

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135565.D
 Acq On : 04 Oct 2023 11:44
 Operator : CG\JU
 Sample : PB156015BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 04 13:06:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	141081	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	574228	20.000	ng	#-0.01
39) Acenaphthene-d10	9.774	164	283059	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	542125	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	303607	20.000	ng	0.00
86) Perylene-d12	15.386	264	281297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1024003	118.052	ng	0.00
7) Phenol-d6	6.392	99	1262062	114.424	ng	-0.01
23) Nitrobenzene-d5	7.310	82	812099	76.835	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	292534	103.997	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1353614	72.148	ng	-0.01
79) Terphenyl-d14	12.863	244	1424497	72.734	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	154071	40.517	ng	95
3) Pyridine	3.269	79	381328	37.260	ng	98
4) n-Nitrosodimethylamine	3.228	42	247196	45.517	ng	99
6) Aniline	6.410	93	392181	27.115	ng	# 58
8) 2-Chlorophenol	6.528	128	422344	45.611	ng	97
9) Benzaldehyde	6.298	77	112069	17.836	ng	97
10) Phenol	6.404	94	482553	39.898	ng	83
11) bis(2-Chloroethyl)ether	6.481	93	409916	45.184	ng	99
12) 1,3-Dichlorobenzene	6.675	146	409872	43.554	ng	99
13) 1,4-Dichlorobenzene	6.757	146	417992	43.658	ng	98
14) 1,2-Dichlorobenzene	6.904	146	391411	44.022	ng	99
15) Benzyl Alcohol	6.892	79	345115	43.604	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.016	45	745813	43.614	ng	82
17) 2-Methylphenol	7.004	107	324837	39.753	ng	96
18) Hexachloroethane	7.239	117	157735	44.588	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	265879	38.918	ng	94
20) 3+4-Methylphenols	7.163	107	394011	40.100	ng	# 72
22) Acetophenone	7.151	105	528756	40.276	ng	94
24) Nitrobenzene	7.328	77	439280	42.050	ng	97
25) Isophorone	7.563	82	804617	41.458	ng	98
26) 2-Nitrophenol	7.639	139	222261	44.329	ng	96
27) 2,4-Dimethylphenol	7.681	122	340626	40.417	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	497174	42.799	ng	99
29) 2,4-Dichlorophenol	7.886	162	327698	41.963	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	345949	42.383	ng	99
31) Naphthalene	8.039	128	1159543	41.561	ng	99
32) Benzoic acid	7.828	122	264536	41.685	ng	98
33) 4-Chloroaniline	8.098	127	335676	27.422	ng	98
34) Hexachlorobutadiene	8.151	225	191837	38.977	ng	99
35) Caprolactam	8.475	113	120857m	46.113	ng	
36) 4-Chloro-3-methylphenol	8.592	107	357588	41.200	ng	96
37) 2-Methylnaphthalene	8.733	142	718599	38.316	ng	98
38) 1-Methylnaphthalene	8.828	142	680464	38.754	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	338735	41.307	ng	99
41) Hexachlorocyclopentadiene	8.880	237	155338	46.406	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	222709	41.479	ng	97

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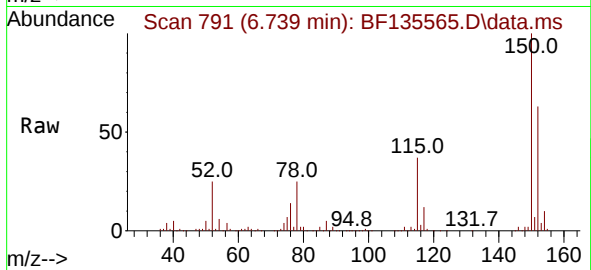
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	232655	37.627	ng	99
46) 1,1'-Biphenyl	9.198	154	887567	40.803	ng	99
47) 2-Chloronaphthalene	9.222	162	675531	42.802	ng	99
48) 2-Nitroaniline	9.333	65	269235	43.910	ng	96
49) Acenaphthylene	9.639	152	1058578	40.358	ng	100
50) Dimethylphthalate	9.504	163	781866	40.855	ng	99
51) 2,6-Dinitrotoluene	9.575	165	174793	41.693	ng	89
52) Acenaphthene	9.810	154	637606	41.149	ng	97
53) 3-Nitroaniline	9.745	138	163673	33.259	ng	98
54) 2,4-Dinitrophenol	9.863	184	178527	75.400	ng	91
55) Dibenzofuran	9.986	168	909059	38.445	ng	100
56) 4-Nitrophenol	9.927	139	222896	71.266	ng	96
57) 2,4-Dinitrotoluene	9.986	165	203693	38.809	ng	# 90
58) Fluorene	10.327	166	735299	40.451	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.110	232	193530	40.688	ng	99
60) Diethylphthalate	10.210	149	774742	40.338	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	335152	38.382	ng	94
62) 4-Nitroaniline	10.369	138	203561m	43.032	ng	
63) Azobenzene	10.480	77	800805	42.602	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	125489	43.582	ng	97
66) n-Nitrosodiphenylamine	10.445	169	670992	40.883	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	216061	40.072	ng	95
68) Hexachlorobenzene	10.874	284	234719	42.730	ng	# 89
69) Atrazine	10.980	200	209385	47.413	ng	98
70) Pentachlorophenol	11.080	266	178817	54.410	ng	99
71) Phenanthrene	11.292	178	1076998	42.004	ng	99
72) Anthracene	11.345	178	1098206	41.669	ng	100
73) Carbazole	11.510	167	1088274	45.360	ng	99
74) Di-n-butylphthalate	11.839	149	1242425	43.947	ng	100
75) Fluoranthene	12.492	202	1180233	44.176	ng	100
77) Benzidine	12.615	184	262022	42.126	ng	99
78) Pyrene	12.721	202	1193865	41.302	ng	100
80) Butylbenzylphthalate	13.345	149	495764	48.713	ng	96
81) Benzo(a)anthracene	13.915	228	847079	43.208	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	243453	39.756	ng	# 98
83) Chrysene	13.957	228	816729	41.902	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	582192	55.746	ng	99
85) Di-n-octyl phthalate	14.521	149	841375	50.695	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	851863	46.187	ng	96
88) Benzo(b)fluoranthene	14.962	252	722746	47.463	ng	# 97
89) Benzo(k)fluoranthene	14.992	252	630899	41.942	ng	# 98
90) Benzo(a)pyrene	15.327	252	618037	42.560	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	704107	46.658	ng	97
92) Benzo(g,h,i)perylene	17.315	276	732840	46.499	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

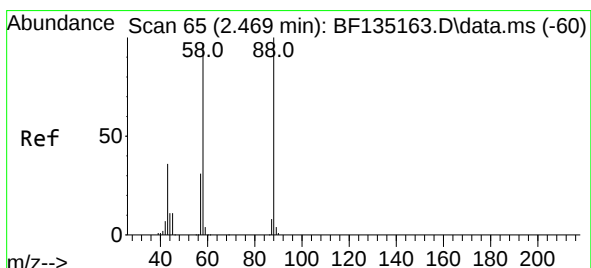
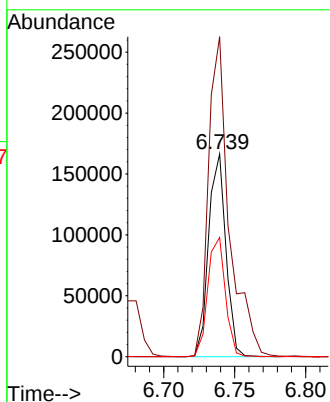
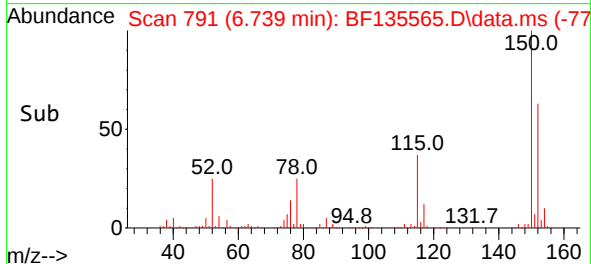
Instrument :
BNA_F
ClientSampleId :
PB156015BS



Tgt Ion:152 Resp: 14108
Ion Ratio Lower Upper
152 100
150 157.9 127.8 191.6
115 58.8 49.8 74.8

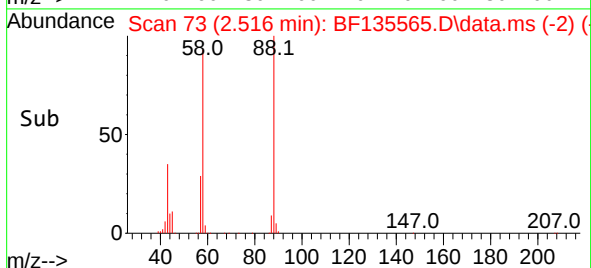
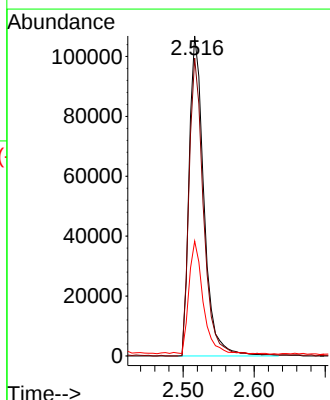
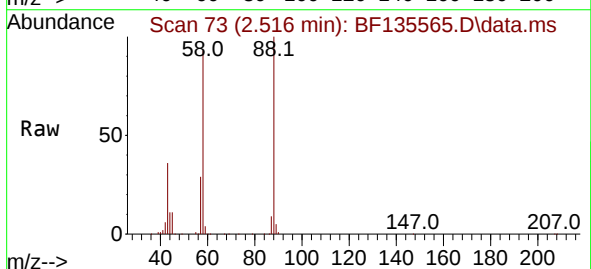
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#2
1,4-Dioxane
Concen: 40.517 ng
RT: 2.516 min Scan# 73
Delta R.T. 0.070 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

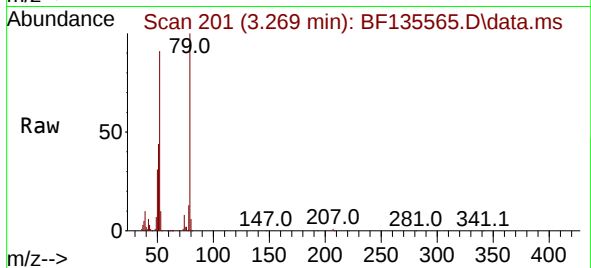
Tgt Ion: 88 Resp: 154071
Ion Ratio Lower Upper
88 100
58 92.0 78.3 117.5
43 34.4 29.4 44.0





#3
Pyridine
Concen: 37.260 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.071 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

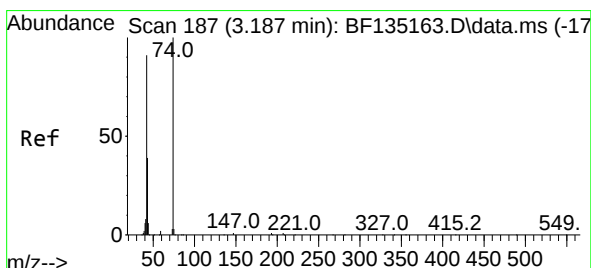
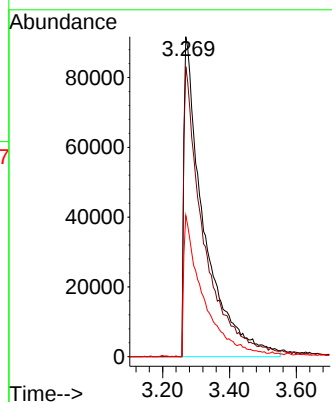
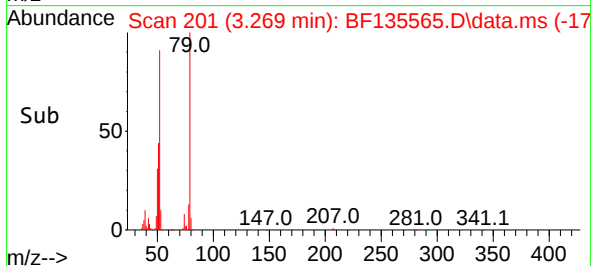
Instrument :
BNA_F
ClientSampleId :
PB156015BS



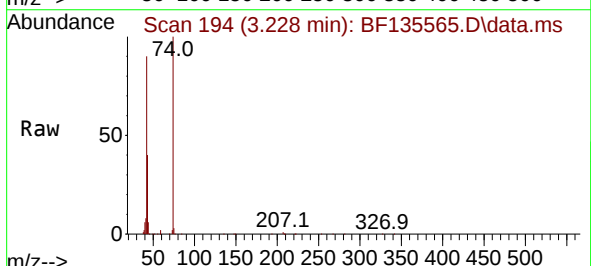
Tgt Ion: 79 Resp: 381328
Ion Ratio Lower Upper
79 100
52 90.7 74.1 111.1
51 44.1 35.8 53.8

Manual Integrations
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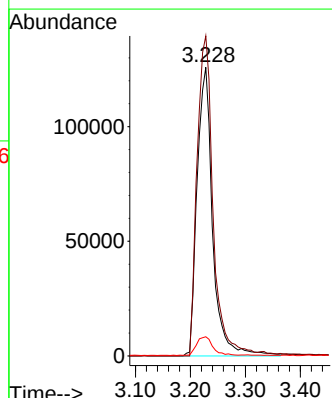
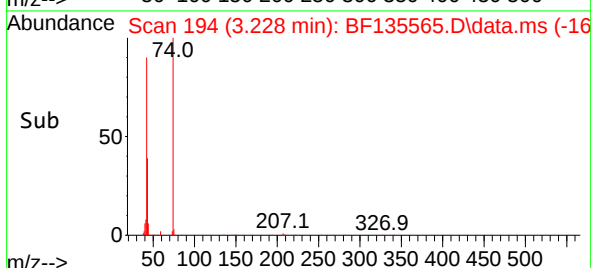
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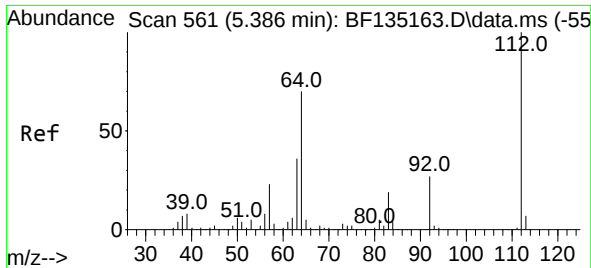


#4
n-Nitrosodimethylamine
Concen: 45.517 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.059 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion: 42 Resp: 247196
Ion Ratio Lower Upper
42 100
74 110.9 87.7 131.5
44 6.6 5.6 8.4





#5
2-Fluorophenol
Concen: 118.052 ng
RT: 5.381 min Scan# 500
Delta R.T. -0.000 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

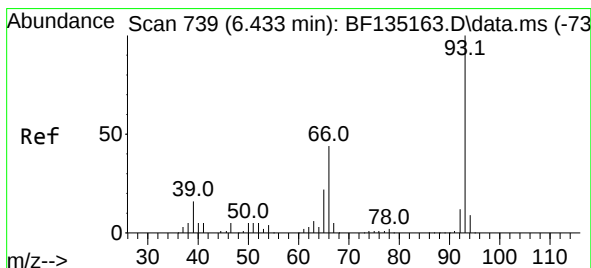
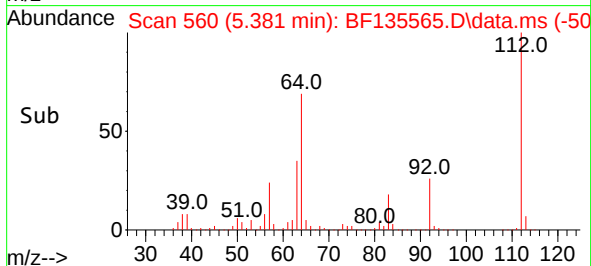
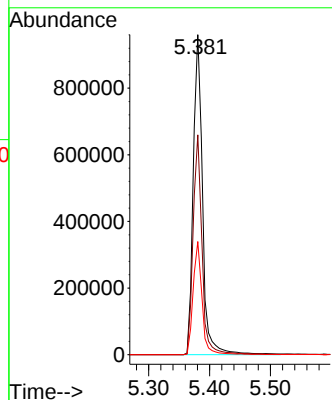
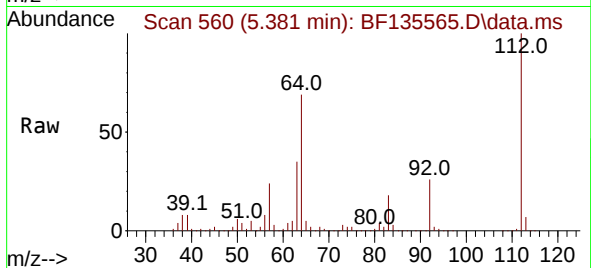
ClientSampleId :

PB156015BS

Tgt Ion:112 Resp: 1024000
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 35.4 29.0 43.6

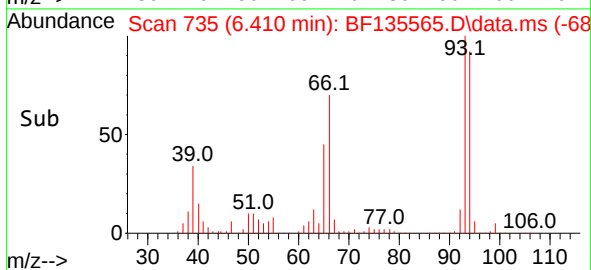
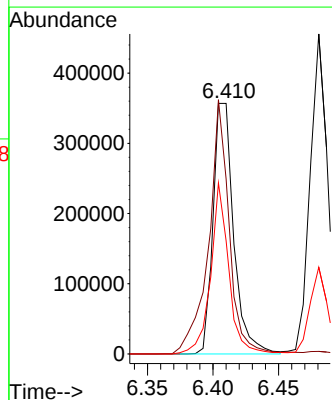
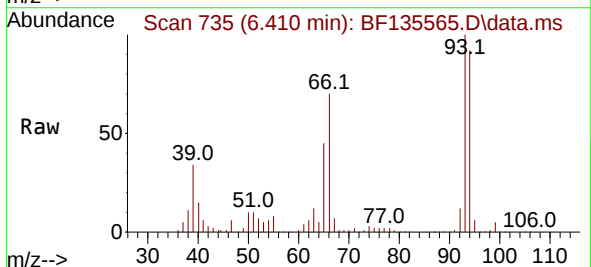
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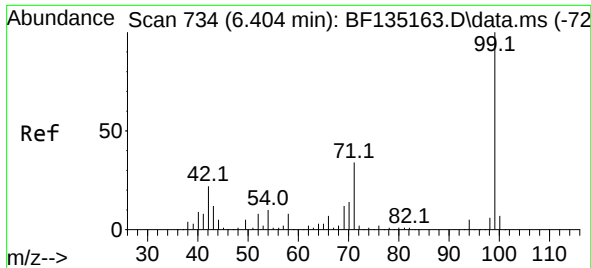
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#6
Aniline
Concen: 27.115 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion: 93 Resp: 392181
Ion Ratio Lower Upper
93 100
66 69.8 35.4 53.0#
65 45.2 17.8 26.8#





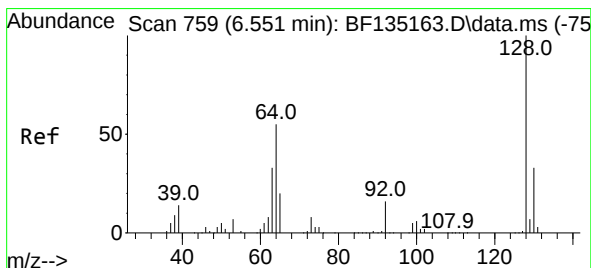
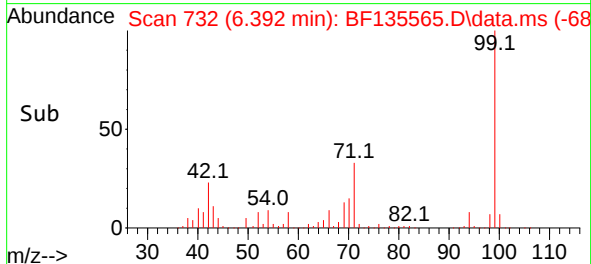
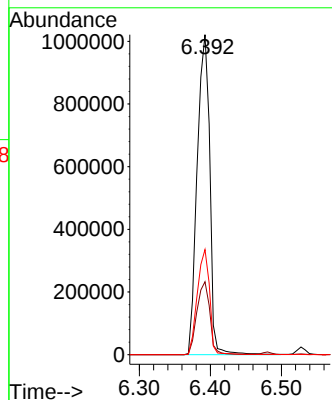
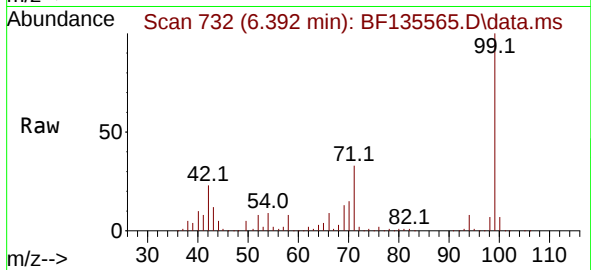
#7
Phenol-d6
Concen: 114.424 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB156015BS

Tgt Ion: 99 Resp: 126206
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 32.8 27.0 40.6

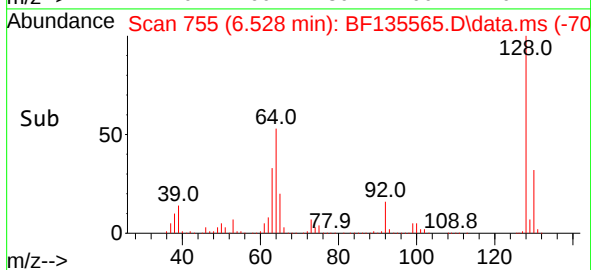
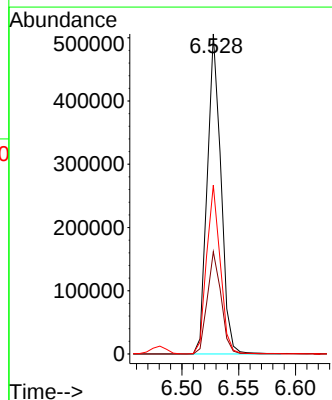
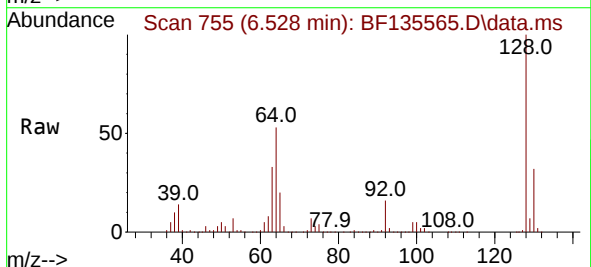
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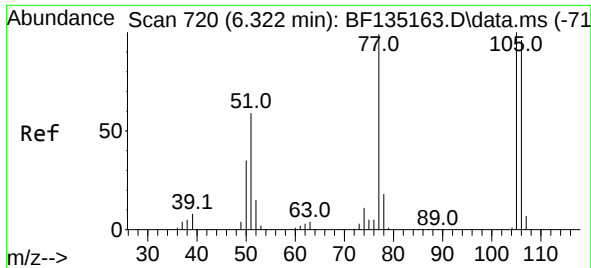
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#8
2-Chlorophenol
Concen: 45.611 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:128 Resp: 422344
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 52.8 35.9 75.9





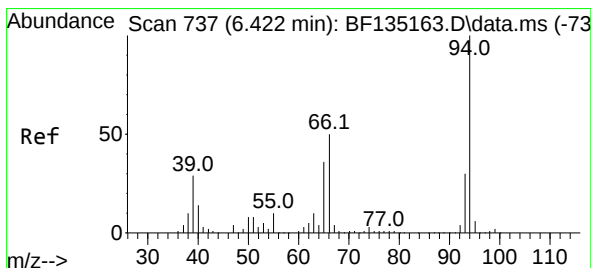
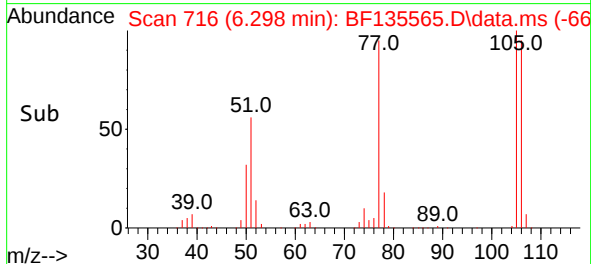
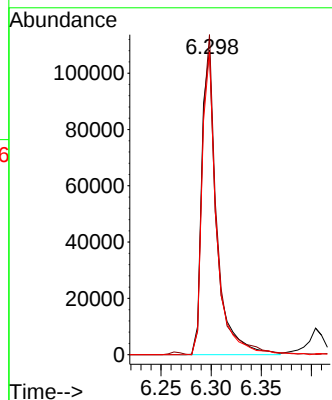
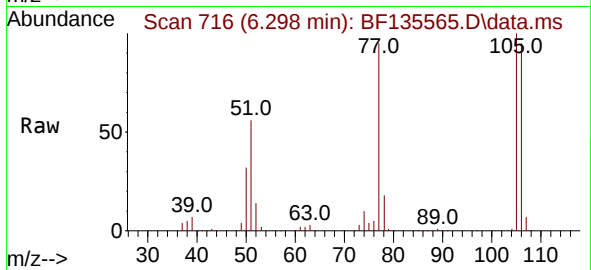
#9
Benzaldehyde
Concen: 17.836 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB156015BS

Tgt Ion: 77 Resp: 112069
Ion Ratio Lower Upper
77 100
105 105.0 81.4 121.4
106 99.4 76.9 116.9

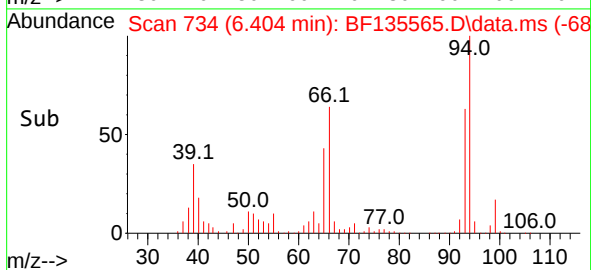
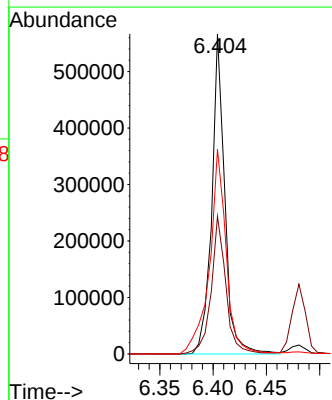
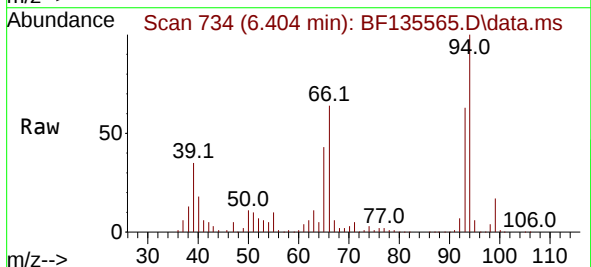
Manual Integrations
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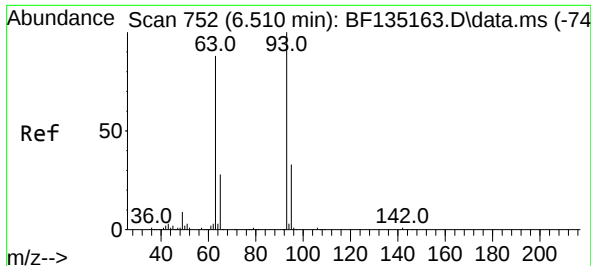
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#10
Phenol
Concen: 39.898 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

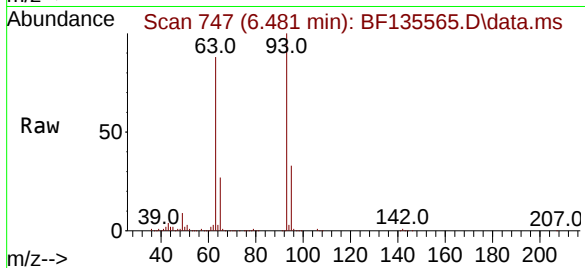
Tgt Ion: 94 Resp: 482553
Ion Ratio Lower Upper
94 100
65 43.0 15.9 55.9
66 63.9 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 45.184 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

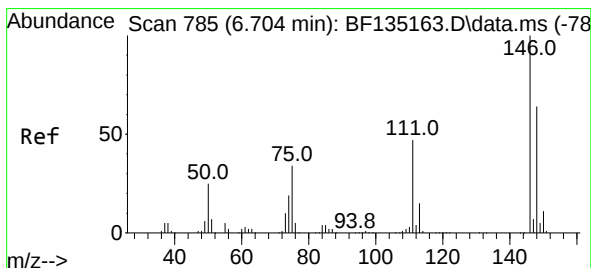
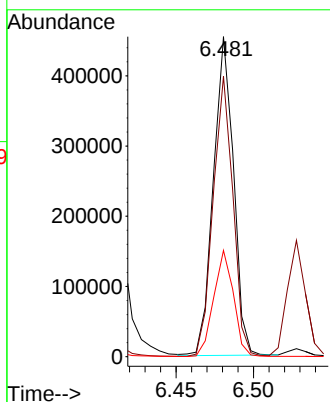
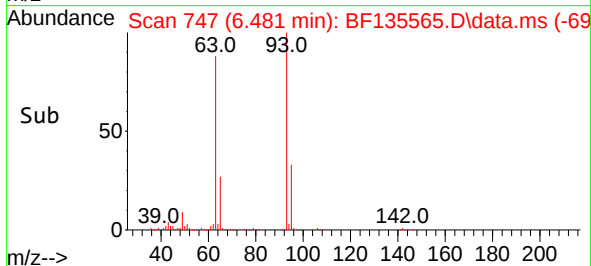
Instrument :
BNA_F
ClientSampleId :
PB156015BS



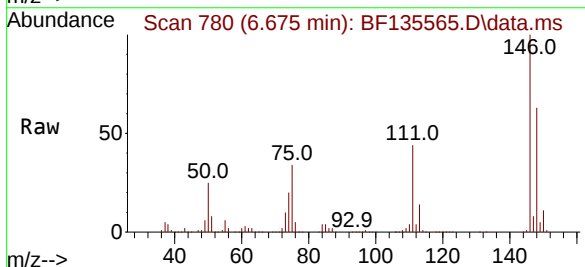
Tgt Ion: 93 Resp: 409910
Ion Ratio Lower Upper
93 100
63 87.7 67.3 107.3
95 33.2 12.7 52.7

Manual Integrations
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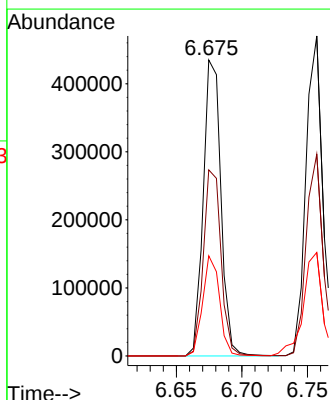
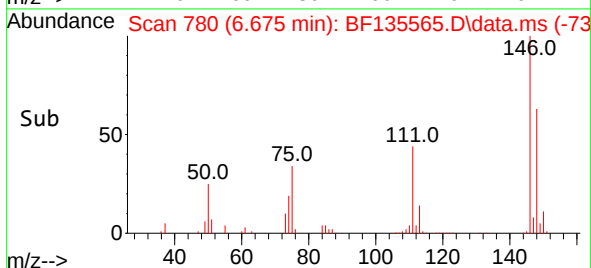
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#12
1,3-Dichlorobenzene
Concen: 43.554 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion:146 Resp: 409872
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 33.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.658 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:146 Resp: 417992

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

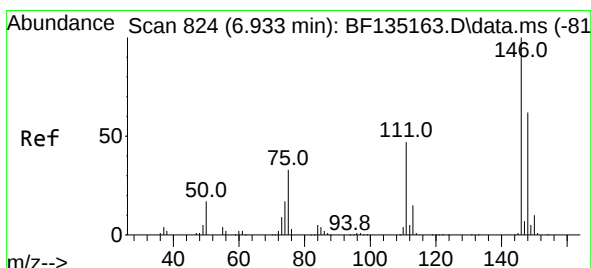
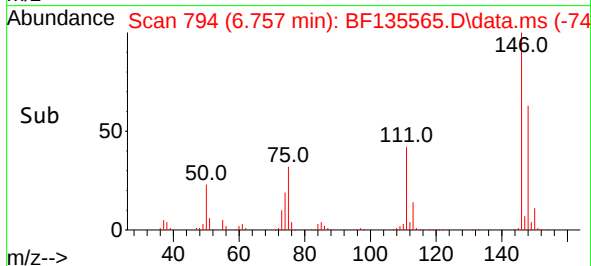
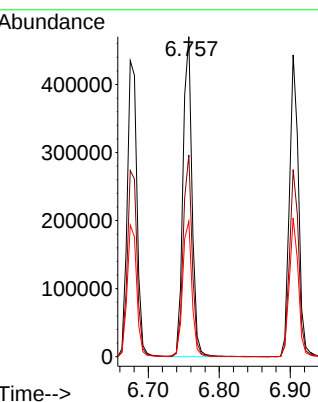
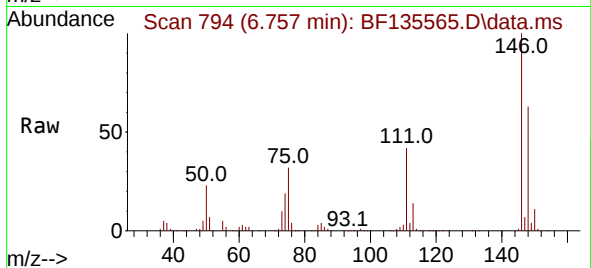
111 42.3 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#14

1,2-Dichlorobenzene

Concen: 44.022 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

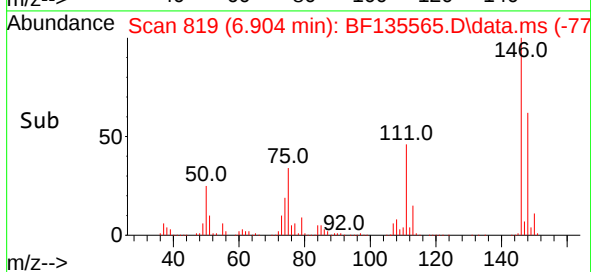
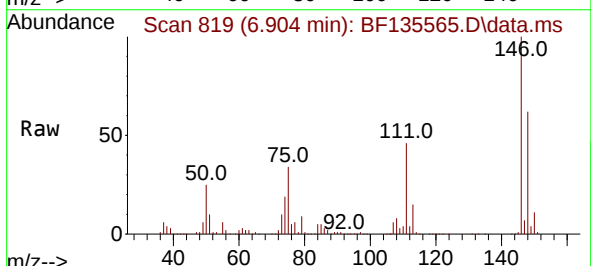
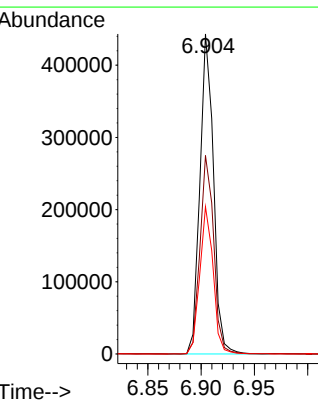
Tgt Ion:146 Resp: 391411

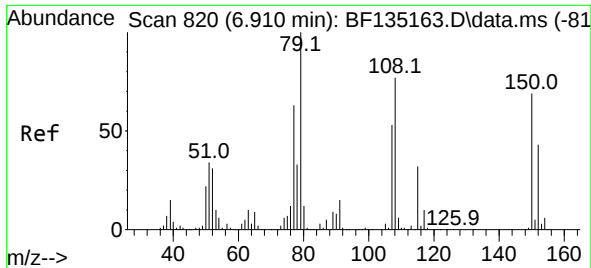
Ion Ratio Lower Upper

146 100

148 62.0 49.7 74.5

111 46.0 37.4 56.2





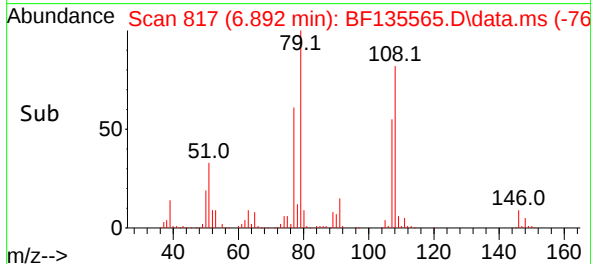
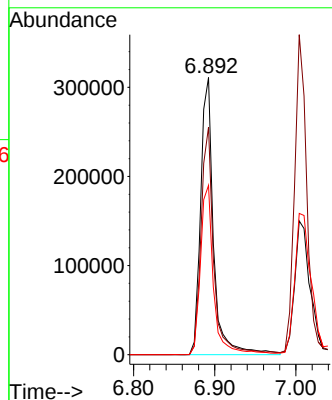
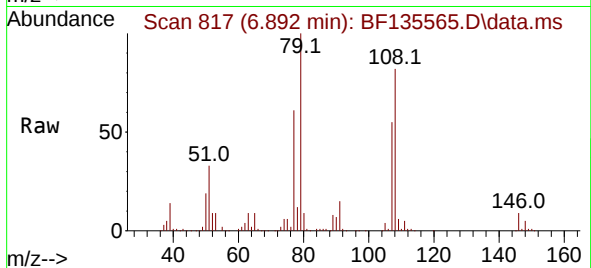
#15
Benzyl Alcohol
Concen: 43.604 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB156015BS

Tgt Ion: 79 Resp: 34511
Ion Ratio Lower Upper
79 100
108 82.1 61.2 91.8
77 61.1 50.5 75.7

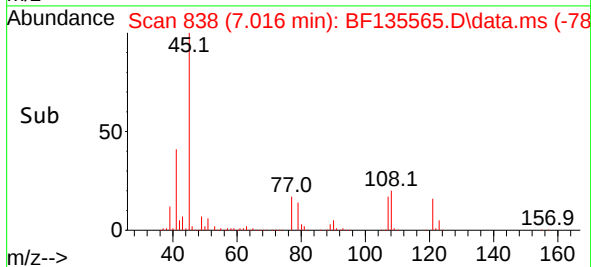
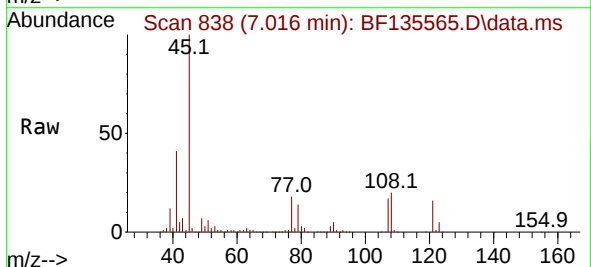
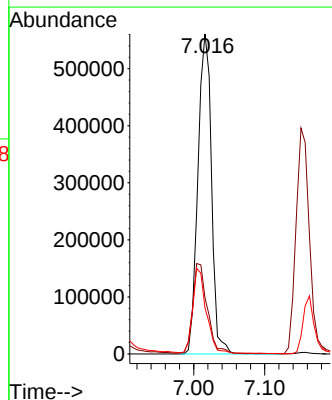
Manual Integrations
APPROVED

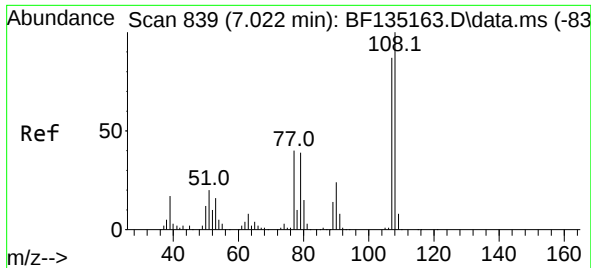
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.614 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion: 45 Resp: 745813
Ion Ratio Lower Upper
45 100
77 17.5 0.0 30.6
79 14.4 0.0 28.3





#17
2-Methylphenol
Concen: 39.753 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

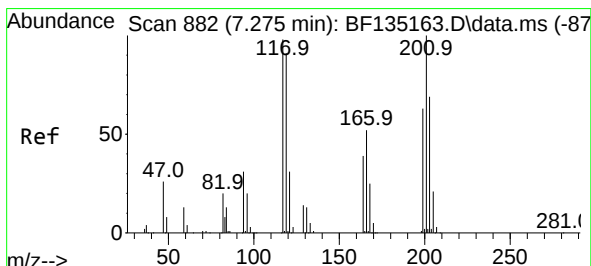
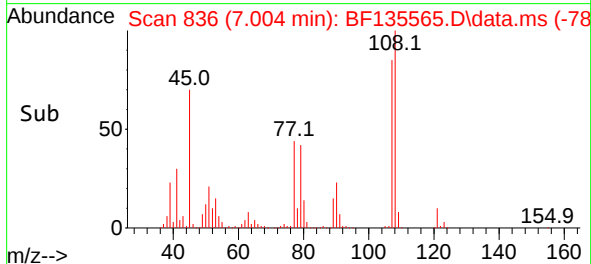
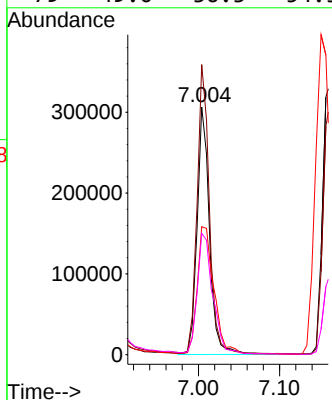
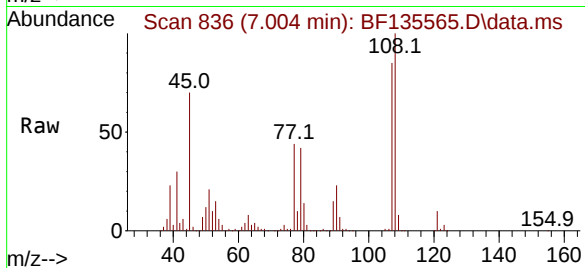
ClientSampleId :

PB156015BS

Tgt Ion:107 Resp: 32483
Ion Ratio Lower Upper
107 100
108 117.1 92.0 138.0
77 51.7 36.7 55.1
79 49.0 36.3 54.5

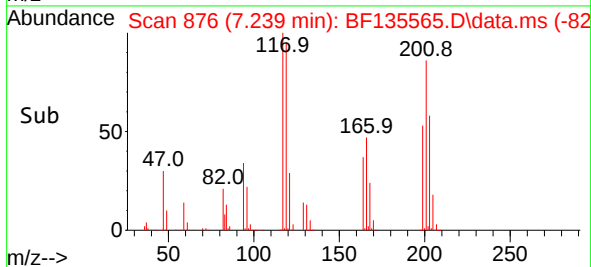
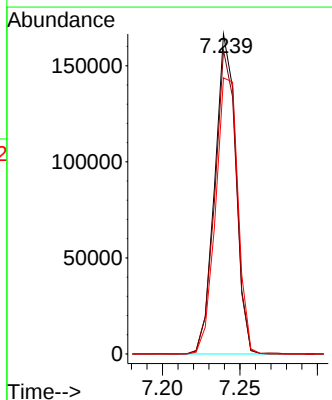
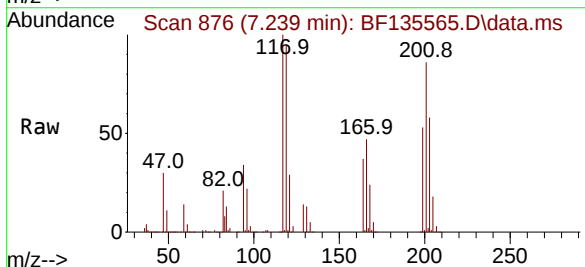
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#18
Hexachloroethane
Concen: 44.588 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:117 Resp: 157735
Ion Ratio Lower Upper
117 100
119 94.9 74.7 112.1
201 86.3 81.8 122.8





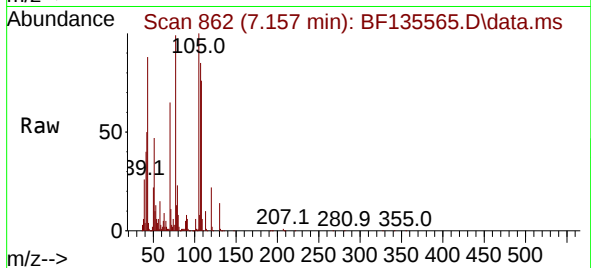
#19
n-Nitroso-di-n-propylamine
Concen: 38.918 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

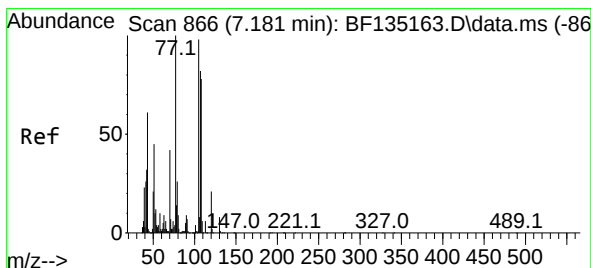
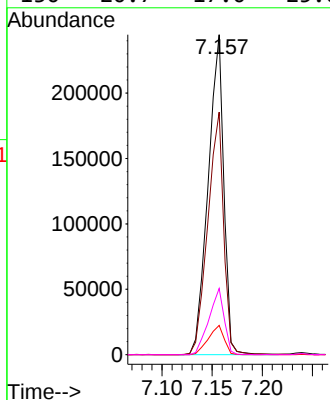
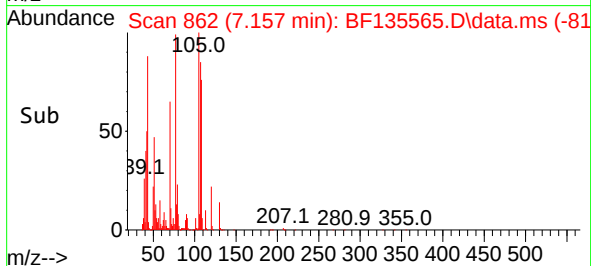


Tgt Ion: 70 Resp: 265879
Ion Ratio Lower Upper
70 100
42 75.8 55.4 83.0
101 9.1 7.7 11.5
130 20.7 17.0 25.6

Manual Integrations

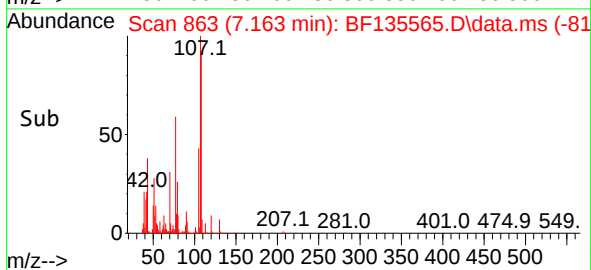
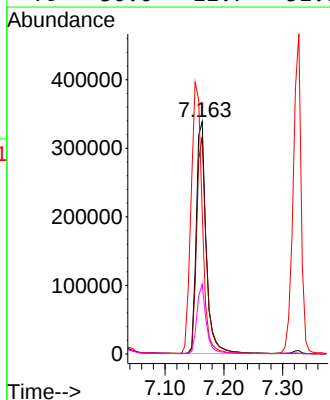
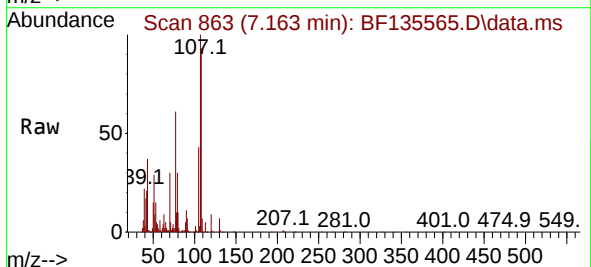
APPROVED

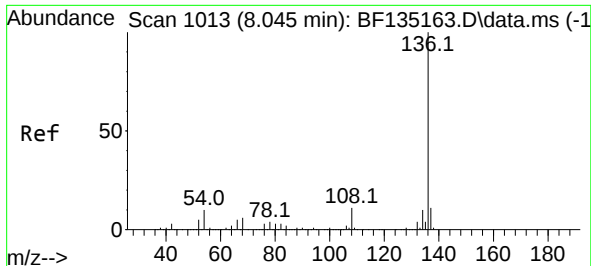
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#20
3+4-Methylphenols
Concen: 40.100 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

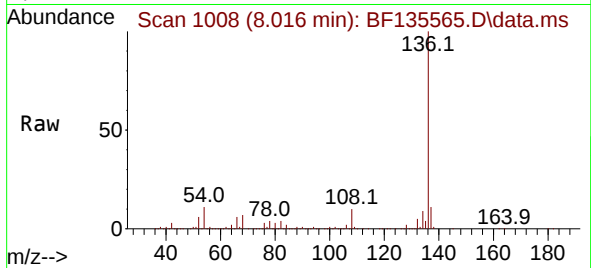
Tgt Ion:107 Resp: 394011
Ion Ratio Lower Upper
107 100
108 93.4 74.7 114.7
77 60.9 102.0 142.0#
79 30.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

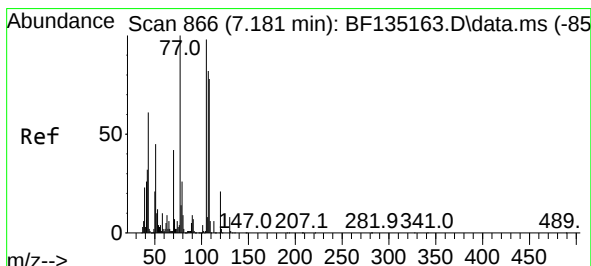
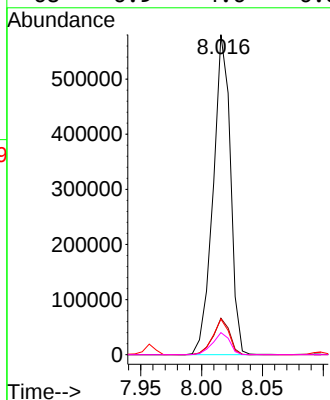
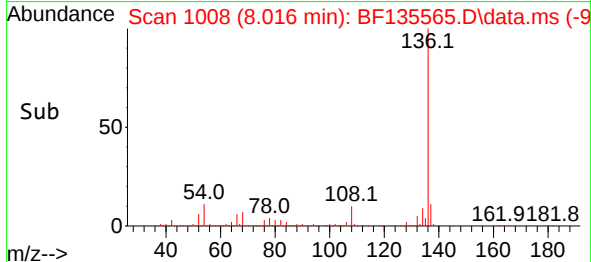
Instrument :
BNA_F
ClientSampleId :
PB156015BS



Tgt Ion:136 Resp: 574228
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.1 7.7 11.5
68 6.9 4.6 6.8#

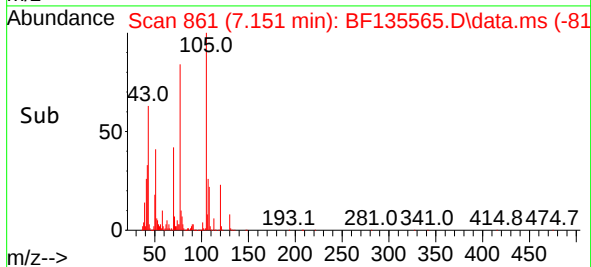
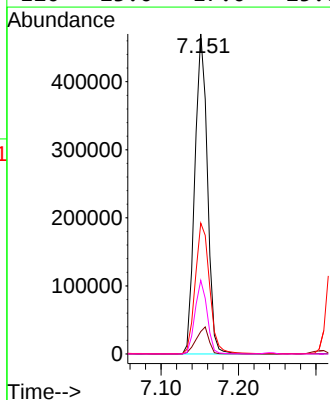
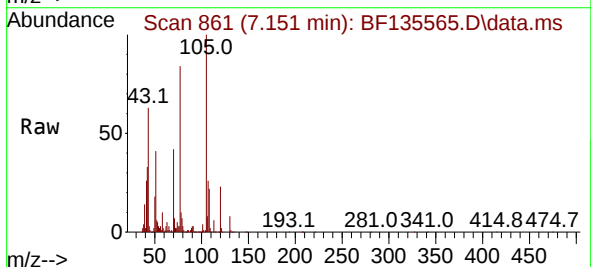
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#22
Acetophenone
Concen: 40.276 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:105 Resp: 528756
Ion Ratio Lower Upper
105 100
71 7.0 5.8 8.6
51 40.9 37.0 55.4
120 23.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.835 ng

RT: 7.310 min Scan# 810

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

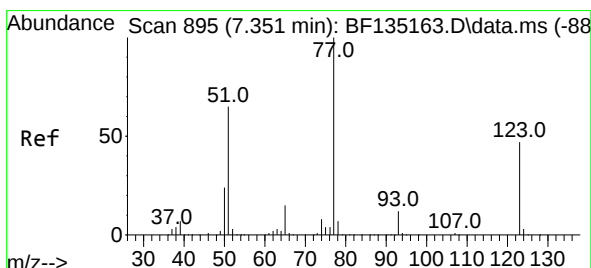
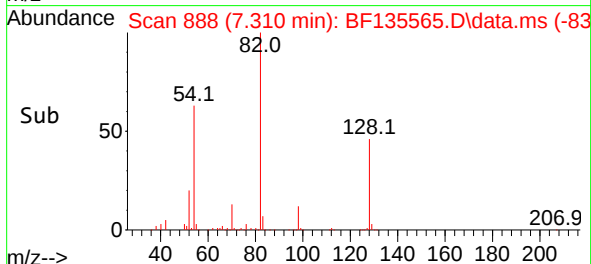
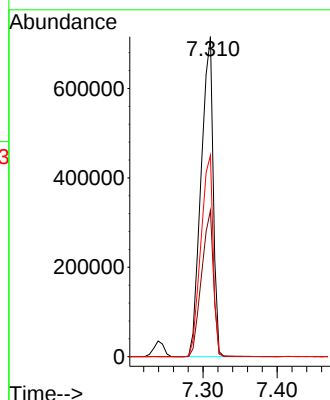
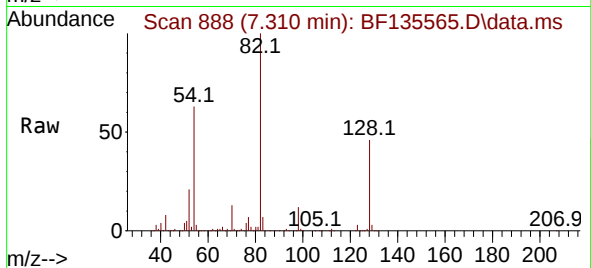
ClientSampleId :

PB156015BS

Tgt Ion: 82 Resp: 812099
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.8 53.6
 54 63.0 50.6 76.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023



#24

Nitrobenzene

Concen: 42.050 ng

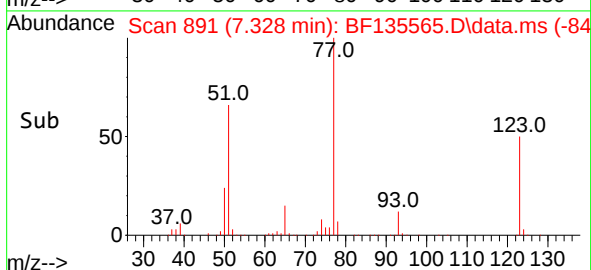
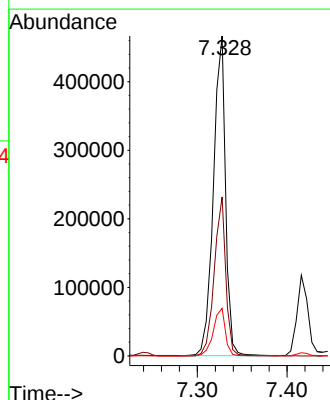
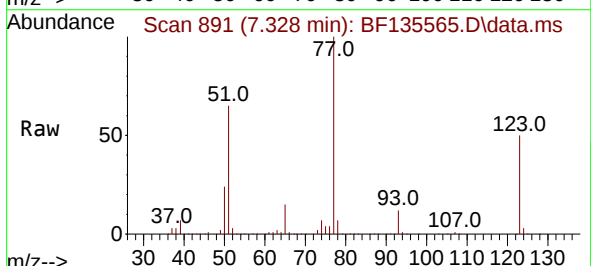
RT: 7.328 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Tgt Ion: 77 Resp: 439280
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.6 56.4
 65 14.9 12.2 18.4





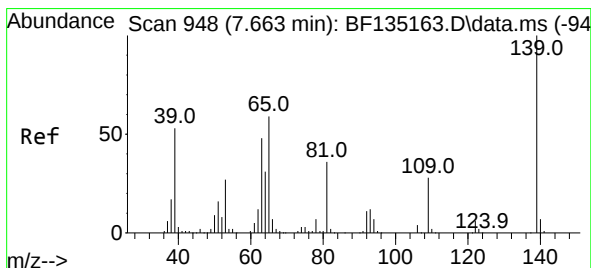
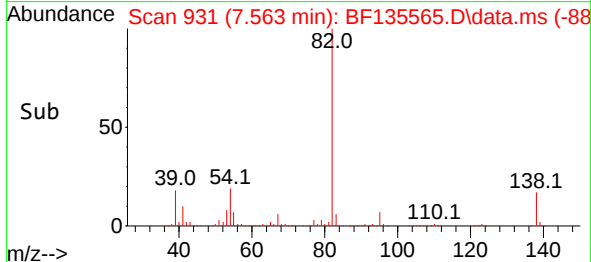
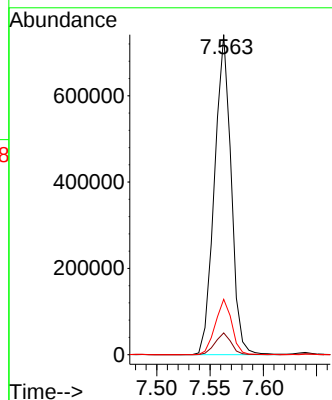
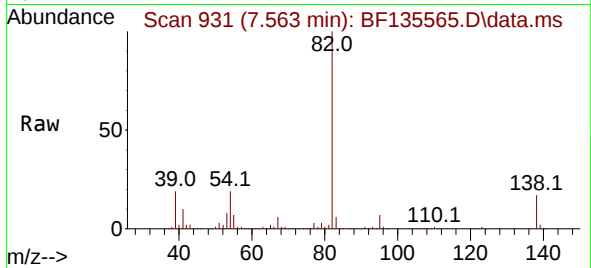
#25
Isophorone
Concen: 41.458 ng
RT: 7.563 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB156015BS

Tgt Ion: 82 Resp: 80461
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.3 14.5 21.7

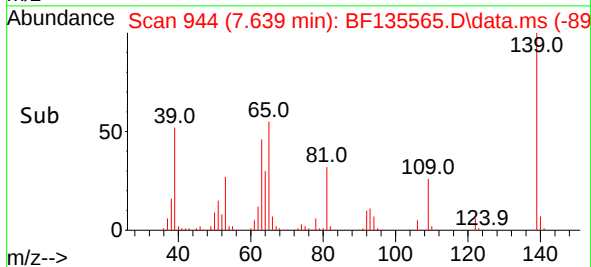
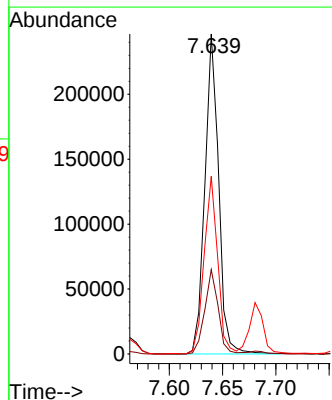
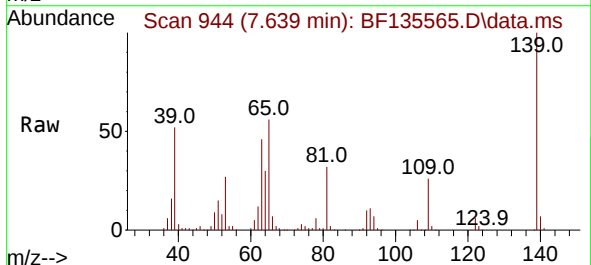
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#26
2-Nitrophenol
Concen: 44.329 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:139 Resp: 222261
Ion Ratio Lower Upper
139 100
109 26.3 22.6 33.8
65 55.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.417 ng

RT: 7.681 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:122 Resp: 340620

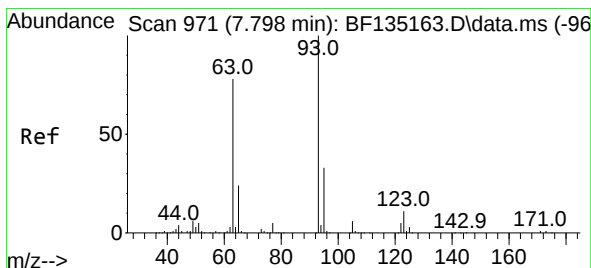
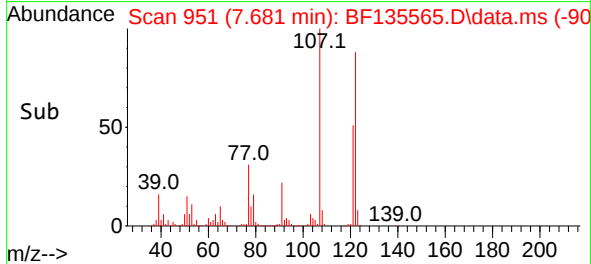
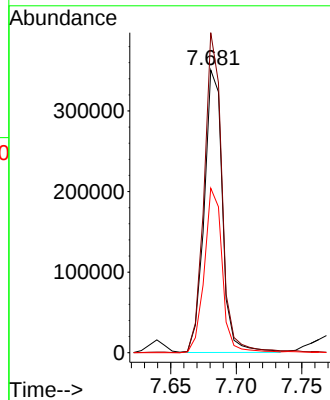
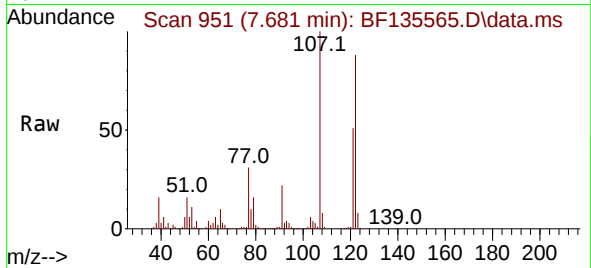
Ion	Ratio	Lower	Upper
122	100		
107	113.2	90.2	135.4
121	58.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.799 ng

RT: 7.775 min Scan# 967

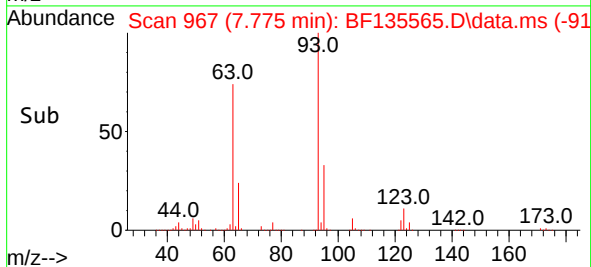
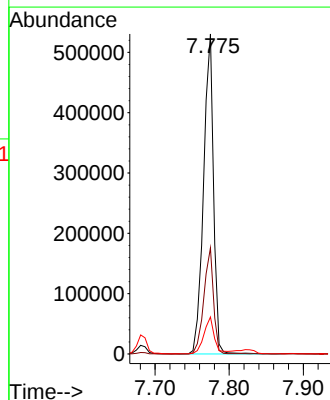
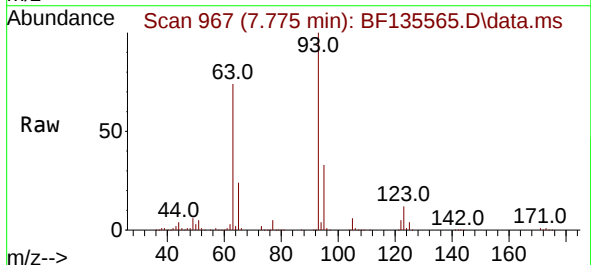
Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Tgt Ion: 93 Resp: 497174

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.6	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 41.963 ng

RT: 7.886 min Scan# 990

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

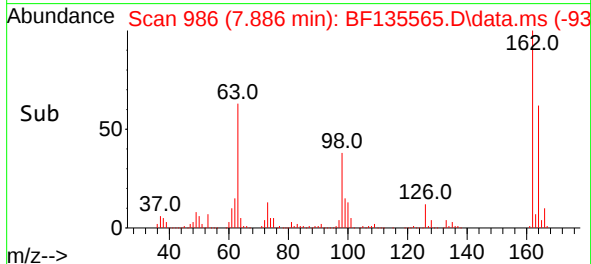
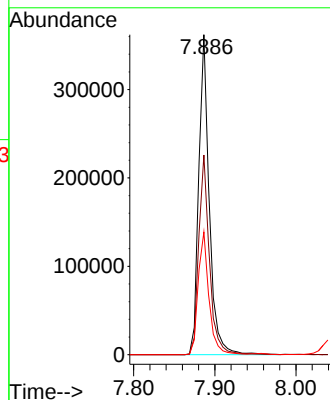
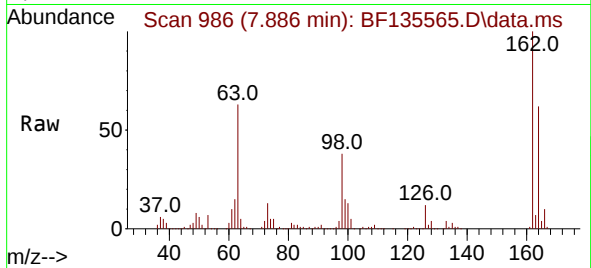
Tgt Ion:162 Resp: 327698
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.1 84.1
 98 38.4 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.383 ng

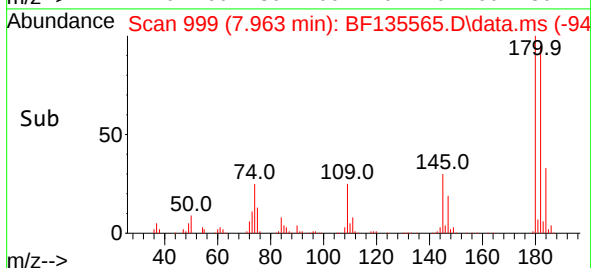
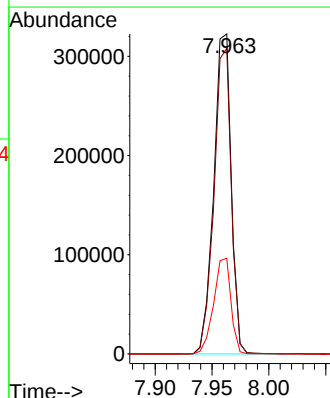
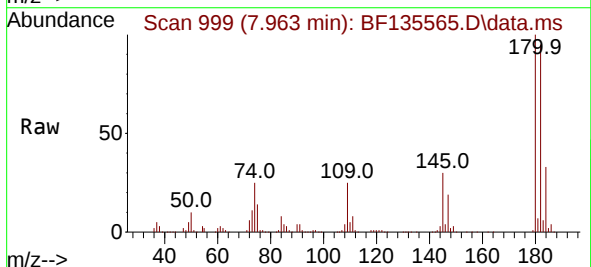
RT: 7.963 min Scan# 999

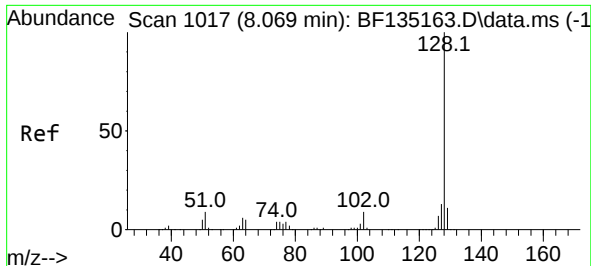
Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Tgt Ion:180 Resp: 345949
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 145 29.9 24.5 36.7





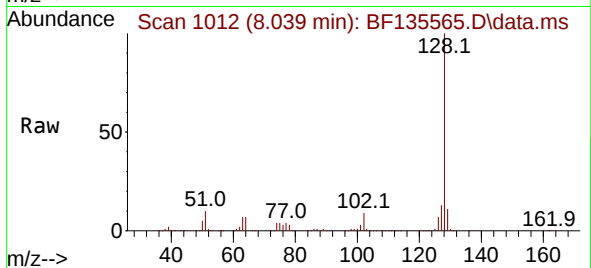
#31
Naphthalene
Concen: 41.561 ng
RT: 8.039 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

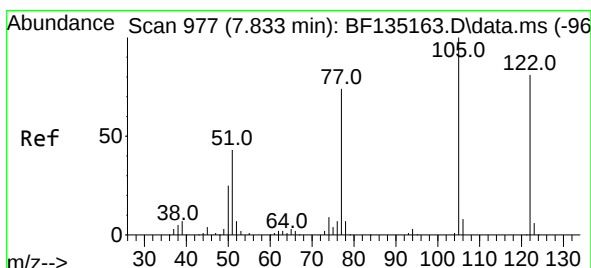
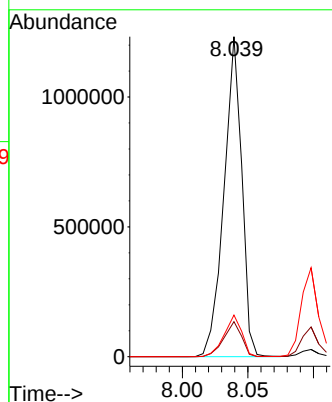
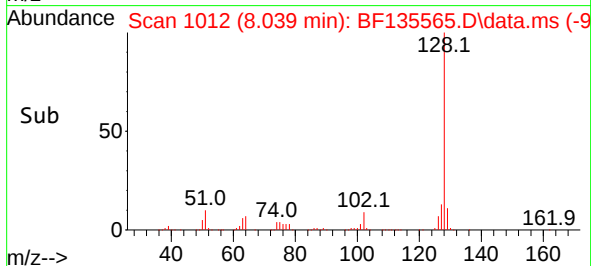


Tgt Ion:128 Resp: 115954
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.7 16.1

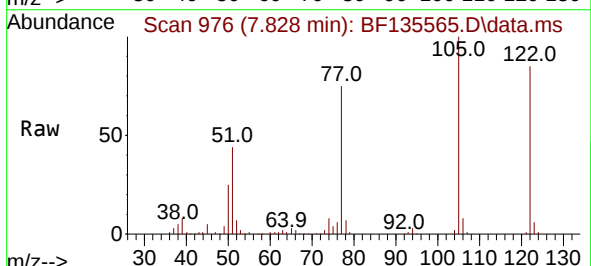
Manual Integrations

APPROVED

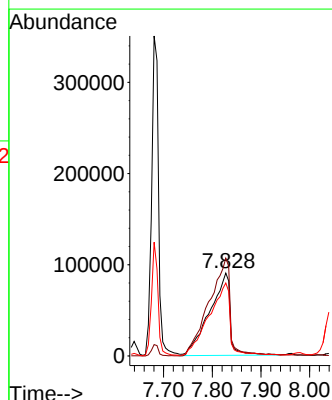
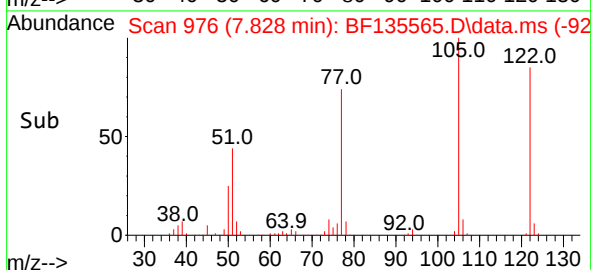
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

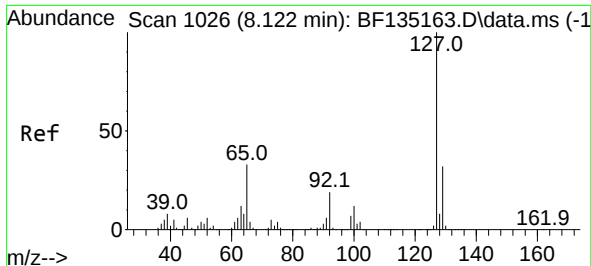


#32
Benzoic acid
Concen: 41.685 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion:122 Resp: 264536
Ion Ratio Lower Upper
122 100
105 117.9 99.9 139.9
77 88.0 70.0 110.0





#33

4-Chloroaniline

Concen: 27.422 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

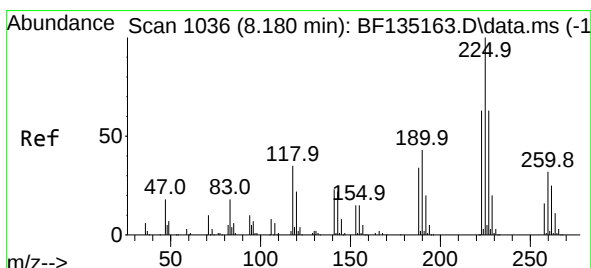
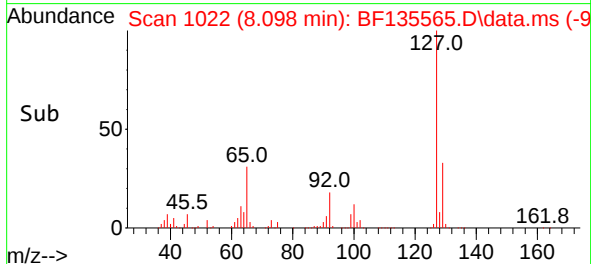
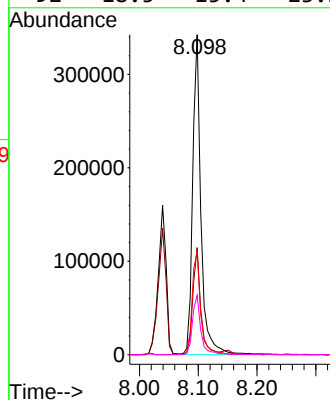
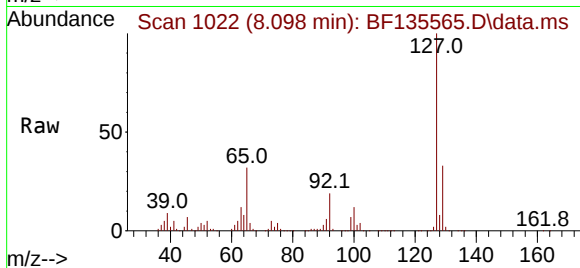
Tgt Ion:	127	Resp:	335670
Ion Ratio	Lower	Upper	
127	100		
129	33.4	25.8	38.8
65	32.2	26.6	39.8
92	18.5	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#34

Hexachlorobutadiene

Concen: 38.977 ng

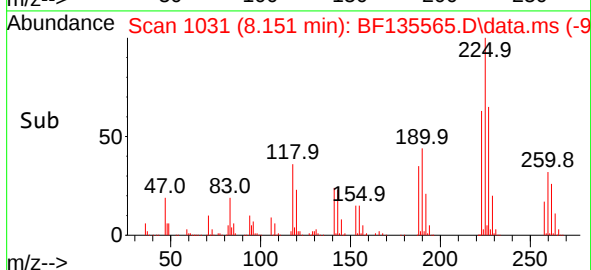
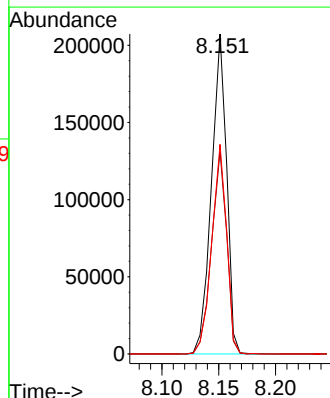
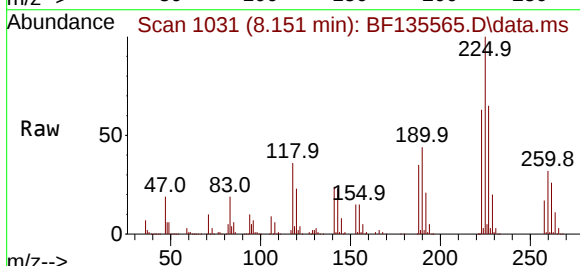
RT: 8.151 min Scan# 1031

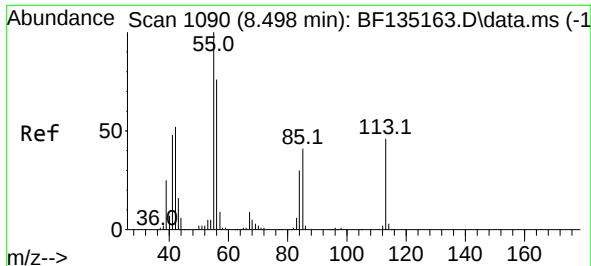
Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

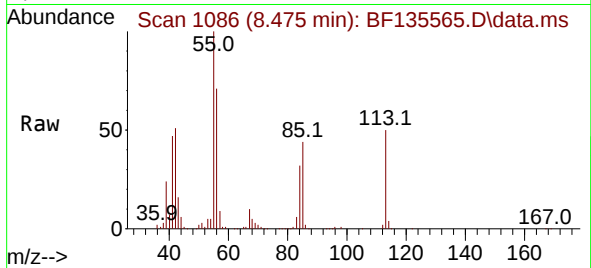
Tgt Ion:	225	Resp:	191837
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	75.8
227	65.5	50.8	76.2





#35
Caprolactam
Concen: 46.113 ng m
RT: 8.475 min Scan# 1106
Delta R.T. -0.018 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

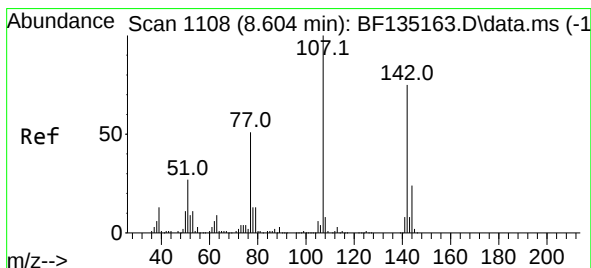
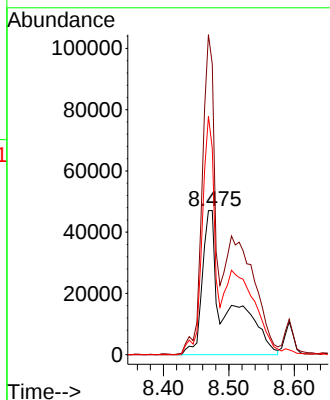
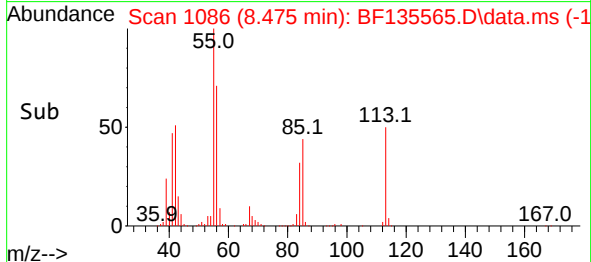
Instrument :
BNA_F
ClientSampleId :
PB156015BS



Tgt Ion:113 Resp: 12085
Ion Ratio Lower Upper
113 100
55 201.6 199.3 239.3
56 143.1 146.3 186.3

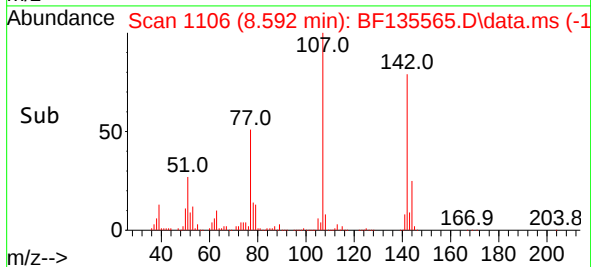
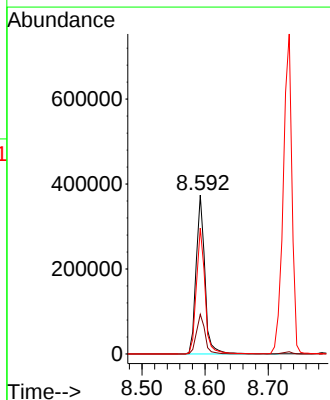
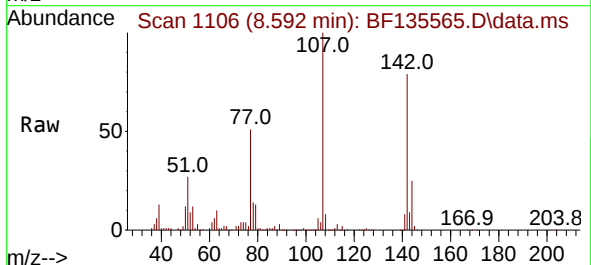
Manual Integrations
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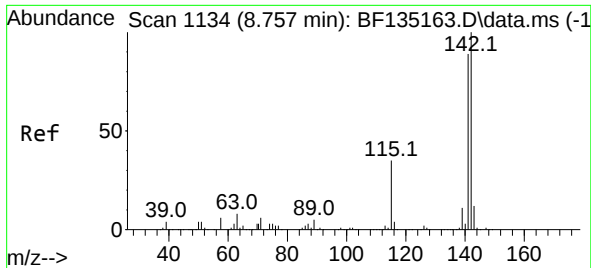
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#36
4-Chloro-3-methylphenol
Concen: 41.200 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:107 Resp: 357588
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 79.3 60.2 90.2





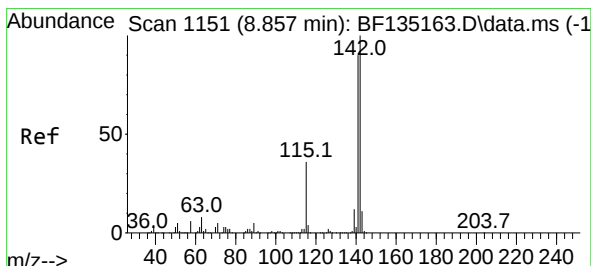
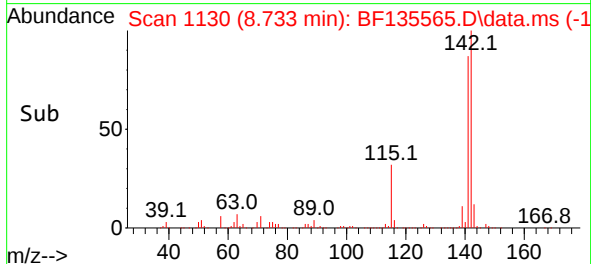
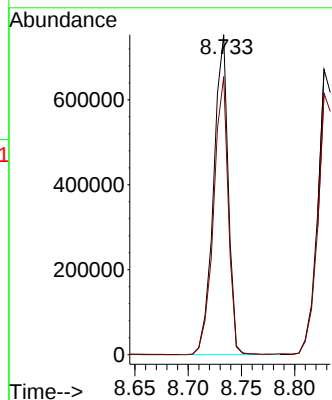
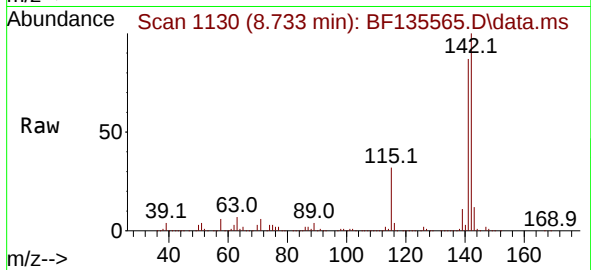
#37
2-Methylnaphthalene
Concen: 38.316 ng
RT: 8.733 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB156015BS

Tgt Ion:142 Resp: 718599
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.6

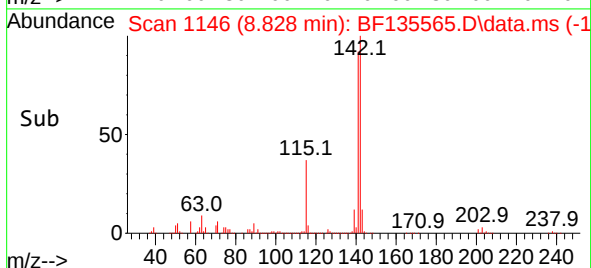
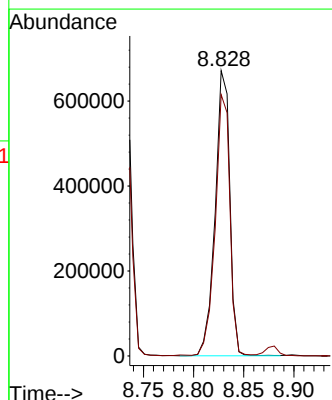
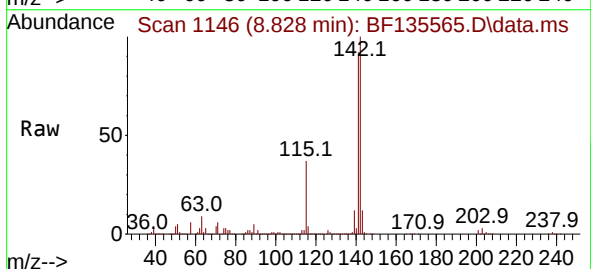
Manual Integrations
APPROVED

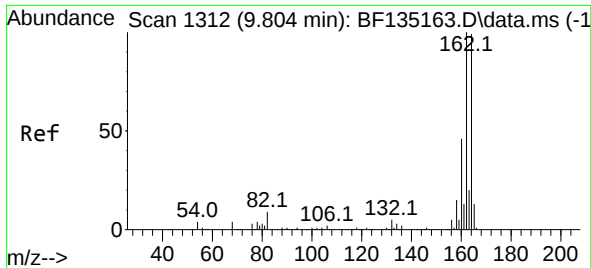
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#38
1-Methylnaphthalene
Concen: 38.754 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:142 Resp: 680464
Ion Ratio Lower Upper
142 100
141 91.6 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF135565.D

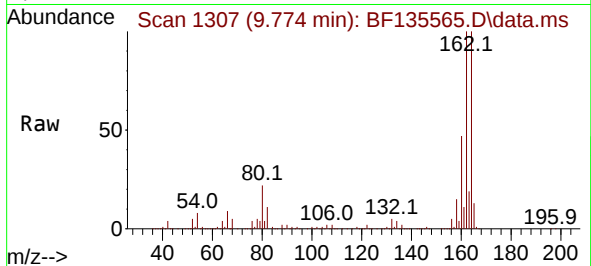
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

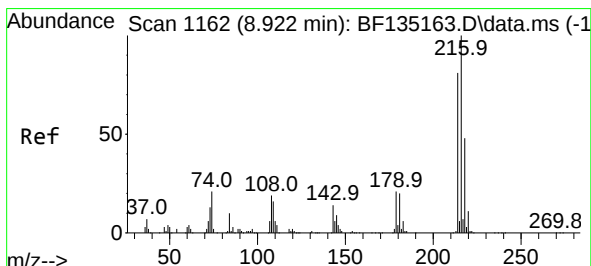
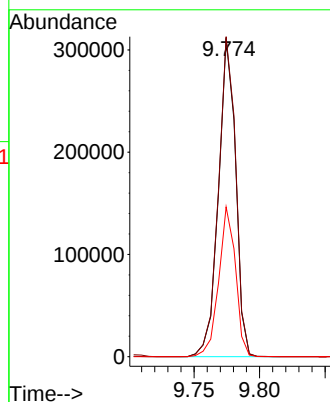
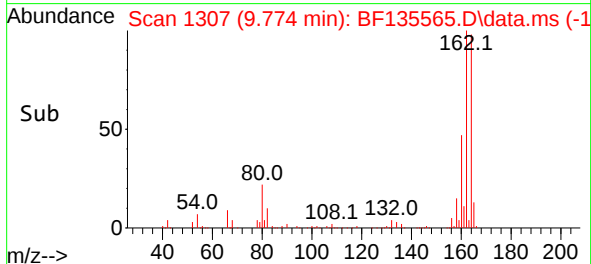


Tgt Ion:164 Resp: 283059

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.4
160	47.0	37.0	55.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#40

1,2,4,5-Tetrachlorobenzene

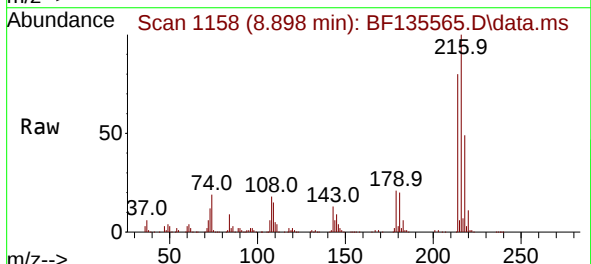
Concen: 41.307 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.012 min

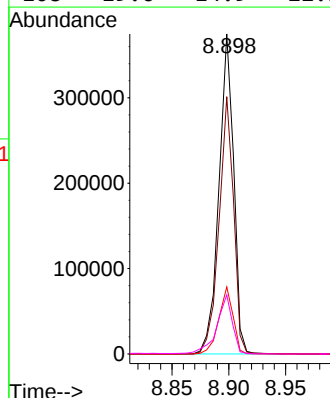
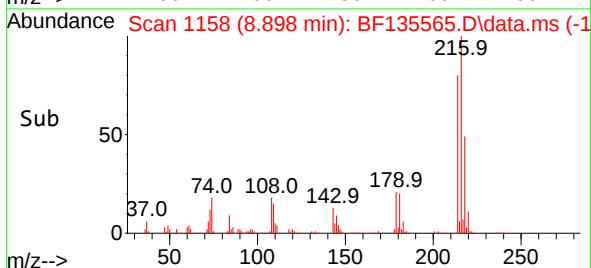
Lab File: BF135565.D

Acq: 04 Oct 2023 11:44



Tgt Ion:216 Resp: 338735

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.7	95.5
179	20.4	16.7	25.1
108	19.6	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 46.406 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

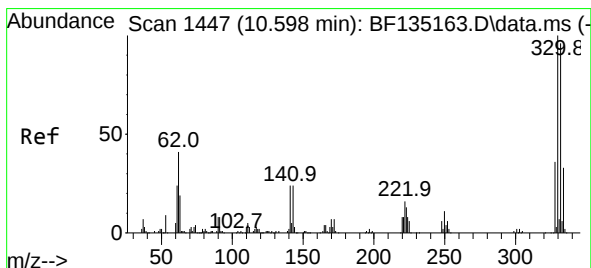
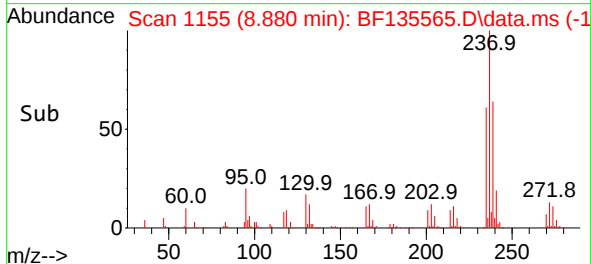
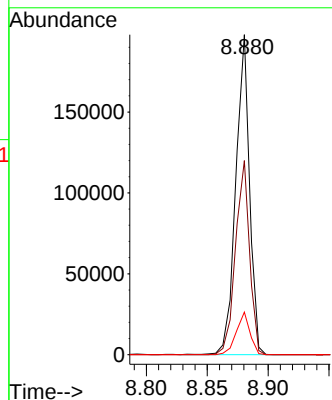
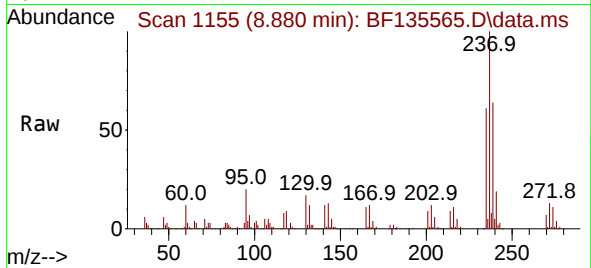
ClientSampleId :

PB156015BS

Tgt Ion:237 Resp: 155338
Ion Ratio Lower Upper
237 100
235 60.6 41.8 81.8
272 13.3 0.0 33.6

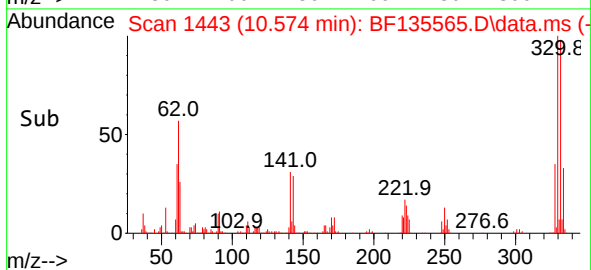
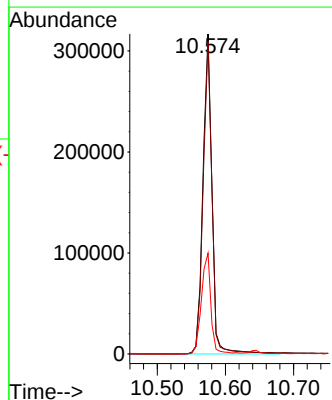
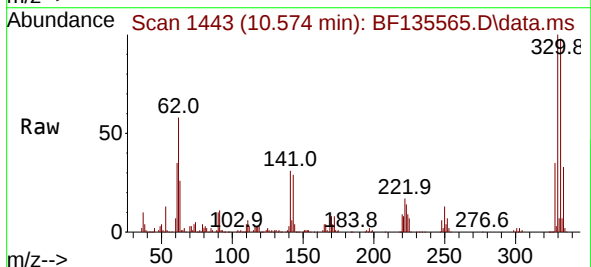
Manual Integrations
APPROVED

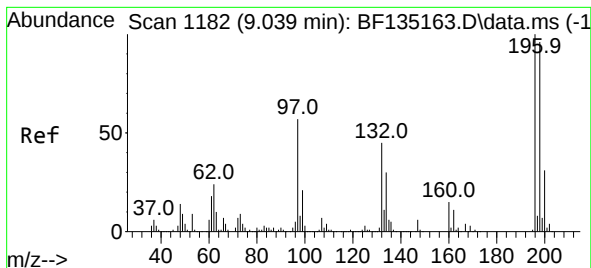
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#42
2,4,6-Tribromophenol
Concen: 103.997 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:330 Resp: 292534
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 33.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 41.479 ng

RT: 9.022 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:196 Resp: 222709

Ion Ratio Lower Upper

196 100

198 92.7 77.0 115.6

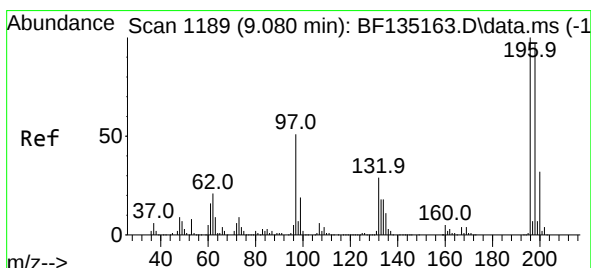
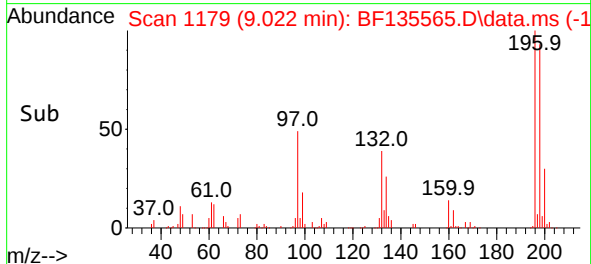
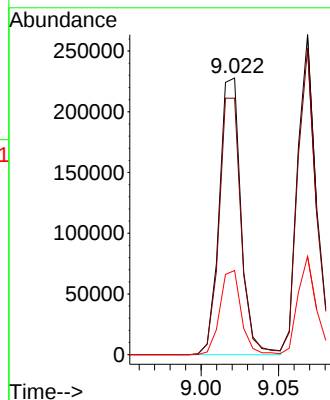
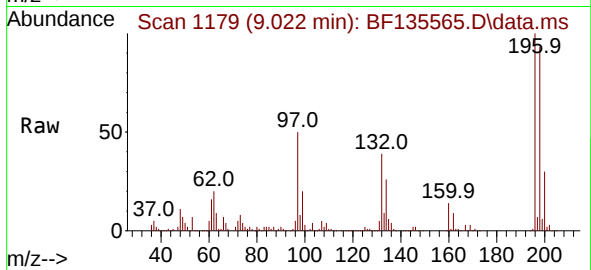
200 30.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#44

2,4,5-Trichlorophenol

Concen: 37.627 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Tgt Ion:196 Resp: 232655

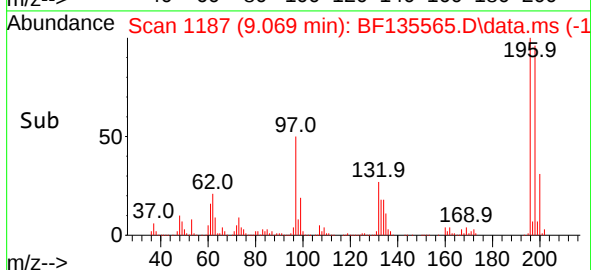
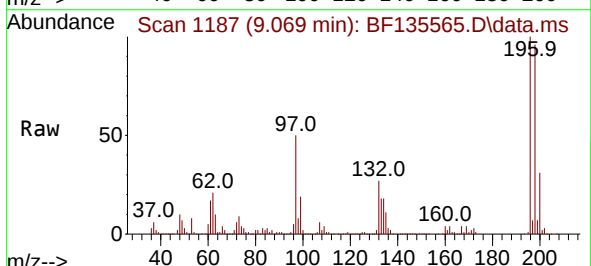
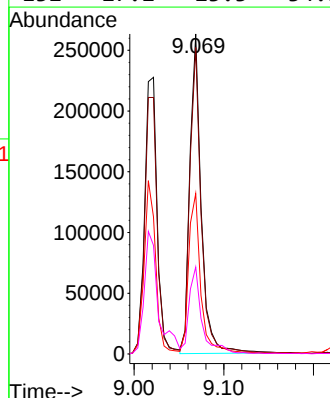
Ion Ratio Lower Upper

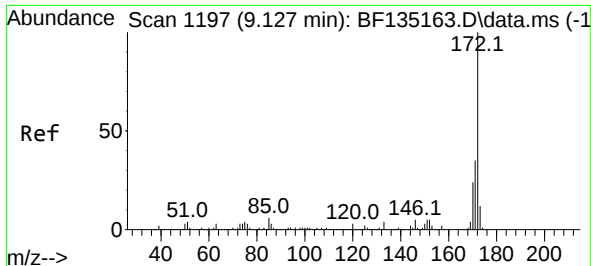
196 100

198 95.7 77.5 116.3

97 50.1 40.5 60.7

132 27.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.148 ng

RT: 9.098 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:172 Resp: 1353614

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

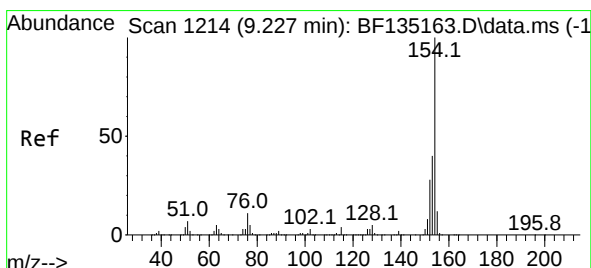
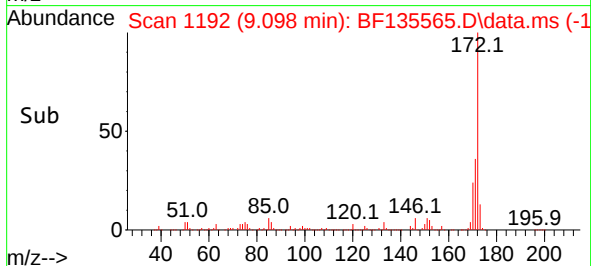
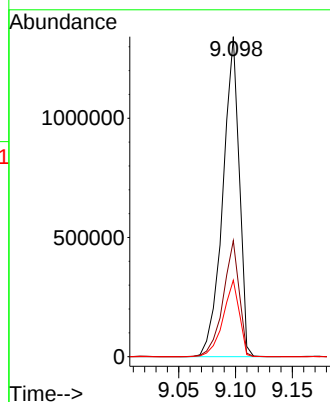
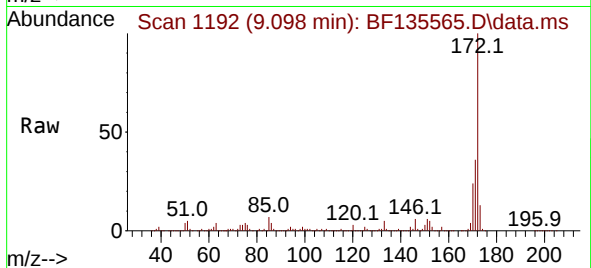
170 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#46

1,1'-Biphenyl

Concen: 40.803 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

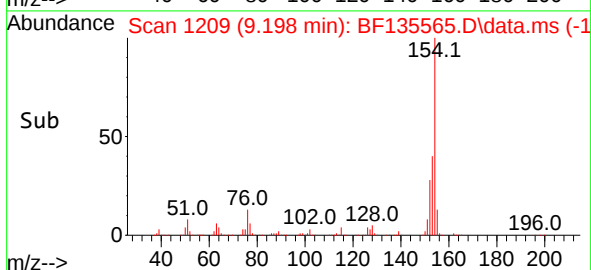
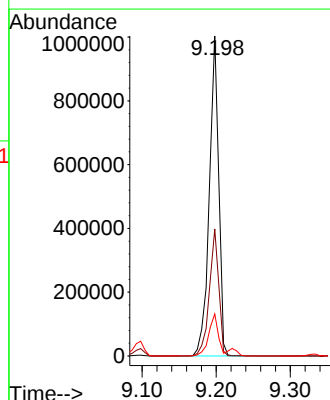
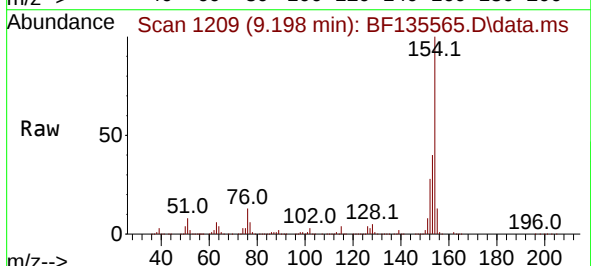
Tgt Ion:154 Resp: 887567

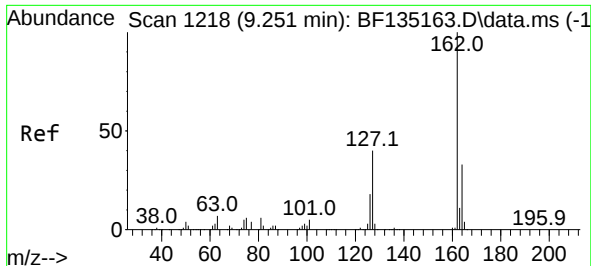
Ion Ratio Lower Upper

154 100

153 39.7 19.6 59.6

76 13.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 42.802 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

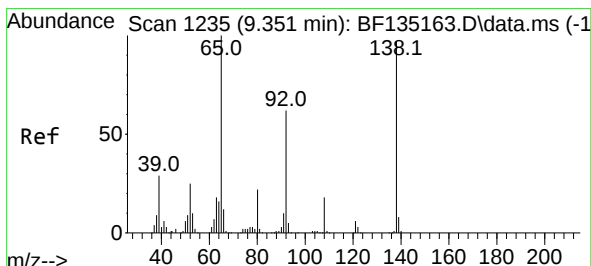
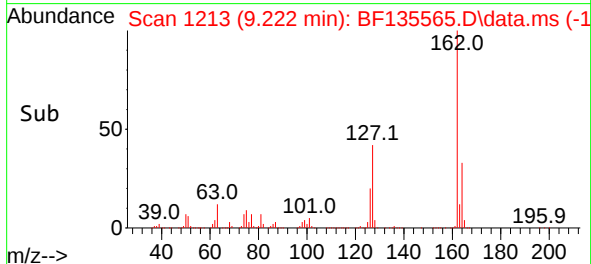
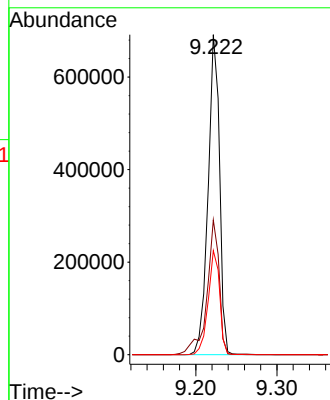
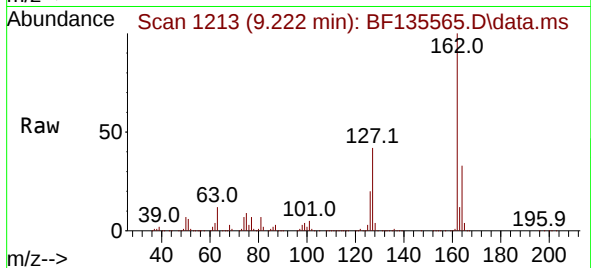
Tgt Ion:162 Resp: 67553
 Ion Ratio Lower Upper
 162 100
 127 42.1 32.6 48.8
 164 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#48

2-Nitroaniline

Concen: 43.910 ng

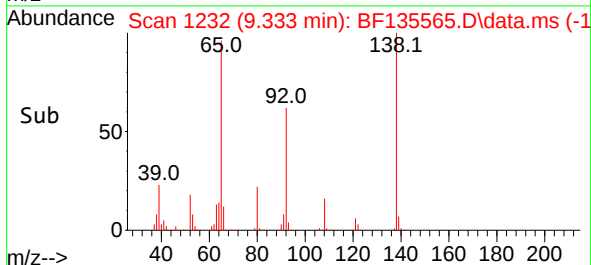
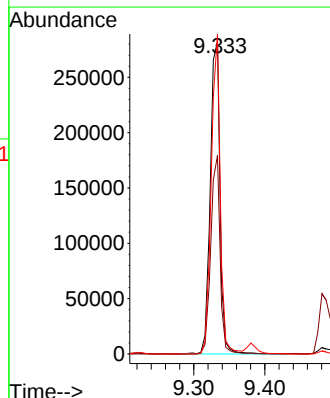
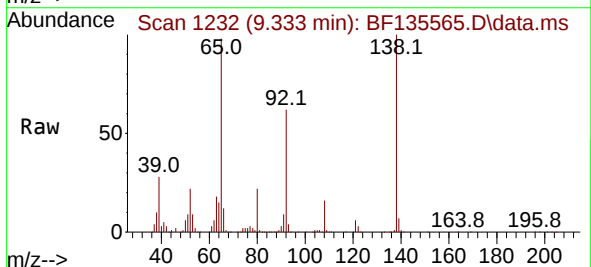
RT: 9.333 min Scan# 1232

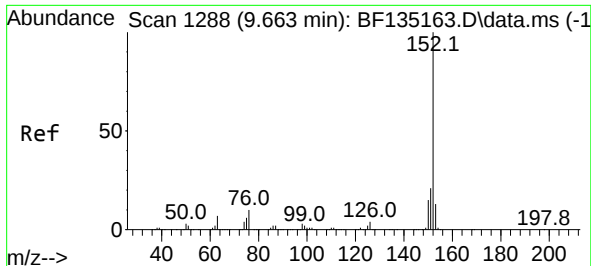
Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Tgt Ion: 65 Resp: 269235
 Ion Ratio Lower Upper
 65 100
 92 63.5 49.4 74.0
 138 102.4 77.4 116.0





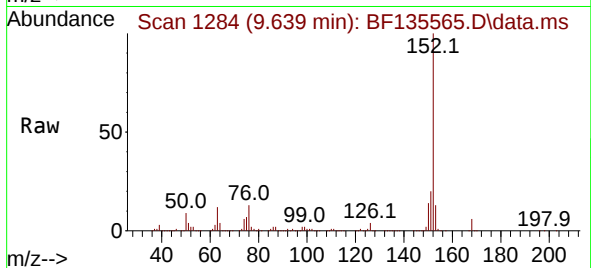
#49
Acenaphthylene
Concen: 40.358 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

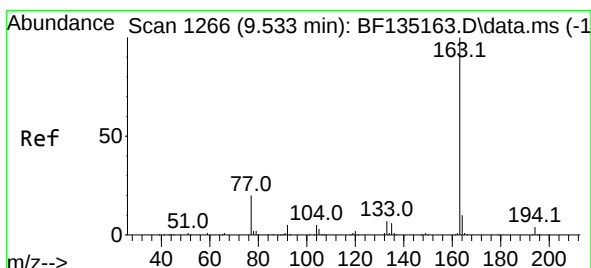
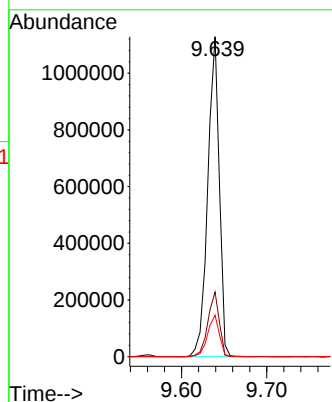
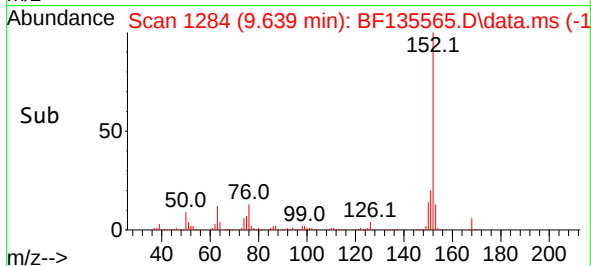


Tgt Ion:152 Resp: 1058578
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.9 10.4 15.6

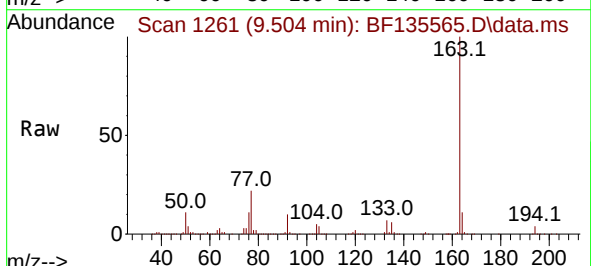
Manual Integrations

APPROVED

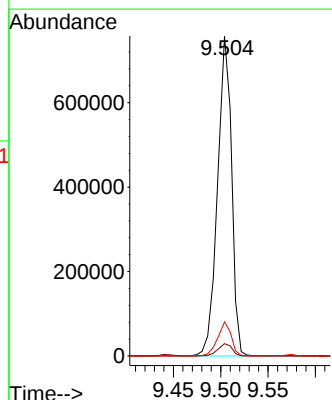
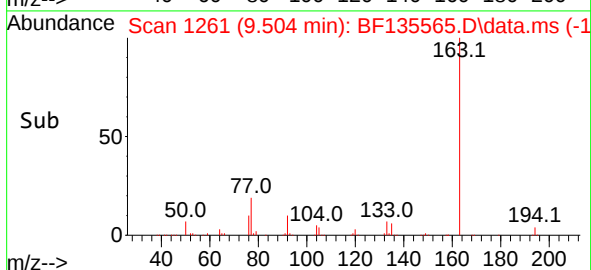
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

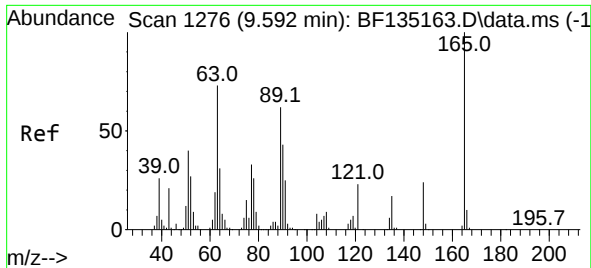


#50
Dimethylphthalate
Concen: 40.855 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



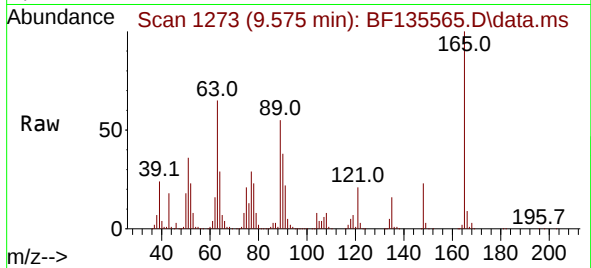
Tgt Ion:163 Resp: 781866
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.6 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.693 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

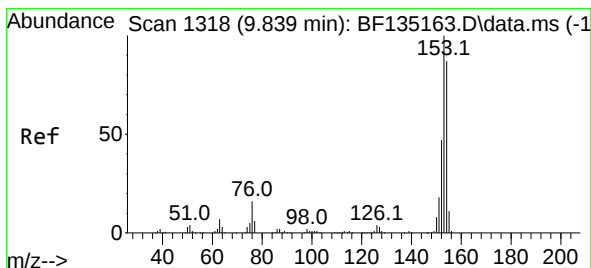
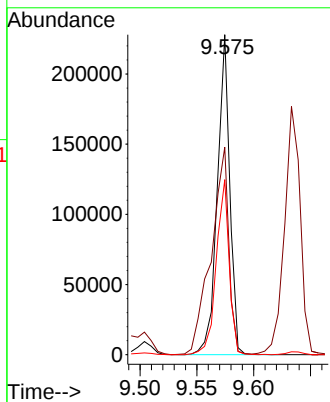
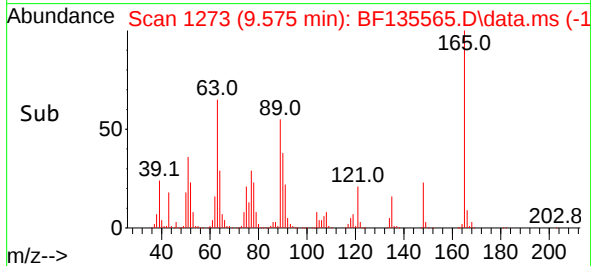
Instrument :
BNA_F
ClientSampleId :
PB156015BS



Tgt Ion:165 Resp: 17479
Ion Ratio Lower Upper
165 100
63 64.9 59.4 89.2
89 54.7 49.8 74.8

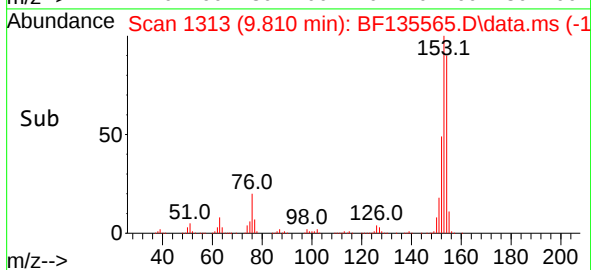
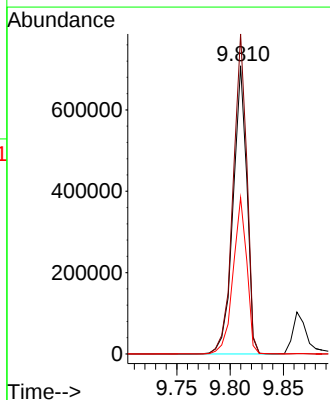
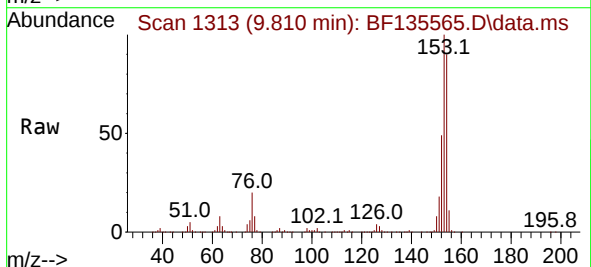
Manual Integrations
APPROVED

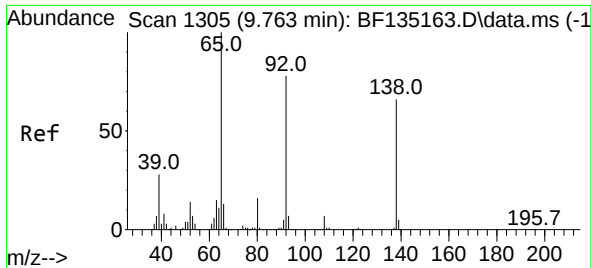
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#52
Acenaphthene
Concen: 41.149 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:154 Resp: 637606
Ion Ratio Lower Upper
154 100
153 111.0 92.1 138.1
152 54.3 43.1 64.7





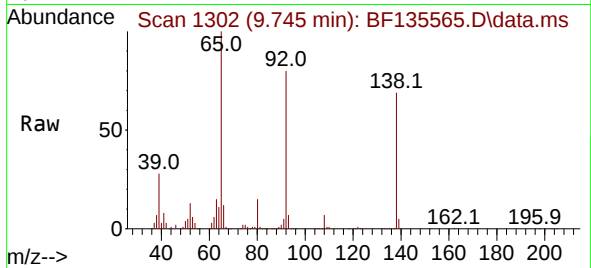
#53
3-Nitroaniline
Concen: 33.259 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS



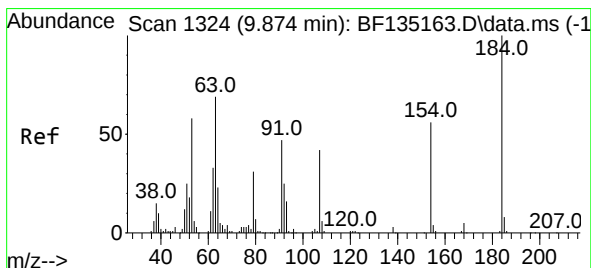
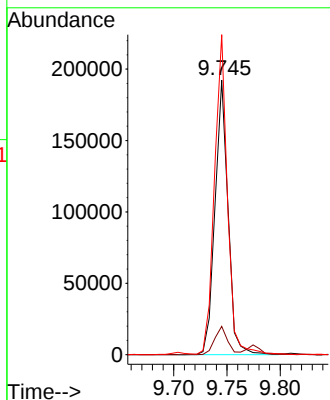
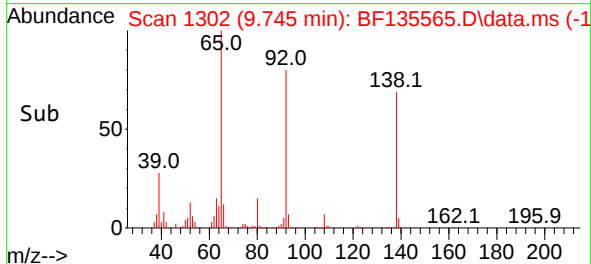
Tgt Ion:138 Resp: 16367
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 116.5 95.4 143.0

Manual Integrations

APPROVED

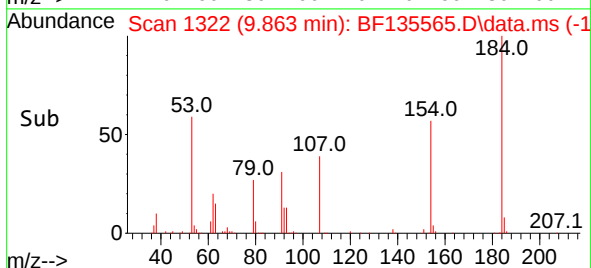
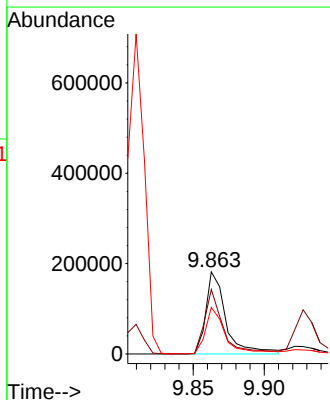
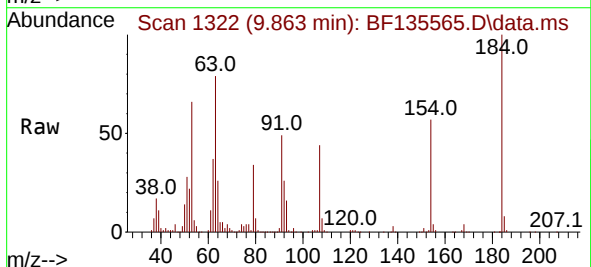
Reviewed By :Yogesh Patel 10/05/2023

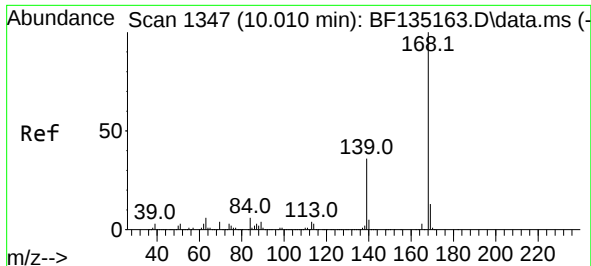
Supervised By :mohammad ahmed 10/06/2023



#54
2,4-Dinitrophenol
Concen: 75.400 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:184 Resp: 178527
Ion Ratio Lower Upper
184 100
63 78.7 55.1 82.7
154 56.8 48.4 72.6





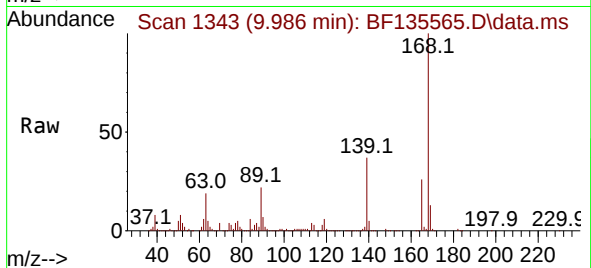
#55
Dibenzenofuran
Concen: 38.445 ng
RT: 9.986 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

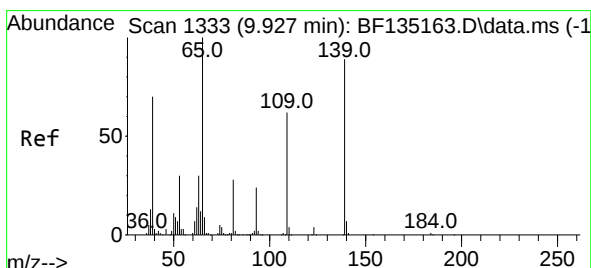
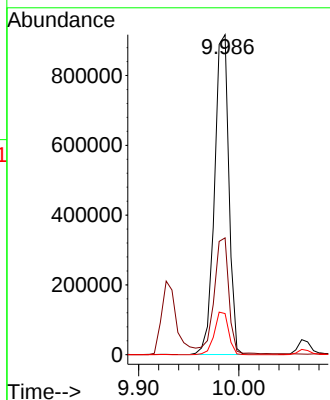
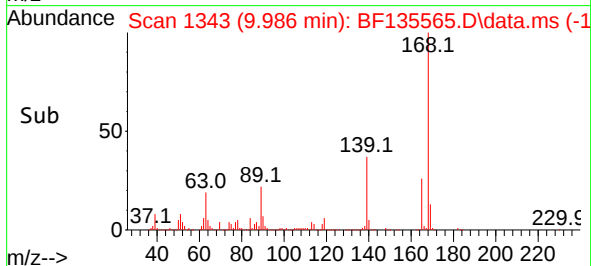
PB156015BS



Tgt Ion:168 Resp: 909059
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.6
169 12.9 10.4 15.6

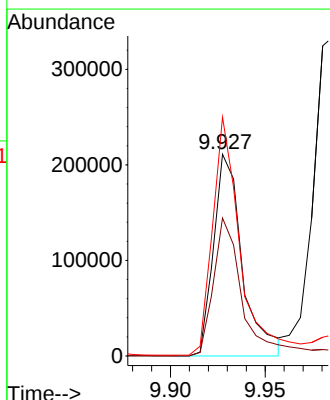
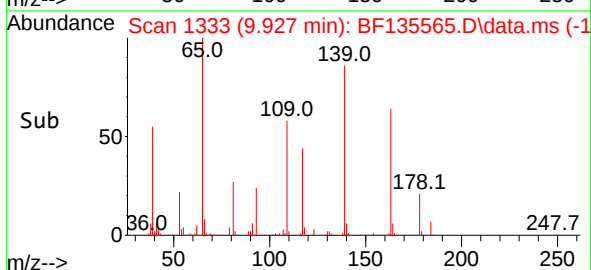
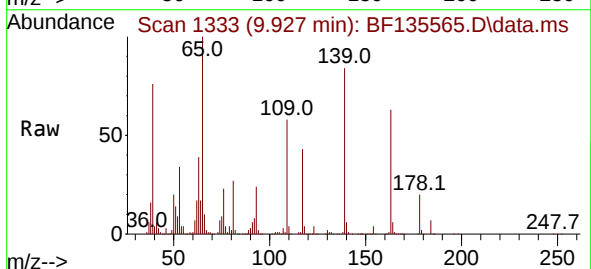
Manual Integrations
APPROVED

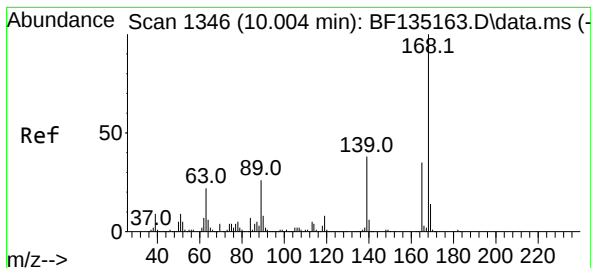
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#56
4-Nitrophenol
Concen: 71.266 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:139 Resp: 222896
Ion Ratio Lower Upper
139 100
109 68.4 49.8 89.8
65 118.5 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 38.809 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

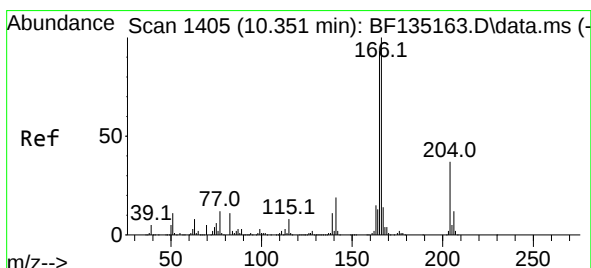
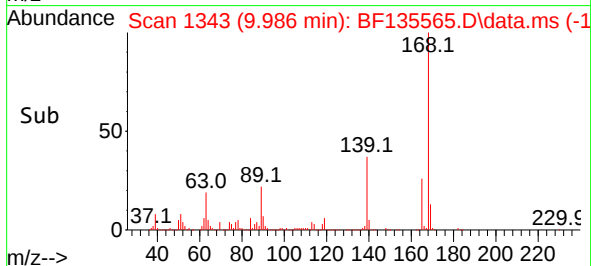
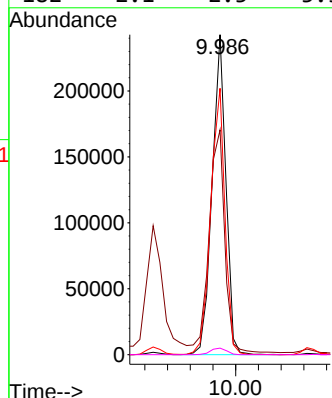
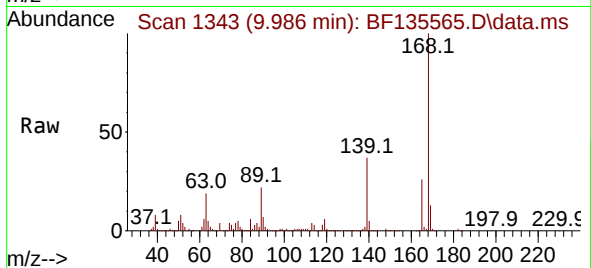
ClientSampleId :

PB156015BS

Tgt Ion:165 Resp: 20369
Ion Ratio Lower Upper
165 100
63 70.3 50.1 75.1
89 83.2 59.3 88.9
182 2.1 2.3 3.5#

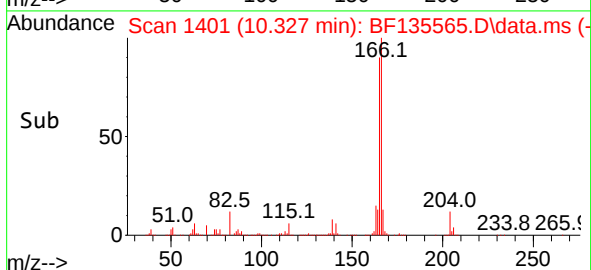
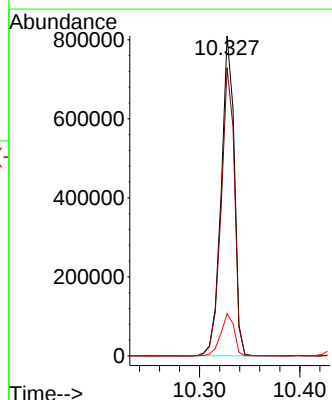
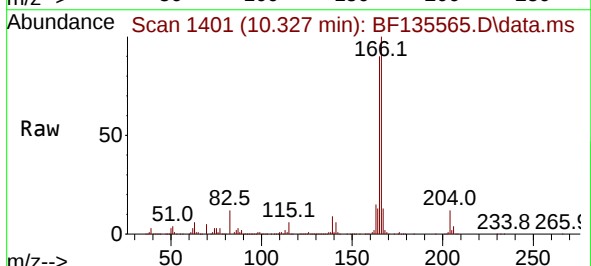
Manual Integrations
APPROVED

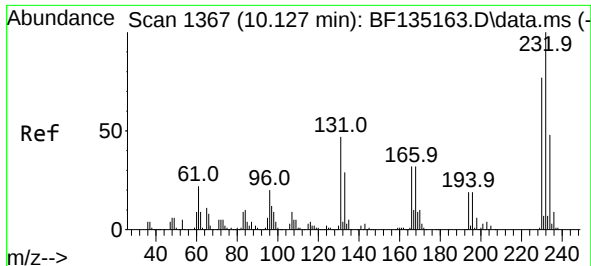
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#58
Fluorene
Concen: 40.451 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

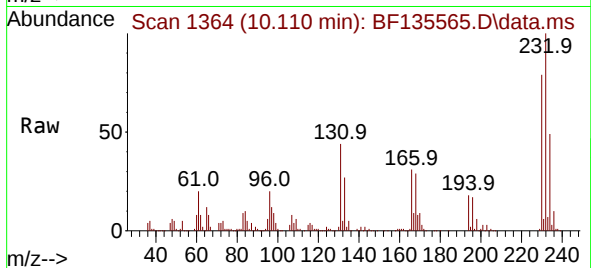
Tgt Ion:166 Resp: 735299
Ion Ratio Lower Upper
166 100
165 90.1 74.3 111.5
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.688 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

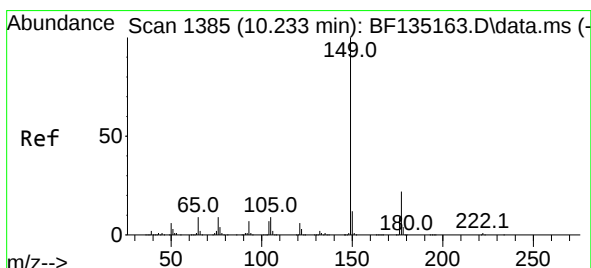
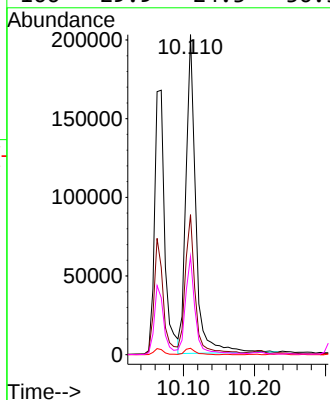
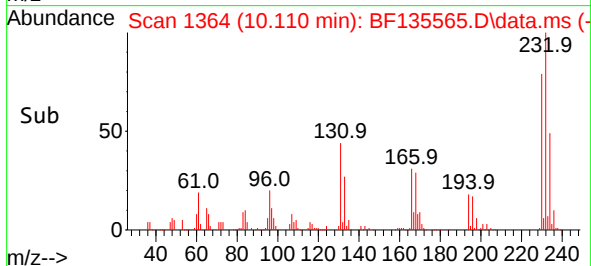
Instrument :
BNA_F
ClientSampleId :
PB156015BS



Tgt Ion:232 Resp: 193530
Ion Ratio Lower Upper
232 100
131 43.1 35.4 53.2
130 2.2 1.8 2.8
166 29.9 24.3 36.5

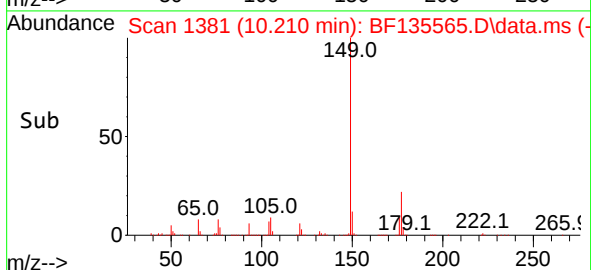
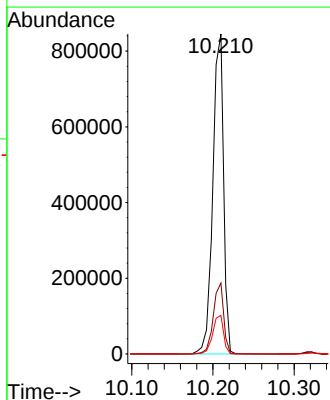
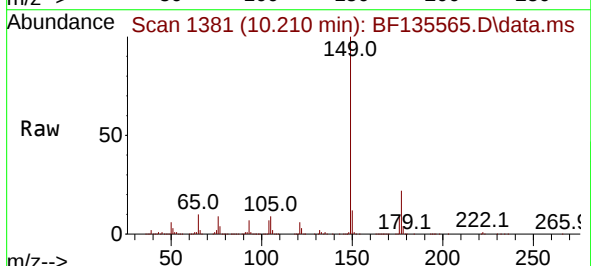
Manual Integrations
APPROVED

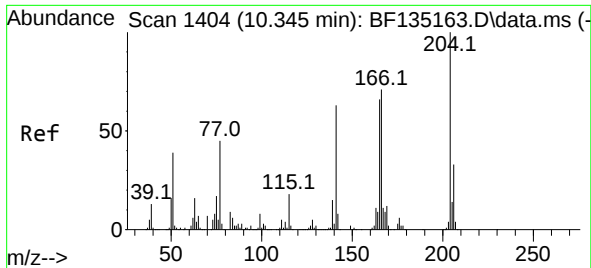
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#60
Diethylphthalate
Concen: 40.338 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

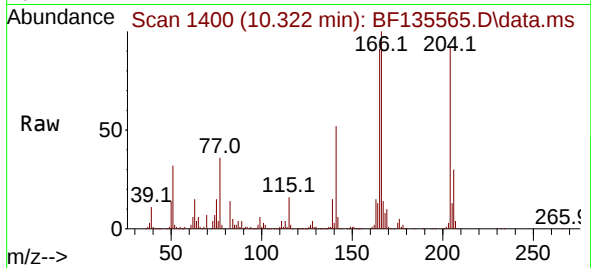
Tgt Ion:149 Resp: 774742
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.382 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

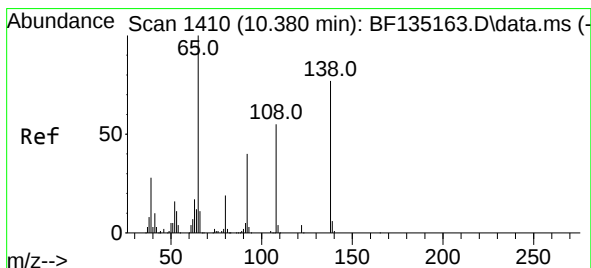
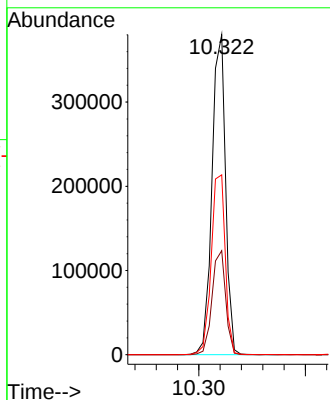
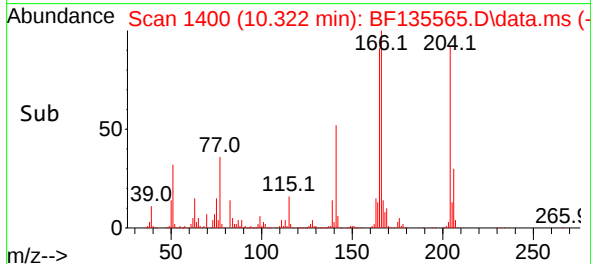
Instrument :
BNA_F
ClientSampleId :
PB156015BS



Tgt Ion:204 Resp: 335152
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 56.2 50.6 75.8

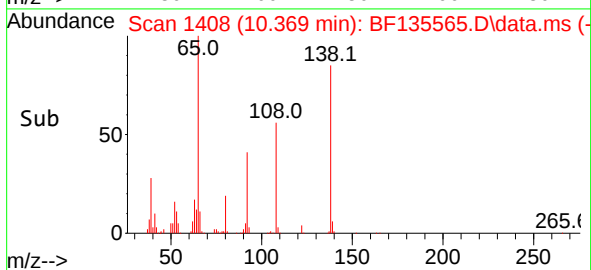
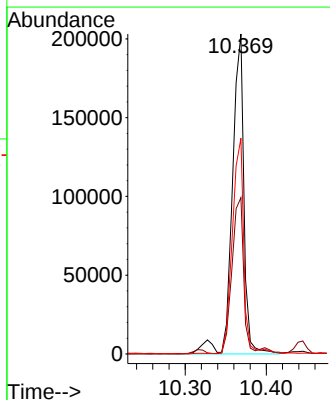
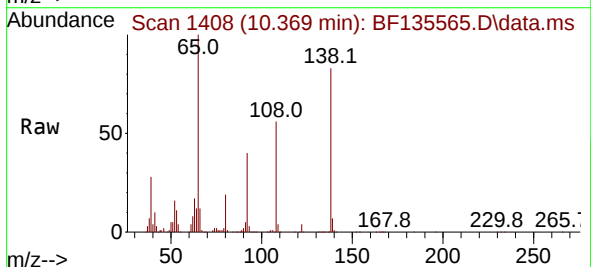
Manual Integrations
APPROVED

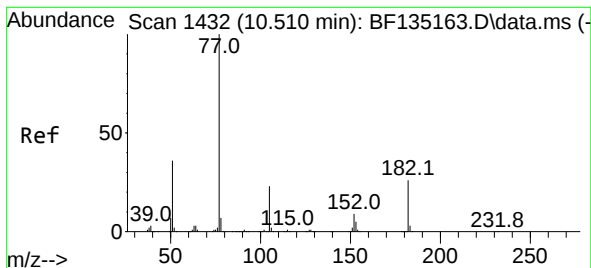
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#62
4-Nitroaniline
Concen: 43.032 ng m
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:138 Resp: 203561
Ion Ratio Lower Upper
138 100
92 48.9 31.8 71.8
108 67.4 52.0 92.0





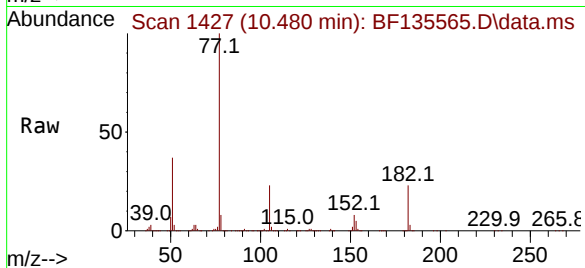
#63
Azobenzene
Concen: 42.602 ng
RT: 10.480 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

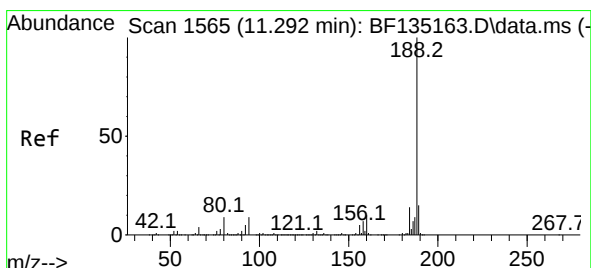
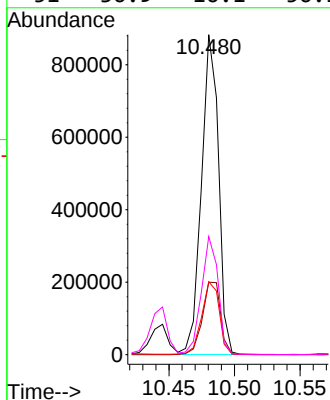
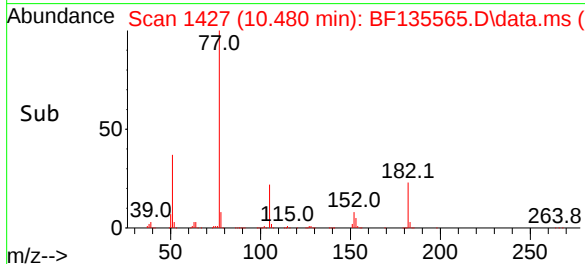


Tgt Ion: 77 Resp: 800805
Ion Ratio Lower Upper
77 100
182 22.6 6.4 46.4
105 22.8 3.1 43.1
51 36.9 16.1 56.1

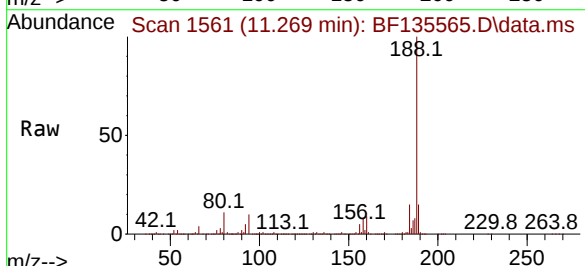
Manual Integrations

APPROVED

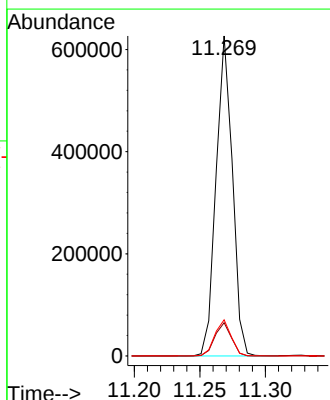
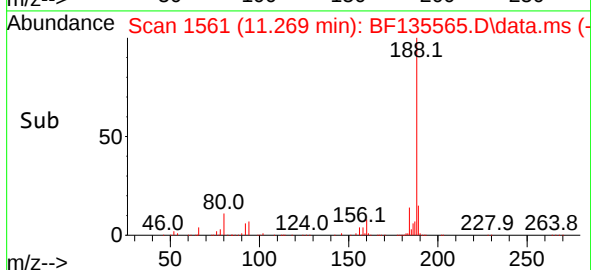
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

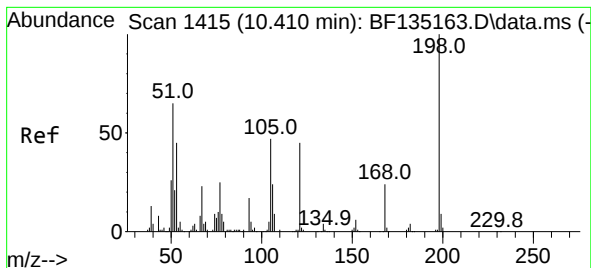


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion:188 Resp: 542125
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.3 7.5 11.3#





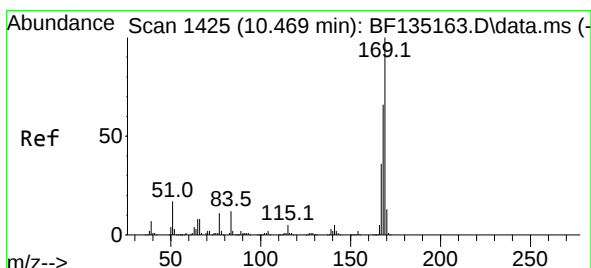
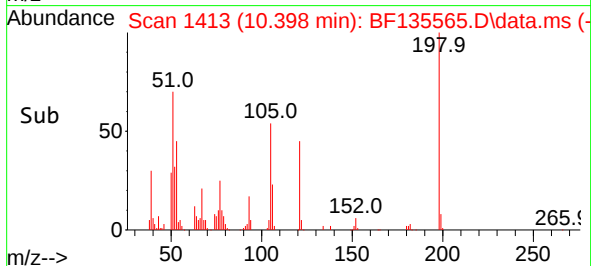
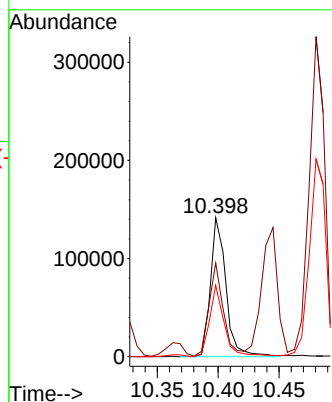
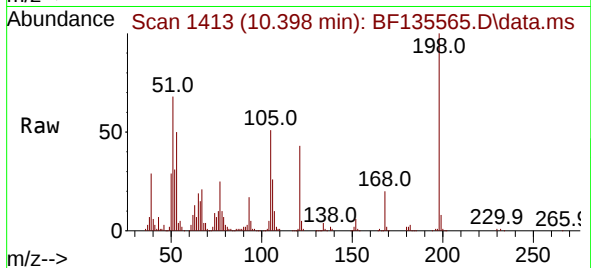
#65
4,6-Dinitro-2-methylphenol
Concen: 43.582 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB156015BS

Tgt Ion:198 Resp: 125489
Ion Ratio Lower Upper
198 100
51 67.5 47.7 87.7
105 51.4 27.4 67.4

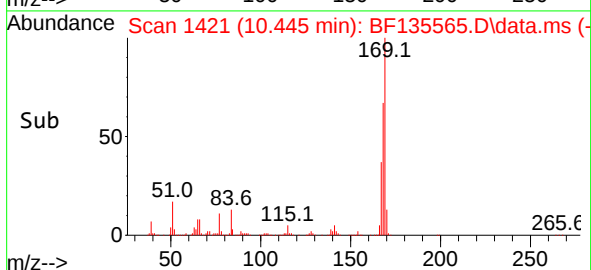
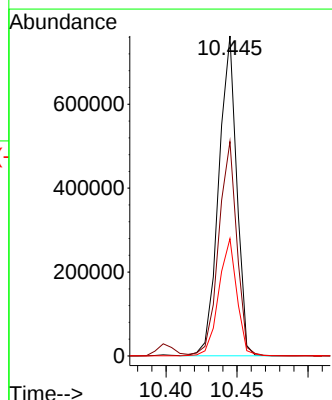
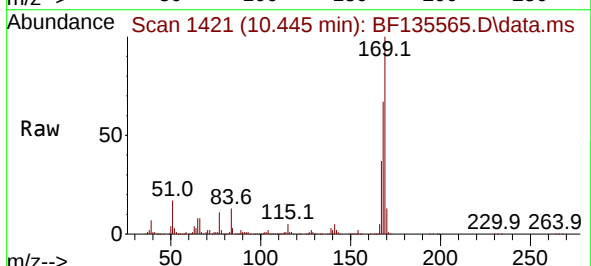
Manual Integrations
APPROVED

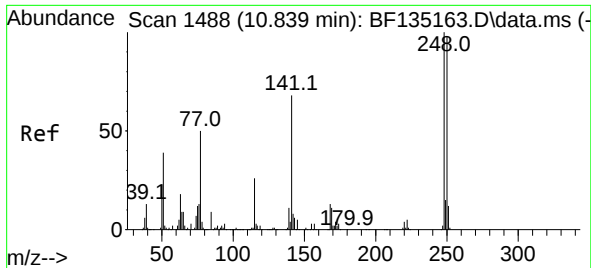
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#66
n-Nitrosodiphenylamine
Concen: 40.883 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

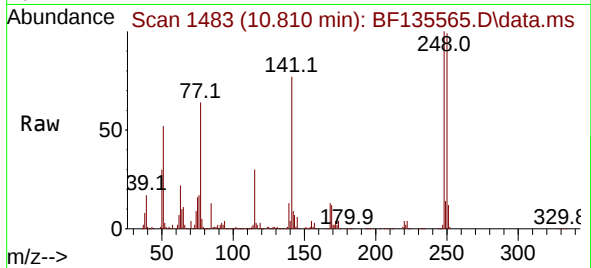
Tgt Ion:169 Resp: 670992
Ion Ratio Lower Upper
169 100
168 67.0 52.8 79.2
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.072 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

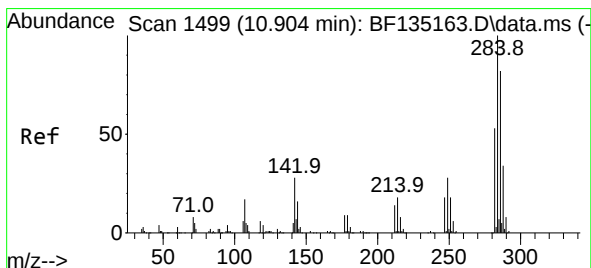
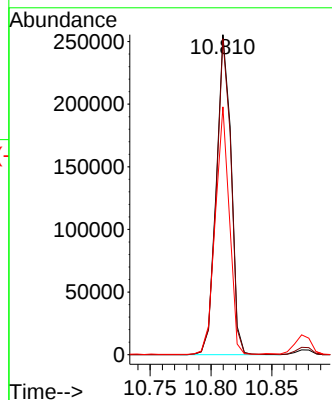
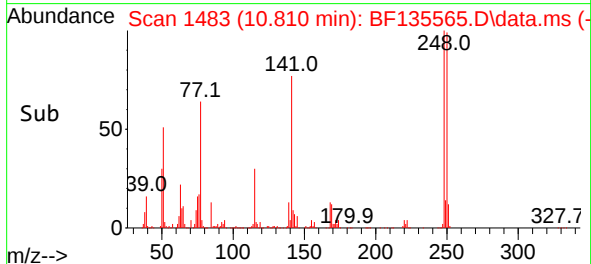
Instrument :
BNA_F
ClientSampleId :
PB156015BS



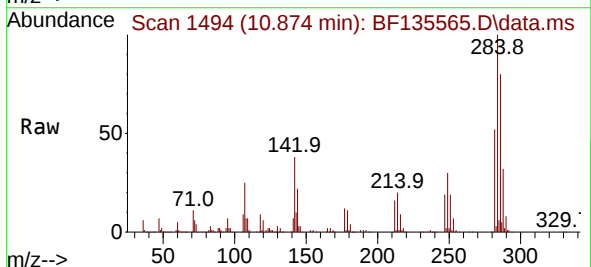
Tgt Ion:248 Resp: 21606
Ion Ratio Lower Upper
248 100
250 98.8 78.6 117.8
141 77.5 54.2 81.2

Manual Integrations
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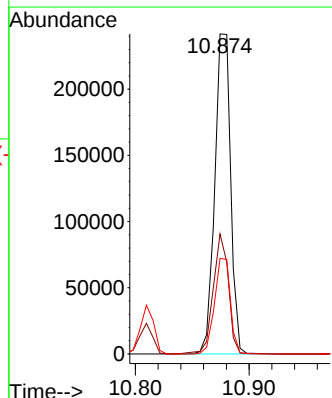
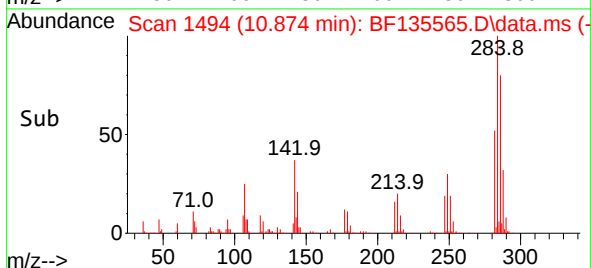
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

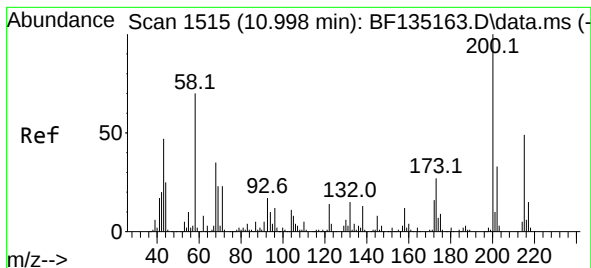


#68
Hexachlorobenzene
Concen: 42.730 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion:284 Resp: 234719
Ion Ratio Lower Upper
284 100
142 37.5 22.2 33.4#
249 29.9 22.5 33.7





#69

Atrazine

Concen: 47.413 ng

RT: 10.980 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF135565.D

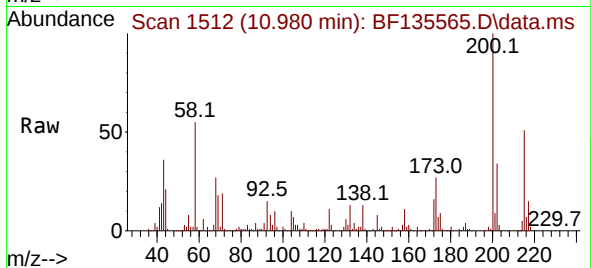
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS



Tgt Ion:200 Resp: 20938

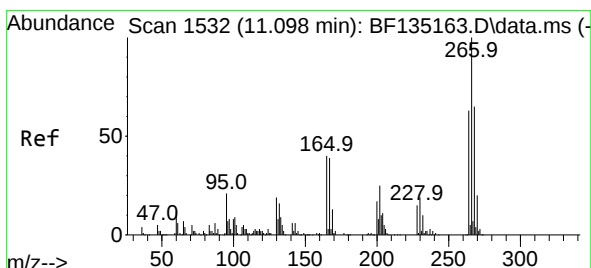
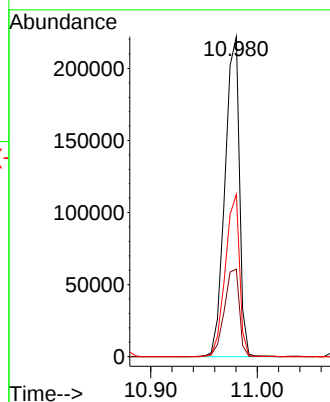
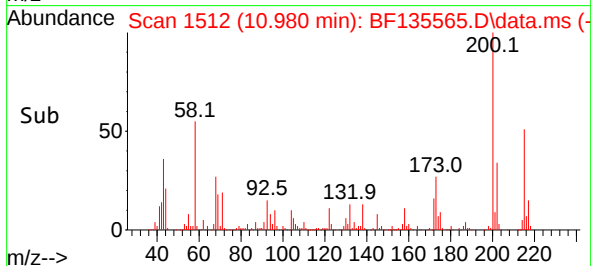
Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.4	47.4
215	50.7	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#70

Pentachlorophenol

Concen: 54.410 ng

RT: 11.080 min Scan# 1529

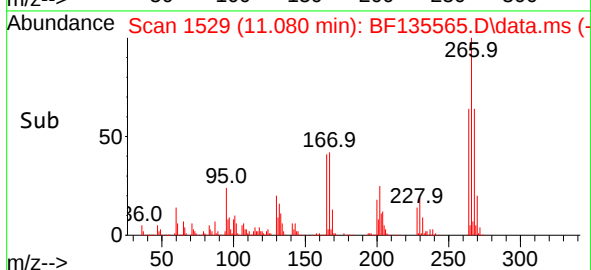
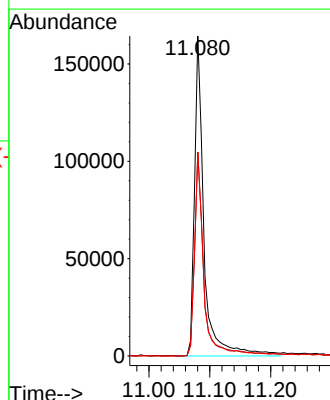
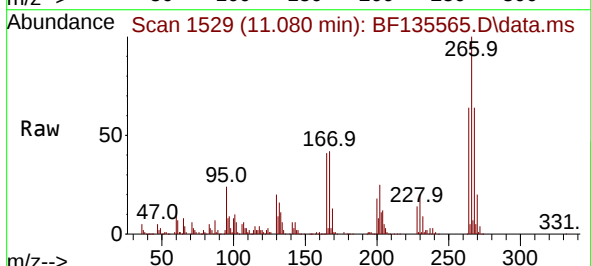
Delta R.T. -0.006 min

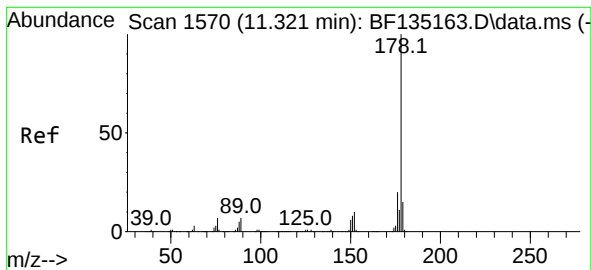
Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Tgt Ion:266 Resp: 178817

Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.1	78.1
264	63.6	50.8	76.2





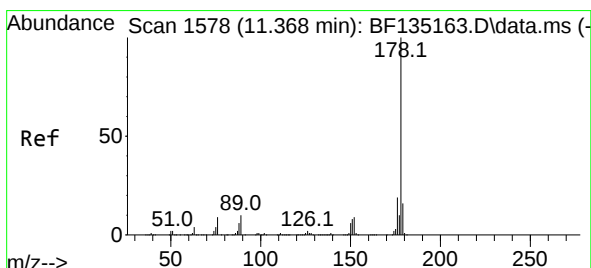
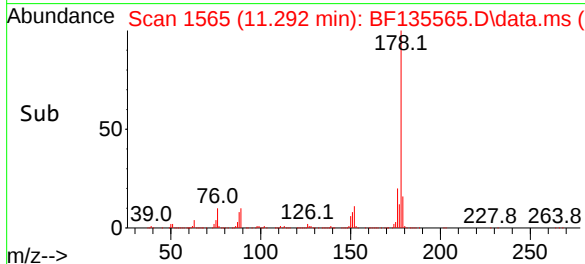
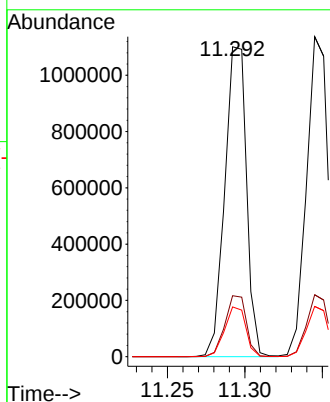
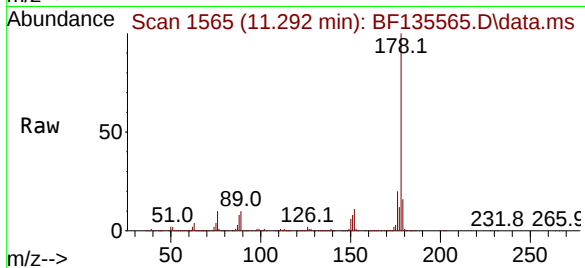
#71
Phenanthrene
Concen: 42.004 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB156015BS

Tgt Ion:178 Resp: 1076998
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.1 12.0 18.0

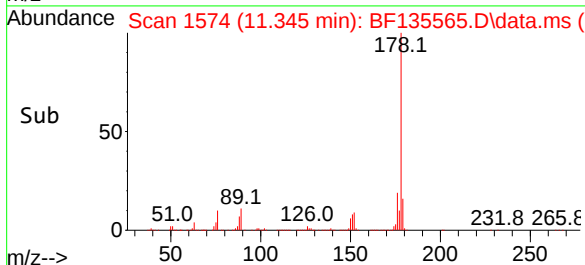
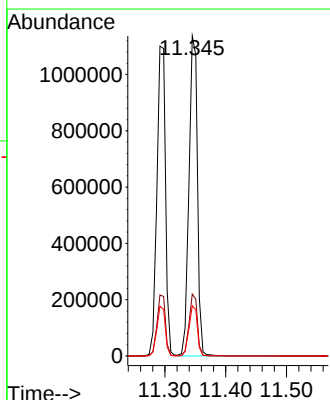
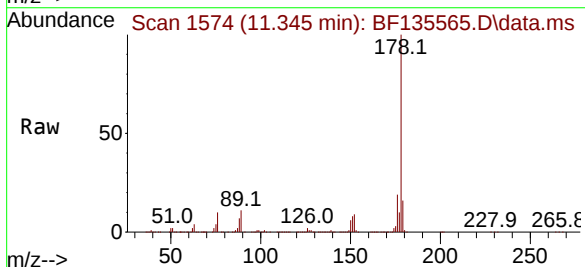
Manual Integrations
APPROVED

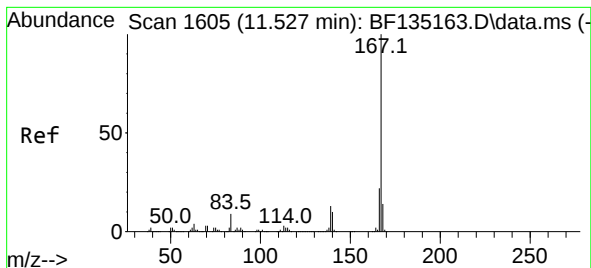
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Anthracene
Concen: 41.669 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

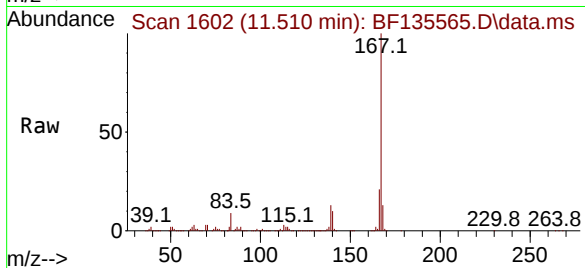
Tgt Ion:178 Resp: 1098206
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 45.360 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. -0.006 min
 Lab File: BF135565.D
 Acq: 04 Oct 2023 11:44

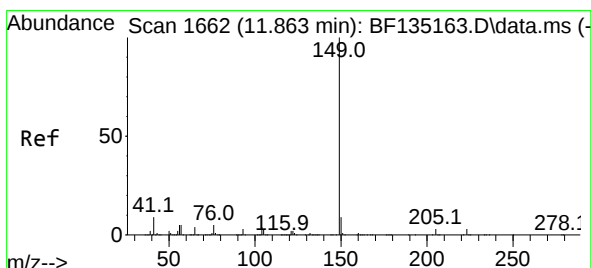
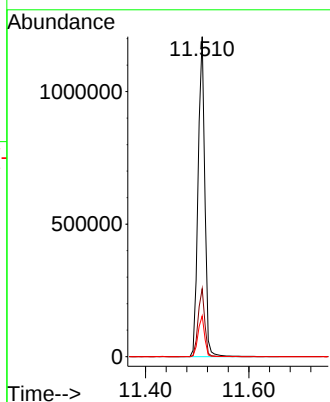
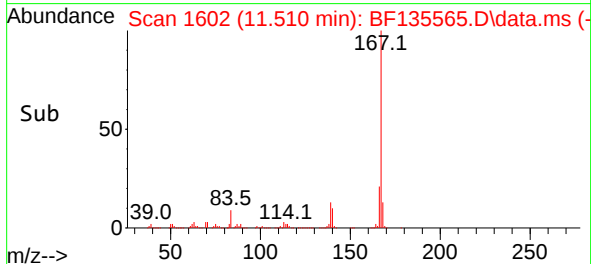
Instrument :
 BNA_F
 ClientSampleId :
 PB156015BS



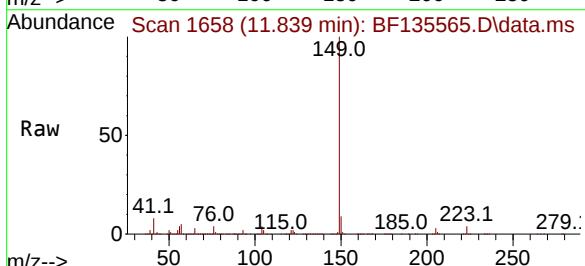
Tgt Ion:167 Resp: 1088274
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.8 10.6 15.8

Manual Integrations
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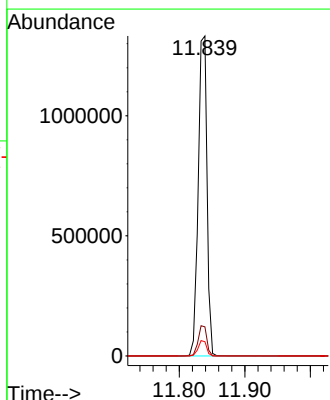
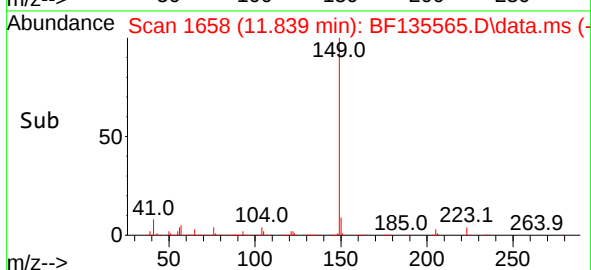
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

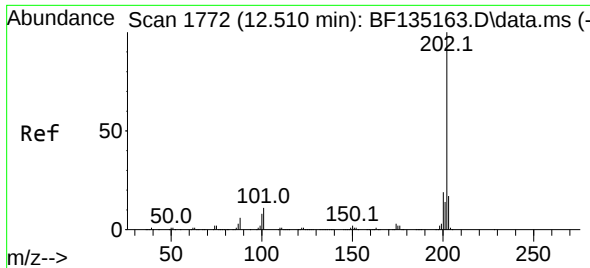


#74
 Di-n-butylphthalate
 Concen: 43.947 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135565.D
 Acq: 04 Oct 2023 11:44



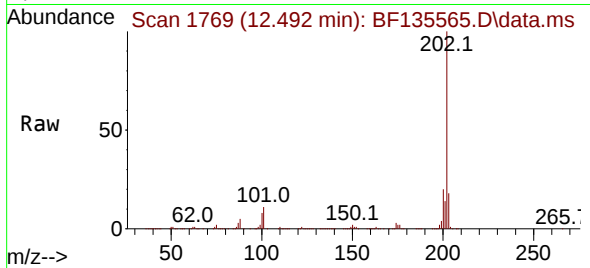
Tgt Ion:149 Resp: 1242425
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 44.176 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

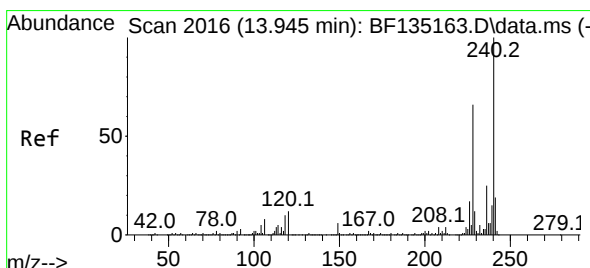
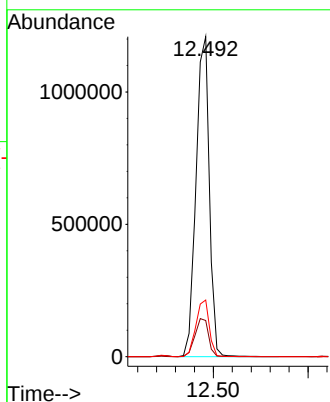
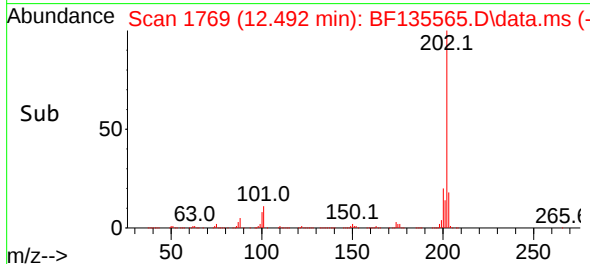
Instrument :
BNA_F
ClientSampleId :
PB156015BS



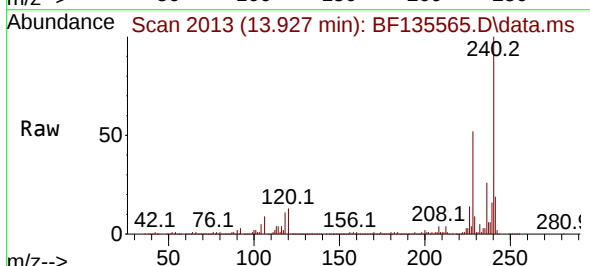
Tgt Ion:202 Resp: 118023
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 17.7 0.0 37.4

Manual Integrations
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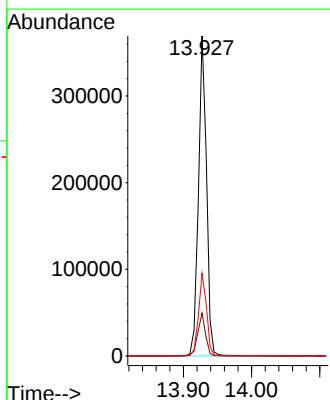
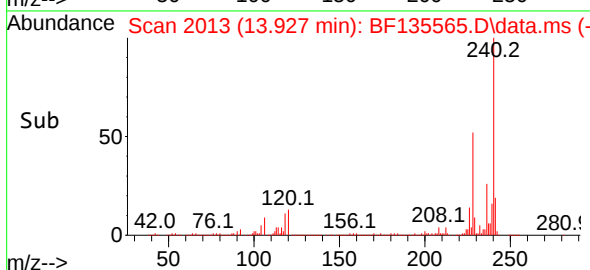
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

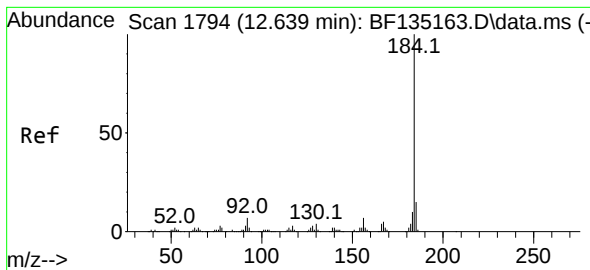


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



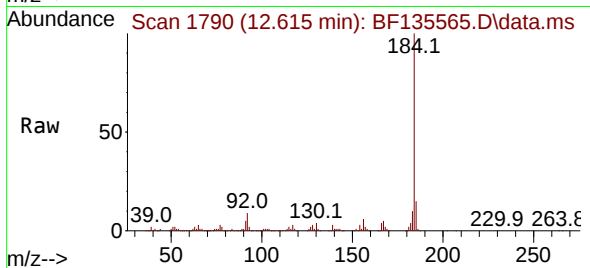
Tgt Ion:240 Resp: 303607
Ion Ratio Lower Upper
240 100
120 13.4 9.4 14.2
236 25.8 19.8 29.8





#77
Benzidine
Concen: 42.126 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

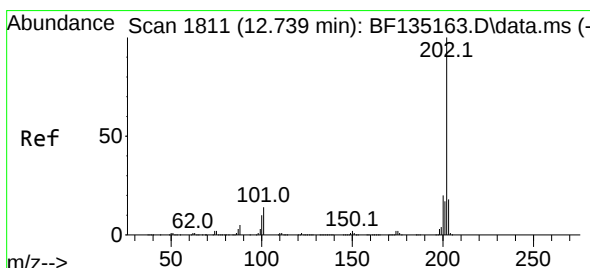
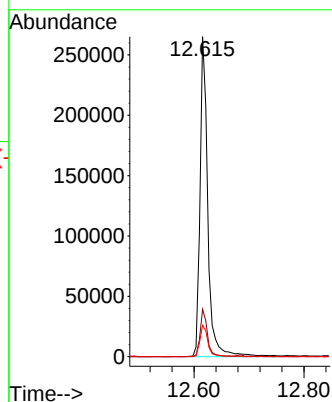
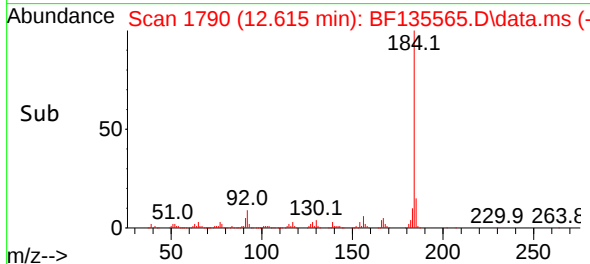
Instrument :
BNA_F
ClientSampleId :
PB156015BS



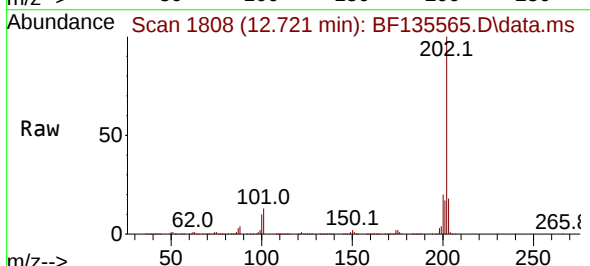
Tgt Ion:184 Resp: 26202
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 9.8 8.2 12.4

Manual Integrations
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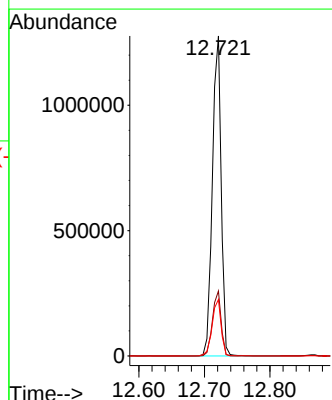
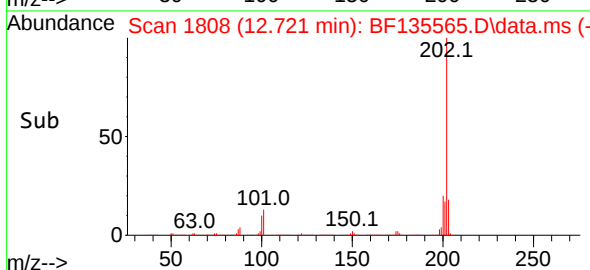
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#78
Pyrene
Concen: 41.302 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion:202 Resp: 1193865
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 72.734 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.012 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:244 Resp: 142449

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

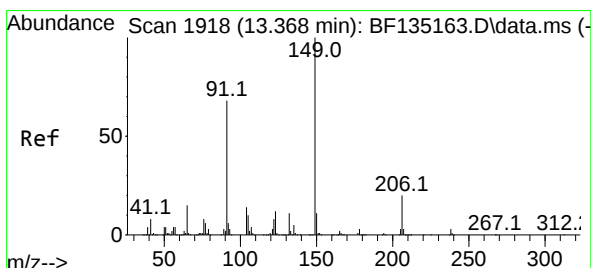
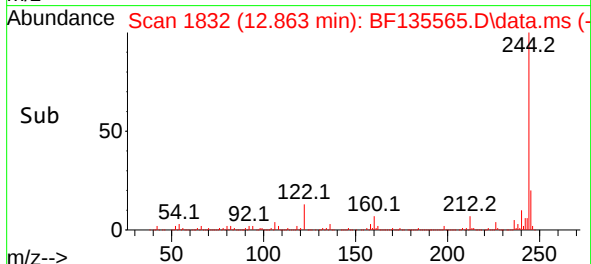
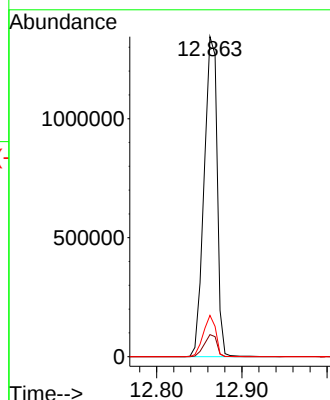
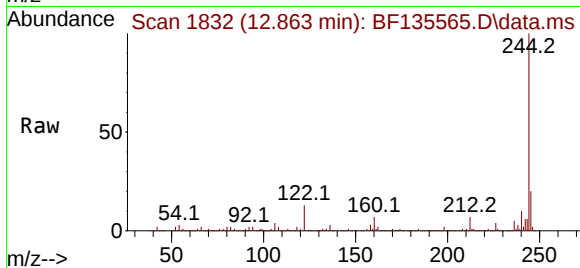
122 12.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#80

Butylbenzylphthalate

Concen: 48.713 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

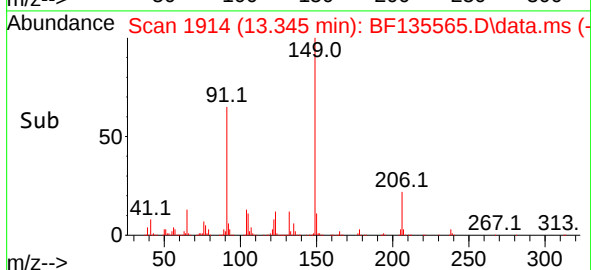
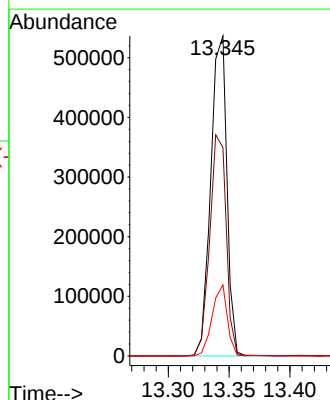
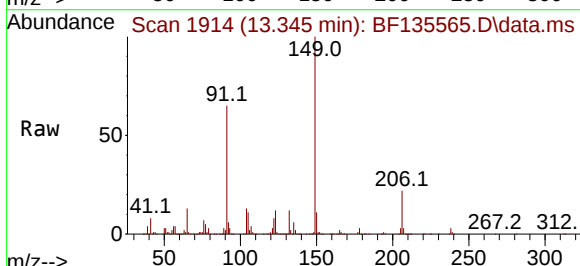
Tgt Ion:149 Resp: 495764

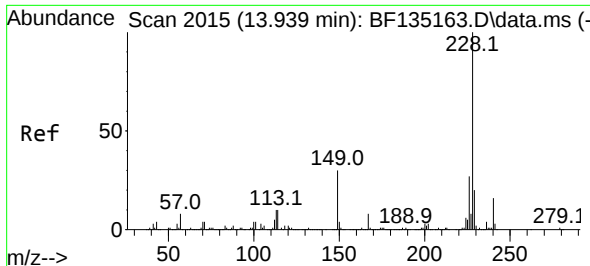
Ion Ratio Lower Upper

149 100

91 65.1 54.7 82.1

206 22.2 16.3 24.5





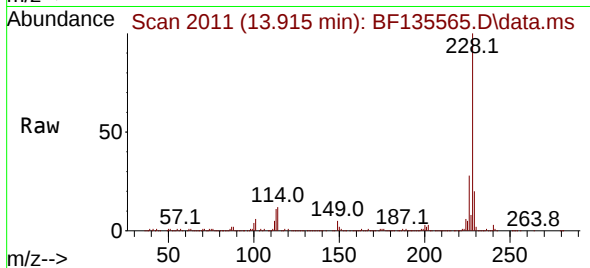
#81
Benzo(a)anthracene
Concen: 43.208 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

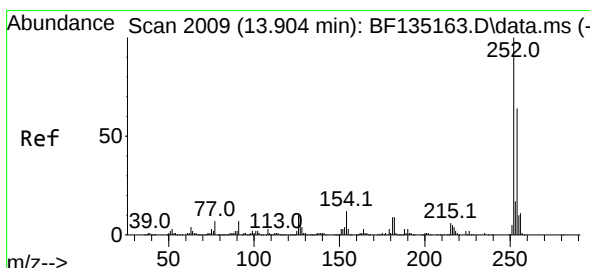
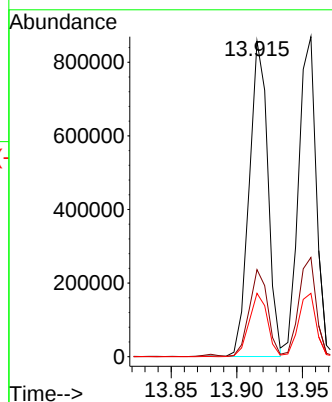
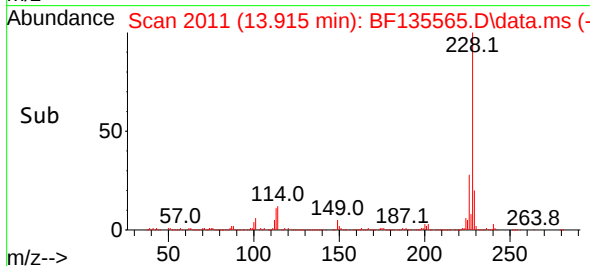


Tgt Ion:228 Resp: 847079
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.1 15.8 23.8

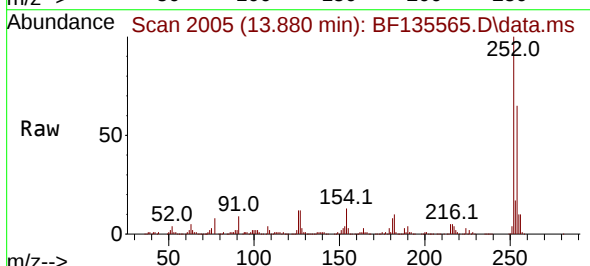
Manual Integrations

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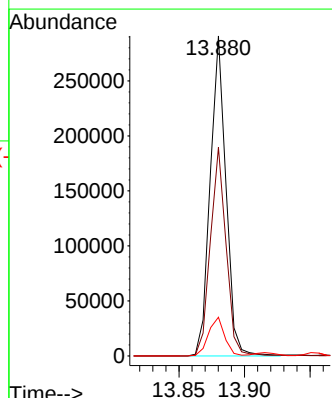
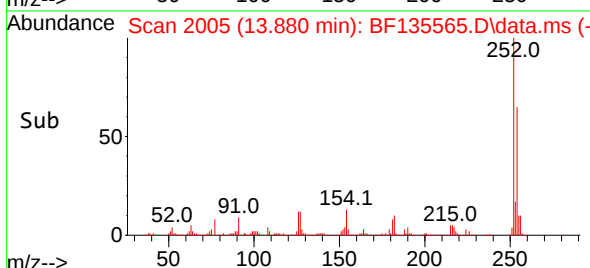
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

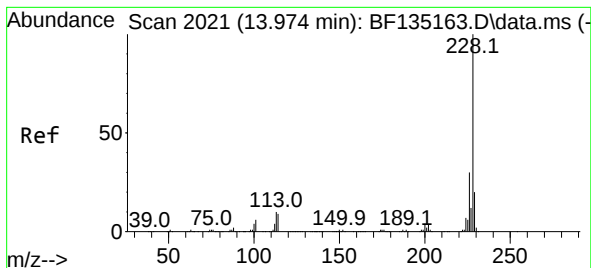


#82
3,3'-Dichlorobenzidine
Concen: 39.756 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion:252 Resp: 243453
Ion Ratio Lower Upper
252 100
254 65.2 51.0 76.4
126 12.1 7.8 11.8#





#83

Chrysene

Concen: 41.902 ng

RT: 13.957 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:228 Resp: 816729

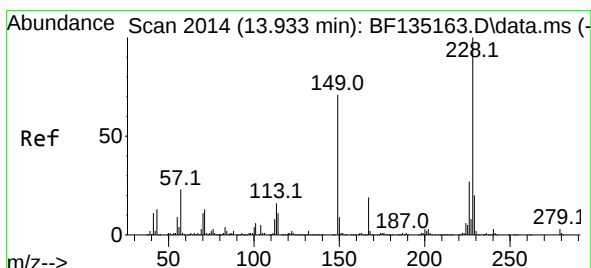
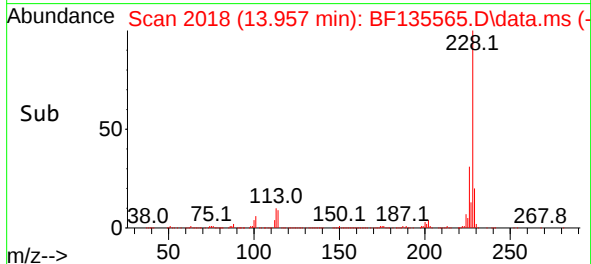
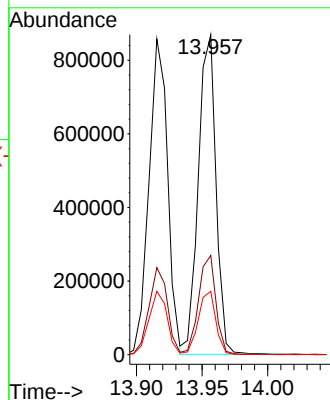
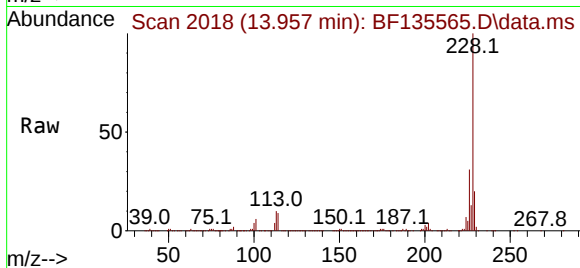
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	19.8	16.0	24.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.746 ng

RT: 13.904 min Scan# 2009

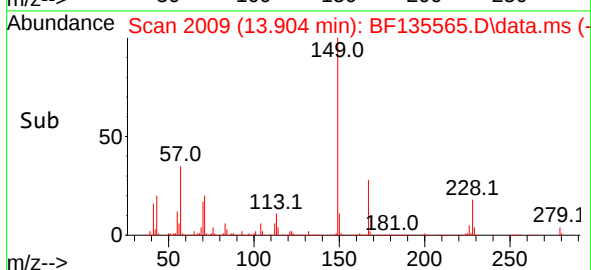
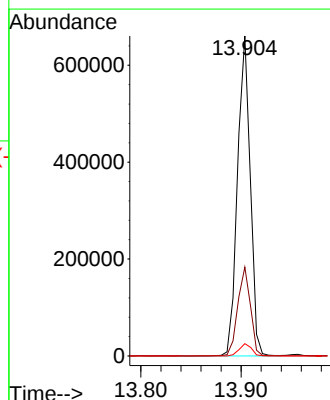
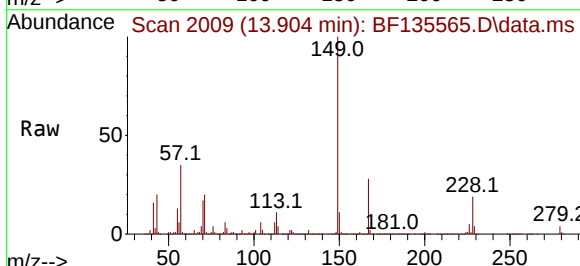
Delta R.T. -0.006 min

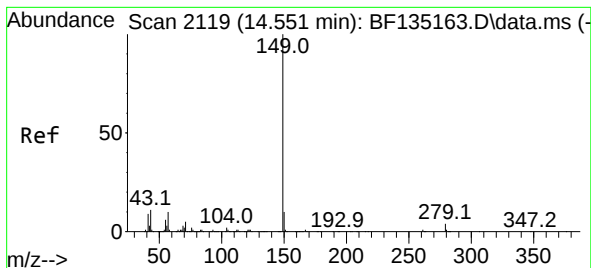
Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Tgt Ion:149 Resp: 582192

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	3.9	3.3	4.9





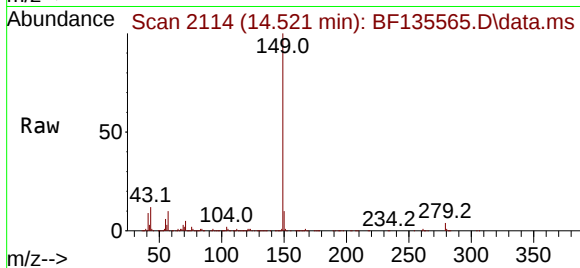
#85
Di-n-octyl phthalate
Concen: 50.695 ng
RT: 14.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

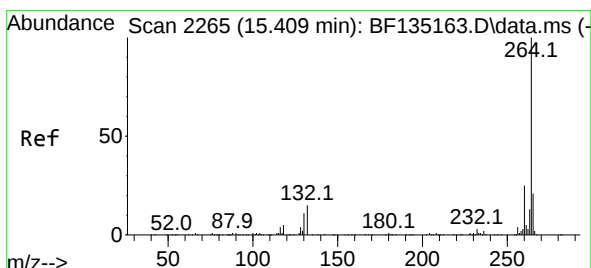
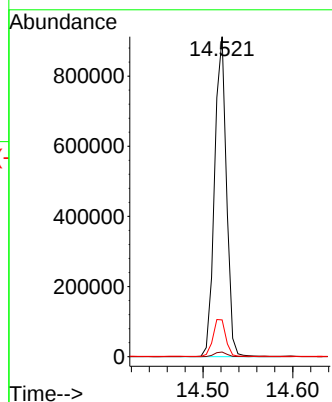
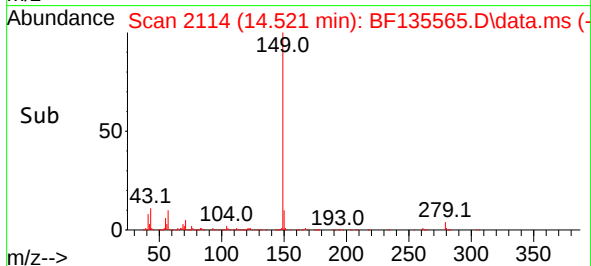
PB156015BS



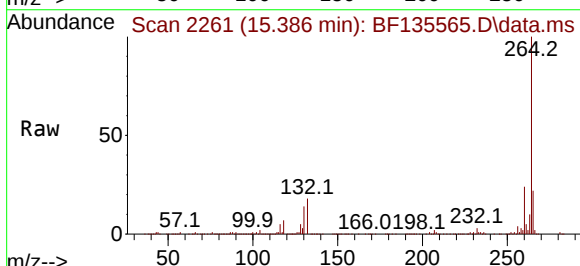
Tgt Ion:149 Resp: 841379
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.4 9.8 14.6

Manual Integrations
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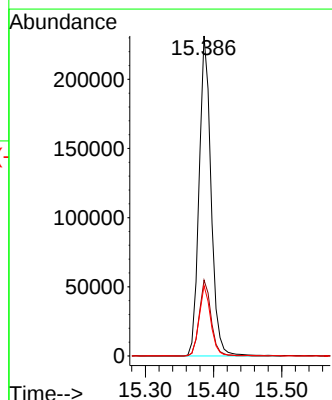
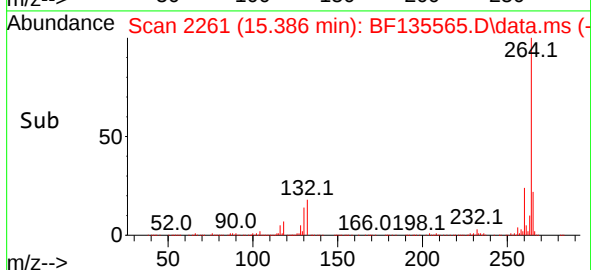
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

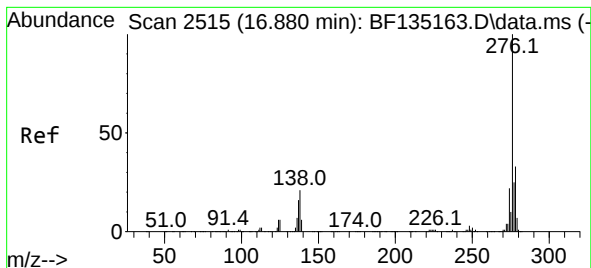


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44



Tgt Ion:264 Resp: 281297
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.187 ng

RT: 16.874 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:276 Resp: 85186

Ion Ratio Lower Upper

276 100

138 27.2 19.2 28.8

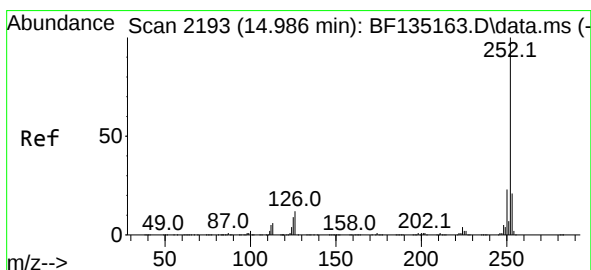
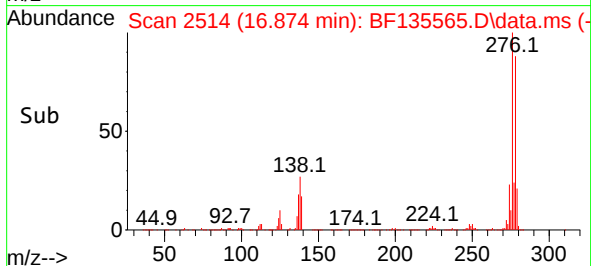
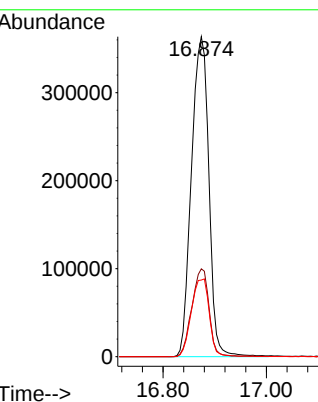
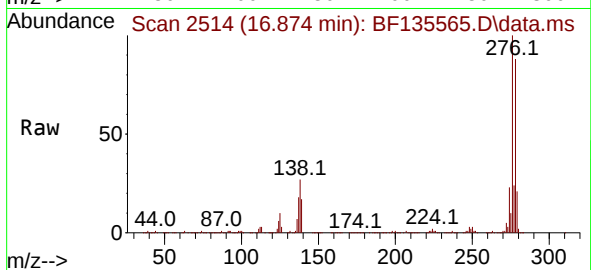
277 25.0 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#88

Benzo(b)fluoranthene

Concen: 47.463 ng

RT: 14.962 min Scan# 2189

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

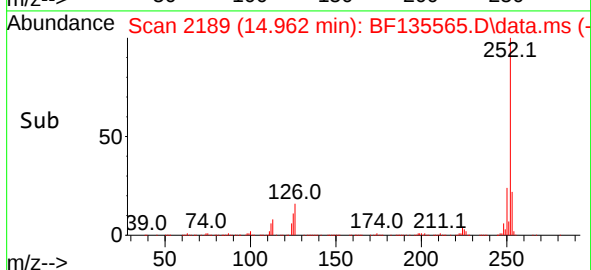
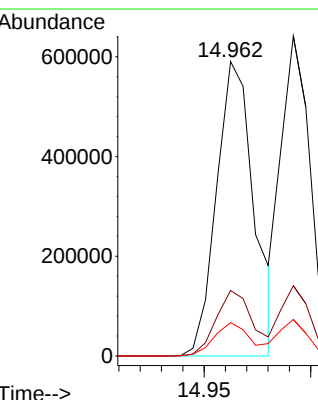
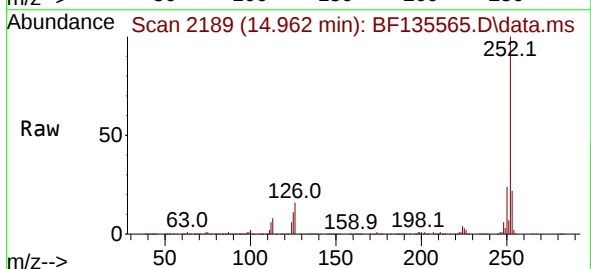
Tgt Ion:252 Resp: 722746

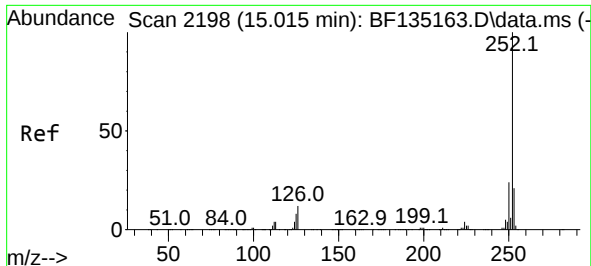
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 11.3 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 41.942 ng

RT: 14.992 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB156015BS

Tgt Ion:252 Resp: 63089

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

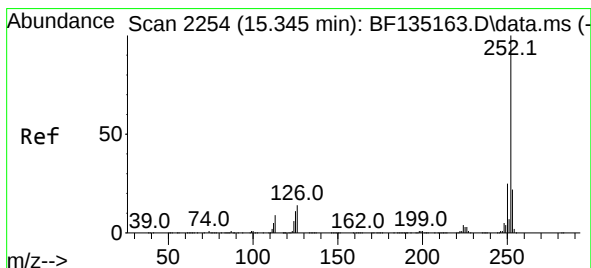
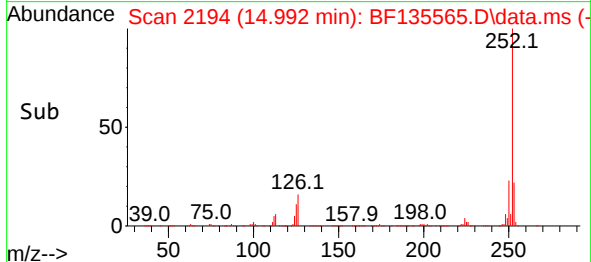
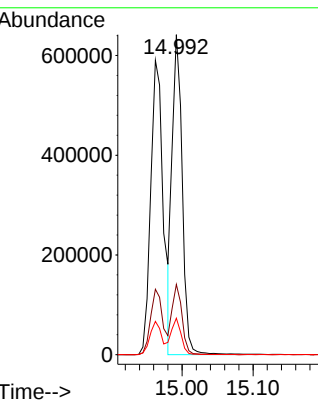
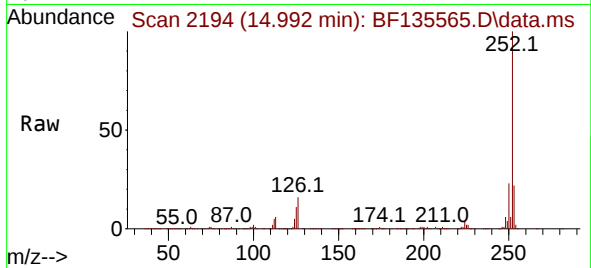
125 11.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#90

Benzo(a)pyrene

Concen: 42.560 ng

RT: 15.327 min Scan# 2251

Delta R.T. -0.006 min

Lab File: BF135565.D

Acq: 04 Oct 2023 11:44

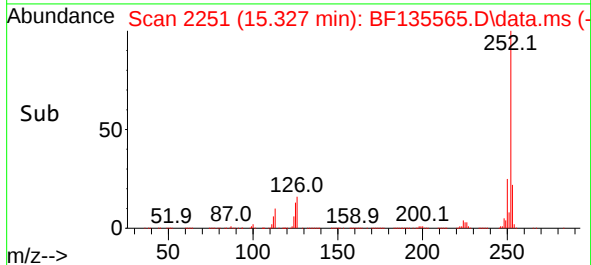
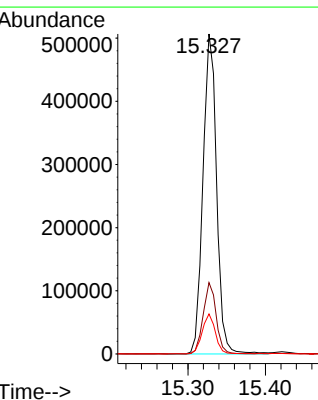
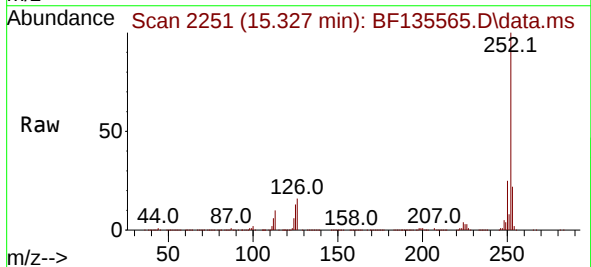
Tgt Ion:252 Resp: 618037

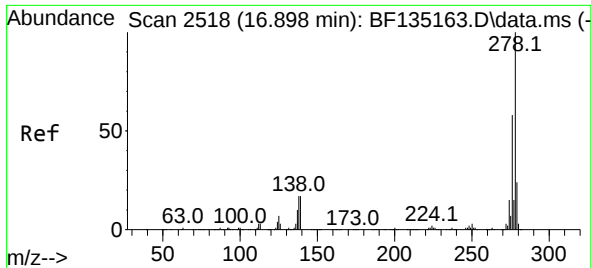
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 12.5 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 46.658 ng
RT: 16.880 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Instrument :

BNA_F

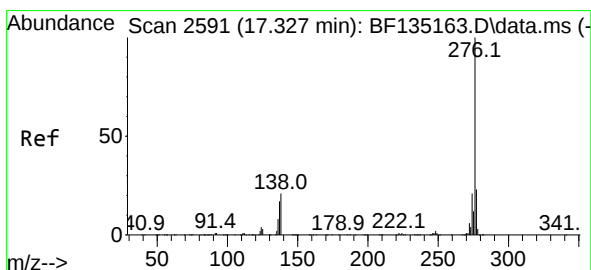
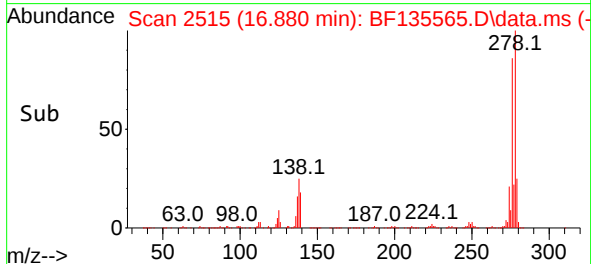
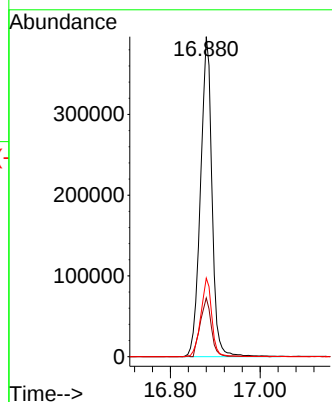
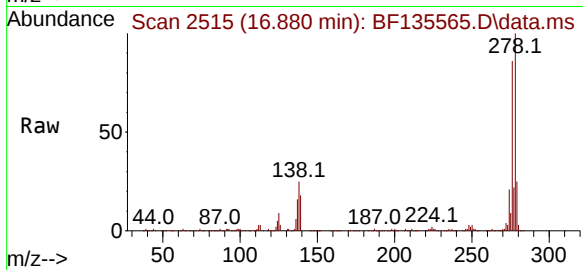
ClientSampleId :

PB156015BS

Tgt Ion:278 Resp: 70410
Ion Ratio Lower Upper
278 100
139 18.4 13.4 20.0
279 24.6 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#92
Benzo(g,h,i)perylene
Concen: 46.499 ng
RT: 17.315 min Scan# 2589
Delta R.T. -0.006 min
Lab File: BF135565.D
Acq: 04 Oct 2023 11:44

Tgt Ion:276 Resp: 732840
Ion Ratio Lower Upper
276 100
277 25.1 18.8 28.2
138 24.3 16.9 25.3

