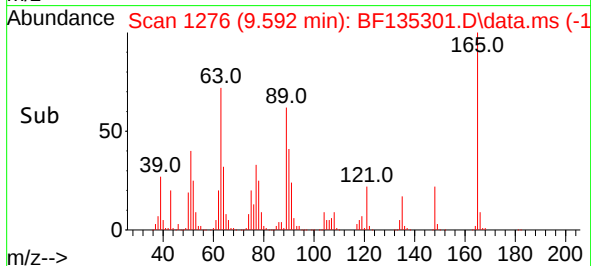
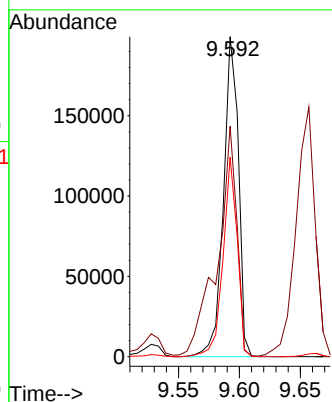
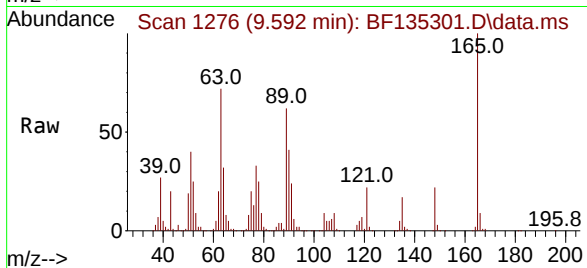
89 62.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#52

Acenaphthene

Concen: 45.973 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

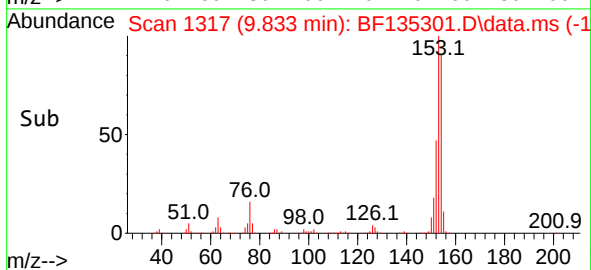
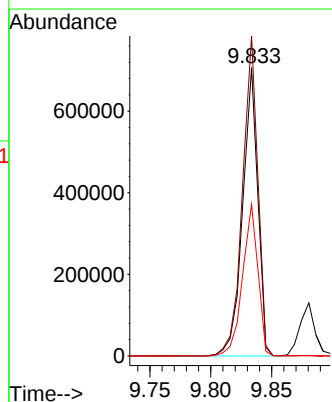
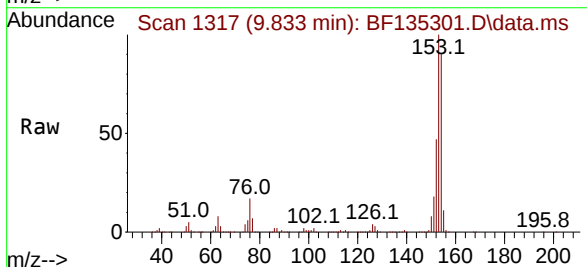
Tgt Ion:154 Resp: 612955

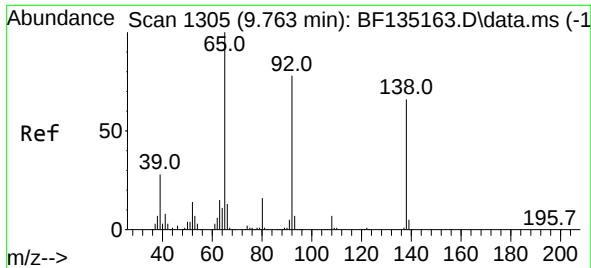
Ion Ratio Lower Upper

154 100

153 111.0 92.1 138.1

152 52.6 43.1 64.7





#53
3-Nitroaniline
Concen: 32.026 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

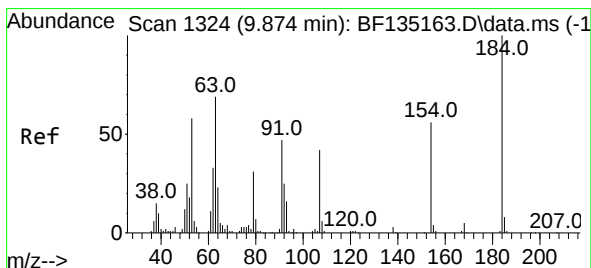
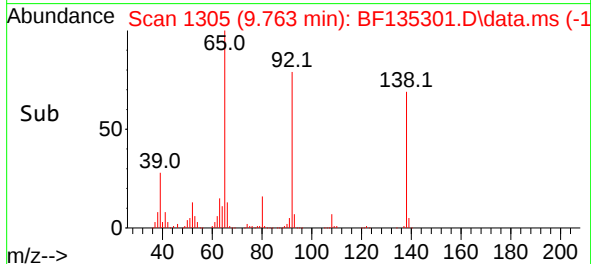
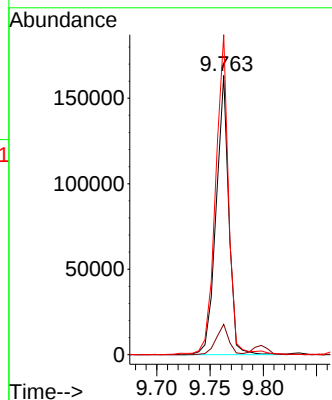
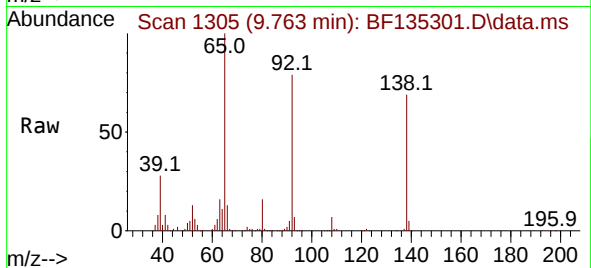
PB155010BS

Tgt Ion:138 Resp: 13561
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 114.6 95.4 143.0

Manual Integrations

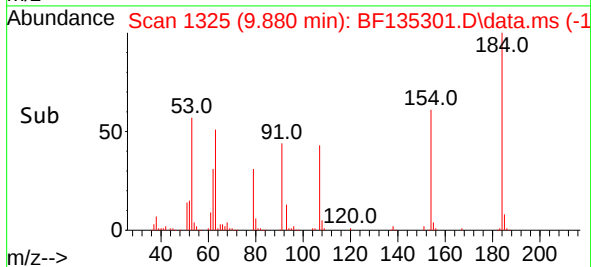
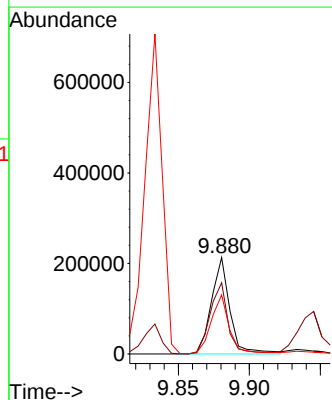
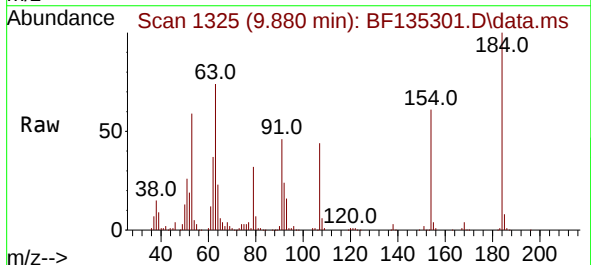
APPROVED

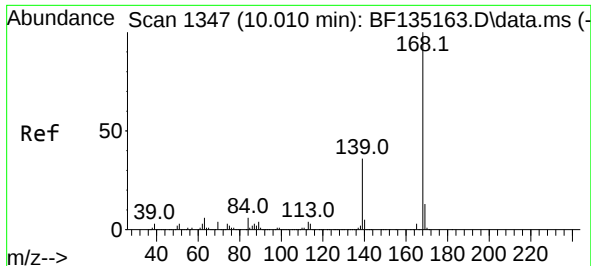
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#54
2,4-Dinitrophenol
Concen: 92.523 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:184 Resp: 191650
Ion Ratio Lower Upper
184 100
63 73.8 55.1 82.7
154 61.2 48.4 72.6





#55
Dibenzenofuran
Concen: 43.672 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

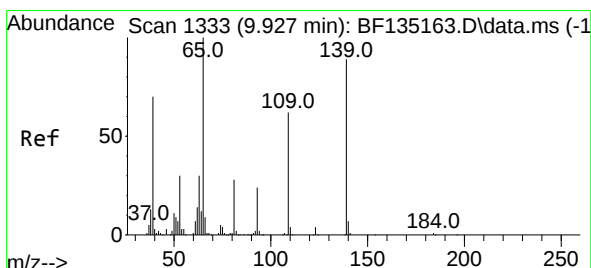
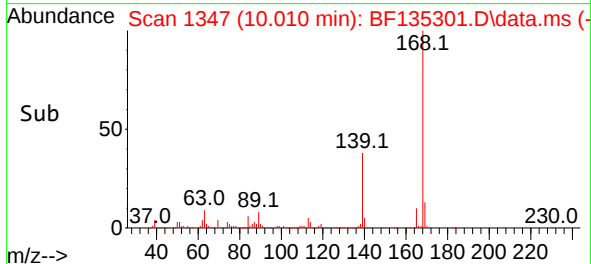
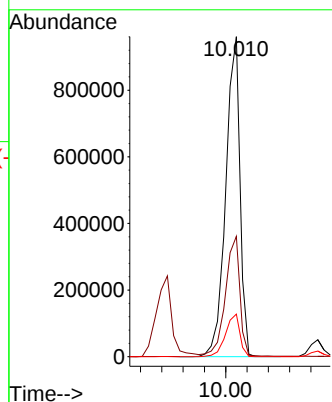
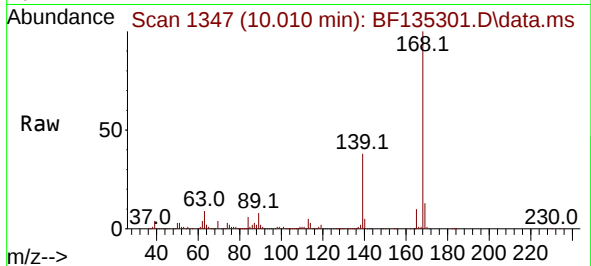
ClientSampleId :

PB155010BS

Tgt Ion:168 Resp: 888534
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.6
169 13.3 10.4 15.6

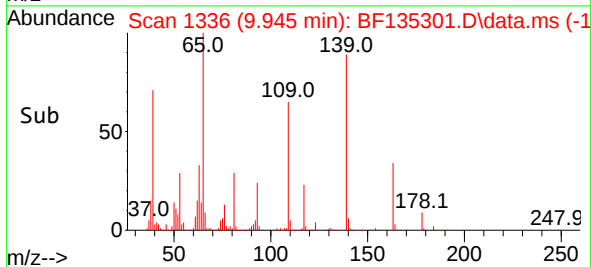
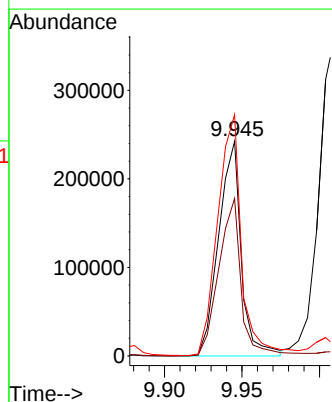
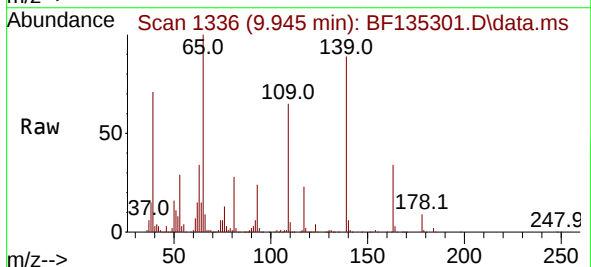
Manual Integrations
APPROVED

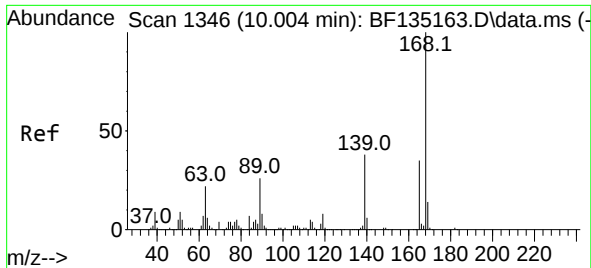
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 91.390 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

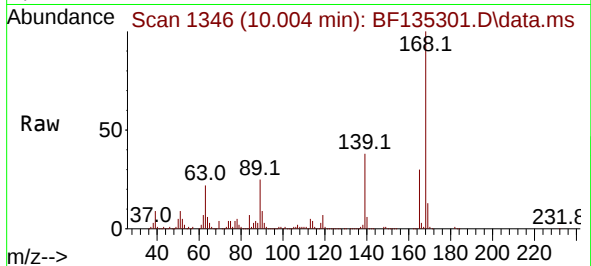
Tgt Ion:139 Resp: 245951
Ion Ratio Lower Upper
139 100
109 73.4 49.8 89.8
65 112.4 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.928 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

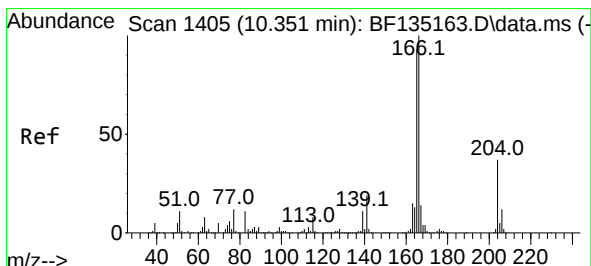
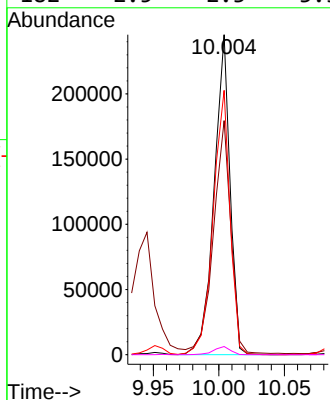
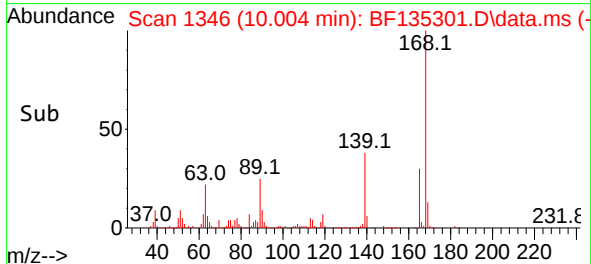
Instrument :
BNA_F
ClientSampleId :
PB155010BS



Tgt Ion:165 Resp: 20741
Ion Ratio Lower Upper
165 100
63 73.2 50.1 75.1
89 82.6 59.3 88.9
182 2.5 2.3 3.5

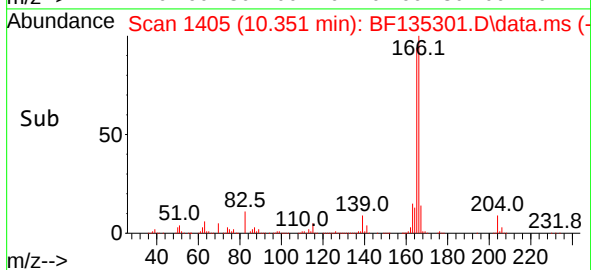
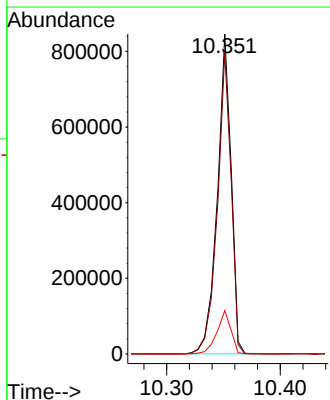
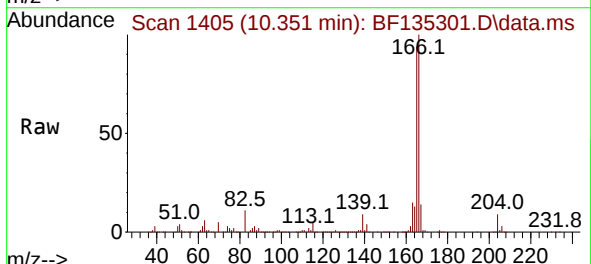
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 45.814 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

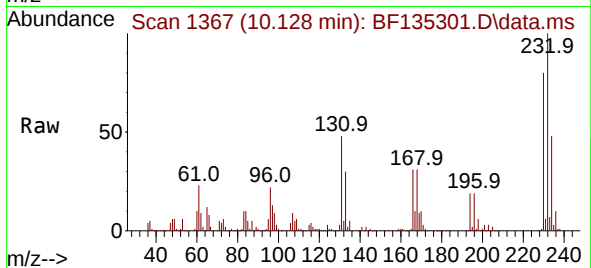
Tgt Ion:166 Resp: 716579
Ion Ratio Lower Upper
166 100
165 94.2 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.245 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

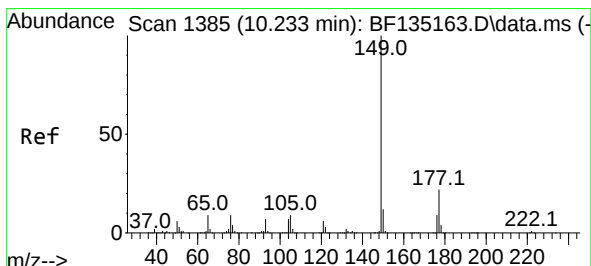
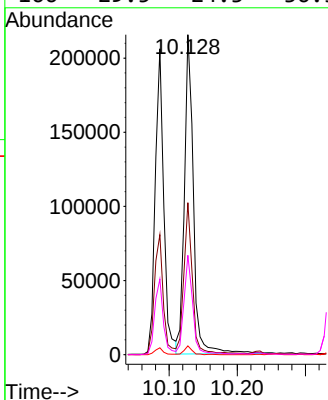
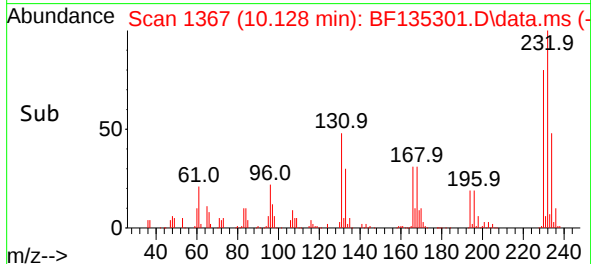
Instrument :
BNA_F
ClientSampleId :
PB155010BS



Tgt Ion:232 Resp: 197450
Ion Ratio Lower Upper
232 100
131 44.9 35.4 53.2
130 2.3 1.8 2.8
166 29.5 24.3 36.5

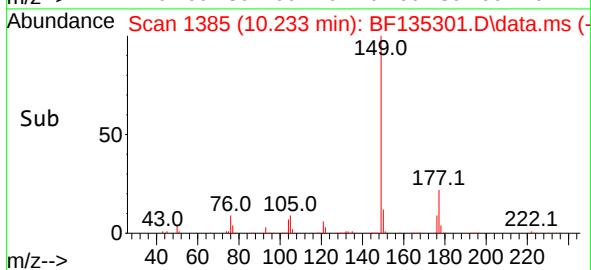
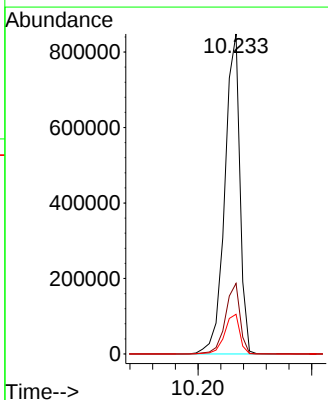
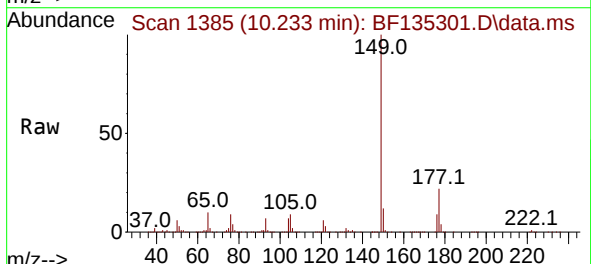
Manual Integrations
APPROVED

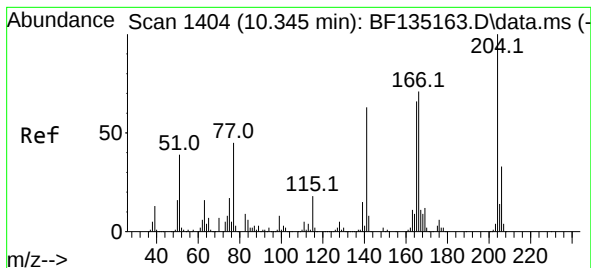
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#60
Diethylphthalate
Concen: 47.226 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

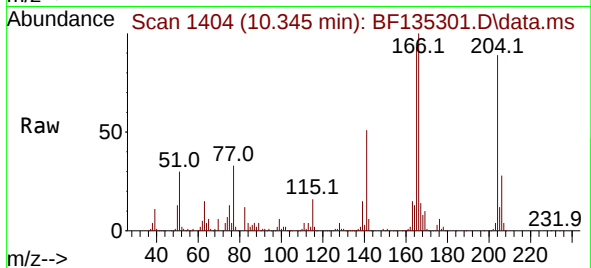
Tgt Ion:149 Resp: 780473
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.570 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

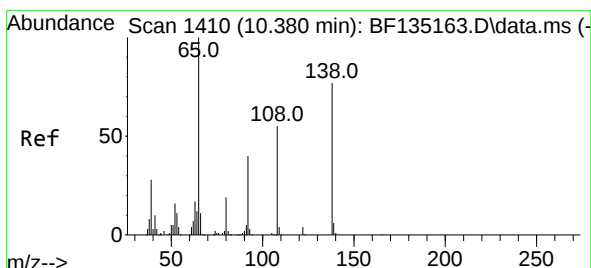
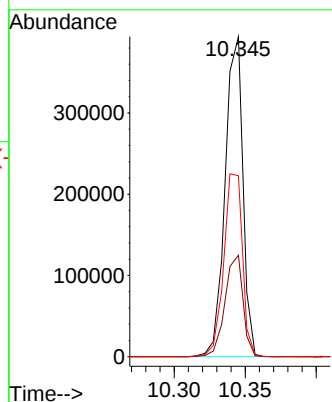
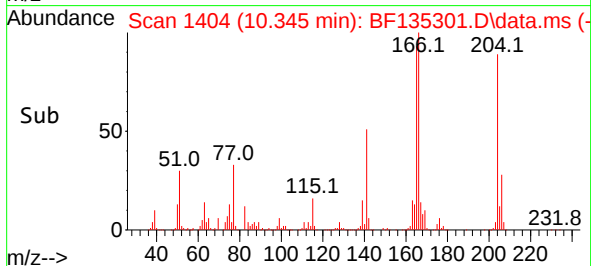
Instrument :
BNA_F
ClientSampleId :
PB155010BS



Tgt Ion:204 Resp: 342392
Ion Ratio Lower Upper
204 100
206 31.7 26.7 40.1
141 56.5 50.6 75.8

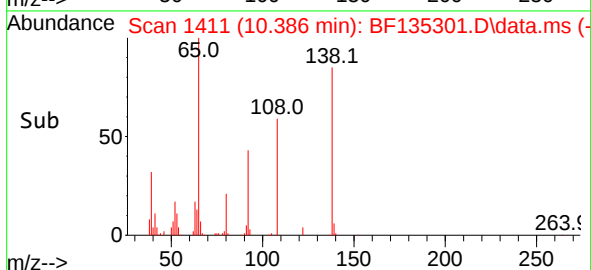
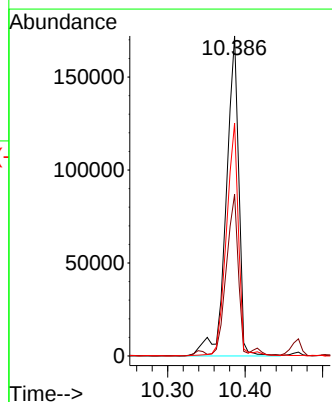
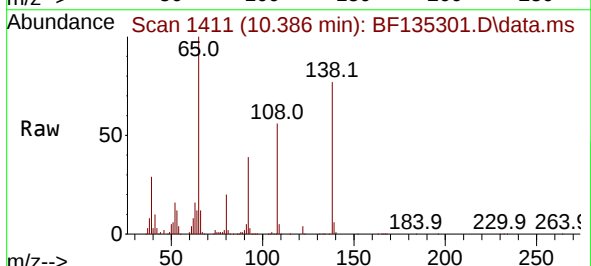
Manual Integrations
APPROVED

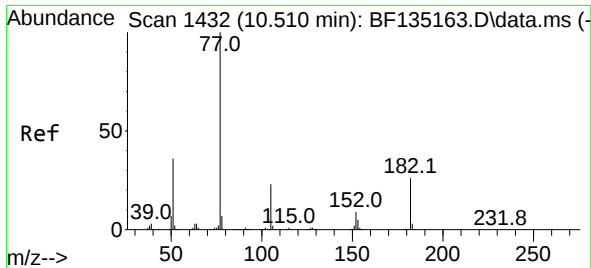
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 47.853 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:138 Resp: 194779
Ion Ratio Lower Upper
138 100
92 50.5 31.8 71.8
108 72.8 52.0 92.0





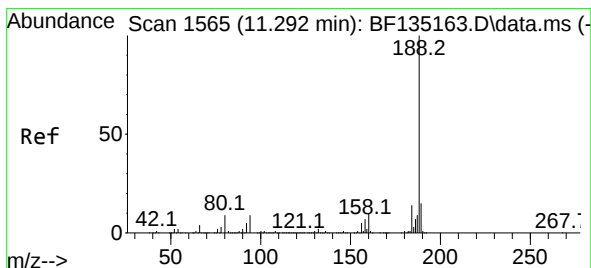
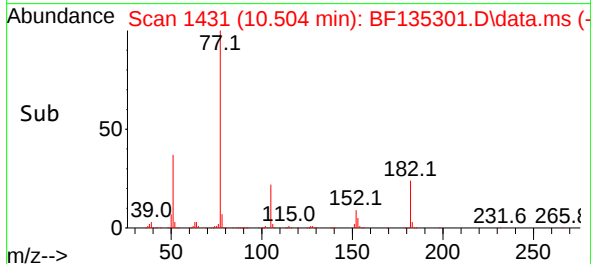
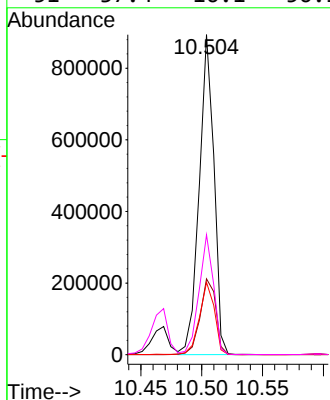
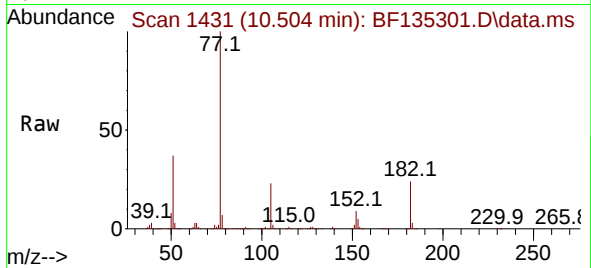
#63
Azobenzene
Concen: 46.589 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB155010BS

Tgt Ion: 77 Resp: 75353
Ion Ratio Lower Upper
77 100
182 23.7 6.4 46.4
105 22.6 3.1 43.1
51 37.4 16.1 56.1

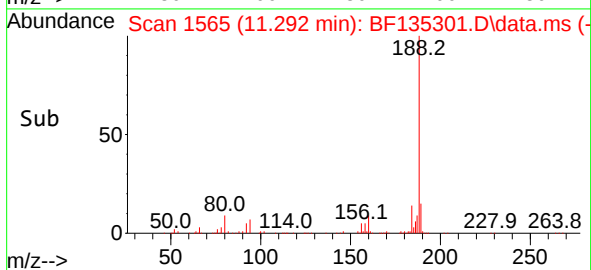
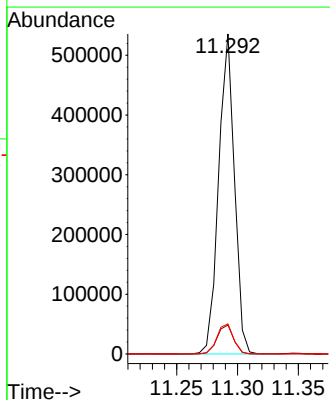
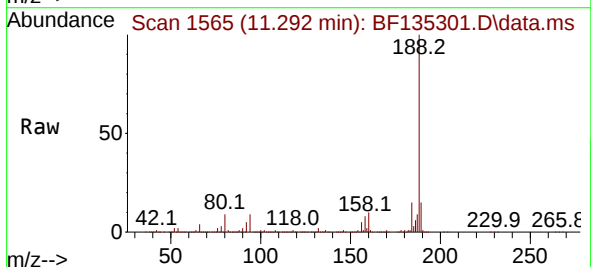
Manual Integrations
APPROVED

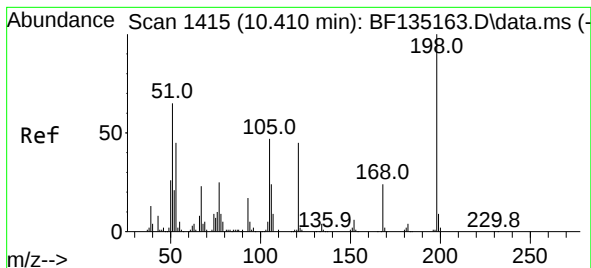
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:188 Resp: 484234
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.4 7.5 11.3





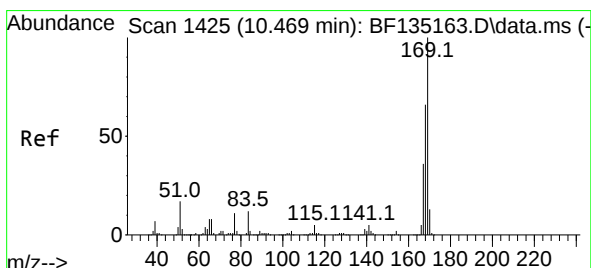
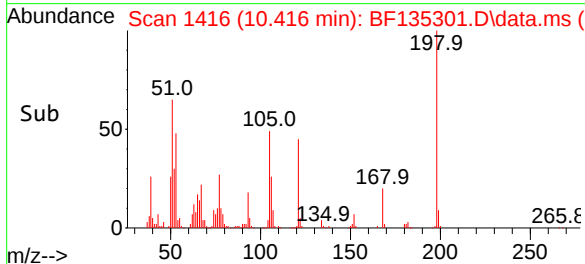
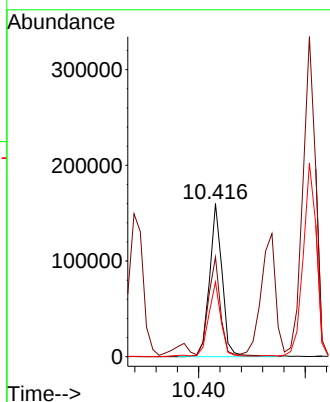
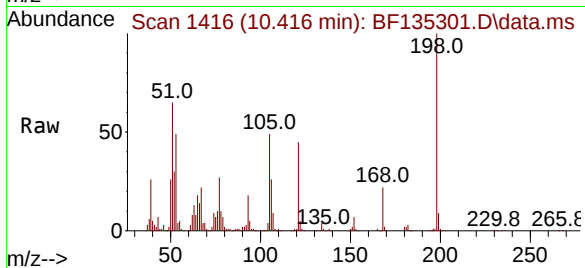
#65
4,6-Dinitro-2-methylphenol
Concen: 51.178 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB155010BS

Tgt Ion:198 Resp: 131620
Ion Ratio Lower Upper
198 100
51 65.1 47.7 87.7
105 48.8 27.4 67.4

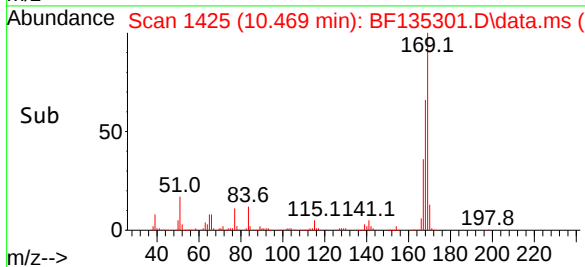
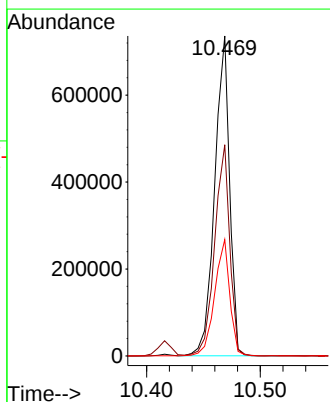
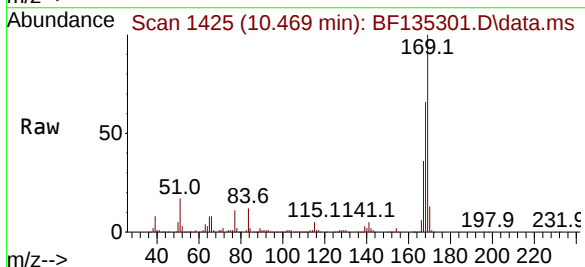
Manual Integrations
APPROVED

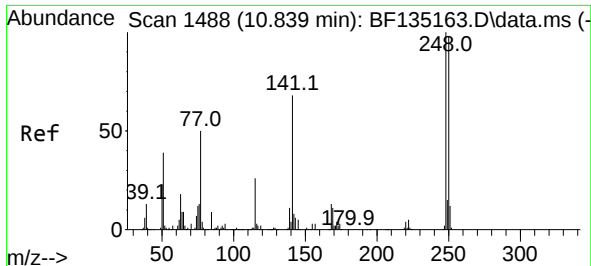
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#66
n-Nitrosodiphenylamine
Concen: 45.809 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

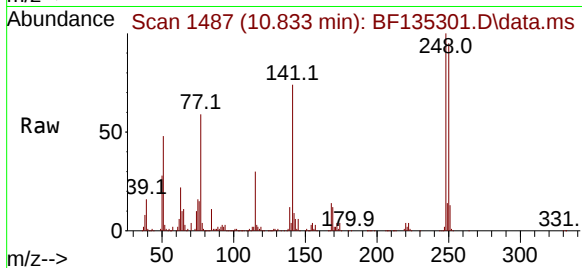
Tgt Ion:169 Resp: 671568
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.635 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

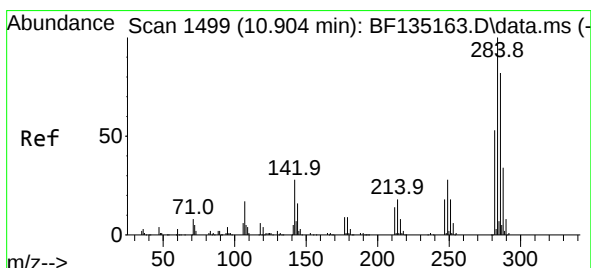
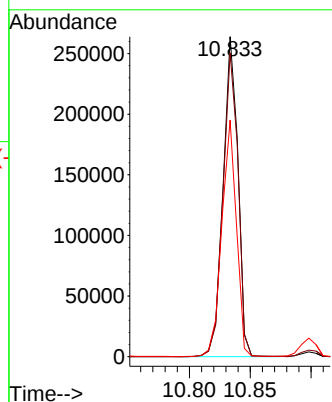
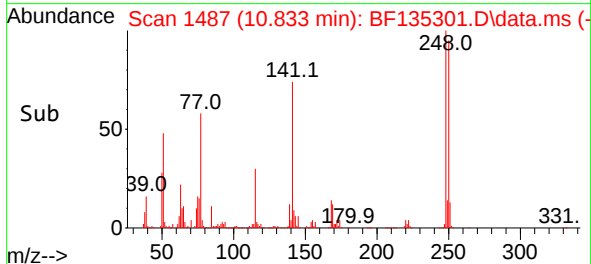
Instrument :
BNA_F
ClientSampleId :
PB155010BS



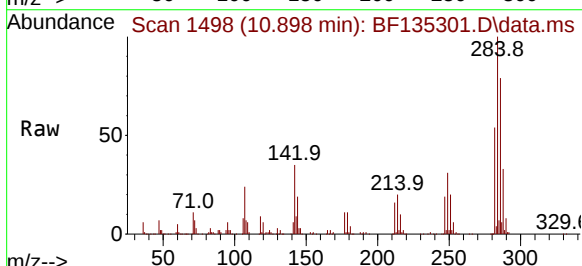
Tgt Ion:248 Resp: 22459
Ion Ratio Lower Upper
248 100
250 94.9 78.6 117.8
141 73.9 54.2 81.2

Manual Integrations
APPROVED

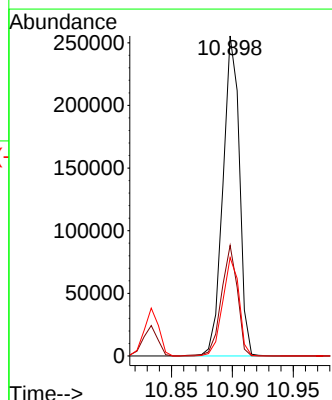
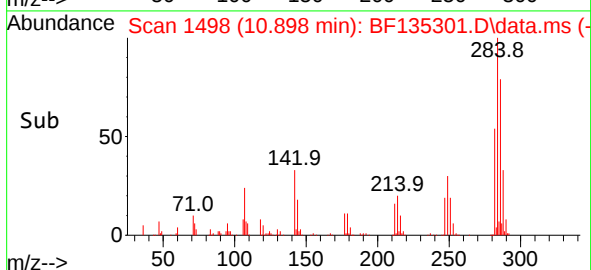
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

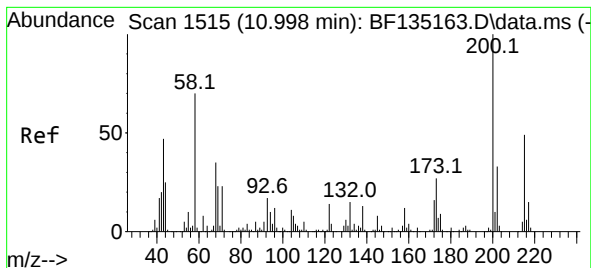


#68
Hexachlorobenzene
Concen: 49.063 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16



Tgt Ion:284 Resp: 240726
Ion Ratio Lower Upper
284 100
142 34.5 22.2 33.4#
249 30.8 22.5 33.7





#69

Atrazine

Concen: 56.317 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135301.D

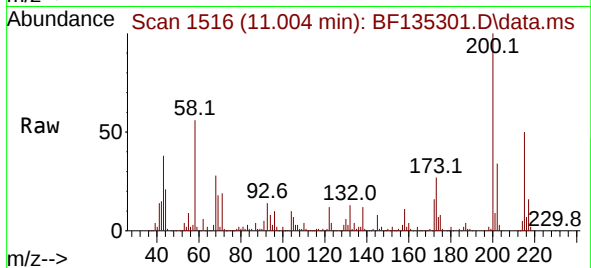
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS



Tgt Ion:200 Resp: 222148

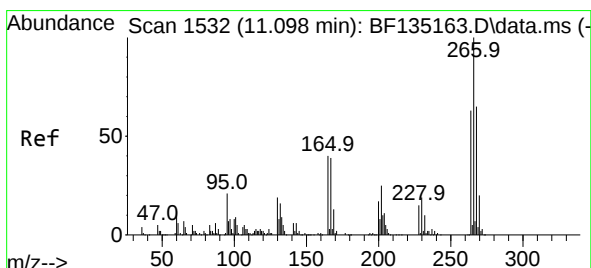
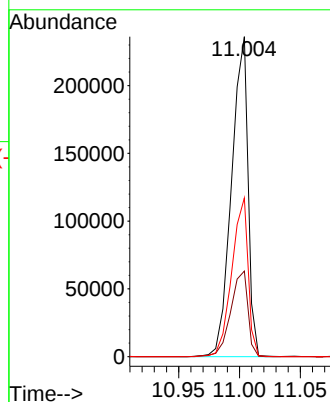
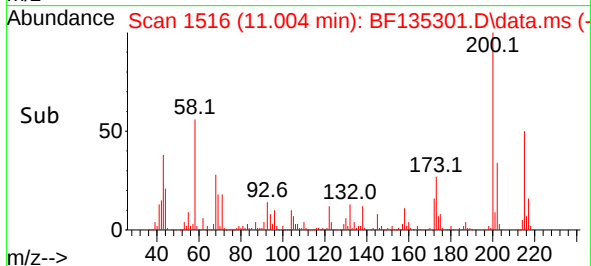
Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.4	47.4
215	49.6	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 83.207 ng

RT: 11.098 min Scan# 1532

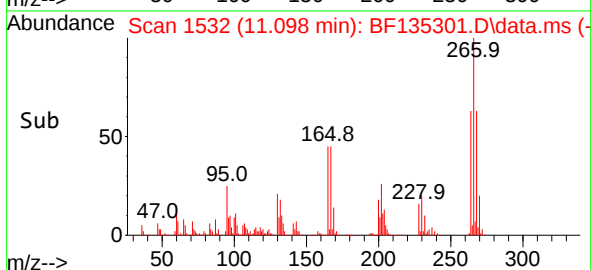
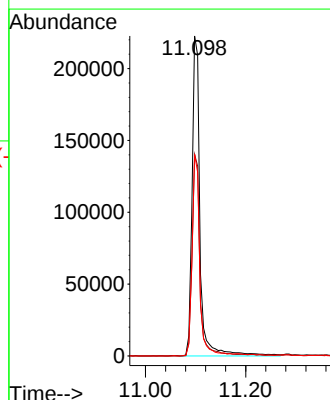
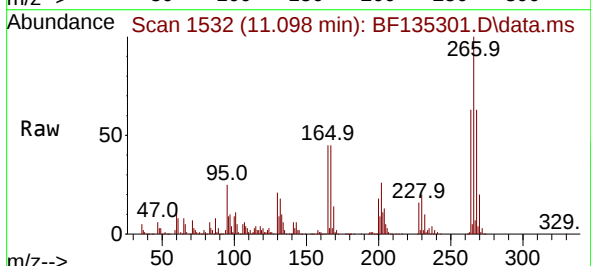
Delta R.T. 0.000 min

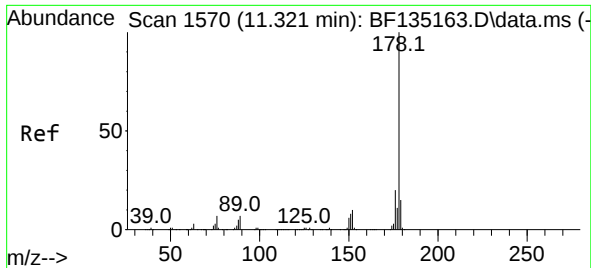
Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Tgt Ion:266 Resp: 244258

Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.1	78.1
264	63.0	50.8	76.2





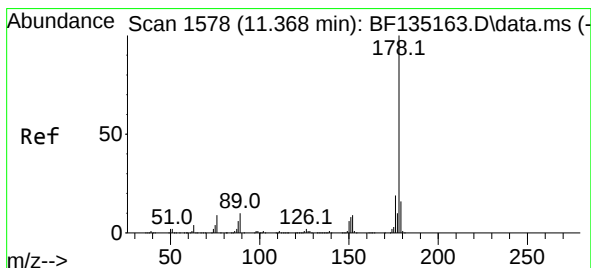
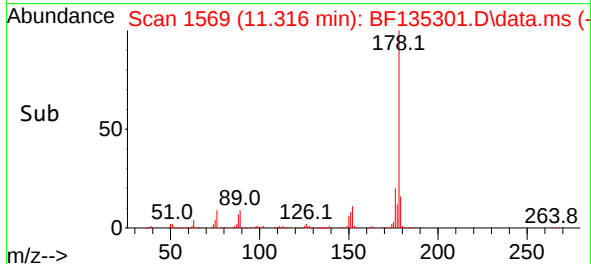
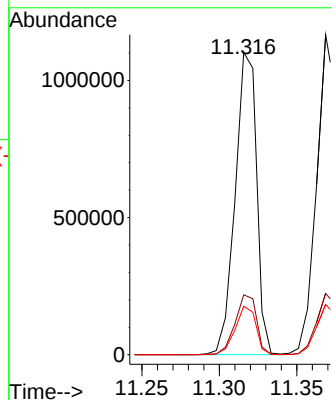
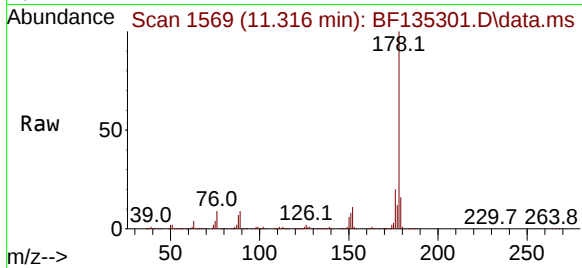
#71
Phenanthrene
Concen: 46.397 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB155010BS

Tgt Ion:178 Resp: 106258
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.0 12.0 18.0

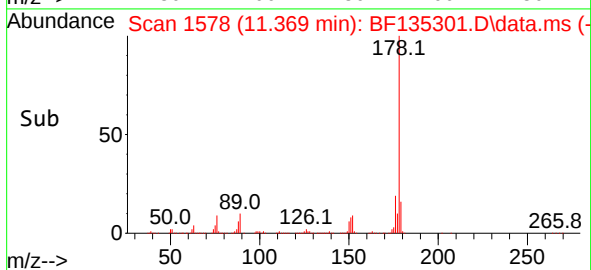
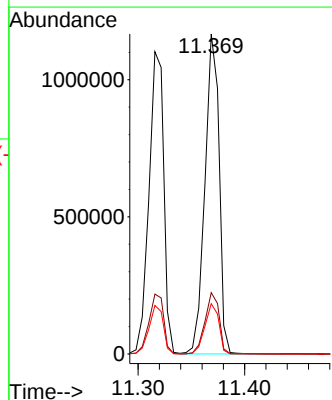
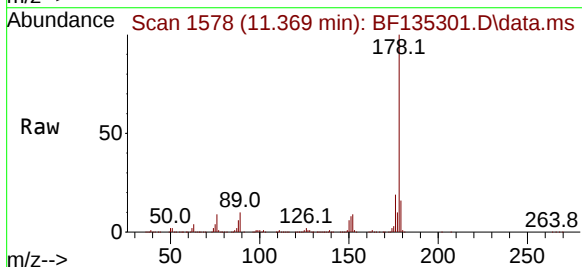
Manual Integrations
APPROVED

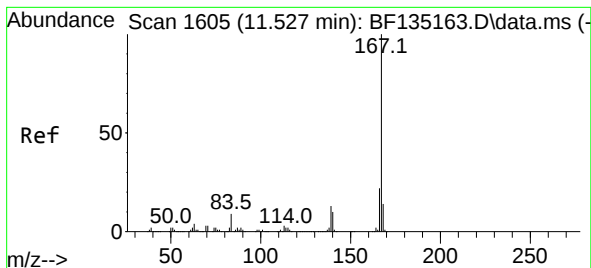
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 46.001 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:178 Resp: 1082919
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.6 19.0





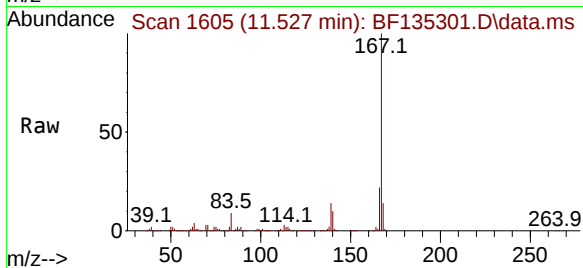
#73
 Carbazole
 Concen: 47.981 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135301.D
 Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS



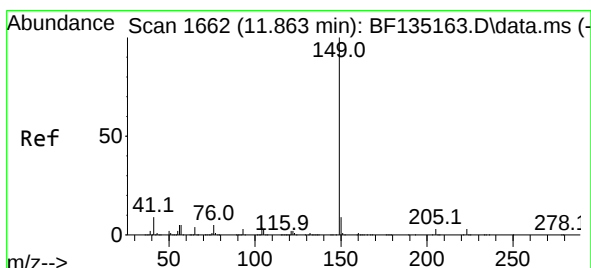
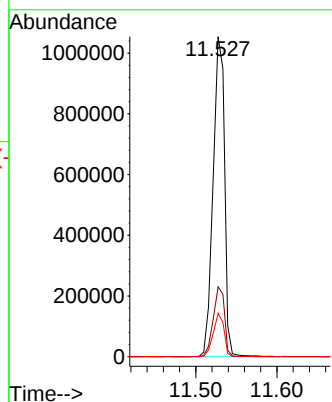
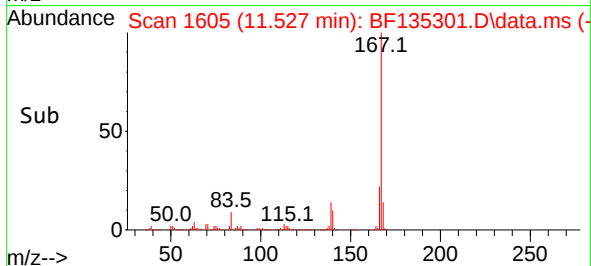
Tgt Ion:167 Resp: 1028220
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.5 10.6 15.8

Manual Integrations

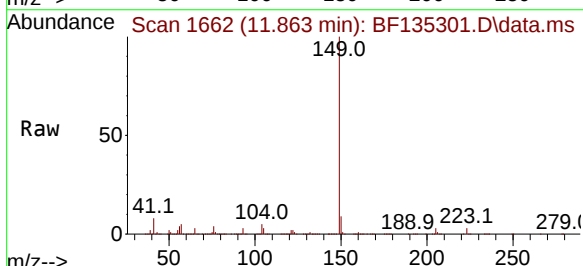
APPROVED

Reviewed By :Yogesh Patel 09/19/2023

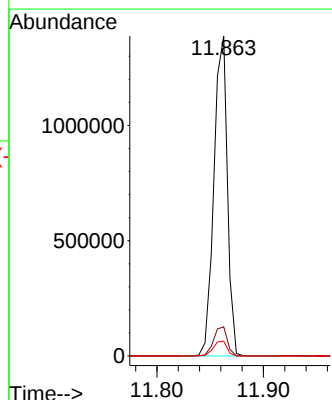
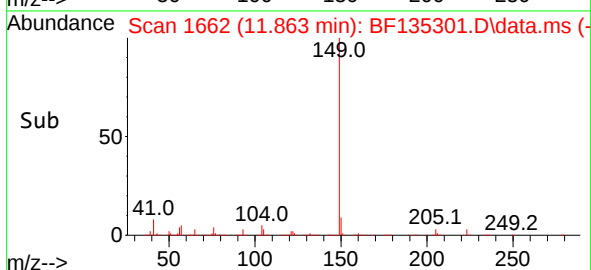
Supervised By :mohammad ahmed 09/19/2023

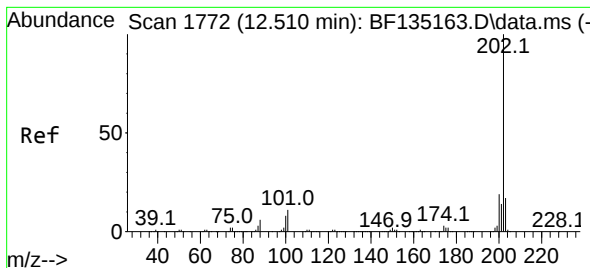


#74
 Di-n-butylphthalate
 Concen: 48.363 ng
 RT: 11.863 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF135301.D
 Acq: 18 Sep 2023 12:16



Tgt Ion:149 Resp: 1221241
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 47.474 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:202 Resp: 113292

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.3

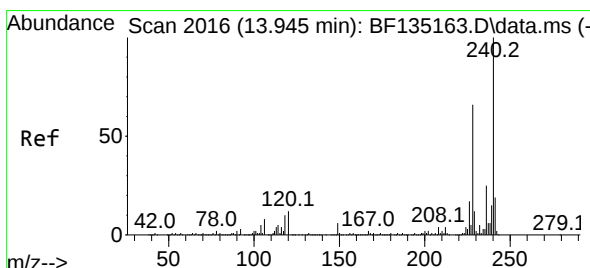
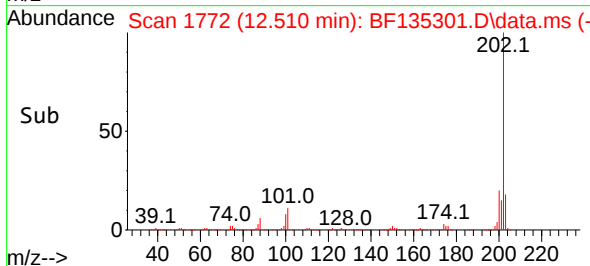
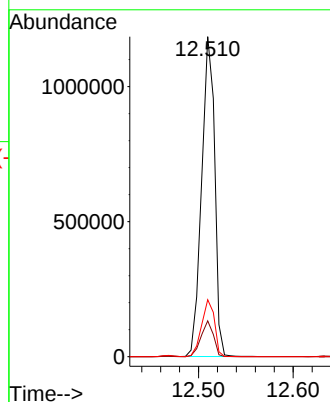
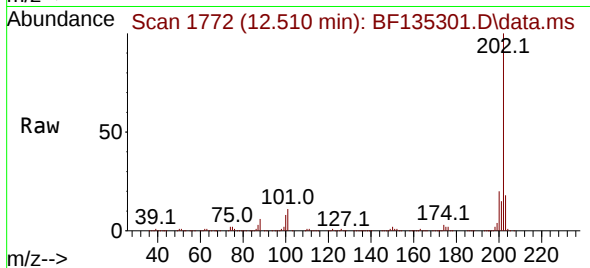
203 17.8 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

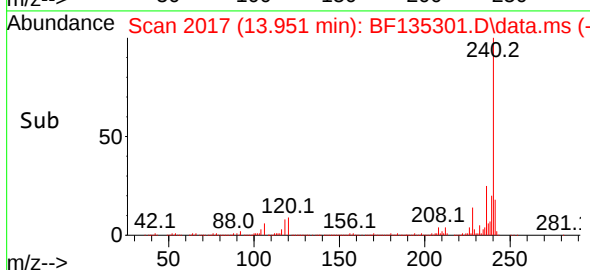
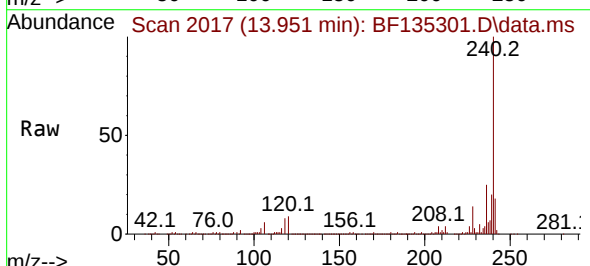
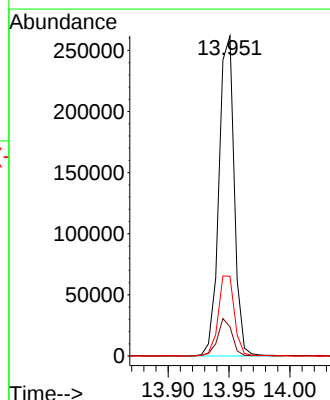
Tgt Ion:240 Resp: 230095

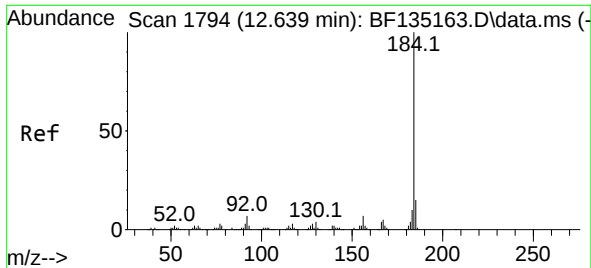
Ion Ratio Lower Upper

240 100

120 9.1 9.4 14.2#

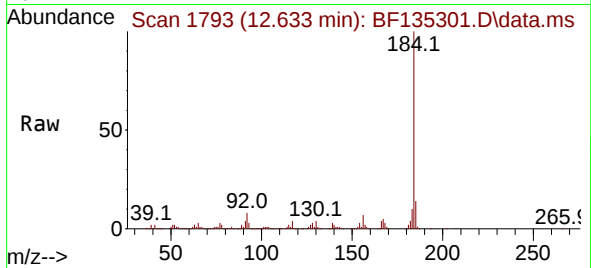
236 24.9 19.8 29.8





#77
Benzidine
Concen: 61.378 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

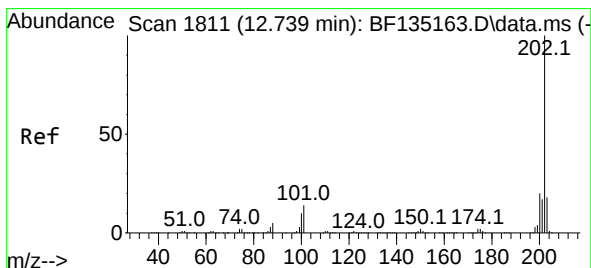
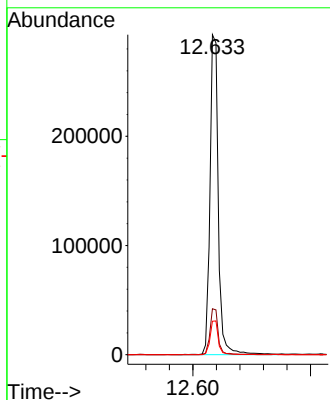
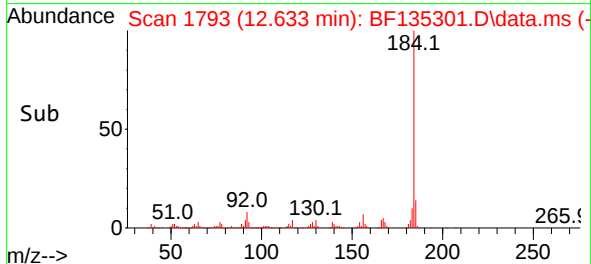
Instrument :
BNA_F
ClientSampleId :
PB155010BS



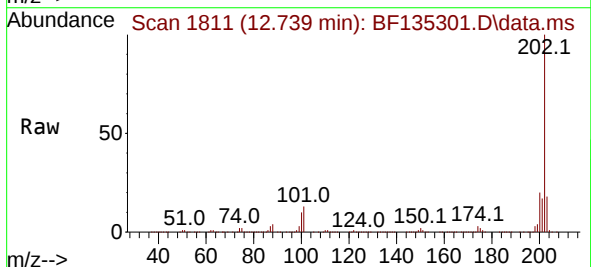
Tgt Ion:184 Resp: 289330
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.5 8.2 12.4

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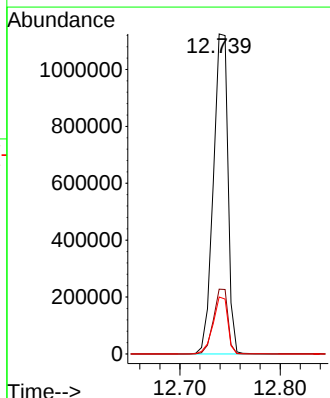
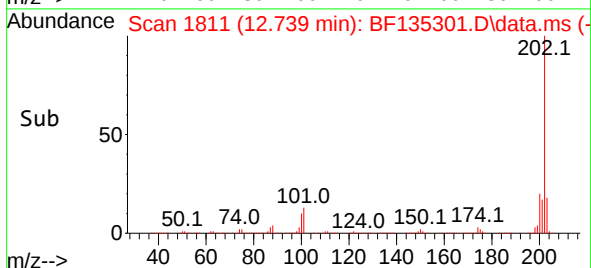
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#78
Pyrene
Concen: 51.863 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16



Tgt Ion:202 Resp: 1136163
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 99.965 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135301.D

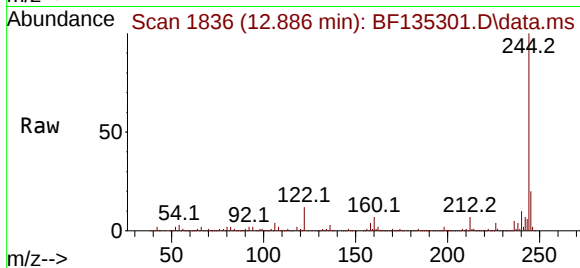
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS



Tgt Ion:244 Resp: 1483780

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

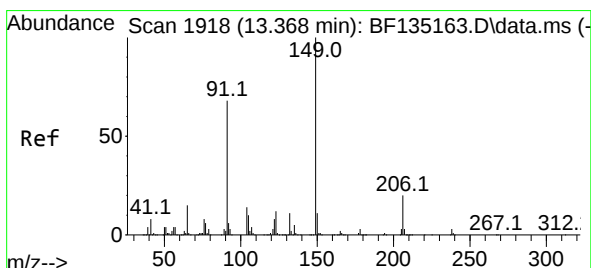
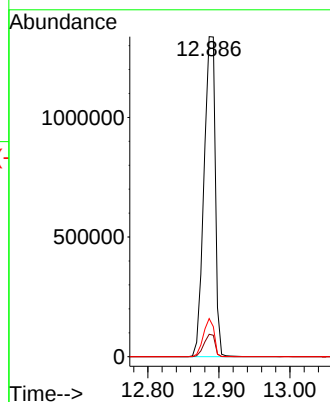
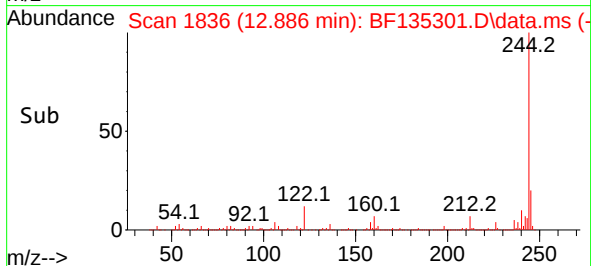
122 11.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#80

Butylbenzylphthalate

Concen: 55.578 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

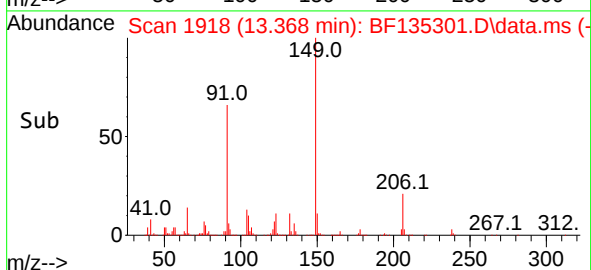
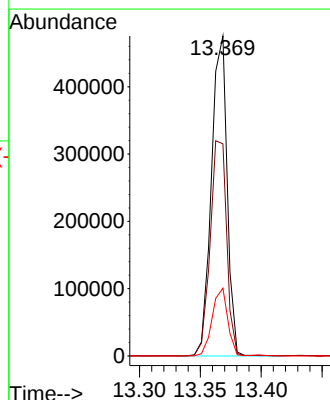
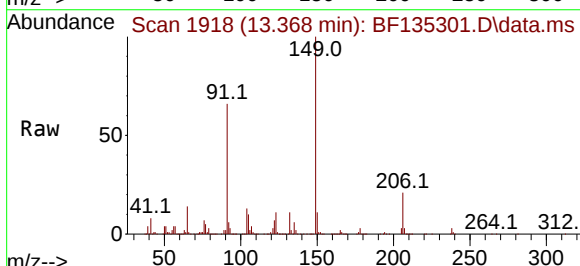
Tgt Ion:149 Resp: 428676

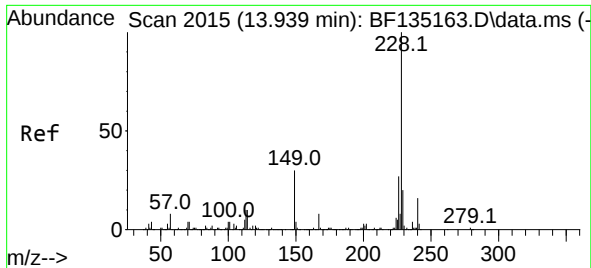
Ion Ratio Lower Upper

149 100

91 66.3 54.7 82.1

206 21.2 16.3 24.5





#81
Benzo(a)anthracene
Concen: 47.147 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

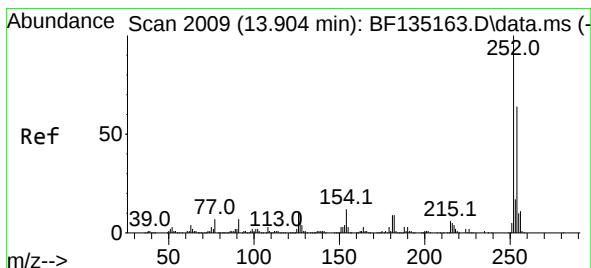
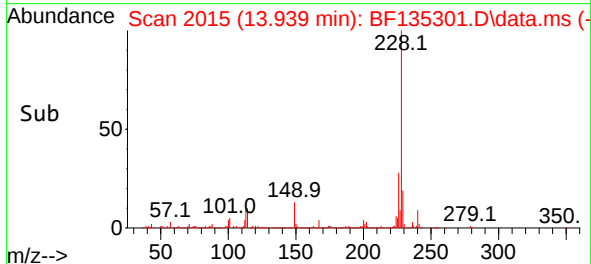
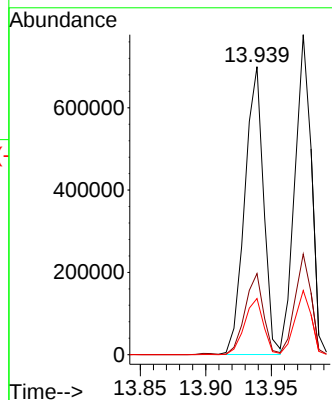
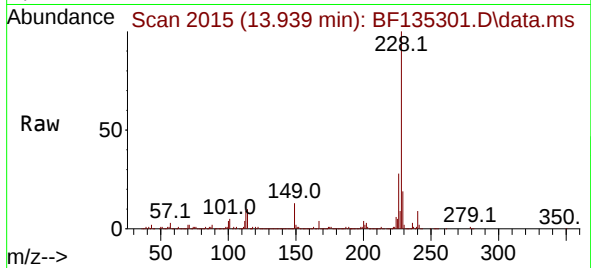
PB155010BS

Tgt Ion:228 Resp: 70050
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 19.5 15.8 23.8

Manual Integrations

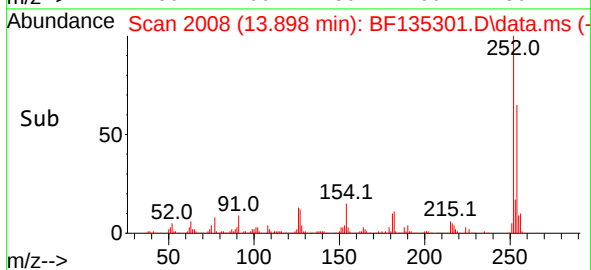
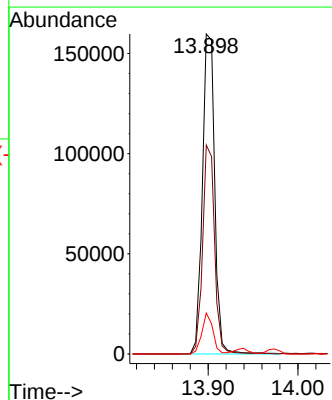
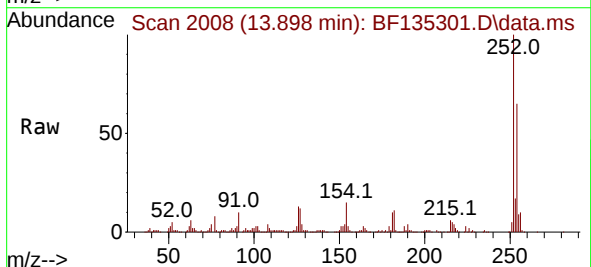
APPROVED

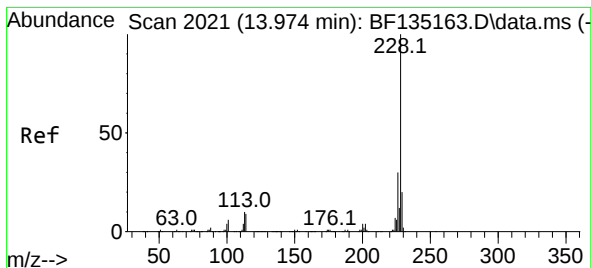
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.837 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:252 Resp: 152392
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.4
126 12.8 7.8 11.8#





#83

Chrysene

Concen: 46.153 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

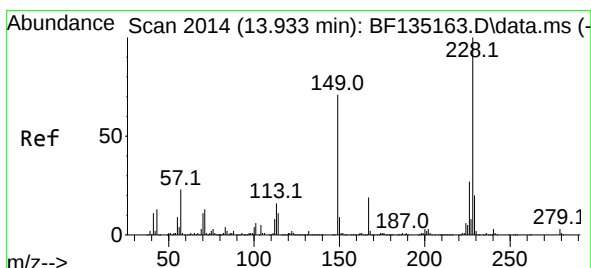
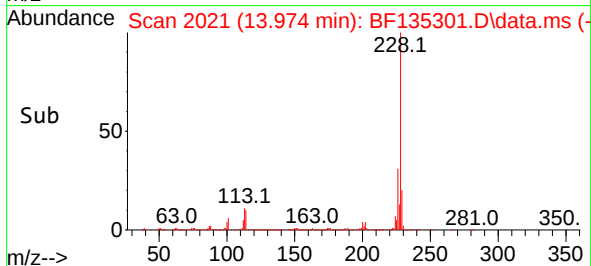
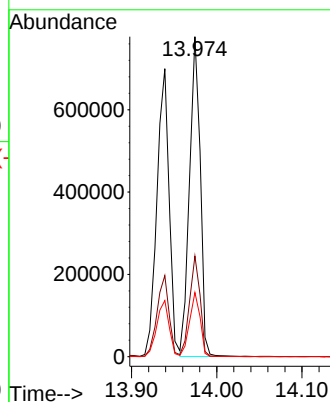
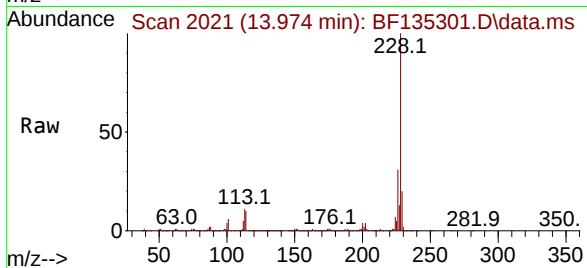
PB155010BS

Tgt Ion:228 Resp: 681779
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.3 36.5
 229 20.1 16.0 24.0

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.675 ng

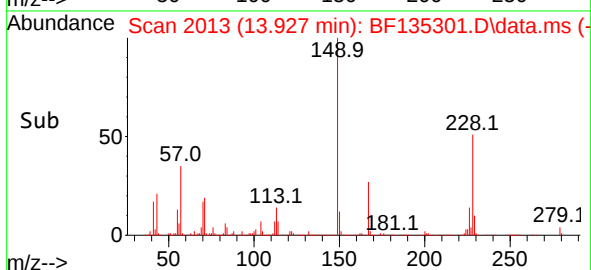
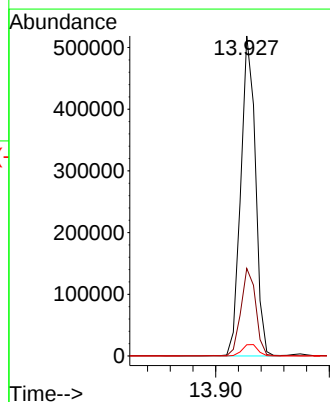
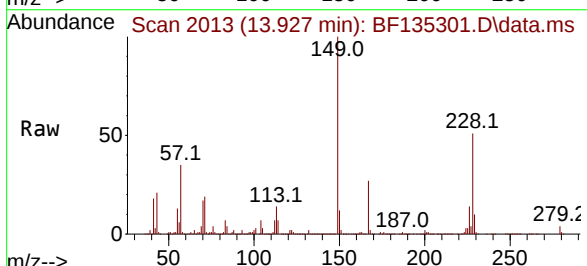
RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Tgt Ion:149 Resp: 464410
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.9 32.9
 279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.544 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS

Tgt Ion:149 Resp: 660918

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

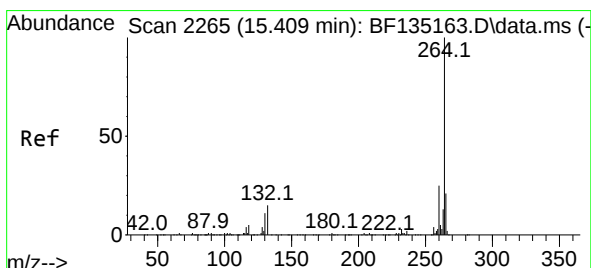
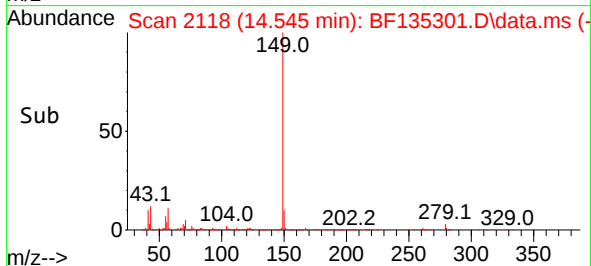
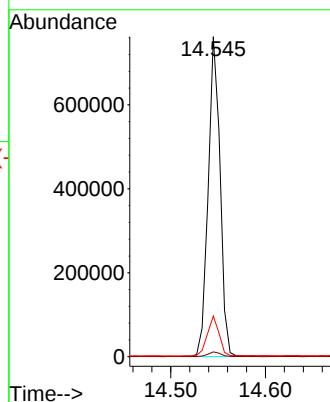
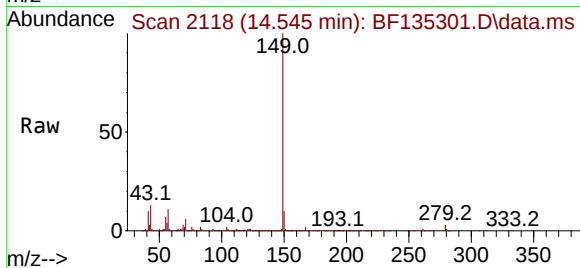
43 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

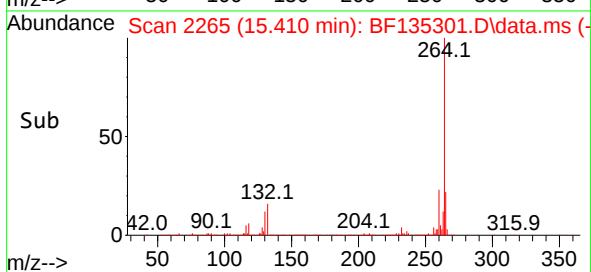
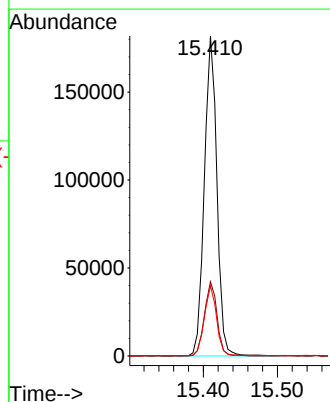
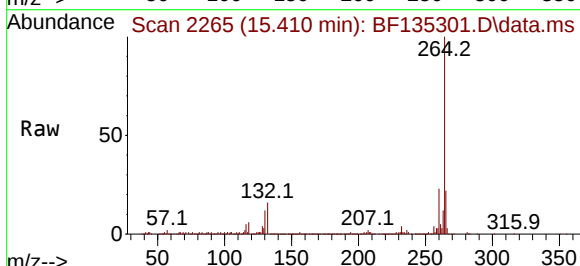
Tgt Ion:264 Resp: 214277

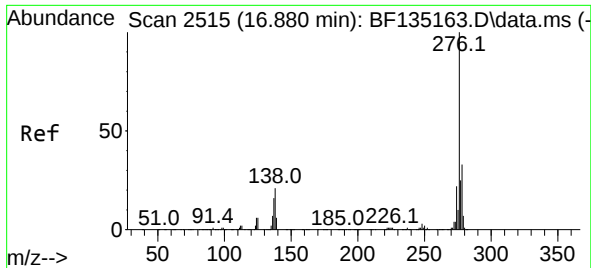
Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.788 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

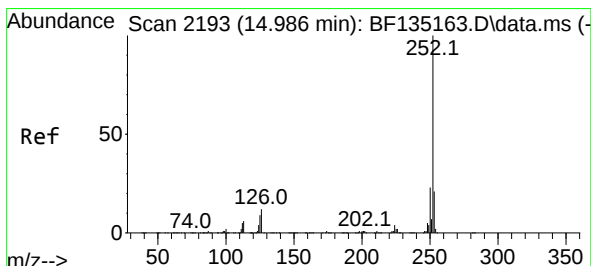
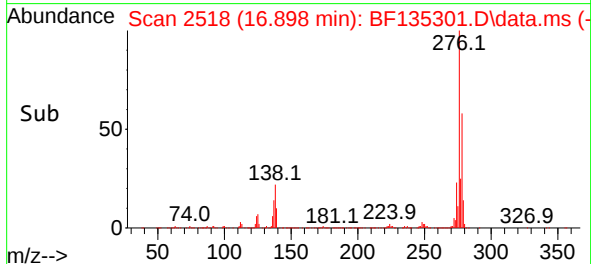
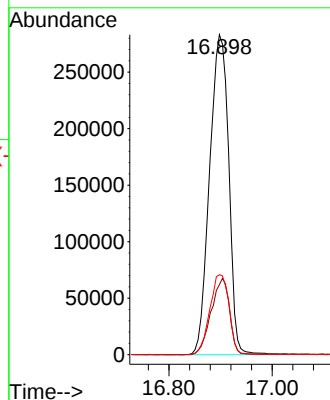
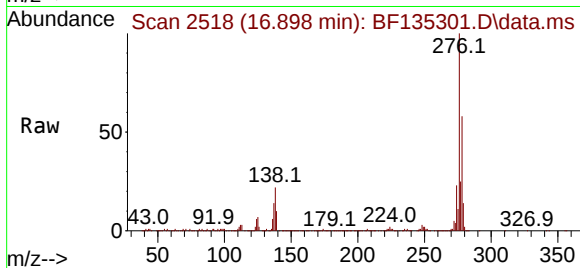
PB155010BS

Tgt Ion:276 Resp: 727590
Ion Ratio Lower Upper
276 100
138 23.0 19.2 28.8
277 25.3 19.7 29.5

Manual Integrations

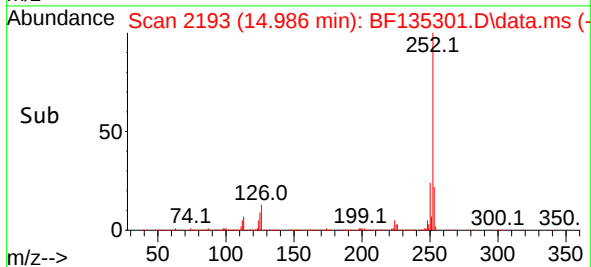
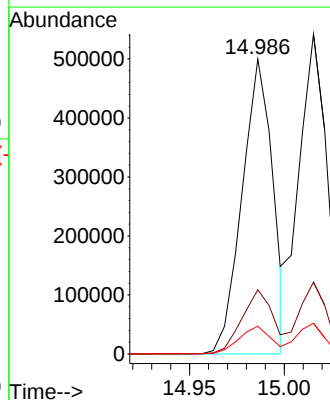
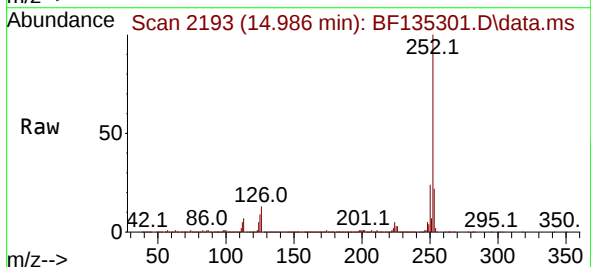
APPROVED

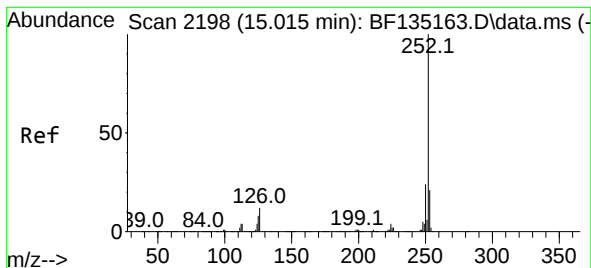
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#88
Benzo(b)fluoranthene
Concen: 48.686 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

Tgt Ion:252 Resp: 564738
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.866 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135301.D

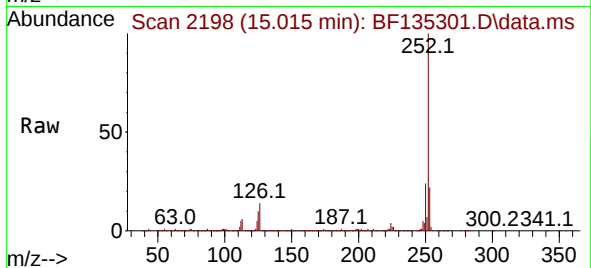
Acq: 18 Sep 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB155010BS



Tgt Ion:252 Resp: 559920

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

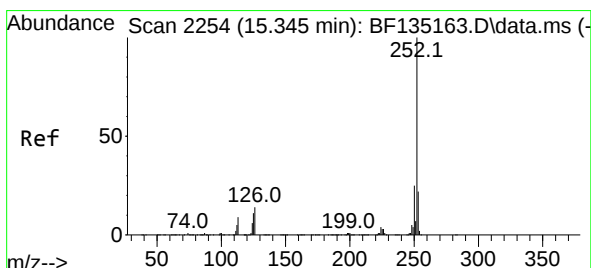
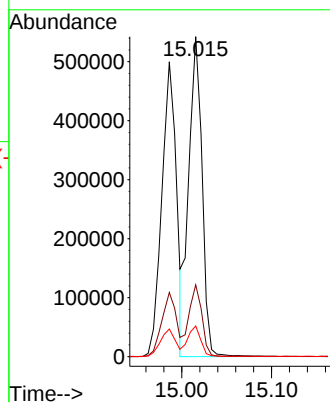
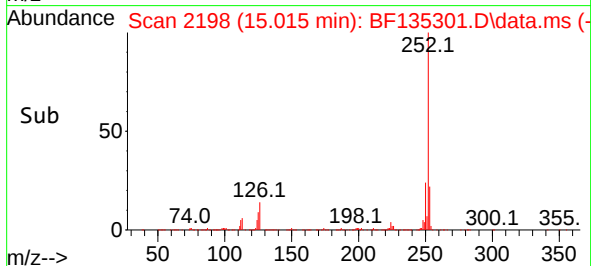
125 9.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#90

Benzo(a)pyrene

Concen: 46.754 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135301.D

Acq: 18 Sep 2023 12:16

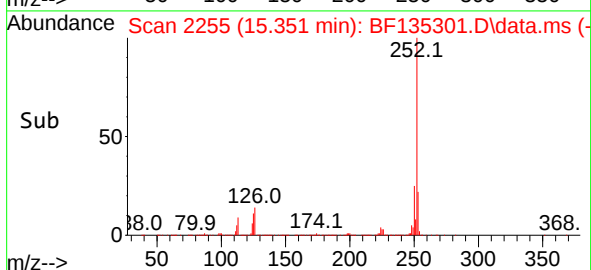
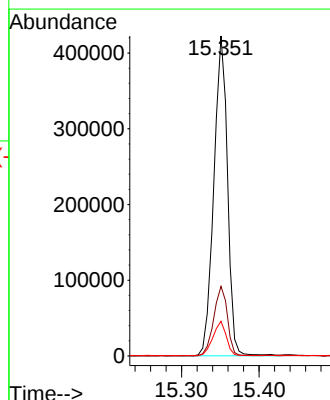
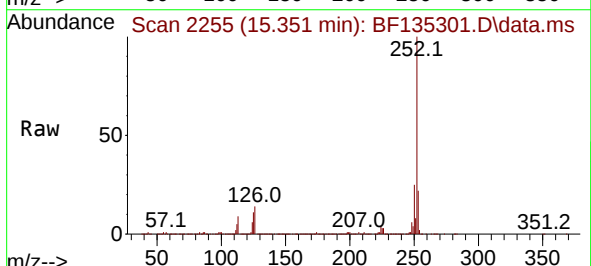
Tgt Ion:252 Resp: 517185

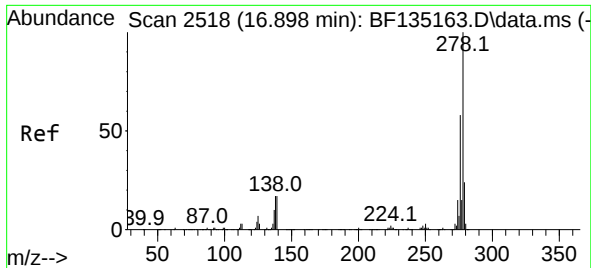
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

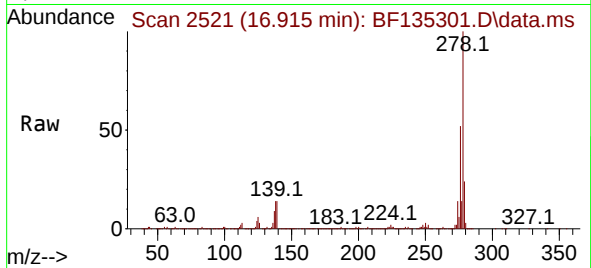
125 10.9 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 51.277 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16

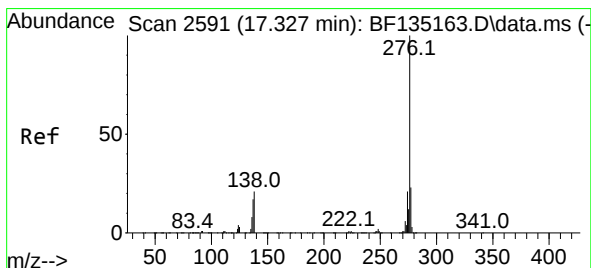
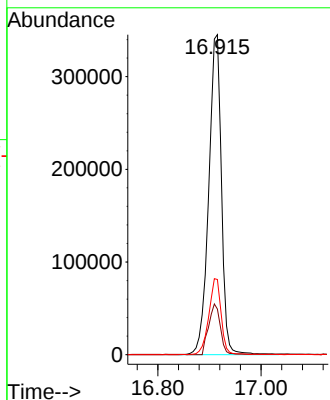
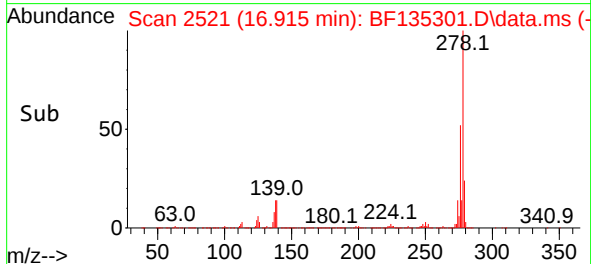
Instrument :
BNA_F
ClientSampleId :
PB155010BS



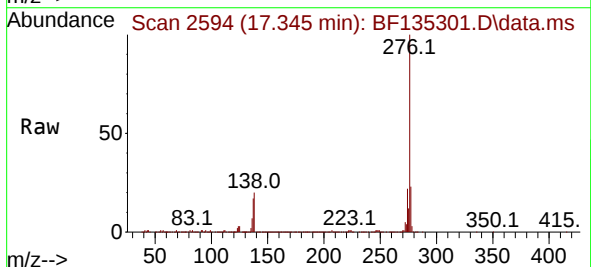
Tgt Ion:278 Resp: 589458
Ion Ratio Lower Upper
278 100
139 14.3 13.4 20.0
279 23.5 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 51.158 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135301.D
Acq: 18 Sep 2023 12:16



Tgt Ion:276 Resp: 614179
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 19.8 16.9 25.3

