

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135948.D
 Acq On : 25 Oct 2023 18:53
 Operator : CG\JU
 Sample : PB156138BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156138BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:31:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	174127	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	682507	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	343644	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	639795	20.000	ng	0.00
76) Chrysene-d12	14.009	240	396864	20.000	ng	0.00
86) Perylene-d12	15.486	264	369357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1487122	131.879	ng	0.02
7) Phenol-d6	6.463	99	1848086	131.642	ng	0.00
23) Nitrobenzene-d5	7.392	82	1037438	96.644	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	489641	162.785	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1883026	87.742	ng	0.00
79) Terphenyl-d14	12.951	244	2316356	97.517	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	186303	35.566	ng	99
3) Pyridine	3.463	79	497265	34.394	ng	98
4) n-Nitrosodimethylamine	3.428	42	272986	43.302	ng	96
6) Aniline	6.486	93	643874	34.061	ng	99
8) 2-Chlorophenol	6.610	128	565510	48.443	ng	97
9) Benzaldehyde	6.369	77	89995	11.850	ng	96
10) Phenol	6.475	94	686936m	46.805	ng	
11) bis(2-Chloroethyl)ether	6.563	93	521900	45.685	ng	96
12) 1,3-Dichlorobenzene	6.763	146	567995	45.808	ng	99
13) 1,4-Dichlorobenzene	6.839	146	575833	46.240	ng	97
14) 1,2-Dichlorobenzene	6.992	146	545721	47.191	ng	99
15) Benzyl Alcohol	6.969	79	429777	43.306	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	753010	44.759	ng	100
17) 2-Methylphenol	7.075	107	437140	42.487	ng	99
18) Hexachloroethane	7.333	117	202593	47.844	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	354146	44.361	ng	96
20) 3+4-Methylphenols	7.228	107	532811	42.908	ng	96
22) Acetophenone	7.239	105	715698	46.429	ng	# 90
24) Nitrobenzene	7.410	77	537290	47.562	ng	99
25) Isophorone	7.645	82	984015	45.612	ng	99
26) 2-Nitrophenol	7.722	139	234519	55.276	ng	98
27) 2,4-Dimethylphenol	7.757	122	427599	43.489	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	607490	45.856	ng	99
29) 2,4-Dichlorophenol	7.957	162	432456	49.117	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	471303	47.277	ng	99
31) Naphthalene	8.128	128	1492666	45.236	ng	100
32) Benzoic acid	7.886	122	295626	56.464	ng	90
33) 4-Chloroaniline	8.175	127	317097	21.742	ng	97
34) Hexachlorobutadiene	8.245	225	261395	46.521	ng	99
35) Caprolactam	8.545	113	154462m	52.718	ng	
36) 4-Chloro-3-methylphenol	8.657	107	460468	49.213	ng	98
37) 2-Methylnaphthalene	8.816	142	945389	43.302	ng	99
38) 1-Methylnaphthalene	8.916	142	928410	45.510	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	435786	44.899	ng	99
41) Hexachlorocyclopentadiene	8.975	237	487247	101.811	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	290394	51.119	ng	99

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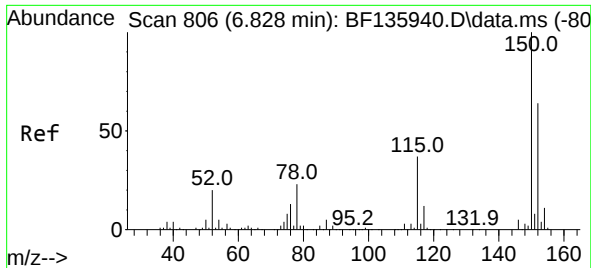
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	326872	48.463	ng	96
46) 1,1'-Biphenyl	9.286	154	1184775	45.500	ng	99
47) 2-Chloronaphthalene	9.310	162	913001	47.404	ng	98
48) 2-Nitroaniline	9.404	65	273794	51.245	ng	98
49) Acenaphthylene	9.727	152	1463691	48.172	ng	99
50) Dimethylphthalate	9.592	163	1025827	46.032	ng	99
51) 2,6-Dinitrotoluene	9.651	165	230005	49.603	ng	# 84
52) Acenaphthene	9.898	154	970681m	49.848	ng	
53) 3-Nitroaniline	9.816	138	195666	36.592	ng	95
54) 2,4-Dinitrophenol	9.922	184	185469	92.712	ng	96
55) Dibenzofuran	10.069	168	1293045	45.965	ng	99
56) 4-Nitrophenol	9.974	139	448772	98.291	ng	91
57) 2,4-Dinitrotoluene	10.051	165	307830	53.120	ng	92
58) Fluorene	10.416	166	963015	45.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	280530	55.272	ng	99
60) Diethylphthalate	10.298	149	992129	46.687	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	455476	44.865	ng	99
62) 4-Nitroaniline	10.439	138	262500	47.960	ng	94
63) Azobenzene	10.569	77	986700	45.753	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	122991	55.128	ng	96
66) n-Nitrosodiphenylamine	10.527	169	898793	46.502	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	306089	46.715	ng	99
68) Hexachlorobenzene	10.957	284	346808	49.549	ng	99
69) Atrazine	11.063	200	298011	56.559	ng	99
70) Pentachlorophenol	11.157	266	401857	89.996	ng	99
71) Phenanthrene	11.380	178	1533549	47.377	ng	99
72) Anthracene	11.433	178	1543823	46.580	ng	99
73) Carbazole	11.586	167	1415837	47.888	ng	99
74) Di-n-butylphthalate	11.927	149	1523740	48.433	ng	100
75) Fluoranthene	12.574	202	1629007	47.837	ng	99
77) Benzidine	12.698	184	415604	54.310	ng	100
78) Pyrene	12.804	202	1667935	50.055	ng	100
80) Butylbenzylphthalate	13.433	149	626338	49.597	ng	94
81) Benzo(a)anthracene	13.998	228	1346926	49.915	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	342740	41.748	ng	99
83) Chrysene	14.033	228	1259342	47.917	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	729176	53.215	ng	100
85) Di-n-octyl phthalate	14.621	149	1176217	54.491	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1187166	56.683	ng	99
88) Benzo(b)fluoranthene	15.057	252	1121288	51.011	ng	100
89) Benzo(k)fluoranthene	15.086	252	1047473	48.520	ng	99
90) Benzo(a)pyrene	15.427	252	967471	47.756	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	982018	54.817	ng	100
92) Benzo(g,h,i)perylene	17.456	276	964189	47.389	ng	99

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



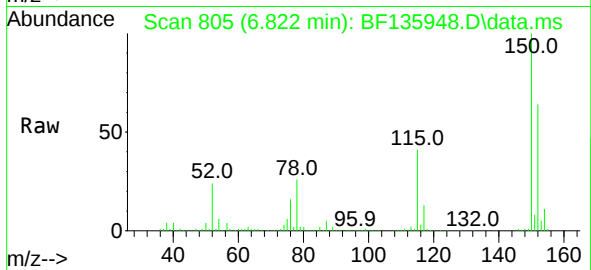
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

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PB156138BS

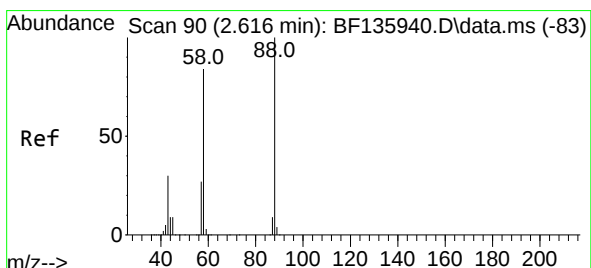
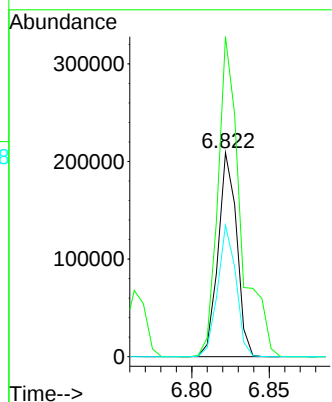
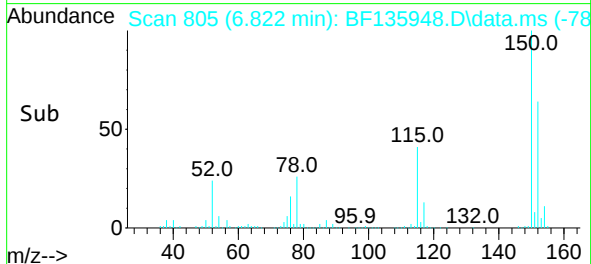


Tgt Ion:152 Resp: 17412
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 64.5 46.6 69.8

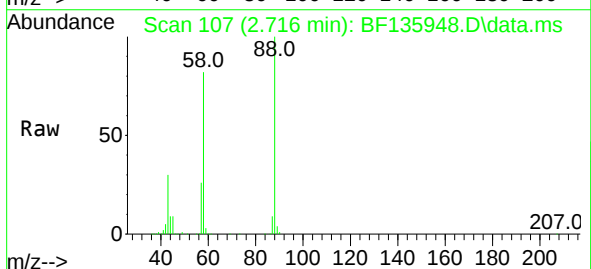
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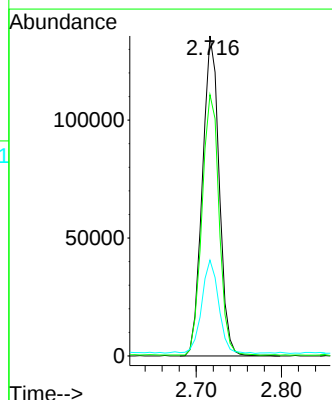
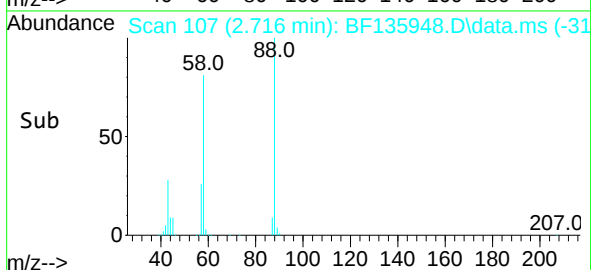
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

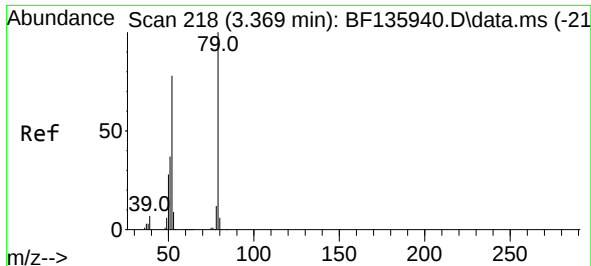


#2
1,4-Dioxane
Concen: 35.566 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.100 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



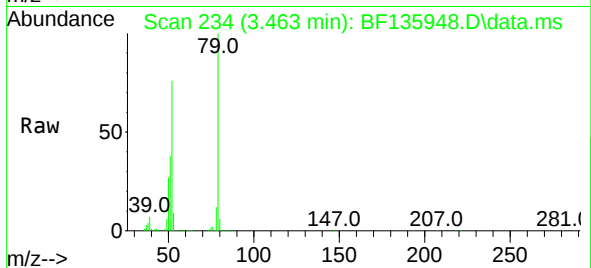
Tgt Ion: 88 Resp: 186303
Ion Ratio Lower Upper
88 100
58 82.6 66.6 100.0
43 29.5 23.8 35.8





#3
Pyridine
Concen: 34.394 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

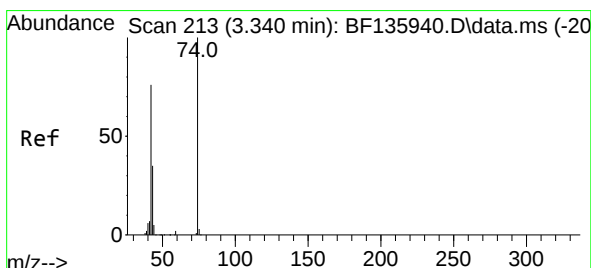
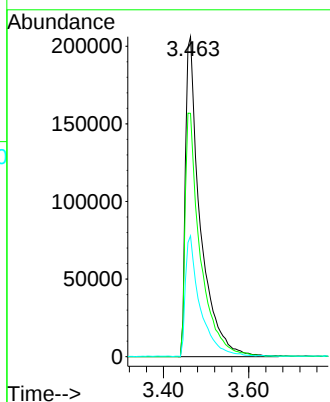
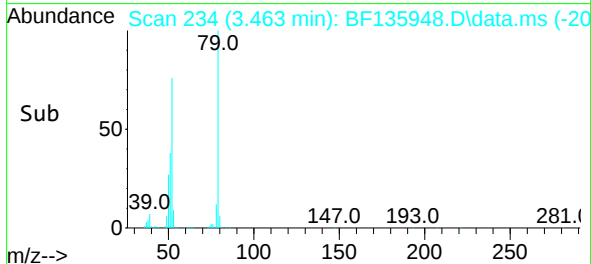
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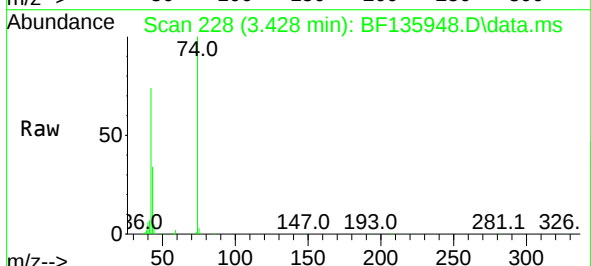
Tgt Ion: 79 Resp: 49726
Ion Ratio Lower Upper
79 100
52 76.1 62.6 93.8
51 37.8 29.8 44.8

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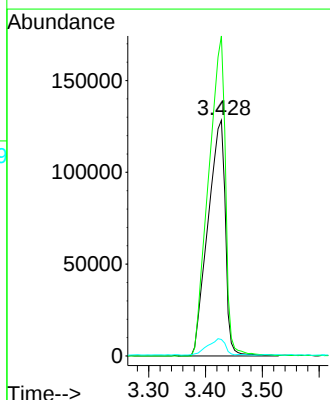
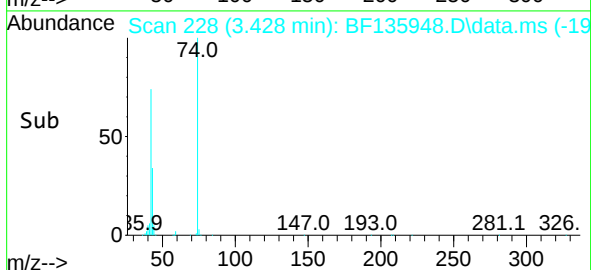
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 43.302 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion: 42 Resp: 272986
Ion Ratio Lower Upper
42 100
74 135.8 104.8 157.2
44 7.0 5.9 8.9





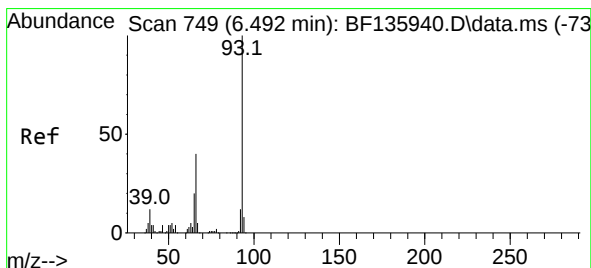
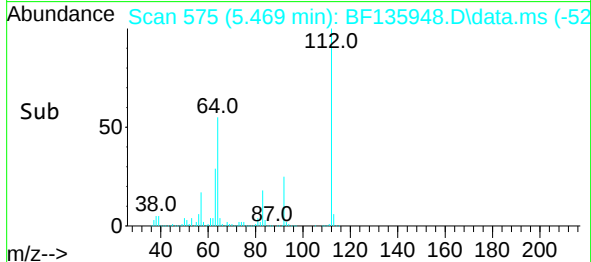
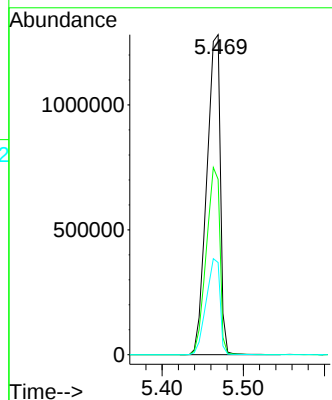
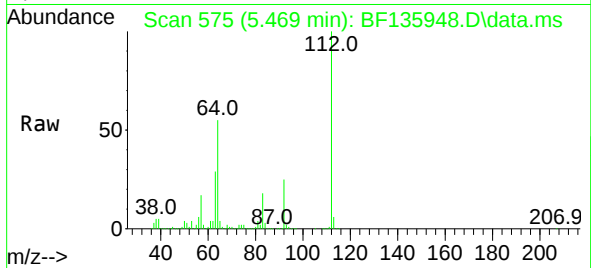
#5
2-Fluorophenol
Concen: 131.879 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :
BNA_F
ClientSampleId :
PB156138BS

Tgt Ion:112 Resp: 148712
Ion Ratio Lower Upper
112 100
64 54.8 45.1 67.7
63 28.8 23.0 34.4

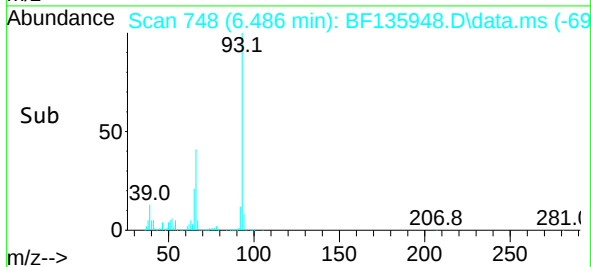
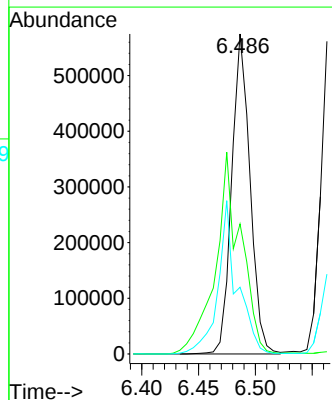
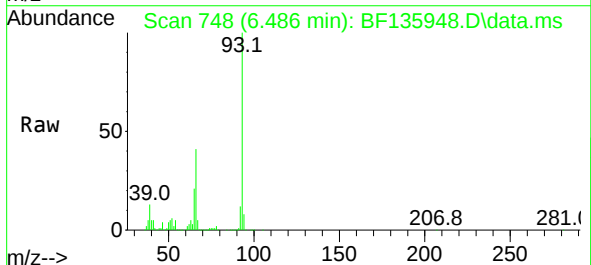
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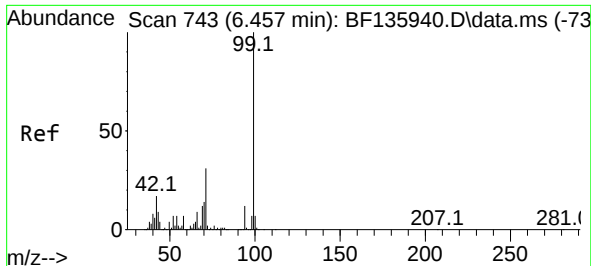
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 34.061 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

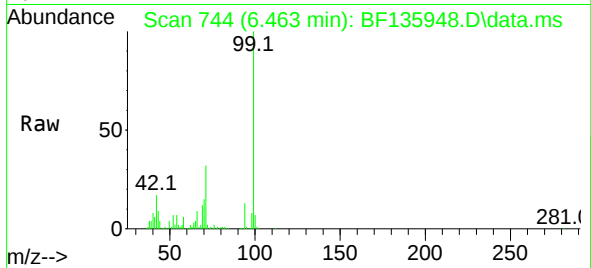
Tgt Ion: 93 Resp: 643874
Ion Ratio Lower Upper
93 100
66 40.6 32.0 48.0
65 20.8 16.2 24.4





#7
Phenol-d6
Concen: 131.642 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

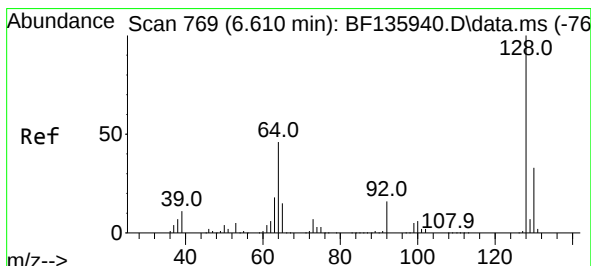
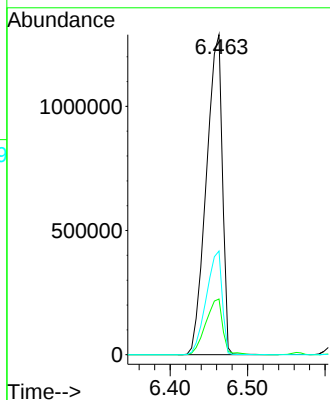
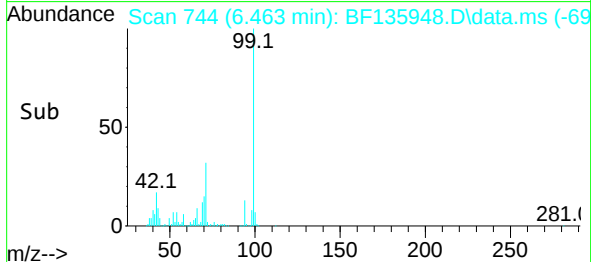
Instrument :
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Tgt Ion: 99 Resp: 184808
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 32.4 25.1 37.7

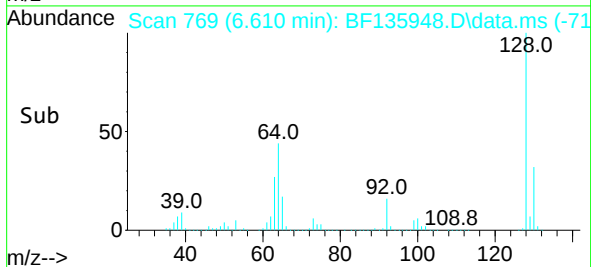
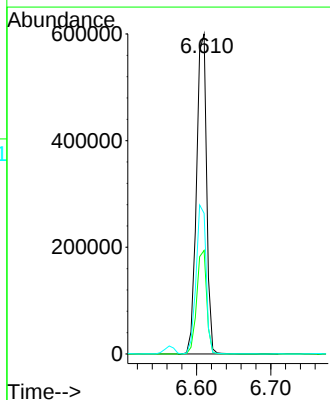
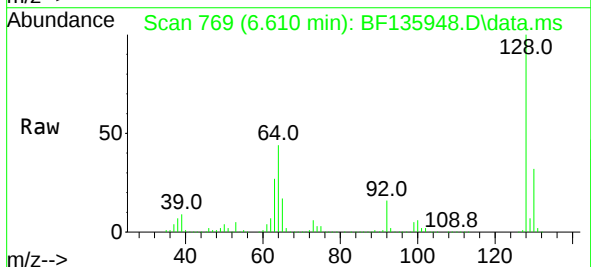
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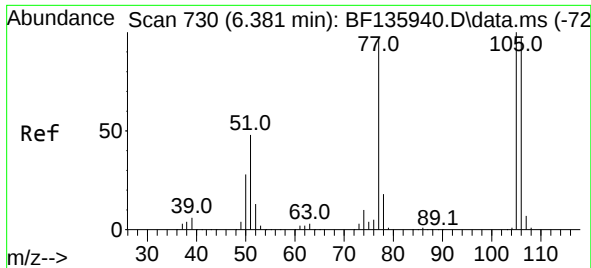
Reviewed By :Yogesh Patel 10/26/2023
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#8
2-Chlorophenol
Concen: 48.443 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:128 Resp: 565510
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 44.0 27.0 67.0





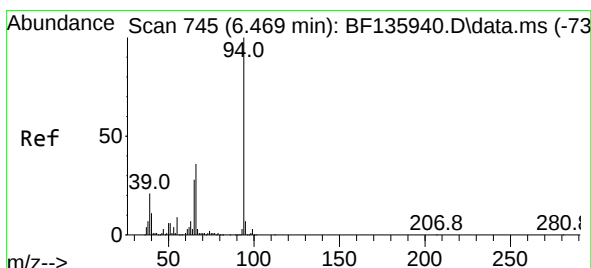
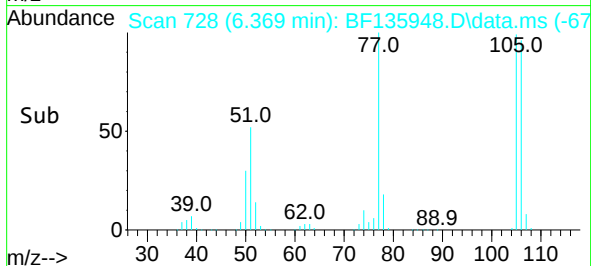
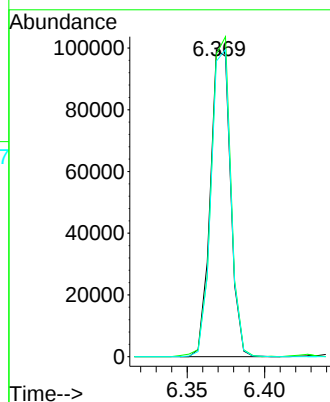
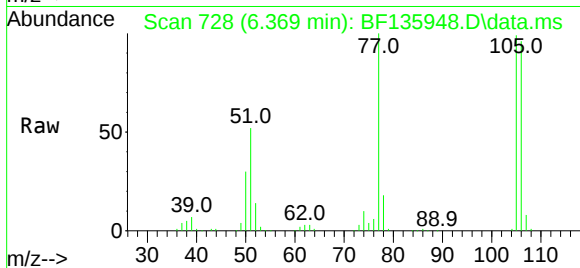
#9
Benzaldehyde
Concen: 11.850 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.012 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :
BNA_F
ClientSampleId :
PB156138BS

Tgt Ion: 77 Resp: 8999
Ion Ratio Lower Upper
77 100
105 98.6 83.2 123.2
106 96.3 80.0 120.0

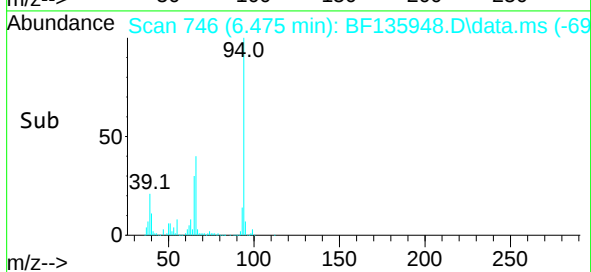
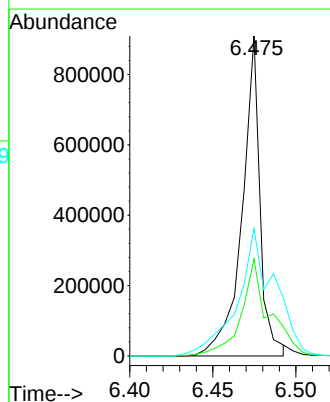
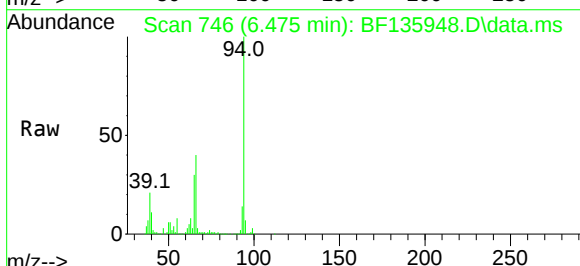
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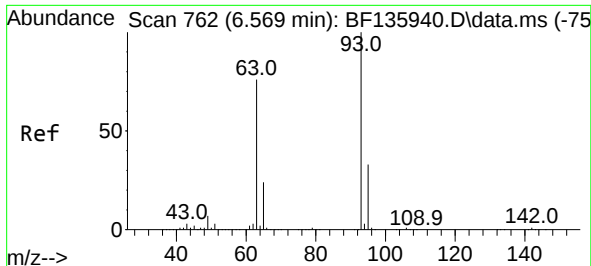
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#10
Phenol
Concen: 46.805 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion: 94 Resp: 686936
Ion Ratio Lower Upper
94 100
65 30.3 7.8 47.8
66 39.8 16.5 56.5





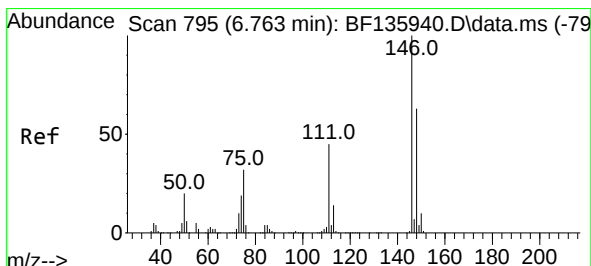
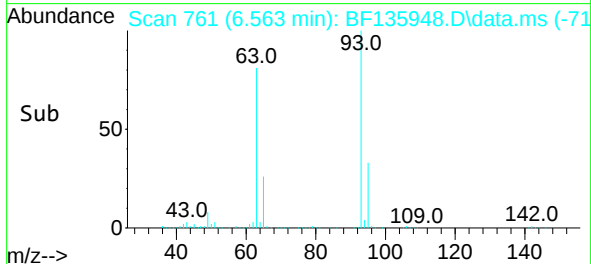
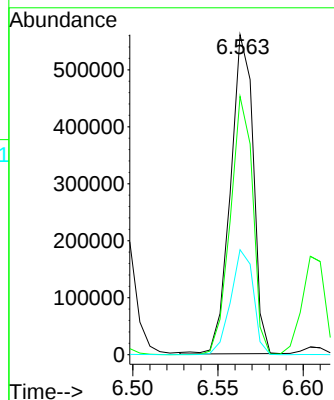
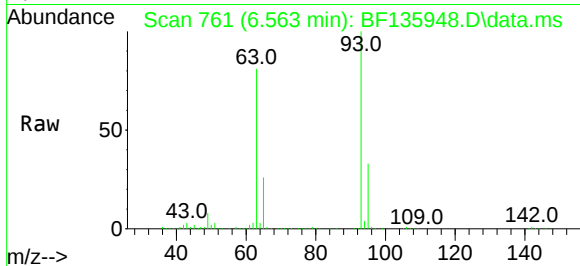
#11
bis(2-Chloroethyl)ether
Concen: 45.685 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :
BNA_F
ClientSampleId :
PB156138BS

Tgt Ion: 93 Resp: 521900
Ion Ratio Lower Upper
93 100
63 80.7 56.2 96.2
95 32.8 12.9 52.9

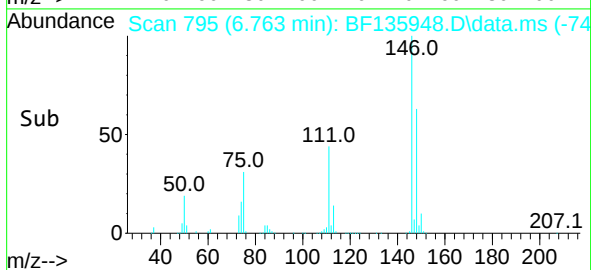
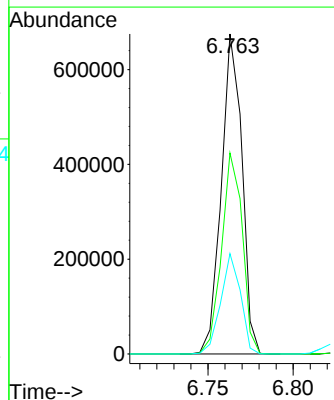
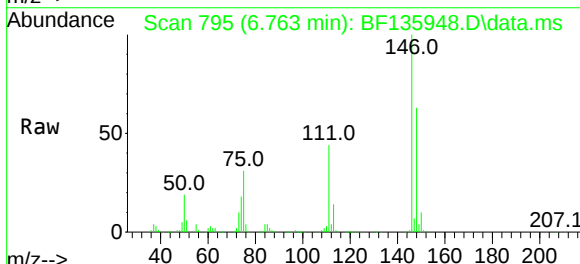
Manual Integrations
APPROVED

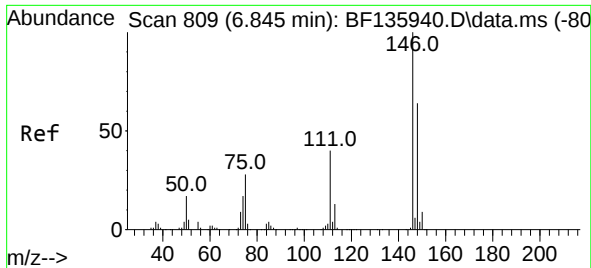
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 45.808 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:146 Resp: 567995
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 31.4 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 46.240 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

Tgt Ion:146 Resp: 57583

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

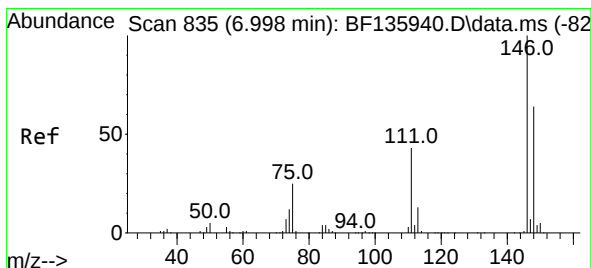
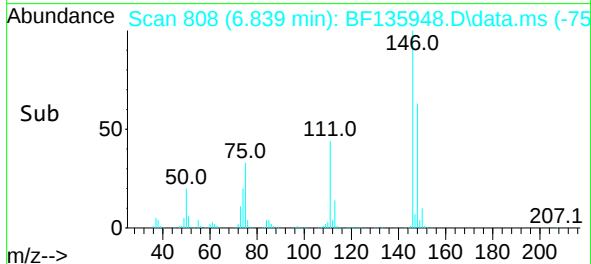
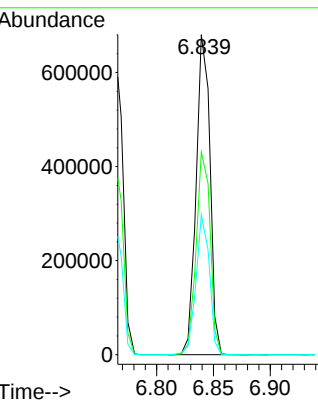
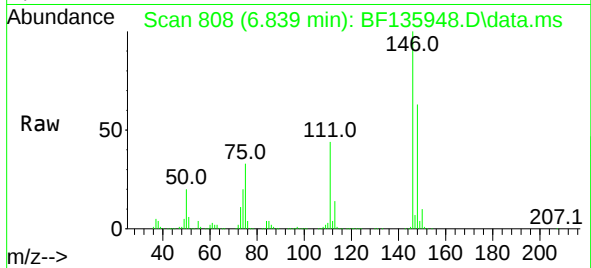
111 43.6 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#14

1,2-Dichlorobenzene

Concen: 47.191 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

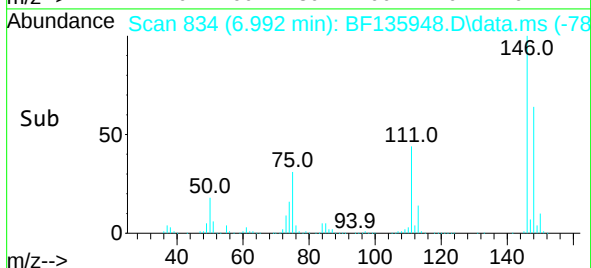
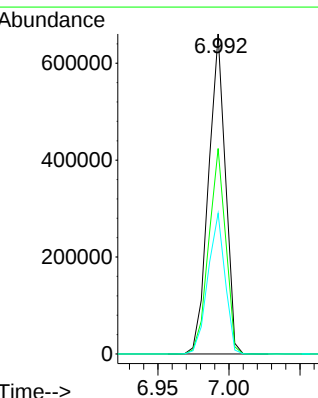
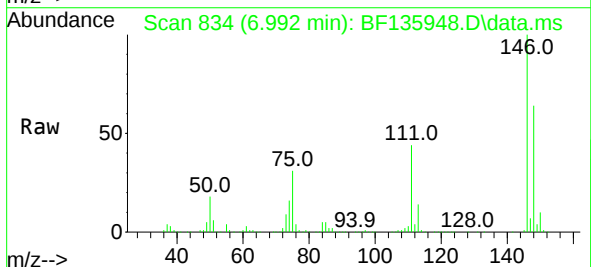
Tgt Ion:146 Resp: 545721

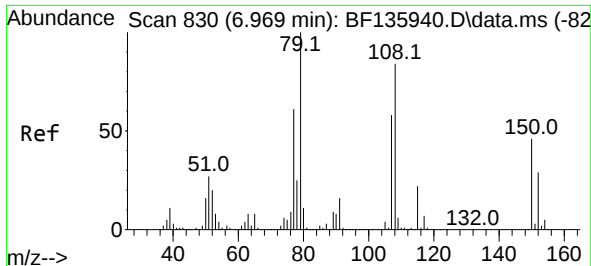
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 43.9 34.2 51.4





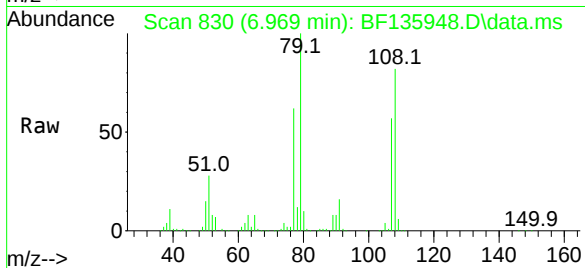
#15
Benzyl Alcohol
Concen: 43.306 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

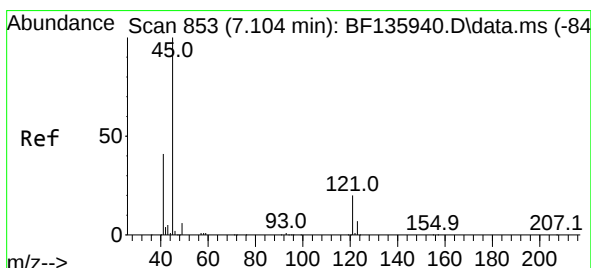
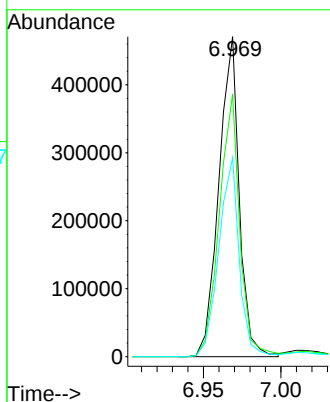
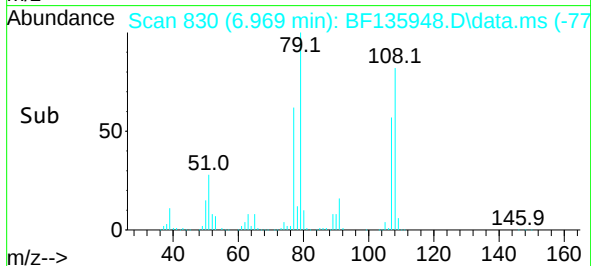


Tgt Ion: 79 Resp: 429777
Ion Ratio Lower Upper
79 100
108 82.0 67.2 100.8
77 62.2 49.0 73.6

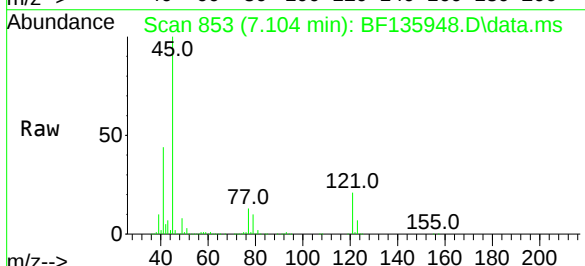
Manual Integrations

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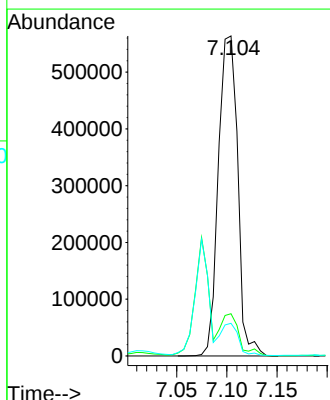
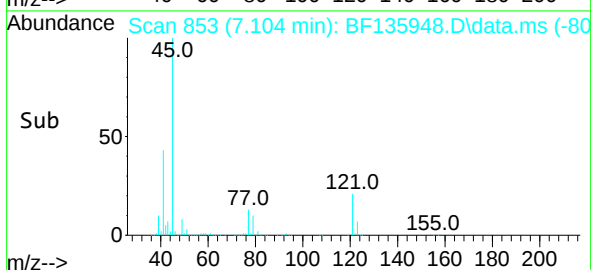
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

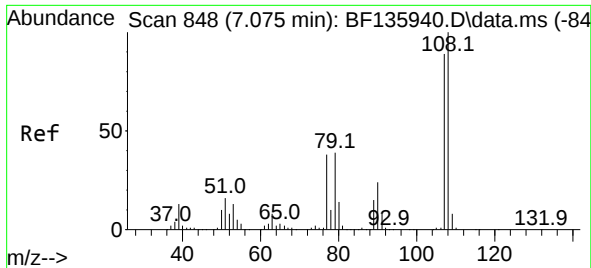


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.759 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



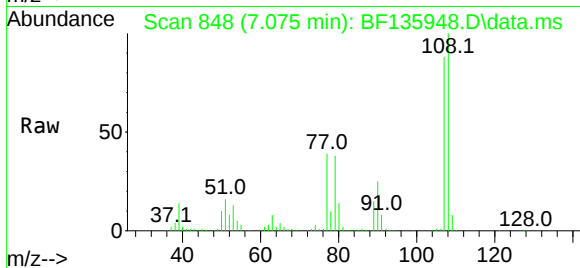
Tgt Ion: 45 Resp: 753010
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.2
79 10.2 0.0 29.8





#17
2-Methylphenol
Concen: 42.487 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

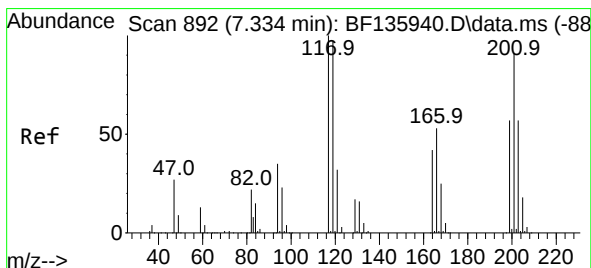
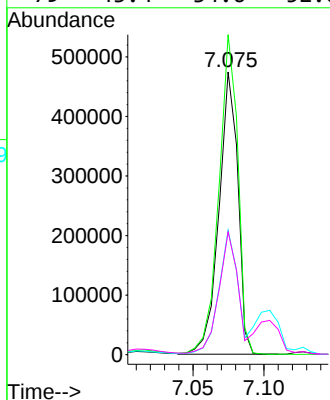
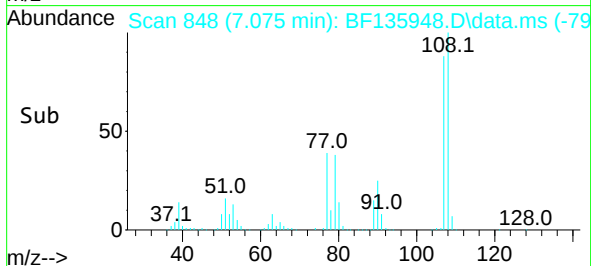
Instrument :
BNA_F
ClientSampleId :
PB156138BS



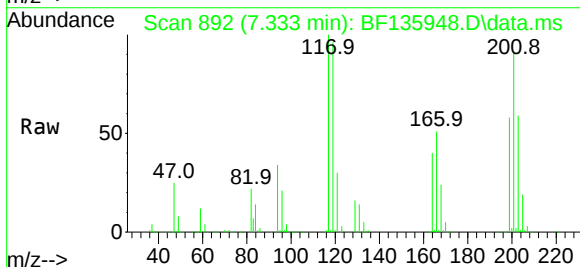
Tgt Ion:107 Resp: 437140
Ion Ratio Lower Upper
107 100
108 113.2 89.8 134.6
77 44.0 34.2 51.2
79 43.4 34.6 52.0

Manual Integrations
APPROVED

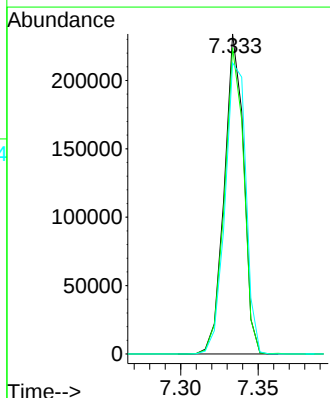
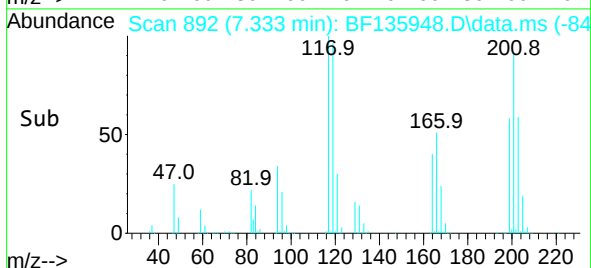
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

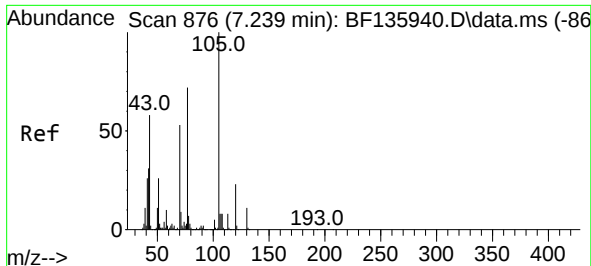


#18
Hexachloroethane
Concen: 47.844 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:117 Resp: 202593
Ion Ratio Lower Upper
117 100
119 95.7 77.3 115.9
201 91.0 72.8 109.2





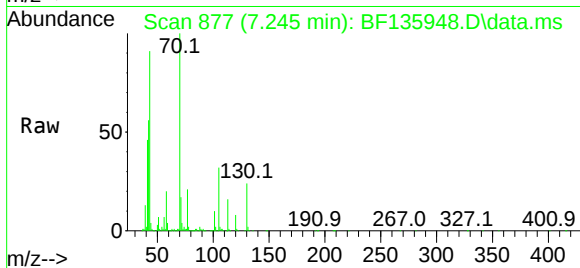
#19
n-Nitroso-di-n-propylamine
Concen: 44.361 ng
RT: 7.245 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

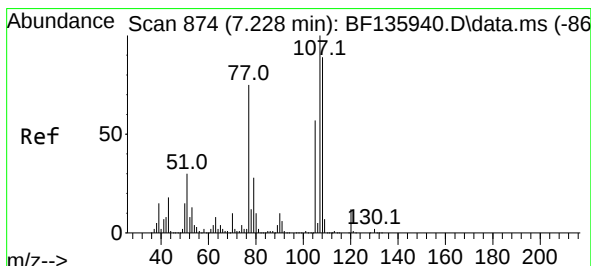
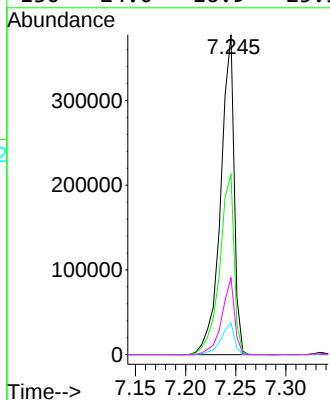
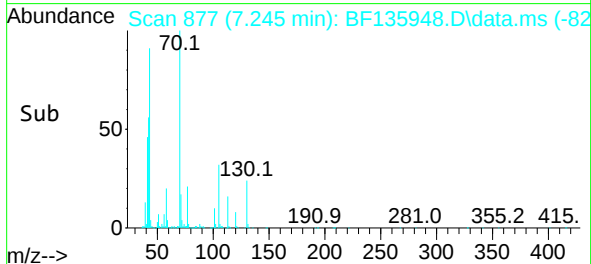


Tgt Ion: 70 Resp: 354140
Ion Ratio Lower Upper
70 100
42 56.2 47.3 70.9
101 10.0 7.8 11.8
130 24.0 16.9 25.3

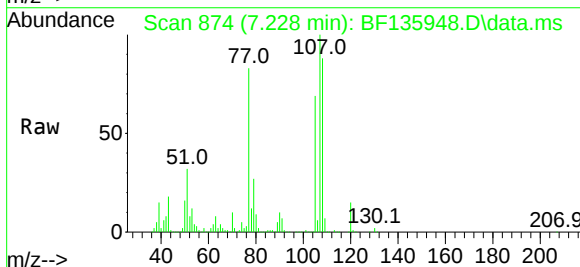
Manual Integrations

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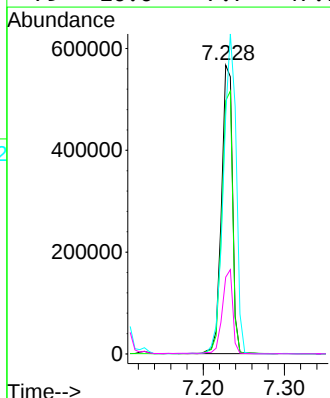
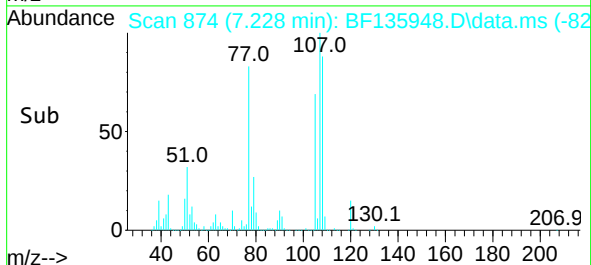
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

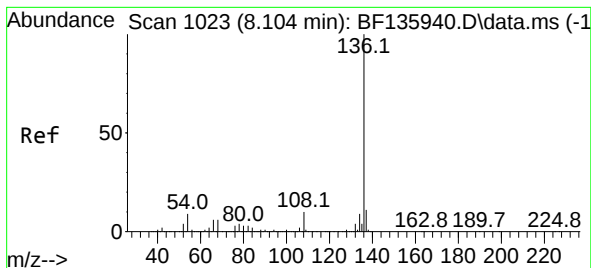


#20
3+4-Methylphenols
Concen: 42.908 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:107 Resp: 532811
Ion Ratio Lower Upper
107 100
108 87.7 69.1 109.1
77 82.6 55.0 95.0
79 26.6 7.7 47.7





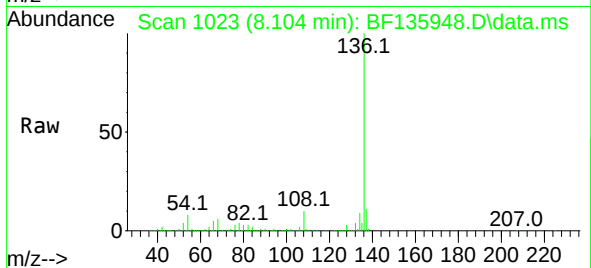
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

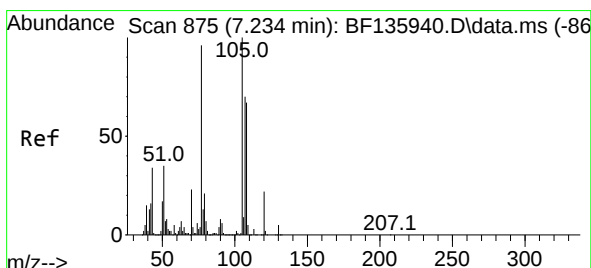
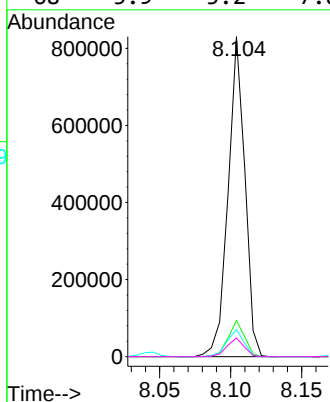
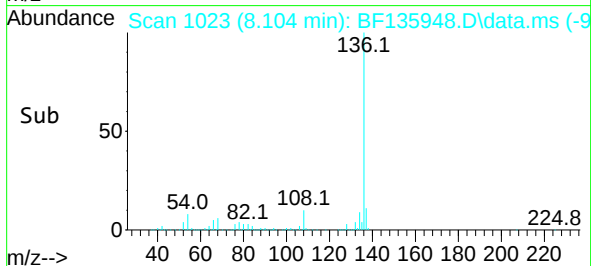
PB156138BS



Tgt Ion:136 Resp: 68250
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.5 7.1 10.7
68 5.9 5.2 7.8

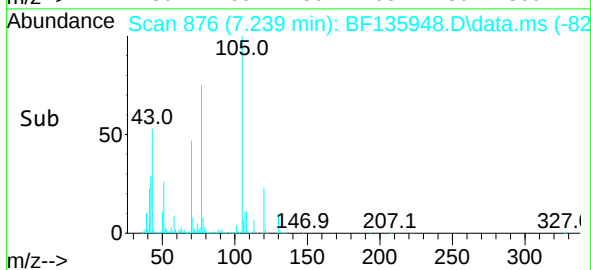
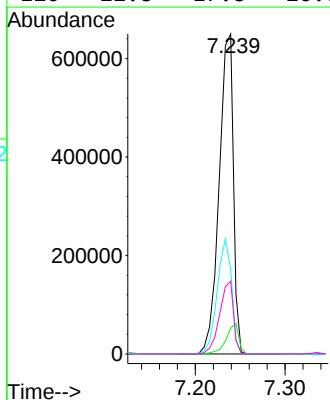
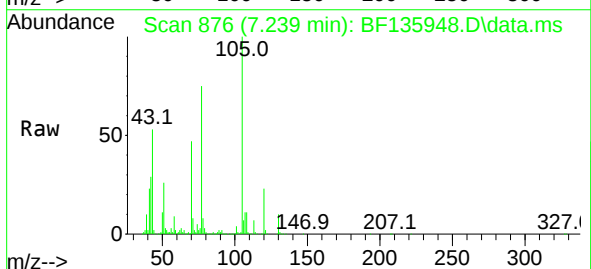
Manual Integrations
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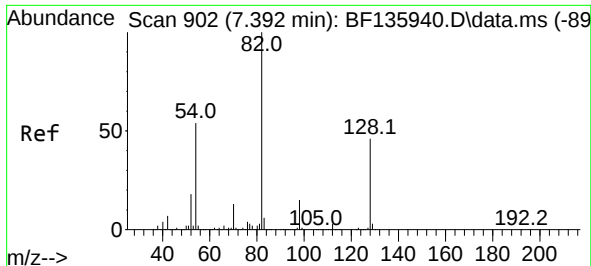
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 46.429 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:105 Resp: 715698
Ion Ratio Lower Upper
105 100
71 8.0 3.4 5.2#
51 26.3 28.4 42.6#
120 22.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 96.644 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

Tgt Ion: 82 Resp: 1037438

Ion Ratio Lower Upper

82 100

128 48.6 36.8 55.2

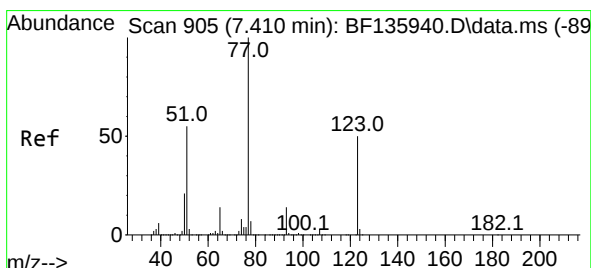
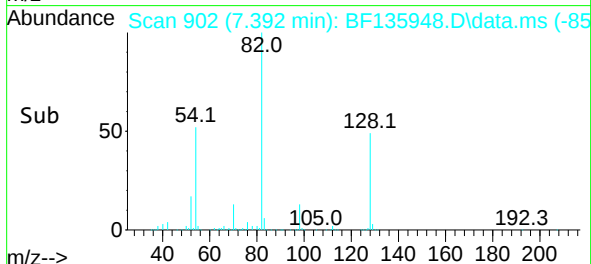
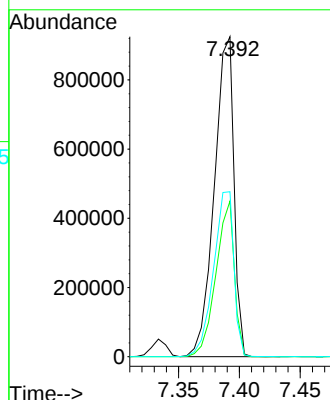
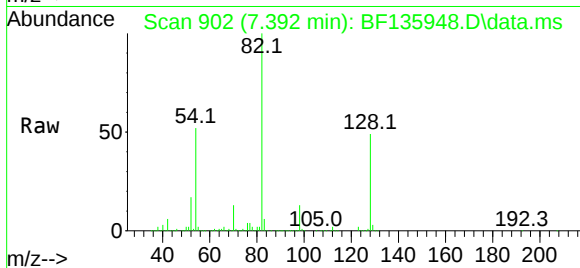
54 51.6 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#24

Nitrobenzene

Concen: 47.562 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

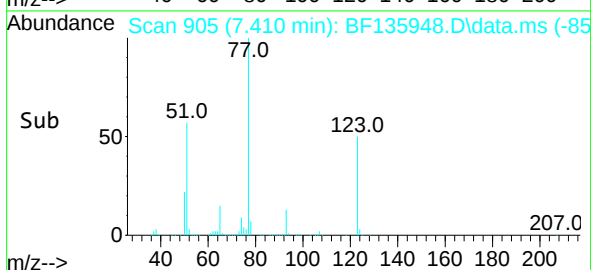
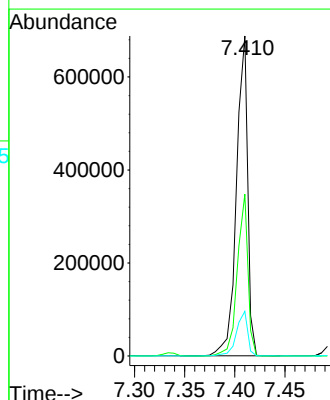
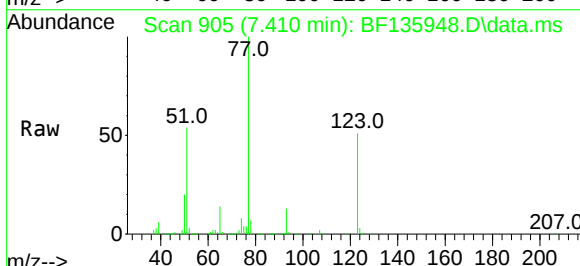
Tgt Ion: 77 Resp: 537290

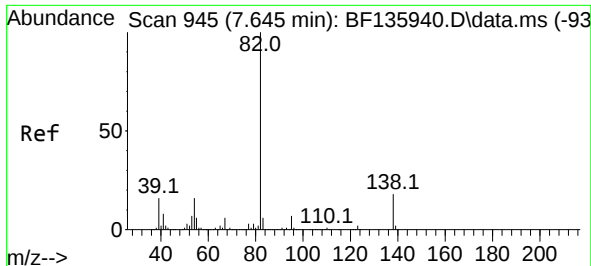
Ion Ratio Lower Upper

77 100

123 50.5 40.2 60.2

65 13.9 11.0 16.4





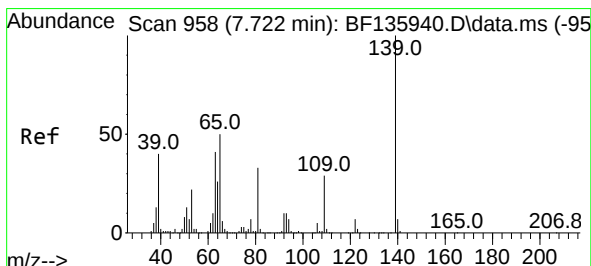
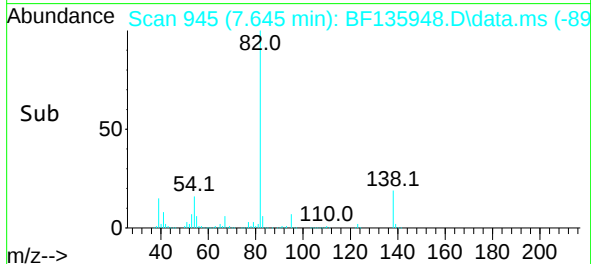
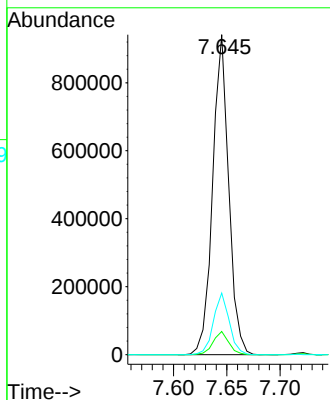
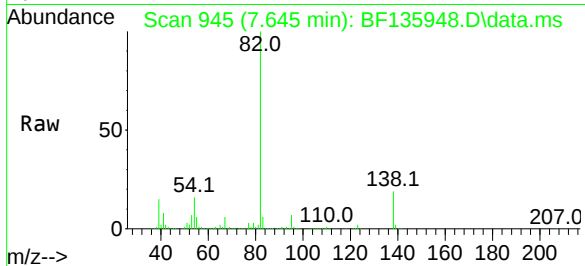
#25
Isophorone
Concen: 45.612 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :
BNA_F
ClientSampleId :
PB156138BS

Tgt Ion: 82 Resp: 984015
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 19.2 14.8 22.2

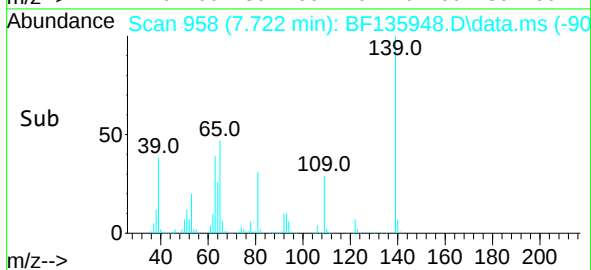
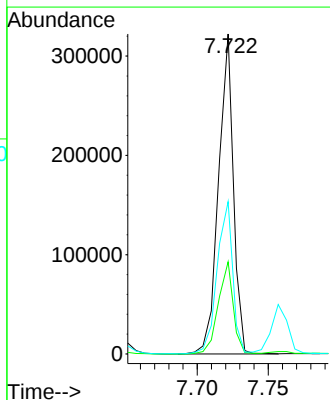
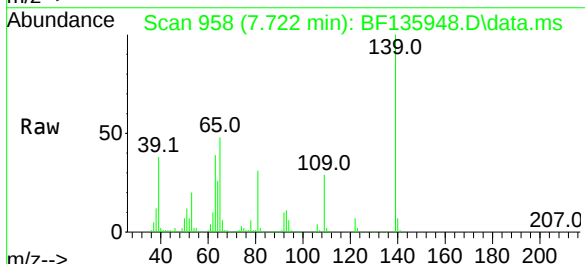
Manual Integrations
APPROVED

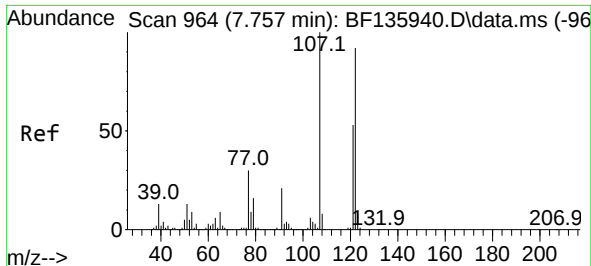
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#26
2-Nitrophenol
Concen: 55.276 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:139 Resp: 234519
Ion Ratio Lower Upper
139 100
109 28.8 23.1 34.7
65 47.6 39.8 59.8





#27
2,4-Dimethylphenol
Concen: 43.489 ng
RT: 7.757 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

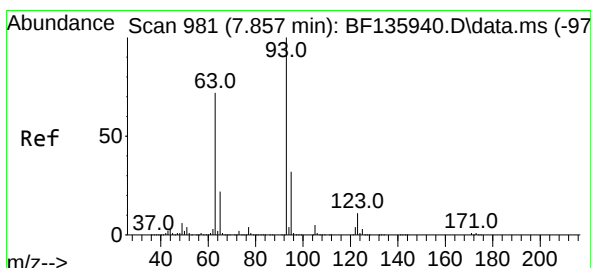
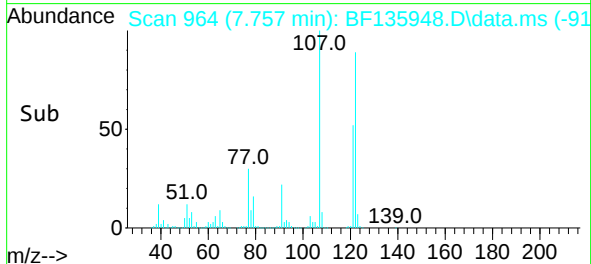
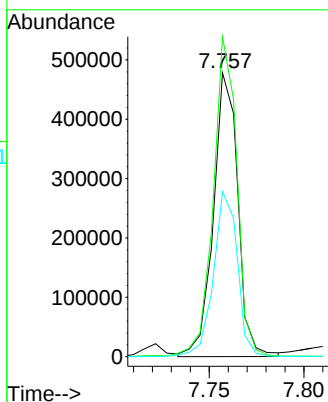
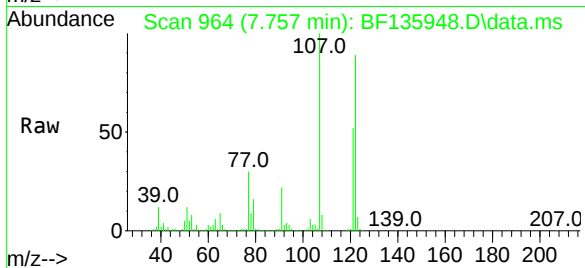
PB156138BS

Tgt Ion:122 Resp: 427599
Ion Ratio Lower Upper
122 100
107 112.7 87.1 130.7
121 58.1 45.9 68.9

Manual Integrations

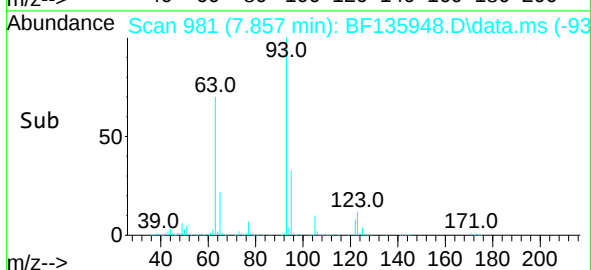
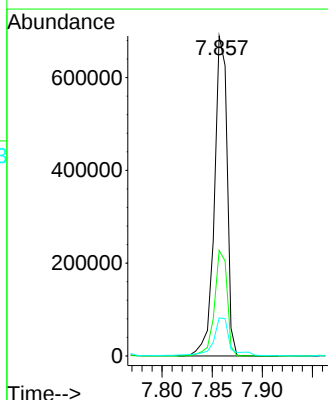
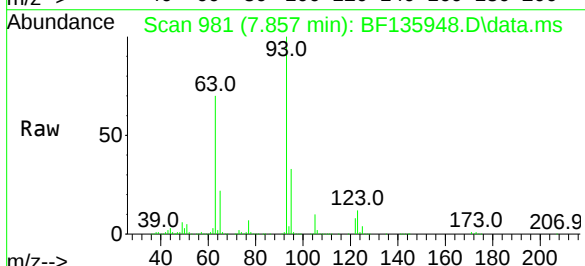
APPROVED

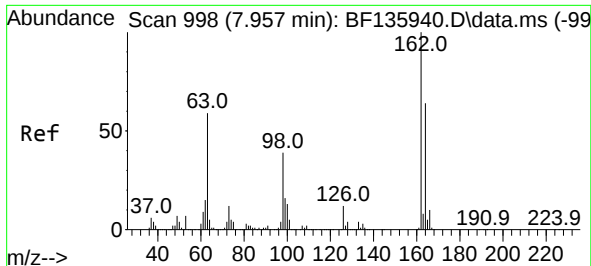
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.856 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion: 93 Resp: 607490
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 11.9 9.0 13.6





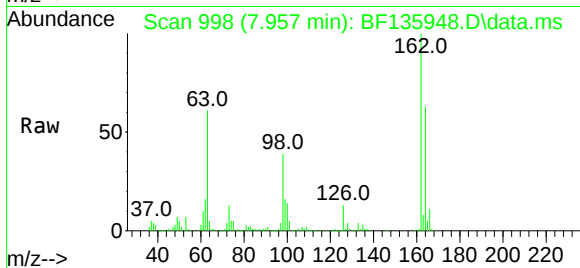
#29
2,4-Dichlorophenol
Concen: 49.117 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

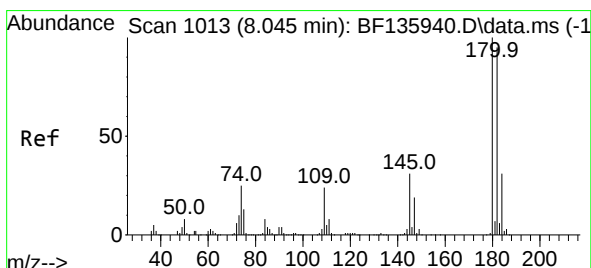
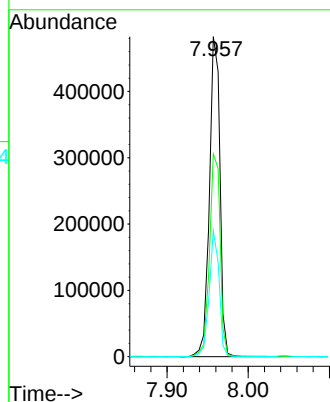
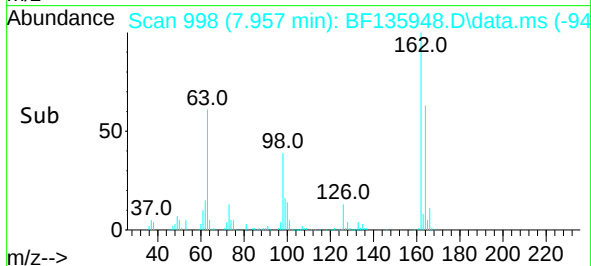
PB156138BS



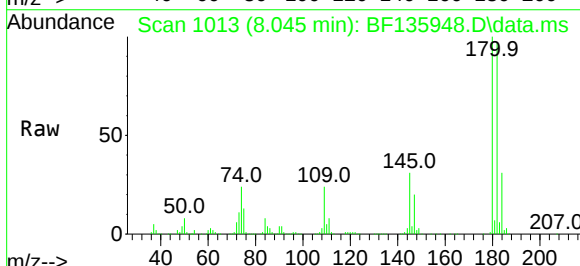
Tgt Ion:162 Resp: 432450
Ion Ratio Lower Upper
162 100
164 63.4 43.7 83.7
98 39.4 18.8 58.8

Manual Integrations
APPROVED

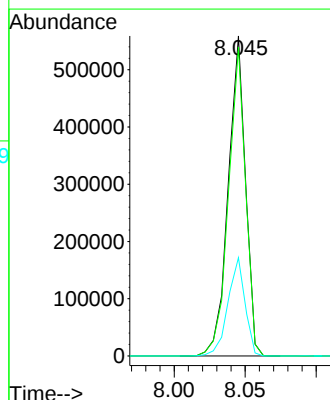
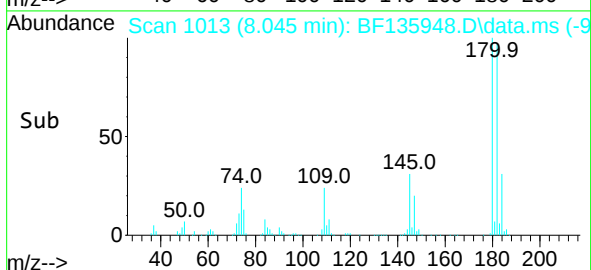
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

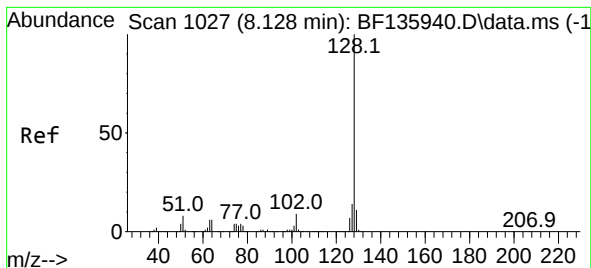


#30
1,2,4-Trichlorobenzene
Concen: 47.277 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:180 Resp: 471303
Ion Ratio Lower Upper
180 100
182 96.6 76.0 114.0
145 30.7 24.6 36.8





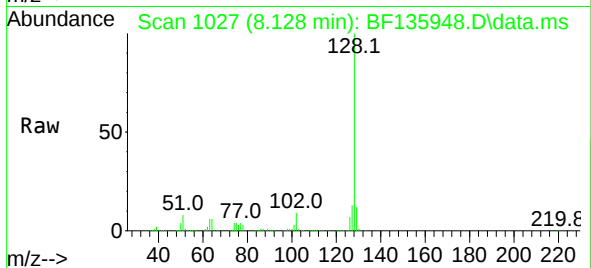
#31
Naphthalene
Concen: 45.236 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



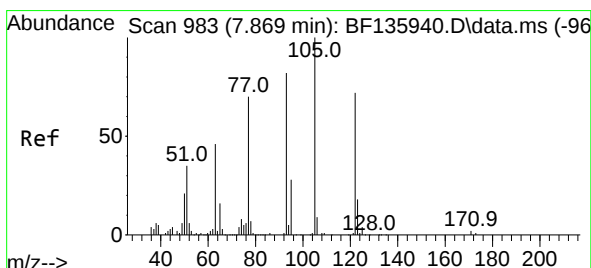
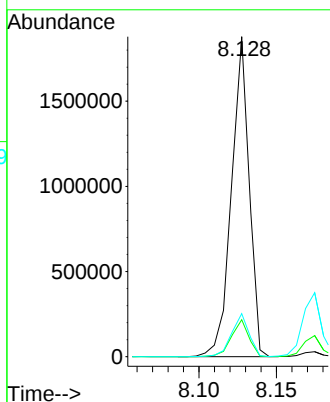
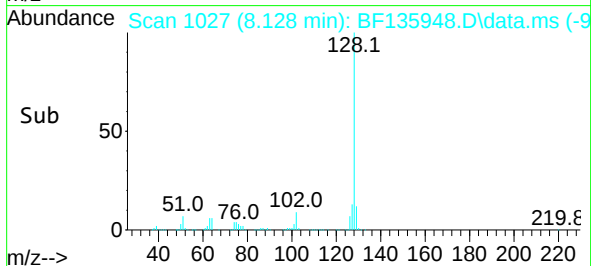
Tgt Ion:128 Resp: 1492660
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.5 10.9 16.3

Manual Integrations

APPROVED

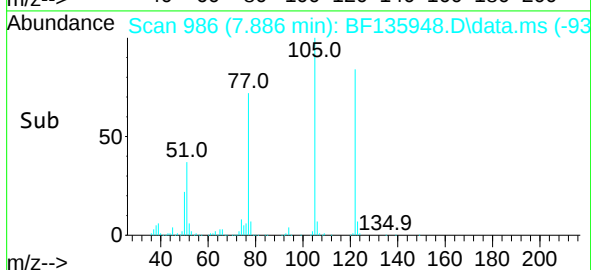
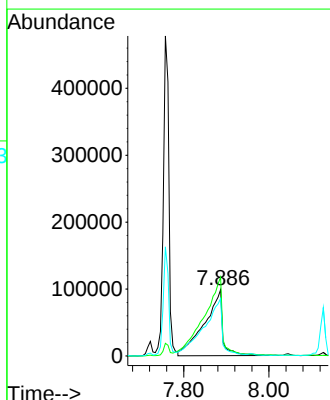
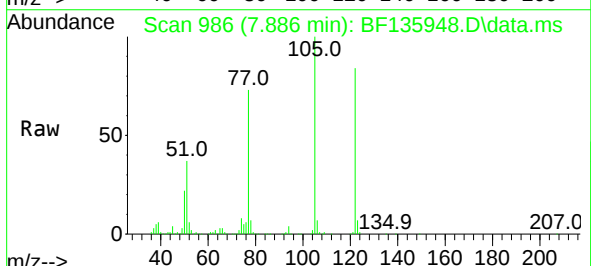
Reviewed By :Yogesh Patel 10/26/2023

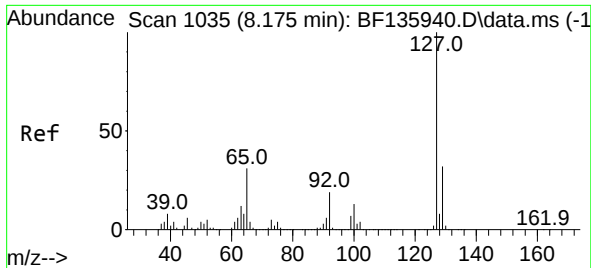
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 56.464 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:122 Resp: 295626
Ion Ratio Lower Upper
122 100
105 119.3 113.1 153.1
77 86.8 75.2 115.2





#33

4-Chloroaniline

Concen: 21.742 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

Tgt Ion:127 Resp: 31709

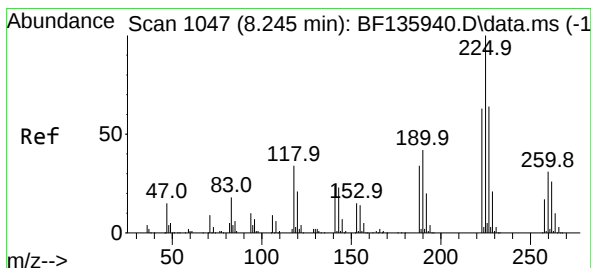
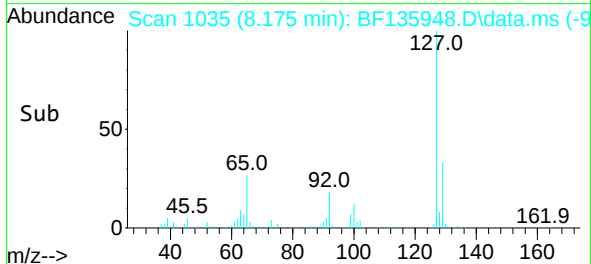
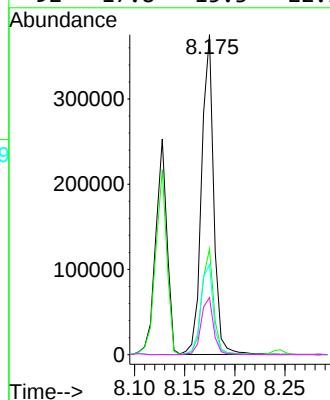
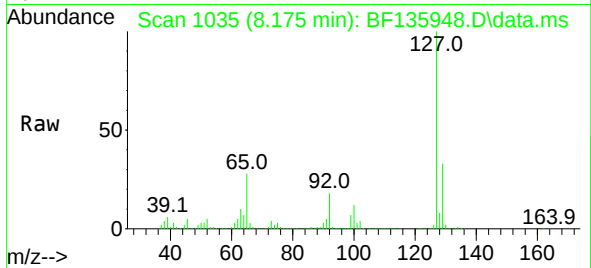
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	28.1	24.8	37.2
92	17.8	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#34

Hexachlorobutadiene

Concen: 46.521 ng

RT: 8.245 min Scan# 1047

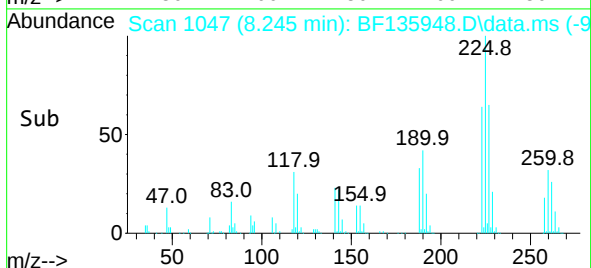
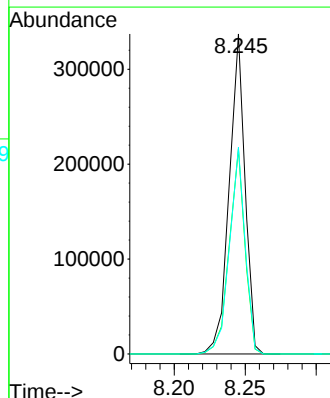
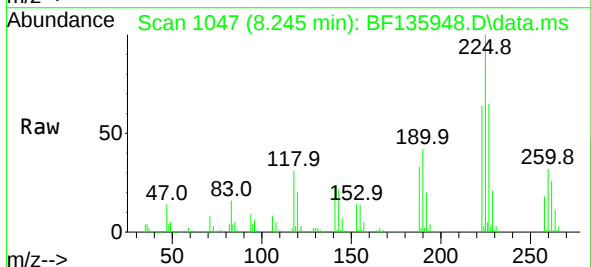
Delta R.T. -0.000 min

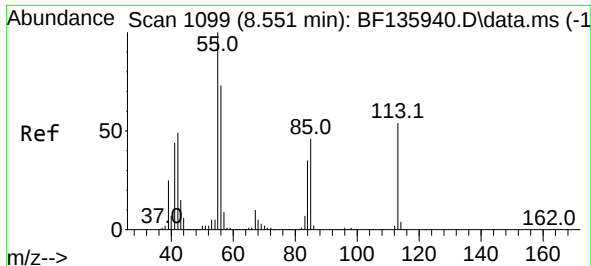
Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Tgt Ion:225 Resp: 261395

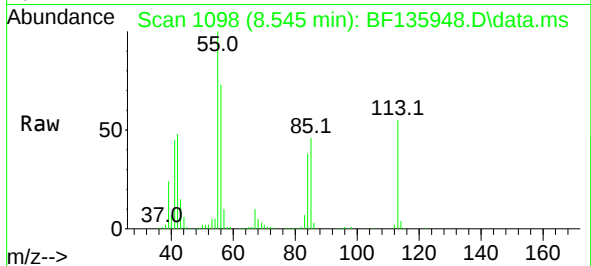
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	75.8
227	64.5	50.9	76.3





#35
 Caprolactam
 Concen: 52.718 ng/ml
 RT: 8.545 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF135948.D
 Acq: 25 Oct 2023 18:53

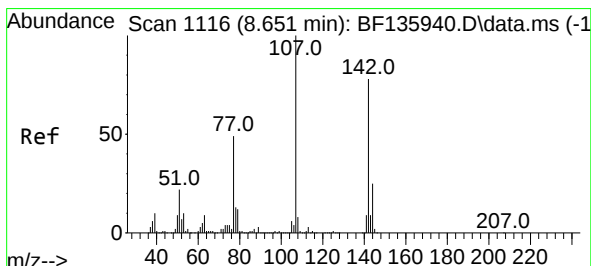
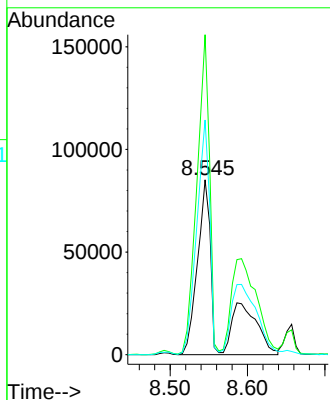
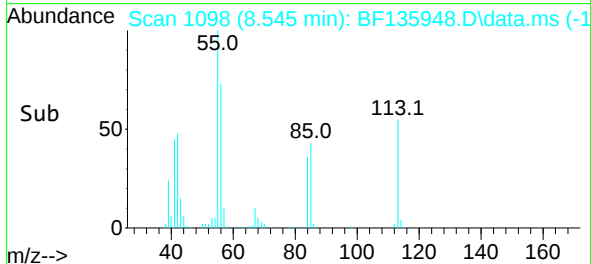
Instrument :
 BNA_F
 ClientSampleId :
 PB156138BS



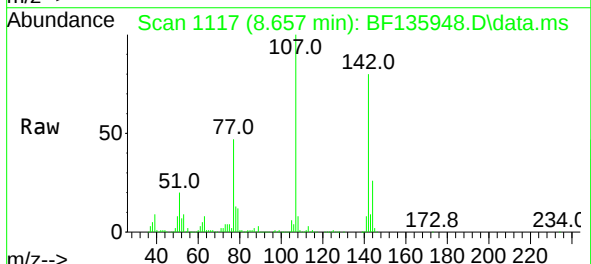
Tgt Ion:113 Resp: 154462
 Ion Ratio Lower Upper
 113 100
 55 182.9 165.4 205.4
 56 134.2 115.2 155.2

Manual Integrations
 APPROVED

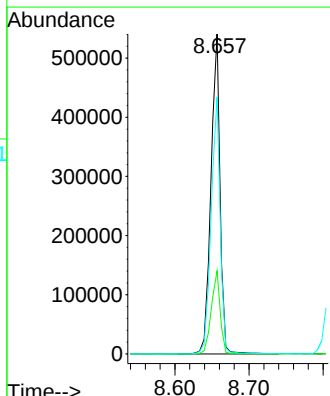
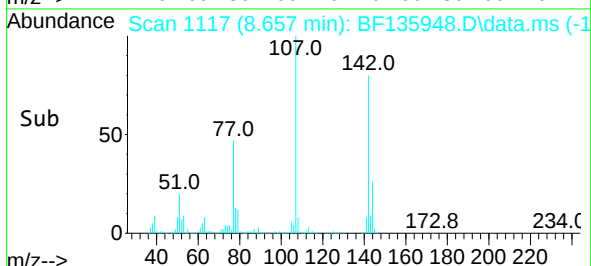
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

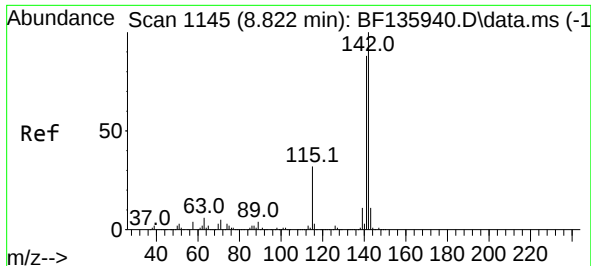


#36
 4-Chloro-3-methylphenol
 Concen: 49.213 ng/ml
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF135948.D
 Acq: 25 Oct 2023 18:53



Tgt Ion:107 Resp: 460468
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.9 29.9
 142 80.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.302 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

Tgt Ion:142 Resp: 945389

Ion Ratio Lower Upper

142 100

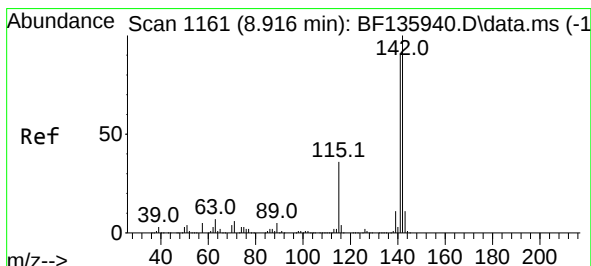
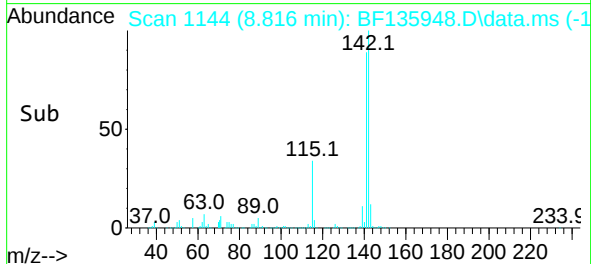
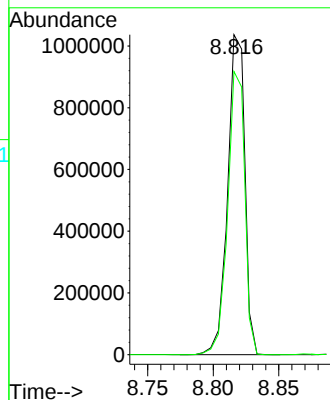
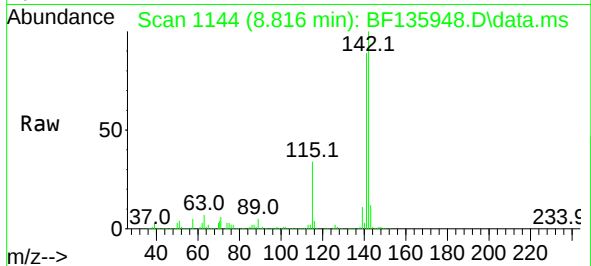
141 88.5 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#38

1-Methylnaphthalene

Concen: 45.510 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF135948.D

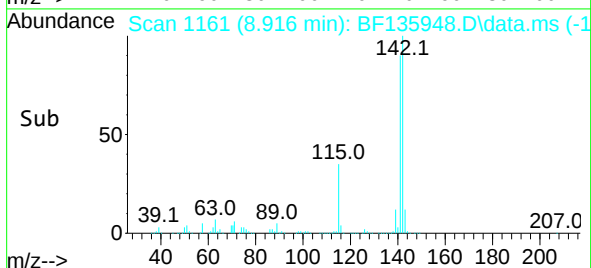
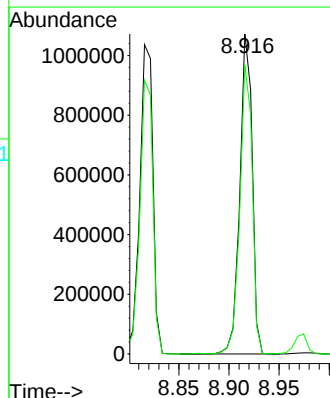
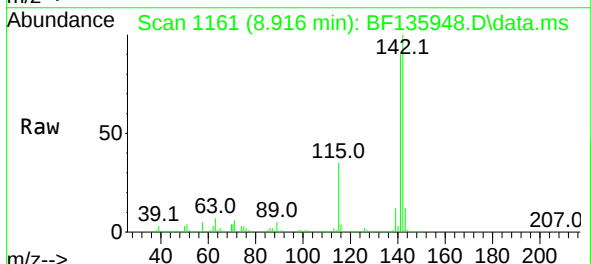
Acq: 25 Oct 2023 18:53

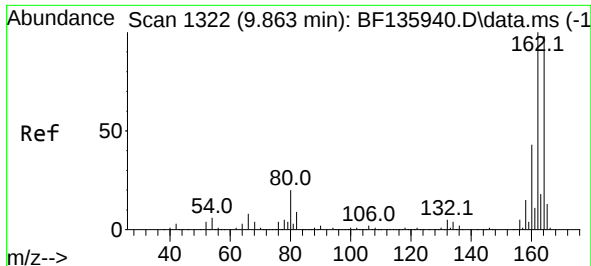
Tgt Ion:142 Resp: 928410

Ion Ratio Lower Upper

142 100

141 90.4 73.1 109.7





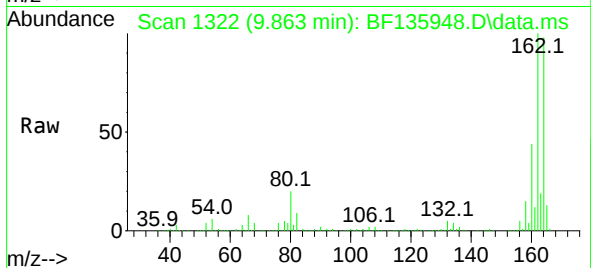
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



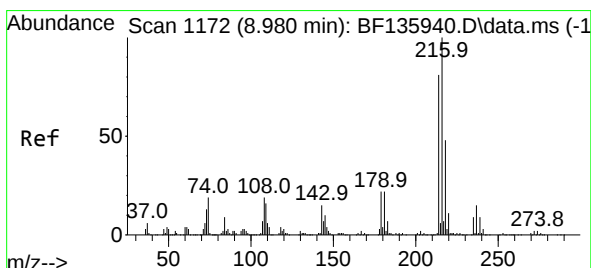
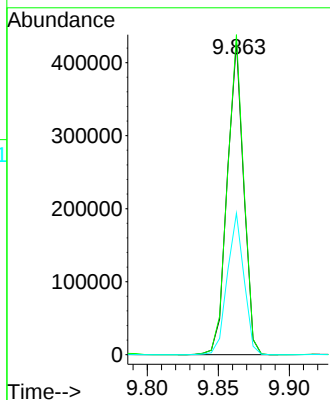
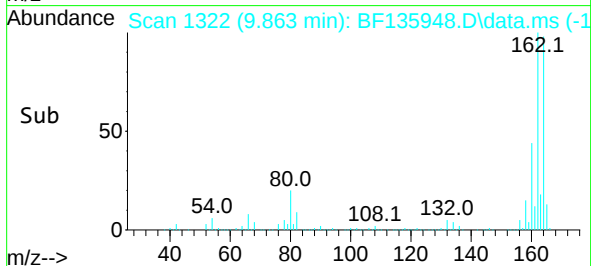
Tgt Ion:164 Resp: 343644
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 45.2 35.6 53.4

Manual Integrations

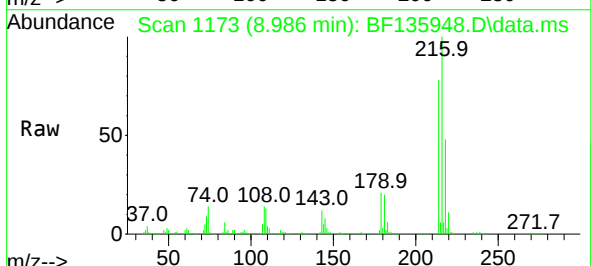
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

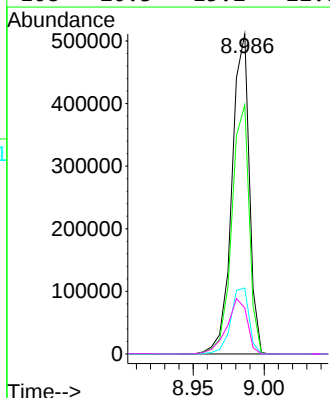
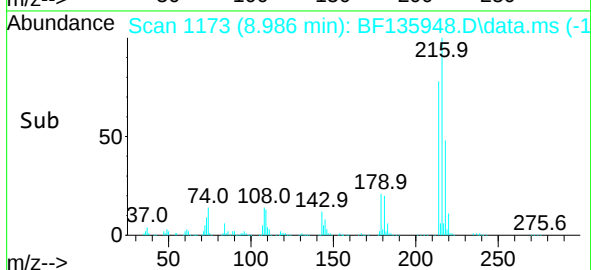
Supervised By :mohammad ahmed 10/26/2023

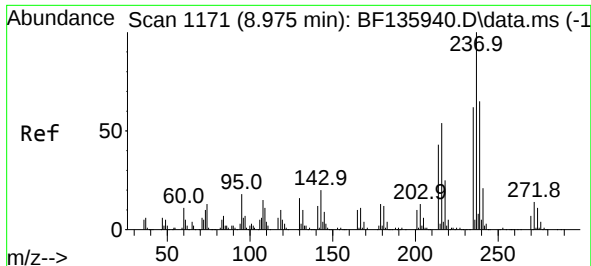


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.899 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:216 Resp: 435786
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 21.6 17.3 25.9
108 20.3 15.2 22.8





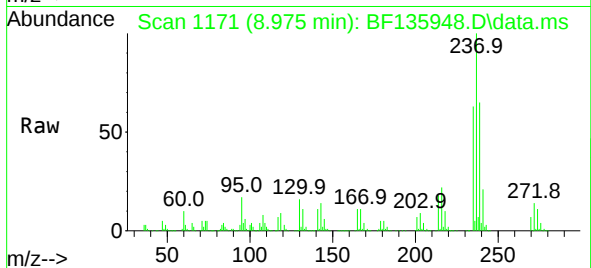
#41
Hexachlorocyclopentadiene
Concen: 101.811 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

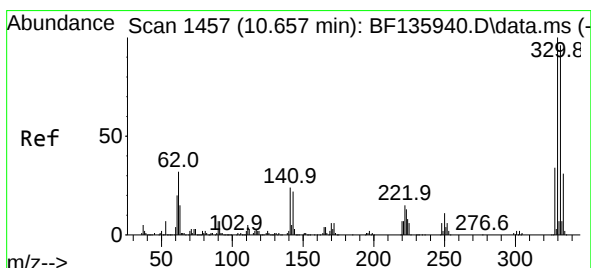
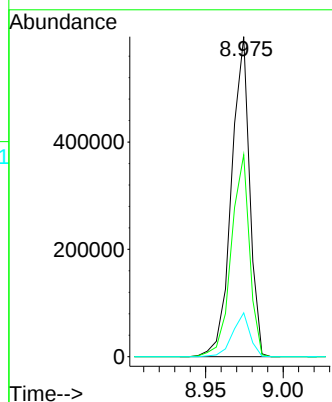
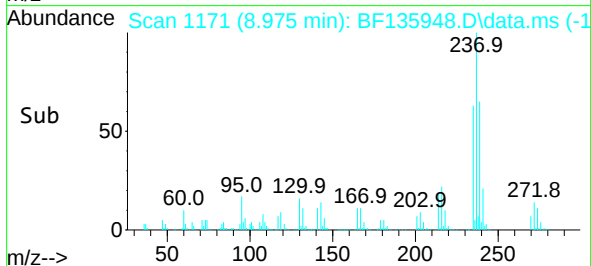


Tgt Ion:237 Resp: 48724
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.7 0.0 33.6

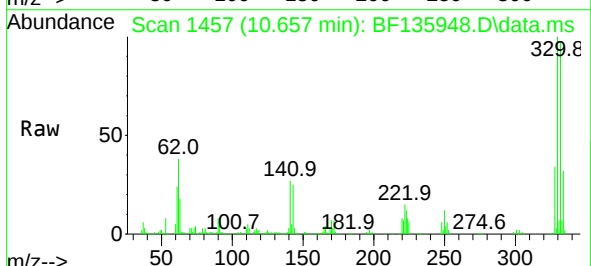
Manual Integrations

APPROVED

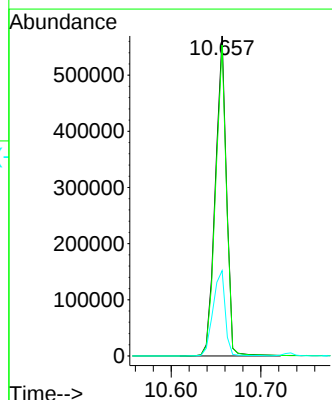
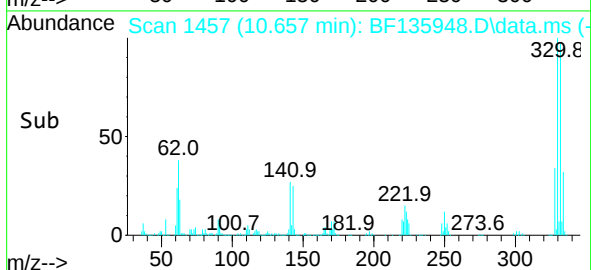
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

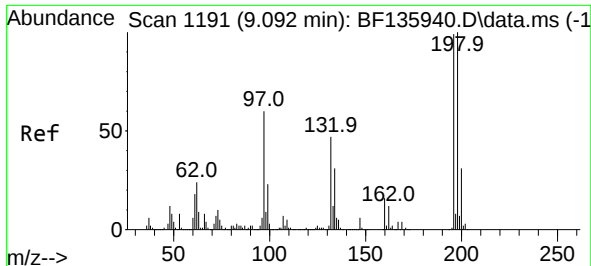


#42
2,4,6-Tribromophenol
Concen: 162.785 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:330 Resp: 489641
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 29.4 24.9 37.3





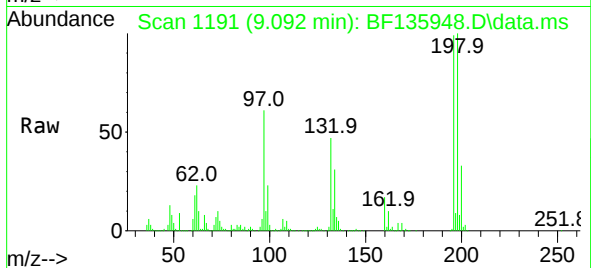
#43
2,4,6-Trichlorophenol
Concen: 51.119 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

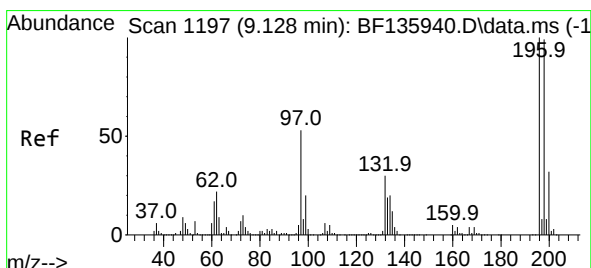
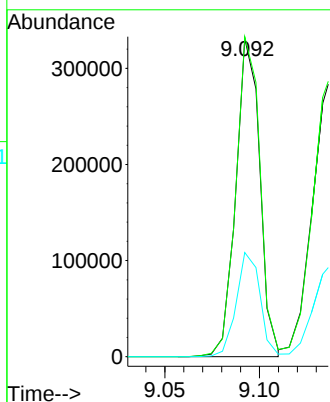
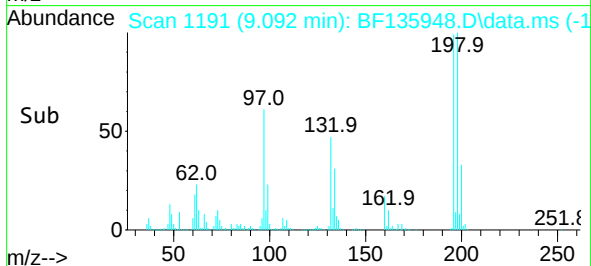


Tgt Ion:196 Resp: 290394
Ion Ratio Lower Upper
196 100
198 100.6 81.0 121.4
200 32.8 25.4 38.0

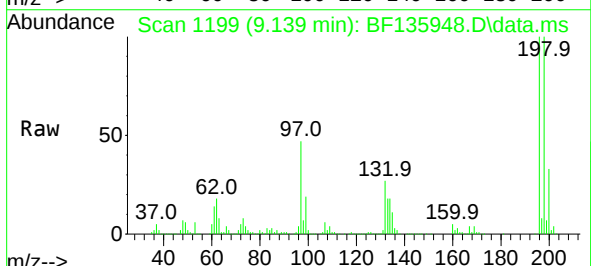
Manual Integrations

APPROVED

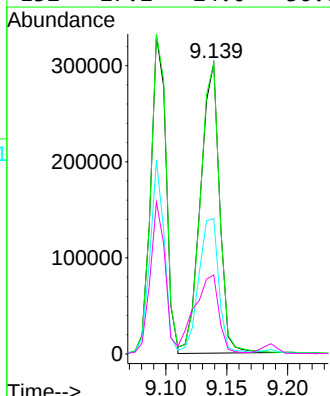
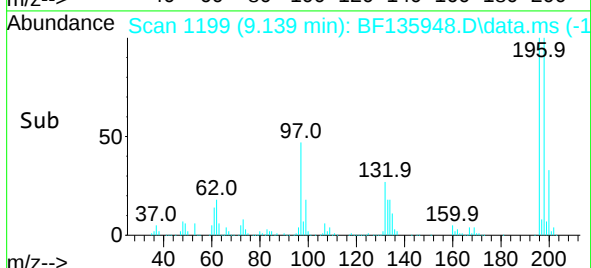
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

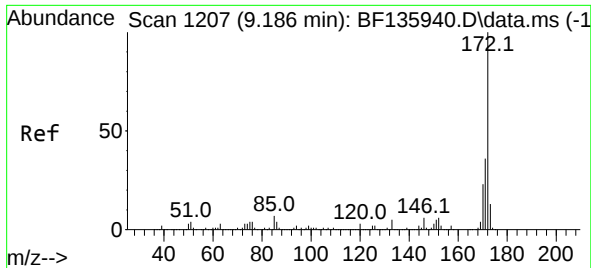


#44
2,4,5-Trichlorophenol
Concen: 48.463 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:196 Resp: 326872
Ion Ratio Lower Upper
196 100
198 99.9 79.1 118.7
97 46.6 42.3 63.5
132 27.2 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 87.742 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

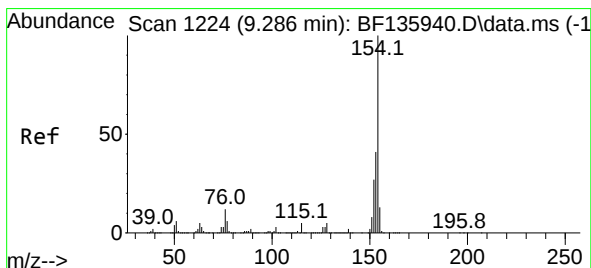
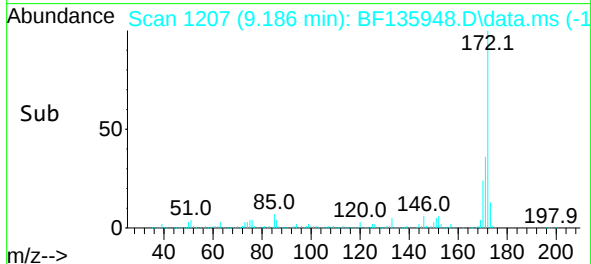
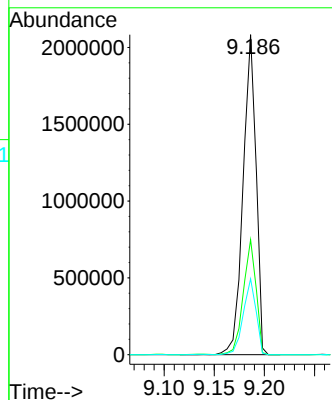
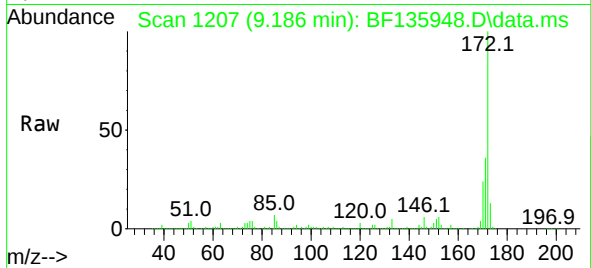
PB156138BS

Tgt Ion:172 Resp: 1883020
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.7 18.6 28.0

Manual Integrations

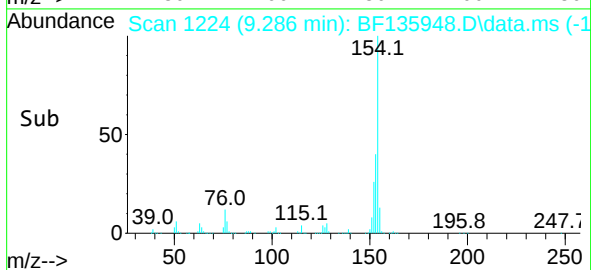
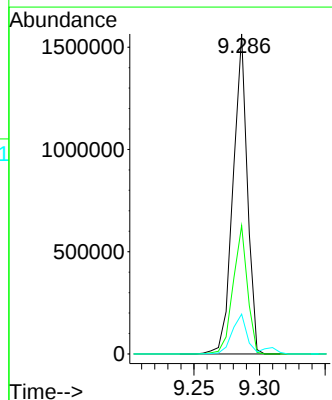
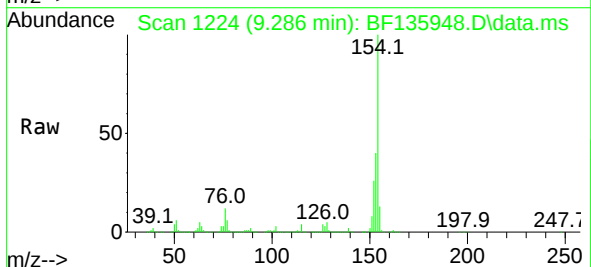
APPROVED

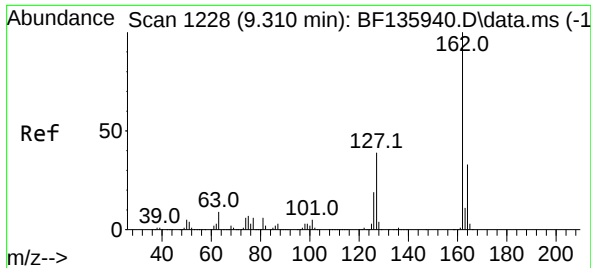
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#46
1,1'-Biphenyl
Concen: 45.500 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:154 Resp: 1184775
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 12.4 0.0 32.4





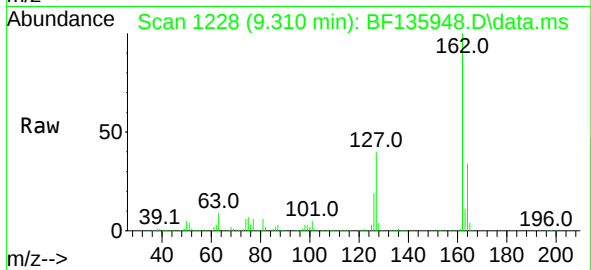
#47
2-Chloronaphthalene
Concen: 47.404 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

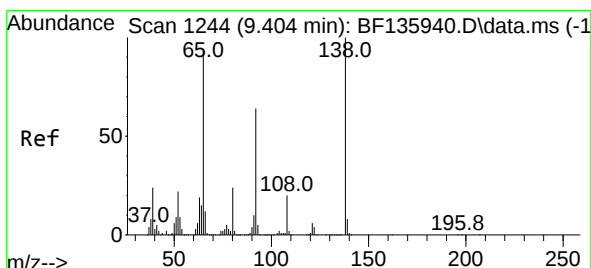
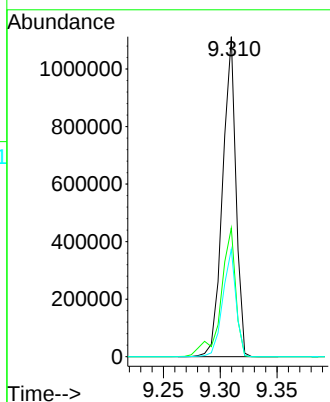
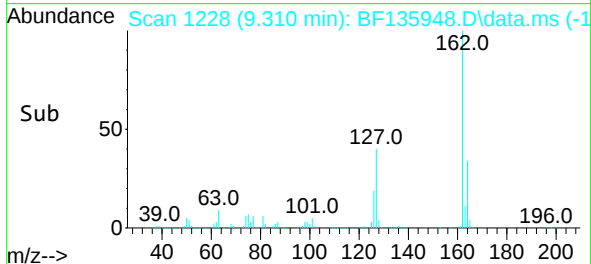


Tgt Ion:162 Resp: 913000
Ion Ratio Lower Upper
162 100
127 40.2 31.0 46.4
164 33.6 26.6 39.8

Manual Integrations

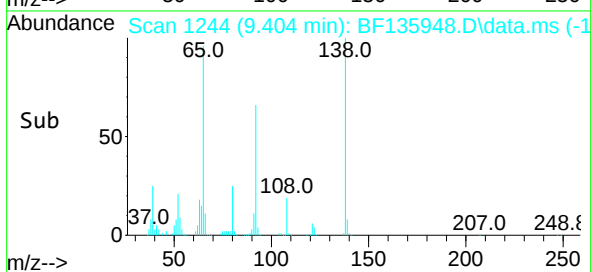
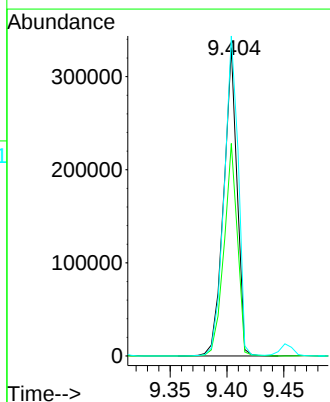
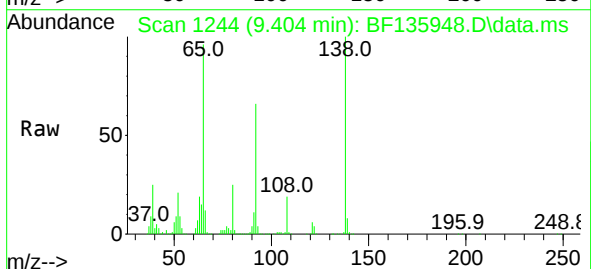
APPROVED

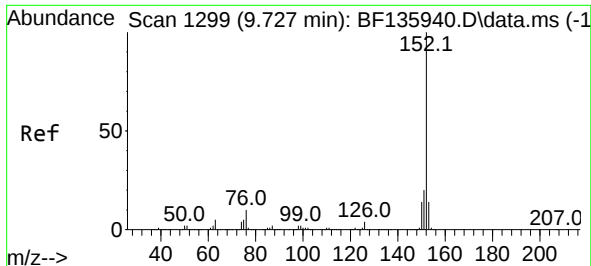
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#48
2-Nitroaniline
Concen: 51.245 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion: 65 Resp: 273794
Ion Ratio Lower Upper
65 100
92 68.9 54.9 82.3
138 103.8 85.2 127.8





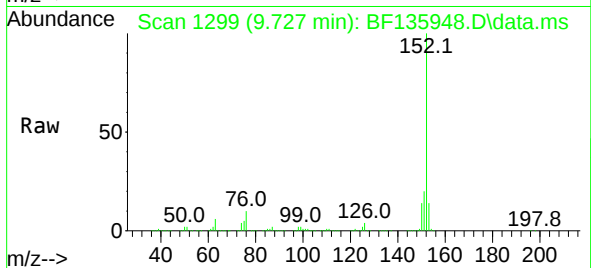
#49
Acenaphthylene
Concen: 48.172 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

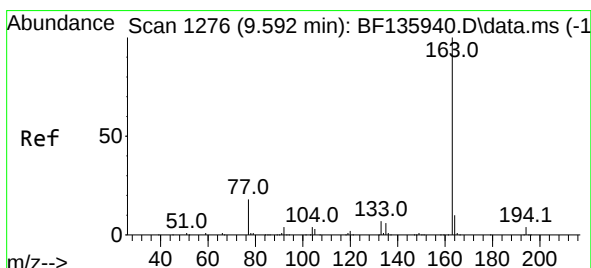
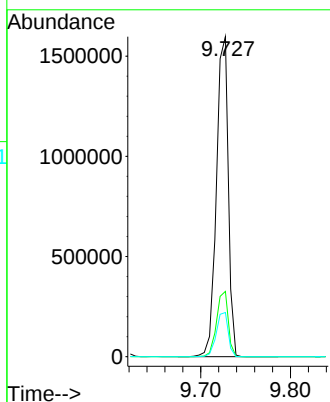
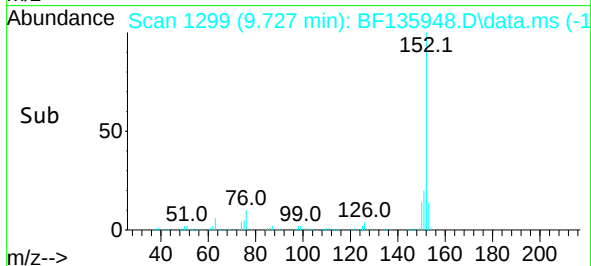
PB156138BS



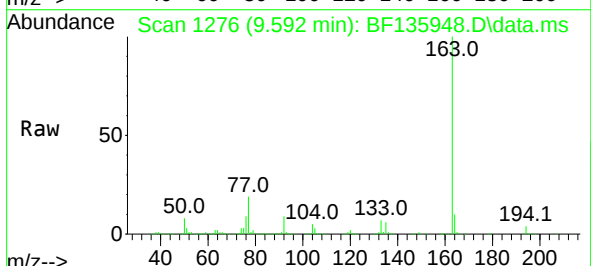
Tgt Ion:152 Resp: 146369
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.8 11.0 16.6

Manual Integrations
APPROVED

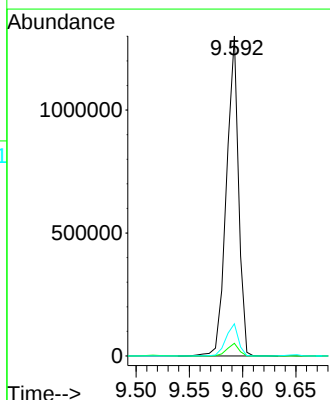
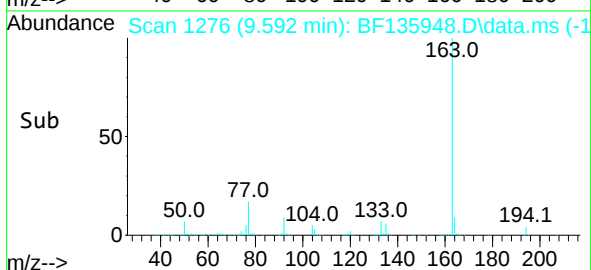
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

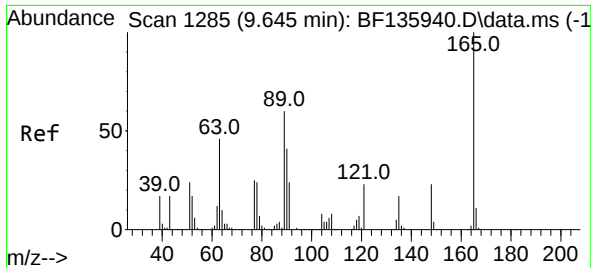


#50
Dimethylphthalate
Concen: 46.032 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:163 Resp: 1025827
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 49.603 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

Tgt Ion:165 Resp: 230000

Ion Ratio Lower Upper

165 100

63 50.1 51.7 77.5

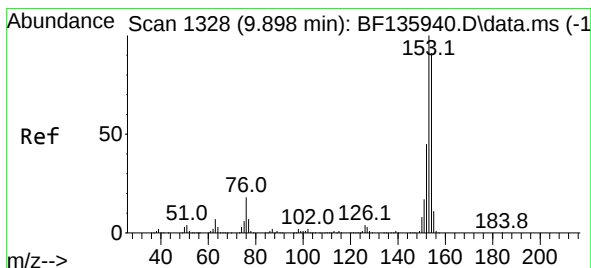
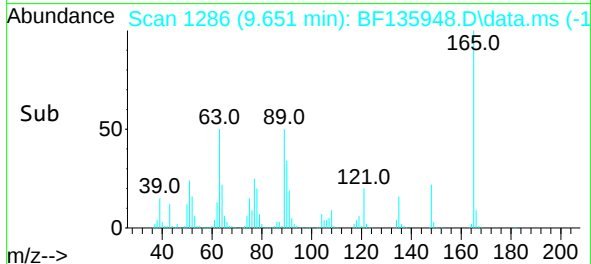
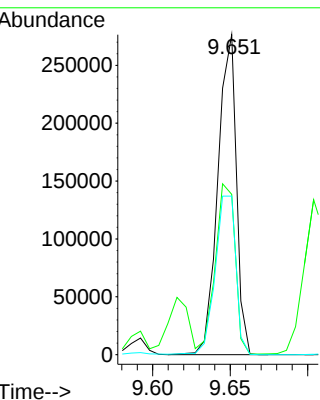
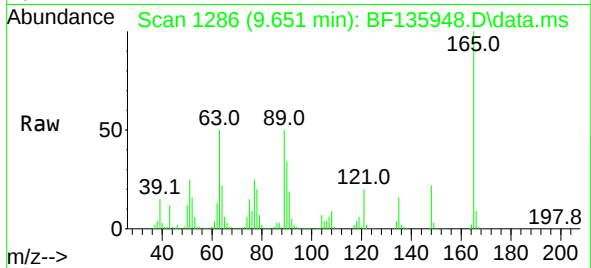
89 49.6 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#52

Acenaphthene

Concen: 49.848 ng m

RT: 9.898 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

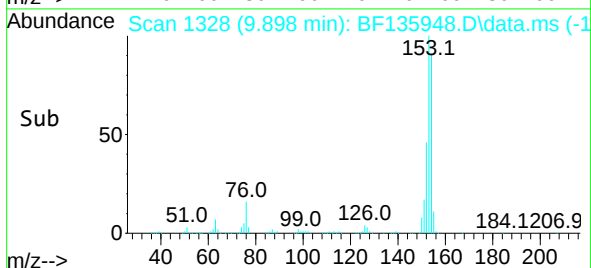
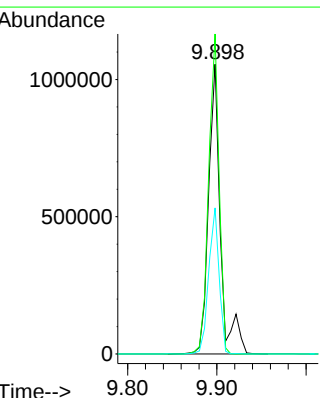
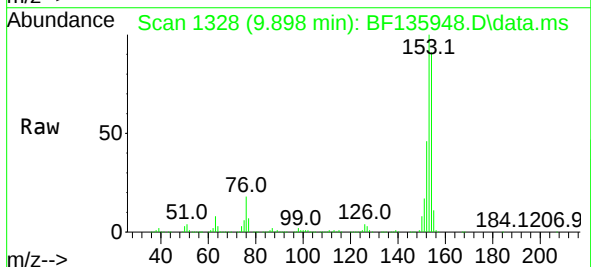
Tgt Ion:154 Resp: 970681

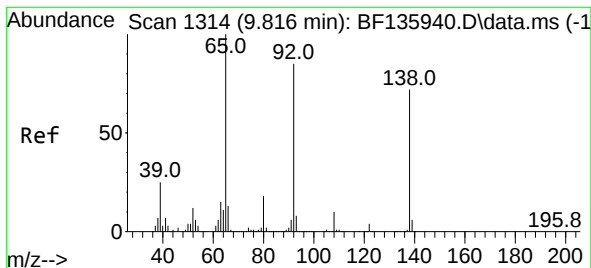
Ion Ratio Lower Upper

154 100

153 110.4 88.0 132.0

152 50.4 39.4 59.2





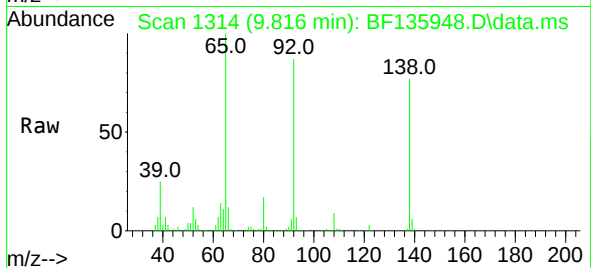
#53
3-Nitroaniline
Concen: 36.592 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



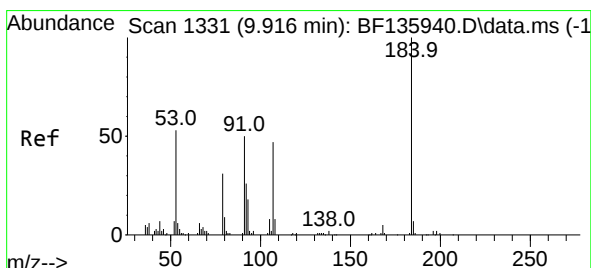
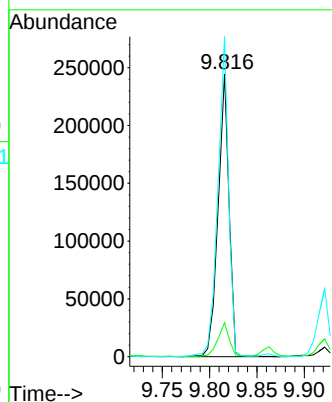
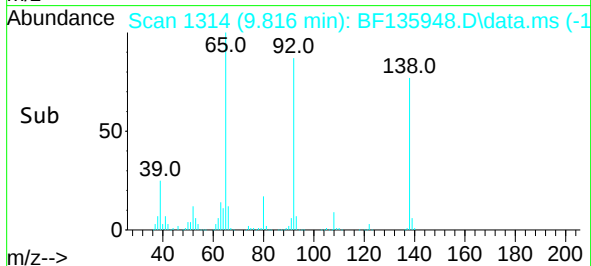
Tgt Ion:138 Resp: 195660
Ion Ratio Lower Upper
138 100
108 12.0 11.3 16.9
92 113.2 95.0 142.6

Manual Integrations

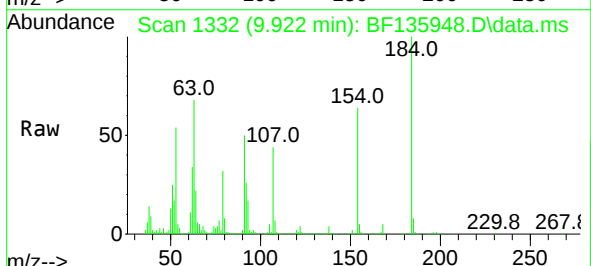
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

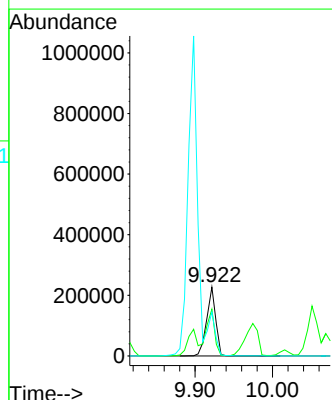
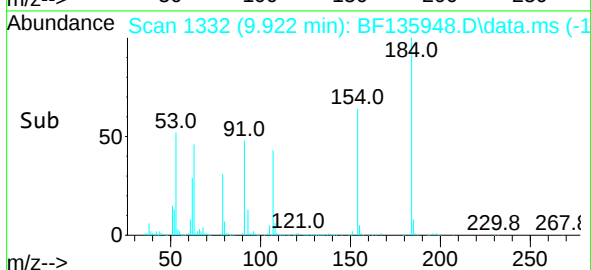
Supervised By :mohammad ahmed 10/26/2023

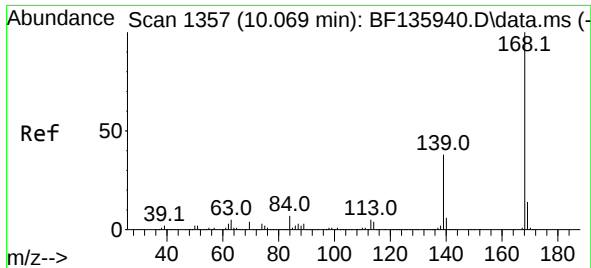


#54
2,4-Dinitrophenol
Concen: 92.712 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:184 Resp: 185469
Ion Ratio Lower Upper
184 100
63 67.9 56.3 84.5
154 63.9 48.1 72.1





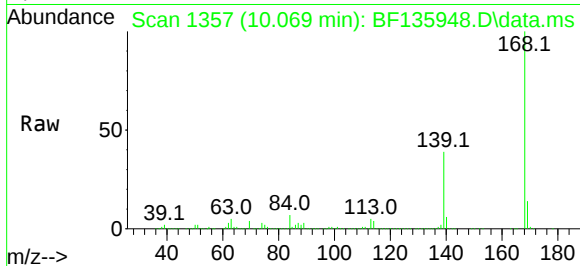
#55
Dibenzofuran
Concen: 45.965 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



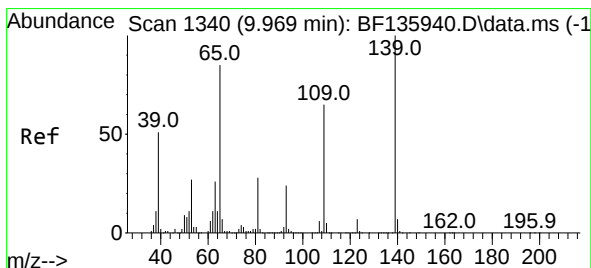
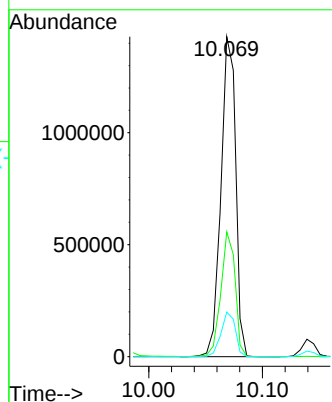
Tgt Ion:168 Resp: 1293049
Ion Ratio Lower Upper
168 100
139 39.0 30.7 46.1
169 13.9 11.1 16.7

Manual Integrations

APPROVED

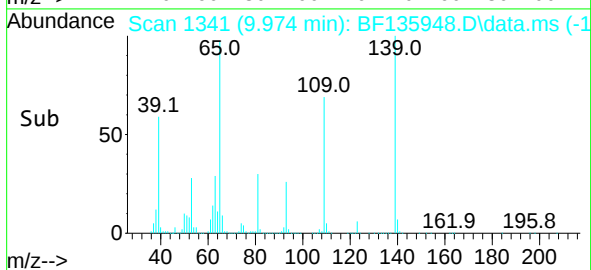
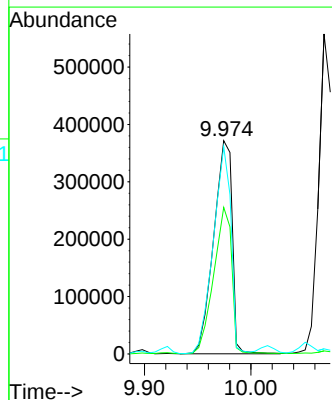
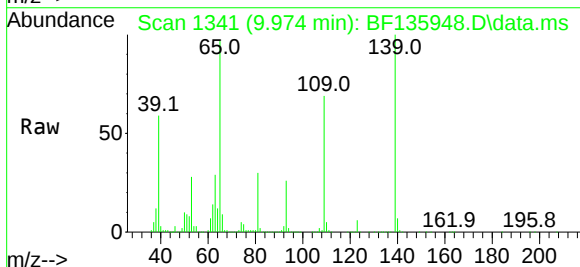
Reviewed By :Yogesh Patel 10/26/2023

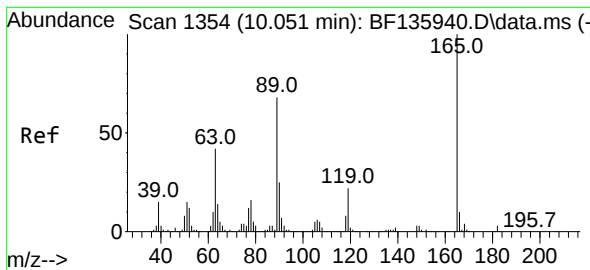
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 98.291 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:139 Resp: 448772
Ion Ratio Lower Upper
139 100
109 68.7 45.2 85.2
65 97.3 65.1 105.1





#57
2,4-Dinitrotoluene
Concen: 53.120 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

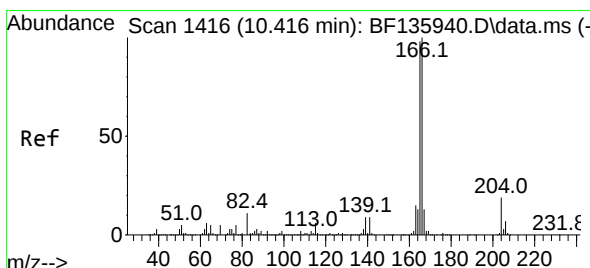
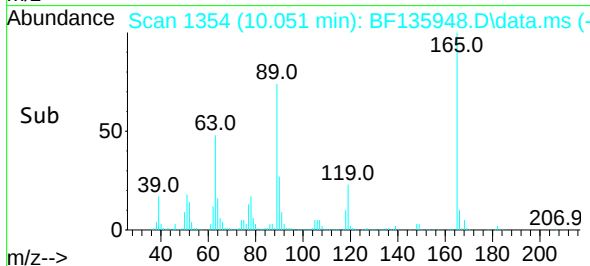
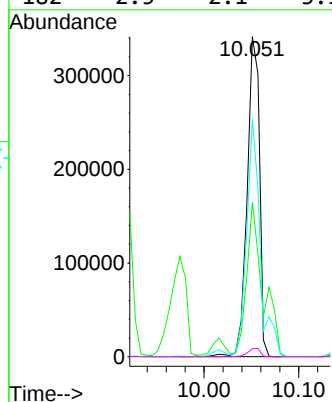
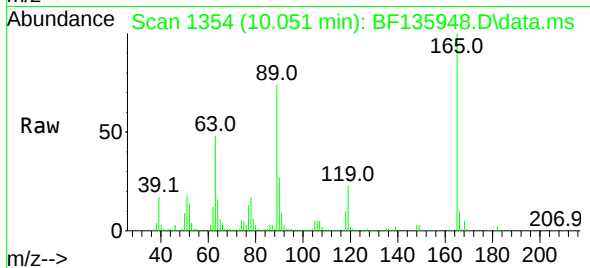
PB156138BS

Tgt Ion:165 Resp: 307830
Ion Ratio Lower Upper
165 100
63 48.2 33.7 50.5
89 74.1 54.6 81.8
182 2.5 2.1 3.1

Manual Integrations

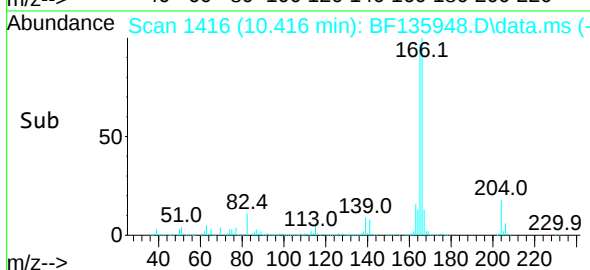
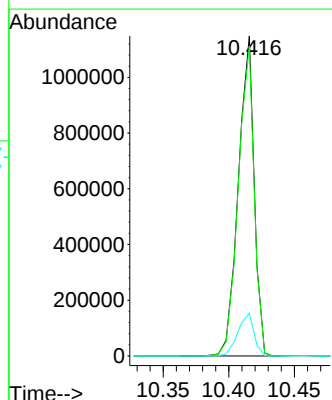
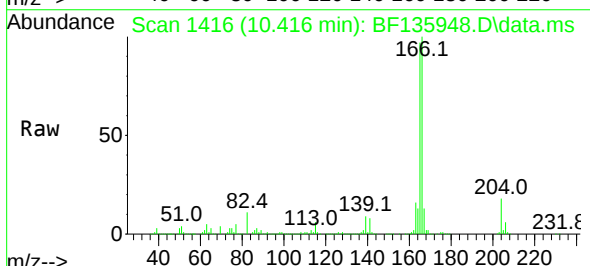
APPROVED

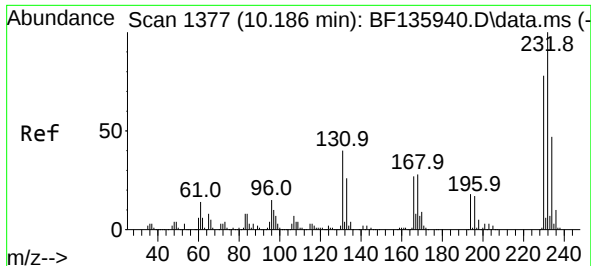
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#58
Fluorene
Concen: 45.757 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:166 Resp: 963015
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.3 10.6 16.0





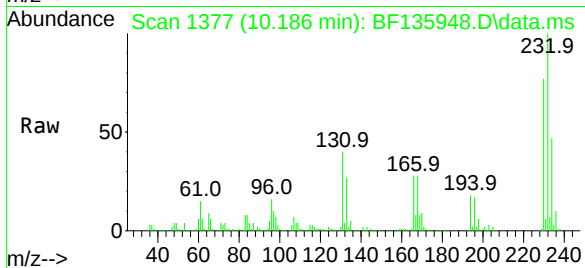
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.272 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

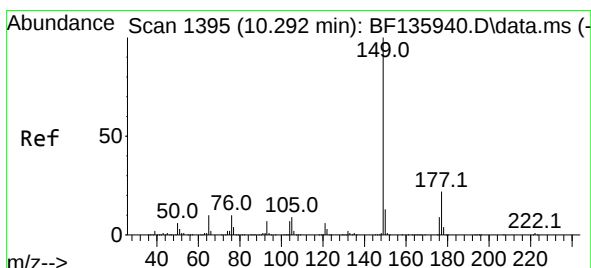
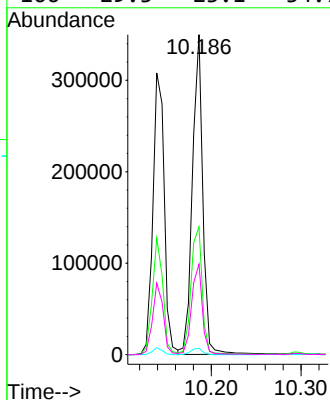
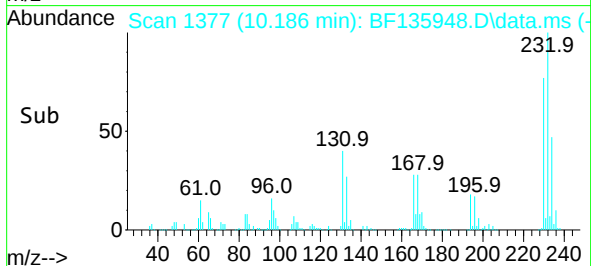


Tgt Ion:232 Resp: 280530
Ion Ratio Lower Upper
232 100
131 43.1 35.2 52.8
130 2.3 1.7 2.5
166 29.3 23.1 34.7

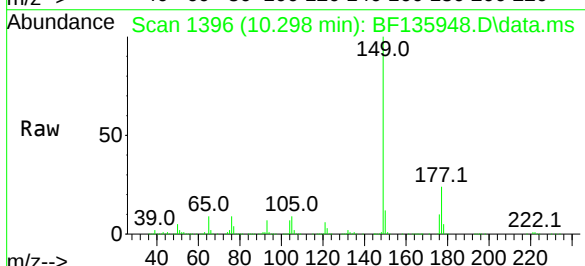
Manual Integrations

APPROVED

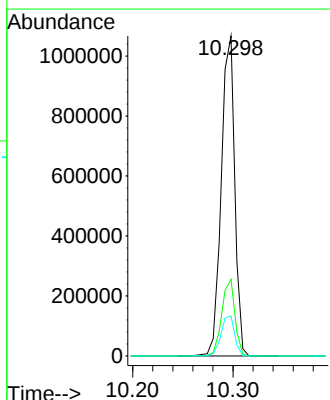
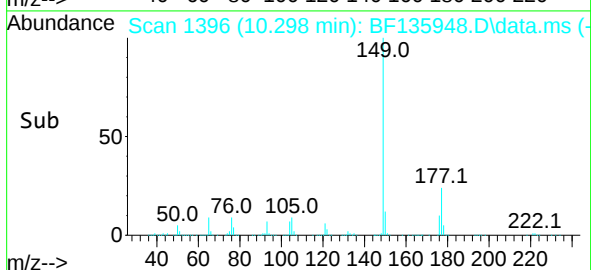
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

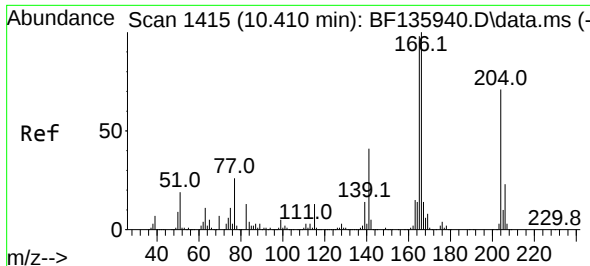


#60
Diethylphthalate
Concen: 46.687 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



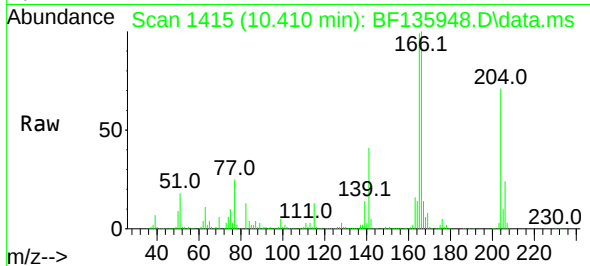
Tgt Ion:149 Resp: 992129
Ion Ratio Lower Upper
149 100
177 24.0 17.9 26.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.865 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

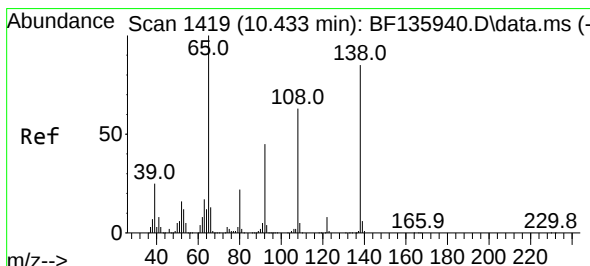
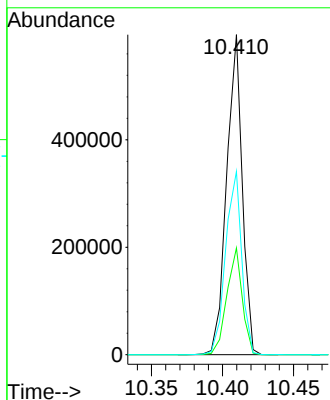
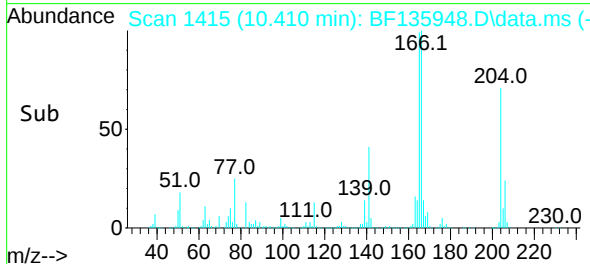
Instrument :
BNA_F
ClientSampleId :
PB156138BS



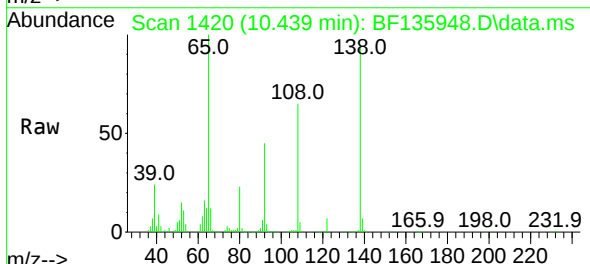
Tgt Ion:204 Resp: 455470
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 57.3 46.2 69.2

Manual Integrations
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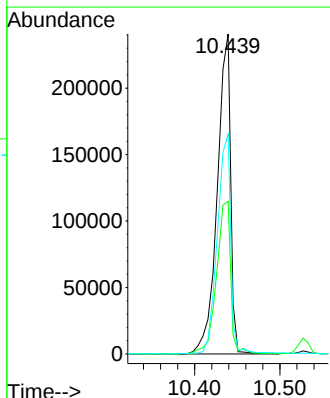
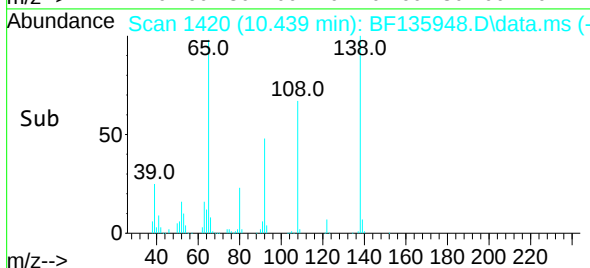
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

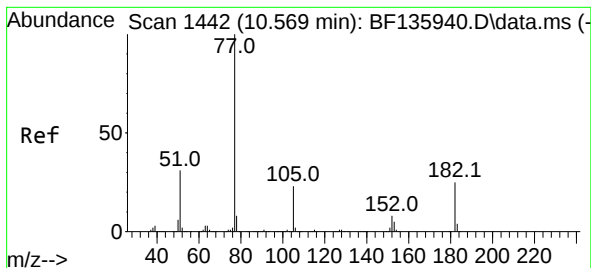


#62
4-Nitroaniline
Concen: 47.960 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:138 Resp: 262500
Ion Ratio Lower Upper
138 100
92 47.7 32.9 72.9
108 68.7 53.5 93.5





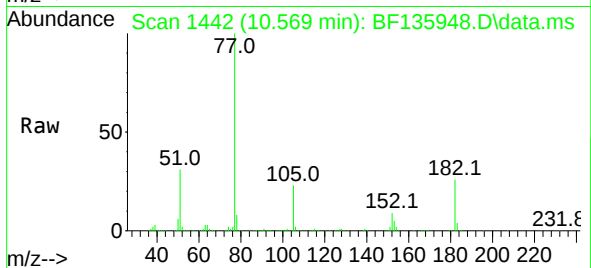
#63
Azobenzene
Concen: 45.753 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

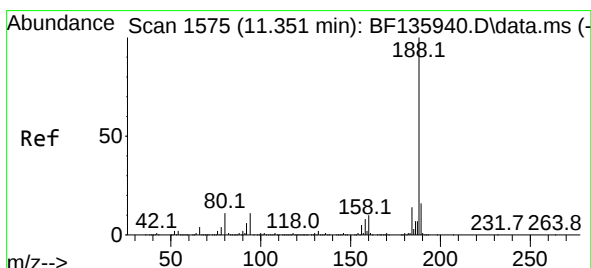
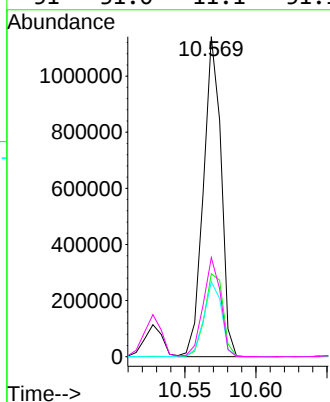
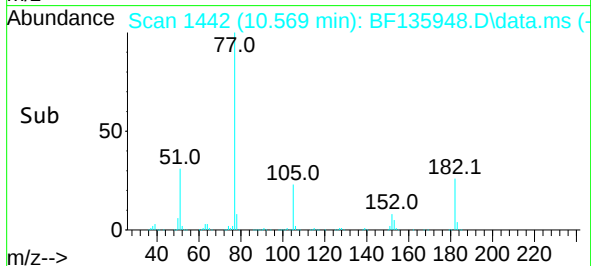


Tgt Ion: 77 Resp: 986700
Ion Ratio Lower Upper
77 100
182 25.9 5.1 45.1
105 23.5 2.8 42.8
51 31.0 11.1 51.1

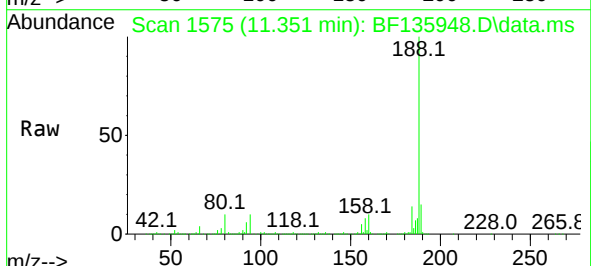
Manual Integrations

APPROVED

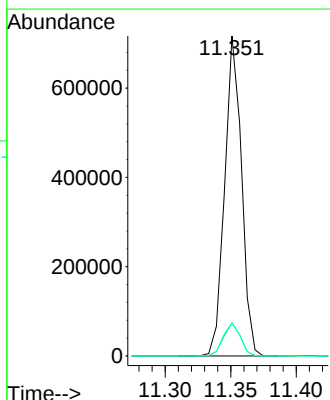
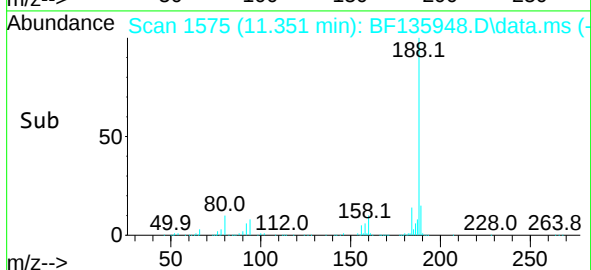
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

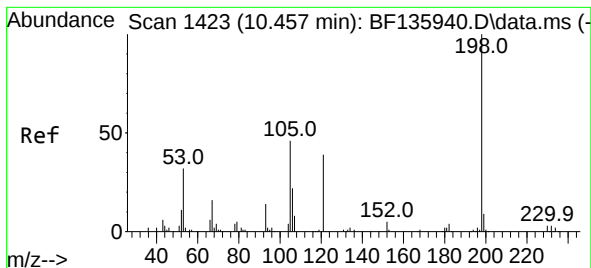


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



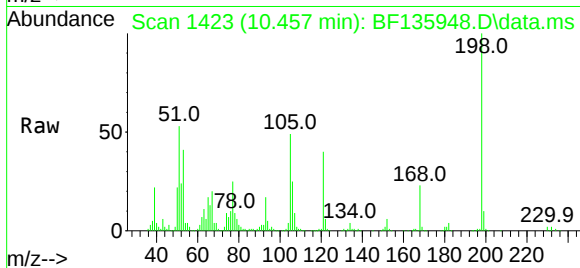
Tgt Ion:188 Resp: 639795
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 10.4 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 55.128 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

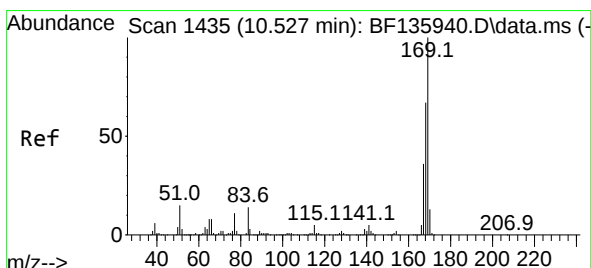
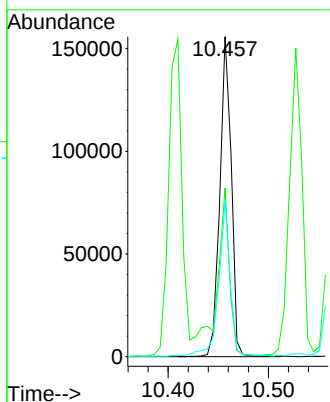
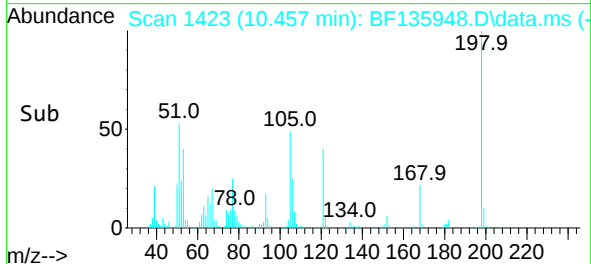
Instrument :
BNA_F
ClientSampleId :
PB156138BS



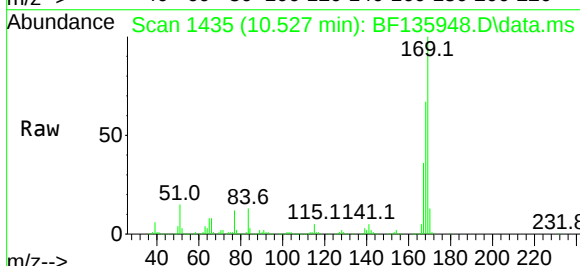
Tgt Ion:198 Resp: 122991
Ion Ratio Lower Upper
198 100
51 52.7 28.7 68.7
105 48.8 27.2 67.2

Manual Integrations
APPROVED

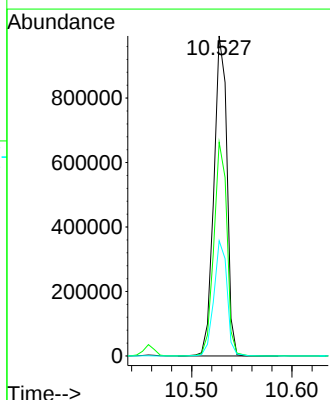
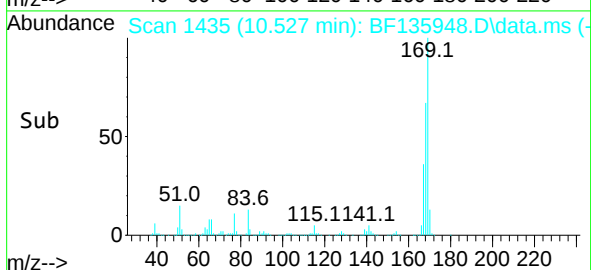
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

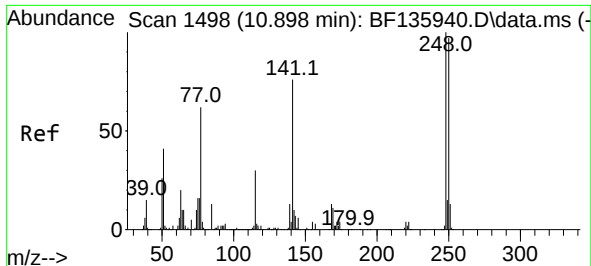


#66
n-Nitrosodiphenylamine
Concen: 46.502 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:169 Resp: 898793
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 36.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 46.715 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

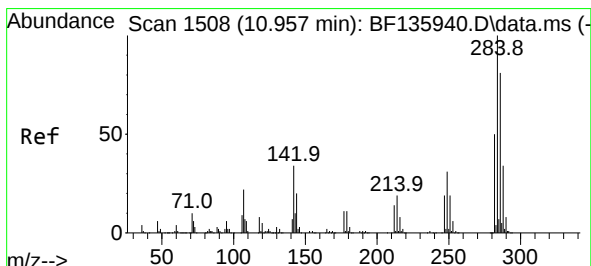
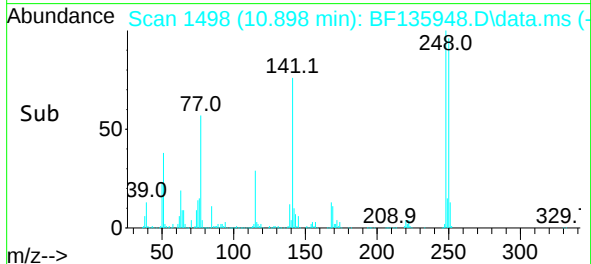
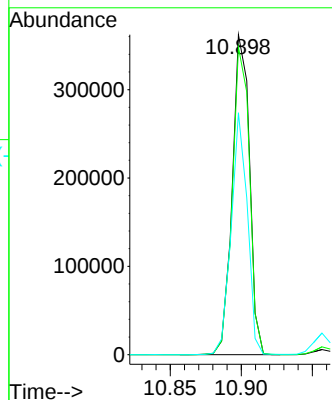
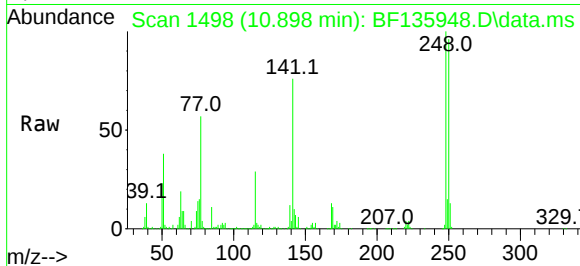
ClientSampleId :

PB156138BS

Tgt Ion:248 Resp: 306089
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 75.6 60.8 91.2

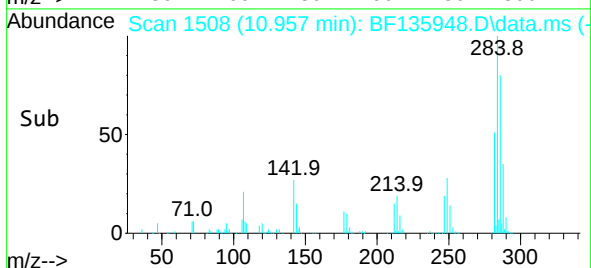
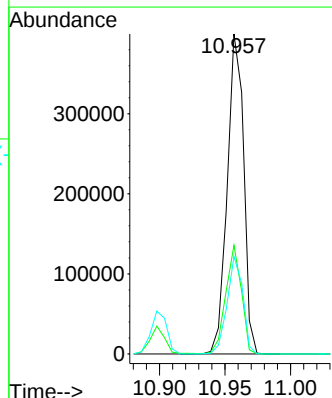
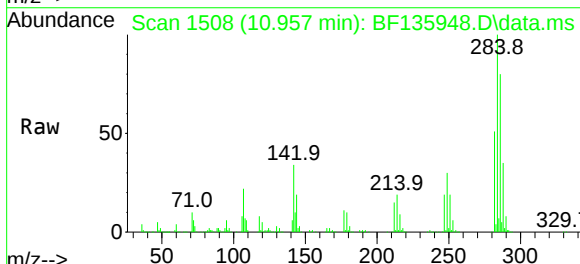
Manual Integrations
APPROVED

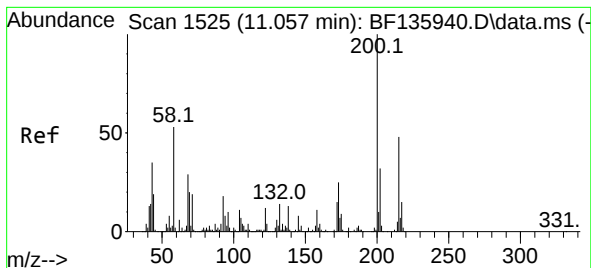
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#68
Hexachlorobenzene
Concen: 49.549 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:284 Resp: 346808
Ion Ratio Lower Upper
284 100
142 34.0 27.6 41.4
249 30.5 24.7 37.1





#69

Atrazine

Concen: 56.559 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135948.D

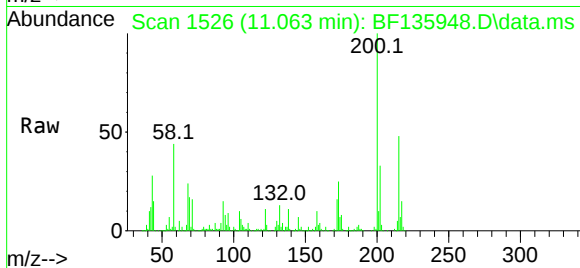
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



Tgt Ion:200 Resp: 29801

Ion Ratio Lower Upper

200 100

173 25.4 5.5 45.5

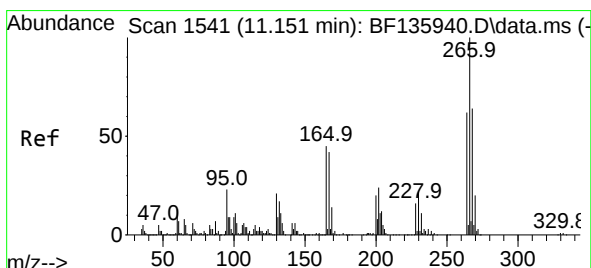
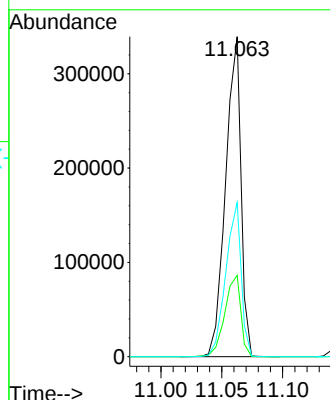
215 48.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#70

Pentachlorophenol

Concen: 89.996 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

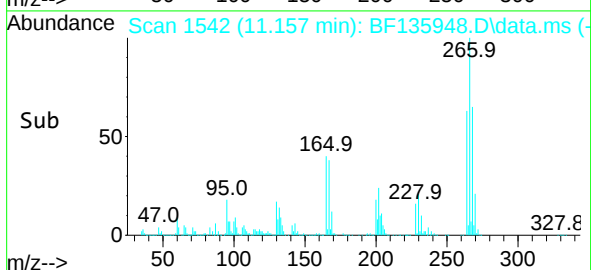
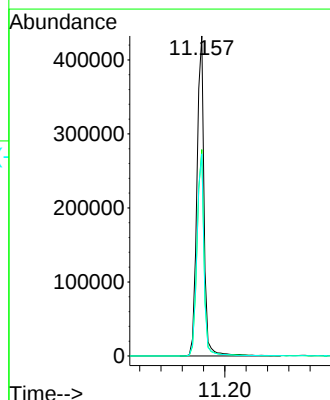
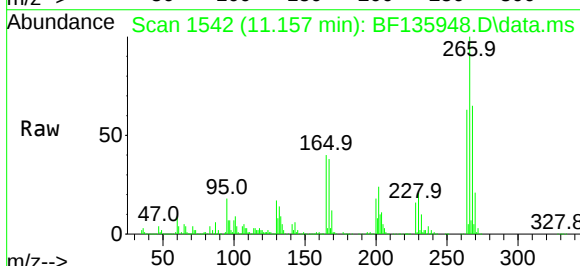
Tgt Ion:266 Resp: 401857

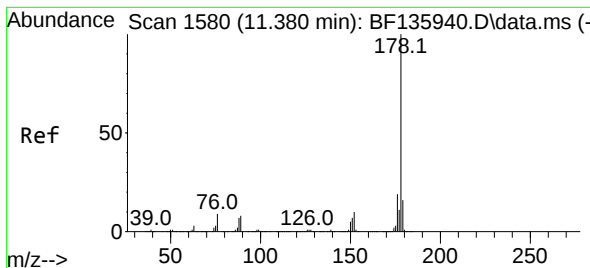
Ion Ratio Lower Upper

266 100

268 64.5 50.8 76.2

264 63.1 49.8 74.6





#71
Phenanthrene
Concen: 47.377 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

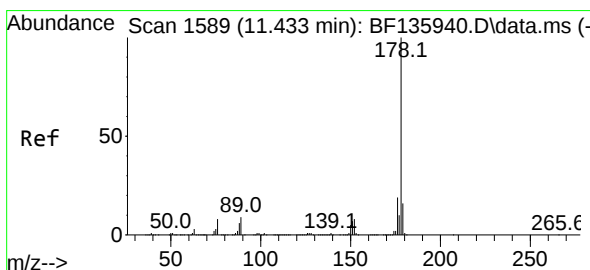
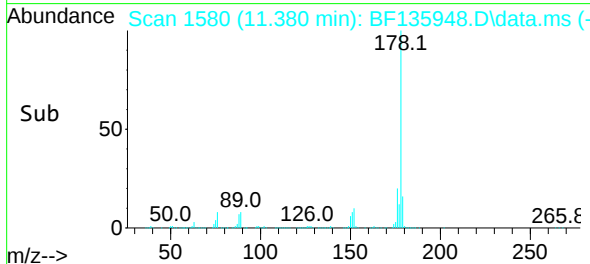
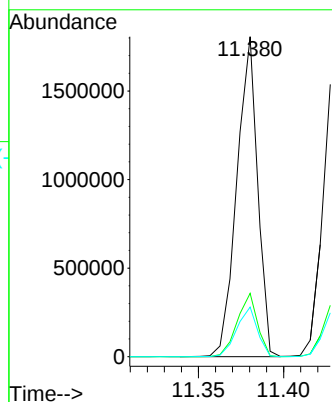
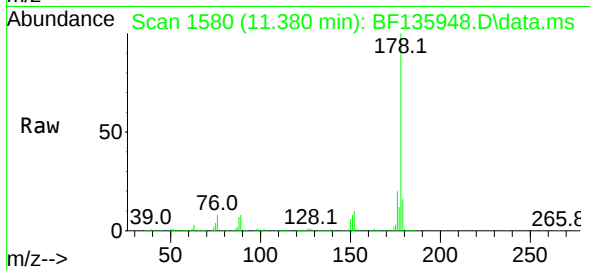
PB156138BS

Tgt Ion:178 Resp: 1533549
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.5 12.5 18.7

Manual Integrations

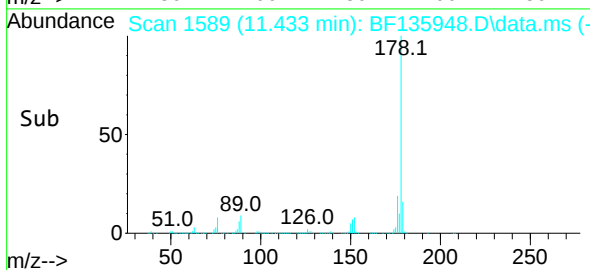
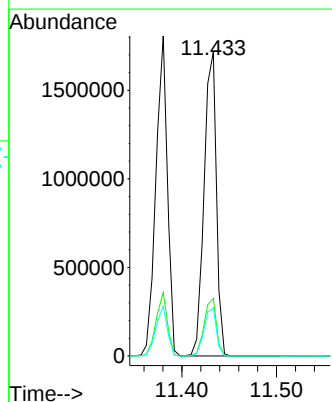
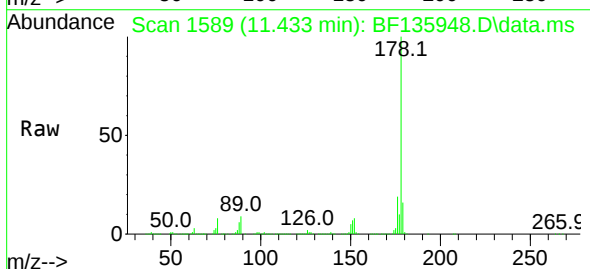
APPROVED

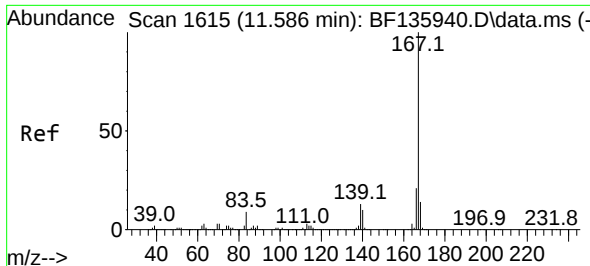
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#72
Anthracene
Concen: 46.580 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

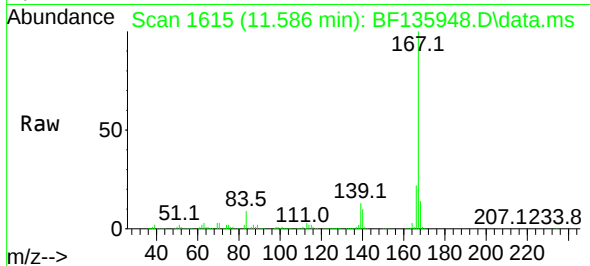
Tgt Ion:178 Resp: 1543823
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 47.888 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF135948.D
 Acq: 25 Oct 2023 18:53

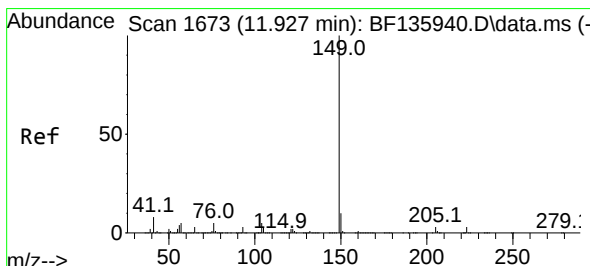
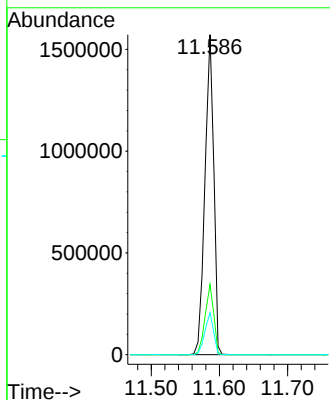
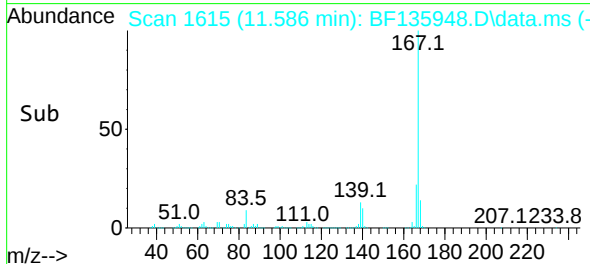
Instrument :
 BNA_F
 ClientSampleId :
 PB156138BS



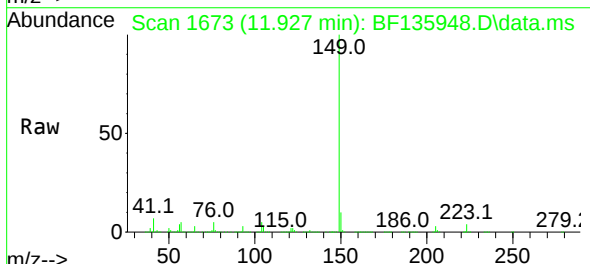
Tgt Ion:167 Resp: 141583
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.1 10.4 15.6

Manual Integrations
 APPROVED

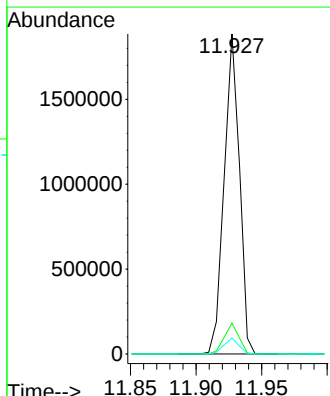
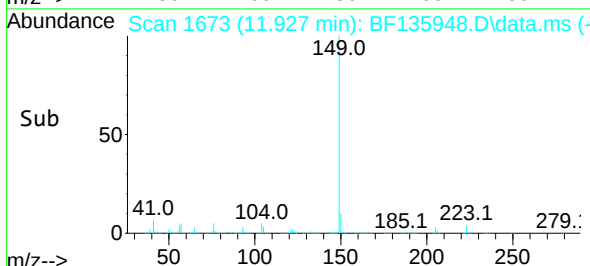
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

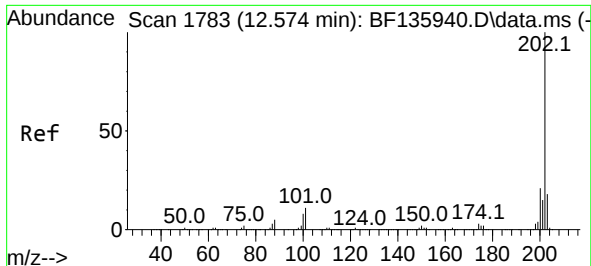


#74
 Di-n-butylphthalate
 Concen: 48.433 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF135948.D
 Acq: 25 Oct 2023 18:53



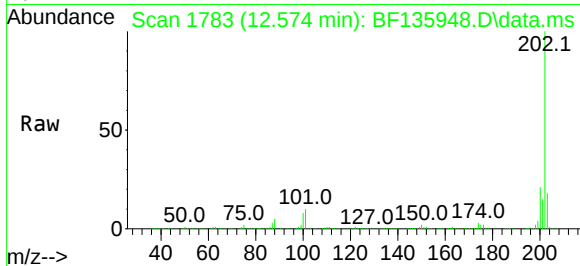
Tgt Ion:149 Resp: 1523740
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 47.837 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

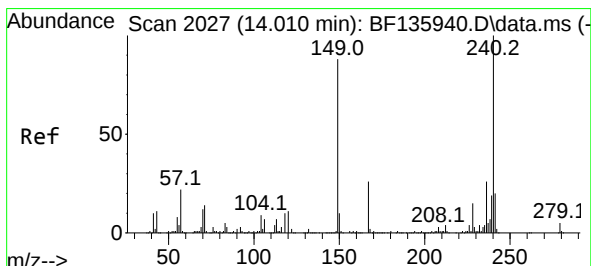
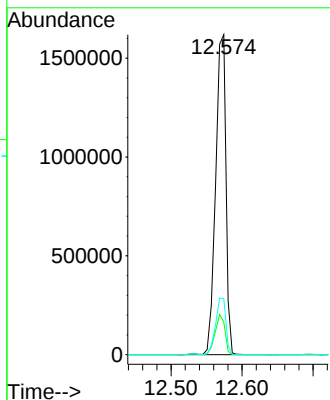
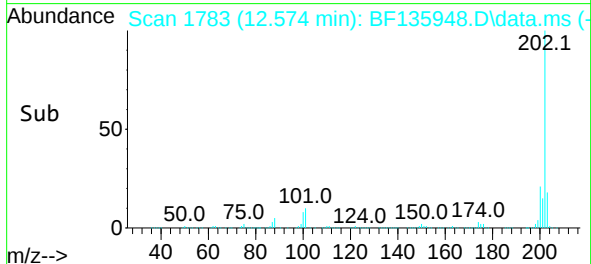
Instrument :
BNA_F
ClientSampleId :
PB156138BS



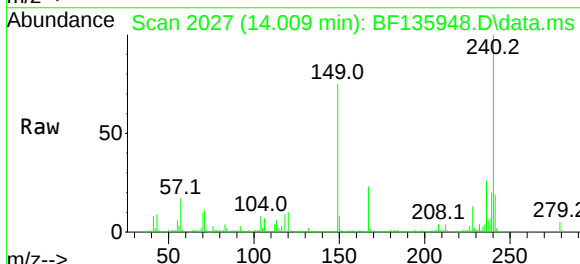
Tgt Ion:202 Resp: 162900
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.6
203 17.6 0.0 37.5

Manual Integrations
APPROVED

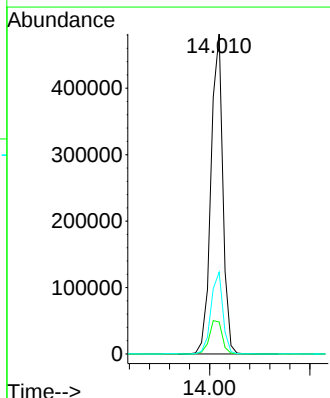
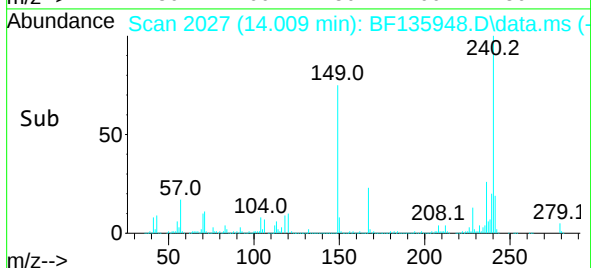
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

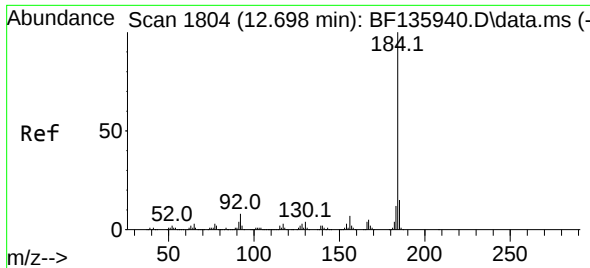


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:240 Resp: 396864
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 25.5 20.6 30.8





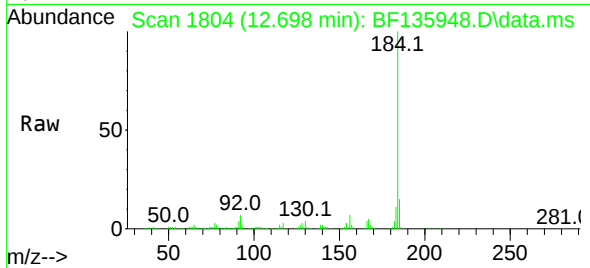
#77
Benzidine
Concen: 54.310 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



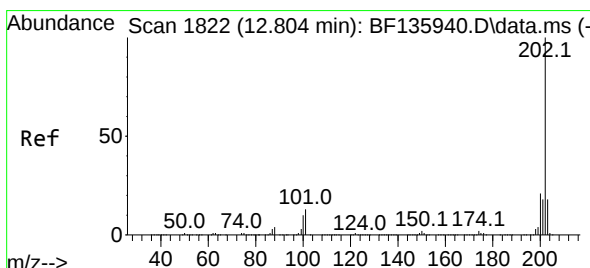
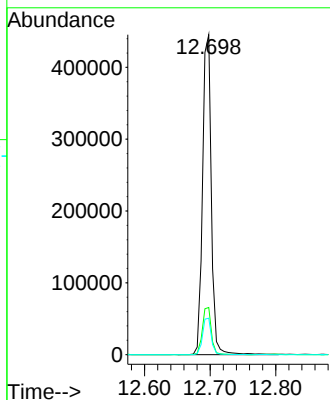
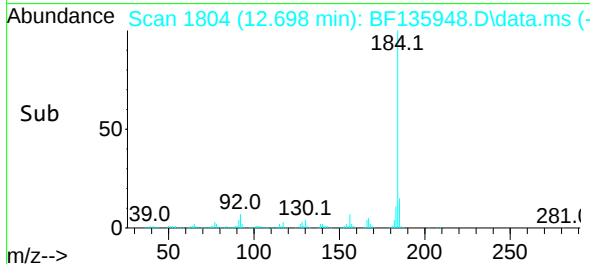
Tgt Ion:184 Resp: 415604
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 11.4 9.2 13.8

Manual Integrations

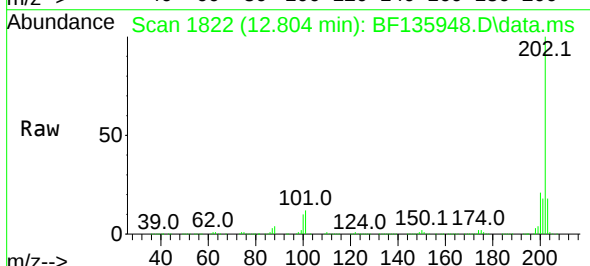
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

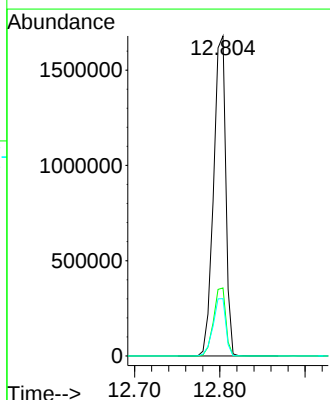
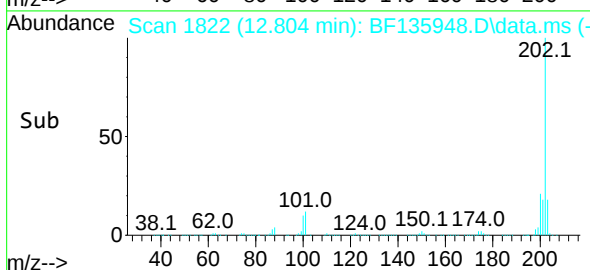
Supervised By :mohammad ahmed 10/26/2023

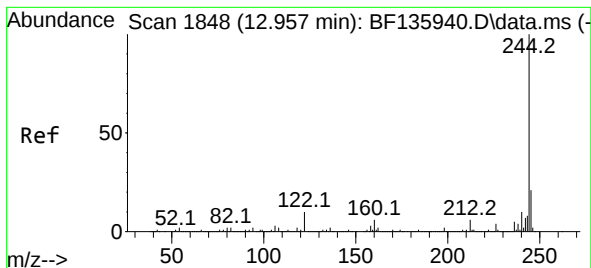


#78
Pyrene
Concen: 50.055 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:202 Resp: 1667935
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.9 14.5 21.7





#79

Terphenyl-d14

Concen: 97.517 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135948.D

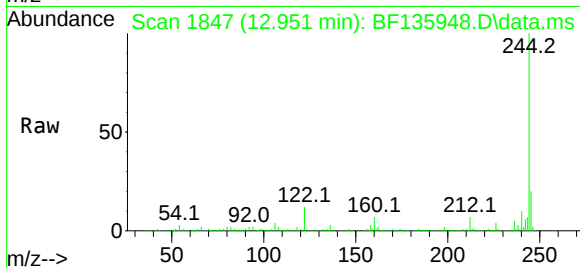
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



Tgt Ion:244 Resp: 231635

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

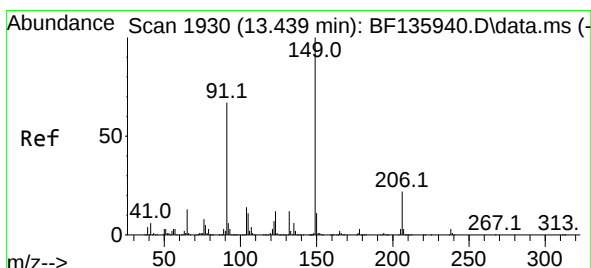
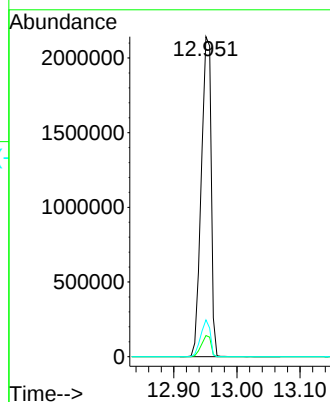
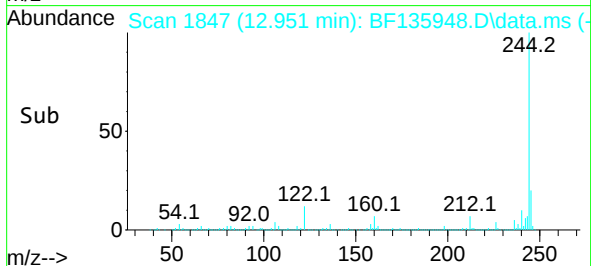
122 11.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#80

Butylbenzylphthalate

Concen: 49.597 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

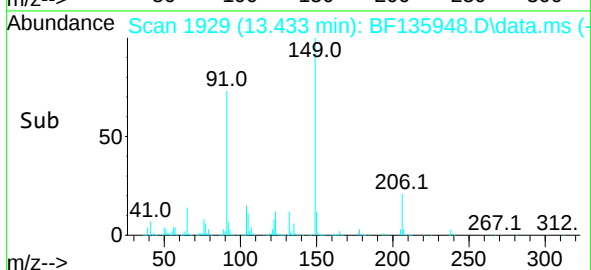
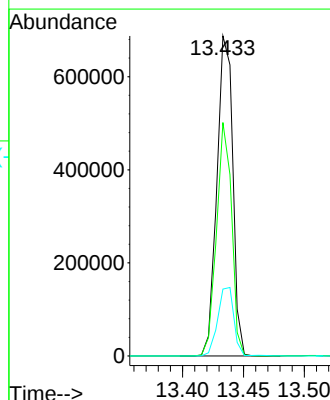
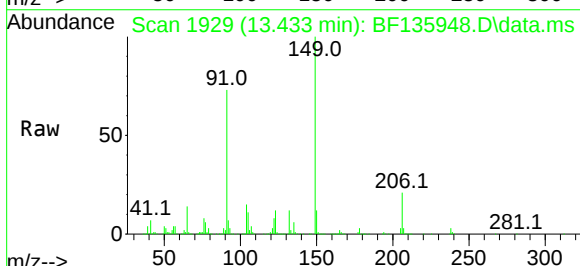
Tgt Ion:149 Resp: 626338

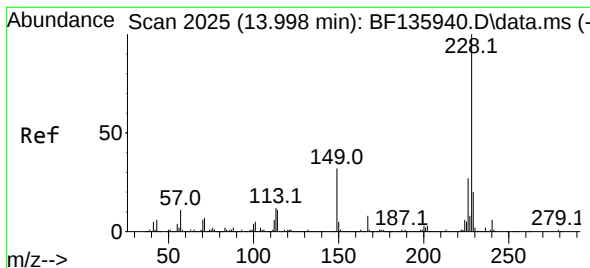
Ion Ratio Lower Upper

149 100

91 73.0 53.4 80.0

206 20.9 17.5 26.3





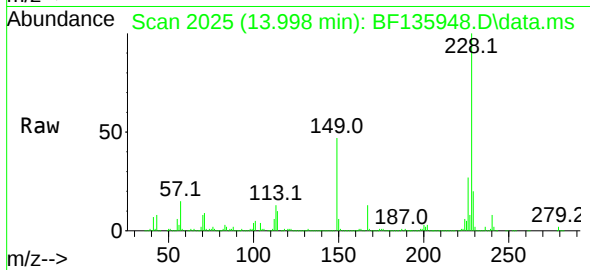
#81
Benzo(a)anthracene
Concen: 49.915 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

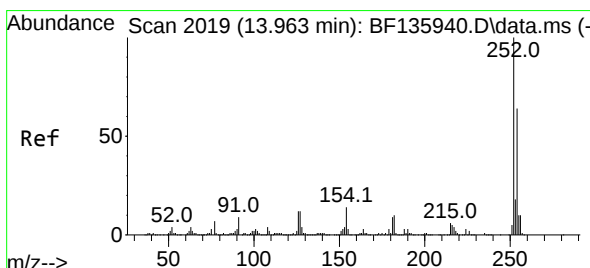
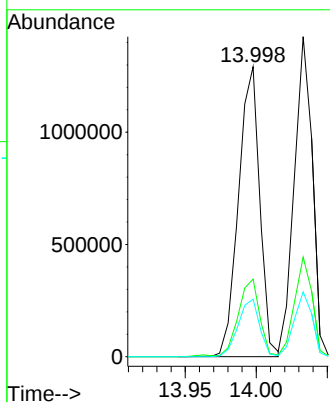
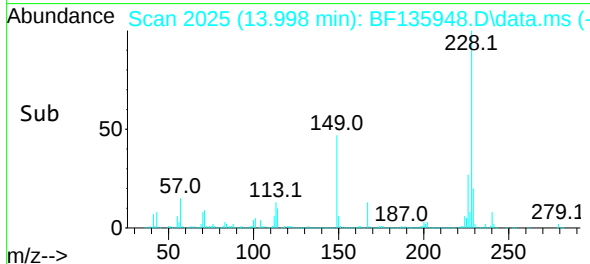


Tgt Ion:228 Resp: 1346920
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 19.9 16.2 24.4

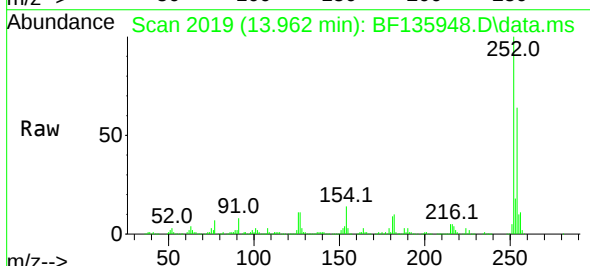
Manual Integrations

APPROVED

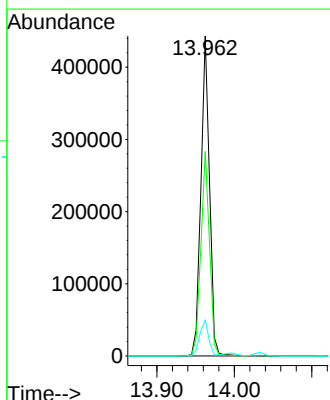
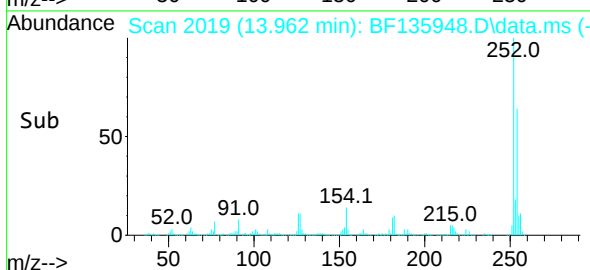
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

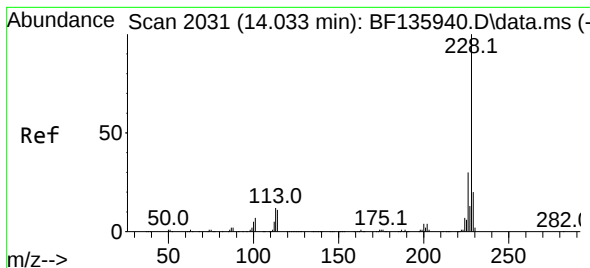


#82
3,3'-Dichlorobenzidine
Concen: 41.748 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:252 Resp: 342740
Ion Ratio Lower Upper
252 100
254 63.9 50.9 76.3
126 11.2 9.8 14.6





#83

Chrysene

Concen: 47.917 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF135948.D

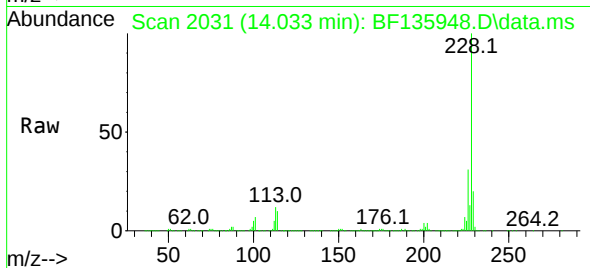
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS



Tgt Ion:228 Resp: 125934

Ion Ratio Lower Upper

228 100

226 31.2 23.9 35.9

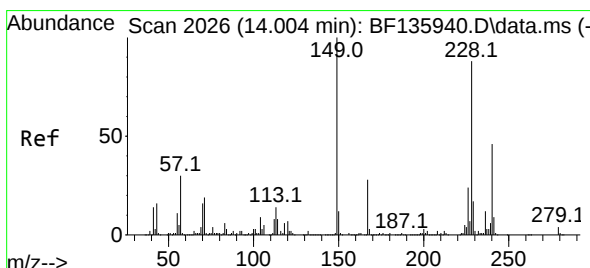
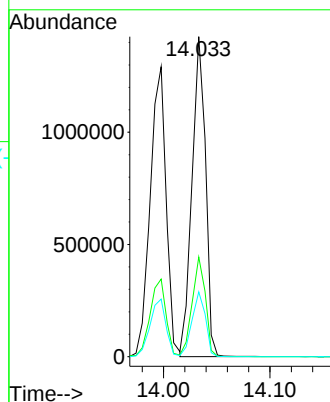
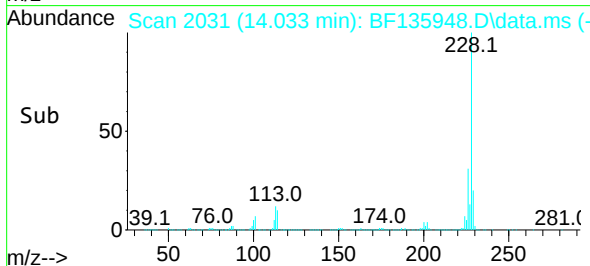
229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.215 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF135948.D

Acq: 25 Oct 2023 18:53

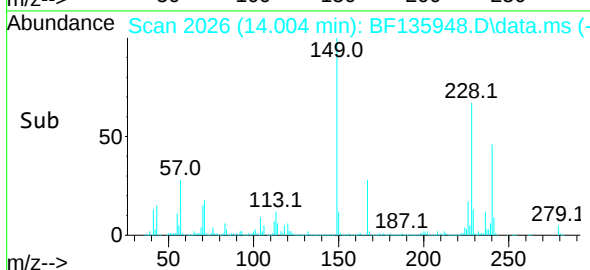
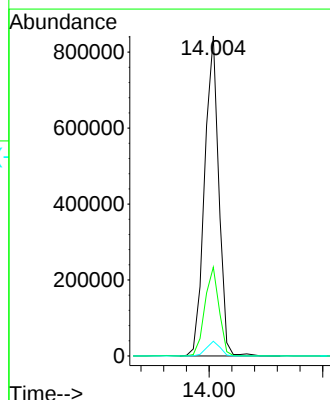
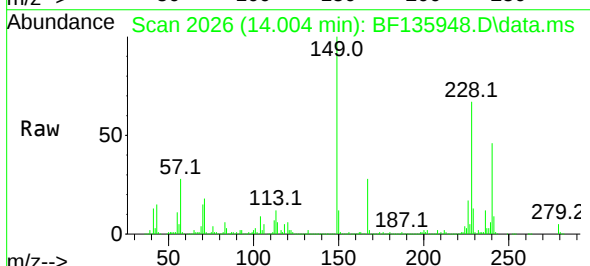
Tgt Ion:149 Resp: 729176

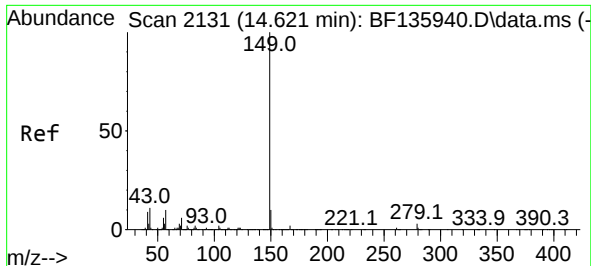
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 4.6 3.1 4.7





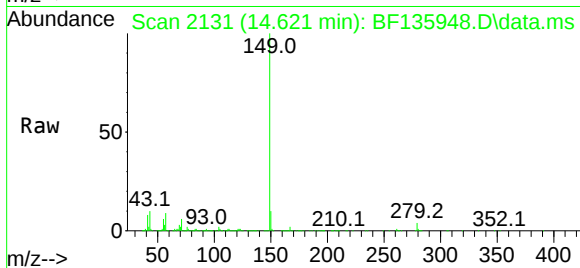
#85
Di-n-octyl phthalate
Concen: 54.491 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

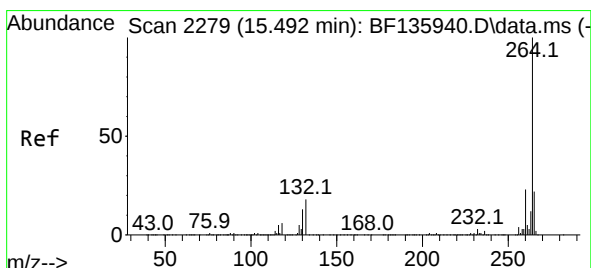
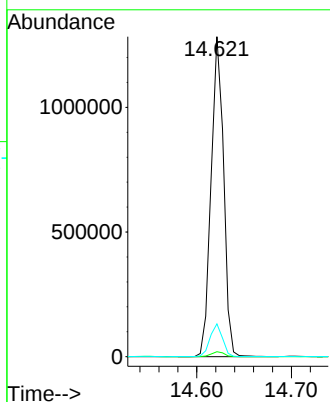
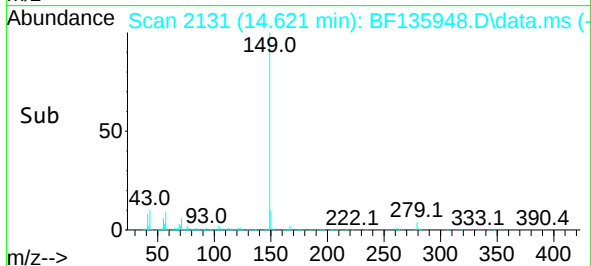
PB156138BS



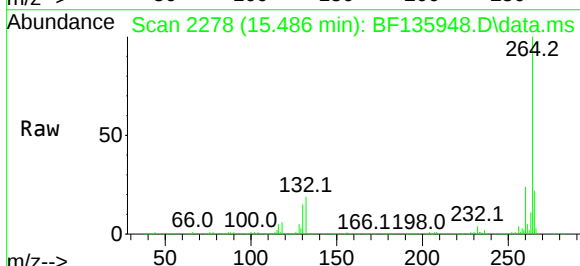
Tgt Ion:149 Resp: 117621
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.6 12.8

Manual Integrations
APPROVED

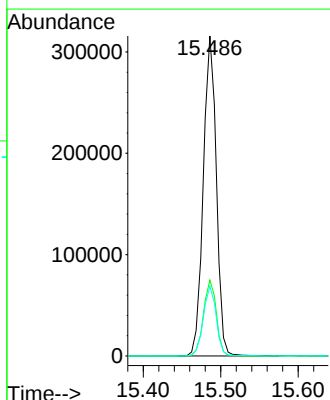
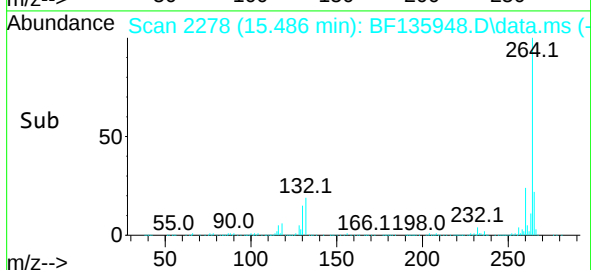
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

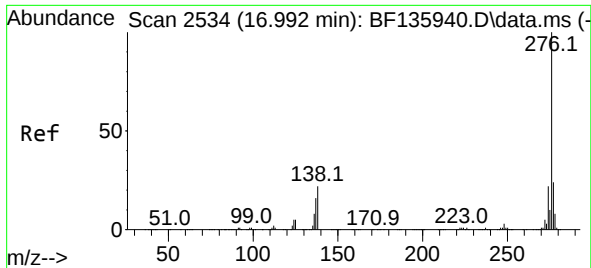


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:264 Resp: 369357
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.8 17.3 25.9





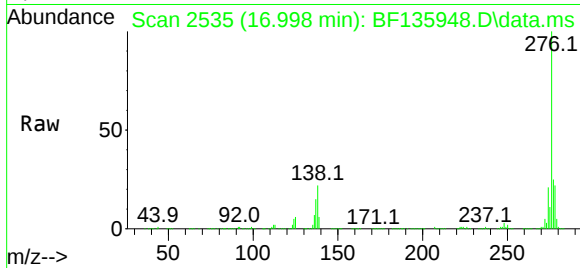
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.683 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135948.D
 Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

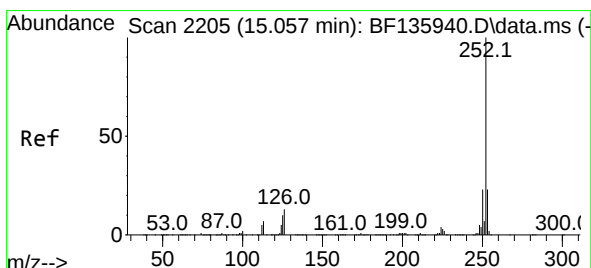
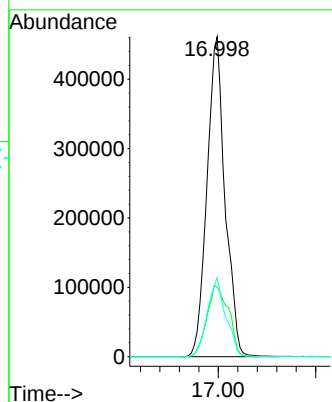
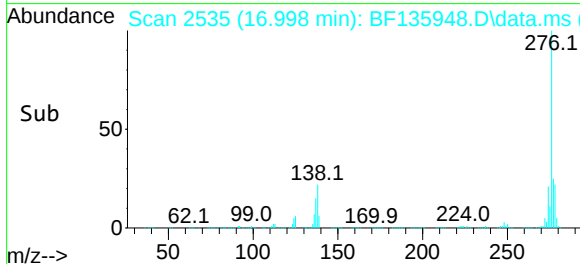


Tgt Ion: 276 Resp: 118716
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.8 32.6
 277 25.2 20.0 30.0

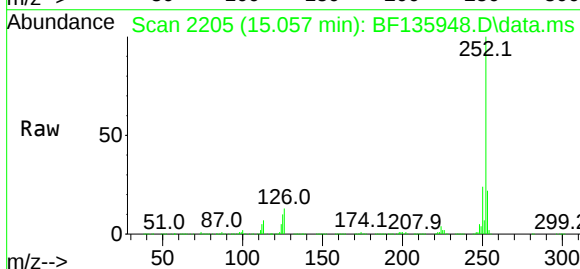
Manual Integrations

APPROVED

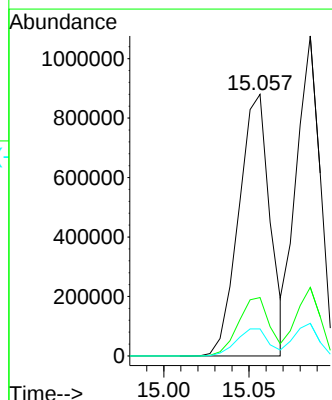
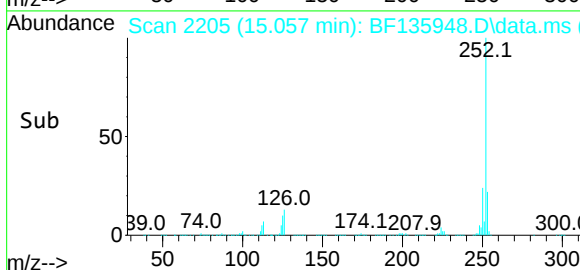
Reviewed By : Yogesh Patel 10/26/2023
 Supervised By : mohammad ahmed 10/26/2023

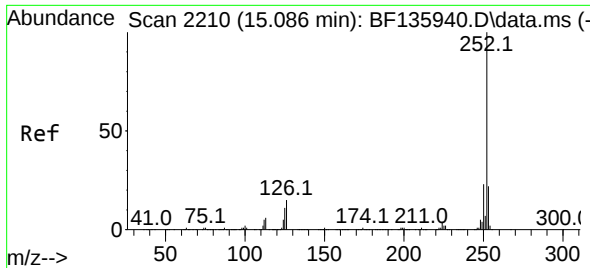


#88
 Benzo(b)fluoranthene
 Concen: 51.011 ng
 RT: 15.057 min Scan# 2205
 Delta R.T. -0.000 min
 Lab File: BF135948.D
 Acq: 25 Oct 2023 18:53



Tgt Ion: 252 Resp: 1121288
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 10.3 8.2 12.4





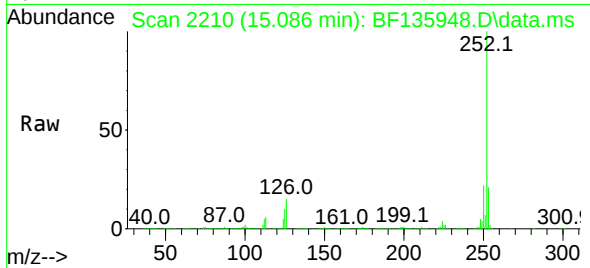
#89
Benzo(k)fluoranthene
Concen: 48.520 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB156138BS

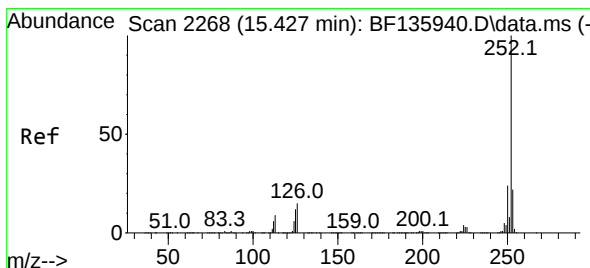
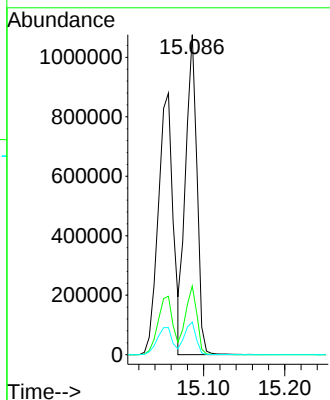
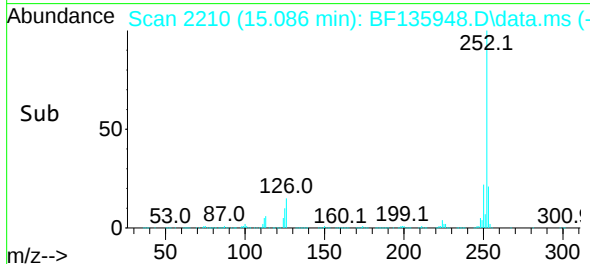


Tgt Ion:252 Resp: 1047471
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.2 8.5 12.7

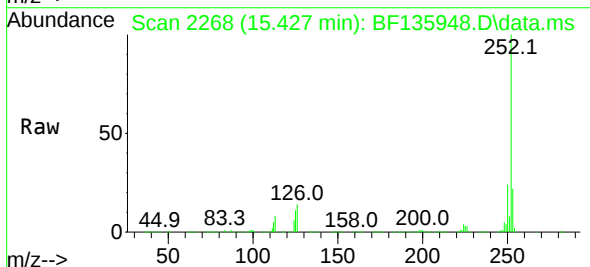
Manual Integrations

APPROVED

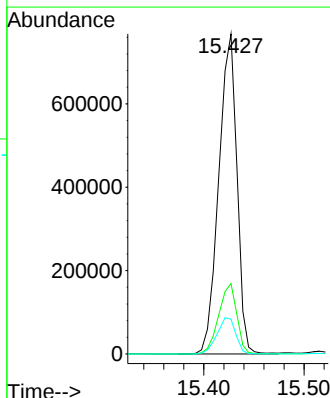
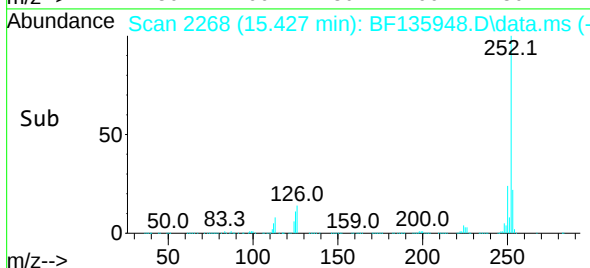
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

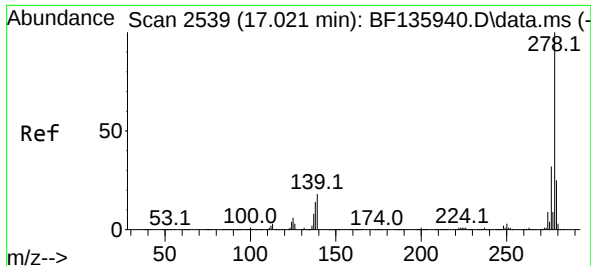


#90
Benzo(a)pyrene
Concen: 47.756 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53



Tgt Ion:252 Resp: 967471
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.9 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 54.817 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Instrument :

BNA_F

ClientSampleId :

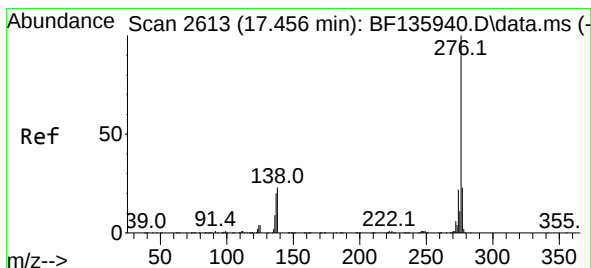
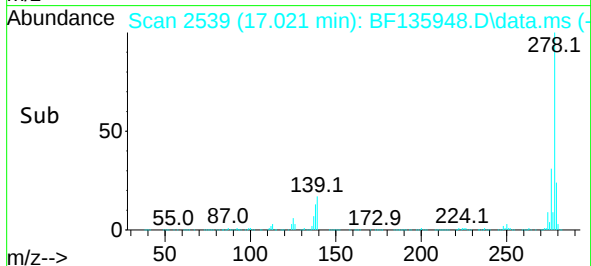
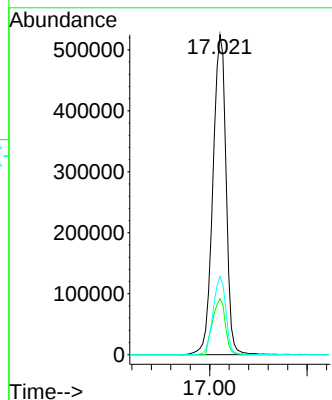
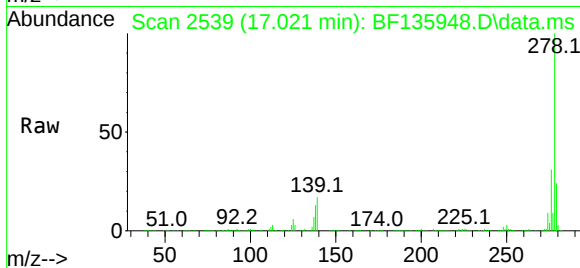
PB156138BS

Tgt Ion:278 Resp: 982018
Ion Ratio Lower Upper
278 100
139 17.5 14.0 21.0
279 24.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#92
Benzo(g,h,i)perylene
Concen: 47.389 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF135948.D
Acq: 25 Oct 2023 18:53

Tgt Ion:276 Resp: 964189
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 23.0 18.4 27.6

