

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135950.D
 Acq On : 25 Oct 2023 19:56
 Operator : CG\JU
 Sample : PB156255BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156255BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 26 04:32:52 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	174333	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	692966	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	341227	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	633449	20.000	ng	0.00
76) Chrysene-d12	14.010	240	402990	20.000	ng	0.00
86) Perylene-d12	15.486	264	385966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1494966	132.418	ng	0.02
7) Phenol-d6	6.463	99	1853857	131.897	ng	0.00
23) Nitrobenzene-d5	7.393	82	1040836	95.613	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	498655	166.956	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1868287	87.672	ng	0.00
79) Terphenyl-d14	12.951	244	2326278	96.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	186563	35.574	ng	98
3) Pyridine	3.457	79	492554	34.027	ng	98
4) n-Nitrosodimethylamine	3.428	42	272407	43.159	ng	98
6) Aniline	6.487	93	641585	33.900	ng	100
8) 2-Chlorophenol	6.604	128	560139	47.926	ng	98
9) Benzaldehyde	6.369	77	89133	11.723	ng	97
10) Phenol	6.475	94	680238m	46.294	ng	
11) bis(2-Chloroethyl)ether	6.563	93	519016	45.379	ng	96
12) 1,3-Dichlorobenzene	6.763	146	570039	45.918	ng	99
13) 1,4-Dichlorobenzene	6.840	146	577607	46.327	ng	97
14) 1,2-Dichlorobenzene	6.993	146	545889	47.149	ng	98
15) Benzyl Alcohol	6.969	79	432617	43.541	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	762007	45.240	ng	99
17) 2-Methylphenol	7.075	107	439369	42.654	ng	98
18) Hexachloroethane	7.334	117	204270	48.183	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	354948	44.409	ng	96
20) 3+4-Methylphenols	7.228	107	528575	42.516	ng	98
22) Acetophenone	7.240	105	716760	45.796	ng	# 90
24) Nitrobenzene	7.410	77	542106	47.280	ng	100
25) Isophorone	7.645	82	990809	45.234	ng	99
26) 2-Nitrophenol	7.722	139	242825	55.969	ng	97
27) 2,4-Dimethylphenol	7.757	122	418626	41.934	ng	96
28) bis(2-Chloroethoxy)met...	7.857	93	610506	45.388	ng	99
29) 2,4-Dichlorophenol	7.963	162	442907	49.545	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	481399	47.561	ng	99
31) Naphthalene	8.128	128	1503064	44.863	ng	100
32) Benzoic acid	7.887	122	292113	55.553	ng	89
33) 4-Chloroaniline	8.175	127	328026	22.152	ng	98
34) Hexachlorobutadiene	8.245	225	265760	46.584	ng	100
35) Caprolactam	8.551	113	156141m	52.486	ng	
36) 4-Chloro-3-methylphenol	8.657	107	461307	48.558	ng	99
37) 2-Methylnaphthalene	8.816	142	953563	43.017	ng	98
38) 1-Methylnaphthalene	8.916	142	929963	44.898	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	440621	45.719	ng	99
41) Hexachlorocyclopentadiene	8.975	237	488766	102.851	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	291892	51.747	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	329803	49.244	ng	95
46) 1,1'-Biphenyl	9.287	154	1191259	46.073	ng	100
47) 2-Chloronaphthalene	9.310	162	920416	48.127	ng	99
48) 2-Nitroaniline	9.404	65	279232	52.349	ng	98
49) Acenaphthylene	9.728	152	1456650	48.280	ng	99
50) Dimethylphthalate	9.592	163	1042035	47.090	ng	100
51) 2,6-Dinitrotoluene	9.651	165	232002	50.311	ng	# 84
52) Acenaphthene	9.898	154	984135m	50.897	ng	
53) 3-Nitroaniline	9.816	138	198369	37.264	ng	95
54) 2,4-Dinitrophenol	9.922	184	191237	94.567	ng	97
55) Dibenzofuran	10.069	168	1304417	46.697	ng	100
56) 4-Nitrophenol	9.975	139	449454	99.085	ng	91
57) 2,4-Dinitrotoluene	10.051	165	313315	54.304	ng	96
58) Fluorene	10.416	166	961055	45.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	281626	55.881	ng	99
60) Diethylphthalate	10.298	149	995468	47.175	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	457331	45.366	ng	98
62) 4-Nitroaniline	10.439	138	258407	47.586	ng	92
63) Azobenzene	10.569	77	980896	45.806	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	129309	57.282	ng	99
66) n-Nitrosodiphenylamine	10.528	169	905738	47.330	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	302408	46.616	ng	97
68) Hexachlorobenzene	10.957	284	354017	51.085	ng	97
69) Atrazine	11.063	200	300136	57.533	ng	99
70) Pentachlorophenol	11.157	266	411264	92.884	ng	99
71) Phenanthrene	11.381	178	1537327	47.970	ng	99
72) Anthracene	11.433	178	1545470	47.097	ng	99
73) Carbazole	11.586	167	1417015	48.408	ng	99
74) Di-n-butylphthalate	11.928	149	1548987	49.728	ng	100
75) Fluoranthene	12.569	202	1626962	48.255	ng	97
77) Benzidine	12.698	184	438169	56.388	ng	100
78) Pyrene	12.804	202	1672330	49.424	ng	99
80) Butylbenzylphthalate	13.433	149	633751	49.435	ng	95
81) Benzo(a)anthracene	13.998	228	1335164	48.727	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	347061	41.632	ng	99
83) Chrysene	14.033	228	1275320	47.787	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	745027	53.545	ng	99
85) Di-n-octyl phthalate	14.621	149	1213815	55.378	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1215069	55.519	ng	99
88) Benzo(b)fluoranthene	15.057	252	1181251	51.426	ng	99
89) Benzo(k)fluoranthene	15.086	252	1076812	47.733	ng	100
90) Benzo(a)pyrene	15.427	252	1002313	47.346	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1013187	54.123	ng	100
92) Benzo(g,h,i)perylene	17.457	276	966749	45.623	ng	99

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

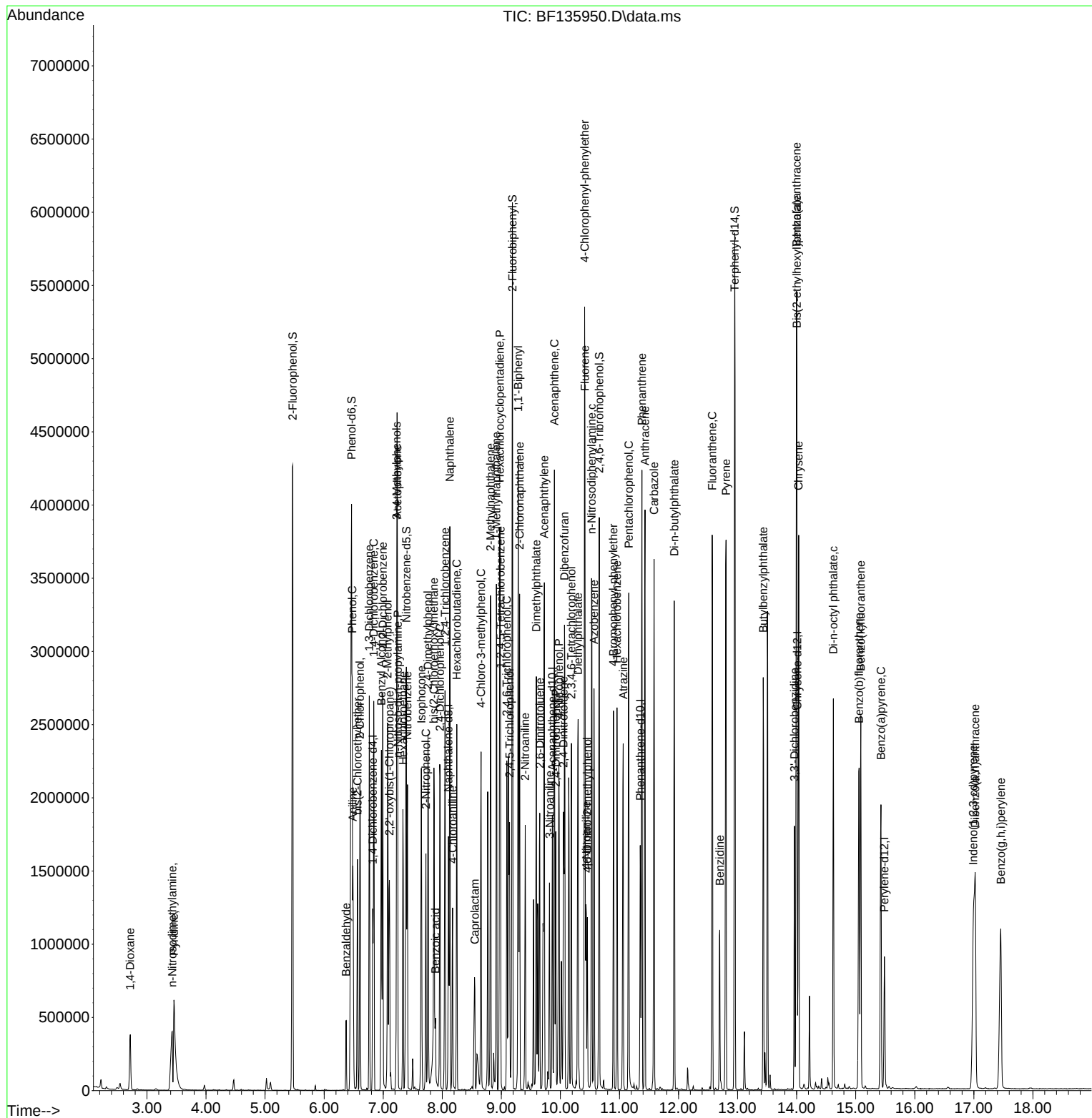
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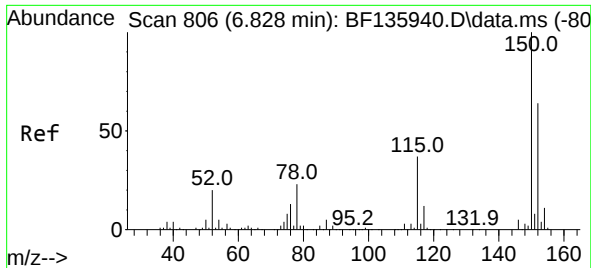
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Supervised By :mohammad ahmed 10/26/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

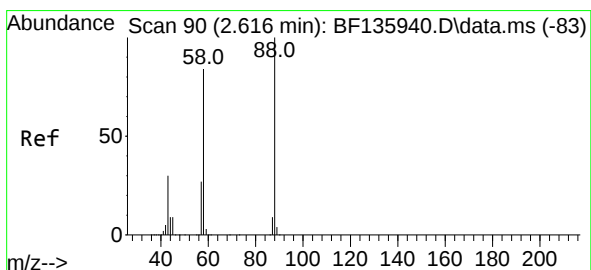
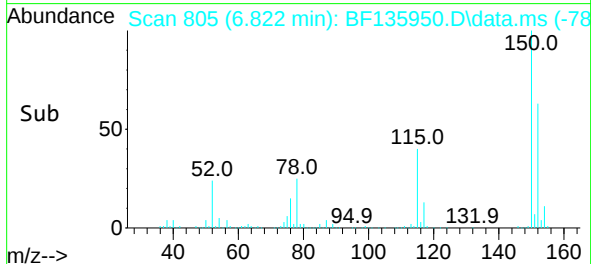
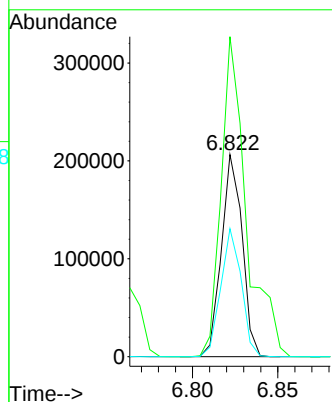
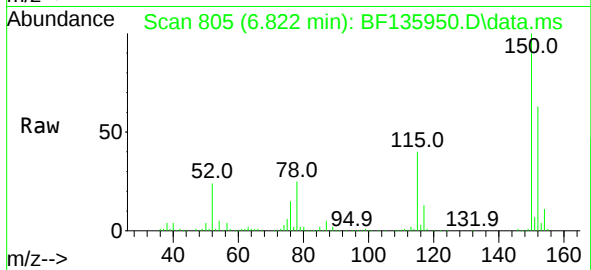
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Tgt Ion:152 Resp: 17433
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 63.3 46.6 69.8

Manual Integrations

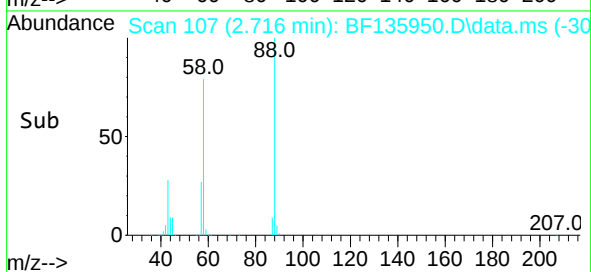
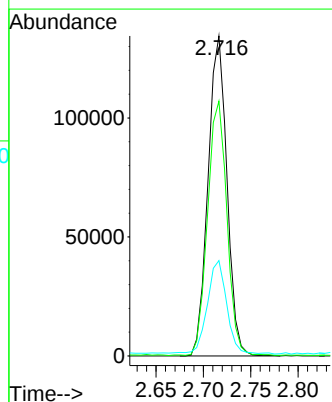
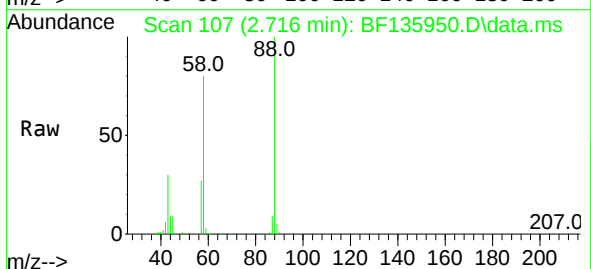
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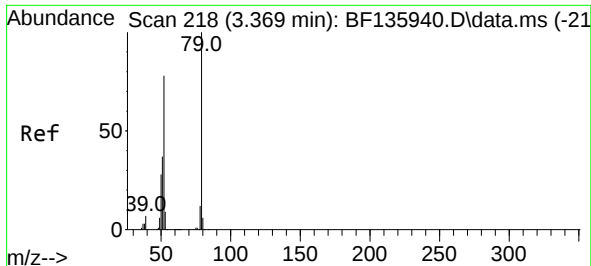
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#2
1,4-Dioxane
Concen: 35.574 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.100 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

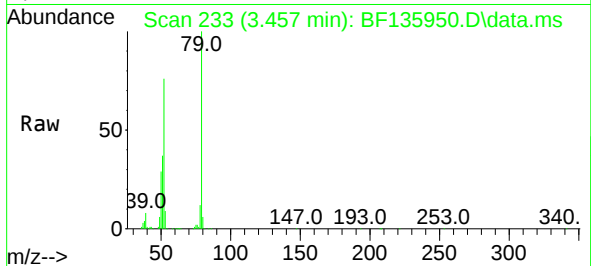
Tgt Ion: 88 Resp: 186563
Ion Ratio Lower Upper
88 100
58 81.4 66.6 100.0
43 30.5 23.8 35.8





#3
Pyridine
Concen: 34.027 ng
RT: 3.457 min Scan# 218
Delta R.T. 0.088 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

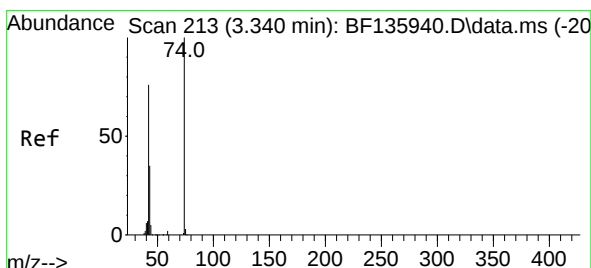
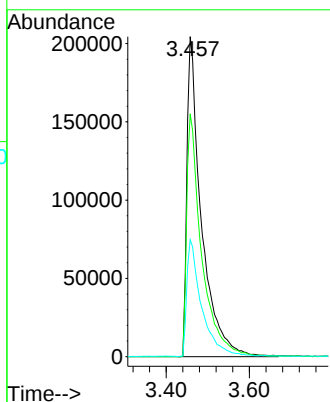
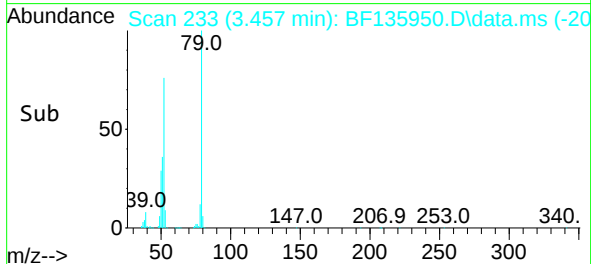
Instrument :
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ClientSampleId :
PB156255BS



Tgt Ion: 79 Resp: 492554
Ion Ratio Lower Upper
79 100
52 75.9 62.6 93.8
51 36.5 29.8 44.8

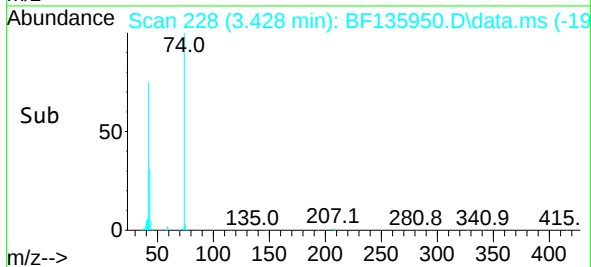
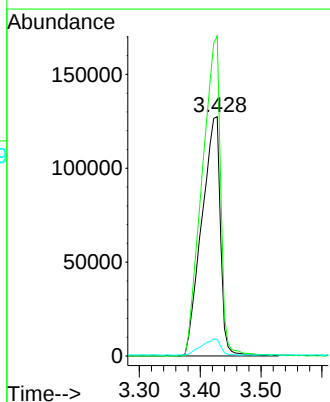
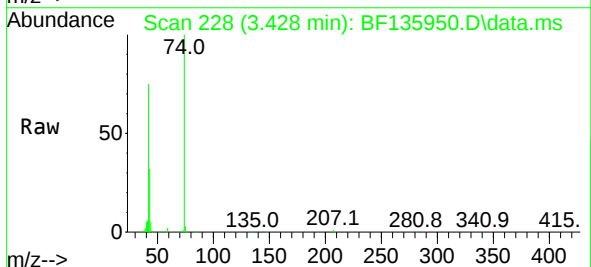
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Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 43.159 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion: 42 Resp: 272407
Ion Ratio Lower Upper
42 100
74 133.8 104.8 157.2
44 7.0 5.9 8.9





#5
2-Fluorophenol
Concen: 132.418 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

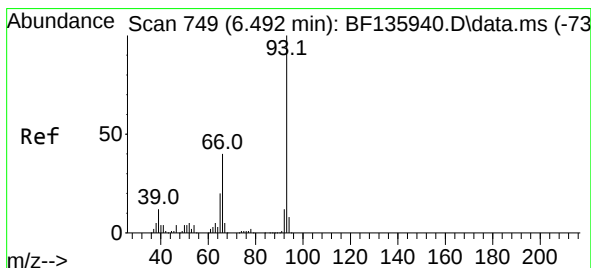
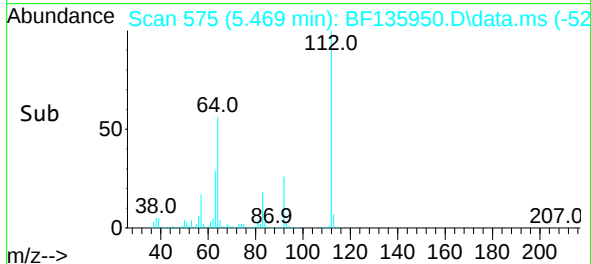
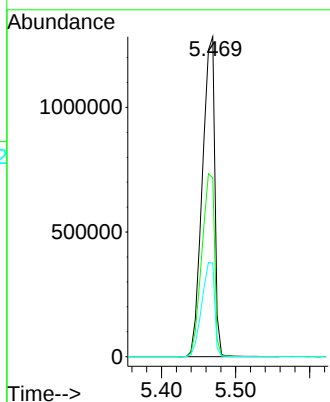
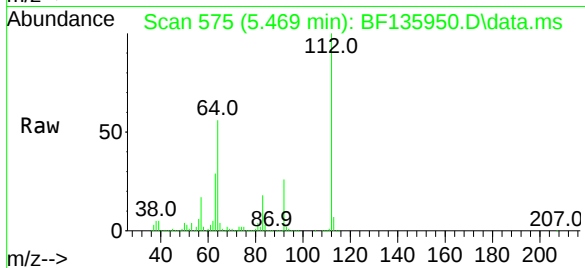
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Tgt Ion:112 Resp: 1494960
Ion Ratio Lower Upper
112 100
64 55.8 45.1 67.7
63 29.3 23.0 34.4

Manual Integrations

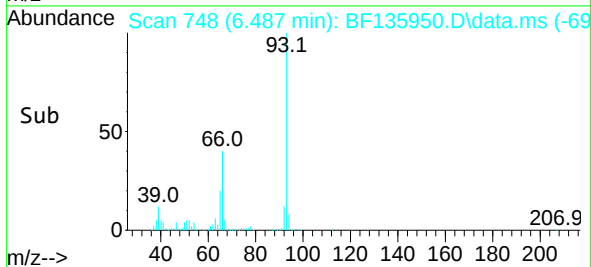
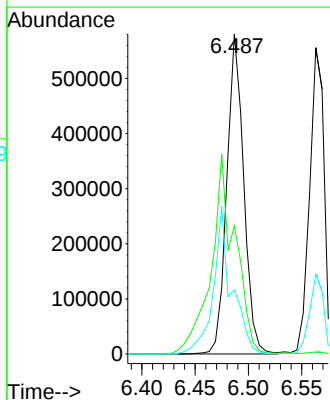
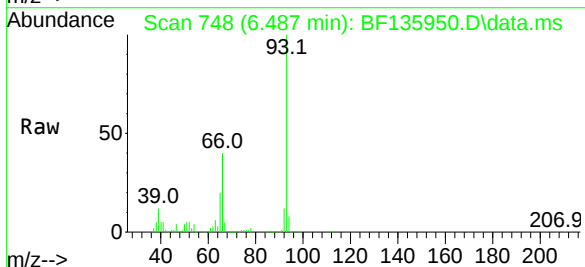
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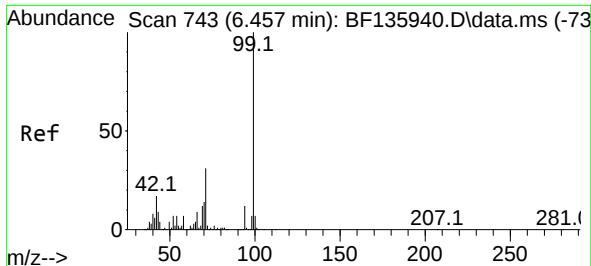
Reviewed By :Yogesh Patel 10/26/2023
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#6
Aniline
Concen: 33.900 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

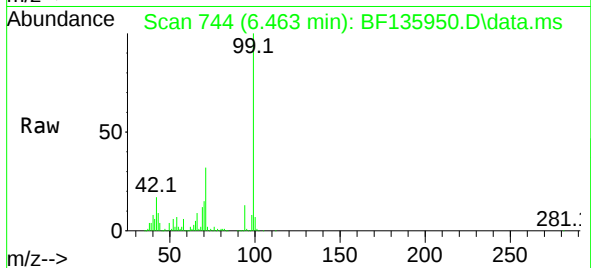
Tgt Ion: 93 Resp: 641585
Ion Ratio Lower Upper
93 100
66 40.0 32.0 48.0
65 19.9 16.2 24.4





#7
Phenol-d6
Concen: 131.897 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

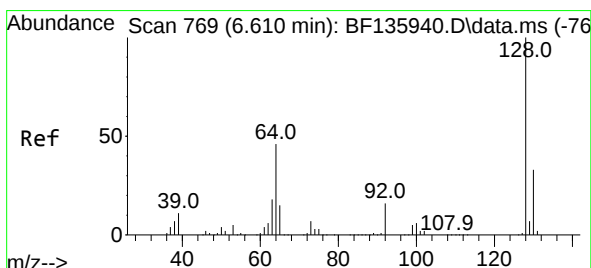
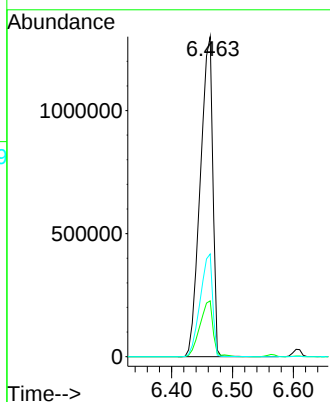
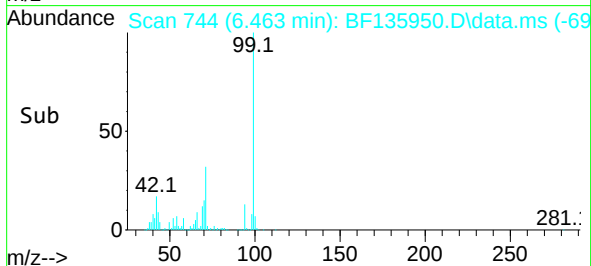
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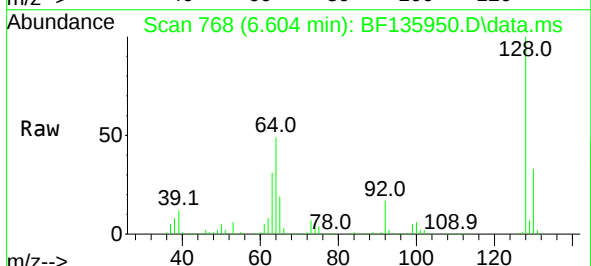
Tgt Ion: 99 Resp: 185385
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 32.1 25.1 37.7

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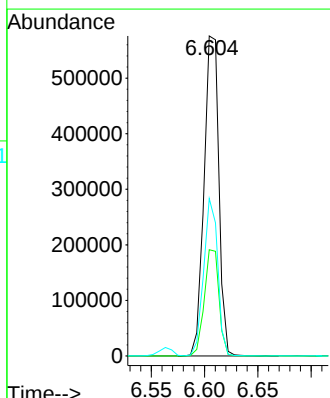
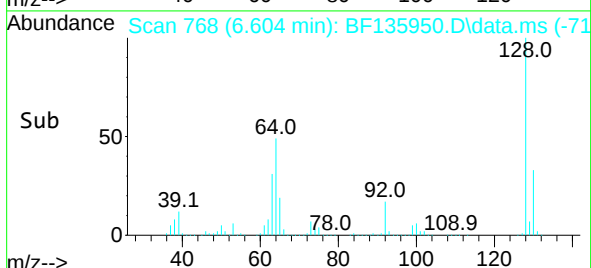
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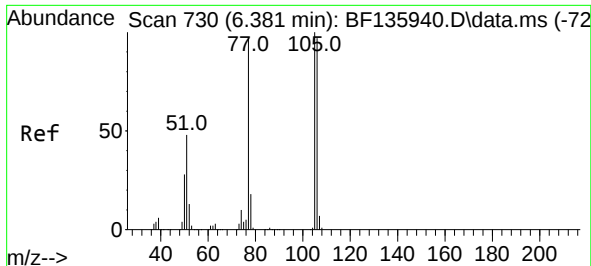


#8
2-Chlorophenol
Concen: 47.926 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:128 Resp: 560139
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 49.2 27.0 67.0





#9

Benzaldehyde

Concen: 11.723 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135950.D

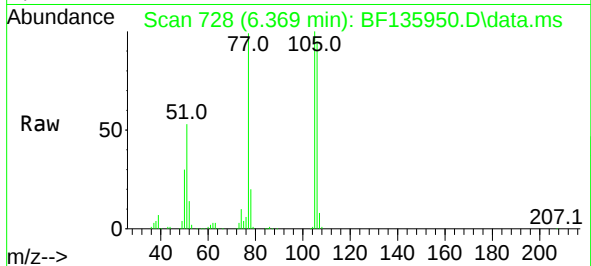
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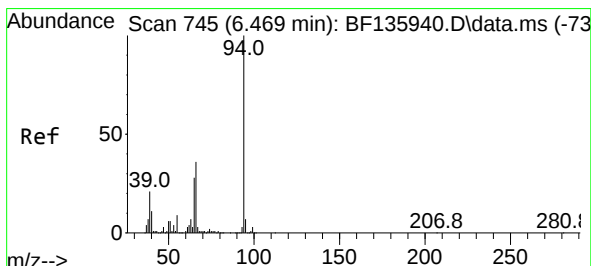
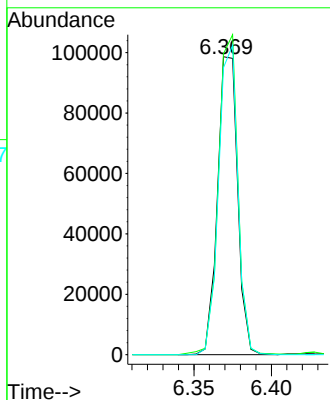
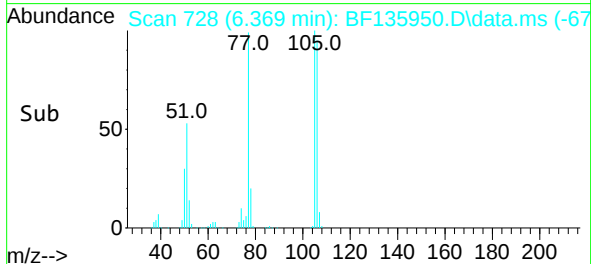
PB156255BS



Tgt Ion: 77	Resp: 8913
Ion Ratio	Lower Upper
77	100
105	101.0 83.2 123.2
106	96.3 80.0 120.0

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#10

Phenol

Concen: 46.294 ng m

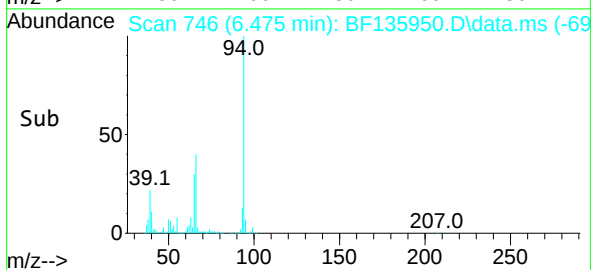
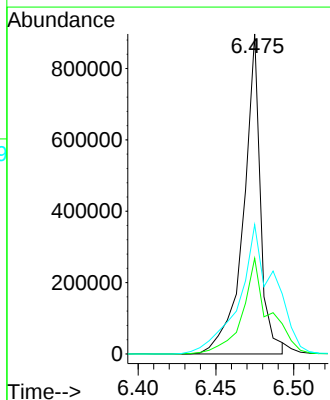
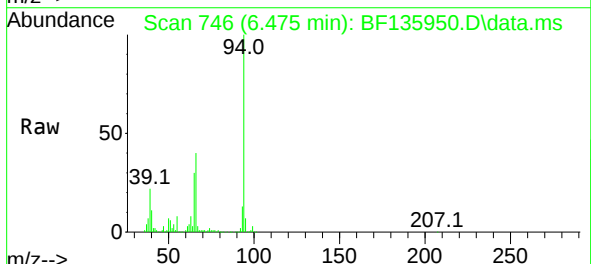
RT: 6.475 min Scan# 746

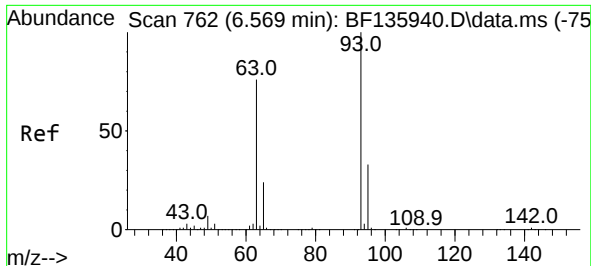
Delta R.T. 0.006 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Tgt Ion: 94	Resp: 680238
Ion Ratio	Lower Upper
94	100
65	29.9 7.8 47.8
66	40.4 16.5 56.5





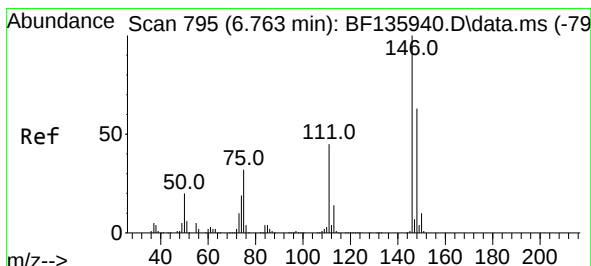
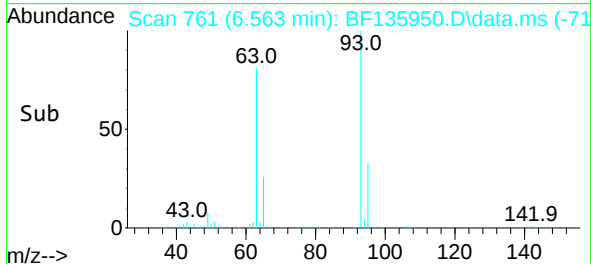
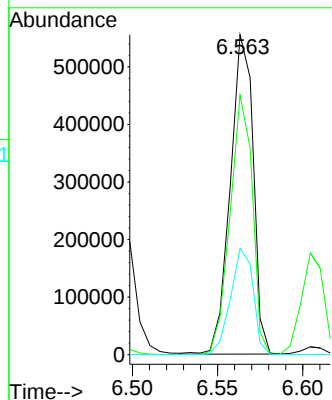
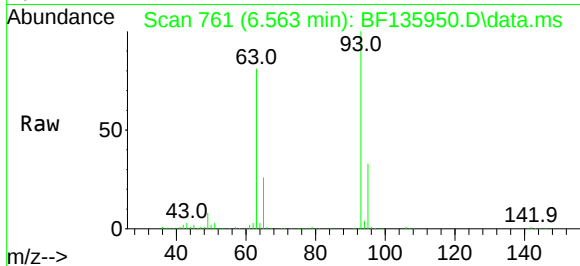
#11
bis(2-Chloroethyl)ether
Concen: 45.379 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :
BNA_F
ClientSampleId :
PB156255BS

Tgt Ion: 93 Resp: 519010
Ion Ratio Lower Upper
93 100
63 81.1 56.2 96.2
95 33.2 12.9 52.9

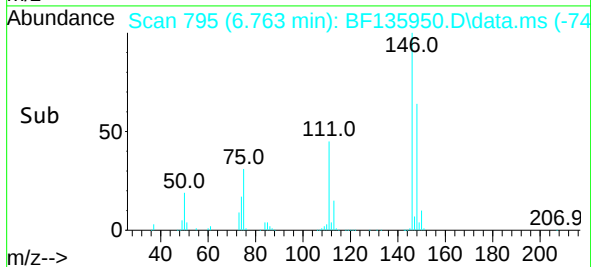
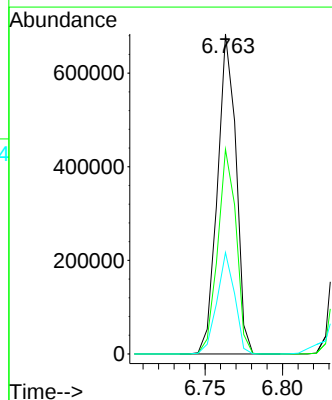
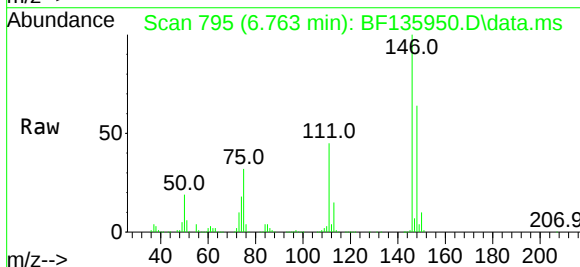
Manual Integrations
APPROVED

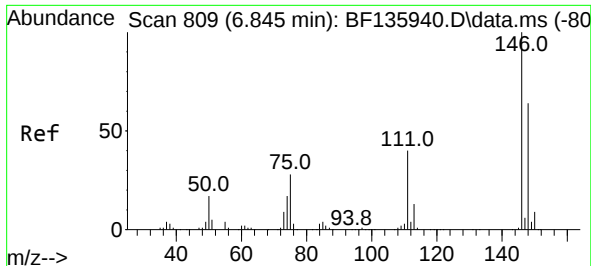
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 45.918 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

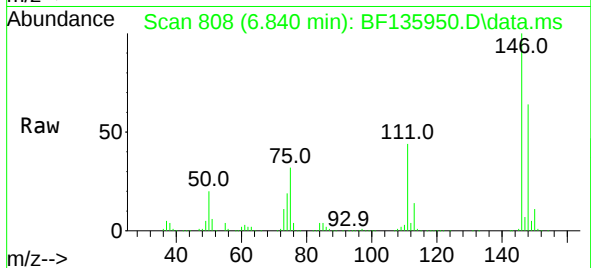
Tgt Ion:146 Resp: 570039
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 31.7 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 46.327 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

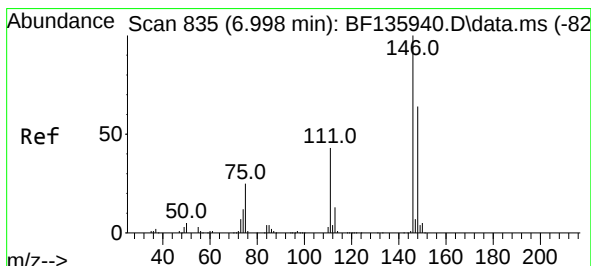
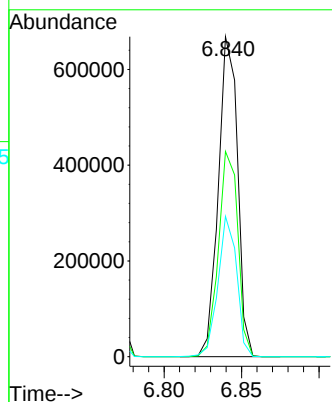
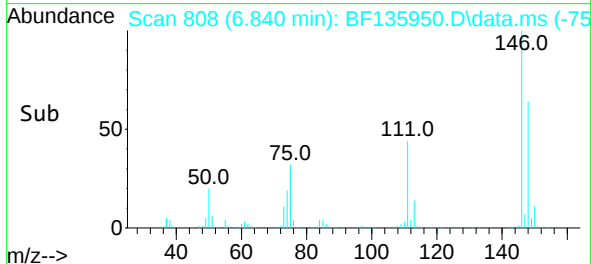
Instrument :
BNA_F
ClientSampleId :
PB156255BS



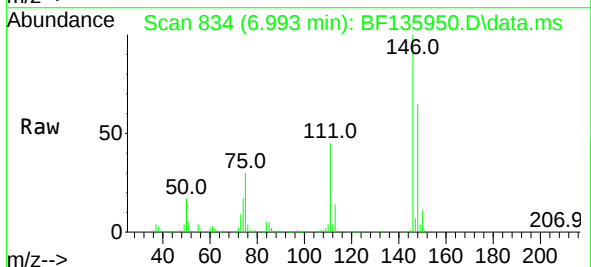
Tgt Ion:146 Resp: 57760
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 43.8 31.8 47.8

Manual Integrations
APPROVED

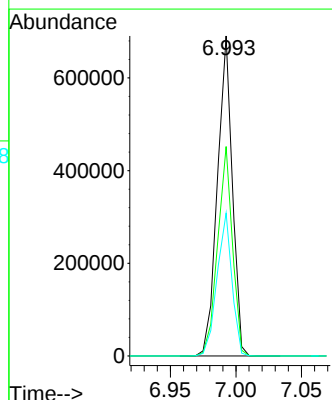
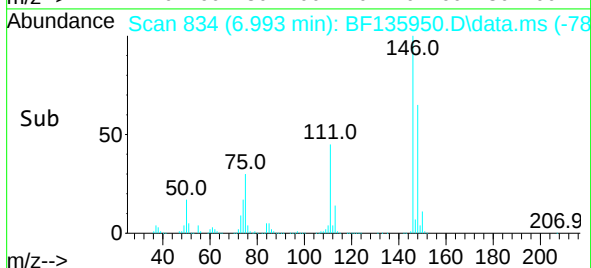
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

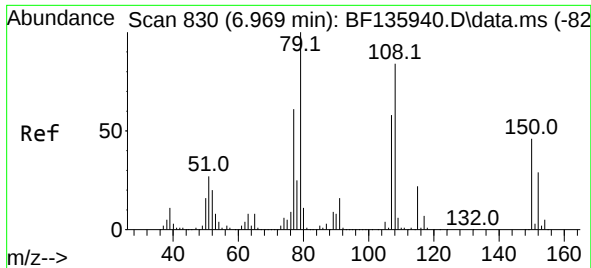


#14
1,2-Dichlorobenzene
Concen: 47.149 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



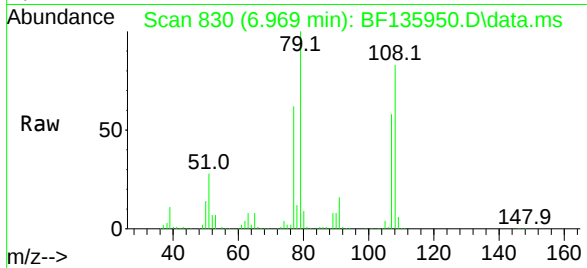
Tgt Ion:146 Resp: 545889
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.0
111 44.7 34.2 51.4





#15
Benzyl Alcohol
Concen: 43.541 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

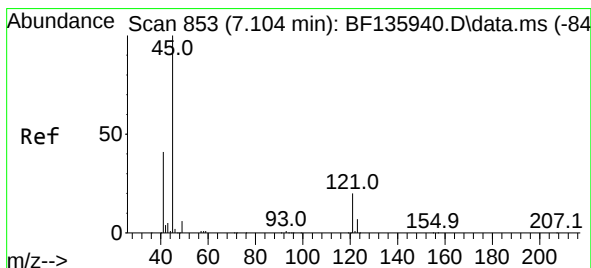
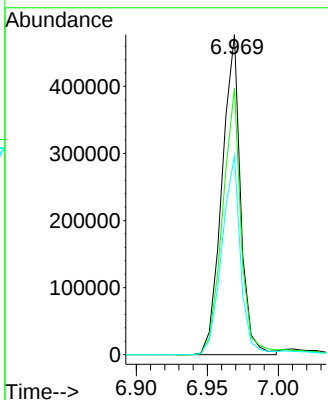
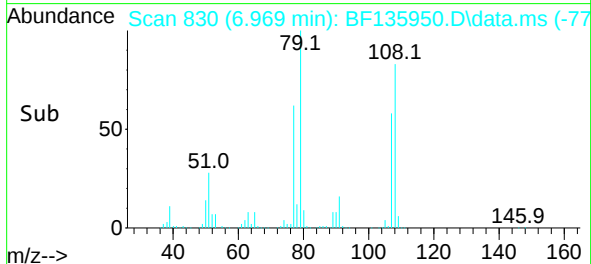
Instrument :
BNA_F
ClientSampleId :
PB156255BS



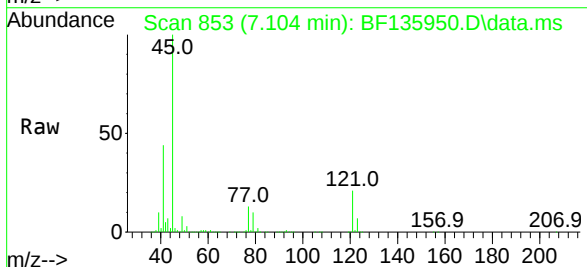
Tgt Ion: 79 Resp: 432617
Ion Ratio Lower Upper
79 100
108 83.3 67.2 100.8
77 62.1 49.0 73.6

Manual Integrations
APPROVED

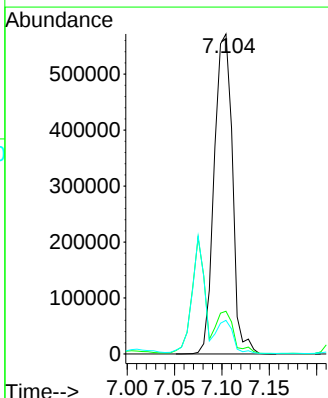
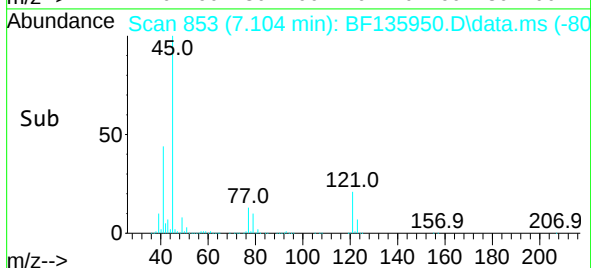
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

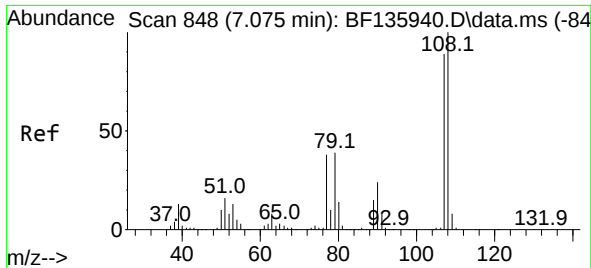


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.240 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



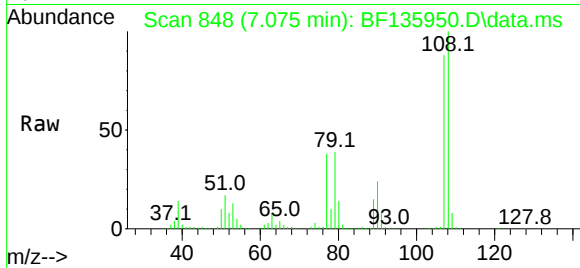
Tgt Ion: 45 Resp: 762007
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.2
79 10.5 0.0 29.8





#17
2-Methylphenol
Concen: 42.654 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

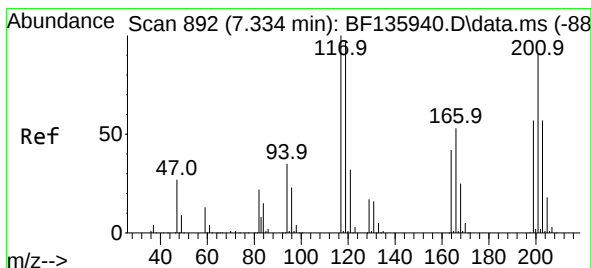
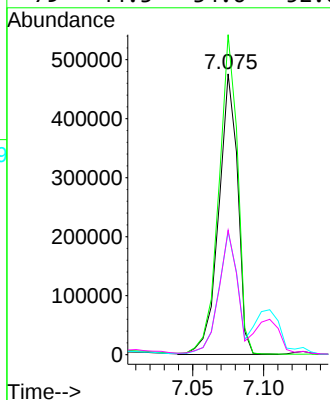
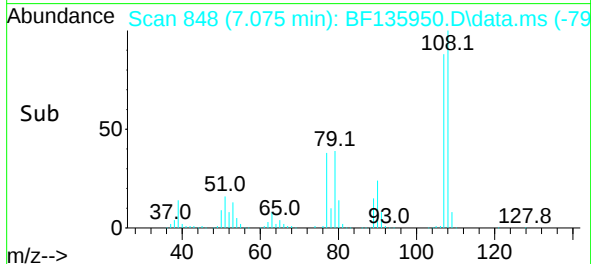
Instrument :
BNA_F
ClientSampleId :
PB156255BS



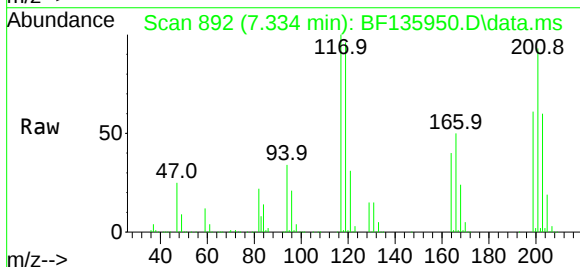
Tgt Ion:107 Resp: 439369
Ion Ratio Lower Upper
107 100
108 114.0 89.8 134.6
77 43.8 34.2 51.2
79 44.3 34.6 52.0

Manual Integrations
APPROVED

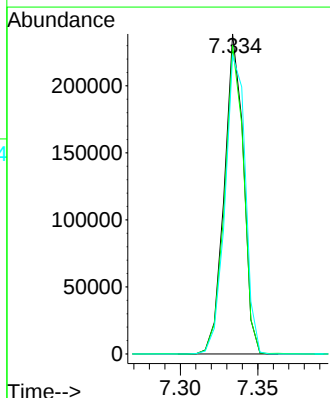
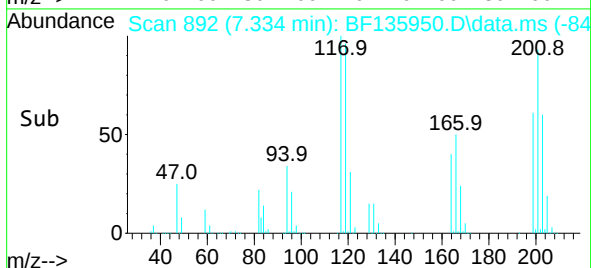
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

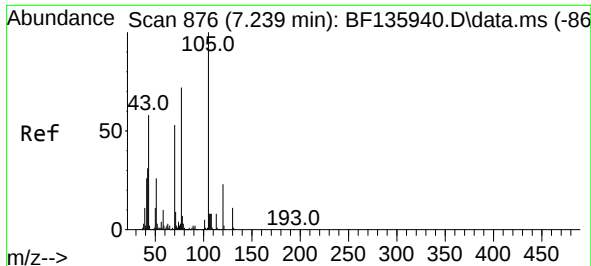


#18
Hexachloroethane
Concen: 48.183 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:117 Resp: 204270
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
201 93.2 72.8 109.2





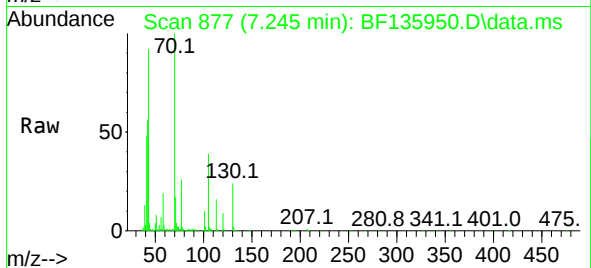
#19
n-Nitroso-di-n-propylamine
Concen: 44.409 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

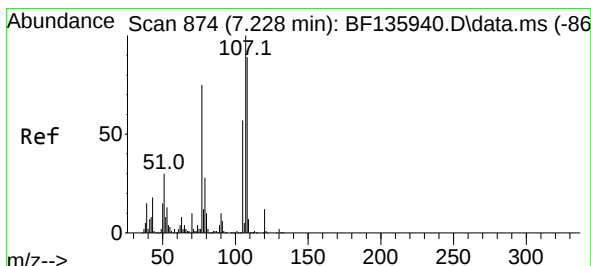
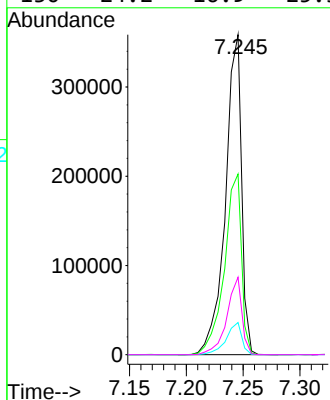
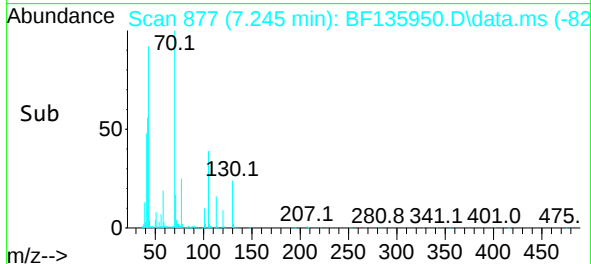


Tgt Ion: 70 Resp: 354948
Ion Ratio Lower Upper
70 100
42 56.4 47.3 70.9
101 10.0 7.8 11.8
130 24.2 16.9 25.3

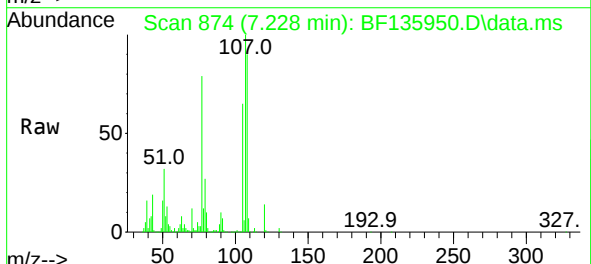
Manual Integrations

APPROVED

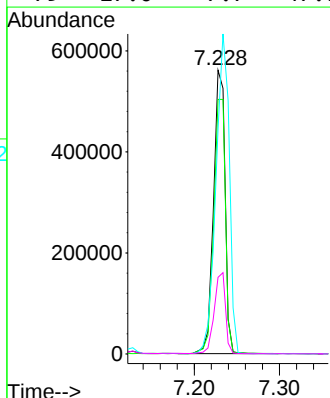
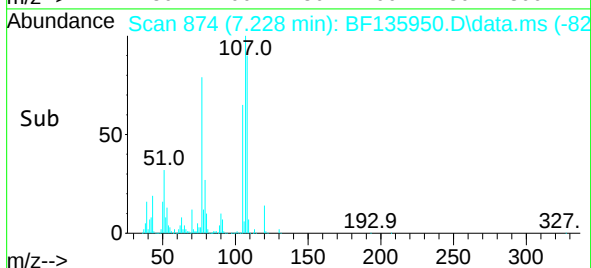
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

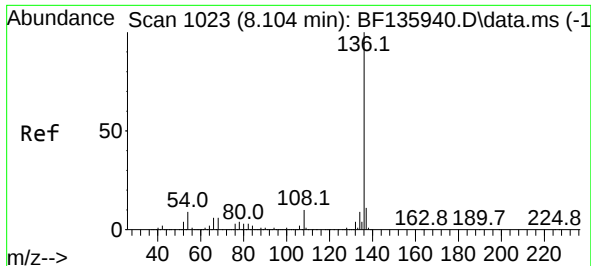


#20
3+4-Methylphenols
Concen: 42.516 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:107 Resp: 528575
Ion Ratio Lower Upper
107 100
108 89.7 69.1 109.1
77 79.3 55.0 95.0
79 27.0 7.7 47.7





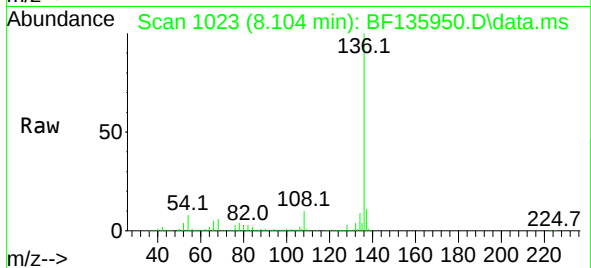
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

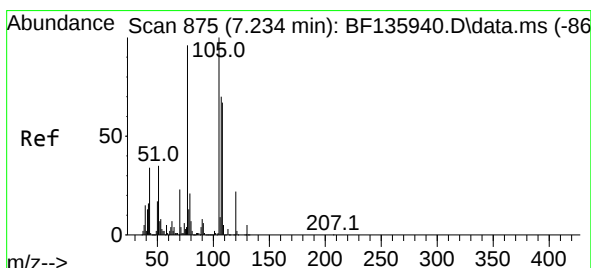
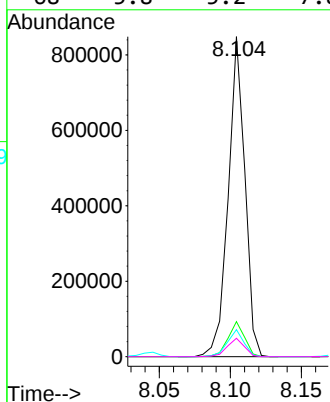
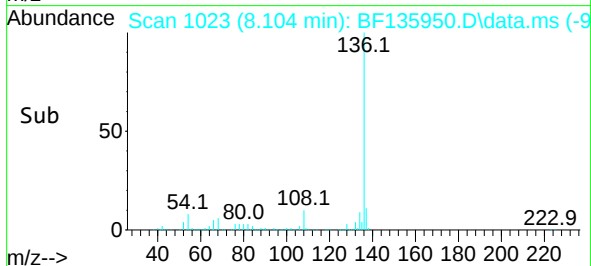


Tgt Ion:136 Resp: 692960
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.5 7.1 10.7
68 5.8 5.2 7.8

Manual Integrations

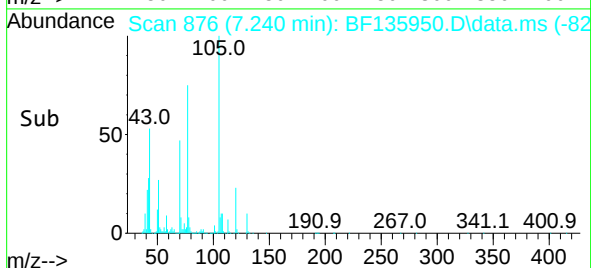
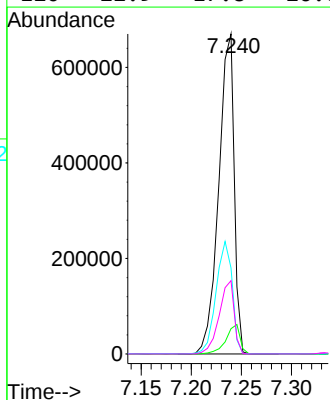
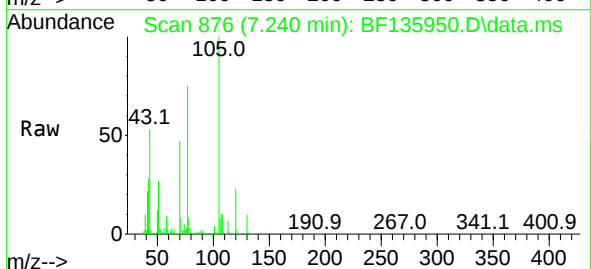
APPROVED

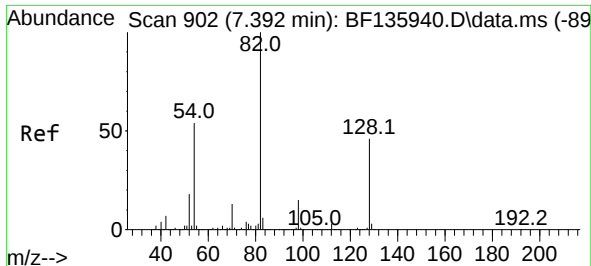
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 45.796 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion:105 Resp: 716760
Ion Ratio Lower Upper
105 100
71 7.9 3.4 5.2#
51 26.9 28.4 42.6#
120 22.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 95.613 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.001 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

Tgt Ion: 82 Resp: 1040830

Ion Ratio Lower Upper

82 100

128 47.8 36.8 55.2

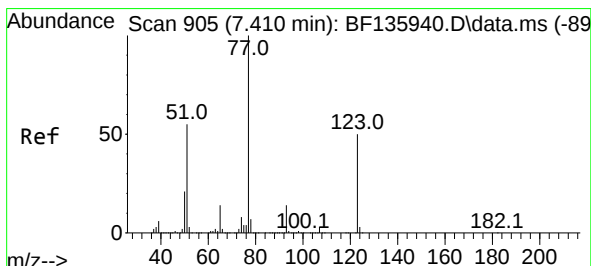
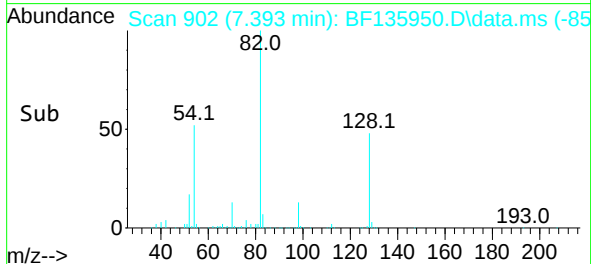
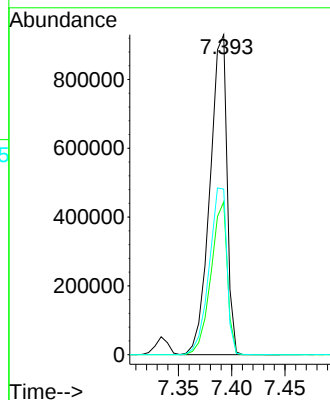
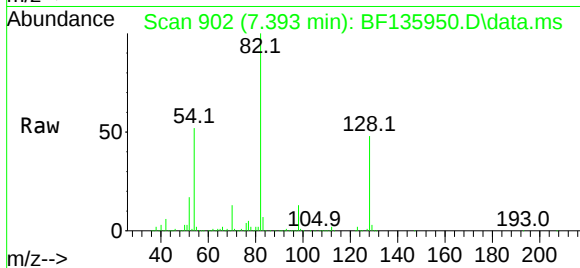
54 51.8 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#24

Nitrobenzene

Concen: 47.280 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

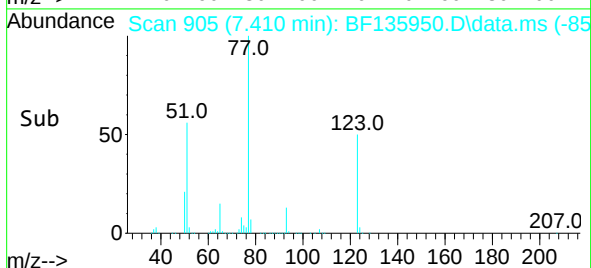
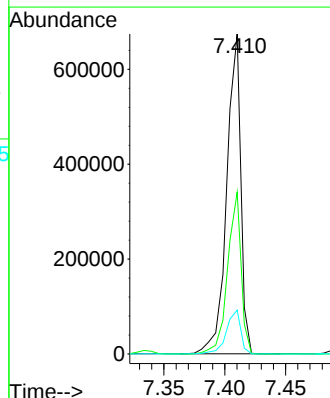
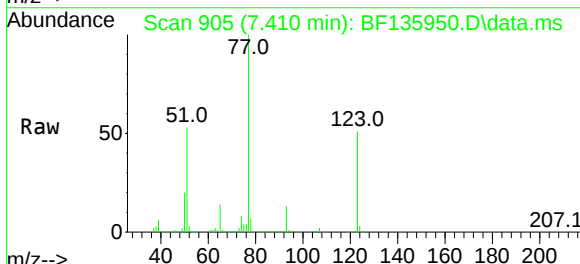
Tgt Ion: 77 Resp: 542106

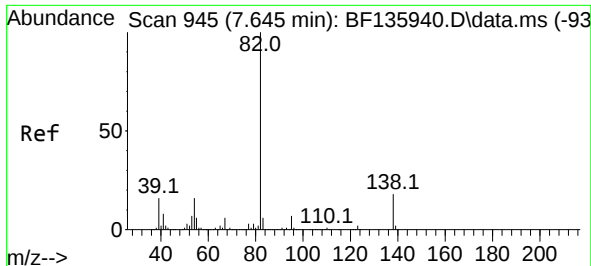
Ion Ratio Lower Upper

77 100

123 50.5 40.2 60.2

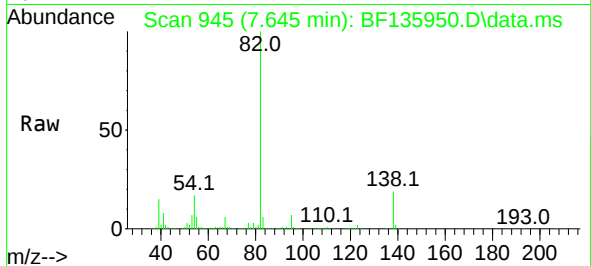
65 13.7 11.0 16.4





#25
Isophorone
Concen: 45.234 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

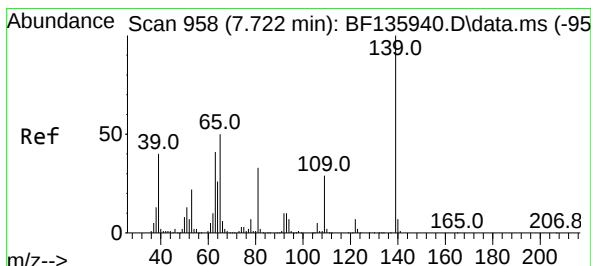
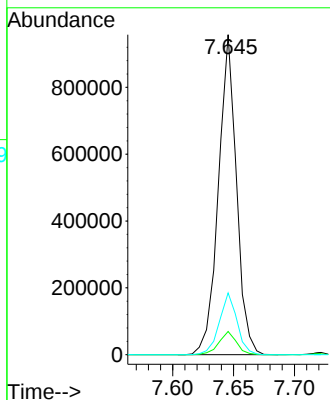
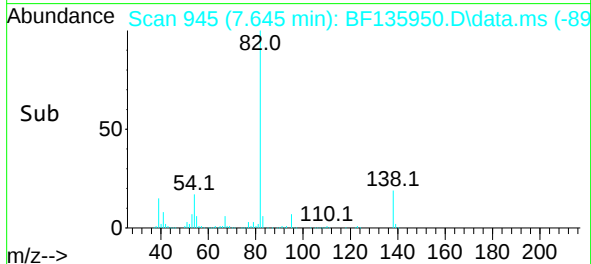
Instrument :
BNA_F
ClientSampleId :
PB156255BS



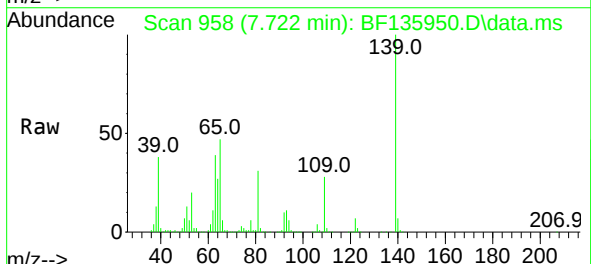
Tgt Ion: 82 Resp: 990809
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.3 14.8 22.2

Manual Integrations
APPROVED

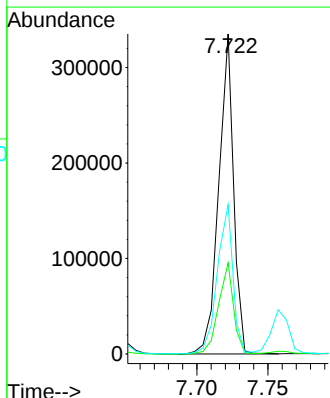
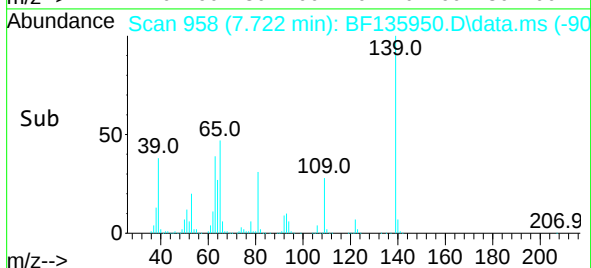
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

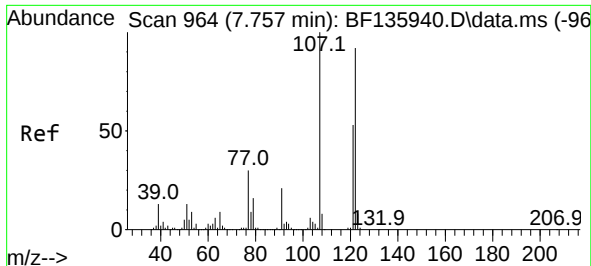


#26
2-Nitrophenol
Concen: 55.969 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:139 Resp: 242825
Ion Ratio Lower Upper
139 100
109 28.5 23.1 34.7
65 46.6 39.8 59.8





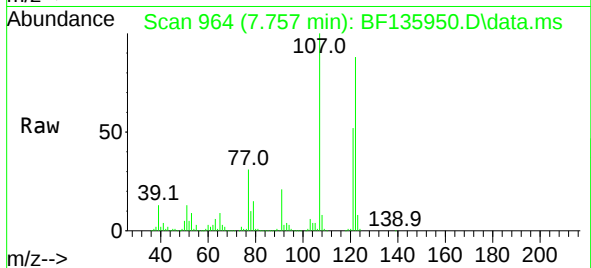
#27
2,4-Dimethylphenol
Concen: 41.934 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS



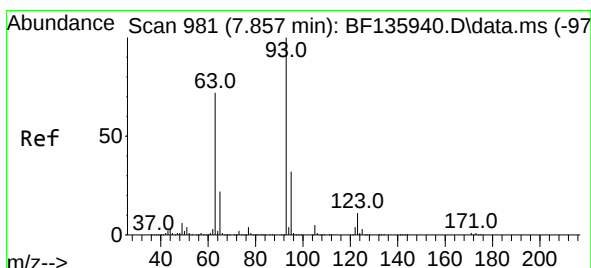
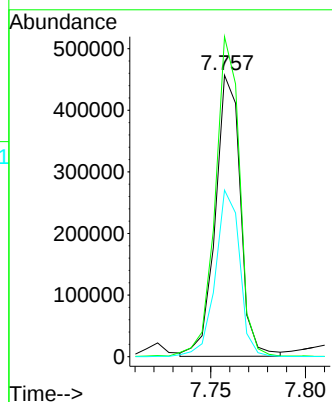
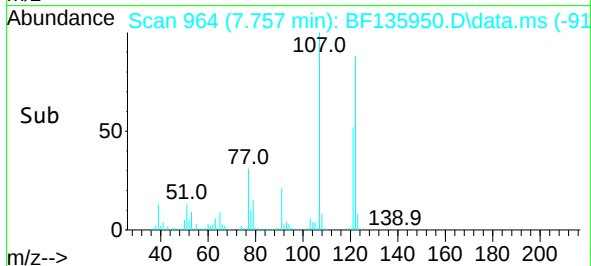
Tgt Ion:122 Resp: 418620
Ion Ratio Lower Upper
122 100
107 113.7 87.1 130.7
121 59.2 45.9 68.9

Manual Integrations

APPROVED

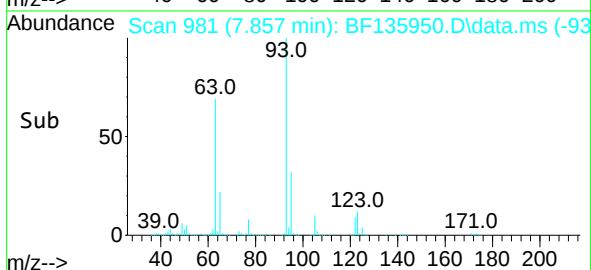
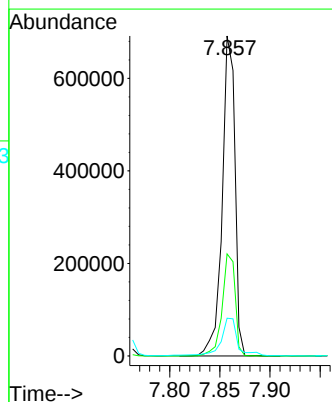
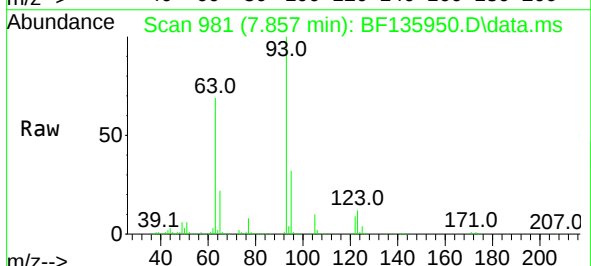
Reviewed By :Yogesh Patel 10/26/2023

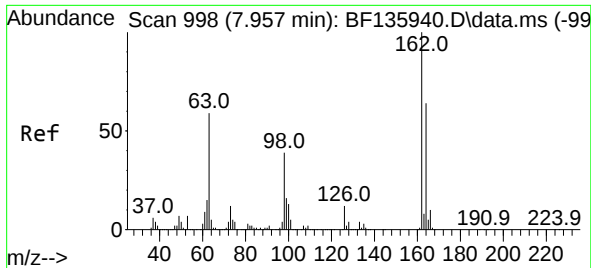
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.388 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion: 93 Resp: 610506
Ion Ratio Lower Upper
93 100
95 31.9 25.9 38.9
123 11.8 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.545 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

Tgt Ion:162 Resp: 44290

Ion Ratio Lower Upper

162 100

164 64.5 43.7 83.7

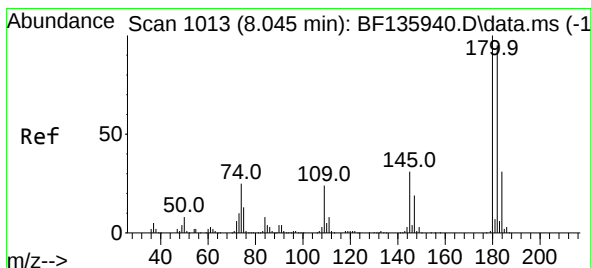
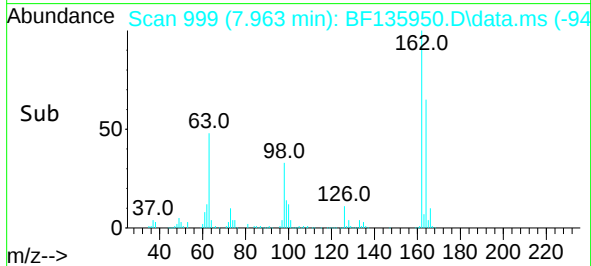
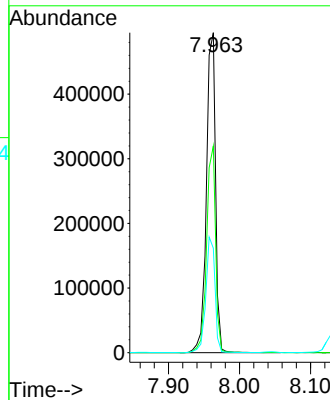
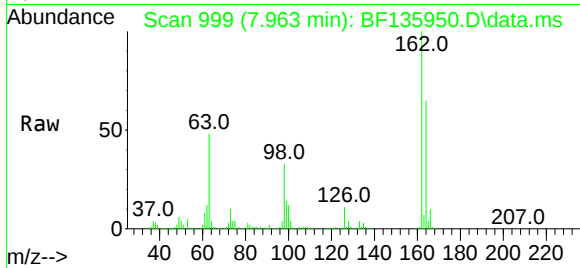
98 32.6 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.561 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

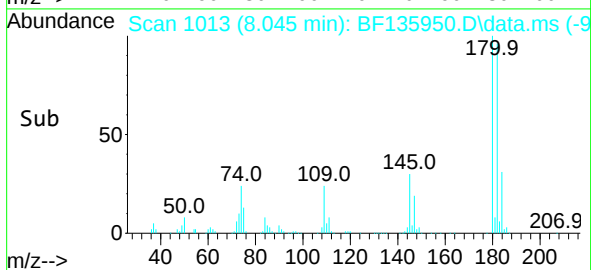
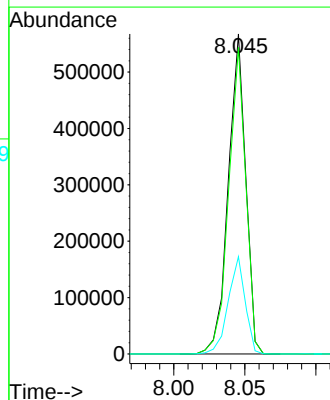
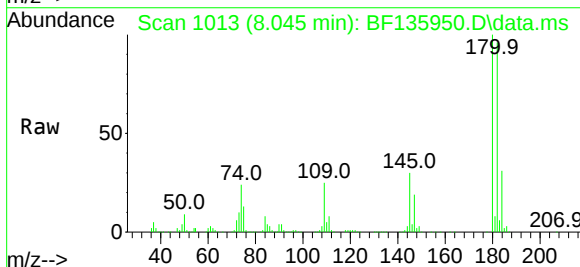
Tgt Ion:180 Resp: 481399

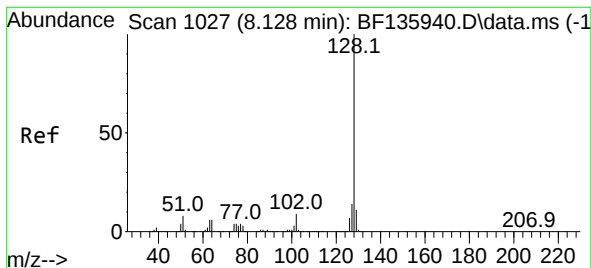
Ion Ratio Lower Upper

180 100

182 95.7 76.0 114.0

145 30.4 24.6 36.8





#31
Naphthalene
Concen: 44.863 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

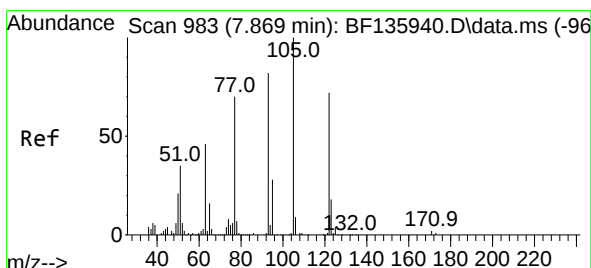
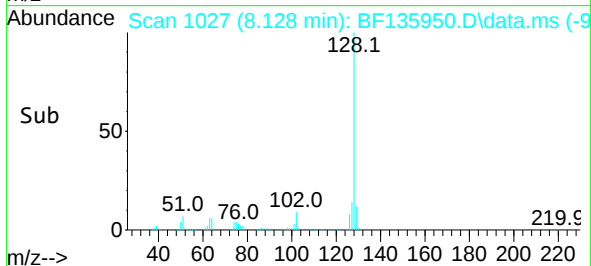
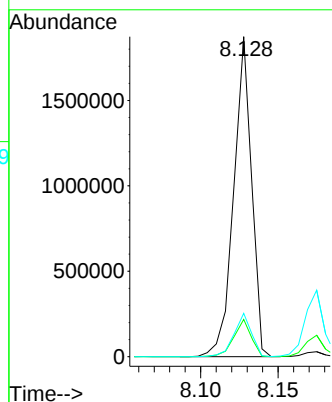
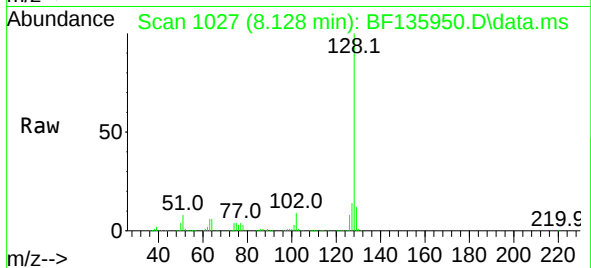
Tgt Ion:128 Resp: 1503064
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.6 10.9 16.3

Manual Integrations

APPROVED

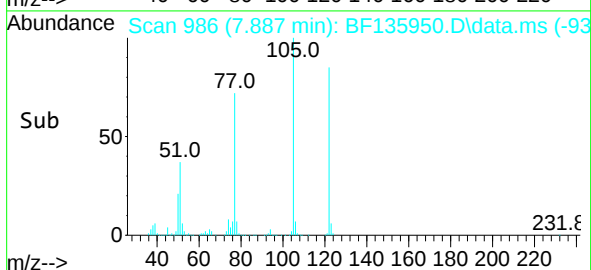
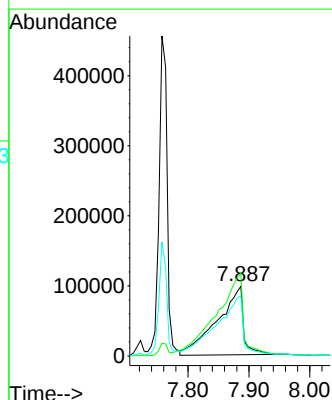
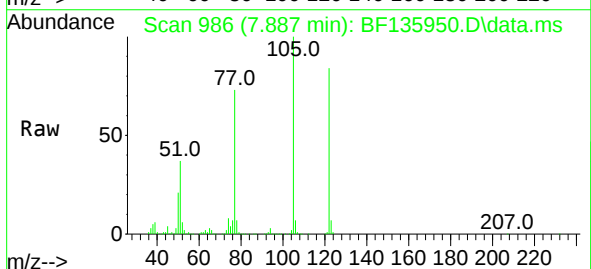
Reviewed By :Yogesh Patel 10/26/2023

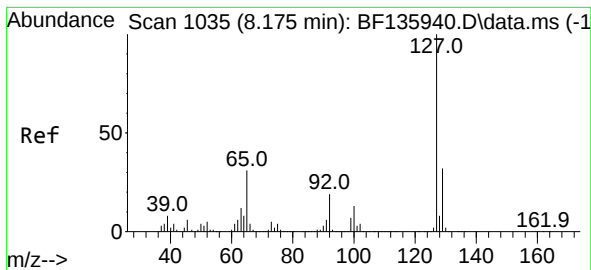
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 55.553 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion:122 Resp: 292113
Ion Ratio Lower Upper
122 100
105 118.5 113.1 153.1
77 86.4 75.2 115.2





#33
4-Chloroaniline
Concen: 22.152 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

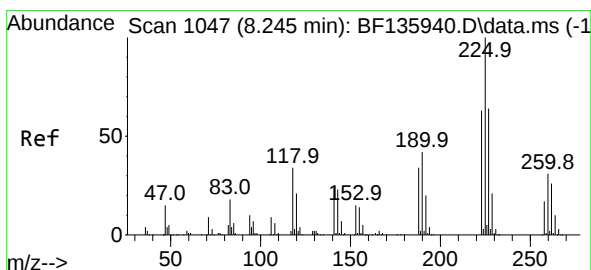
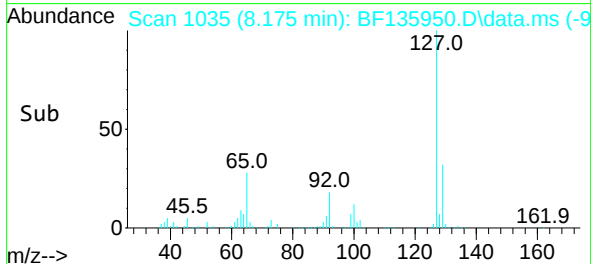
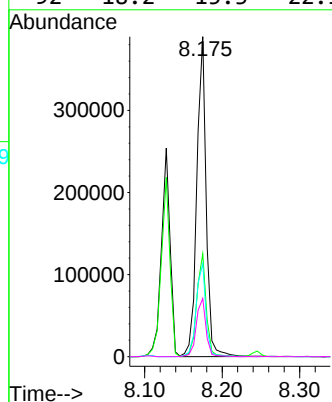
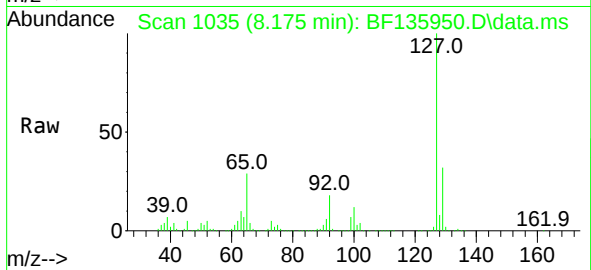
ClientSampleId :

PB156255BS

Tgt Ion:127 Resp: 328020
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 29.1 24.8 37.2
92 18.2 15.3 22.9

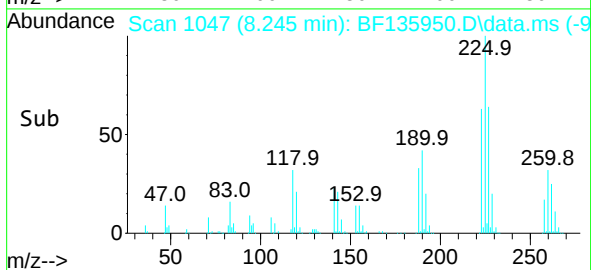
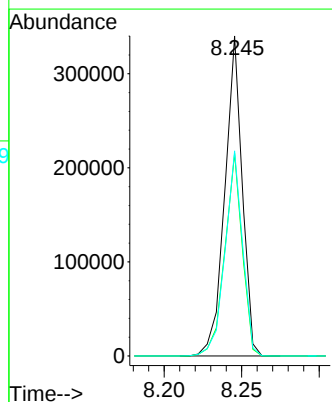
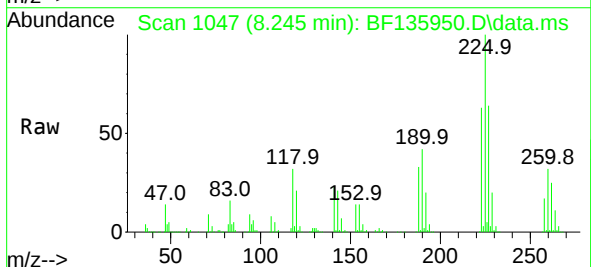
Manual Integrations
APPROVED

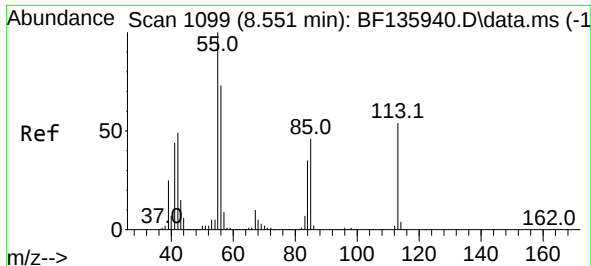
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#34
Hexachlorobutadiene
Concen: 46.584 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

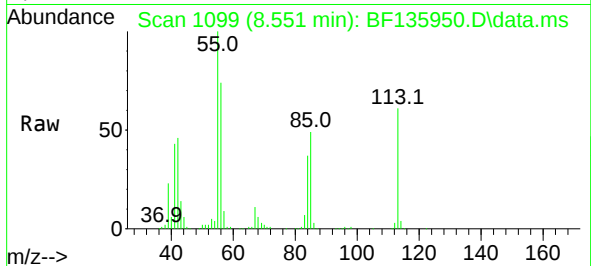
Tgt Ion:225 Resp: 265760
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 64.1 50.9 76.3





#35
Caprolactam
Concen: 52.486 ng m
RT: 8.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

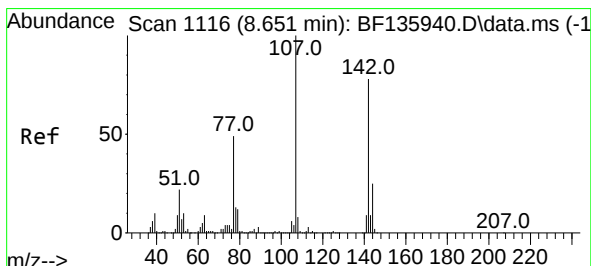
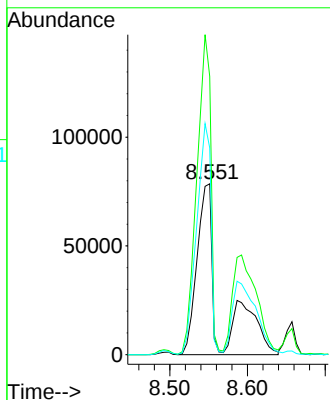
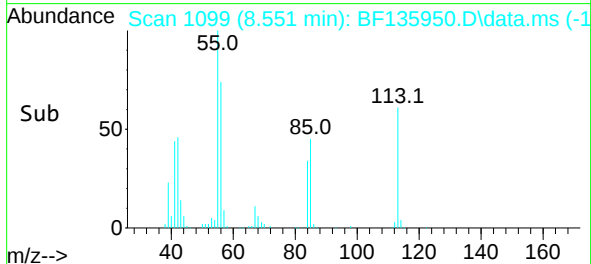
Instrument :
BNA_F
ClientSampleId :
PB156255BS



Tgt Ion:113 Resp: 15614
Ion Ratio Lower Upper
113 100
55 162.8 165.4 205.4
56 121.0 115.2 155.2

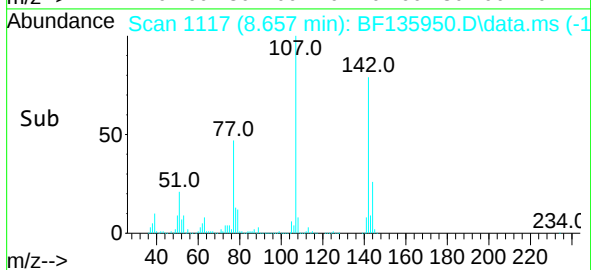
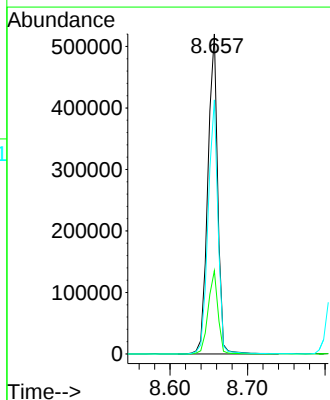
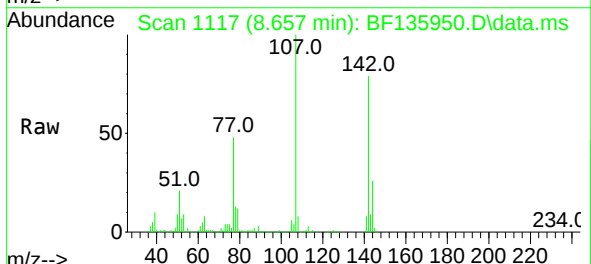
Manual Integrations
APPROVED

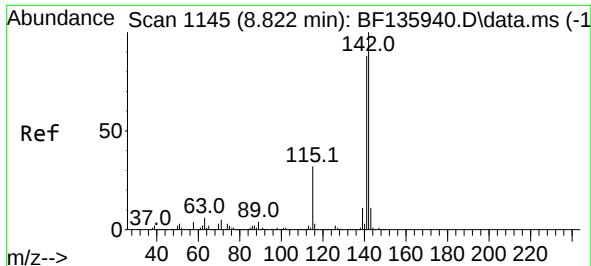
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#36
4-Chloro-3-methylphenol
Concen: 48.558 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion:107 Resp: 461307
Ion Ratio Lower Upper
107 100
144 26.0 19.9 29.9
142 79.4 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.017 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

Tgt Ion:142 Resp: 95356

Ion Ratio Lower Upper

142 100

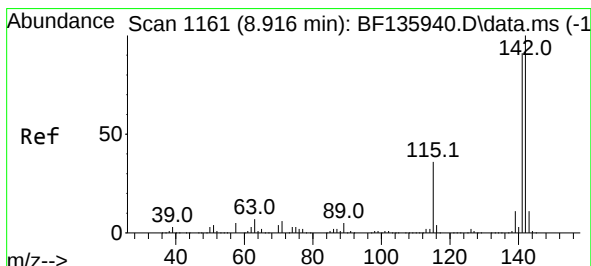
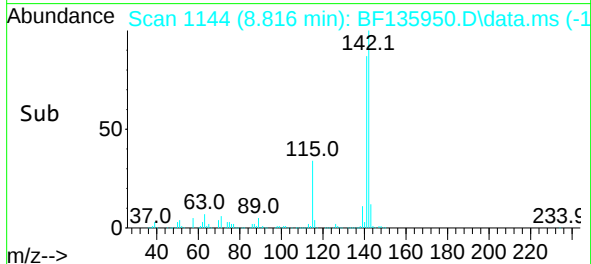
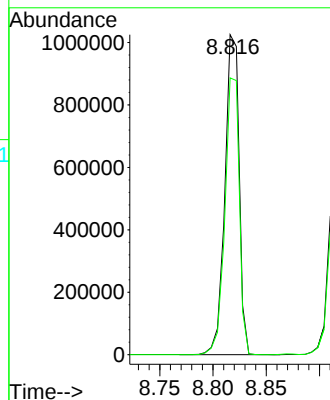
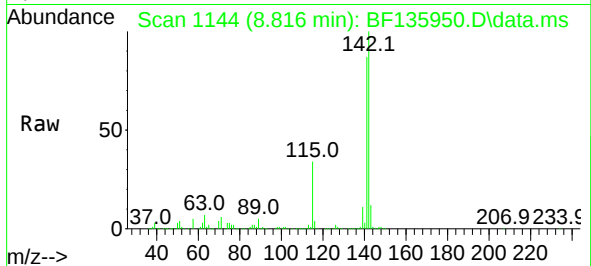
141 86.5 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#38

1-Methylnaphthalene

Concen: 44.898 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135950.D

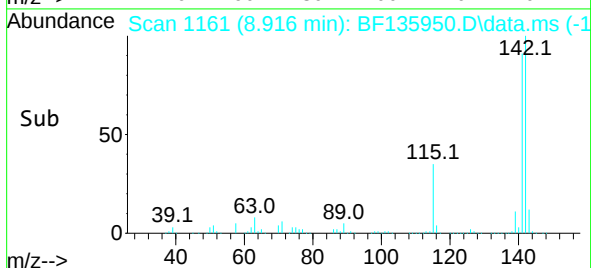
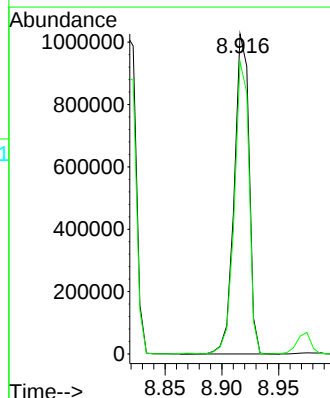
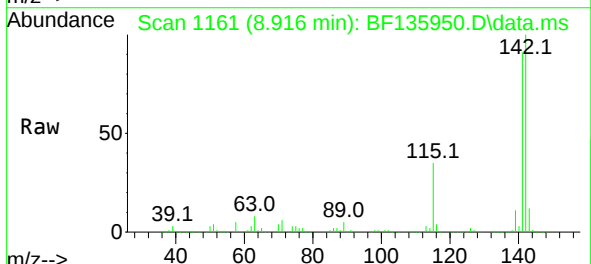
Acq: 25 Oct 2023 19:56

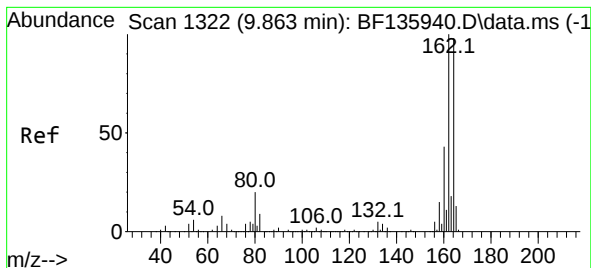
Tgt Ion:142 Resp: 929963

Ion Ratio Lower Upper

142 100

141 91.3 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: BF135950.D

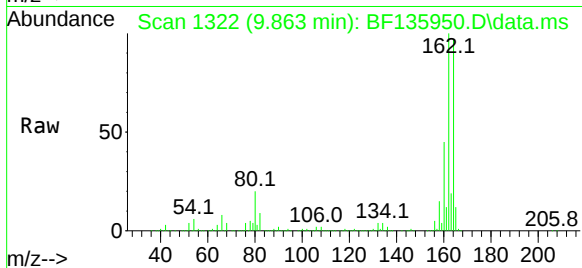
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS



Tgt Ion:164 Resp: 34122

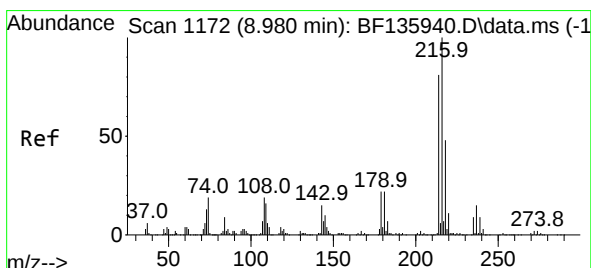
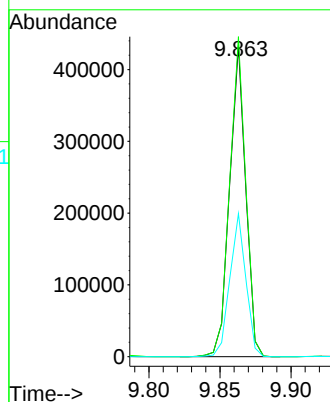
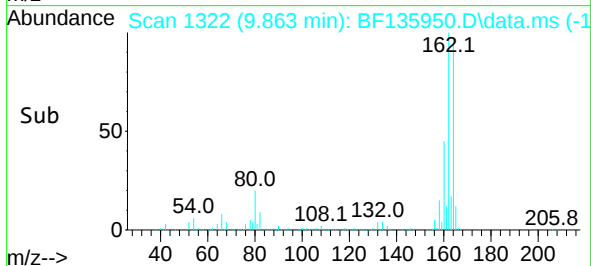
Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.0	123.0
160	46.0	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.719 ng

RT: 8.987 min Scan# 1173

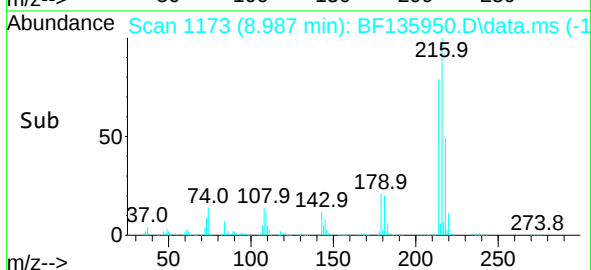
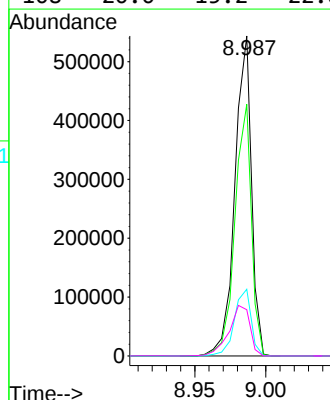
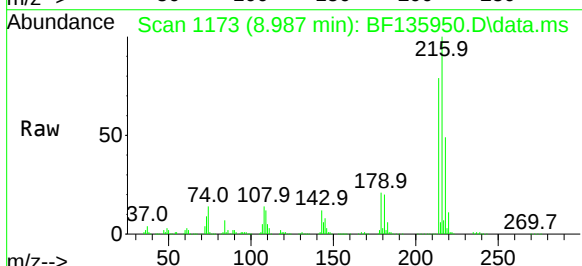
Delta R.T. 0.006 min

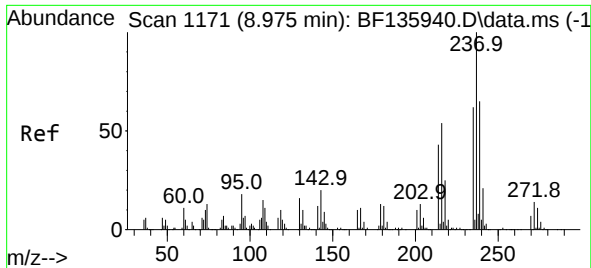
Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Tgt Ion:216 Resp: 440621

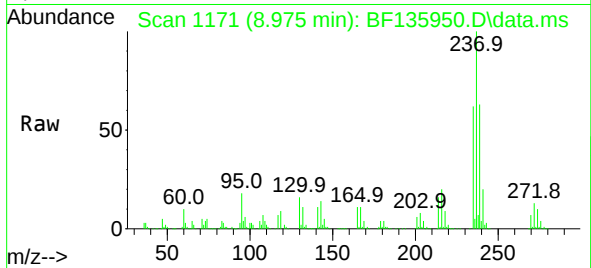
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.3	94.9
179	21.2	17.3	25.9
108	20.0	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 102.851 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

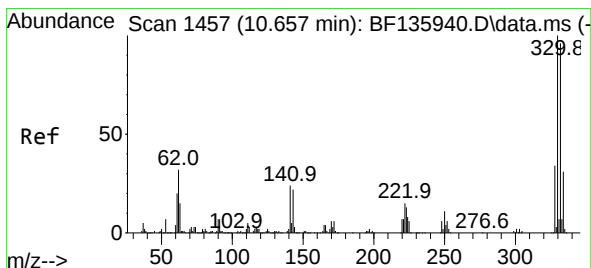
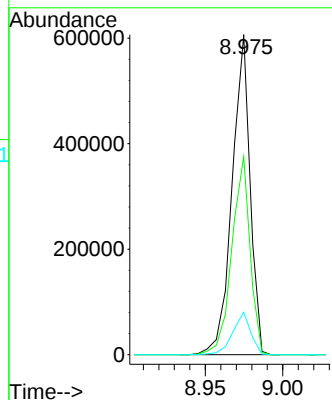
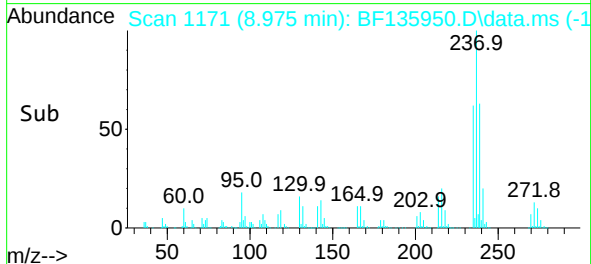
Instrument :
BNA_F
ClientSampleId :
PB156255BS



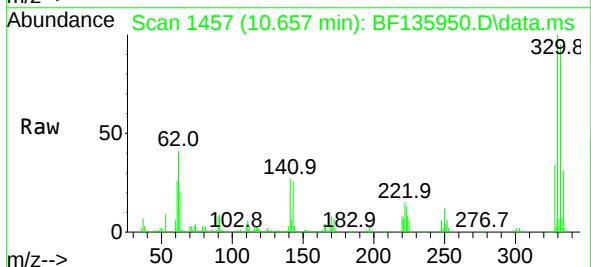
Tgt Ion:237 Resp: 488760
Ion Ratio Lower Upper
237 100
235 62.0 41.7 81.7
272 13.3 0.0 33.6

Manual Integrations
APPROVED

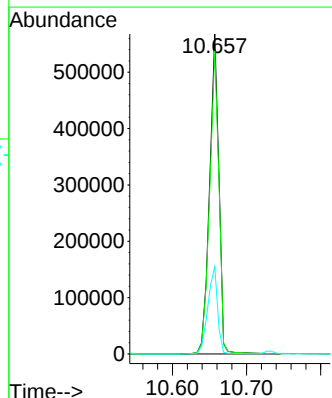
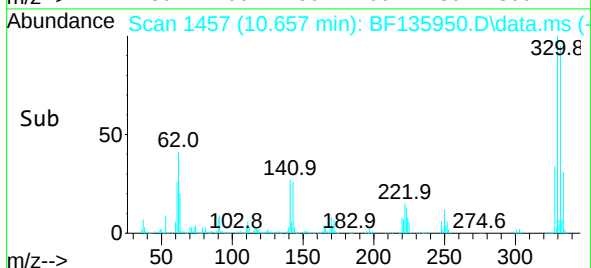
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

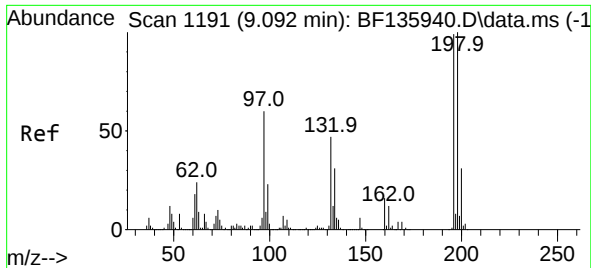


#42
2,4,6-Tribromophenol
Concen: 166.956 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



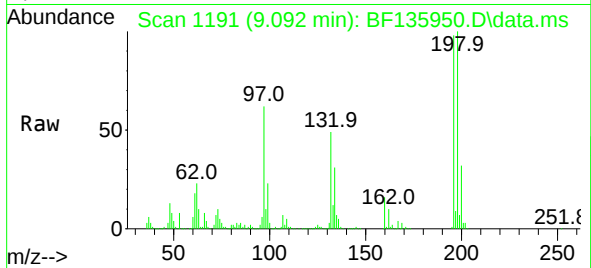
Tgt Ion:330 Resp: 498655
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.2
141 28.6 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 51.747 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

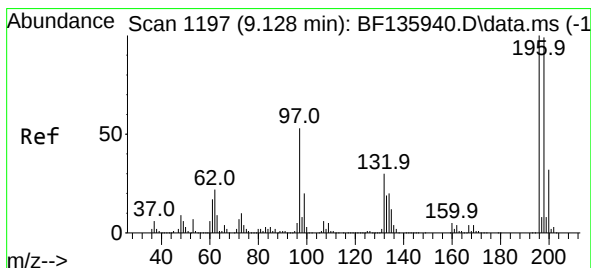
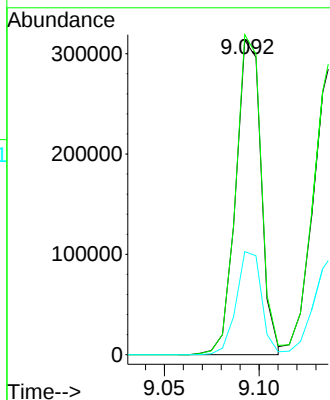
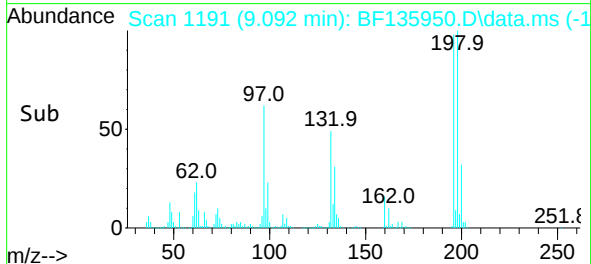
Instrument :
BNA_F
ClientSampleId :
PB156255BS



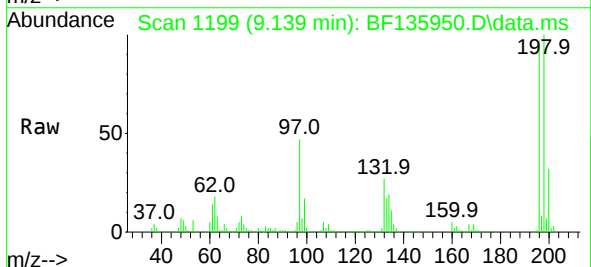
Tgt Ion:196 Resp: 291892
Ion Ratio Lower Upper
196 100
198 101.8 81.0 121.4
200 32.7 25.4 38.0

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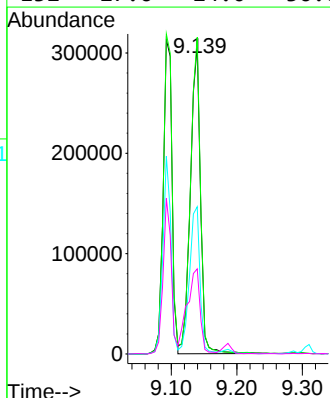
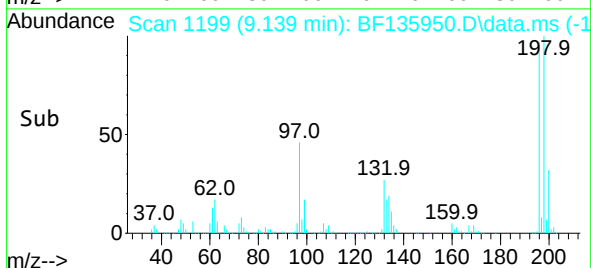
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

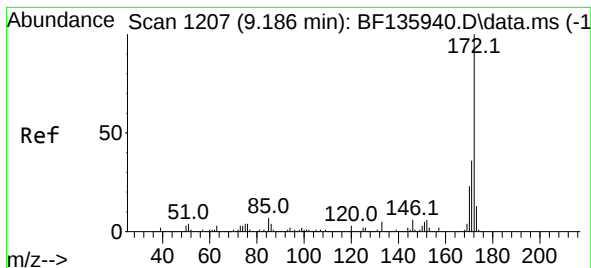


#44
2,4,5-Trichlorophenol
Concen: 49.244 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:196 Resp: 329803
Ion Ratio Lower Upper
196 100
198 102.7 79.1 118.7
97 47.8 42.3 63.5
132 27.6 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 87.672 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

Tgt Ion:172 Resp: 186828

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

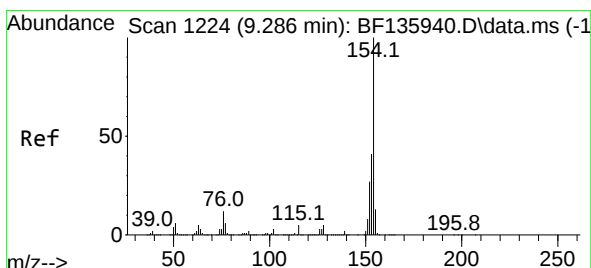
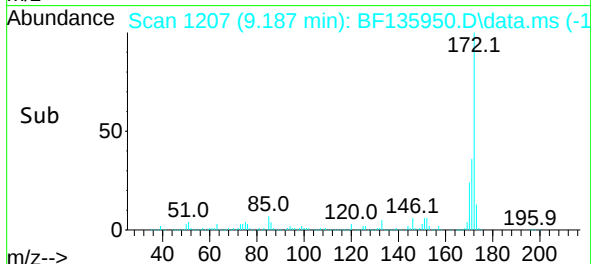
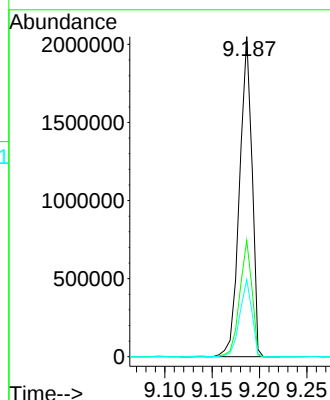
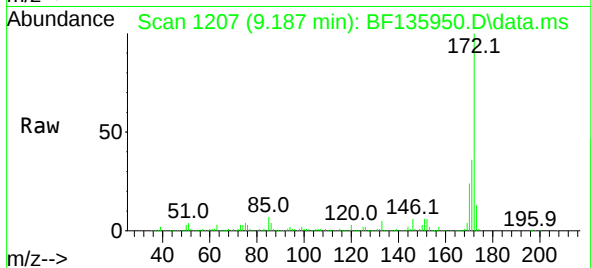
170 24.1 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#46

1,1'-Biphenyl

Concen: 46.073 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

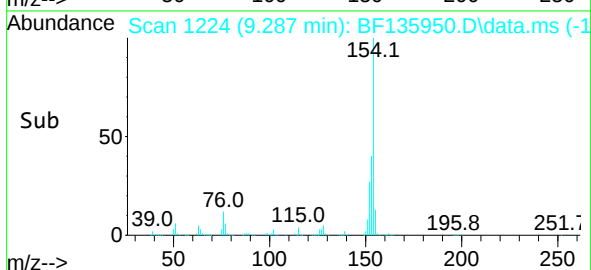
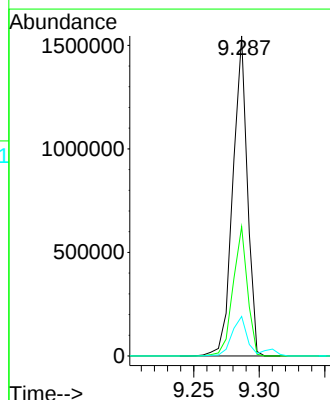
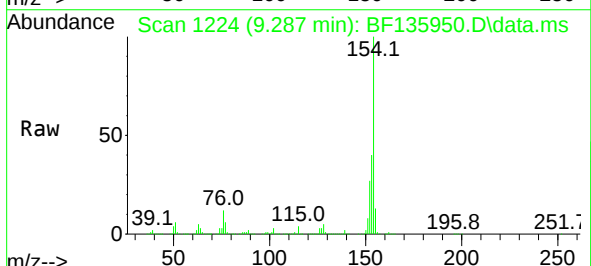
Tgt Ion:154 Resp: 1191259

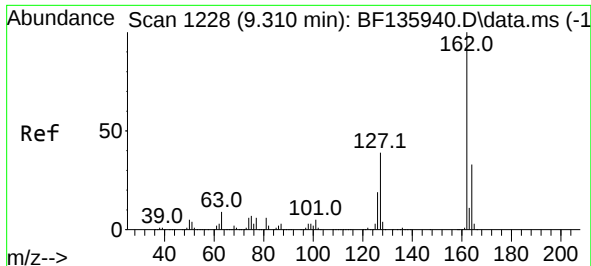
Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

76 12.4 0.0 32.4





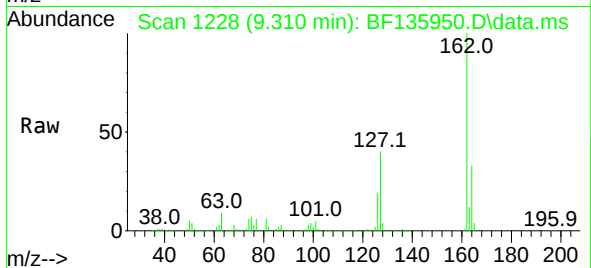
#47
2-Chloronaphthalene
Concen: 48.127 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

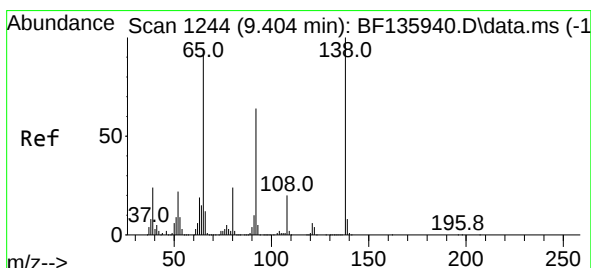
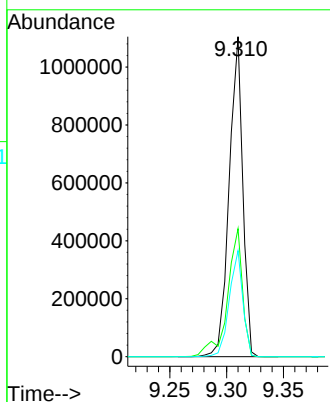
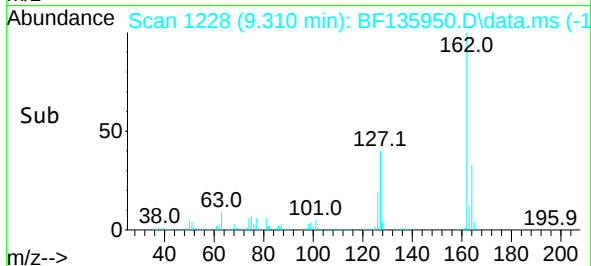


Tgt Ion:162 Resp: 920410
Ion Ratio Lower Upper
162 100
127 40.0 31.0 46.4
164 33.1 26.6 39.8

Manual Integrations

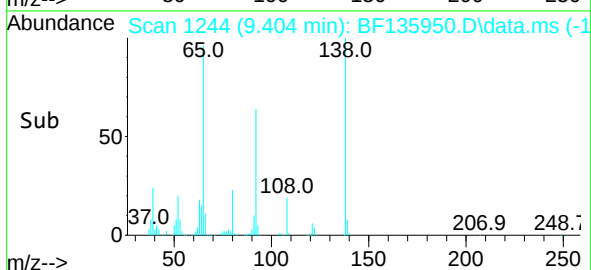
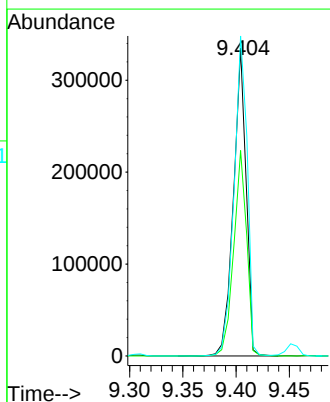
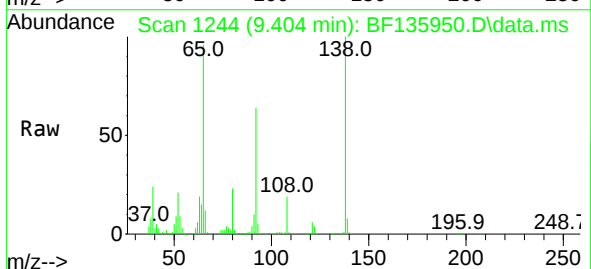
APPROVED

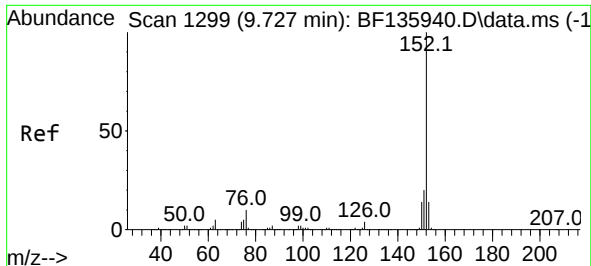
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#48
2-Nitroaniline
Concen: 52.349 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion: 65 Resp: 279232
Ion Ratio Lower Upper
65 100
92 66.8 54.9 82.3
138 104.0 85.2 127.8





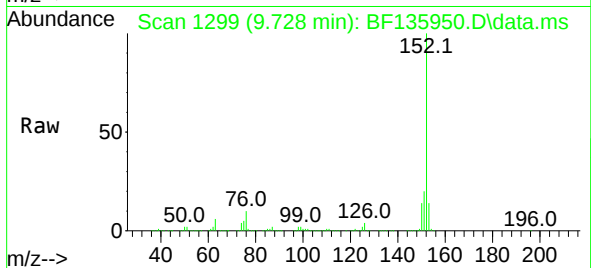
#49
Acenaphthylene
Concen: 48.280 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

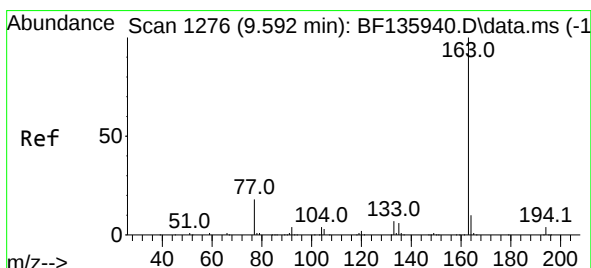
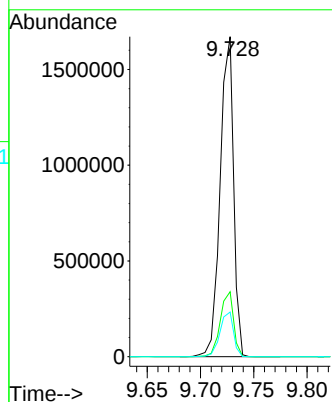
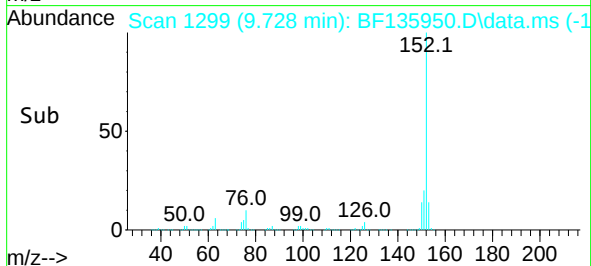


Tgt Ion:152 Resp: 1456650
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.0 11.0 16.6

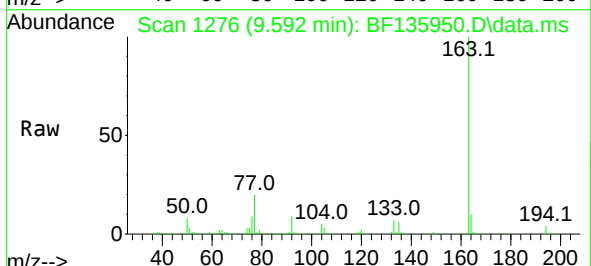
Manual Integrations

APPROVED

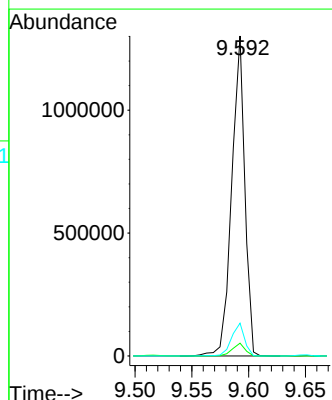
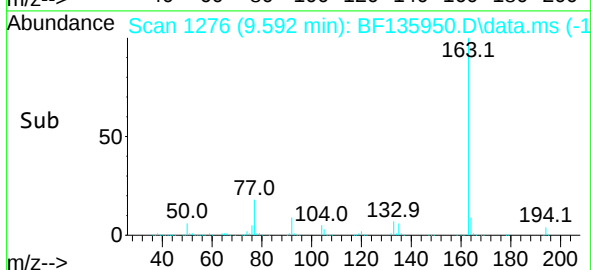
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

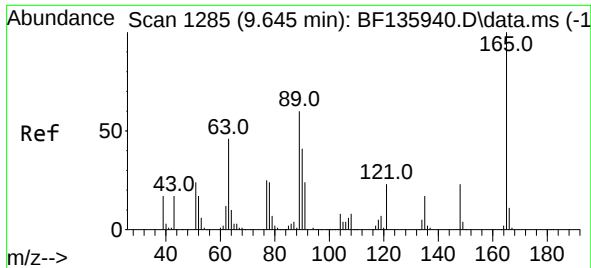


#50
Dimethylphthalate
Concen: 47.090 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:163 Resp: 1042035
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.311 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

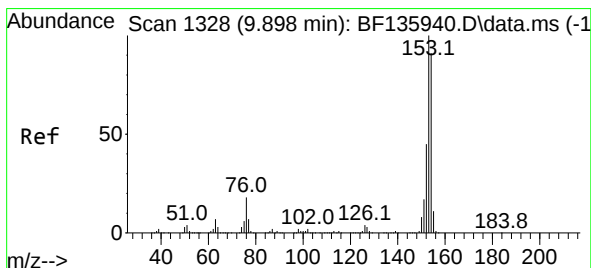
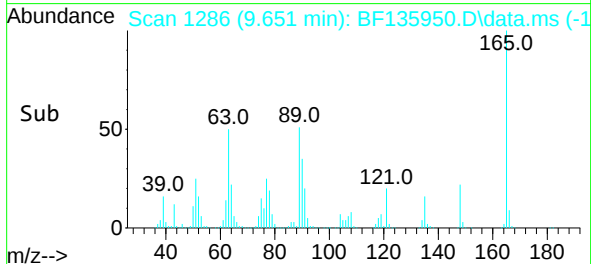
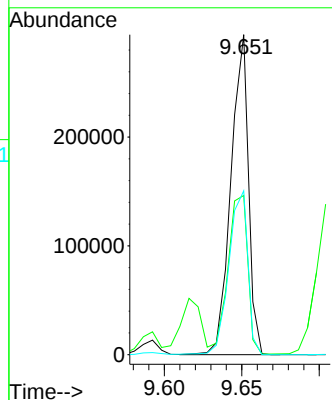
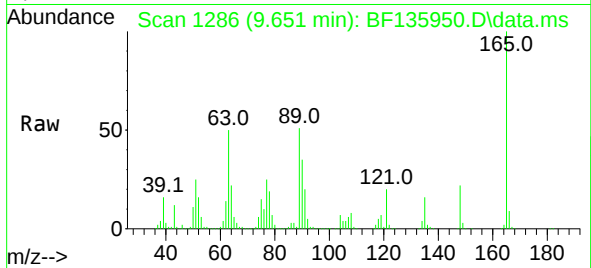
PB156255BS

Tgt Ion:165 Resp: 232000
Ion Ratio Lower Upper
165 100
63 49.7 51.7 77.5
89 51.2 48.3 72.5

Manual Integrations

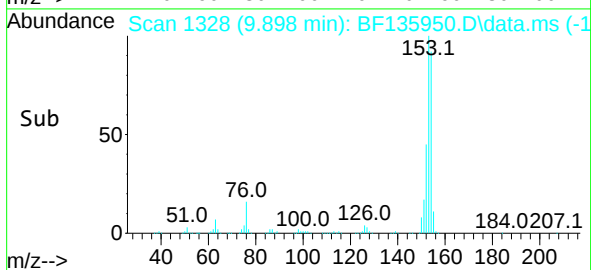
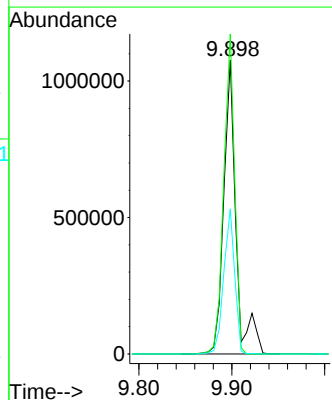
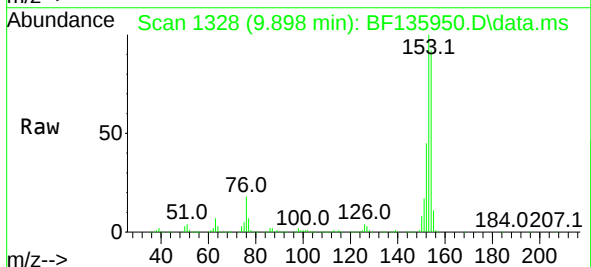
APPROVED

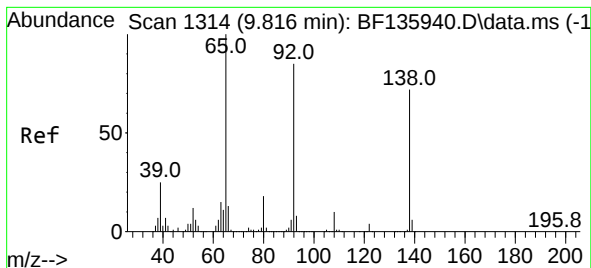
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#52
Acenaphthene
Concen: 50.897 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion:154 Resp: 984135
Ion Ratio Lower Upper
154 100
153 109.0 88.0 132.0
152 49.5 39.4 59.2





#53

3-Nitroaniline

Concen: 37.264 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

Tgt Ion:138 Resp: 19836

Ion Ratio Lower Upper

138 100

108 11.4 11.3 16.9

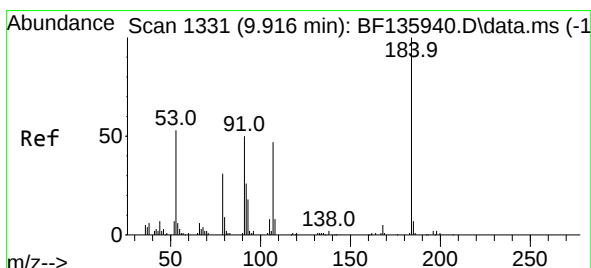
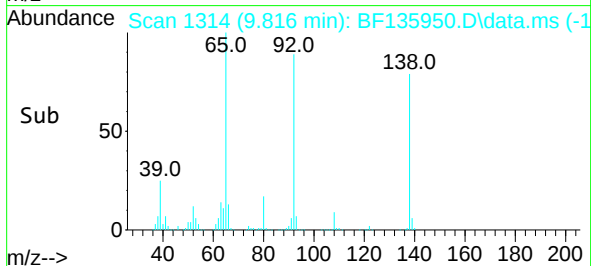
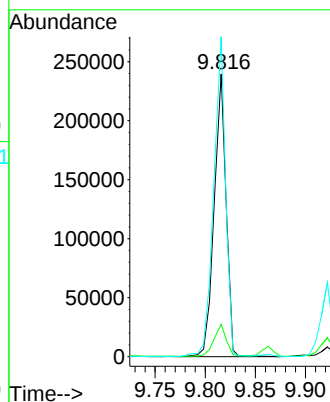
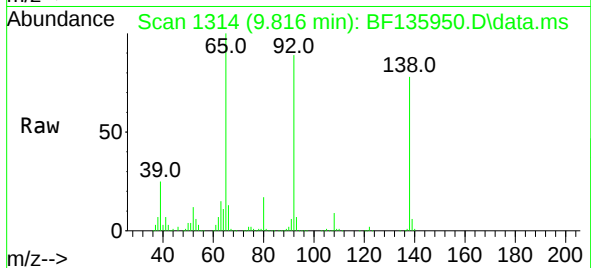
92 113.2 95.0 142.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#54

2,4-Dinitrophenol

Concen: 94.567 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

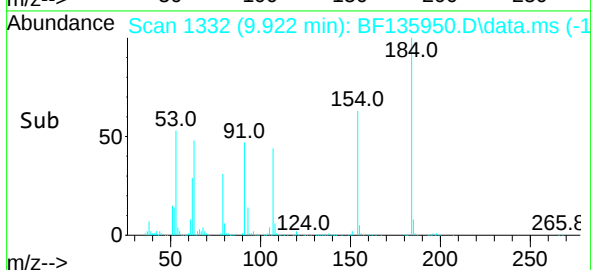
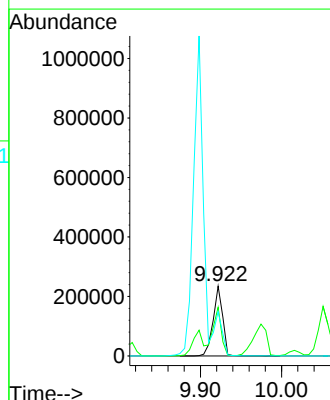
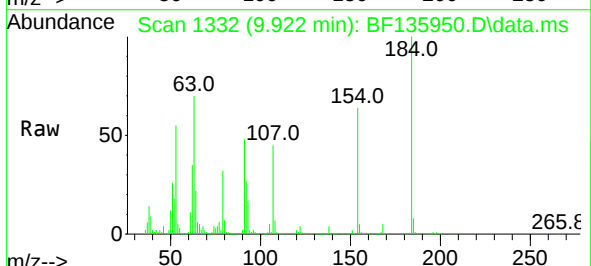
Tgt Ion:184 Resp: 191237

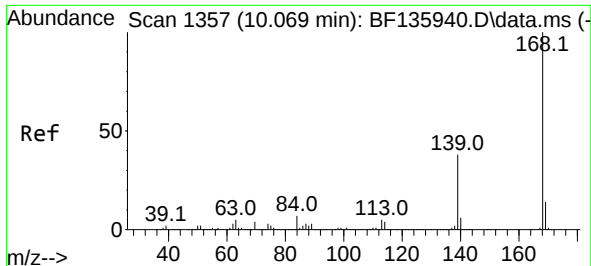
Ion Ratio Lower Upper

184 100

63 69.7 56.3 84.5

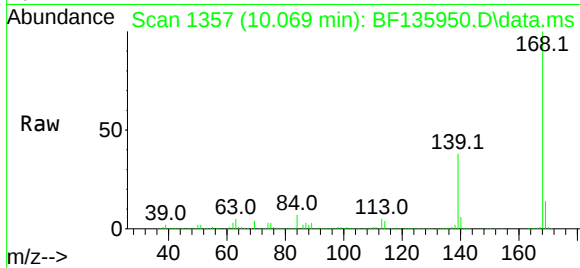
154 63.6 48.1 72.1





#55
Dibenzofuran
Concen: 46.697 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

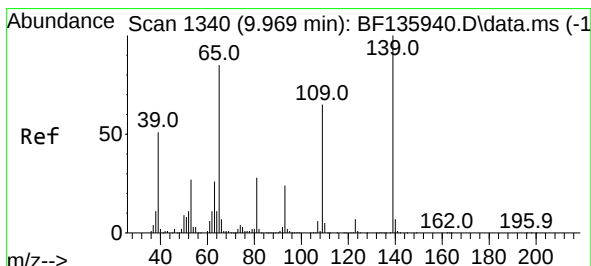
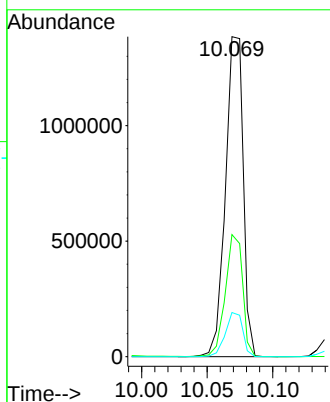
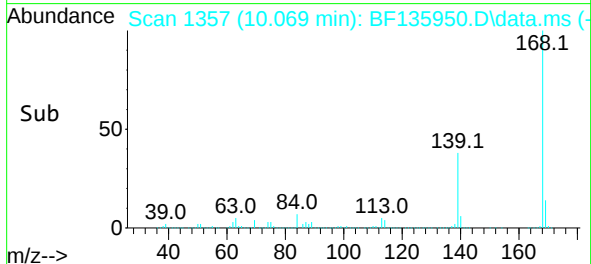
Instrument :
BNA_F
ClientSampleId :
PB156255BS



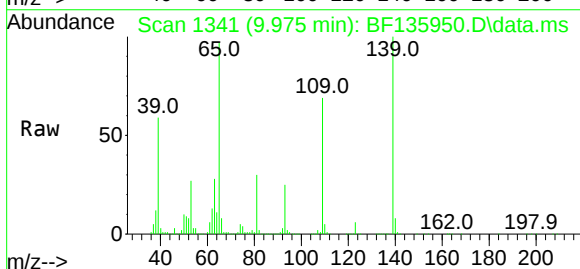
Tgt Ion:168 Resp: 130441
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.8 11.1 16.7

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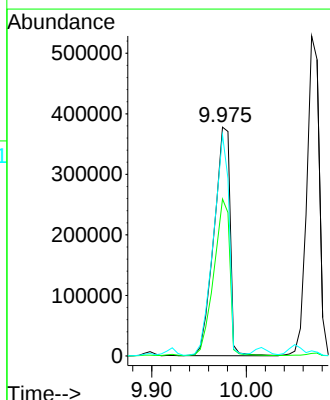
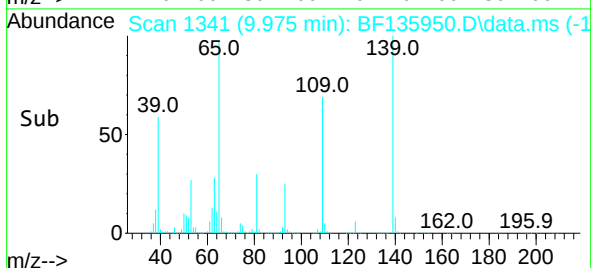
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

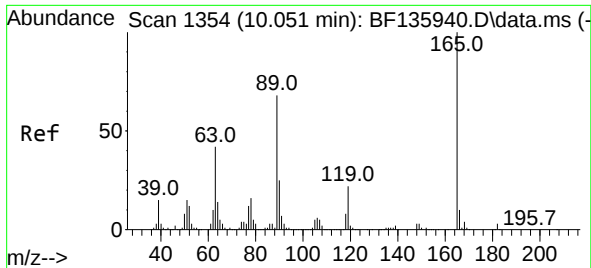


#56
4-Nitrophenol
Concen: 99.085 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:139 Resp: 449454
Ion Ratio Lower Upper
139 100
109 68.6 45.2 85.2
65 96.7 65.1 105.1





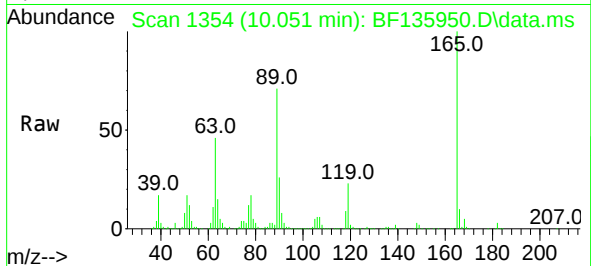
#57
2,4-Dinitrotoluene
Concen: 54.304 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

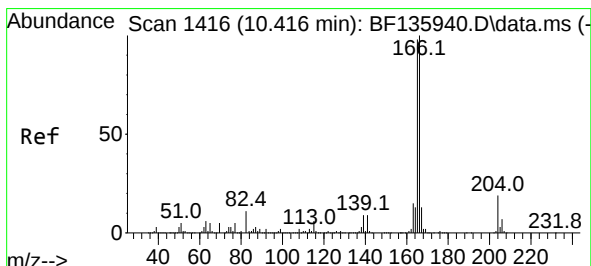
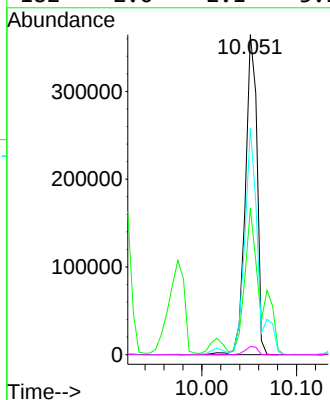
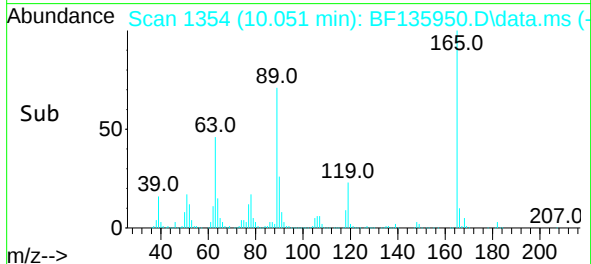


Tgt Ion:165 Resp: 31331
Ion Ratio Lower Upper
165 100
63 45.8 33.7 50.5
89 70.8 54.6 81.8
182 2.6 2.1 3.1

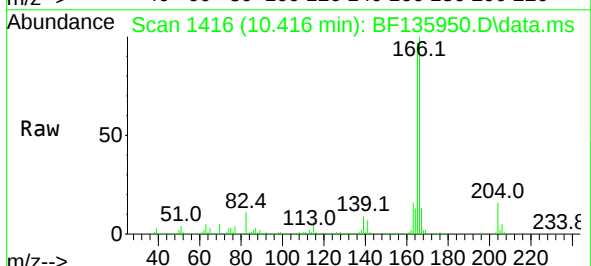
Manual Integrations

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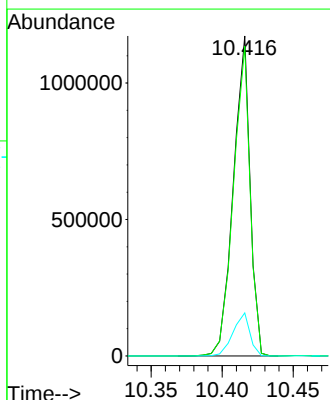
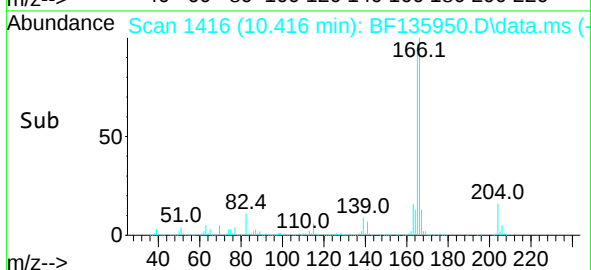
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

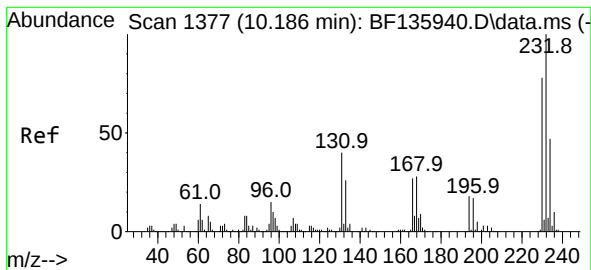


#58
Fluorene
Concen: 45.987 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:166 Resp: 961055
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.881 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

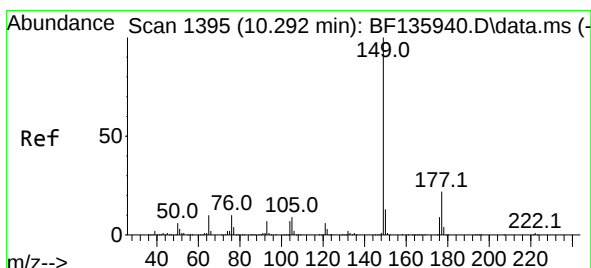
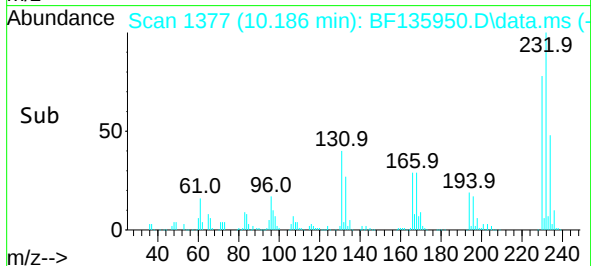
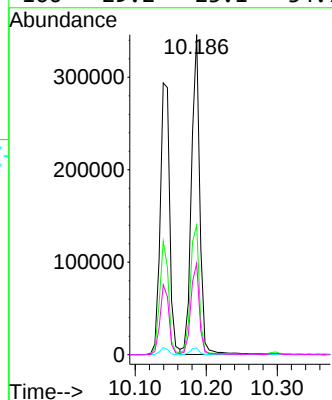
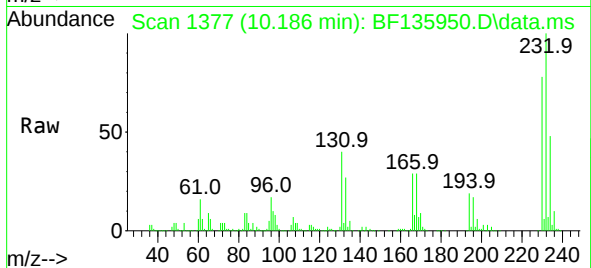
PB156255BS

Tgt Ion:232 Resp: 281620
Ion Ratio Lower Upper
232 100
131 43.1 35.2 52.8
130 2.2 1.7 2.5
166 29.2 23.1 34.7

Manual Integrations

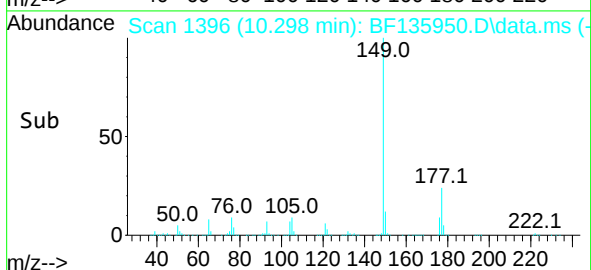
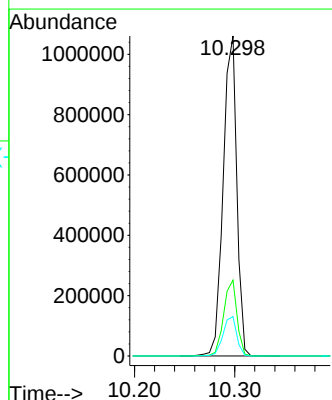
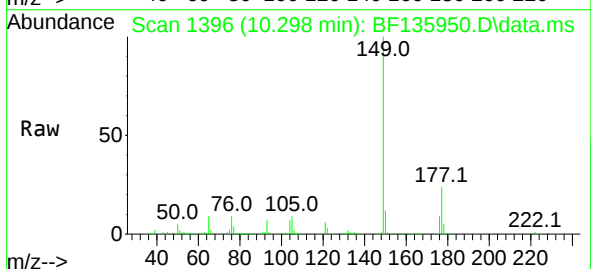
APPROVED

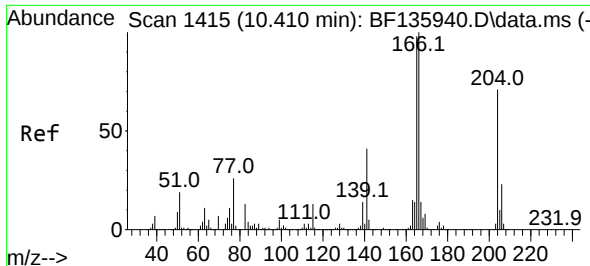
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#60
Diethylphthalate
Concen: 47.175 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

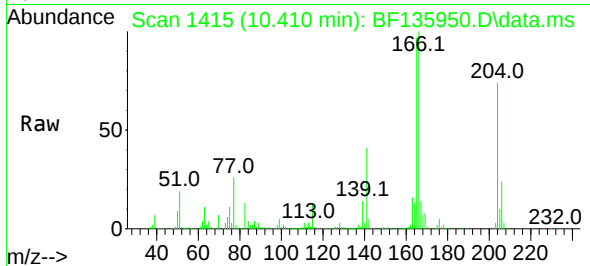
Tgt Ion:149 Resp: 995468
Ion Ratio Lower Upper
149 100
177 23.7 17.9 26.9
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.366 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

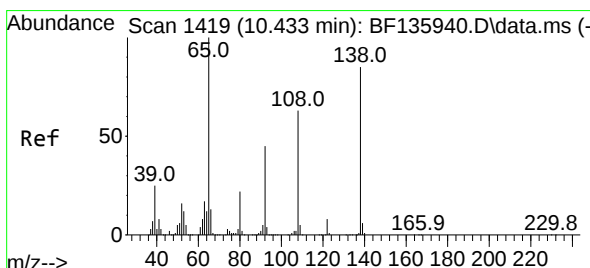
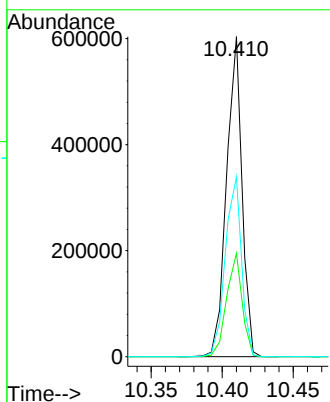
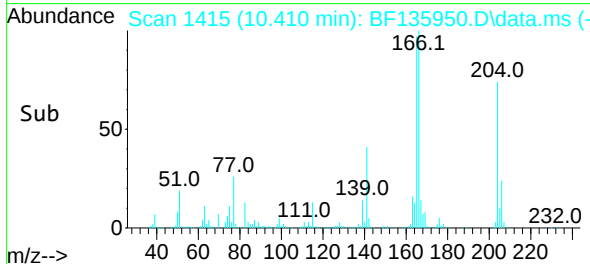
Instrument :
BNA_F
ClientSampleId :
PB156255BS



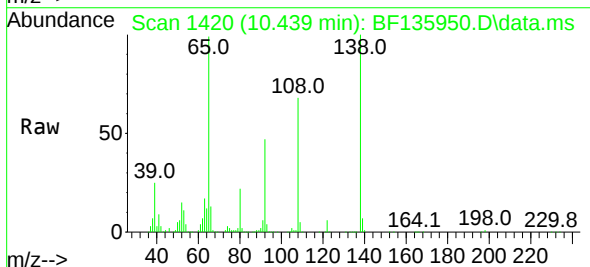
Tgt Ion:204 Resp: 45733
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 56.2 46.2 69.2

Manual Integrations
APPROVED

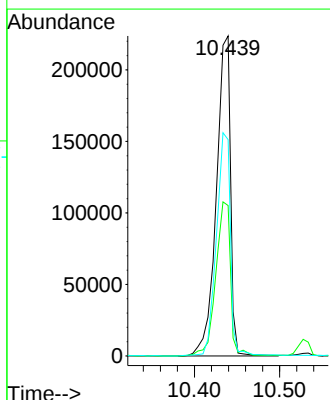
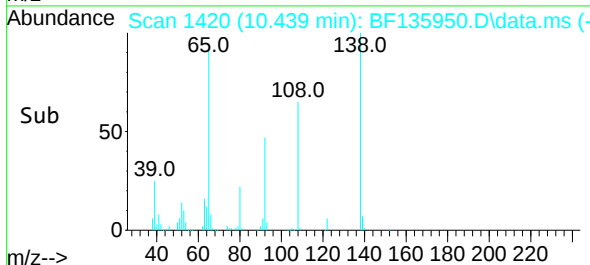
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

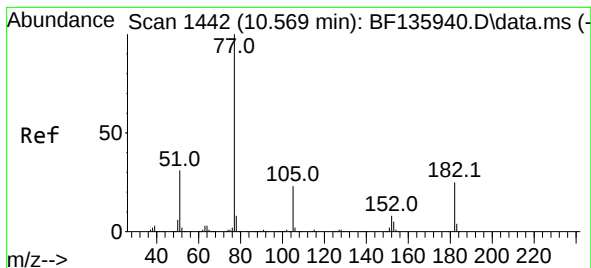


#62
4-Nitroaniline
Concen: 47.586 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:138 Resp: 258407
Ion Ratio Lower Upper
138 100
92 47.0 32.9 72.9
108 67.6 53.5 93.5





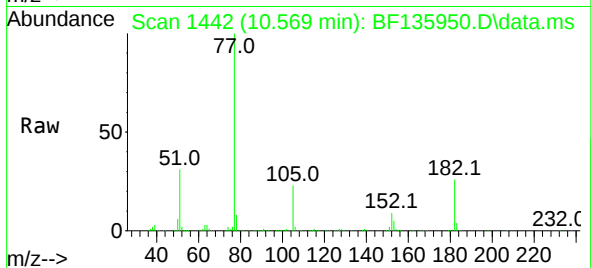
#63
Azobenzene
Concen: 45.806 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

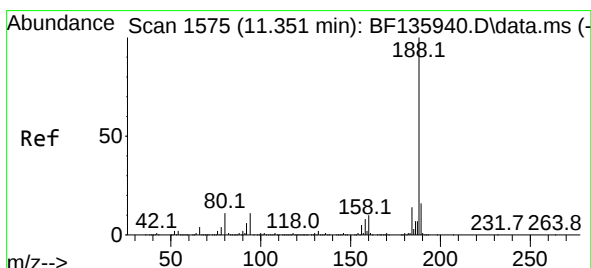
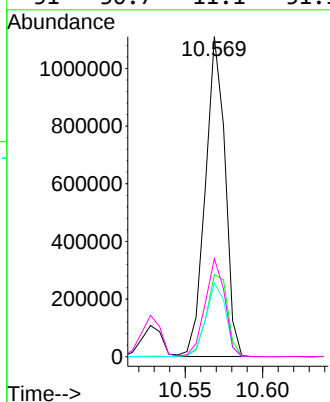
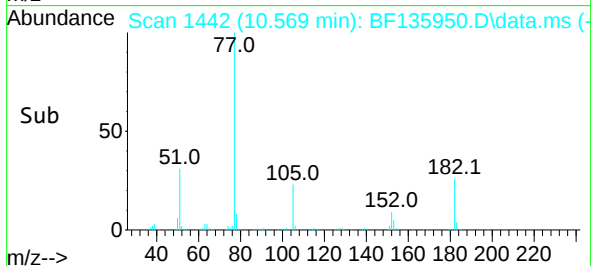


Tgt Ion: 77 Resp: 980890
Ion Ratio Lower Upper
77 100
182 25.6 5.1 45.1
105 23.0 2.8 42.8
51 30.7 11.1 51.1

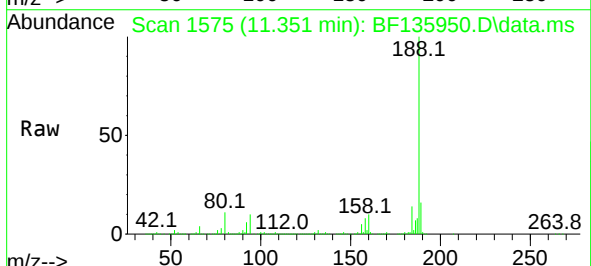
Manual Integrations

APPROVED

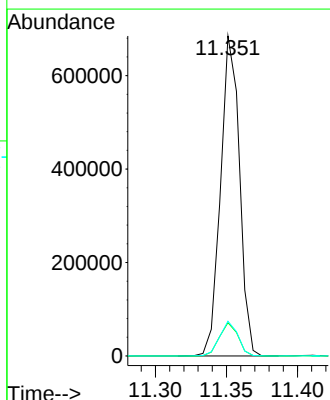
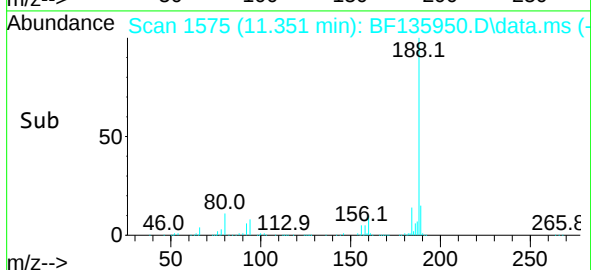
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

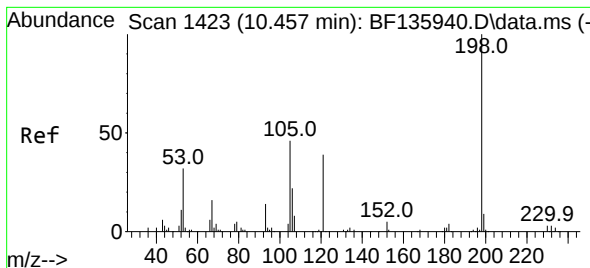


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



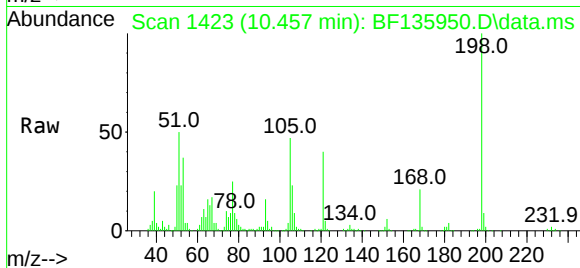
Tgt Ion:188 Resp: 633449
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 10.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 57.282 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

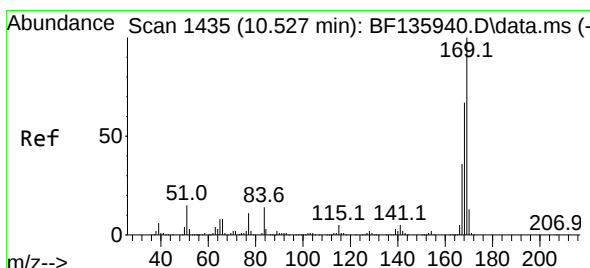
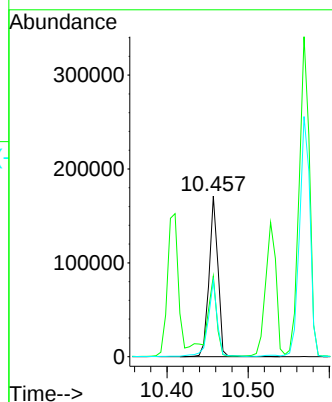
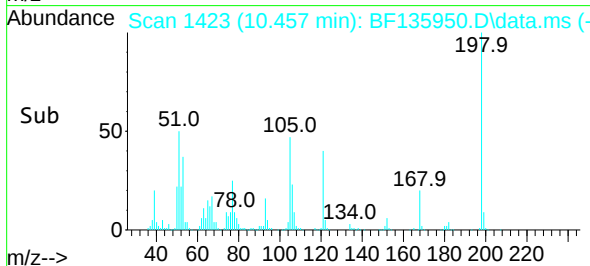
Instrument :
BNA_F
ClientSampleId :
PB156255BS



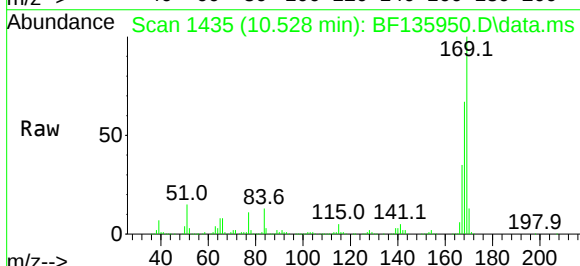
Tgt Ion:198 Resp: 129309
Ion Ratio Lower Upper
198 100
51 50.1 28.7 68.7
105 47.4 27.2 67.2

Manual Integrations
APPROVED

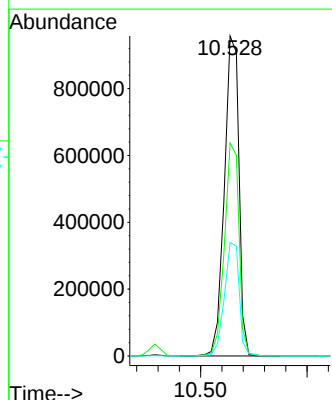
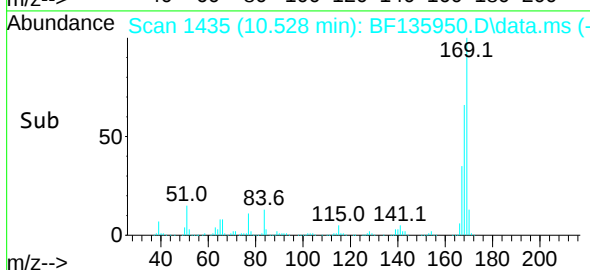
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

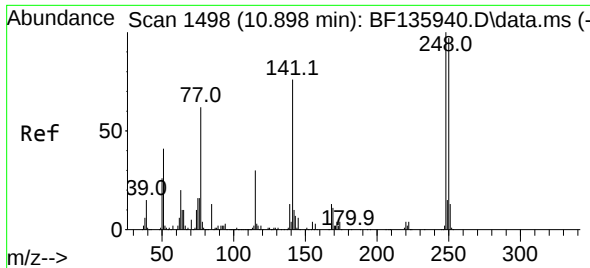


#66
n-Nitrosodiphenylamine
Concen: 47.330 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:169 Resp: 905738
Ion Ratio Lower Upper
169 100
168 66.5 53.5 80.3
167 35.5 29.0 43.4





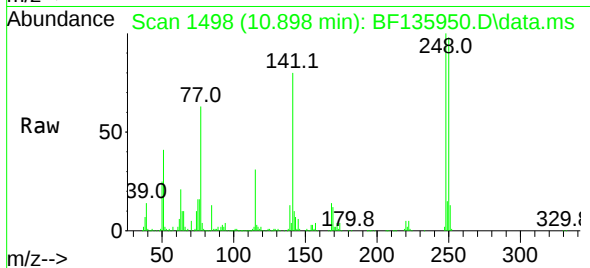
#67
4-Bromophenyl-phenylether
Concen: 46.616 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

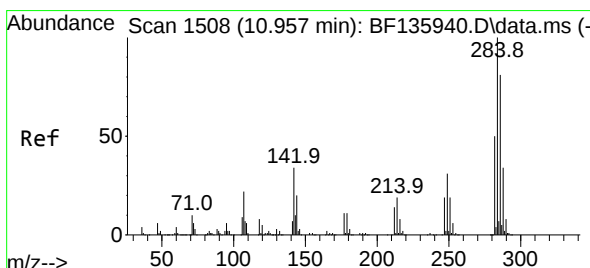
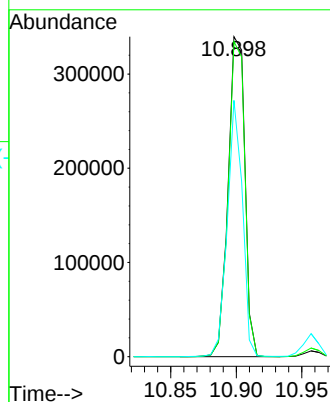
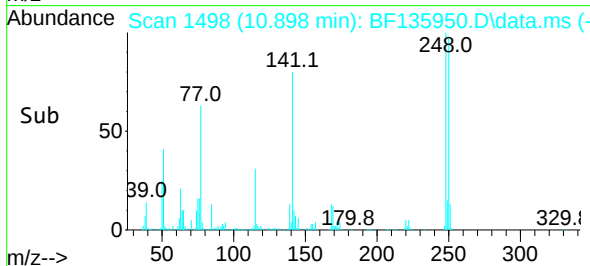


Tgt Ion:248 Resp: 302408
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 80.1 60.8 91.2

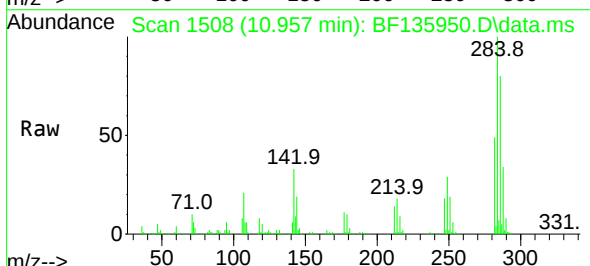
Manual Integrations

APPROVED

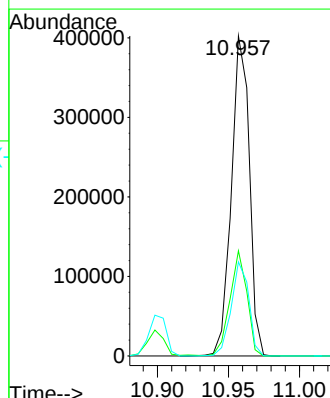
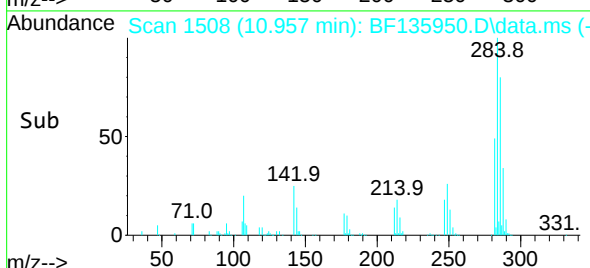
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

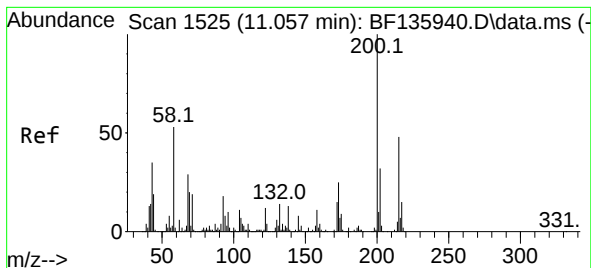


#68
Hexachlorobenzene
Concen: 51.085 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:284 Resp: 354017
Ion Ratio Lower Upper
284 100
142 32.8 27.6 41.4
249 29.4 24.7 37.1





#69

Atrazine

Concen: 57.533 ng

RT: 11.063 min Scan# 11063

Delta R.T. 0.006 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

Tgt Ion:200 Resp: 300130

Ion Ratio Lower Upper

200 100

173 25.7 5.5 45.5

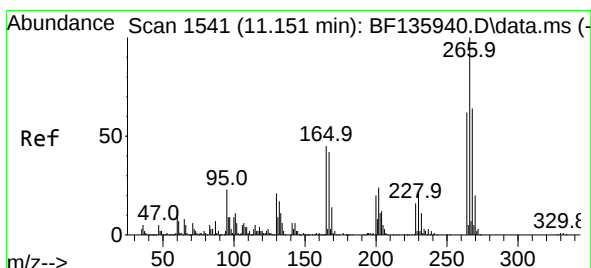
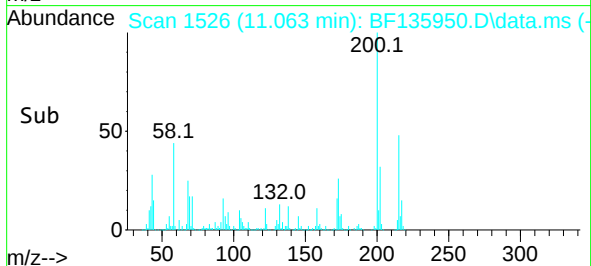
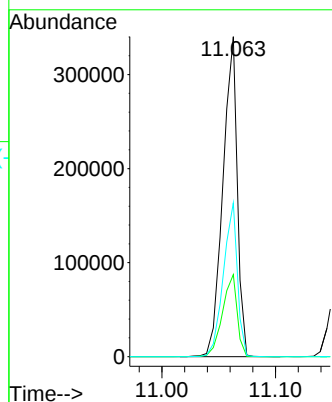
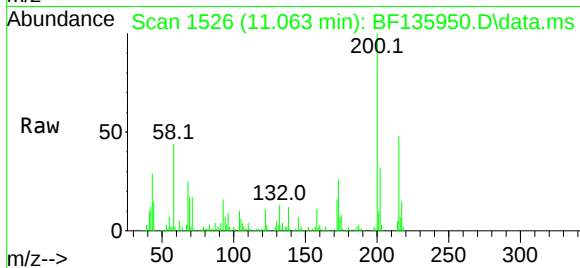
215 48.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#70

Pentachlorophenol

Concen: 92.884 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

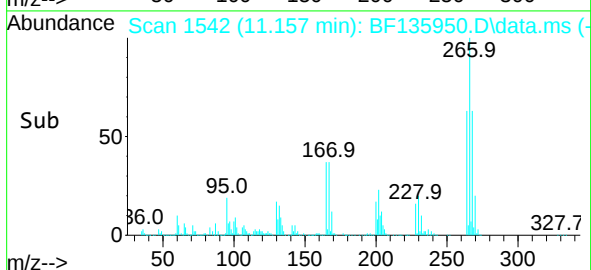
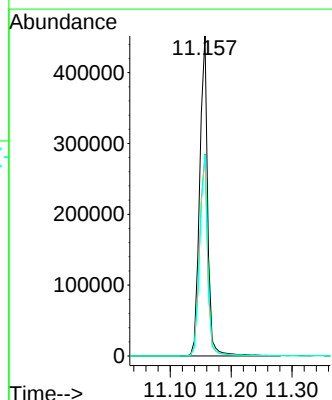
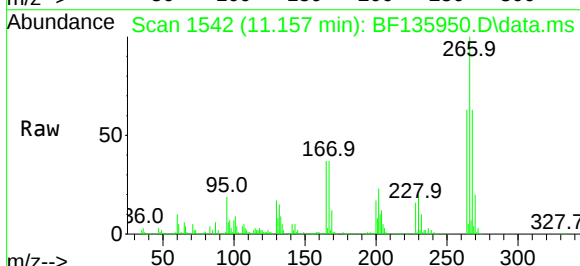
Tgt Ion:266 Resp: 411264

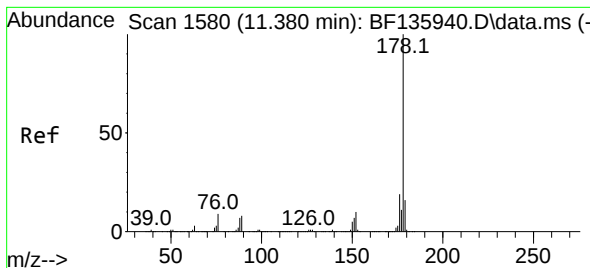
Ion Ratio Lower Upper

266 100

268 63.1 50.8 76.2

264 62.9 49.8 74.6





#71

Phenanthrene

Concen: 47.970 ng

RT: 11.381 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

Tgt Ion:178 Resp: 153732

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

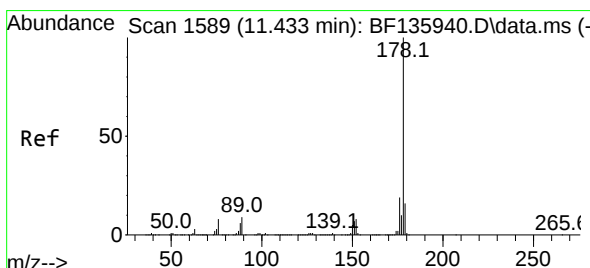
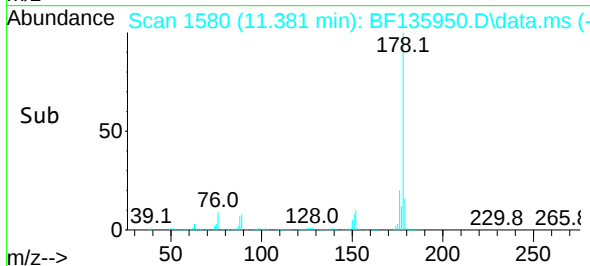
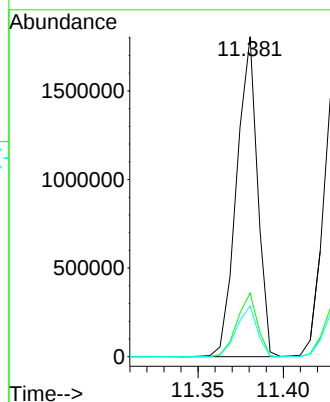
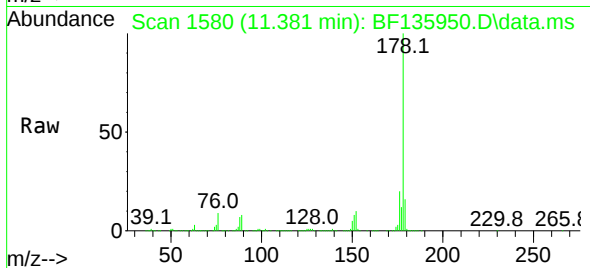
179 15.8 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#72

Anthracene

Concen: 47.097 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

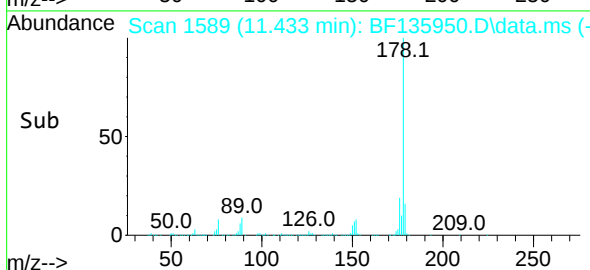
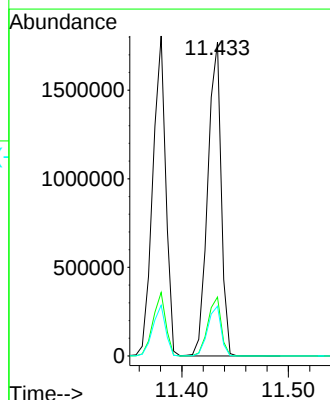
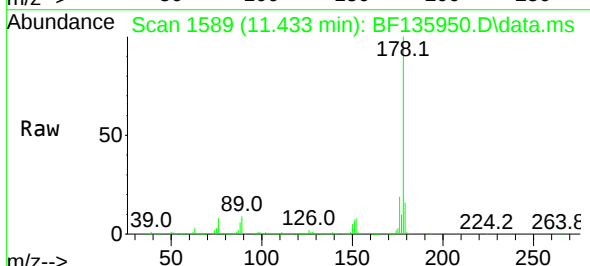
Tgt Ion:178 Resp: 1545470

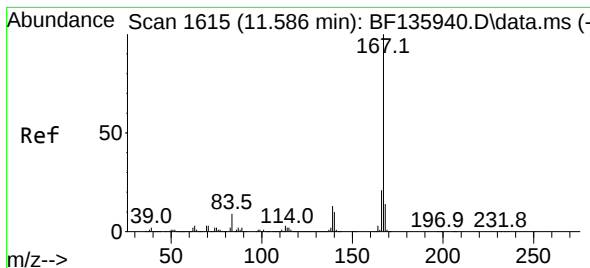
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 48.408 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135950.D
 Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

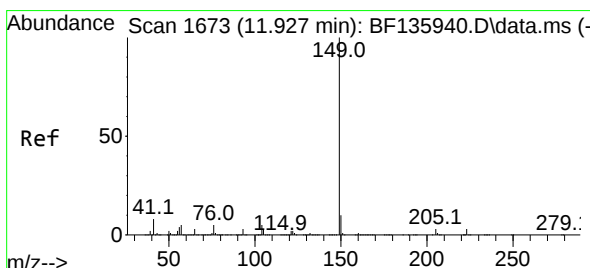
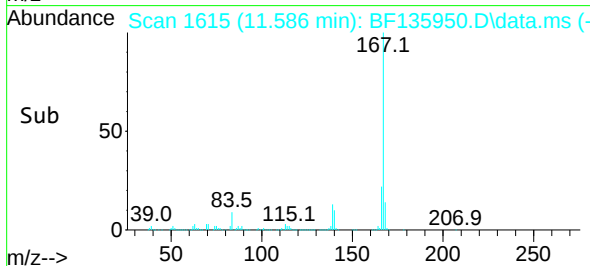
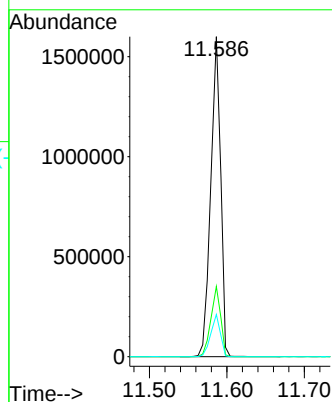
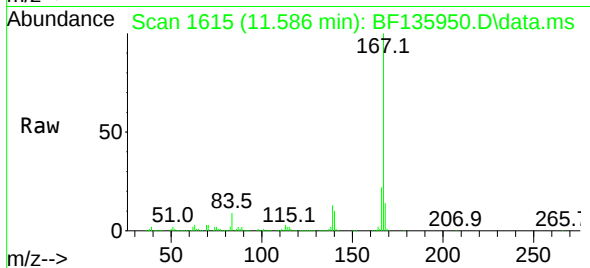
PB156255BS

Tgt Ion:167 Resp: 1417015
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.2 10.4 15.6

Manual Integrations

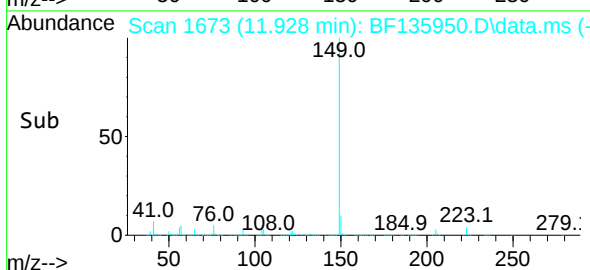
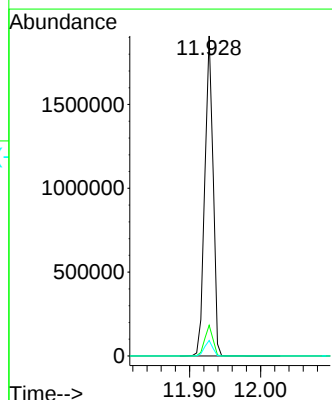
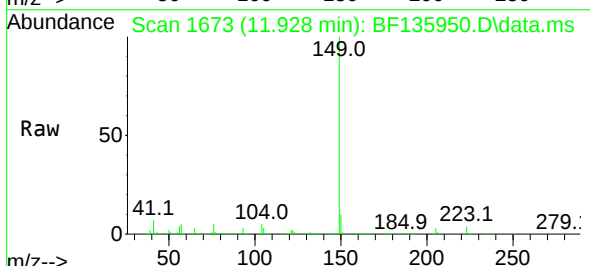
APPROVED

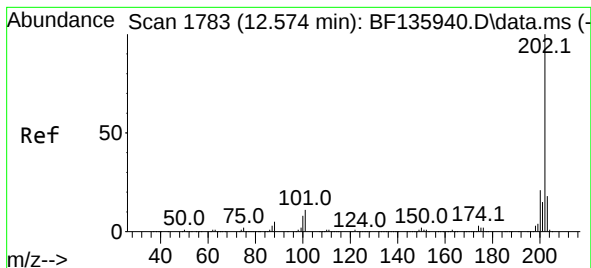
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#74
 Di-n-butylphthalate
 Concen: 49.728 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135950.D
 Acq: 25 Oct 2023 19:56

Tgt Ion:149 Resp: 1548987
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 48.255 ng

RT: 12.569 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF135950.D

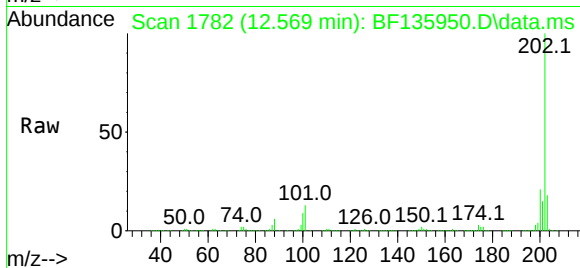
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS



Tgt Ion:202 Resp: 162696

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.6

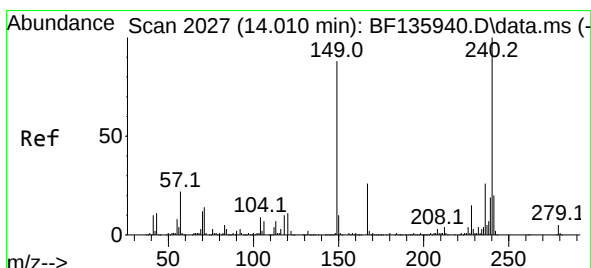
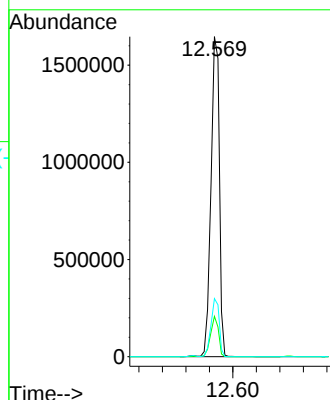
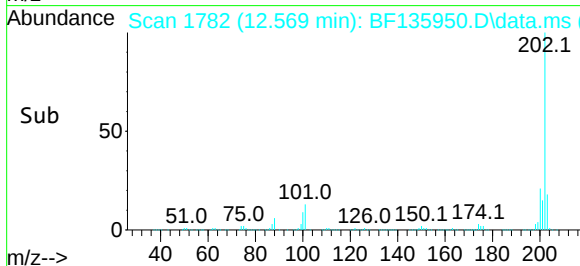
203 18.1 0.0 37.5

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: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

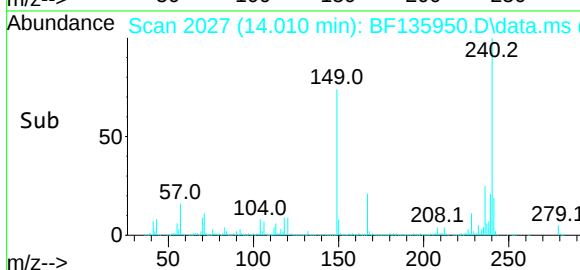
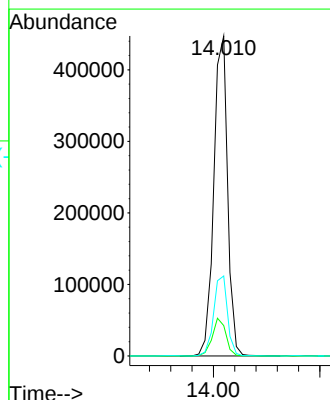
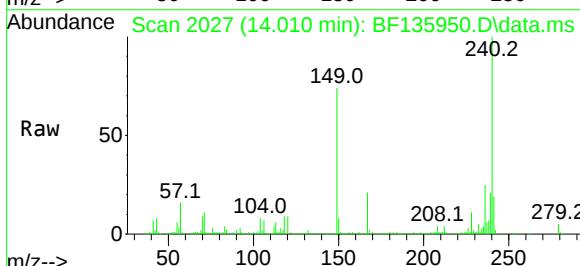
Tgt Ion:240 Resp: 402990

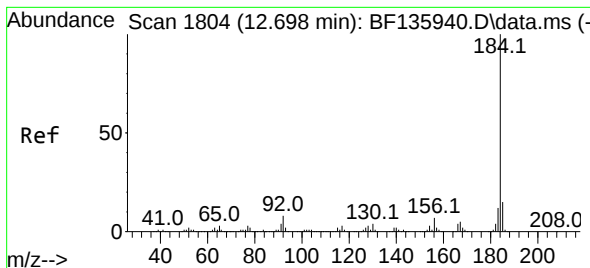
Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

236 25.0 20.6 30.8





#77

Benzidine

Concen: 56.388 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF135950.D

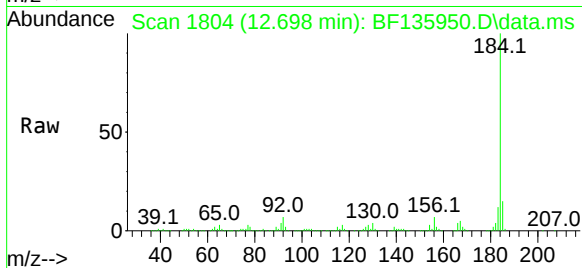
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS



Tgt Ion:184 Resp: 438169

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

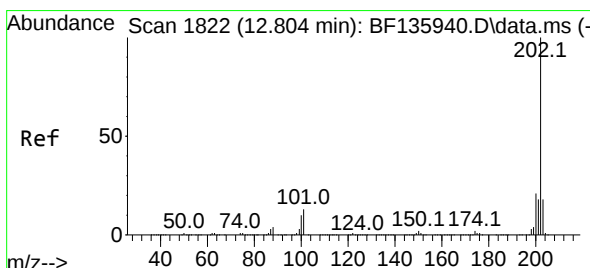
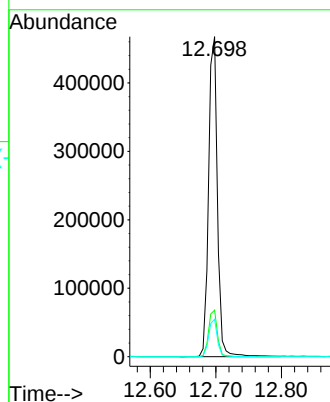
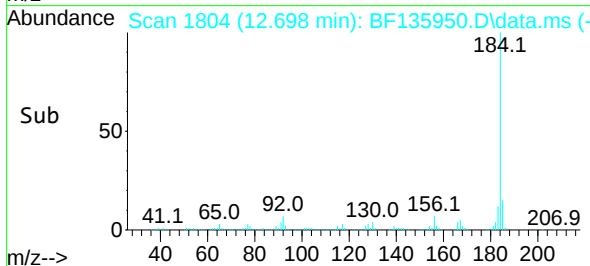
183 11.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#78

Pyrene

Concen: 49.424 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

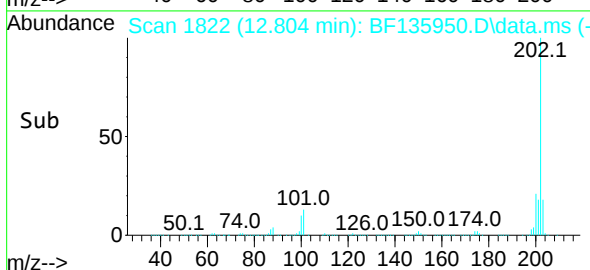
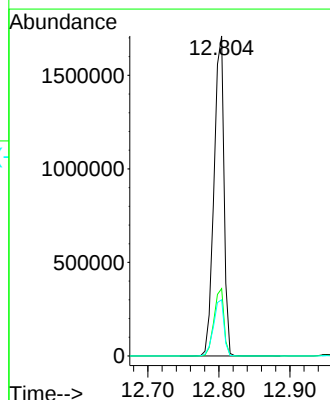
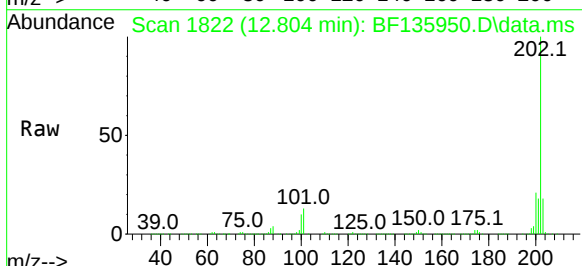
Tgt Ion:202 Resp: 1672330

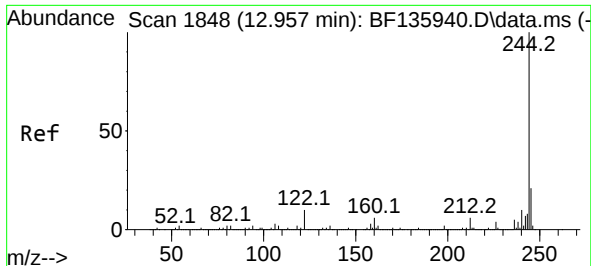
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

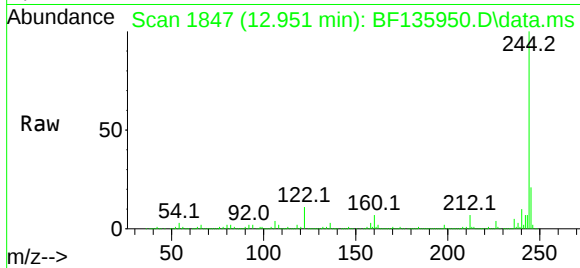
203 17.6 14.5 21.7





#79
 Terphenyl-d14
 Concen: 96.446 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF135950.D
 Acq: 25 Oct 2023 19:56

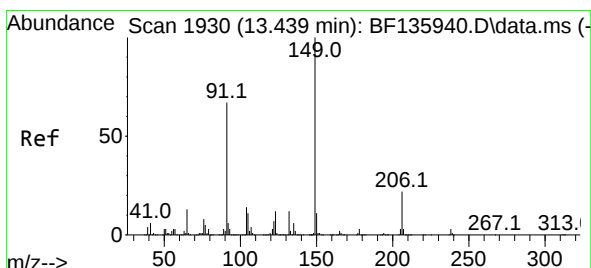
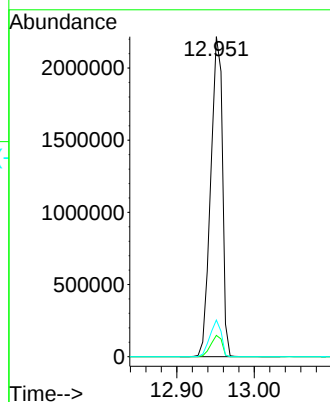
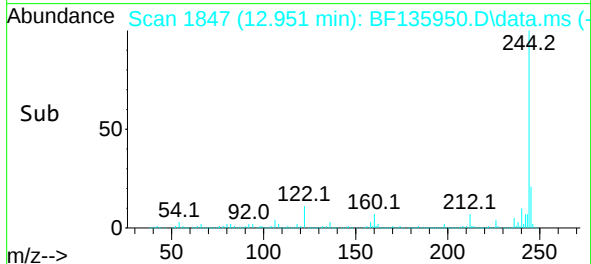
Instrument :
 BNA_F
 ClientSampleId :
 PB156255BS



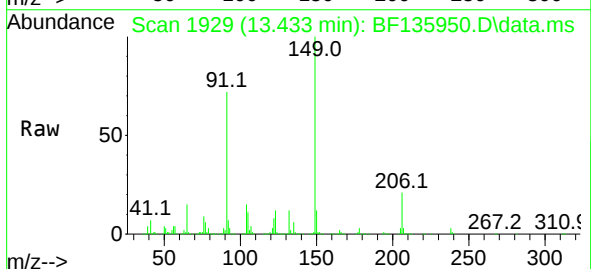
Tgt Ion:244 Resp: 2326278
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.6
 122 11.4 8.0 12.0

Manual Integrations
 APPROVED

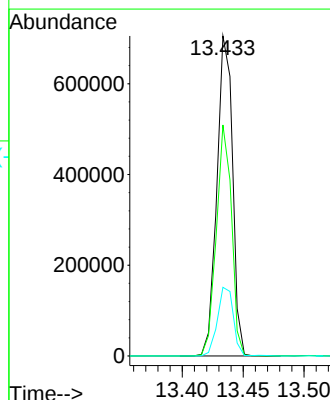
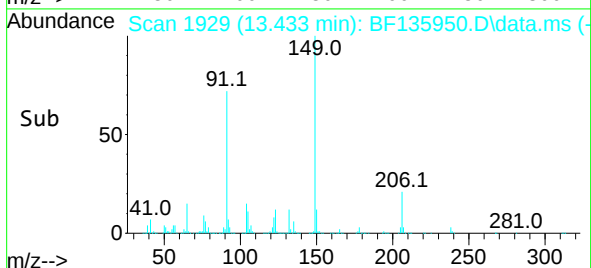
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

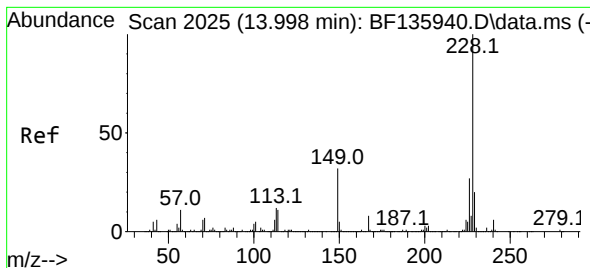


#80
 Butylbenzylphthalate
 Concen: 49.435 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF135950.D
 Acq: 25 Oct 2023 19:56



Tgt Ion:149 Resp: 633751
 Ion Ratio Lower Upper
 149 100
 91 72.2 53.4 80.0
 206 21.5 17.5 26.3





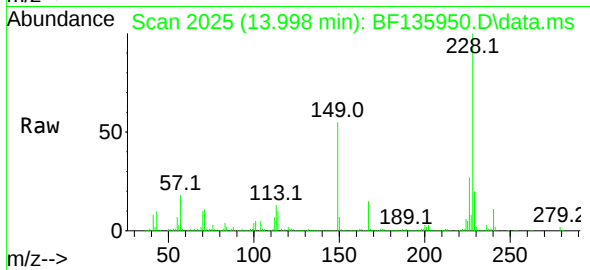
#81
Benzo(a)anthracene
Concen: 48.727 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

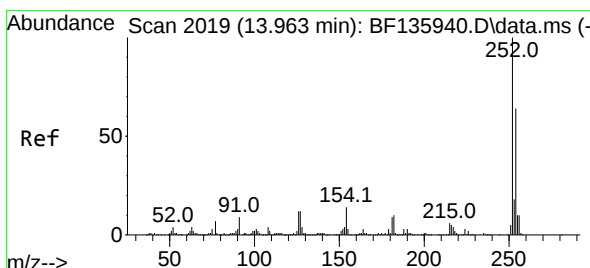
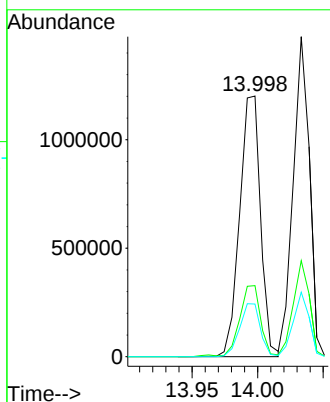
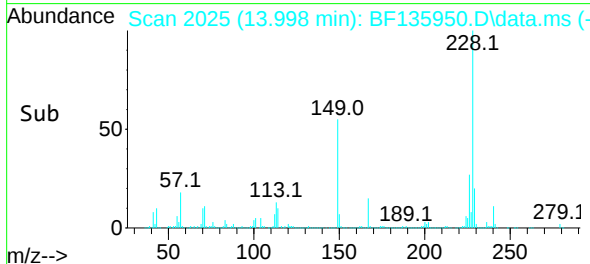


Tgt Ion:228 Resp: 1335164
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 20.2 16.2 24.4

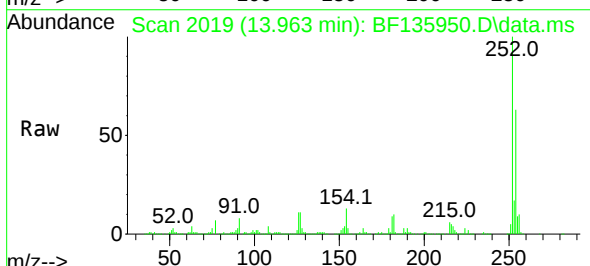
Manual Integrations

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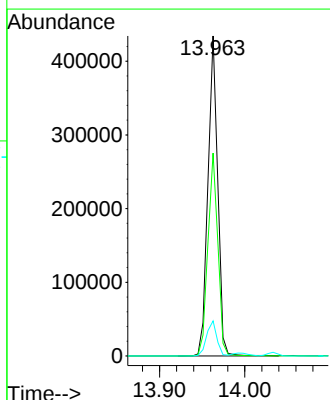
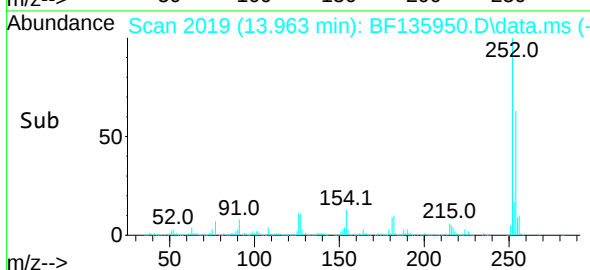
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

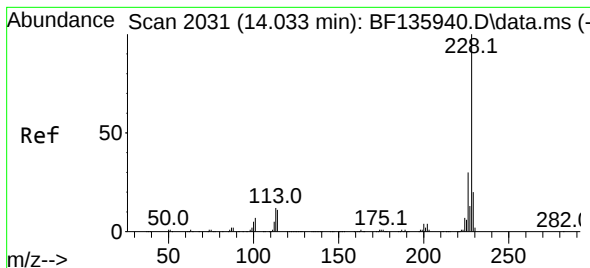


#82
3,3'-Dichlorobenzidine
Concen: 41.632 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:252 Resp: 347061
Ion Ratio Lower Upper
252 100
254 63.4 50.9 76.3
126 10.9 9.8 14.6





#83

Chrysene

Concen: 47.787 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135950.D

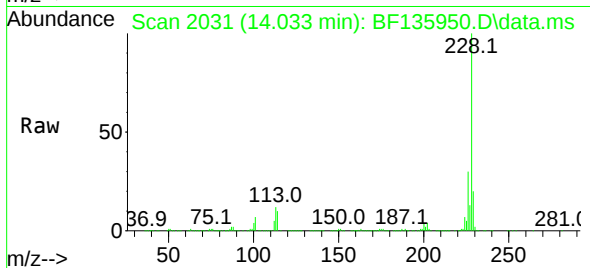
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS



Tgt Ion:228 Resp: 1275320

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

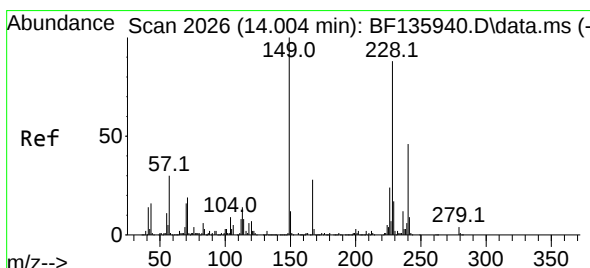
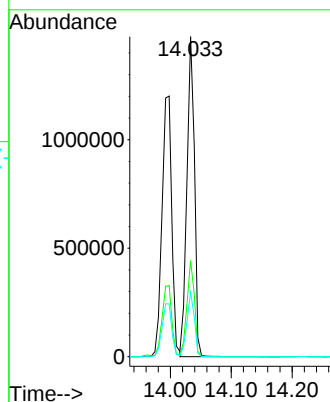
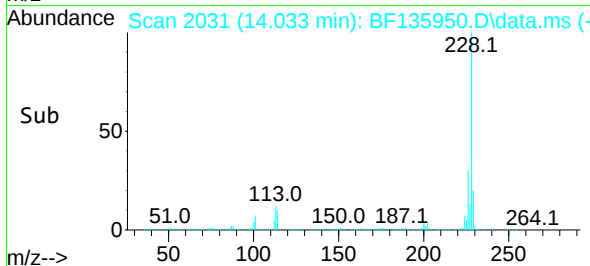
229 20.1 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.545 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

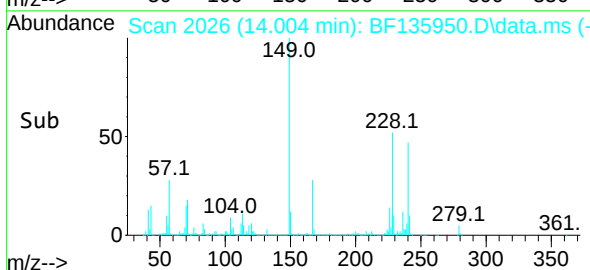
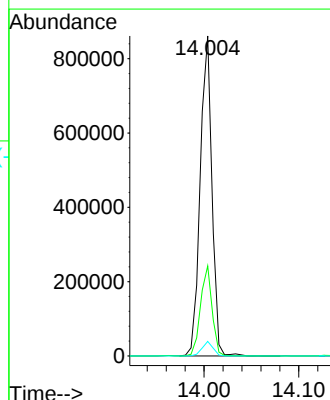
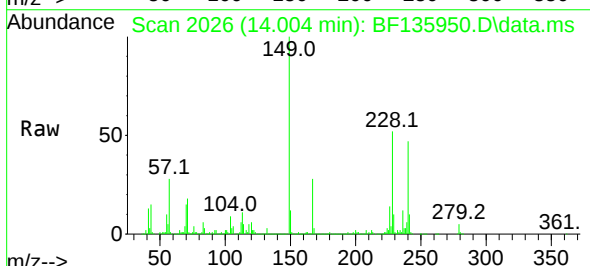
Tgt Ion:149 Resp: 745027

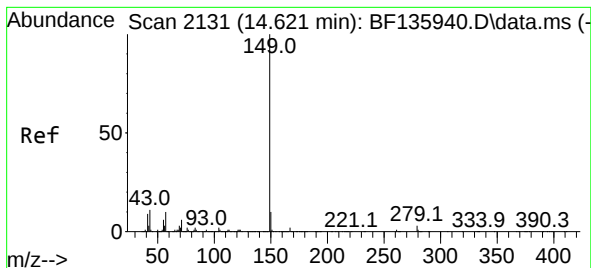
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.6 3.1 4.7





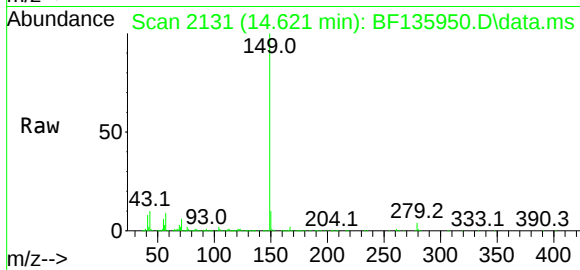
#85
Di-n-octyl phthalate
Concen: 55.378 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS



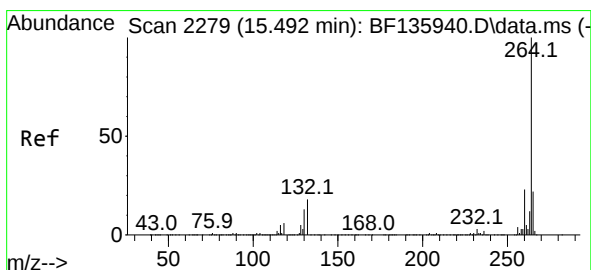
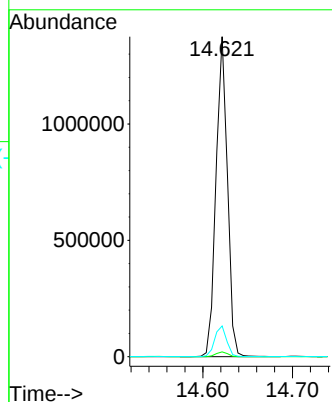
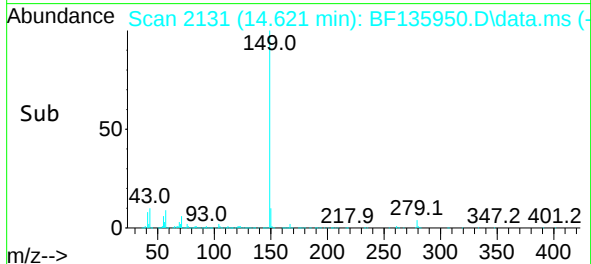
Tgt Ion:149 Resp: 121381
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.6 12.8

Manual Integrations

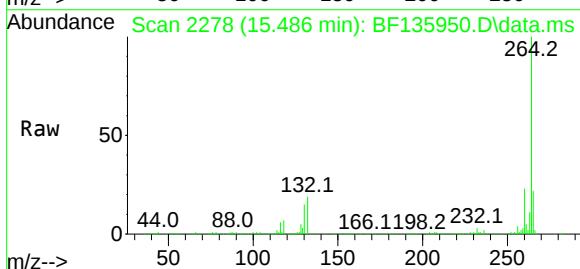
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

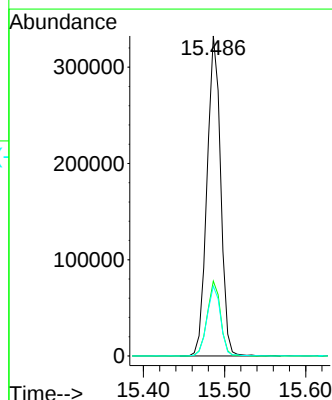
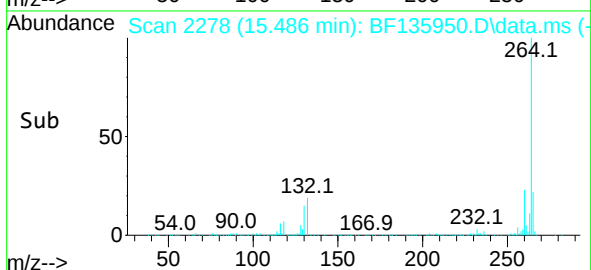
Supervised By :mohammad ahmed 10/26/2023

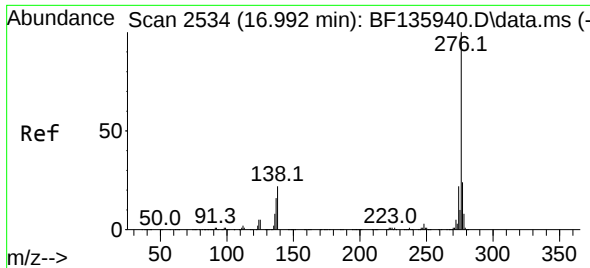


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:264 Resp: 385966
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.8 17.3 25.9





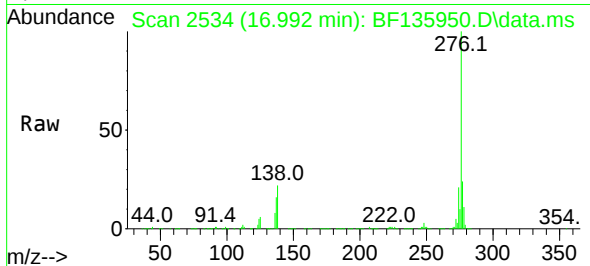
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.519 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS

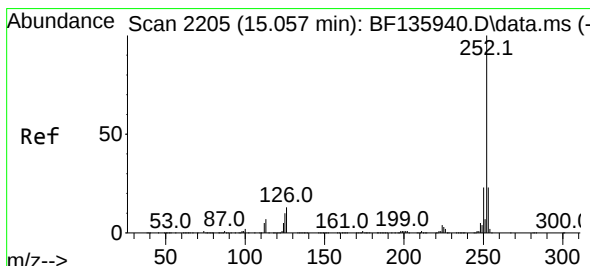
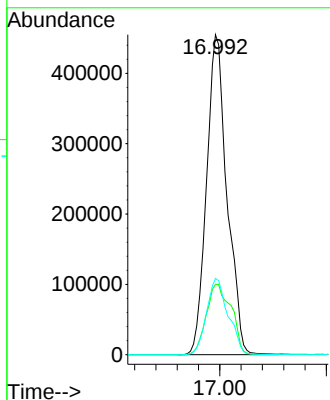
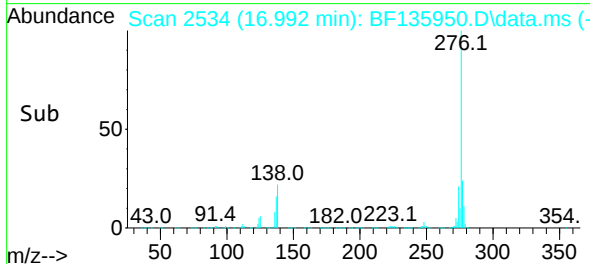


Tgt Ion:276 Resp: 1215069
Ion Ratio Lower Upper
276 100
138 26.8 21.8 32.6
277 25.2 20.0 30.0

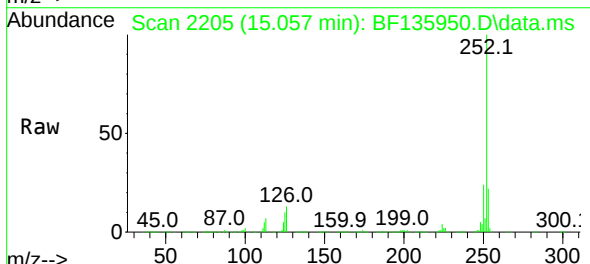
Manual Integrations

APPROVED

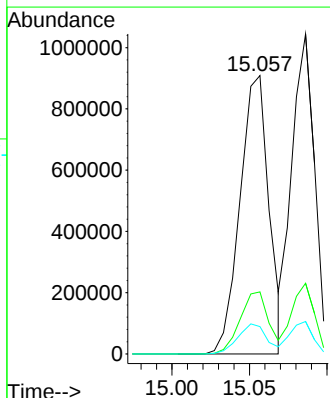
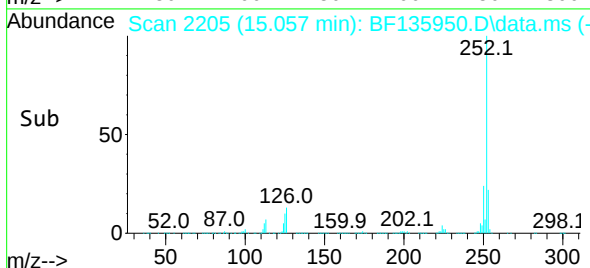
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

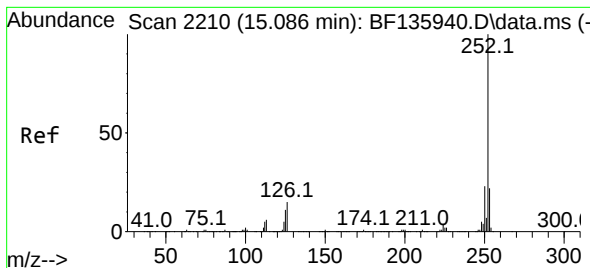


#88
Benzo(b)fluoranthene
Concen: 51.426 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56



Tgt Ion:252 Resp: 1181251
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.733 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF135950.D

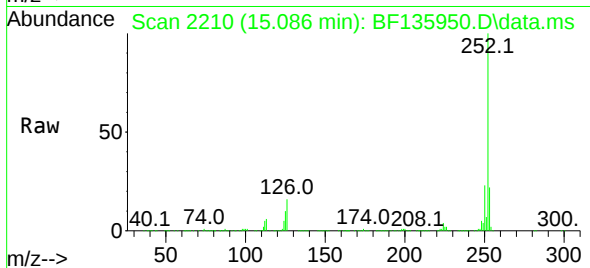
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

ClientSampleId :

PB156255BS



Tgt Ion:252 Resp: 107681

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

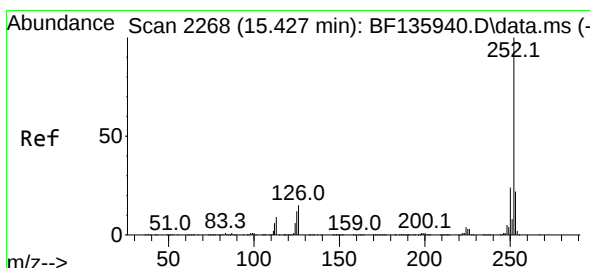
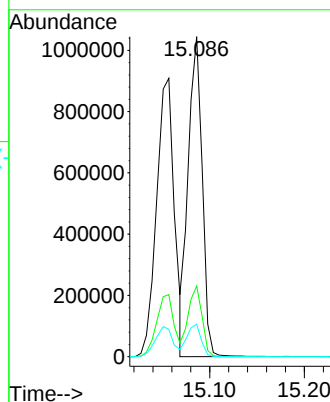
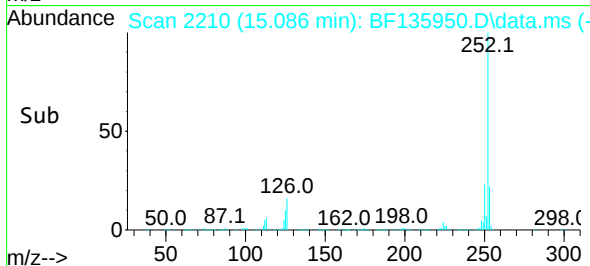
125 10.2 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#90

Benzo(a)pyrene

Concen: 47.346 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF135950.D

Acq: 25 Oct 2023 19:56

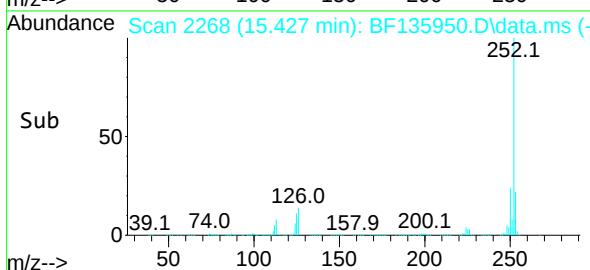
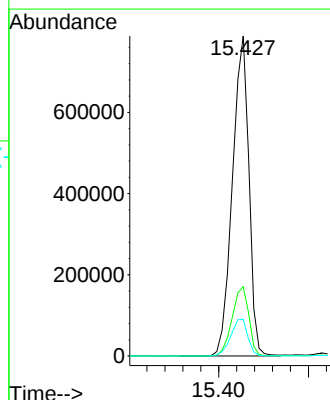
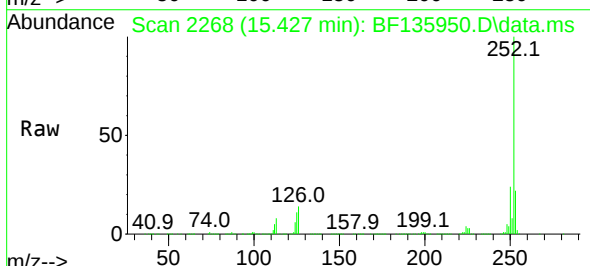
Tgt Ion:252 Resp: 1002313

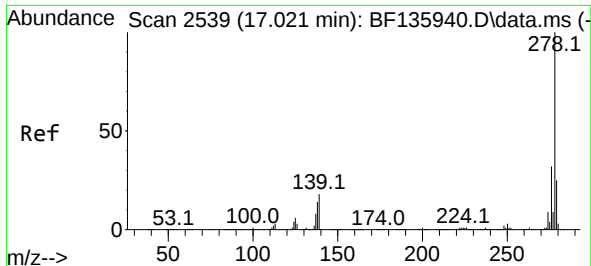
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.5 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 54.123 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Instrument :

BNA_F

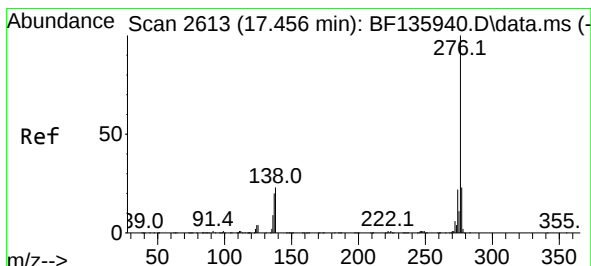
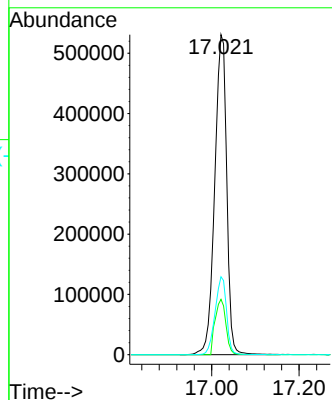
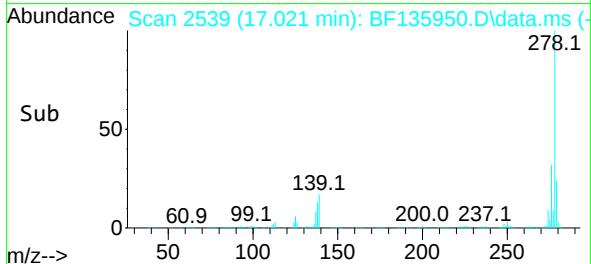
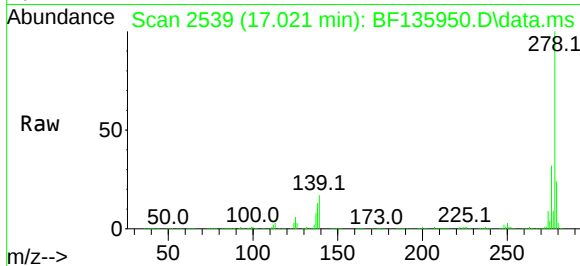
ClientSampleId :

PB156255BS

Tgt Ion:278 Resp: 101318
Ion Ratio Lower Upper
278 100
139 17.3 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: 45.623 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF135950.D
Acq: 25 Oct 2023 19:56

Tgt Ion:276 Resp: 966749
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 23.3 18.4 27.6

