

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135955.D
 Acq On : 25 Oct 2023 22:32
 Operator : CG\JU
 Sample : PB156472BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156472BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 26 04:34:47 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	175811	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	695768	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	351428	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	639502	20.000	ng	0.00
76) Chrysene-d12	14.009	240	409967	20.000	ng	0.00
86) Perylene-d12	15.486	264	392865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1421978	124.894	ng	0.02
7) Phenol-d6	6.463	99	1766018	124.591	ng	0.00
23) Nitrobenzene-d5	7.392	82	1015149	93.158	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	457905	148.862	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1840338	83.853	ng	0.00
79) Terphenyl-d14	12.957	244	2230306	90.894	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	205338	38.825	ng	99
3) Pyridine	3.463	79	495312	33.930	ng	100
4) n-Nitrosodimethylamine	3.434	42	280682	44.097	ng	99
6) Aniline	6.486	93	674305	35.330	ng	98
8) 2-Chlorophenol	6.610	128	565766	48.001	ng	97
9) Benzaldehyde	6.375	77	145869	19.024	ng	98
10) Phenol	6.475	94	695168m	46.912	ng	
11) bis(2-Chloroethyl)ether	6.563	93	530040	45.953	ng	96
12) 1,3-Dichlorobenzene	6.763	146	582218	46.505	ng	99
13) 1,4-Dichlorobenzene	6.839	146	589156	46.857	ng	97
14) 1,2-Dichlorobenzene	6.992	146	559533	47.922	ng	99
15) Benzyl Alcohol	6.969	79	374768	37.401	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	770422	45.355	ng	100
17) 2-Methylphenol	7.075	107	448337	43.158	ng	97
18) Hexachloroethane	7.333	117	208072	48.667	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	362100	44.923	ng	97
20) 3+4-Methylphenols	7.233	107	535708	42.728	ng	# 80
22) Acetophenone	7.239	105	730026	46.455	ng	# 90
24) Nitrobenzene	7.410	77	547703	47.559	ng	98
25) Isophorone	7.645	82	1000543	45.494	ng	100
26) 2-Nitrophenol	7.722	139	242992	55.850	ng	97
27) 2,4-Dimethylphenol	7.763	122	448179	44.713	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	615281	45.559	ng	99
29) 2,4-Dichlorophenol	7.963	162	444048	49.472	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	488459	48.064	ng	100
31) Naphthalene	8.127	128	1541690	45.831	ng	100
32) Benzoic acid	7.886	122	299889	56.298	ng	91
33) 4-Chloroaniline	8.174	127	287850	19.361	ng	97
34) Hexachlorobutadiene	8.245	225	270322	47.192	ng	99
35) Caprolactam	8.551	113	155593m	52.092	ng	
36) 4-Chloro-3-methylphenol	8.657	107	467234	48.984	ng	99
37) 2-Methylnaphthalene	8.822	142	970481	43.604	ng	100
38) 1-Methylnaphthalene	8.916	142	945375	45.458	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	448580	45.194	ng	99
41) Hexachlorocyclopentadiene	8.974	237	530125	108.316	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	286415	49.302	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	329358	47.750	ng	96
46) 1,1'-Biphenyl	9.286	154	1211195	45.485	ng	99
47) 2-Chloronaphthalene	9.310	162	924850	46.955	ng	98
48) 2-Nitroaniline	9.404	65	277815	50.927	ng	100
49) Acenaphthylene	9.727	152	1470957	47.339	ng	99
50) Dimethylphthalate	9.592	163	1030988	45.239	ng	100
51) 2,6-Dinitrotoluene	9.651	165	235200	49.600	ng	# 85
52) Acenaphthene	9.898	154	982115m	49.318	ng	
53) 3-Nitroaniline	9.816	138	189767	34.938	ng	93
54) 2,4-Dinitrophenol	9.921	184	195759	94.265	ng	98
55) Dibenzofuran	10.068	168	1298564	45.138	ng	100
56) 4-Nitrophenol	9.980	139	437864	94.062	ng	97
57) 2,4-Dinitrotoluene	10.057	165	311566	52.634	ng	95
58) Fluorene	10.416	166	972510	45.185	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	283798	54.678	ng	98
60) Diethylphthalate	10.298	149	985597	45.352	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	464331	44.724	ng	98
62) 4-Nitroaniline	10.439	138	259692	46.547	ng	95
63) Azobenzene	10.568	77	989665	44.874	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	128775	56.786	ng	99
66) n-Nitrosodiphenylamine	10.527	169	908185	47.009	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	301418	46.024	ng	99
68) Hexachlorobenzene	10.957	284	355117	50.759	ng	96
69) Atrazine	11.063	200	296746	56.345	ng	99
70) Pentachlorophenol	11.157	266	411756	92.149	ng	99
71) Phenanthrene	11.380	178	1511957	46.731	ng	99
72) Anthracene	11.433	178	1548299	46.737	ng	100
73) Carbazole	11.586	167	1407775	47.637	ng	99
74) Di-n-butylphthalate	11.927	149	1516253	48.217	ng	100
75) Fluoranthene	12.574	202	1618166	47.540	ng	99
77) Benzidine	12.698	184	499044	63.130	ng	99
78) Pyrene	12.804	202	1654683	48.070	ng	99
80) Butylbenzylphthalate	13.439	149	621583	47.798	ng	97
81) Benzo(a)anthracene	13.998	228	1343449	48.195	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	353559	41.690	ng	98
83) Chrysene	14.033	228	1263713	46.546	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	730752	51.625	ng	# 99
85) Di-n-octyl phthalate	14.621	149	1184782	53.134	ng	99
87) Indeno(1,2,3-cd)pyrene	16.997	276	1143890	51.349	ng	99
88) Benzo(b)fluoranthene	15.056	252	1136713	48.618	ng	100
89) Benzo(k)fluoranthene	15.086	252	1057335	46.046	ng	100
90) Benzo(a)pyrene	15.427	252	964742	44.771	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	958516	50.304	ng	99
92) Benzo(g,h,i)perylene	17.456	276	907118	42.351	ng	99

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

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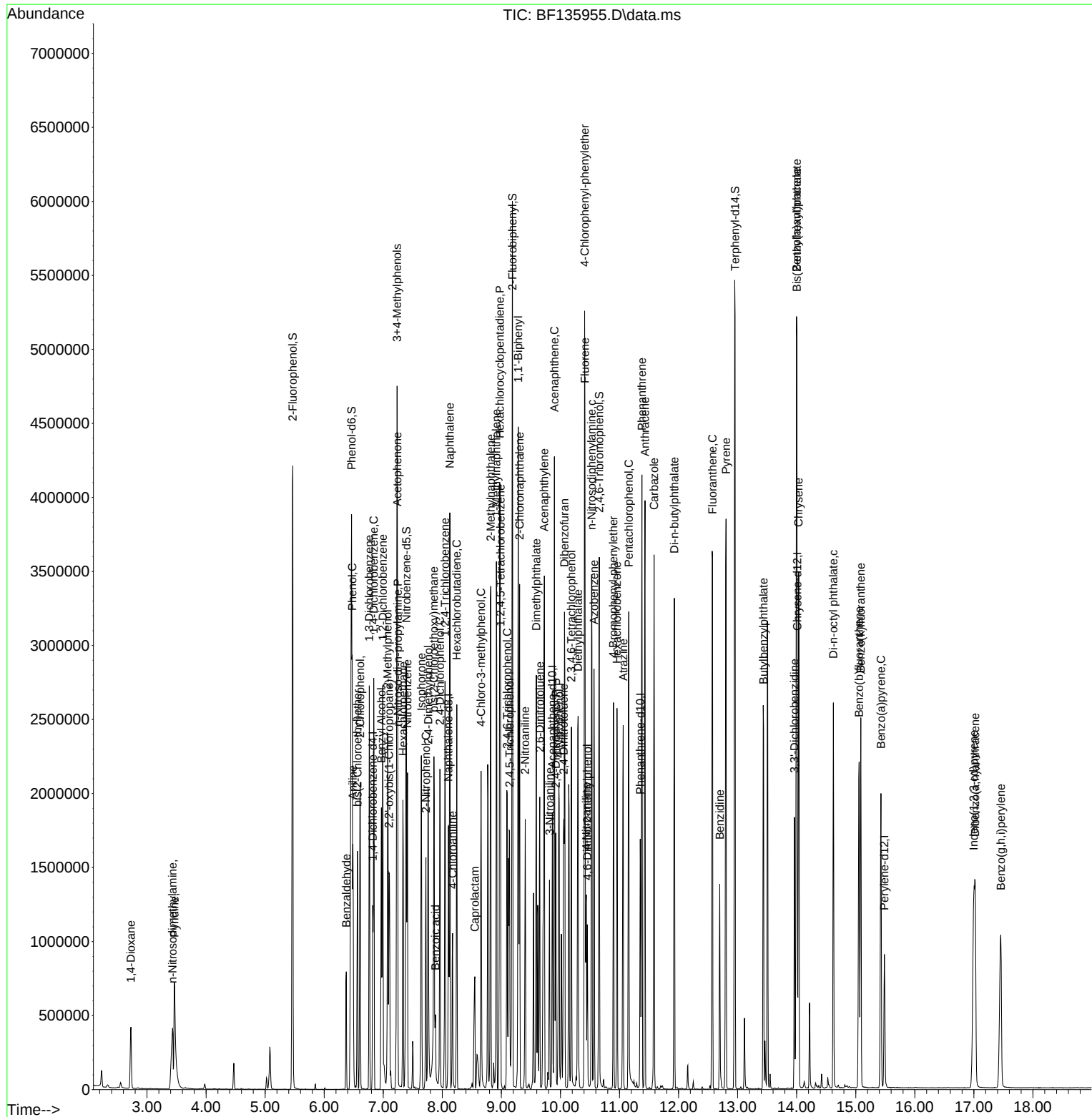
Quant Time: Oct 26 04:34:47 2023

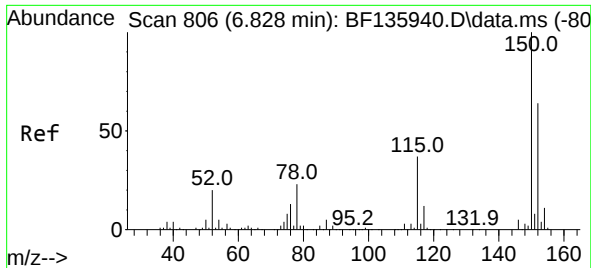
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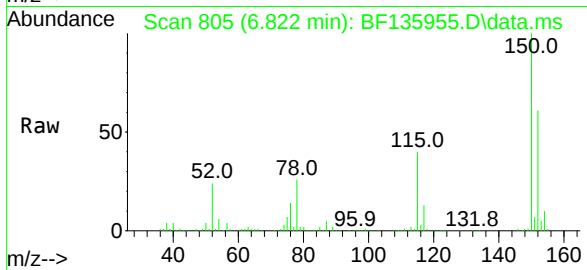
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF135955.D
 Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

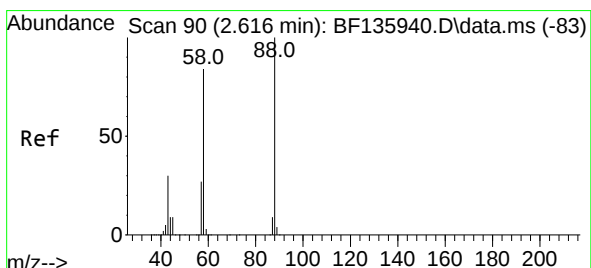
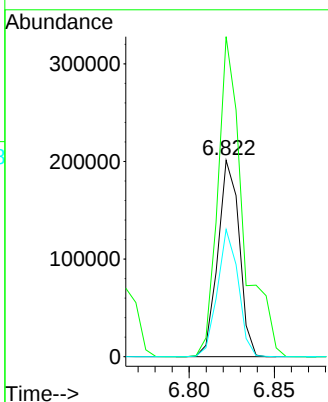
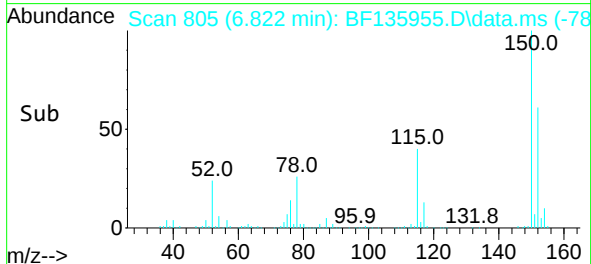


Tgt Ion:152 Resp: 17581
 Ion Ratio Lower Upper
 152 100
 150 162.9 124.6 186.8
 115 64.8 46.6 69.8

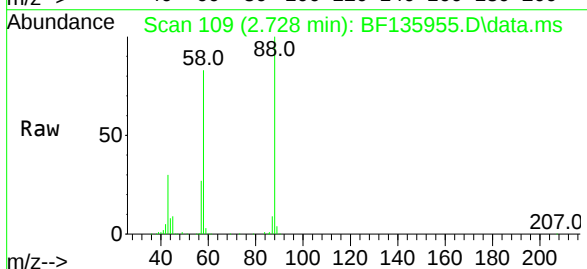
Manual Integrations

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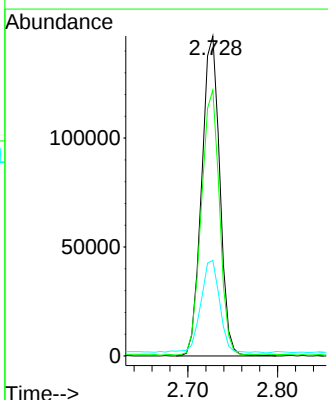
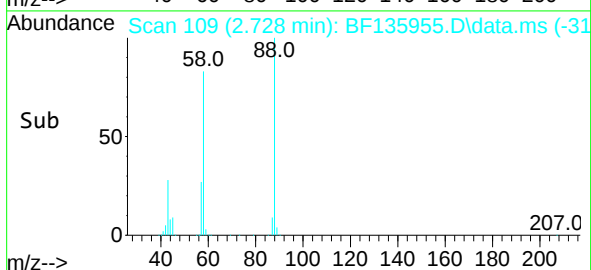
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

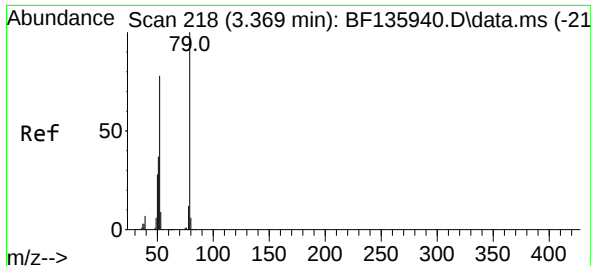


#2
 1,4-Dioxane
 Concen: 38.825 ng
 RT: 2.728 min Scan# 109
 Delta R.T. 0.112 min
 Lab File: BF135955.D
 Acq: 25 Oct 2023 22:32



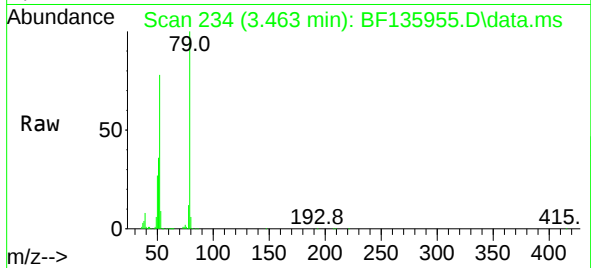
Tgt Ion: 88 Resp: 205338
 Ion Ratio Lower Upper
 88 100
 58 83.2 66.6 100.0
 43 30.7 23.8 35.8





#3
Pyridine
Concen: 33.930 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

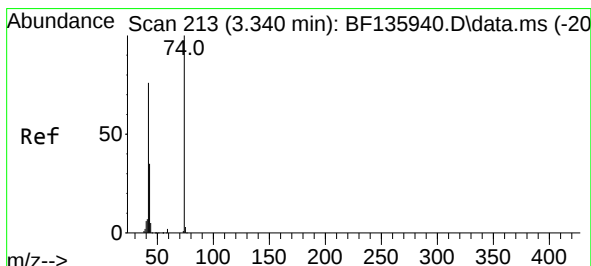
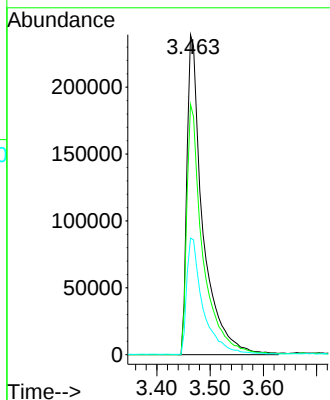
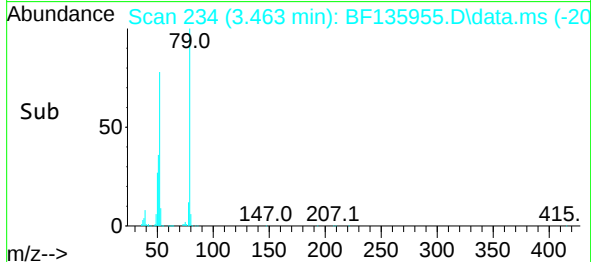
Instrument :
BNA_F
ClientSampleId :
PB156472BS



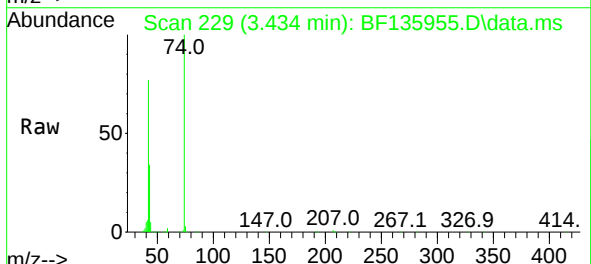
Tgt Ion: 79 Resp: 495312
Ion Ratio Lower Upper
79 100
52 78.2 62.6 93.8
51 36.5 29.8 44.8

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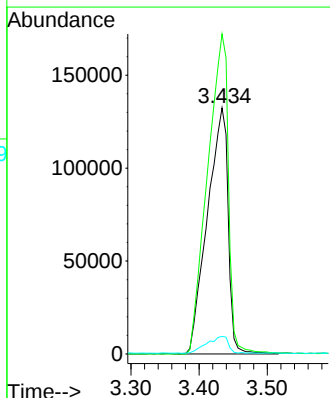
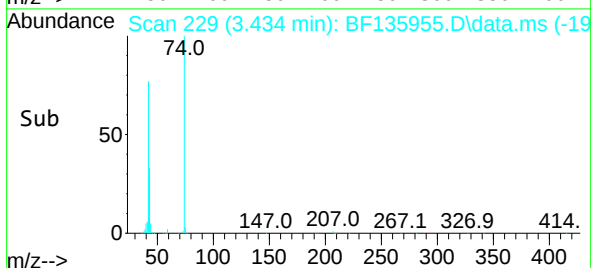
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

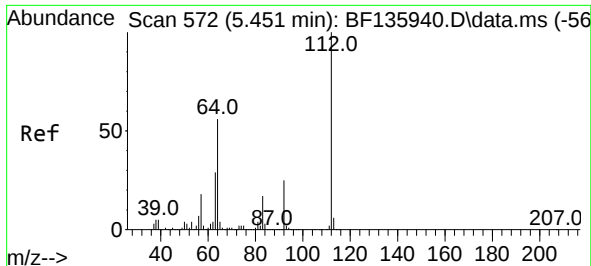


#4
n-Nitrosodimethylamine
Concen: 44.097 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.094 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion: 42 Resp: 280682
Ion Ratio Lower Upper
42 100
74 130.1 104.8 157.2
44 7.1 5.9 8.9





#5
2-Fluorophenol
Concen: 124.894 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

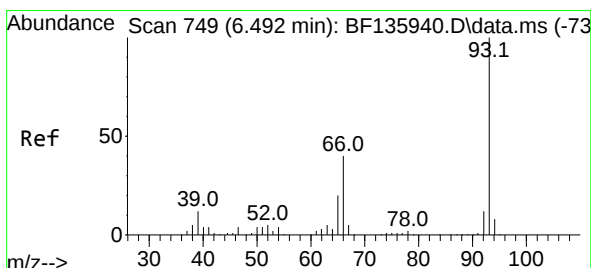
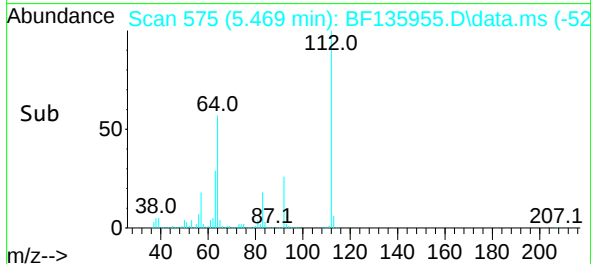
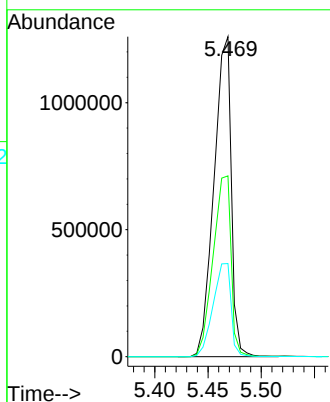
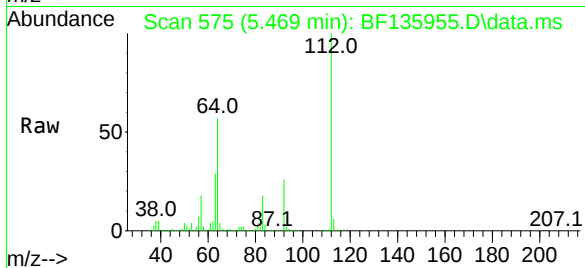
PB156472BS

Tgt Ion:112 Resp: 1421978
Ion Ratio Lower Upper
112 100
64 56.5 45.1 67.7
63 29.1 23.0 34.4

Manual Integrations

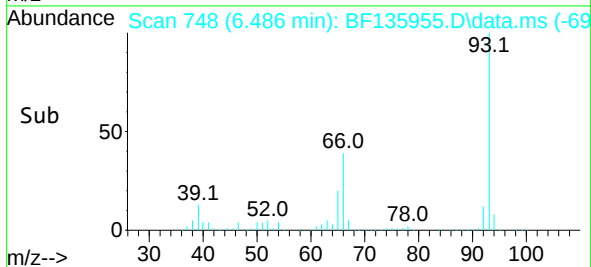
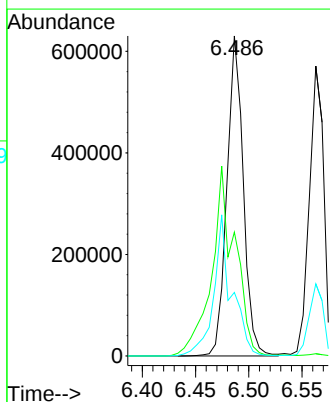
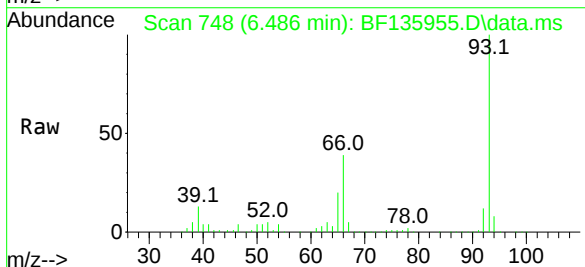
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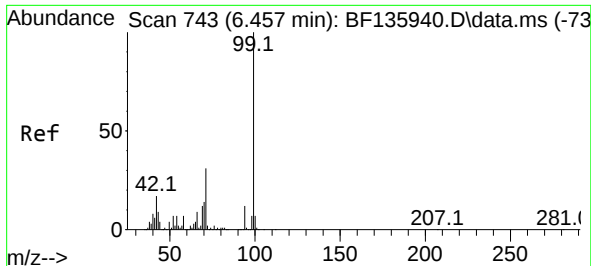
Reviewed By :Yogesh Patel 10/26/2023
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#6
Aniline
Concen: 35.330 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

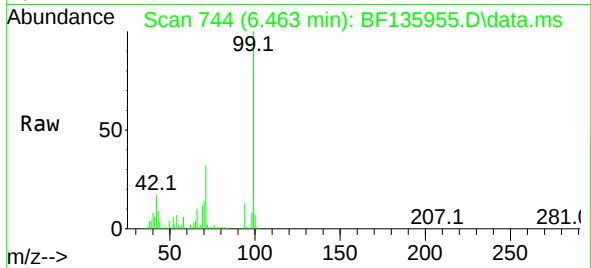
Tgt Ion: 93 Resp: 674305
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 19.9 16.2 24.4





#7
Phenol-d6
Concen: 124.591 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

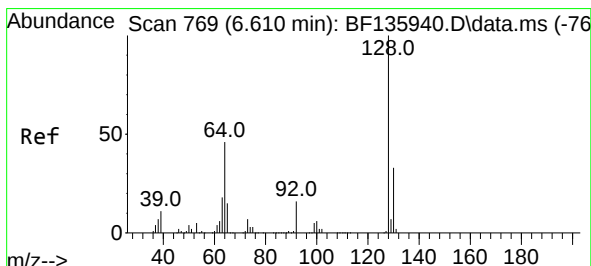
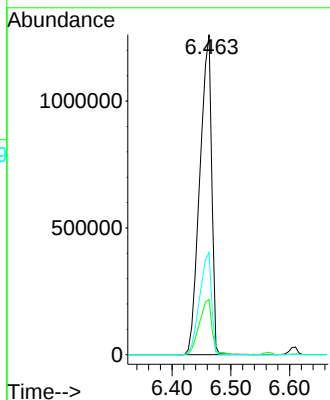
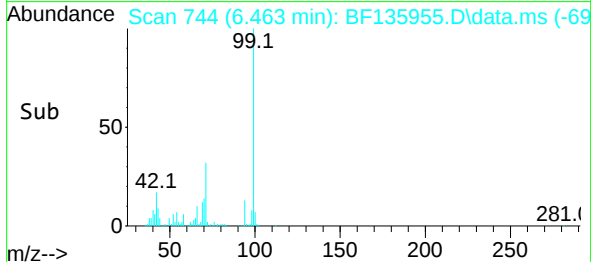
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Tgt Ion: 99 Resp: 1766018
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 31.9 25.1 37.7

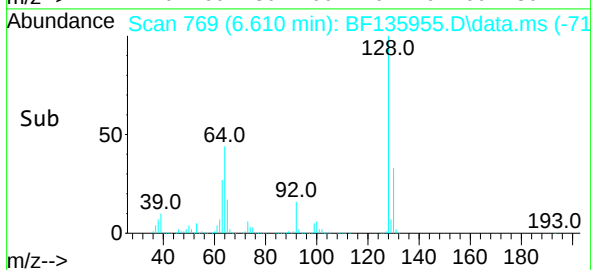
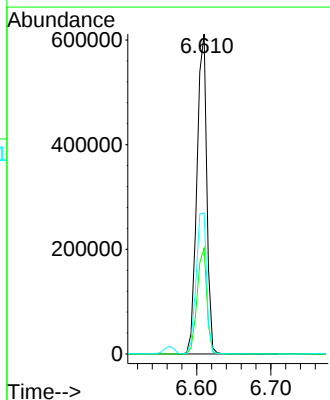
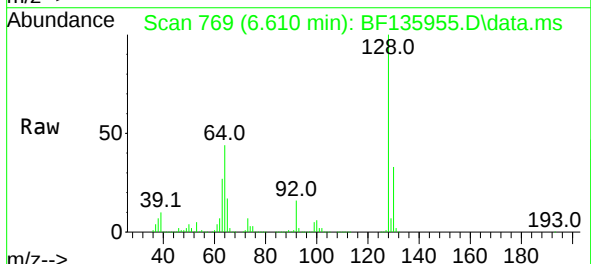
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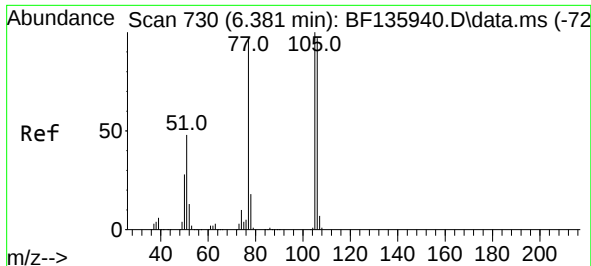
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#8
2-Chlorophenol
Concen: 48.001 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:128 Resp: 565766
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 44.1 27.0 67.0





#9

Benzaldehyde

Concen: 19.024 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135955.D

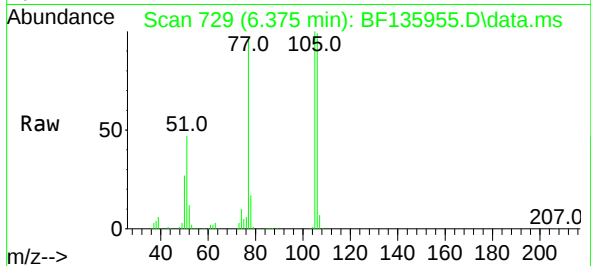
Acq: 25 Oct 2023 22:32

Instrument :

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Tgt Ion: 77 Resp: 145869

Ion Ratio Lower Upper

77 100

105 104.2 83.2 123.2

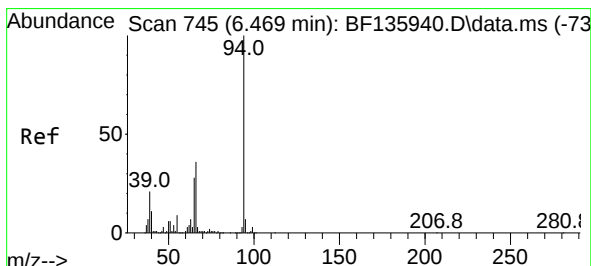
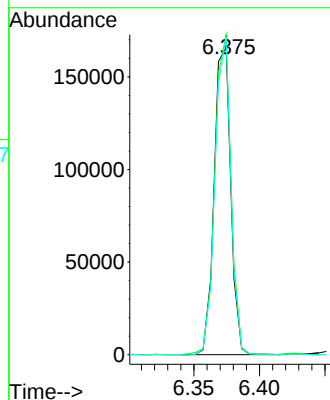
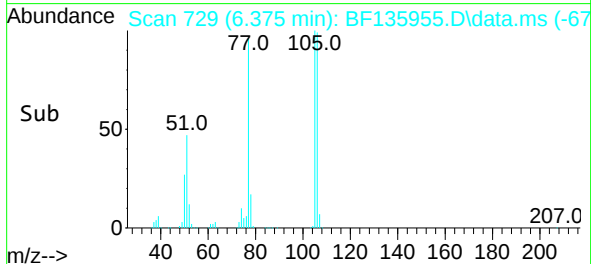
106 103.4 80.0 120.0

Manual Integrations

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#10

Phenol

Concen: 46.912 ng m

RT: 6.475 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

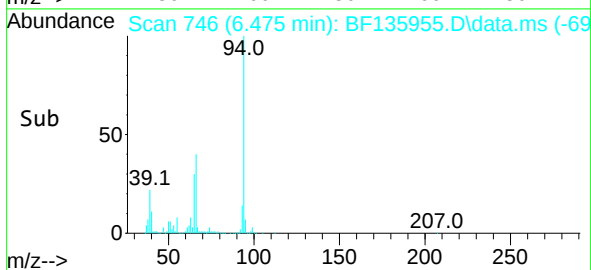
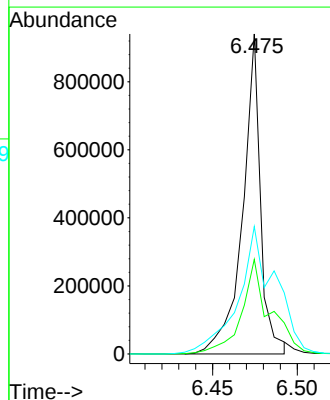
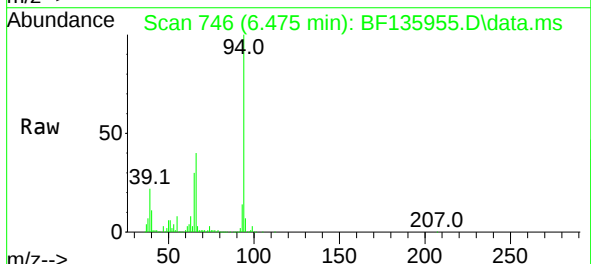
Tgt Ion: 94 Resp: 695168

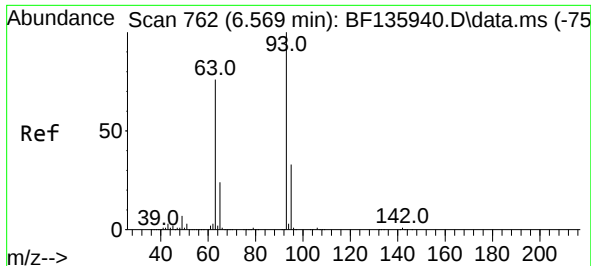
Ion Ratio Lower Upper

94 100

65 29.6 7.8 47.8

66 39.8 16.5 56.5





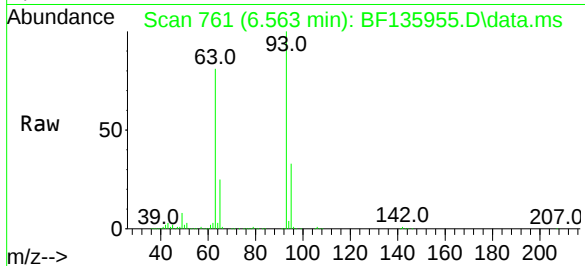
#11
bis(2-Chloroethyl)ether
Concen: 45.953 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

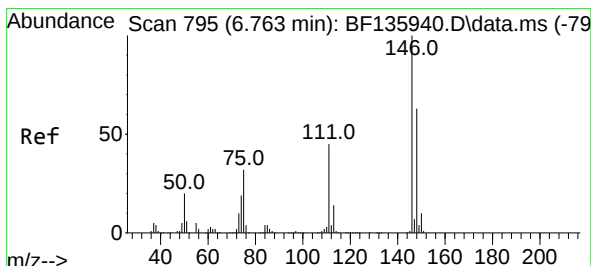
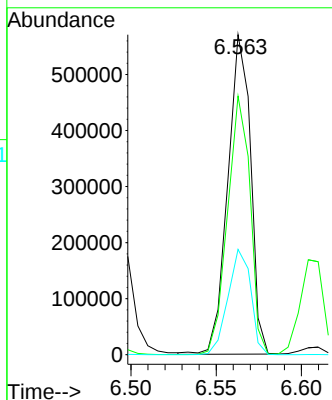
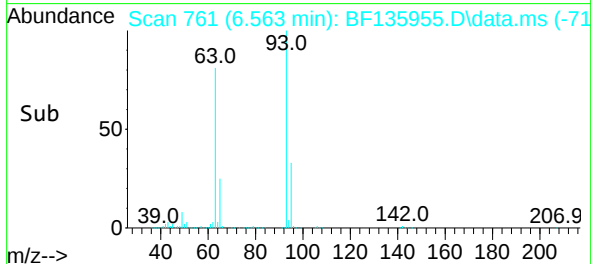
PB156472BS



Tgt Ion: 93 Resp: 530040
Ion Ratio Lower Upper
93 100
63 80.8 56.2 96.2
95 32.9 12.9 52.9

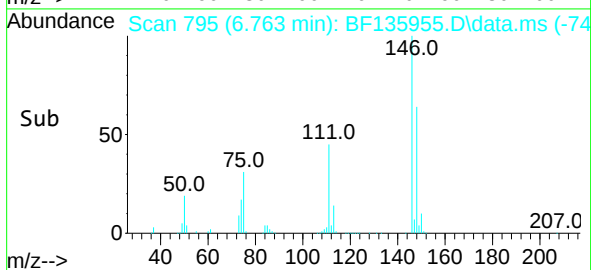
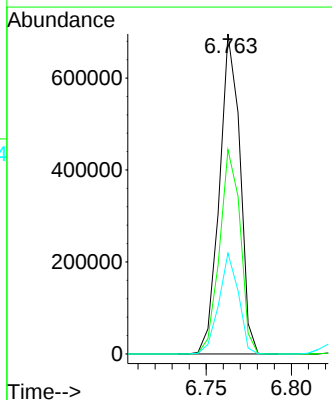
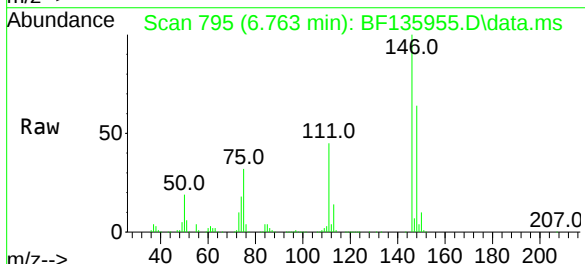
Manual Integrations
APPROVED

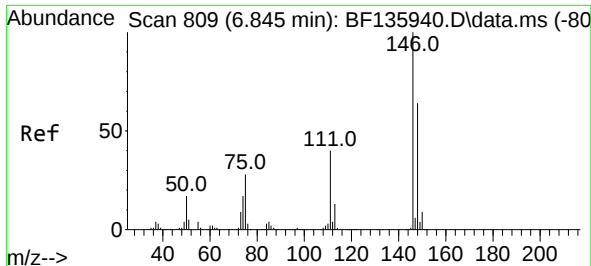
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 46.505 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:146 Resp: 582218
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.4
75 31.5 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 46.857 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

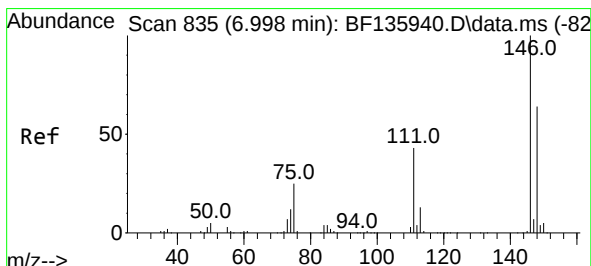
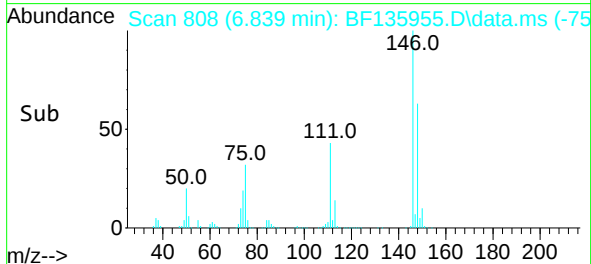
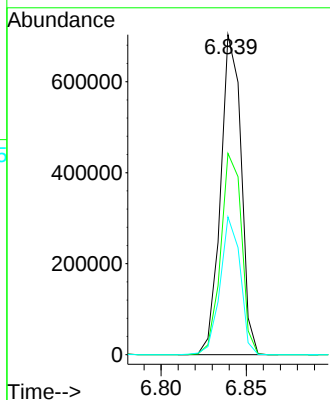
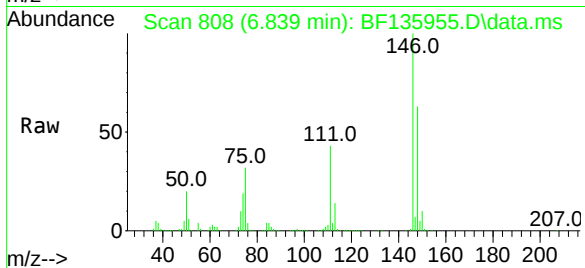
PB156472BS

Tgt Ion:146 Resp: 589150
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.4 77.2
 111 43.0 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: 47.922 ng

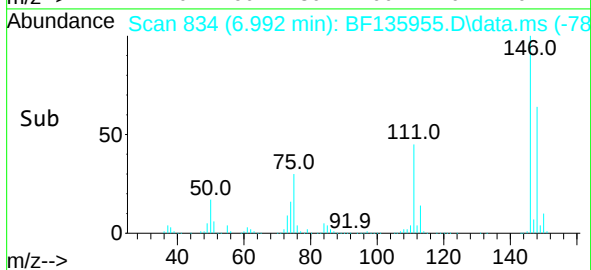
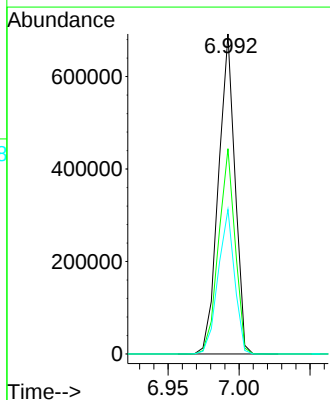
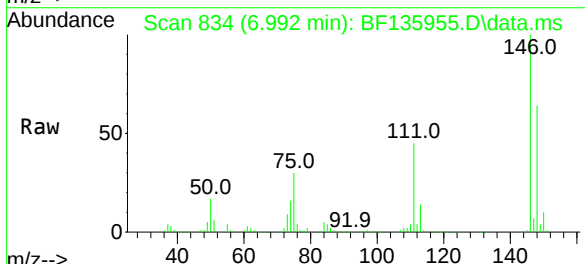
RT: 6.992 min Scan# 834

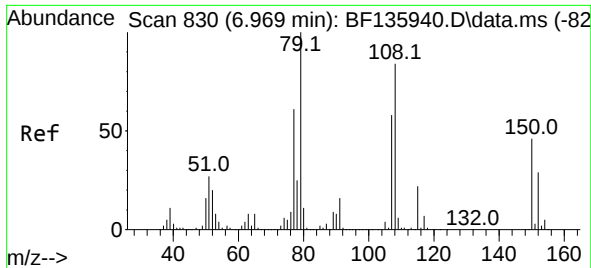
Delta R.T. -0.006 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Tgt Ion:146 Resp: 559533
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 45.1 34.2 51.4





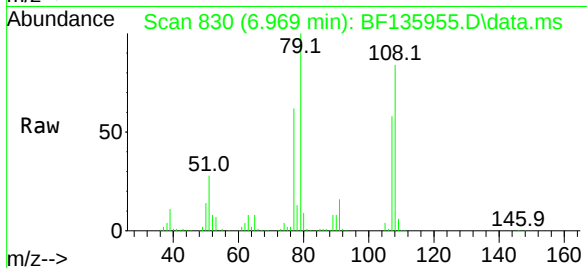
#15
Benzyl Alcohol
Concen: 37.401 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

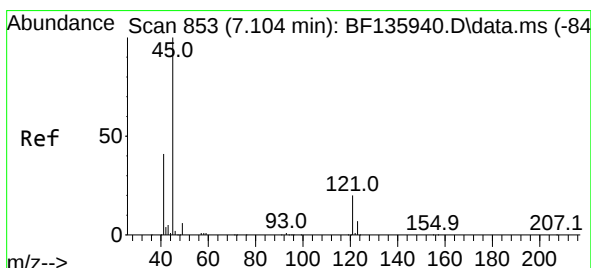
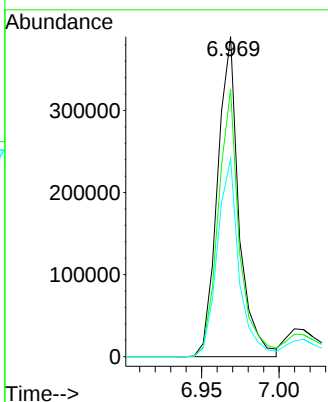
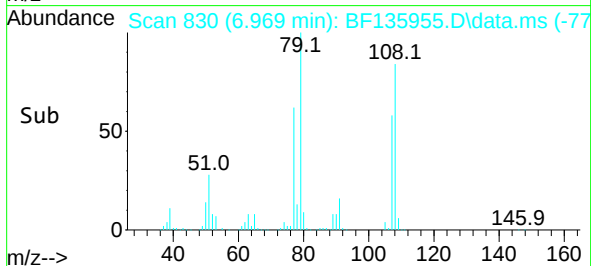
PB156472BS



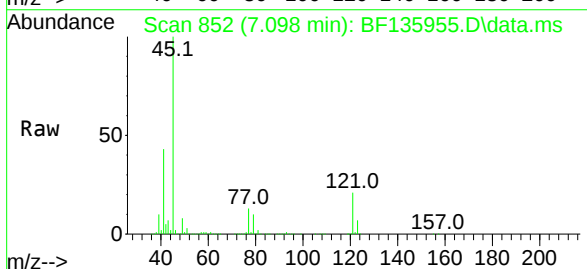
Tgt Ion: 79 Resp: 374768
Ion Ratio Lower Upper
79 100
108 83.5 67.2 100.8
77 61.9 49.0 73.6

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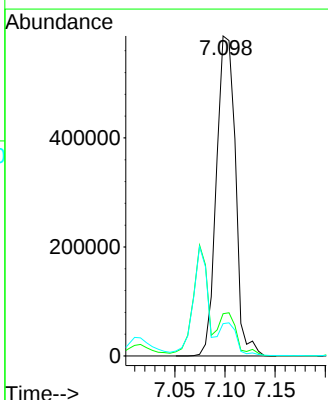
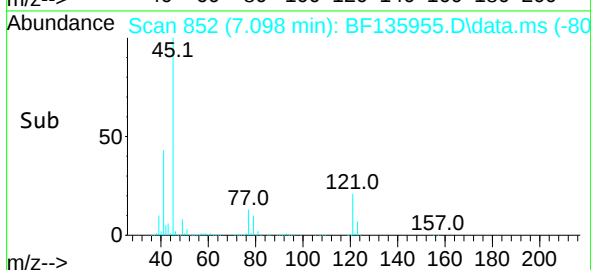
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

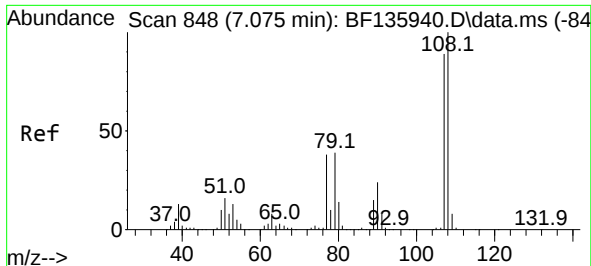


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.355 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



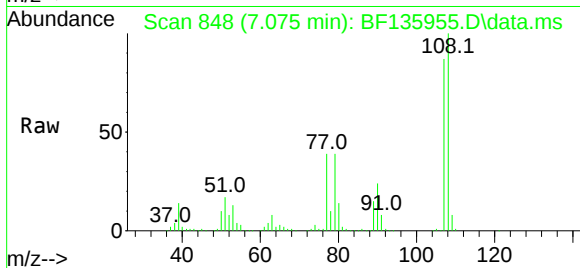
Tgt Ion: 45 Resp: 770422
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.2
79 10.1 0.0 29.8





#17
2-Methylphenol
Concen: 43.158 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

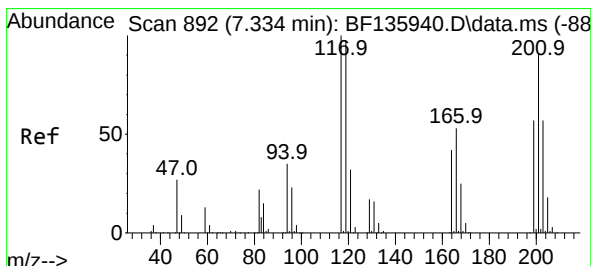
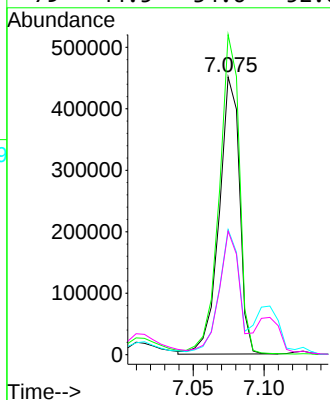
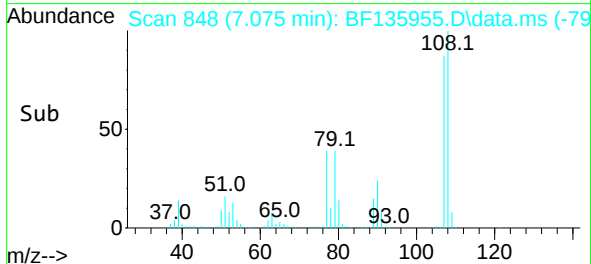
Instrument :
BNA_F
ClientSampleId :
PB156472BS



Tgt Ion:107 Resp: 44833
Ion Ratio Lower Upper
107 100
108 115.2 89.8 134.6
77 45.0 34.2 51.2
79 44.5 34.6 52.0

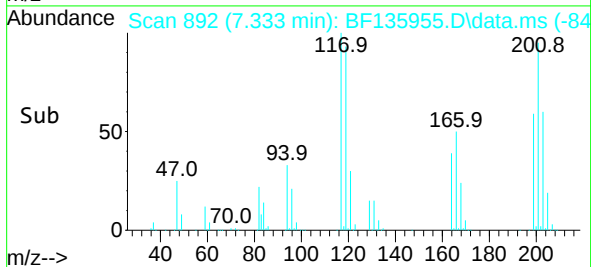
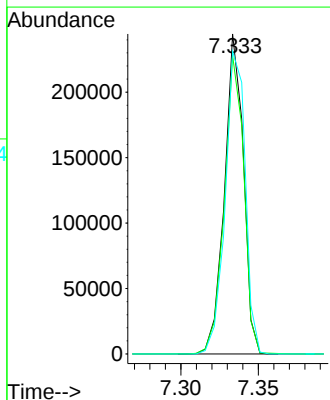
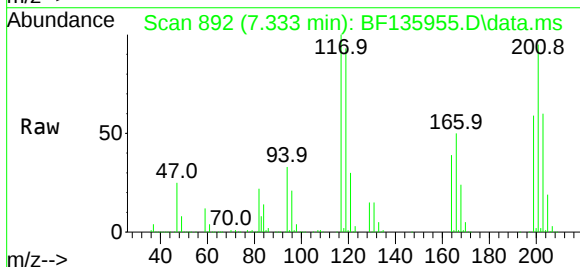
Manual Integrations
APPROVED

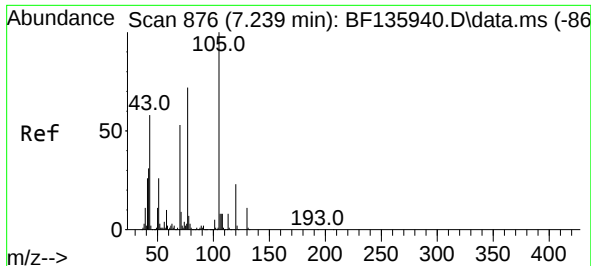
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#18
Hexachloroethane
Concen: 48.667 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:117 Resp: 208072
Ion Ratio Lower Upper
117 100
119 93.3 77.3 115.9
201 94.6 72.8 109.2





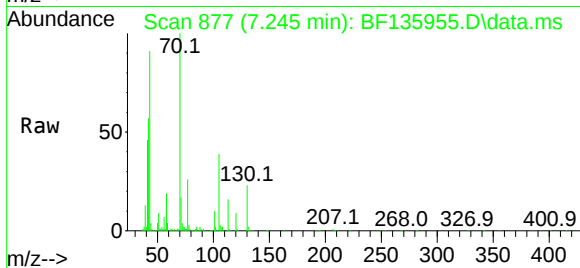
#19
n-Nitroso-di-n-propylamine
Concen: 44.923 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

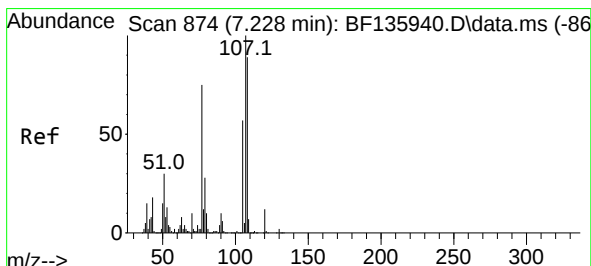
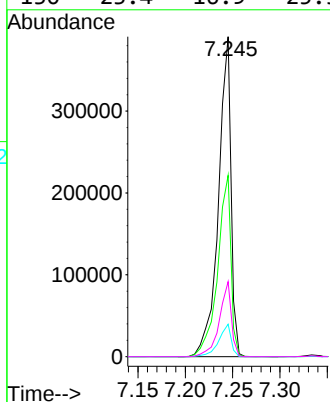
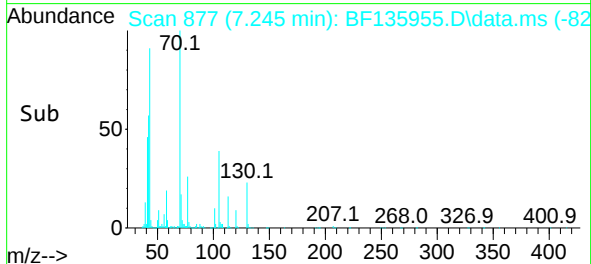
PB156472BS



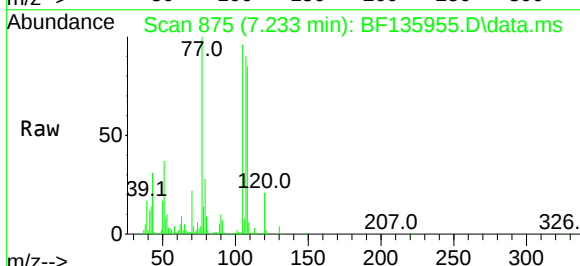
Tgt Ion: 70 Resp: 362100
Ion Ratio Lower Upper
70 100
42 56.6 47.3 70.9
101 10.2 7.8 11.8
130 23.4 16.9 25.3

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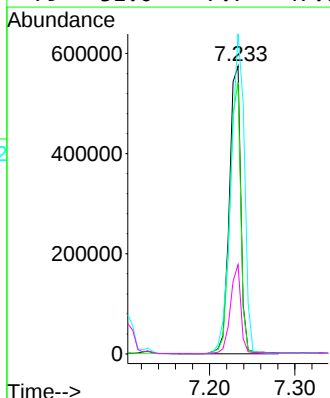
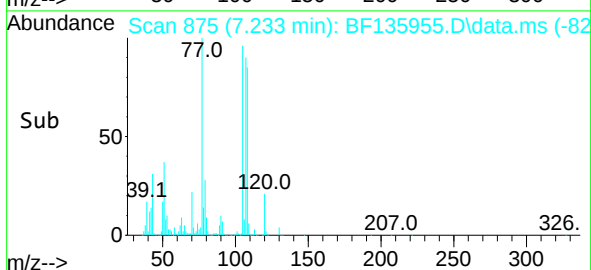
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

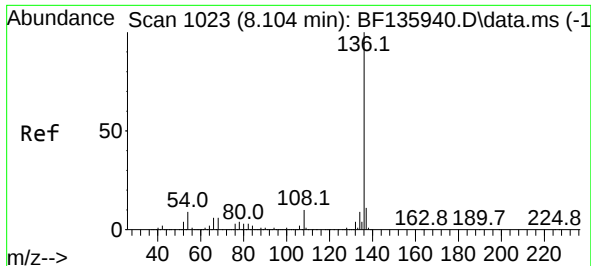


#20
3+4-Methylphenols
Concen: 42.728 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:107 Resp: 535708
Ion Ratio Lower Upper
107 100
108 94.4 69.1 109.1
77 111.3 55.0 95.0#
79 31.0 7.7 47.7





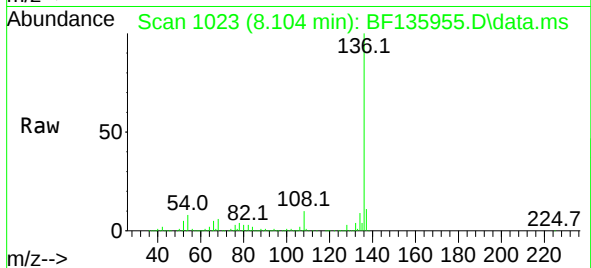
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

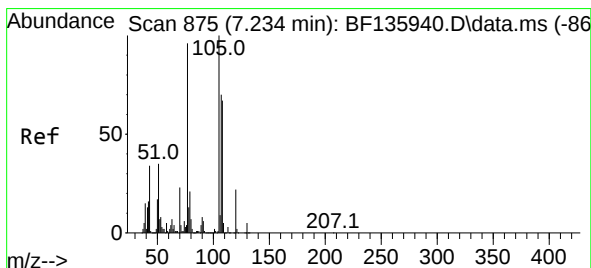
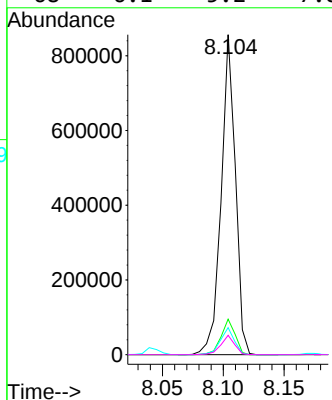
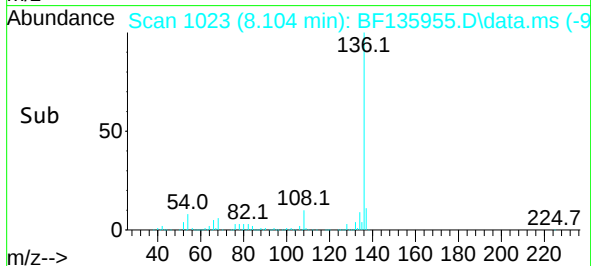
PB156472BS



Tgt Ion:136 Resp: 695768
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.4 7.1 10.7
68 6.1 5.2 7.8

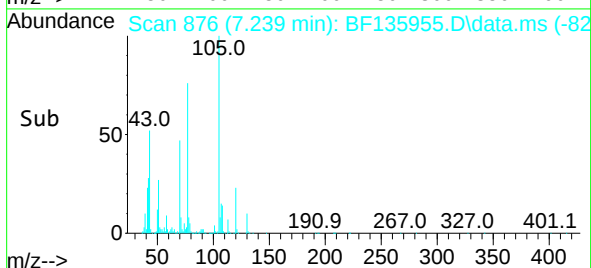
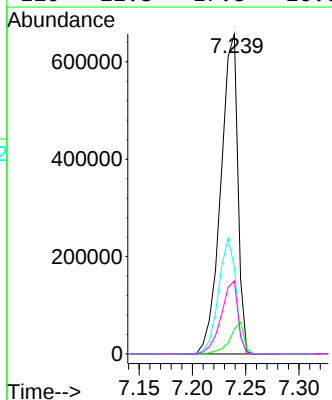
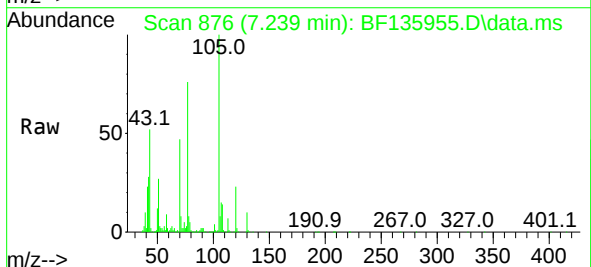
Manual Integrations
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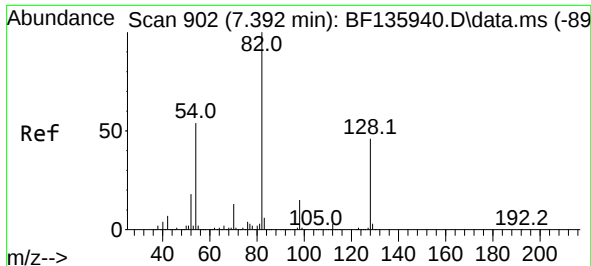
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 46.455 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:105 Resp: 730026
Ion Ratio Lower Upper
105 100
71 7.7 3.4 5.2#
51 27.0 28.4 42.6#
120 22.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 93.158 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

Tgt Ion: 82 Resp: 1015149

Ion Ratio Lower Upper

82 100

128 47.7 36.8 55.2

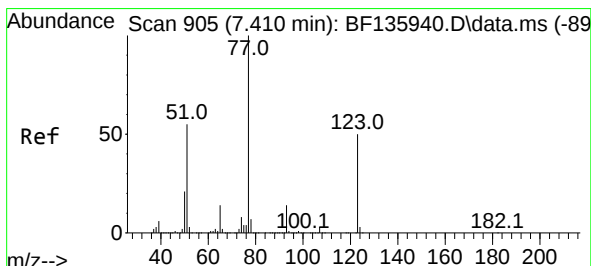
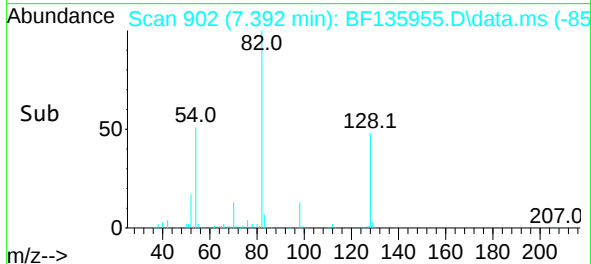
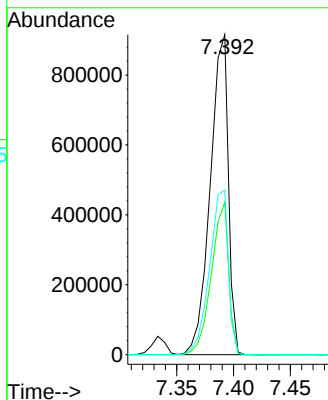
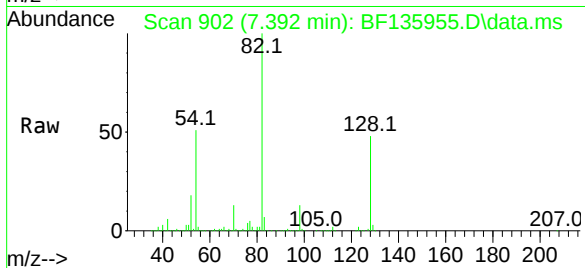
54 51.5 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#24

Nitrobenzene

Concen: 47.559 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

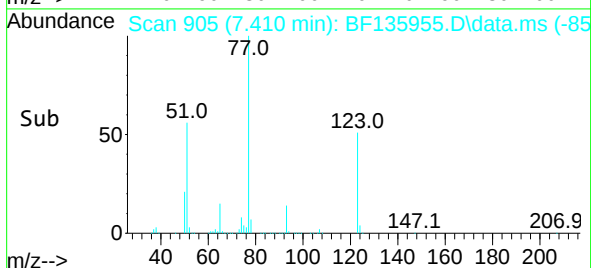
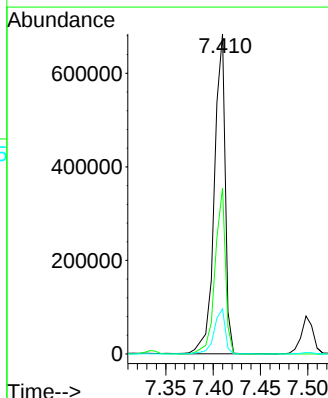
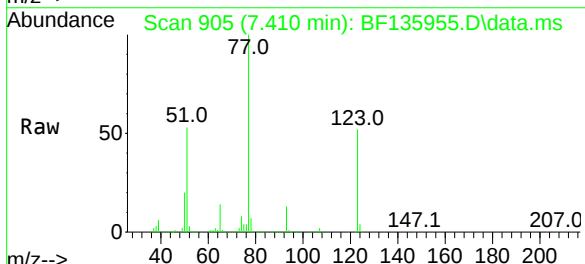
Tgt Ion: 77 Resp: 547703

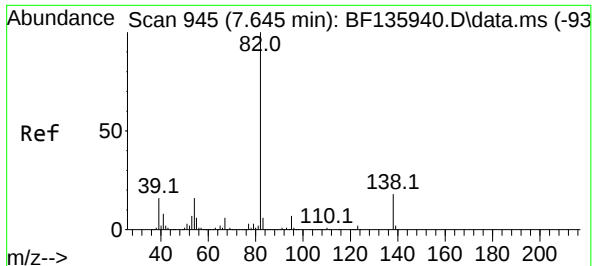
Ion Ratio Lower Upper

77 100

123 51.8 40.2 60.2

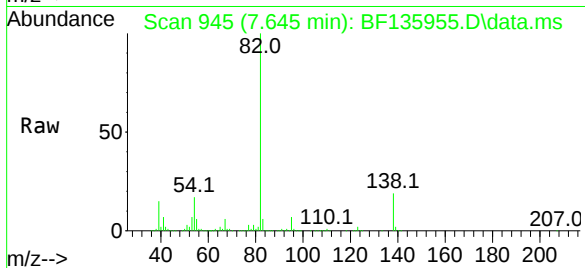
65 14.1 11.0 16.4





#25
Isophorone
Concen: 45.494 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

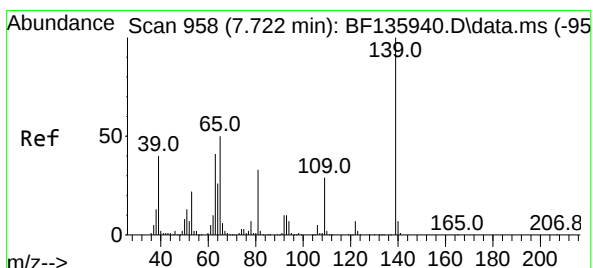
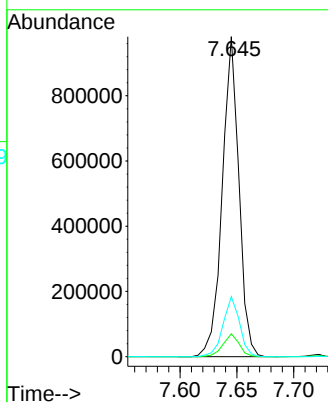
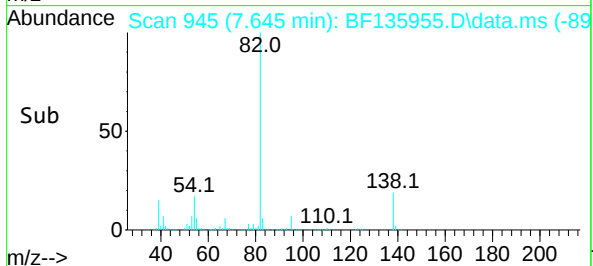
Instrument :
BNA_F
ClientSampleId :
PB156472BS



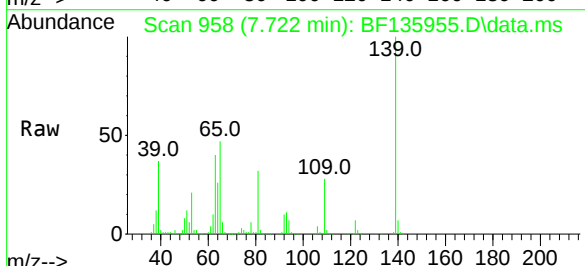
Tgt Ion: 82 Resp: 100054
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.7 14.8 22.2

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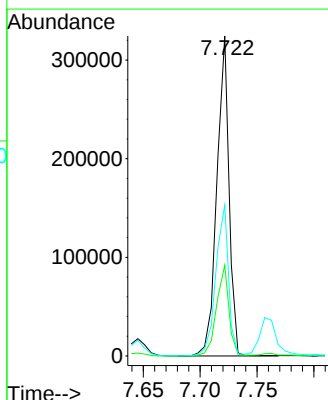
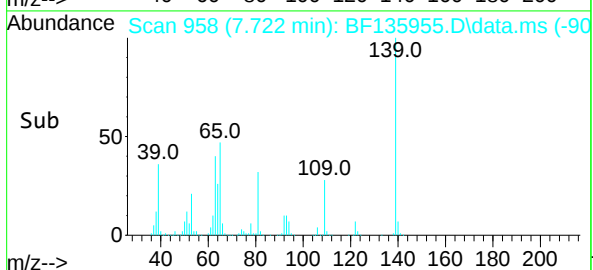
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

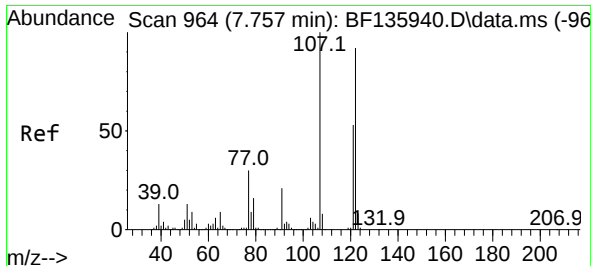


#26
2-Nitrophenol
Concen: 55.850 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:139 Resp: 242992
Ion Ratio Lower Upper
139 100
109 28.4 23.1 34.7
65 47.1 39.8 59.8





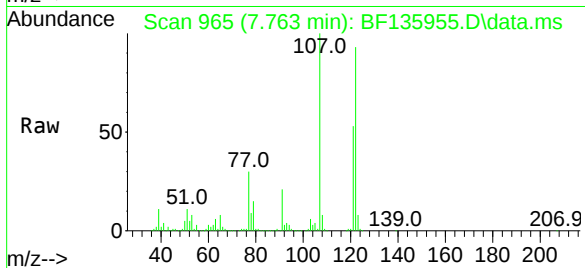
#27
2,4-Dimethylphenol
Concen: 44.713 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

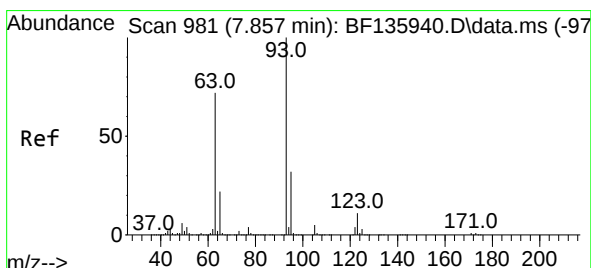
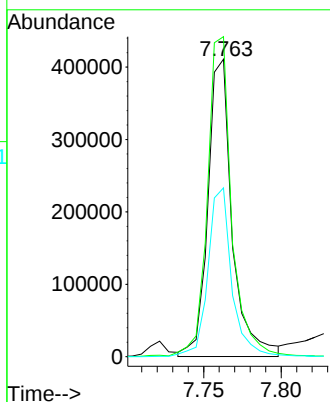
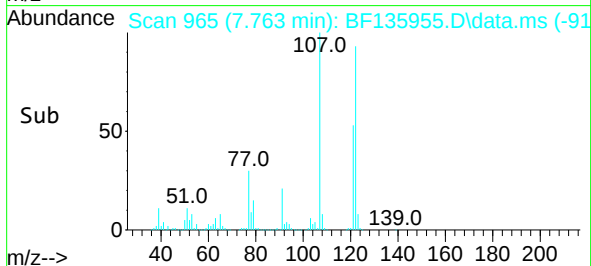


Tgt Ion:122 Resp: 448179
Ion Ratio Lower Upper
122 100
107 107.6 87.1 130.7
121 56.8 45.9 68.9

Manual Integrations

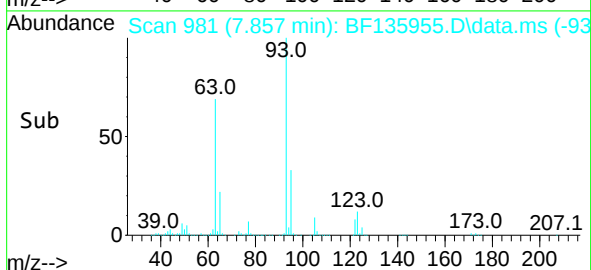
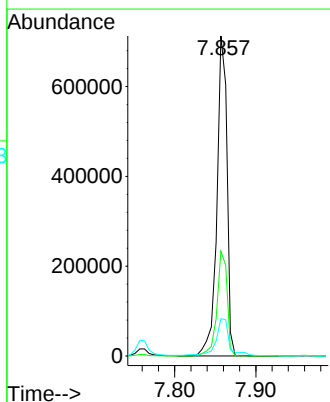
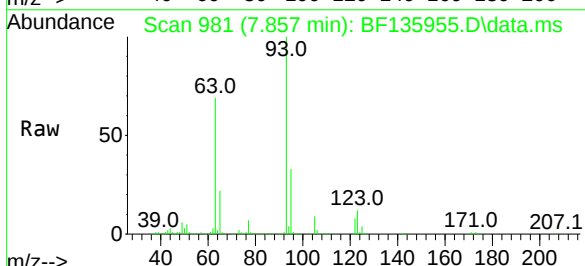
APPROVED

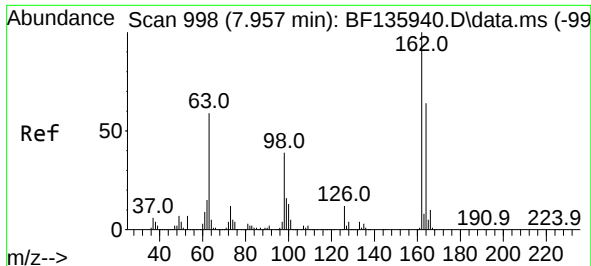
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.559 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion: 93 Resp: 615281
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.6 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 49.472 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

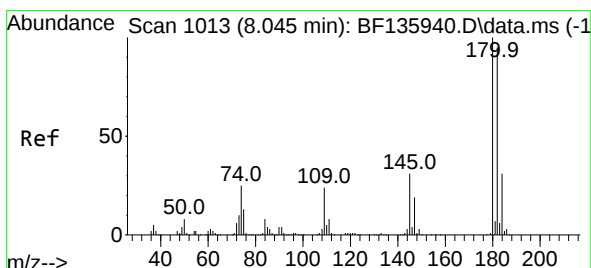
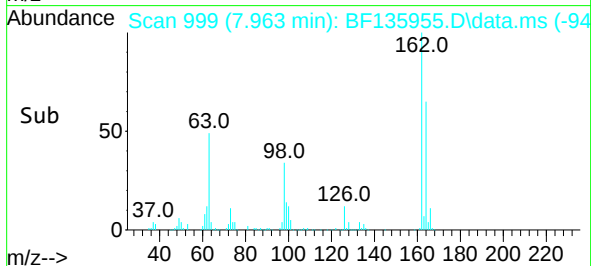
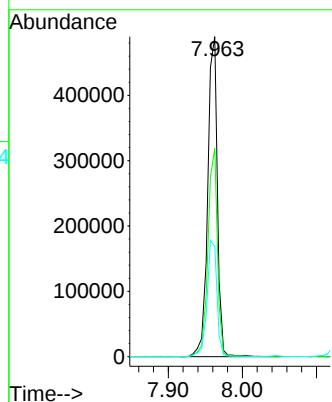
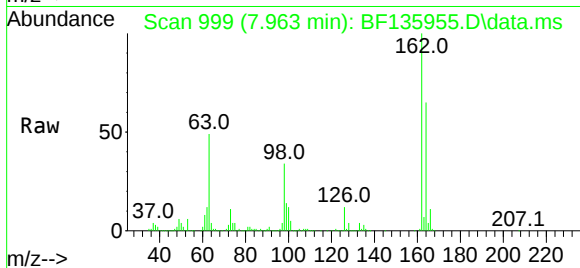
ClientSampleId :

PB156472BS

Tgt Ion:162 Resp: 444048
Ion Ratio Lower Upper
162 100
164 65.0 43.7 83.7
98 34.4 18.8 58.8

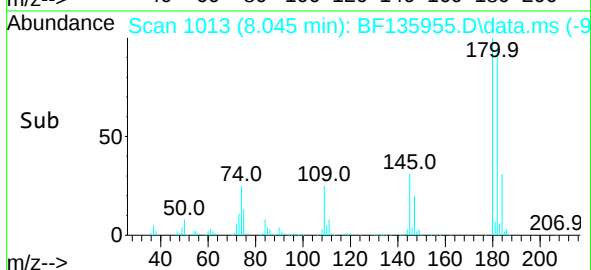
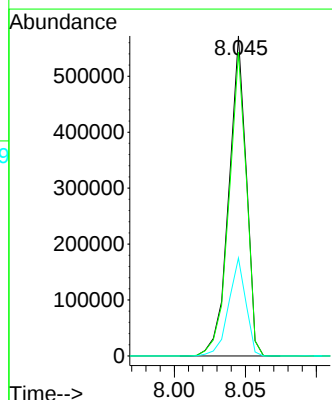
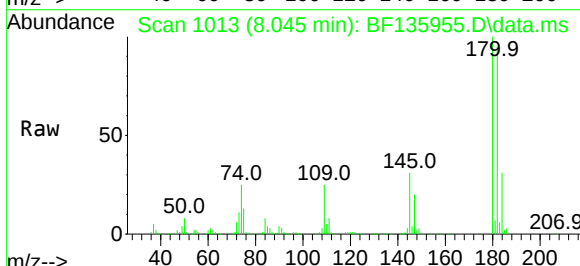
Manual Integrations
APPROVED

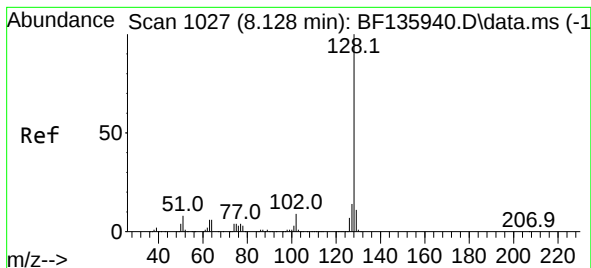
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.064 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:180 Resp: 488459
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 30.6 24.6 36.8





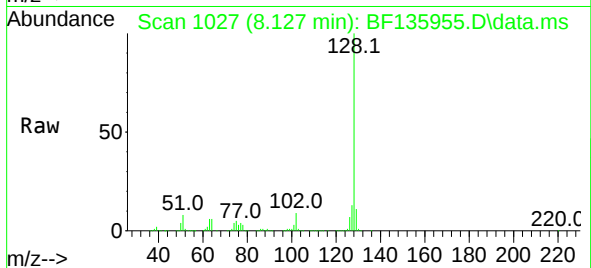
#31
Naphthalene
Concen: 45.831 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



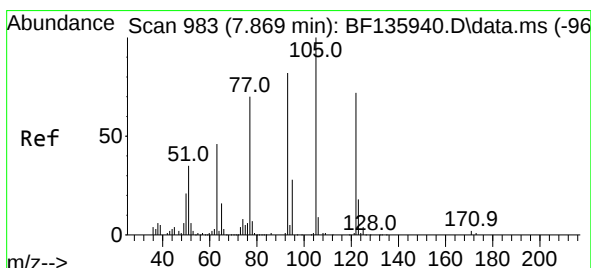
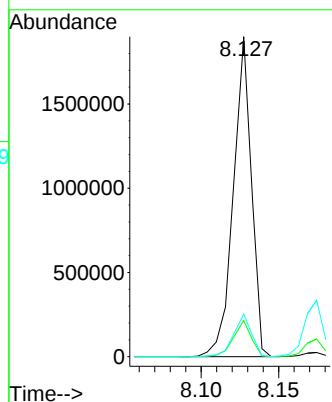
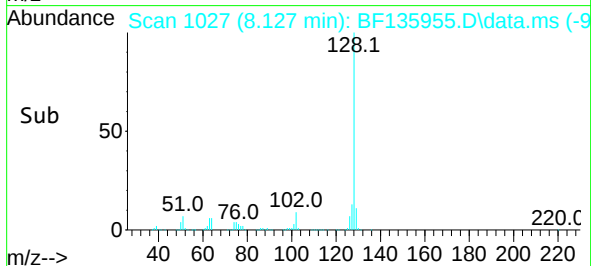
Tgt Ion:128 Resp: 1541690
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.9 16.3

Manual Integrations

APPROVED

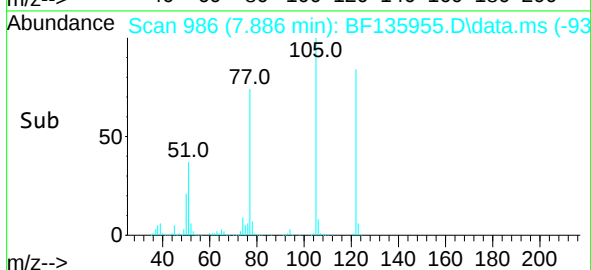
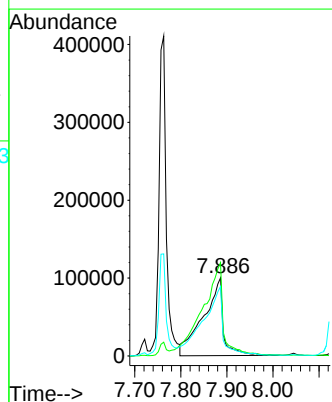
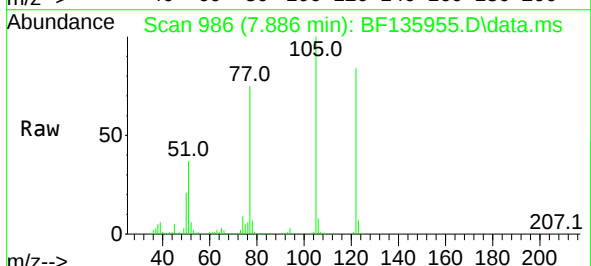
Reviewed By :Yogesh Patel 10/26/2023

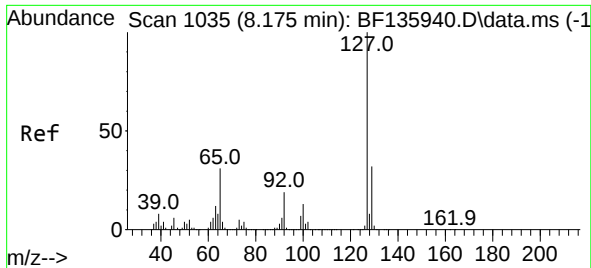
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 56.298 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:122 Resp: 299889
Ion Ratio Lower Upper
122 100
105 119.5 113.1 153.1
77 89.1 75.2 115.2





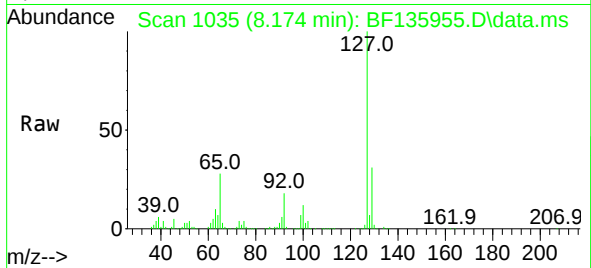
#33
4-Chloroaniline
Concen: 19.361 ng
RT: 8.174 min Scan# 1035
Delta R.T. -0.001 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

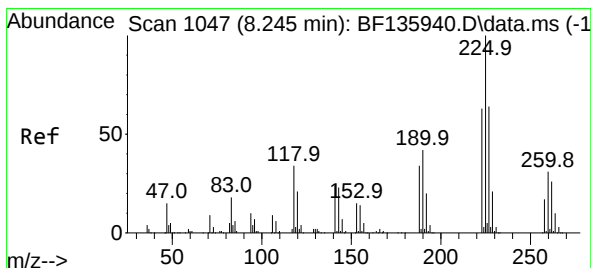
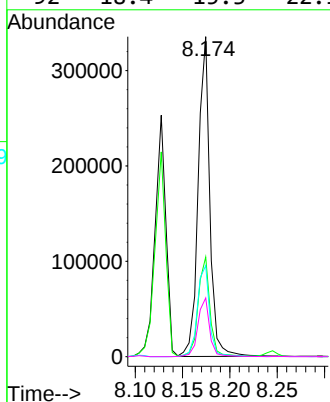
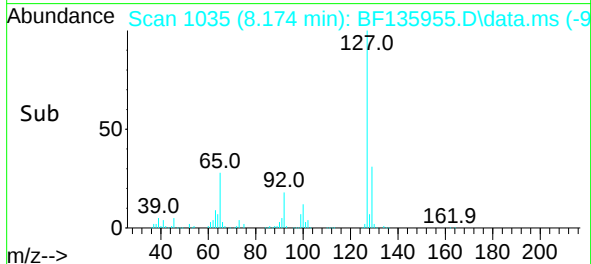


Tgt Ion:127 Resp: 287850
Ion Ratio Lower Upper
127 100
129 31.2 25.7 38.5
65 28.5 24.8 37.2
92 18.4 15.3 22.9

Manual Integrations

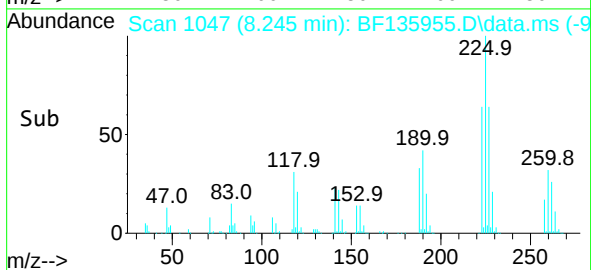
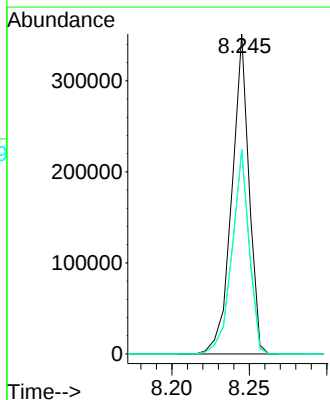
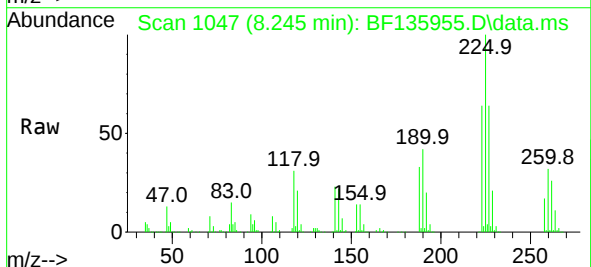
APPROVED

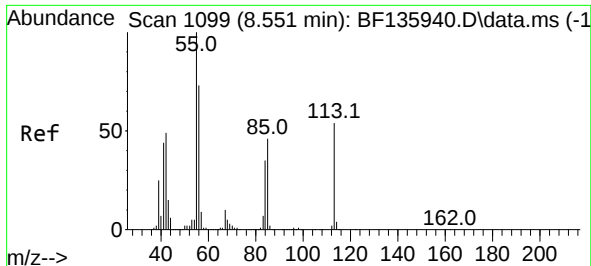
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#34
Hexachlorobutadiene
Concen: 47.192 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

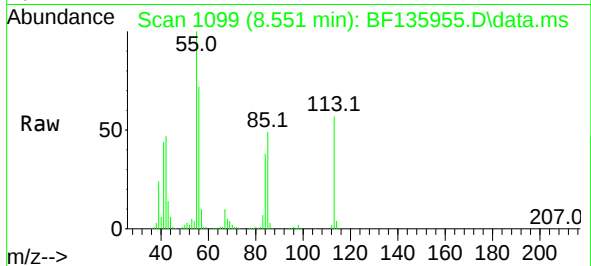
Tgt Ion:225 Resp: 270322
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 64.1 50.9 76.3





#35
Caprolactam
Concen: 52.092 ng m
RT: 8.551 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

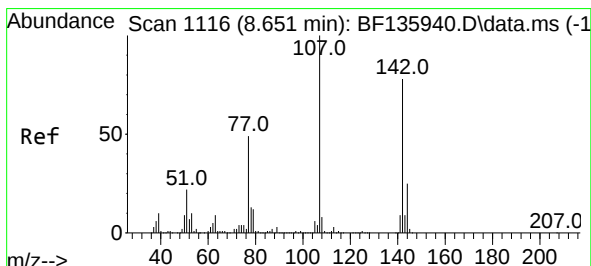
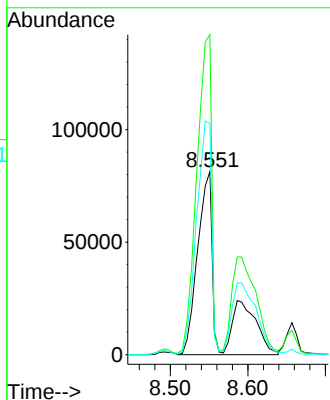
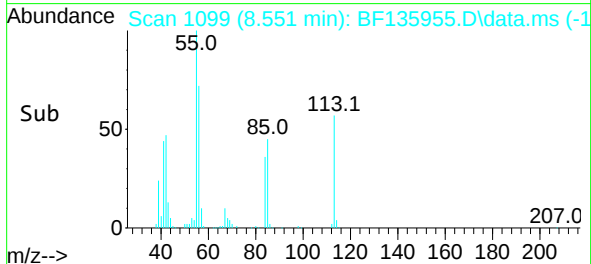
Instrument :
BNA_F
ClientSampleId :
PB156472BS



Tgt Ion:113 Resp: 15559
Ion Ratio Lower Upper
113 100
55 174.9 165.4 205.4
56 126.2 115.2 155.2

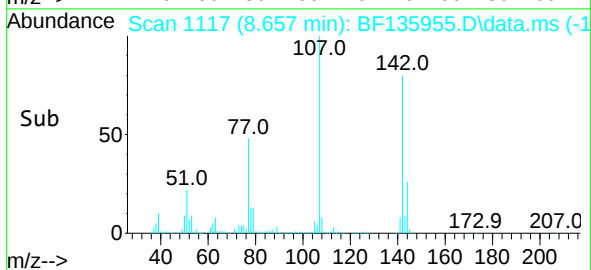
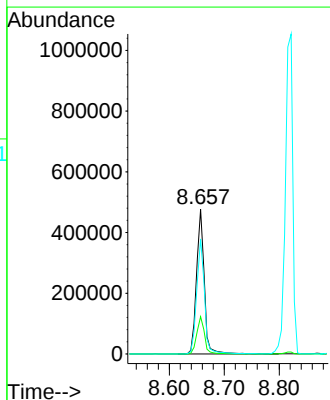
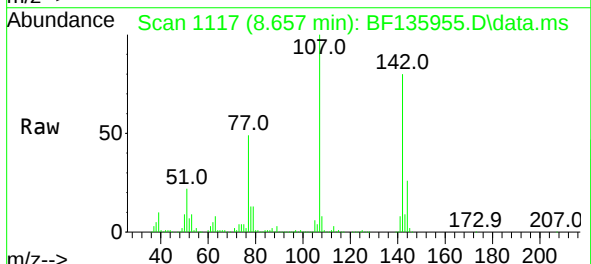
Manual Integrations
APPROVED

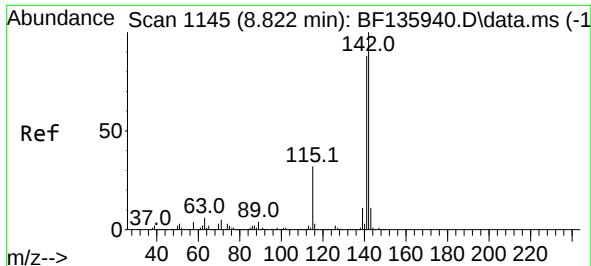
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#36
4-Chloro-3-methylphenol
Concen: 48.984 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:107 Resp: 467234
Ion Ratio Lower Upper
107 100
144 25.8 19.9 29.9
142 79.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.604 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

Tgt Ion:142 Resp: 97048

Ion Ratio Lower Upper

142 100

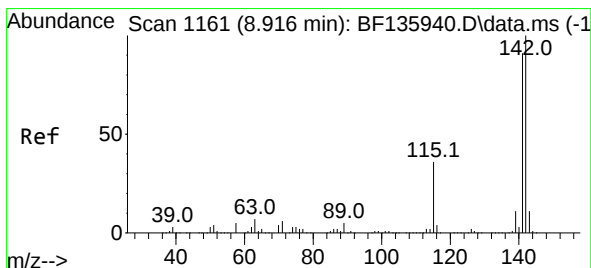
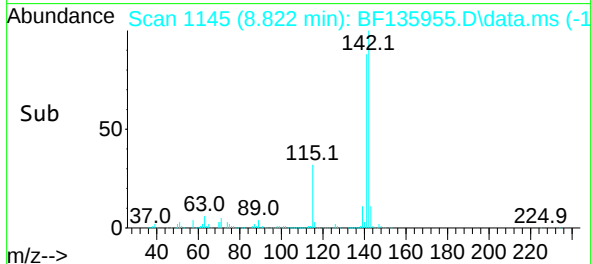
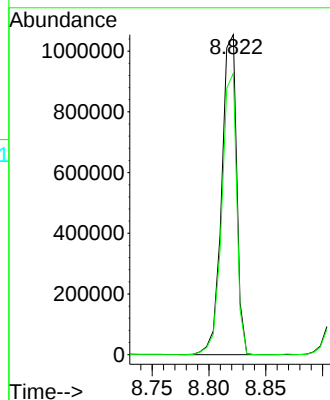
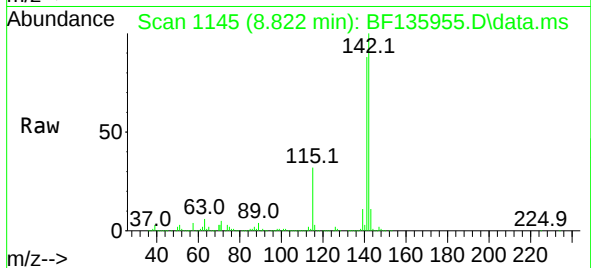
141 87.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#38

1-Methylnaphthalene

Concen: 45.458 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF135955.D

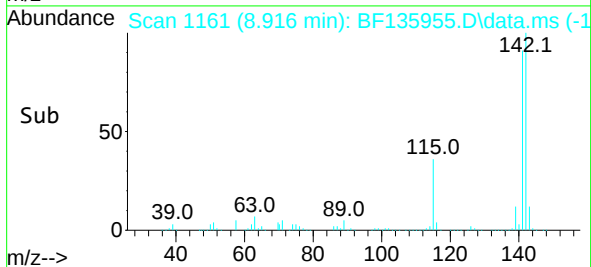
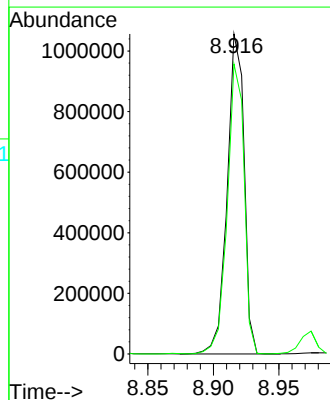
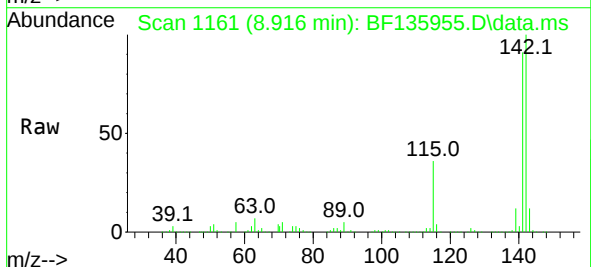
Acq: 25 Oct 2023 22:32

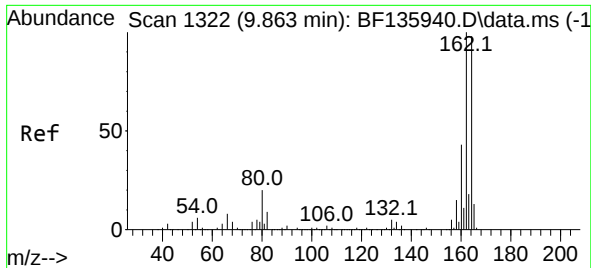
Tgt Ion:142 Resp: 945375

Ion Ratio Lower Upper

142 100

141 90.6 73.1 109.7





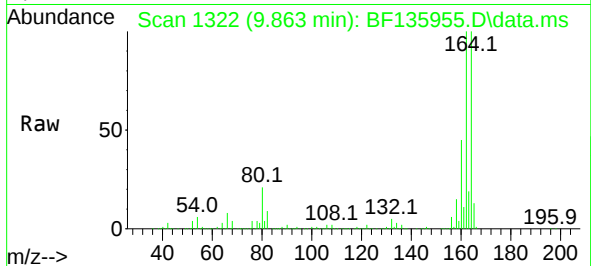
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

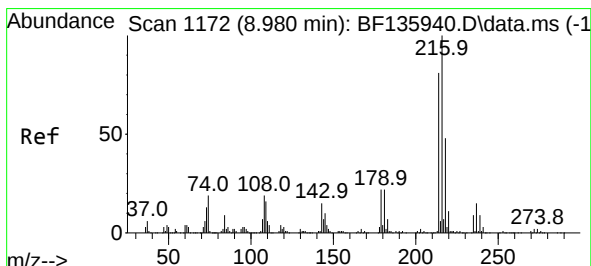
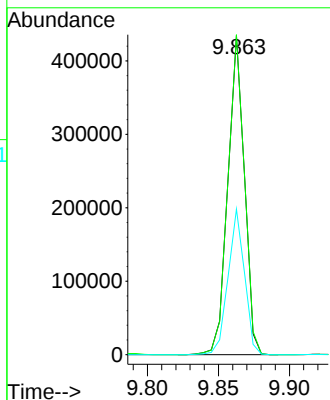
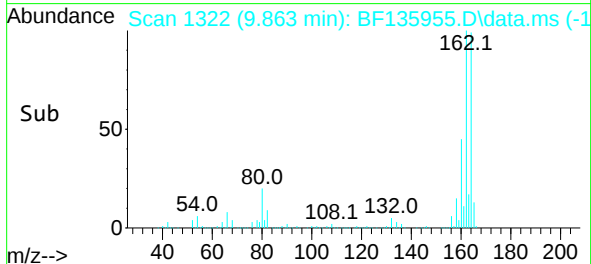
PB156472BS



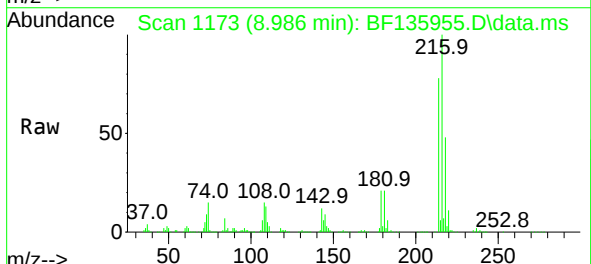
Tgt Ion:164 Resp: 351428
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 45.6 35.6 53.4

Manual Integrations
APPROVED

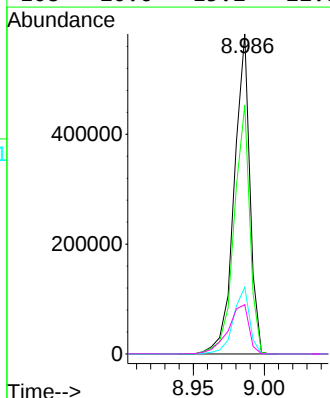
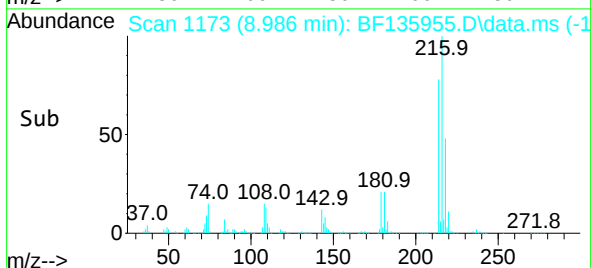
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

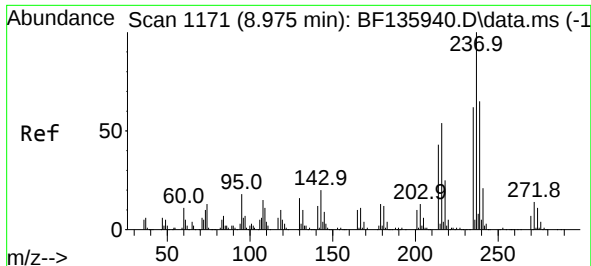


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.194 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



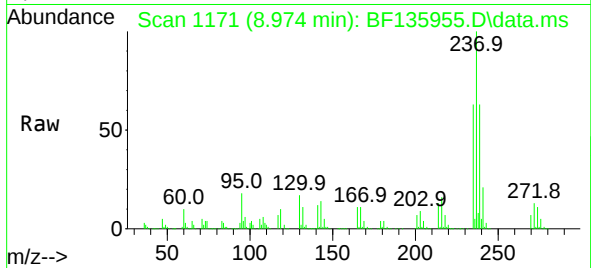
Tgt Ion:216 Resp: 448580
Ion Ratio Lower Upper
216 100
214 78.1 63.3 94.9
179 21.4 17.3 25.9
108 20.6 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 108.316 ng
RT: 8.974 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

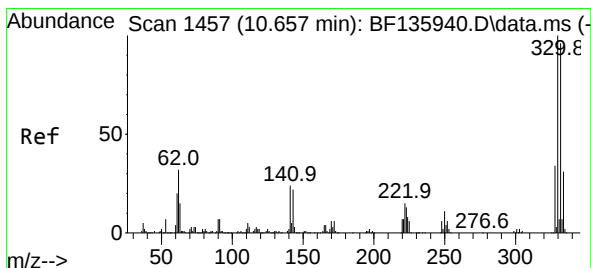
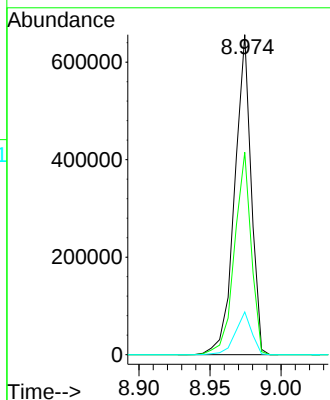
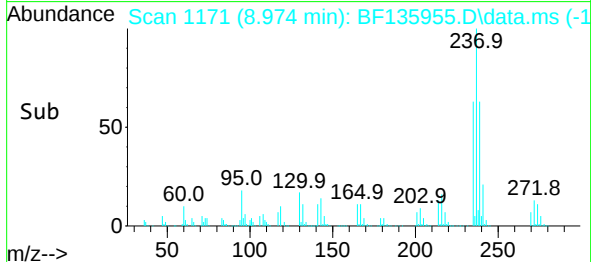
Instrument :
BNA_F
ClientSampleId :
PB156472BS



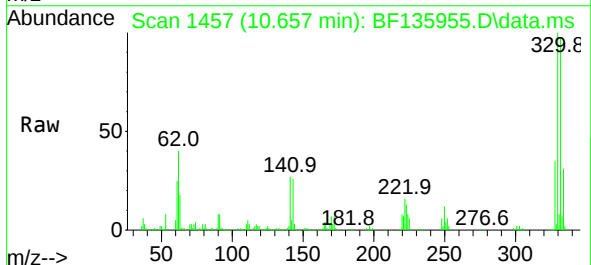
Tgt Ion:237 Resp: 530125
Ion Ratio Lower Upper
237 100
235 63.2 41.7 81.7
272 13.3 0.0 33.6

Manual Integrations
APPROVED

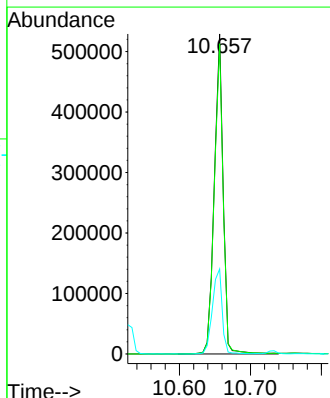
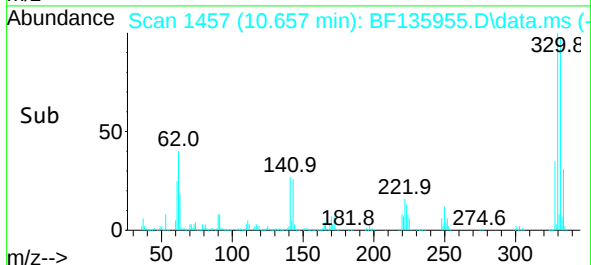
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

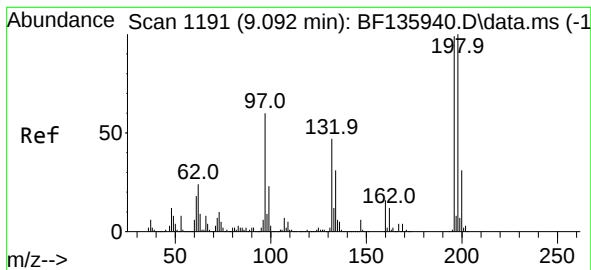


#42
2,4,6-Tribromophenol
Concen: 148.862 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:330 Resp: 457905
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 29.5 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 49.302 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

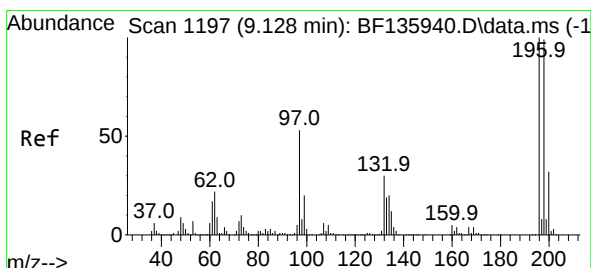
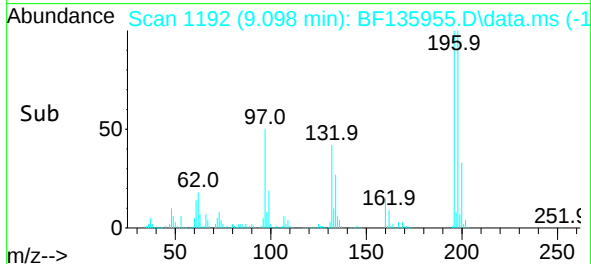
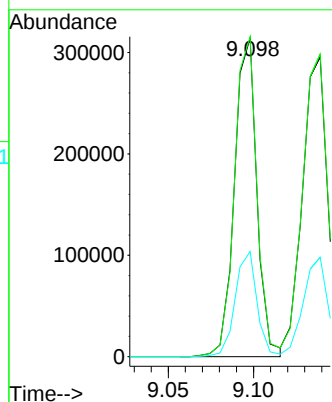
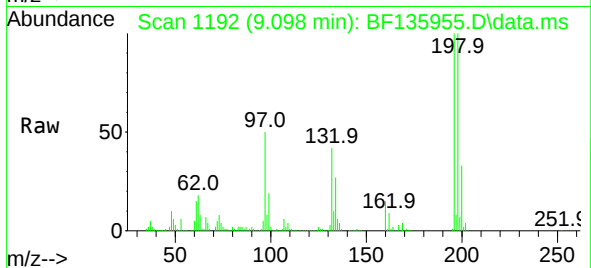
Tgt Ion:196 Resp: 286415
 Ion Ratio Lower Upper
 196 100
 198 100.4 81.0 121.4
 200 33.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#44

2,4,5-Trichlorophenol

Concen: 47.750 ng

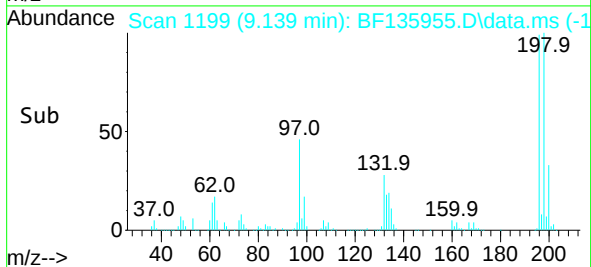
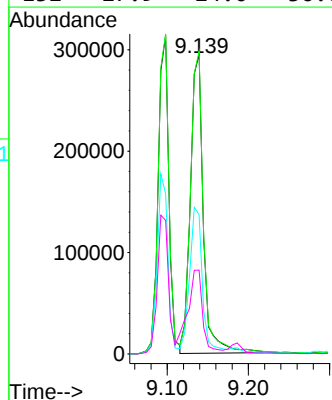
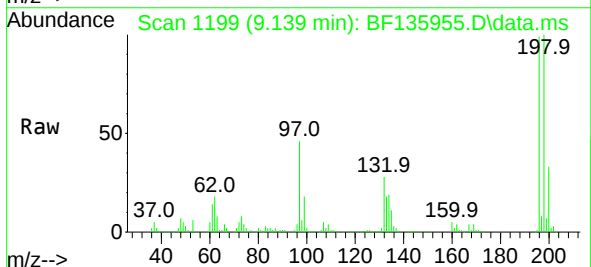
RT: 9.139 min Scan# 1199

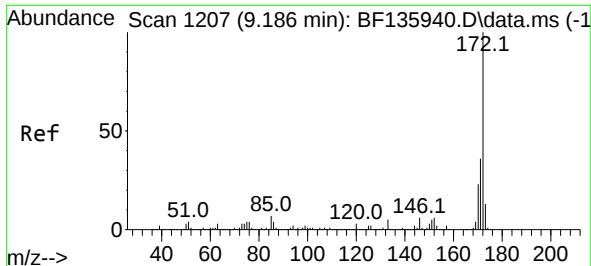
Delta R.T. 0.012 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Tgt Ion:196 Resp: 329358
 Ion Ratio Lower Upper
 196 100
 198 100.9 79.1 118.7
 97 46.4 42.3 63.5
 132 27.9 24.0 36.0





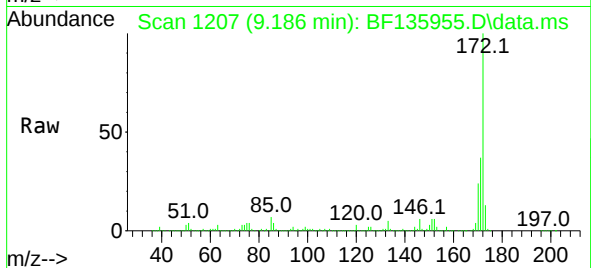
#45
2-Fluorobiphenyl
Concen: 83.853 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

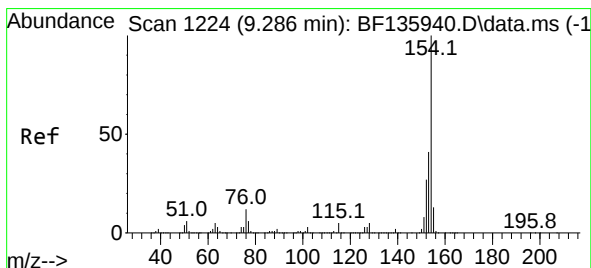
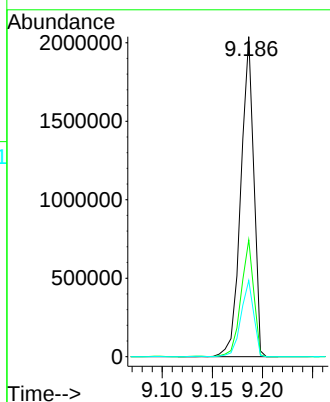
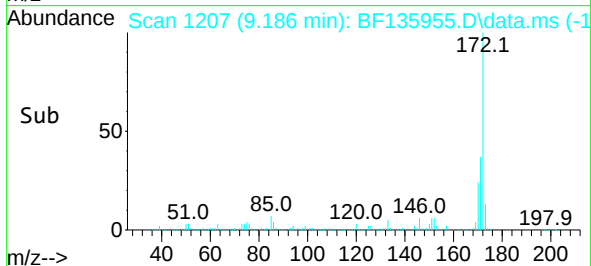
PB156472BS



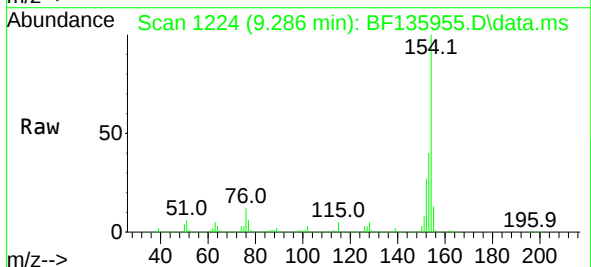
Tgt Ion:172 Resp: 1840338
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.8 18.6 28.0

Manual Integrations
APPROVED

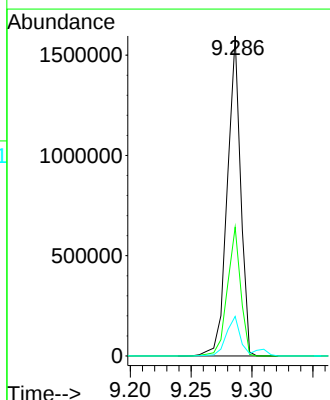
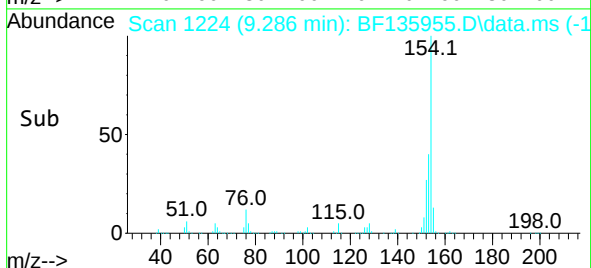
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

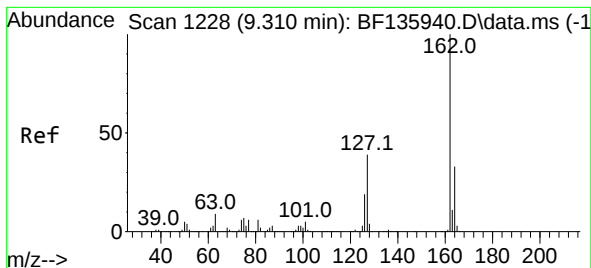


#46
1,1'-Biphenyl
Concen: 45.485 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:154 Resp: 1211195
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 12.4 0.0 32.4





#47

2-Chloronaphthalene

Concen: 46.955 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

Tgt Ion:162 Resp: 924850

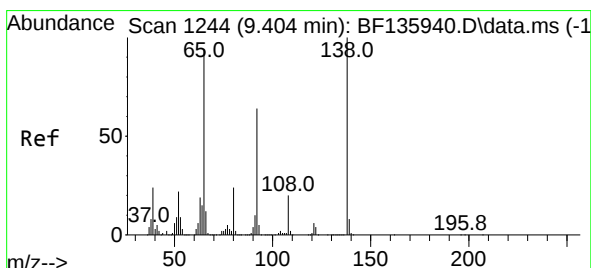
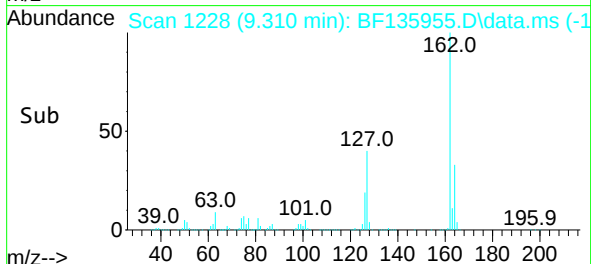
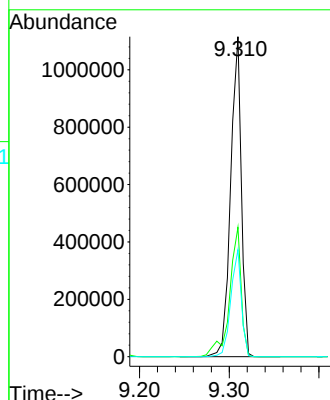
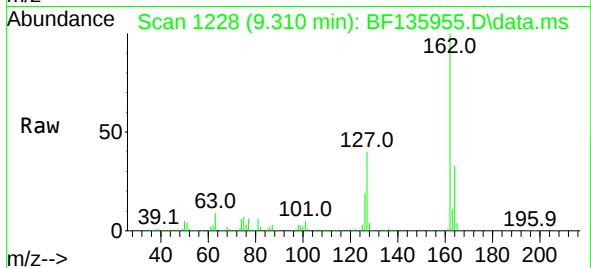
Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.0	46.4
164	33.4	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#48

2-Nitroaniline

Concen: 50.927 ng

RT: 9.404 min Scan# 1244

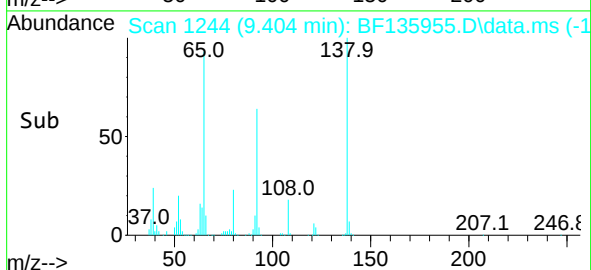
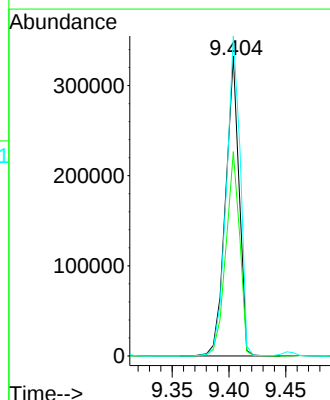
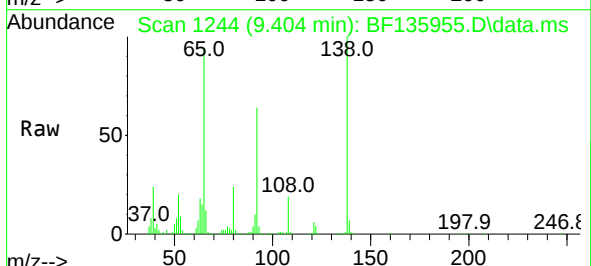
Delta R.T. -0.000 min

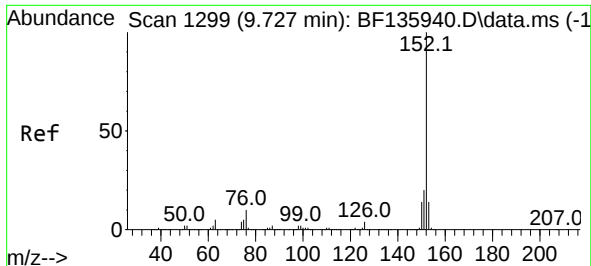
Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Tgt Ion: 65 Resp: 277815

Ion	Ratio	Lower	Upper
65	100		
92	68.2	54.9	82.3
138	106.8	85.2	127.8





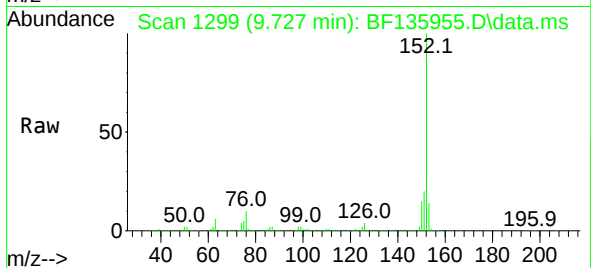
#49
Acenaphthylene
Concen: 47.339 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

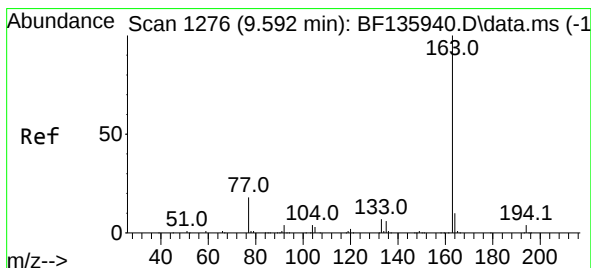
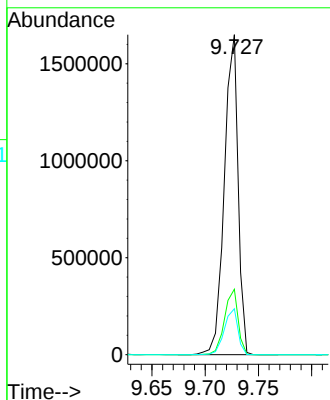
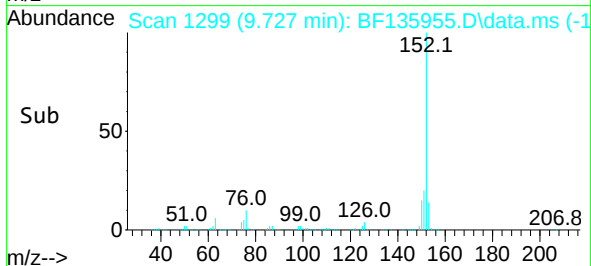
PB156472BS



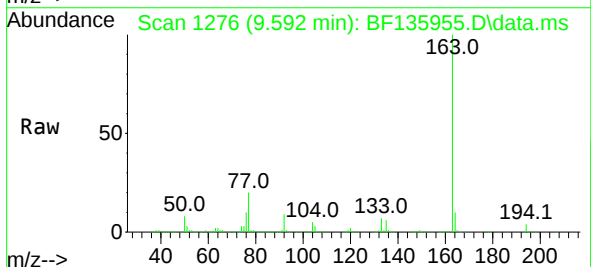
Tgt Ion:152 Resp: 147095
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.3 11.0 16.6

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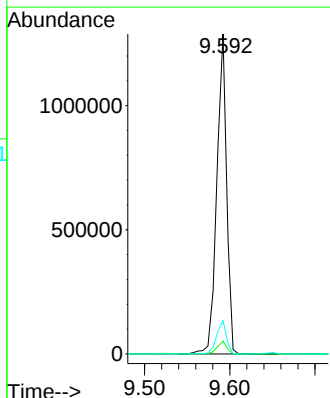
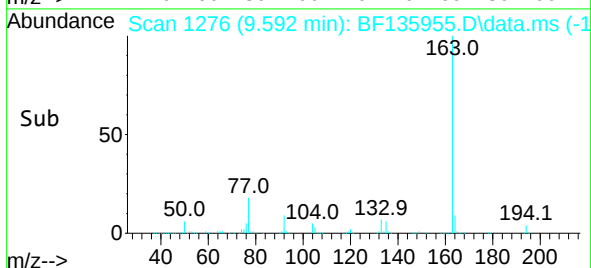
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

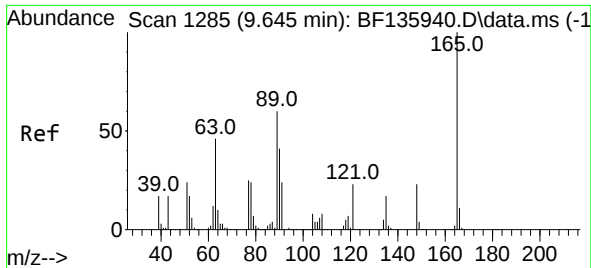


#50
Dimethylphthalate
Concen: 45.239 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



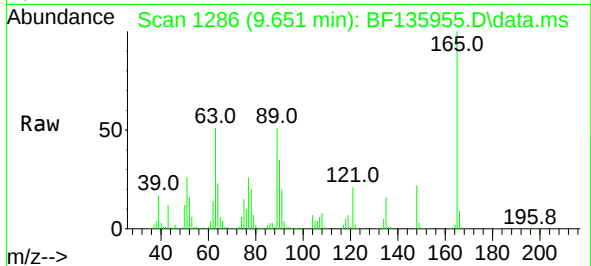
Tgt Ion:163 Resp: 1030988
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.600 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

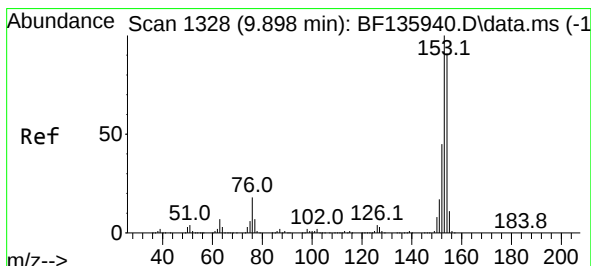
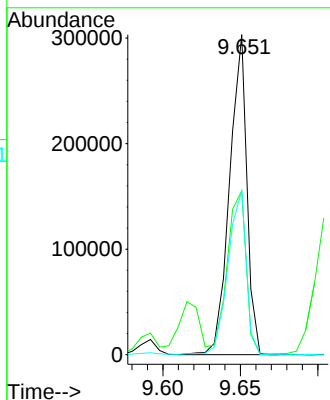
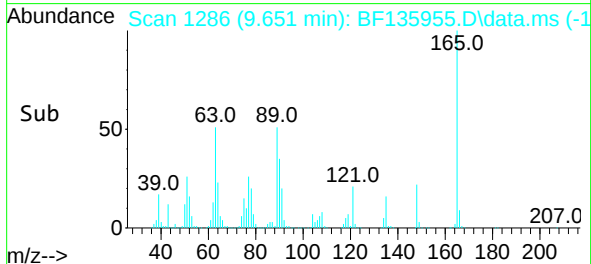
Instrument :
BNA_F
Client Sample Id :
PB156472BS



Tgt Ion:165 Resp: 235200
Ion Ratio Lower Upper
165 100
63 51.2 51.7 77.5
89 51.2 48.3 72.5

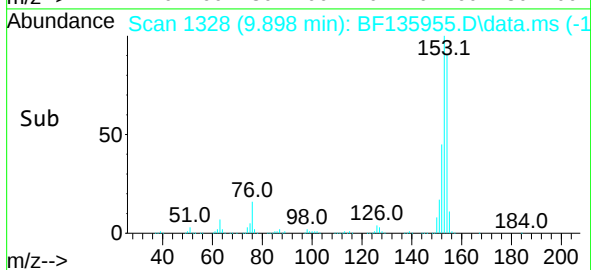
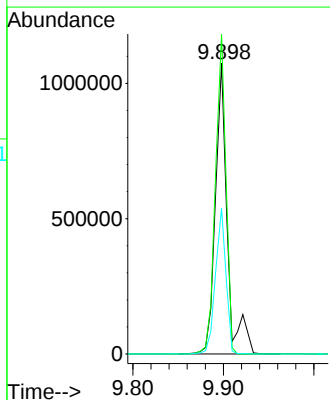
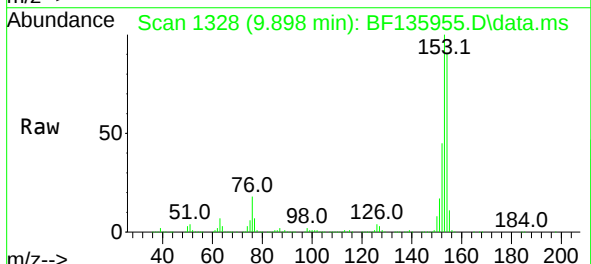
Manual Integrations
APPROVED

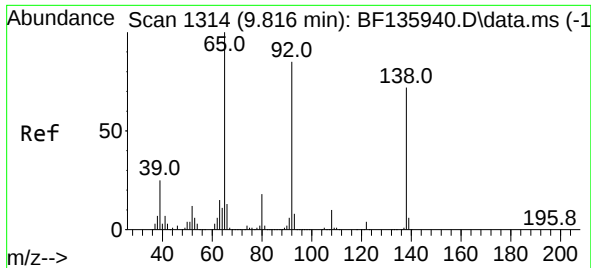
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#52
Acenaphthene
Concen: 49.318 ng m
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:154 Resp: 982115
Ion Ratio Lower Upper
154 100
153 110.2 88.0 132.0
152 50.1 39.4 59.2





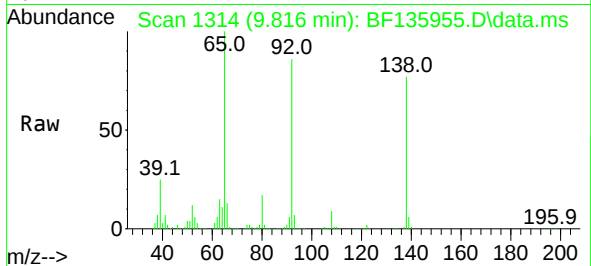
#53
3-Nitroaniline
Concen: 34.938 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



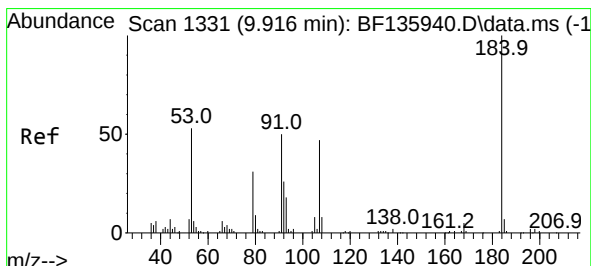
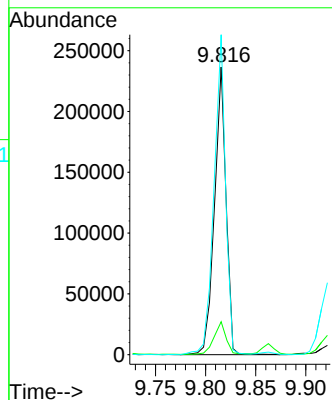
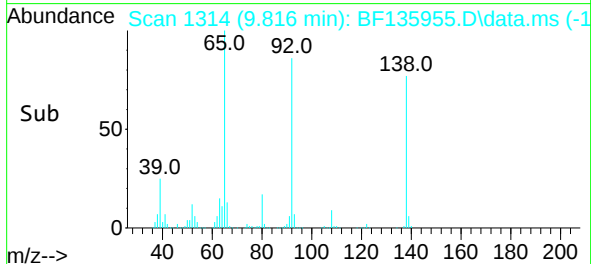
Tgt Ion:138 Resp: 18976
Ion Ratio Lower Upper
138 100
108 11.5 11.3 16.9
92 111.3 95.0 142.6

Manual Integrations

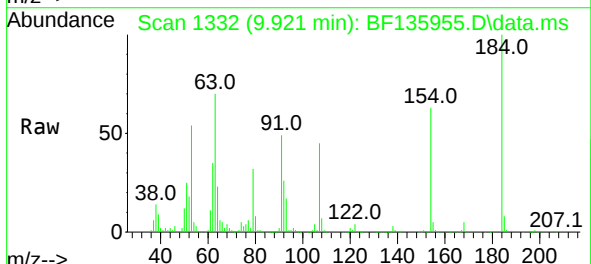
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

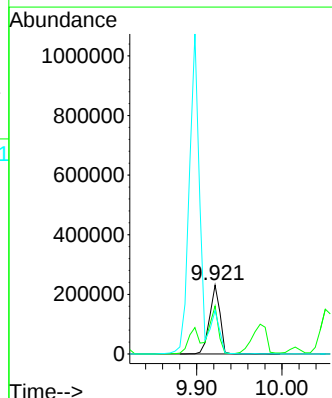
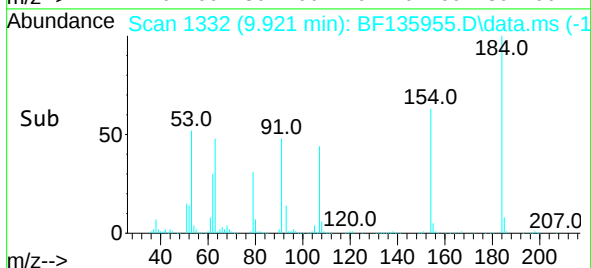
Supervised By :mohammad ahmed 10/26/2023

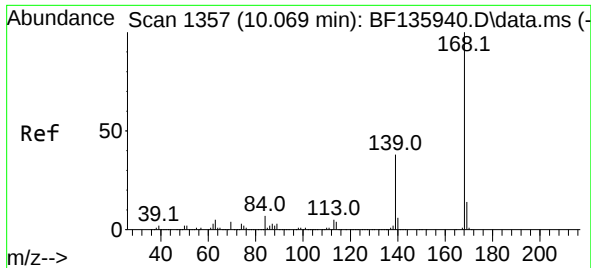


#54
2,4-Dinitrophenol
Concen: 94.265 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



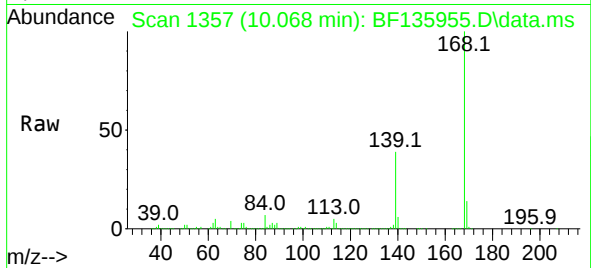
Tgt Ion:184 Resp: 195759
Ion Ratio Lower Upper
184 100
63 69.8 56.3 84.5
154 63.0 48.1 72.1





#55
Dibenzenofuran
Concen: 45.138 ng
RT: 10.068 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

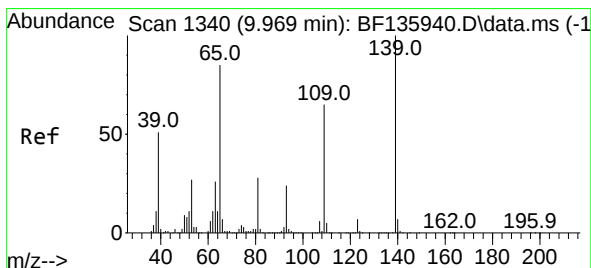
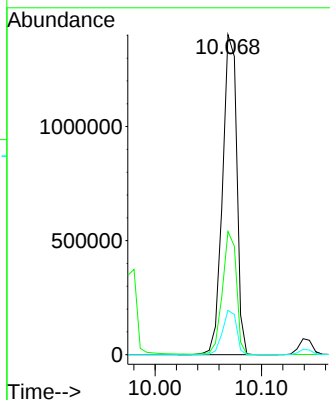
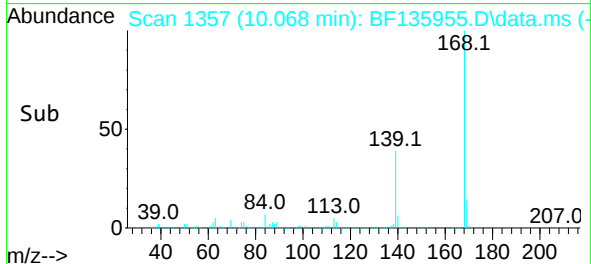
Instrument :
BNA_F
ClientSampleId :
PB156472BS



Tgt Ion:168 Resp: 1298564
Ion Ratio Lower Upper
168 100
139 38.5 30.7 46.1
169 13.8 11.1 16.7

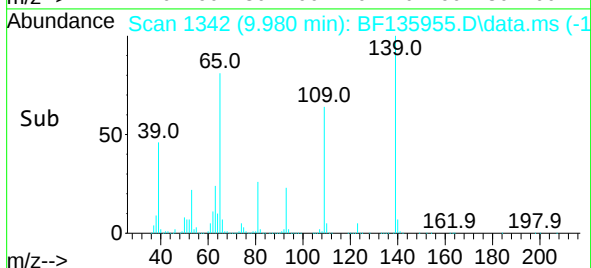
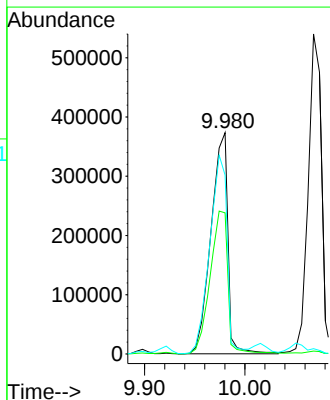
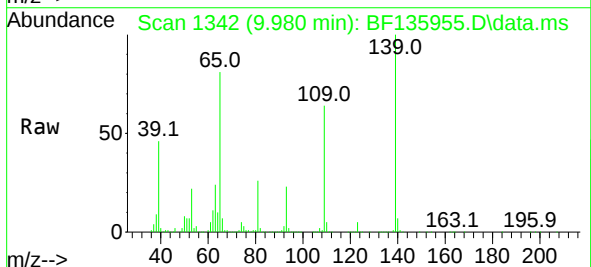
Manual Integrations
APPROVED

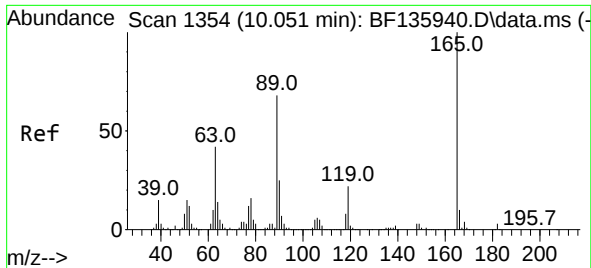
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 94.062 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:139 Resp: 437864
Ion Ratio Lower Upper
139 100
109 63.8 45.2 85.2
65 80.8 65.1 105.1





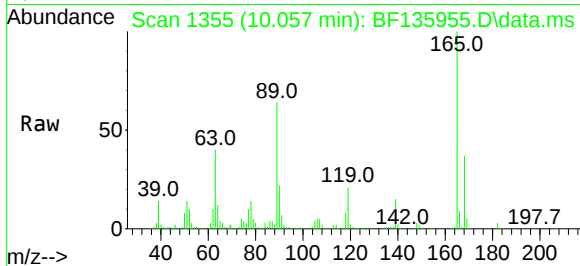
#57
2,4-Dinitrotoluene
Concen: 52.634 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

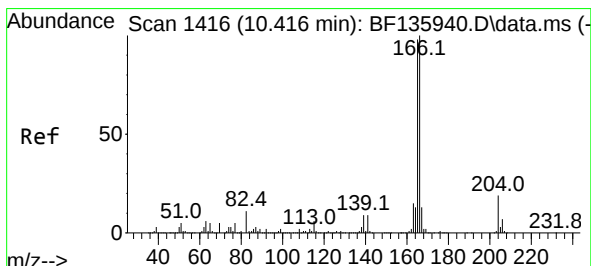
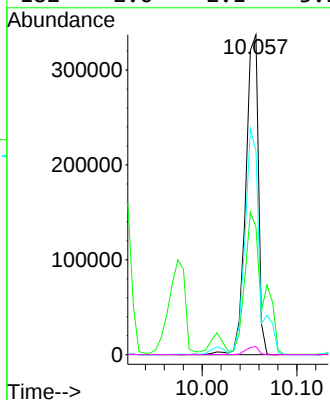
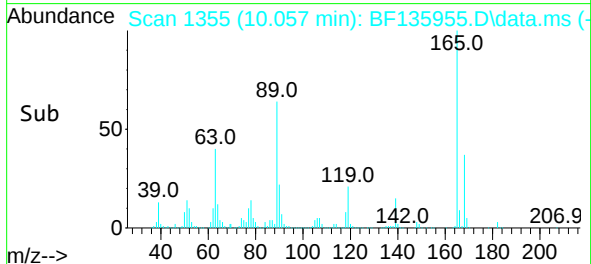


Tgt Ion:165 Resp: 311560
Ion Ratio Lower Upper
165 100
63 39.8 33.7 50.5
89 63.8 54.6 81.8
182 2.6 2.1 3.1

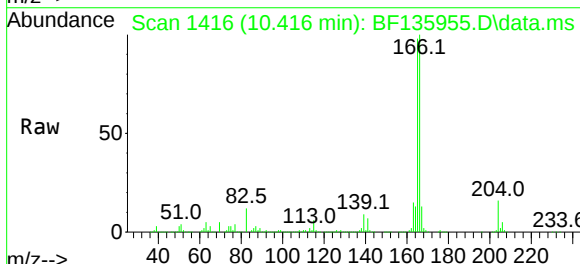
Manual Integrations

APPROVED

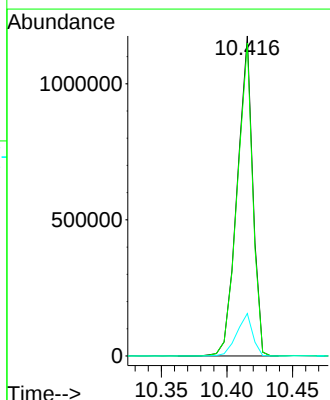
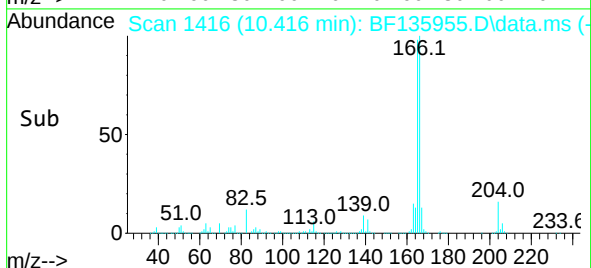
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

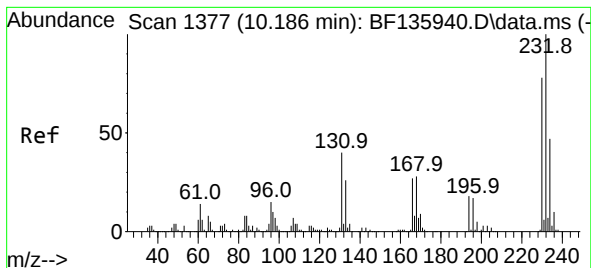


#58
Fluorene
Concen: 45.185 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:166 Resp: 972510
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.2 10.6 16.0





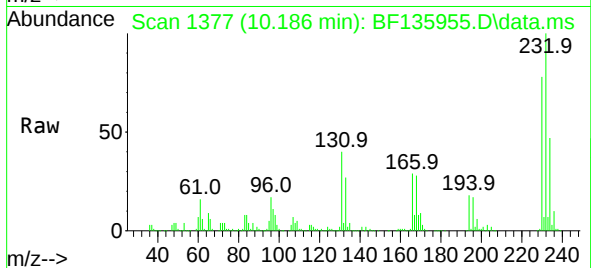
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.678 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



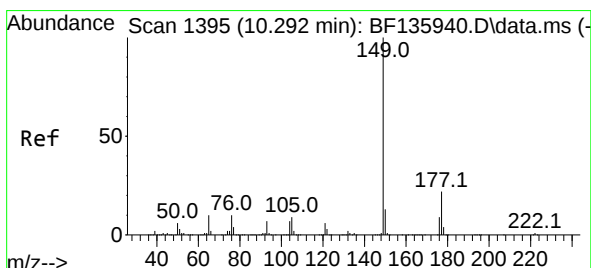
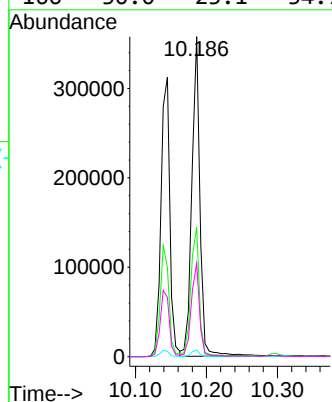
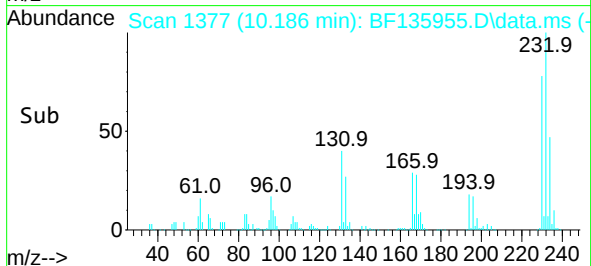
Tgt Ion:232 Resp: 283798
Ion Ratio Lower Upper
232 100
131 43.2 35.2 52.8
130 2.1 1.7 2.5
166 30.0 23.1 34.7

Manual Integrations

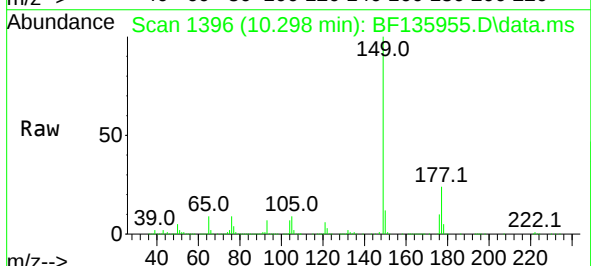
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

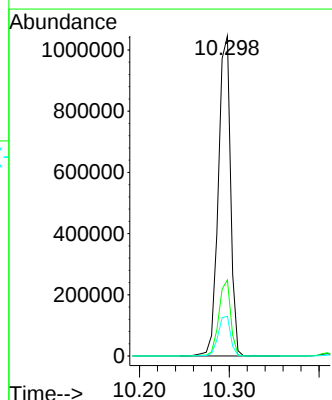
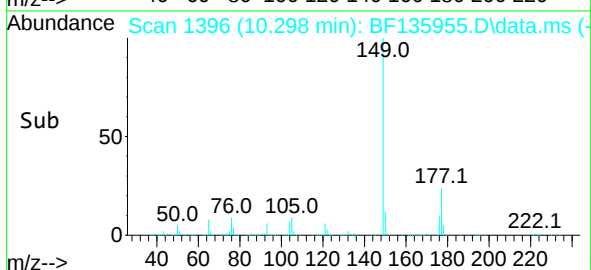
Supervised By :mohammad ahmed 10/26/2023

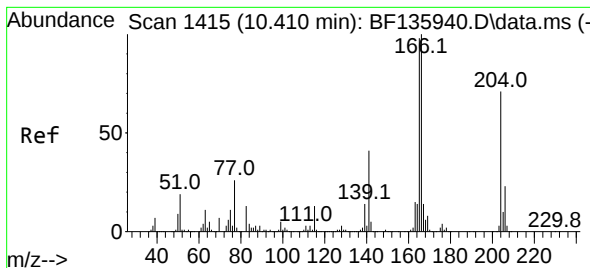


#60
Diethylphthalate
Concen: 45.352 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:149 Resp: 985597
Ion Ratio Lower Upper
149 100
177 23.8 17.9 26.9
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.724 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

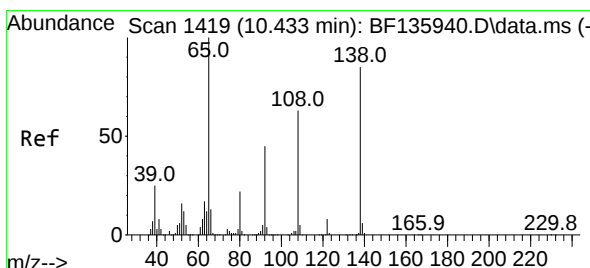
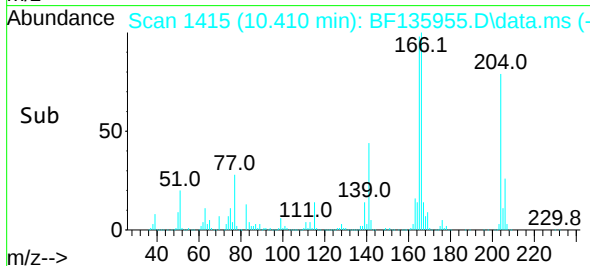
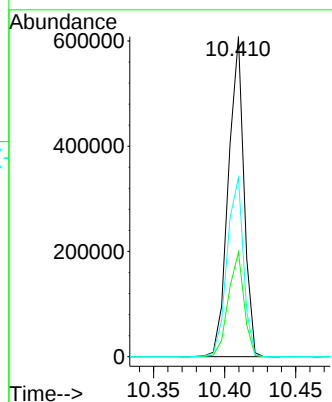
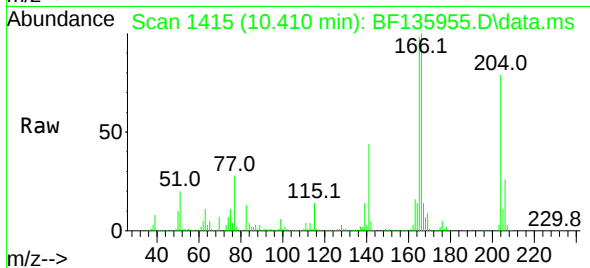
ClientSampleId :

PB156472BS

Tgt Ion:204 Resp: 46433
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 56.0 46.2 69.2

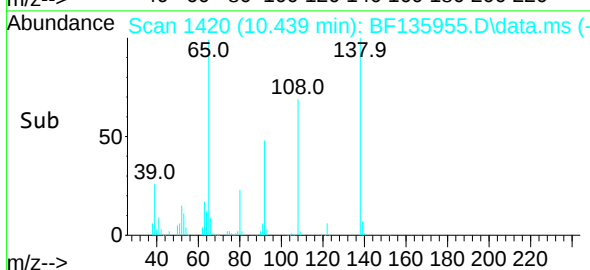
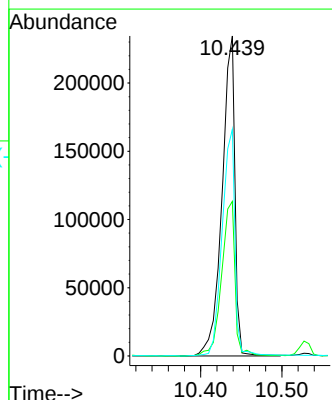
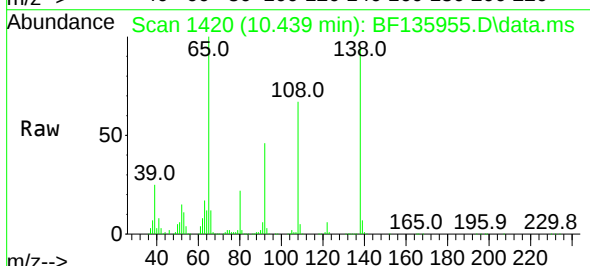
Manual Integrations
APPROVED

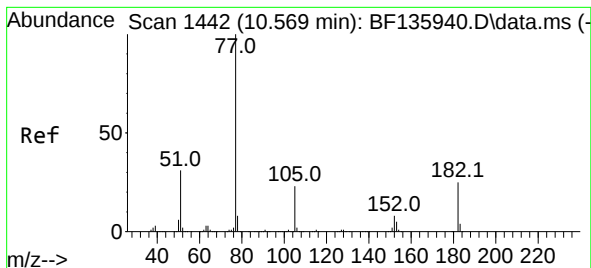
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#62
4-Nitroaniline
Concen: 46.547 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:138 Resp: 259692
Ion Ratio Lower Upper
138 100
92 48.3 32.9 72.9
108 70.8 53.5 93.5





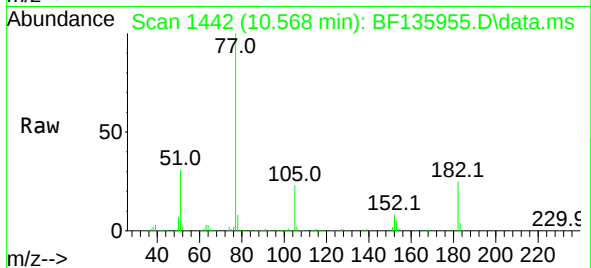
#63
Azobenzene
Concen: 44.874 ng
RT: 10.568 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

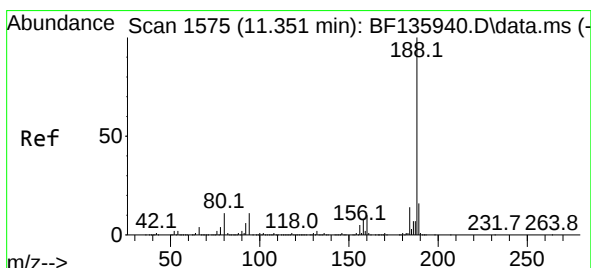
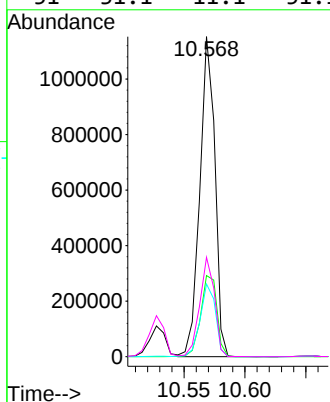
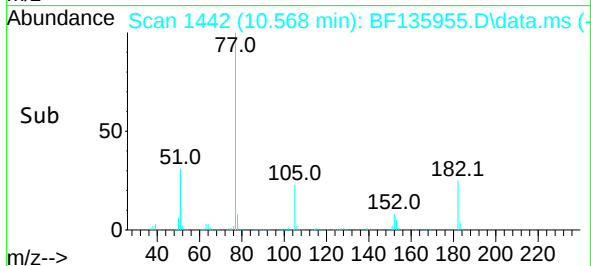


Tgt Ion: 77 Resp: 98966
Ion Ratio Lower Upper
77 100
182 25.3 5.1 45.1
105 22.7 2.8 42.8
51 31.1 11.1 51.1

Manual Integrations

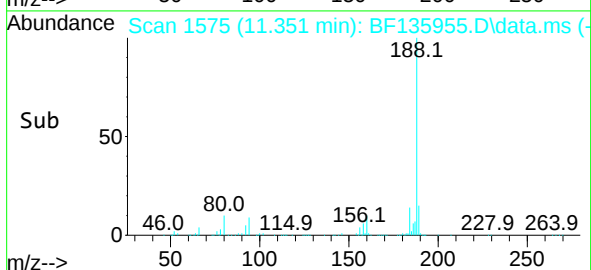
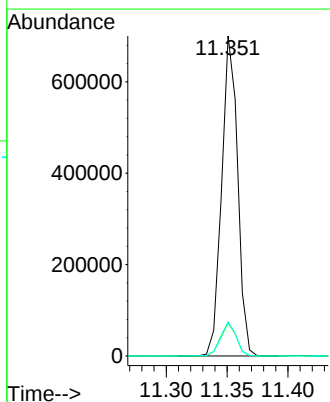
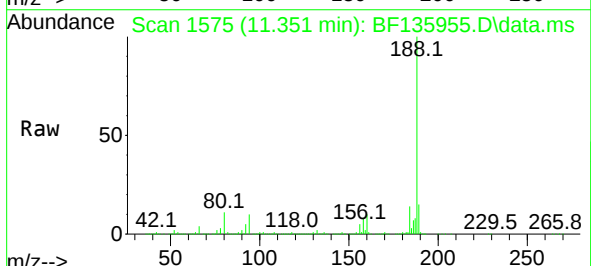
APPROVED

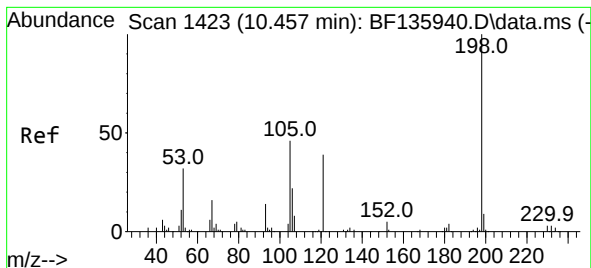
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:188 Resp: 639502
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 10.7 9.0 13.6





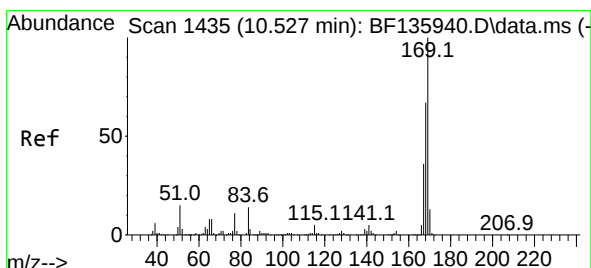
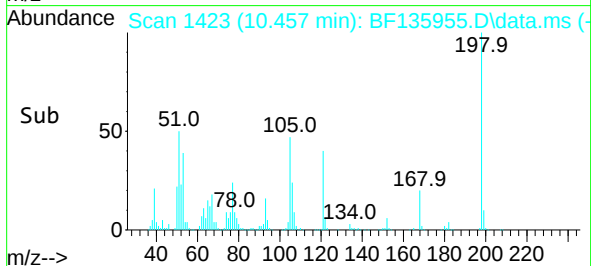
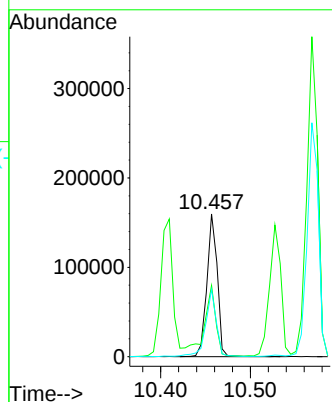
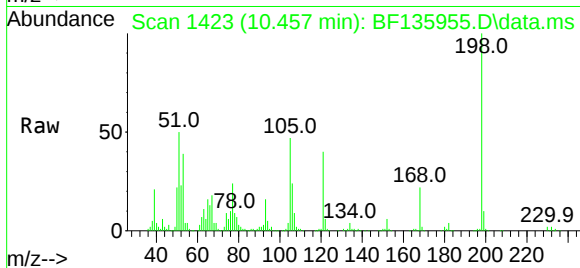
#65
4,6-Dinitro-2-methylphenol
Concen: 56.786 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :
BNA_F
ClientSampleId :
PB156472BS

Tgt Ion:198 Resp: 128775
Ion Ratio Lower Upper
198 100
51 49.9 28.7 68.7
105 47.3 27.2 67.2

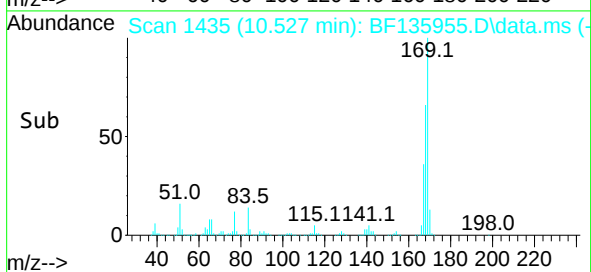
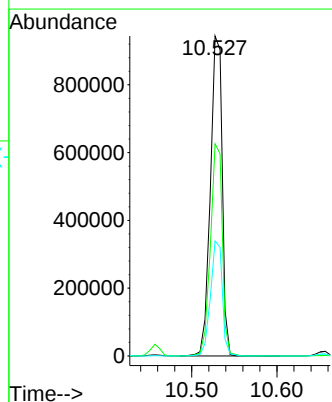
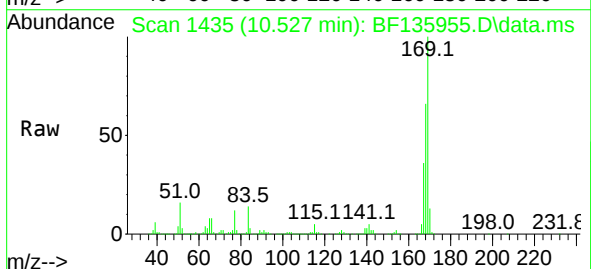
Manual Integrations
APPROVED

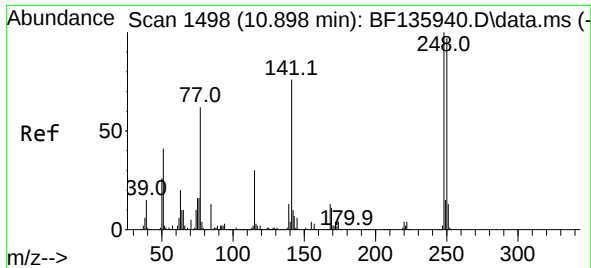
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#66
n-Nitrosodiphenylamine
Concen: 47.009 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

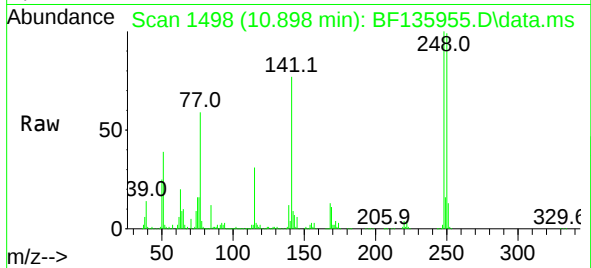
Tgt Ion:169 Resp: 908185
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 46.024 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

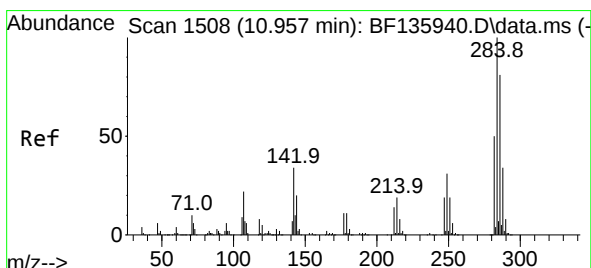
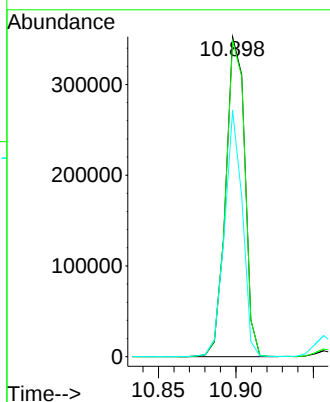
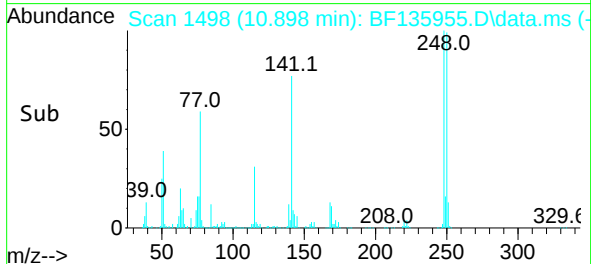
Instrument :
BNA_F
ClientSampleId :
PB156472BS



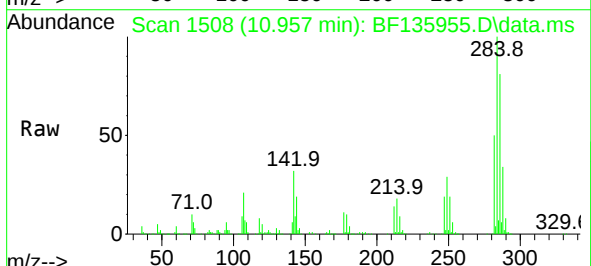
Tgt Ion:248 Resp: 301418
Ion Ratio Lower Upper
248 100
250 98.7 77.9 116.9
141 77.0 60.8 91.2

Manual Integrations
APPROVED

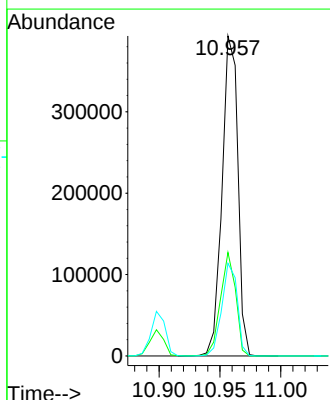
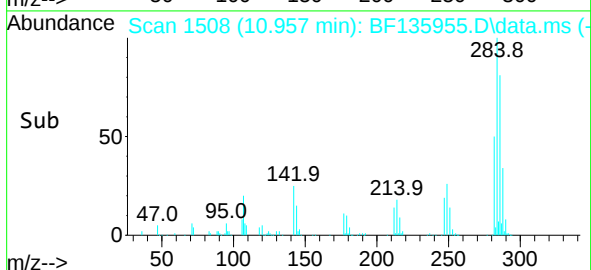
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

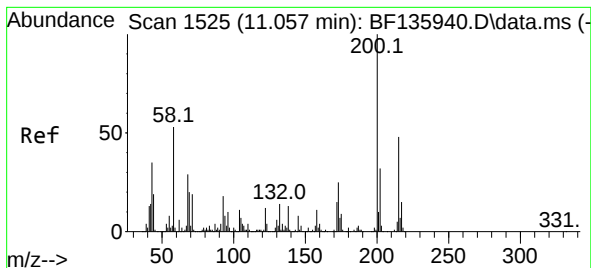


#68
Hexachlorobenzene
Concen: 50.759 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:284 Resp: 355117
Ion Ratio Lower Upper
284 100
142 32.3 27.6 41.4
249 29.0 24.7 37.1





#69

Atrazine

Concen: 56.345 ng

RT: 11.063 min Scan# 11063

Delta R.T. 0.006 min

Lab File: BF135955.D

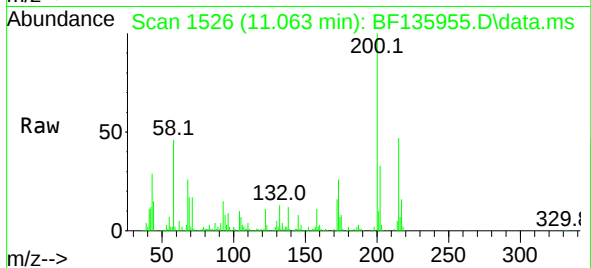
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



Tgt Ion:200 Resp: 296740

Ion Ratio Lower Upper

200 100

173 26.4 5.5 45.5

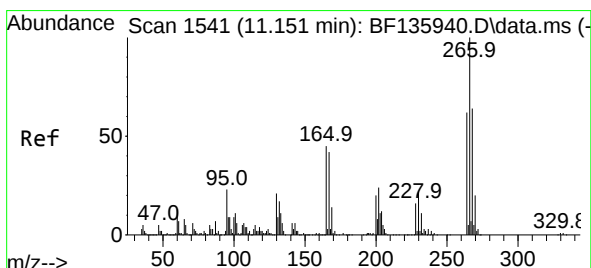
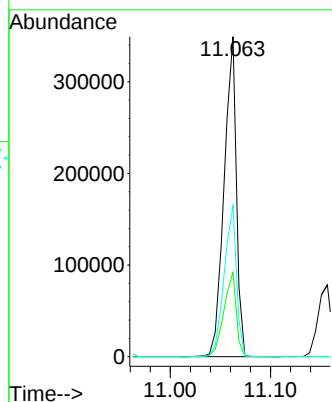
215 47.2 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#70

Pentachlorophenol

Concen: 92.149 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

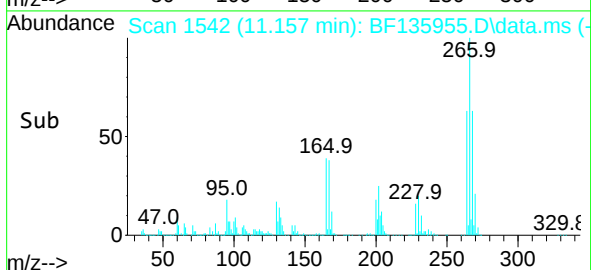
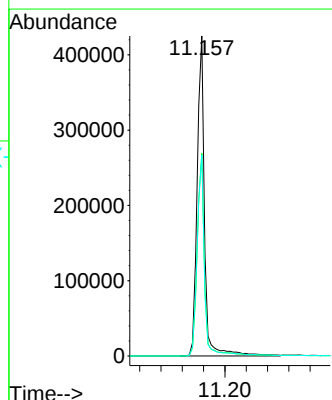
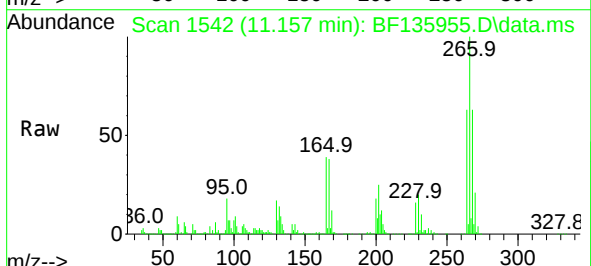
Tgt Ion:266 Resp: 411756

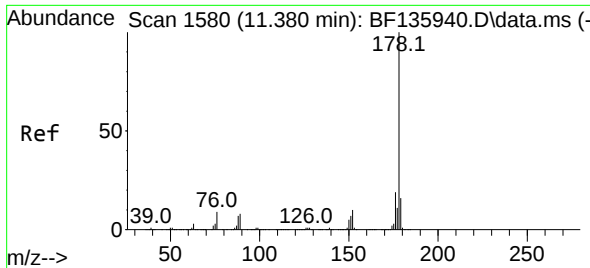
Ion Ratio Lower Upper

266 100

268 63.3 50.8 76.2

264 62.9 49.8 74.6





#71
Phenanthrene
Concen: 46.731 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

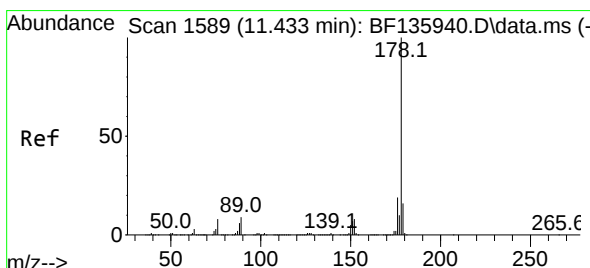
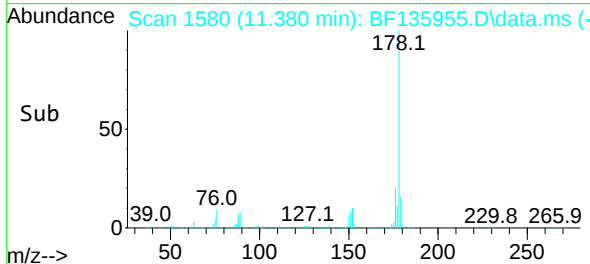
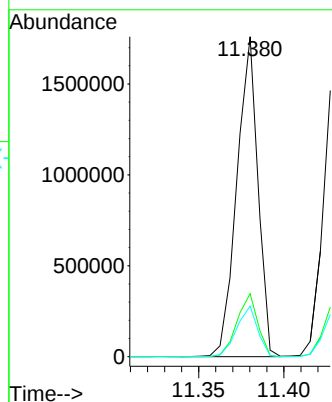
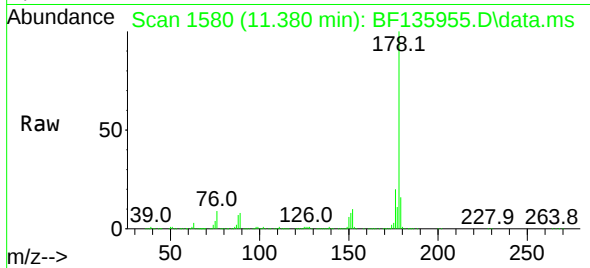
PB156472BS

Tgt Ion:178 Resp: 151195
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.8 12.5 18.7

Manual Integrations

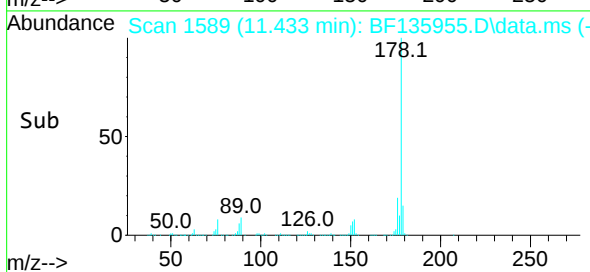
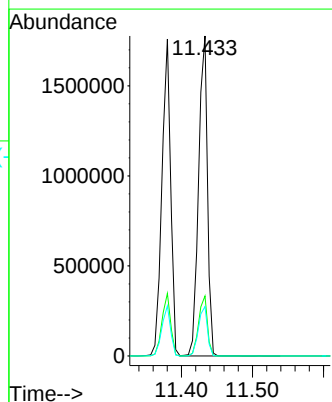
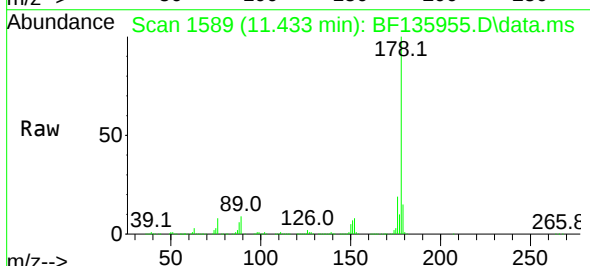
APPROVED

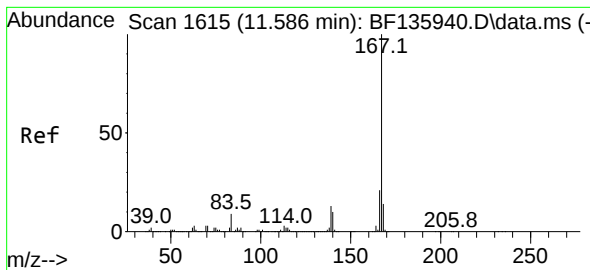
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#72
Anthracene
Concen: 46.737 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

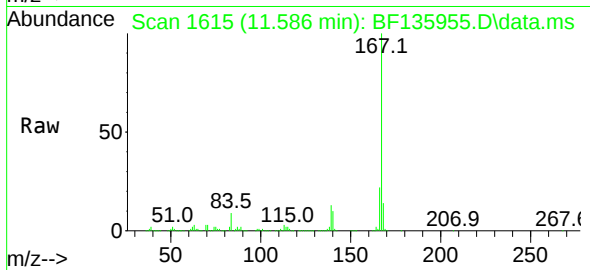
Tgt Ion:178 Resp: 1548299
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 47.637 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF135955.D
 Acq: 25 Oct 2023 22:32

Instrument : BNA_F
 ClientSampleId : PB156472BS

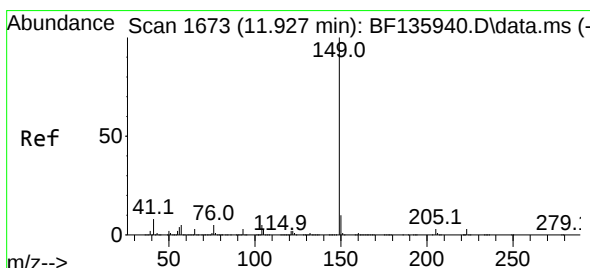
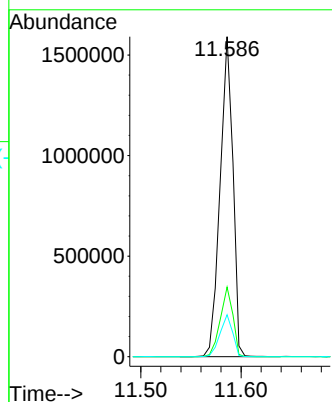
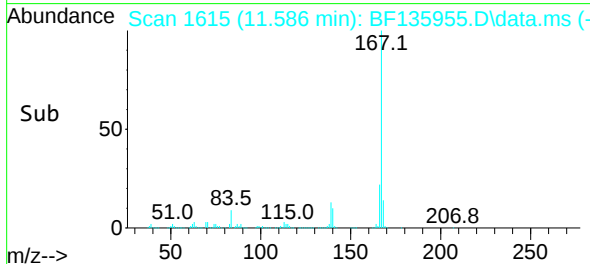


Tgt Ion:167 Resp: 1407779

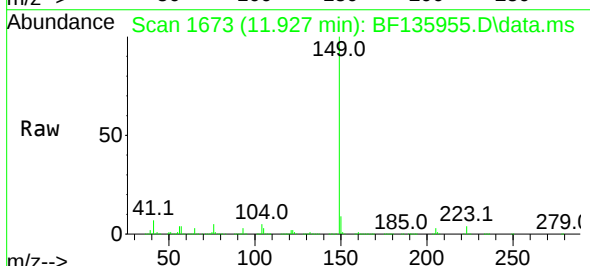
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.1	10.4	15.6

Manual Integrations
 APPROVED

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

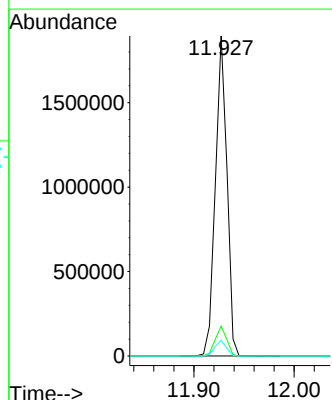
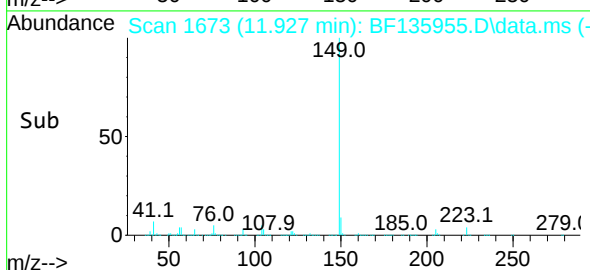


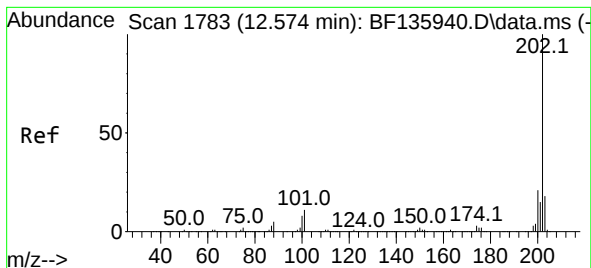
#74
 Di-n-butylphthalate
 Concen: 48.217 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF135955.D
 Acq: 25 Oct 2023 22:32



Tgt Ion:149 Resp: 1516253

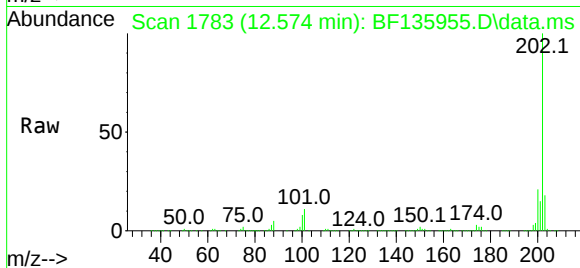
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.9	3.9	5.9





#75
Fluoranthene
Concen: 47.540 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

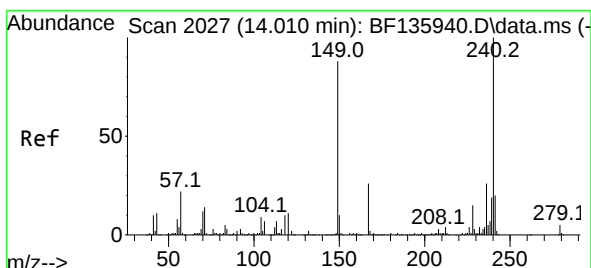
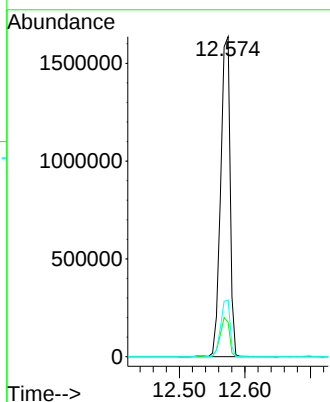
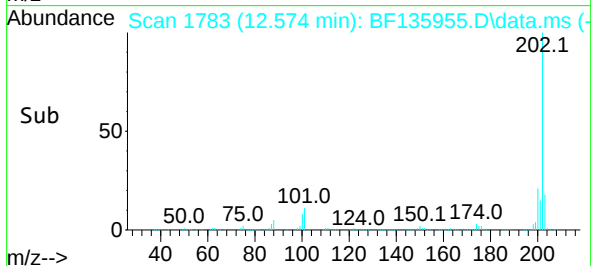
Instrument :
BNA_F
ClientSampleId :
PB156472BS



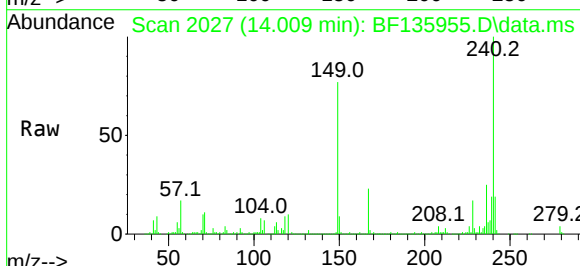
Tgt Ion:202 Resp: 161816
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.6
203 17.8 0.0 37.5

Manual Integrations
APPROVED

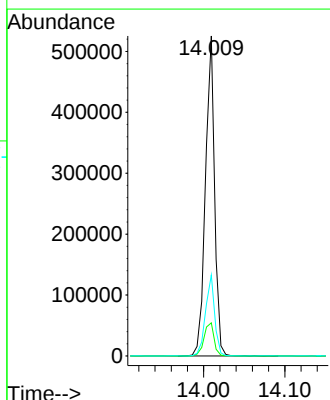
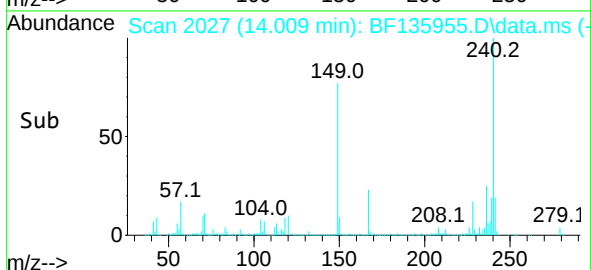
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

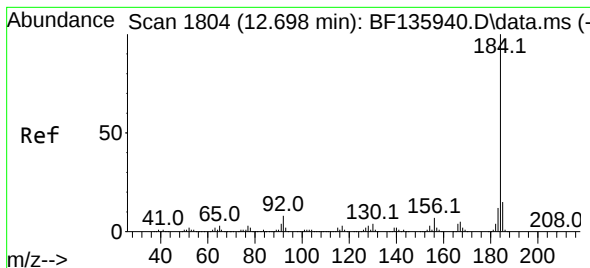


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:240 Resp: 409967
Ion Ratio Lower Upper
240 100
120 10.3 8.6 13.0
236 25.3 20.6 30.8





#77

Benzidine

Concen: 63.130 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF135955.D

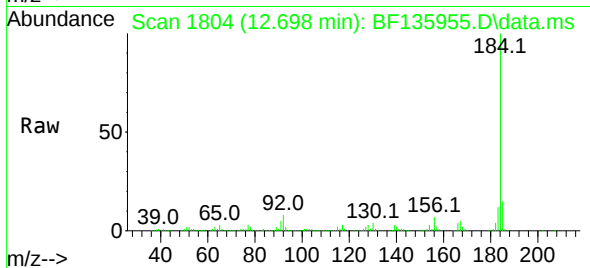
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



Tgt Ion:184 Resp: 499044

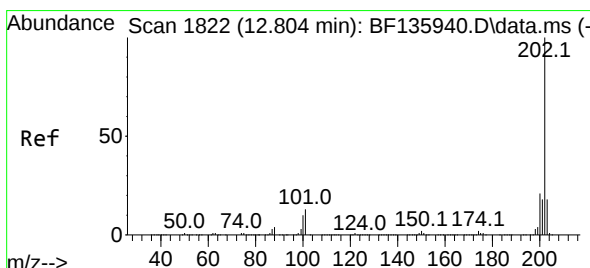
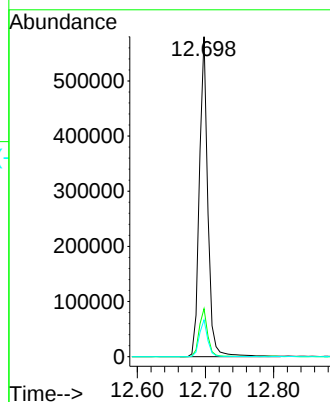
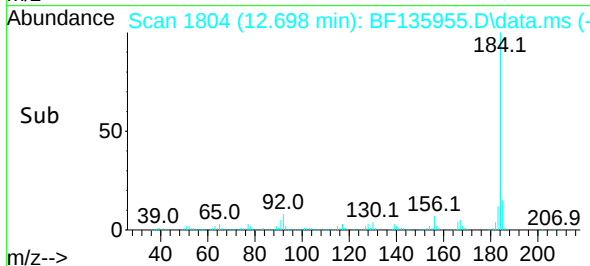
Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	11.5	9.2	13.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#78

Pyrene

Concen: 48.070 ng

RT: 12.804 min Scan# 1822

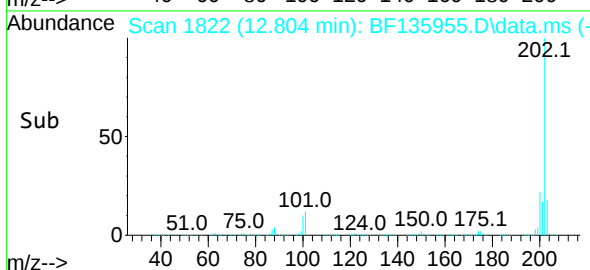
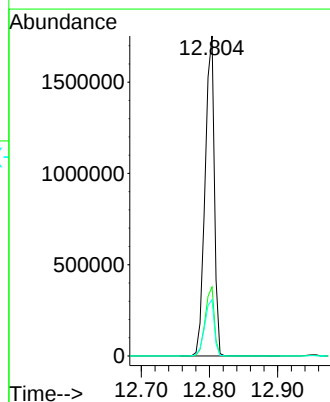
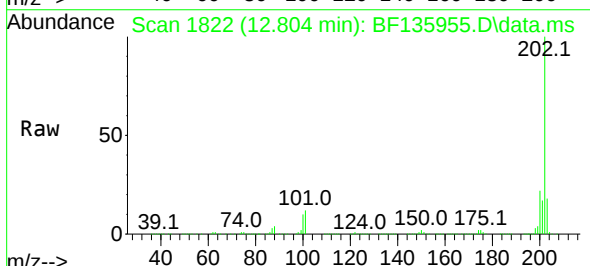
Delta R.T. -0.000 min

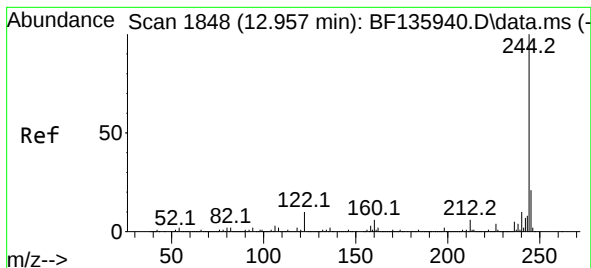
Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Tgt Ion:202 Resp: 1654683

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.6	14.5	21.7





#79

Terphenyl-d14

Concen: 90.894 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135955.D

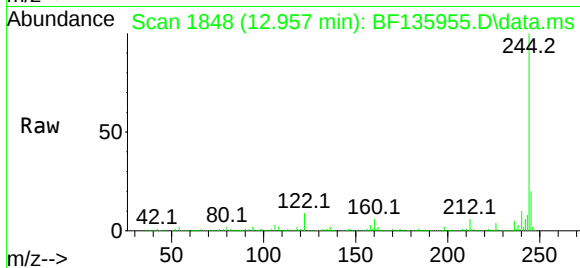
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



Tgt Ion:244 Resp: 2230300

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.6

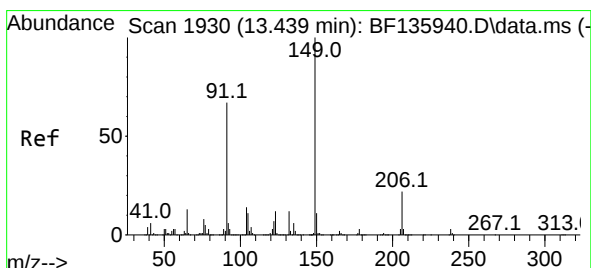
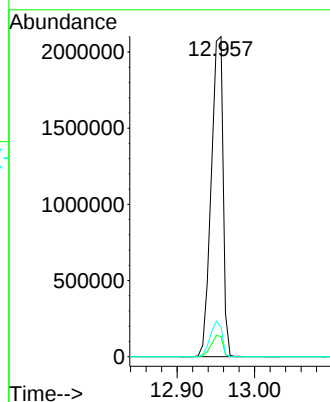
122 9.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#80

Butylbenzylphthalate

Concen: 47.798 ng

RT: 13.439 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

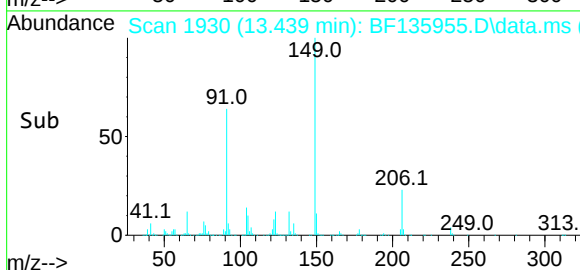
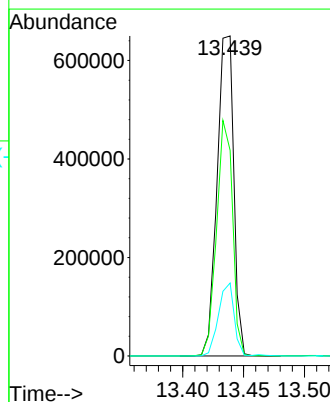
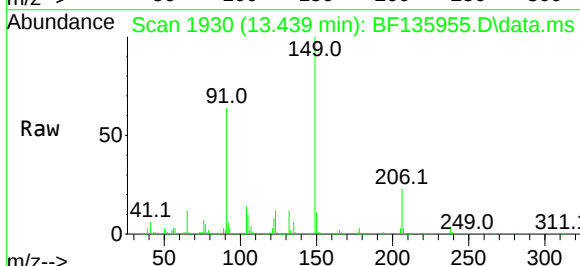
Tgt Ion:149 Resp: 621583

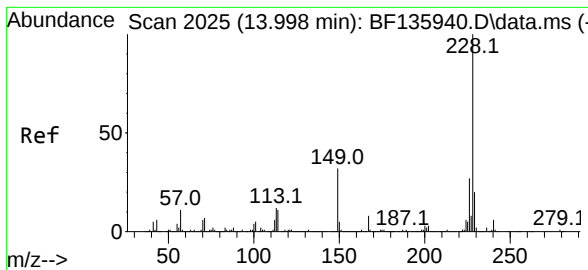
Ion Ratio Lower Upper

149 100

91 64.2 53.4 80.0

206 22.8 17.5 26.3





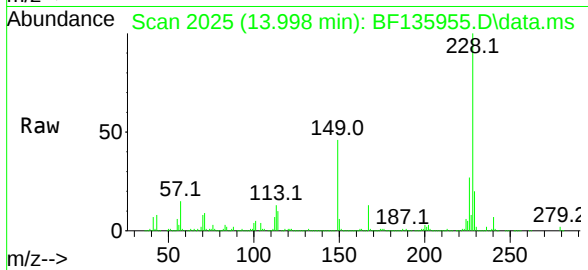
#81
Benzo(a)anthracene
Concen: 48.195 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



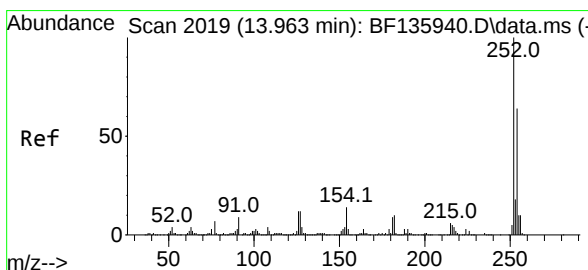
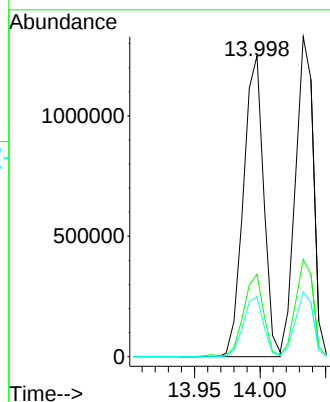
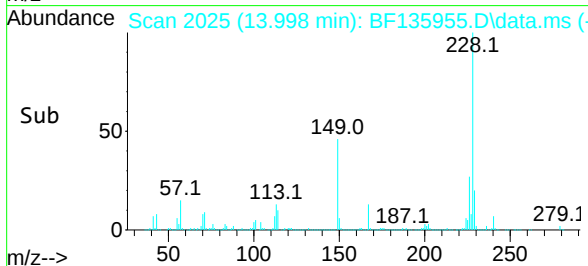
Tgt Ion:228 Resp: 1343449
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.0 16.2 24.4

Manual Integrations

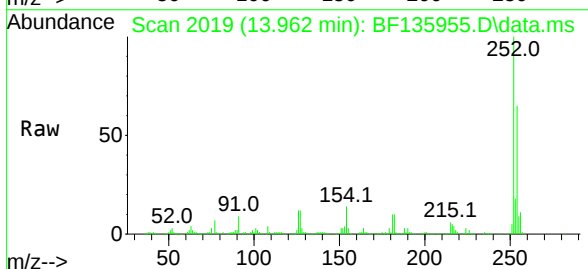
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

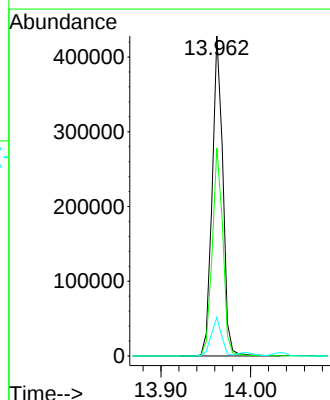
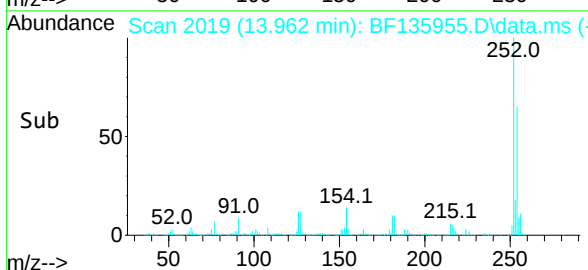
Supervised By :mohammad ahmed 10/26/2023

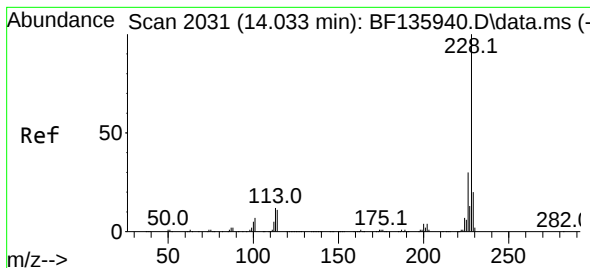


#82
3,3'-Dichlorobenzidine
Concen: 41.690 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:252 Resp: 353559
Ion Ratio Lower Upper
252 100
254 65.0 50.9 76.3
126 12.1 9.8 14.6





#83

Chrysene

Concen: 46.546 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

Tgt Ion:228 Resp: 126371

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

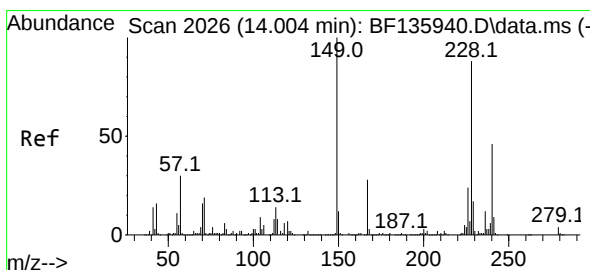
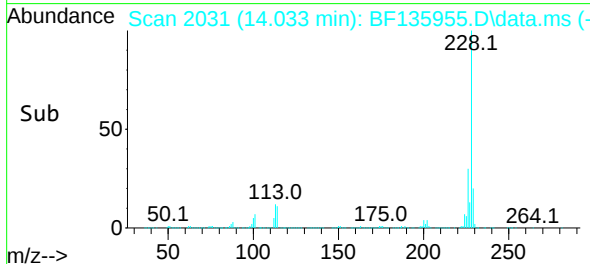
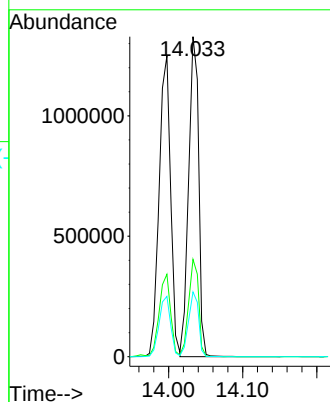
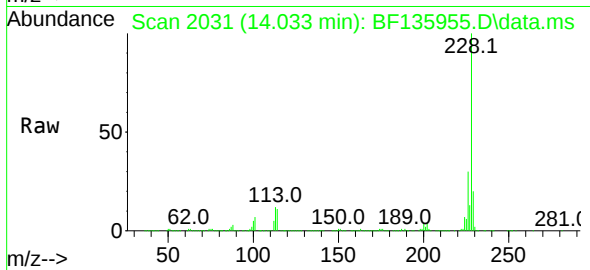
229 20.3 16.2 24.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.625 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF135955.D

Acq: 25 Oct 2023 22:32

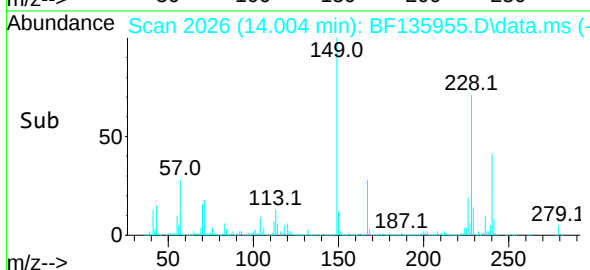
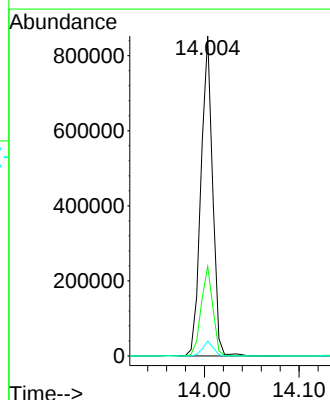
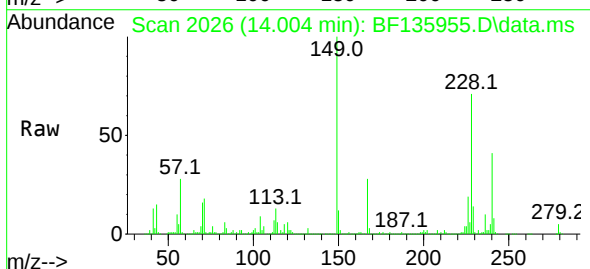
Tgt Ion:149 Resp: 730752

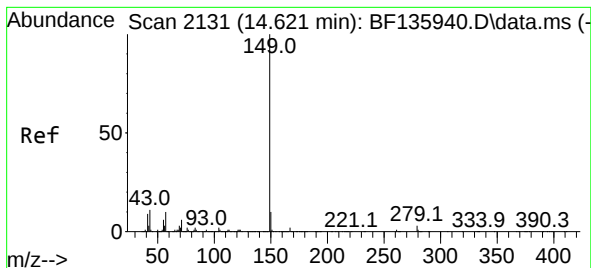
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

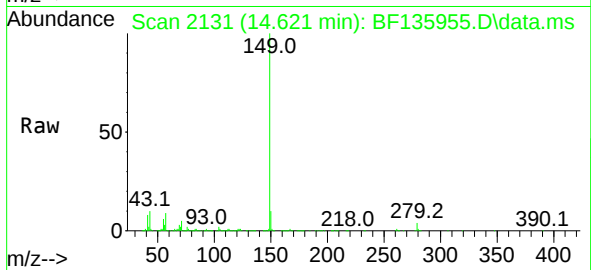
279 4.7 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 53.134 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

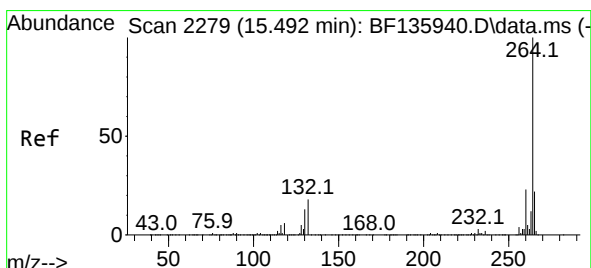
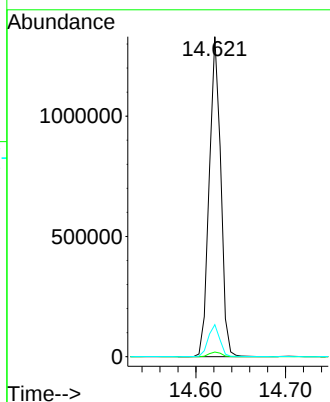
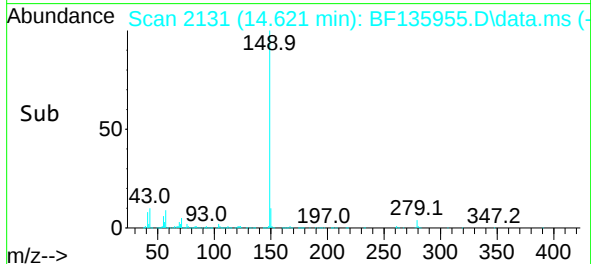
Instrument :
BNA_F
ClientSampleId :
PB156472BS



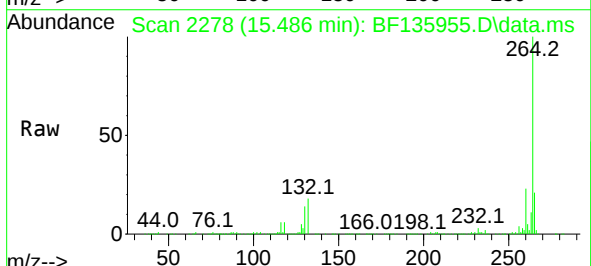
Tgt Ion:149 Resp: 118478
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.6 12.8

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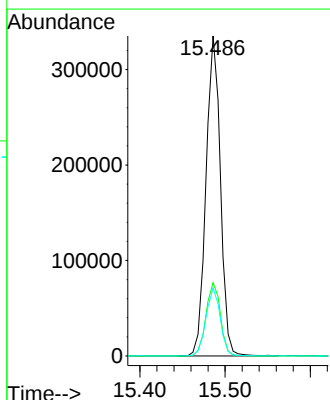
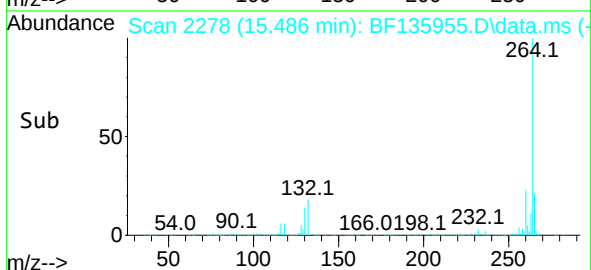
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

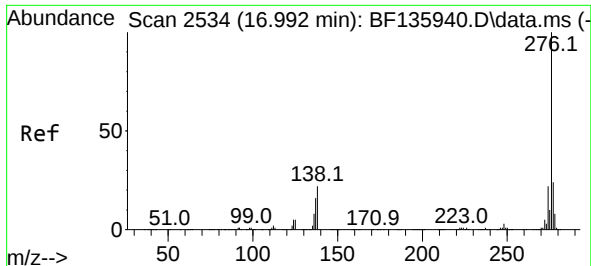


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:264 Resp: 392865
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.2 17.3 25.9





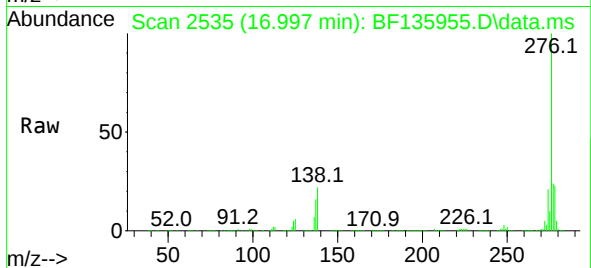
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.349 ng
RT: 16.997 min Scan# 21
Delta R.T. 0.005 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS



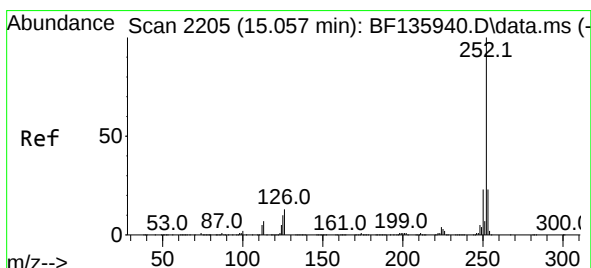
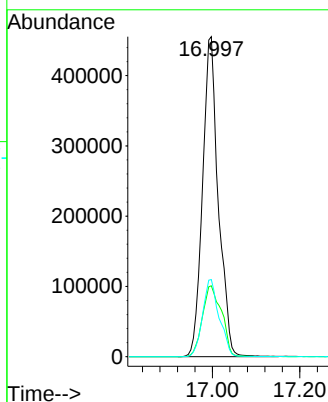
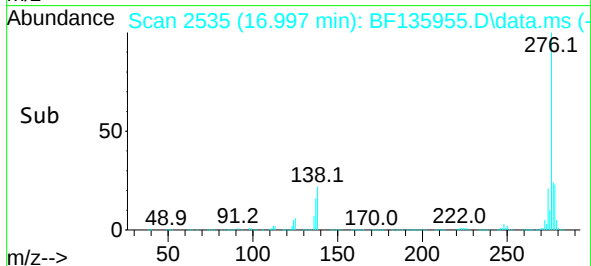
Tgt Ion:276 Resp: 1143890
Ion Ratio Lower Upper
276 100
138 27.0 21.8 32.6
277 25.5 20.0 30.0

Manual Integrations

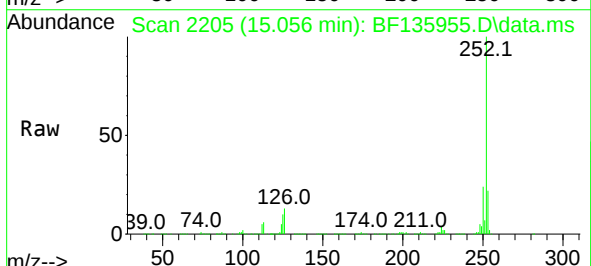
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

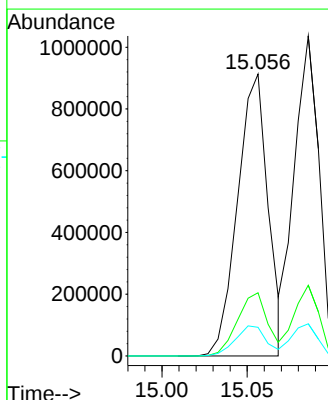
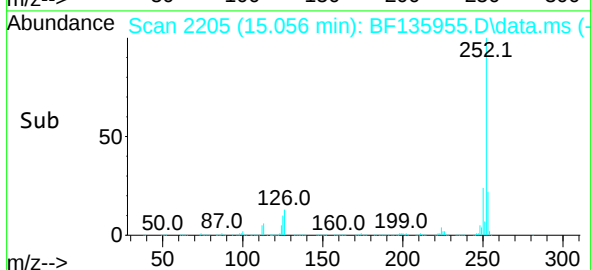
Supervised By :mohammad ahmed 10/26/2023

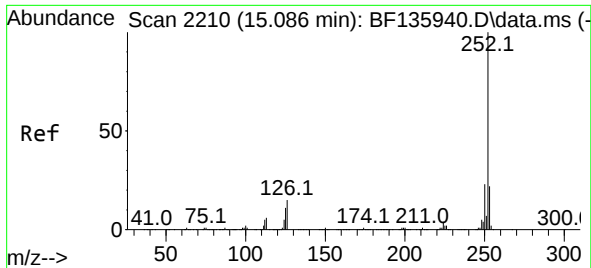


#88
Benzo(b)fluoranthene
Concen: 48.618 ng
RT: 15.056 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32



Tgt Ion:252 Resp: 1136713
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.1 8.2 12.4





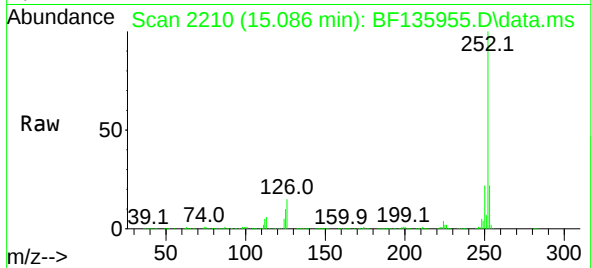
#89
Benzo(k)fluoranthene
Concen: 46.046 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

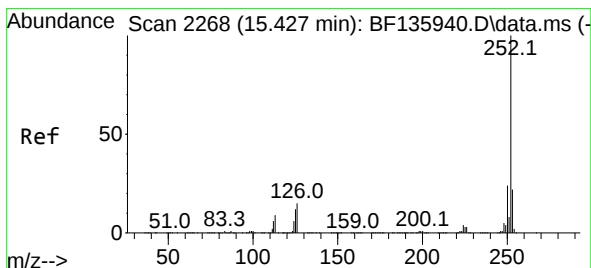
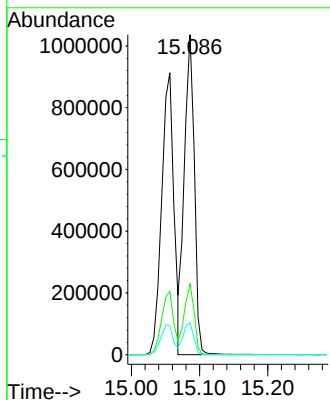
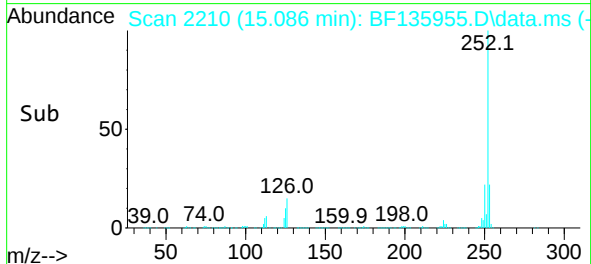


Tgt Ion:252 Resp: 105733
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.0 8.5 12.7

Manual Integrations

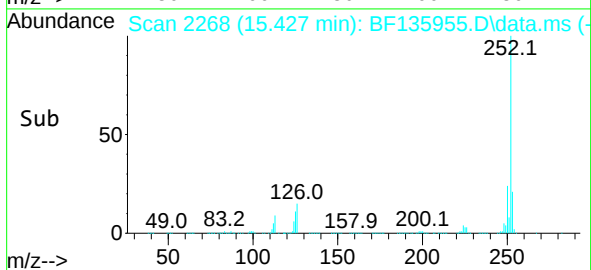
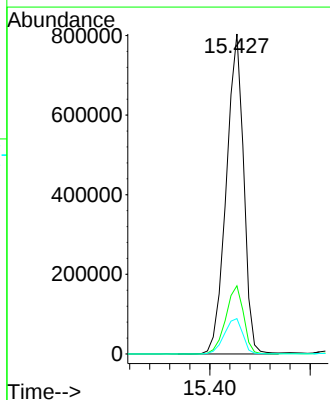
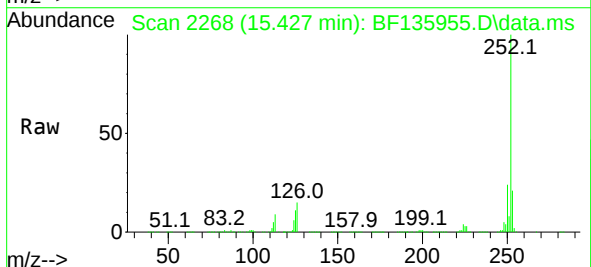
APPROVED

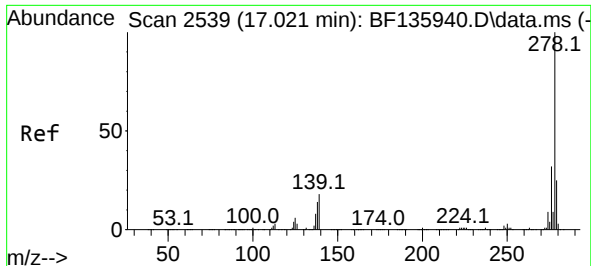
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#90
Benzo(a)pyrene
Concen: 44.771 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:252 Resp: 964742
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 11.1 9.6 14.4





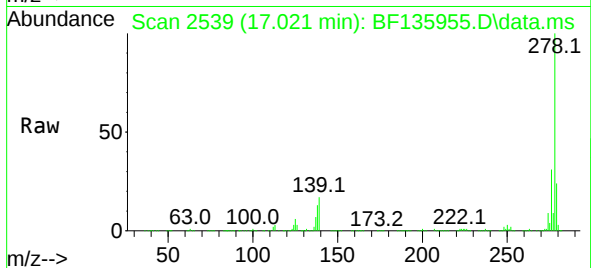
#91
Dibenzo(a,h)anthracene
Concen: 50.304 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Instrument :

BNA_F

ClientSampleId :

PB156472BS

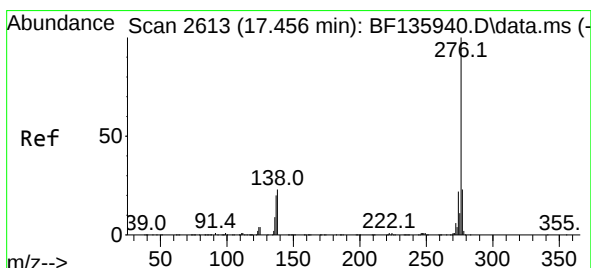
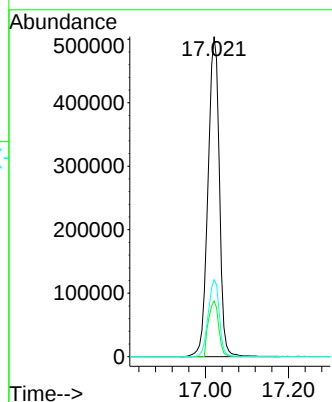
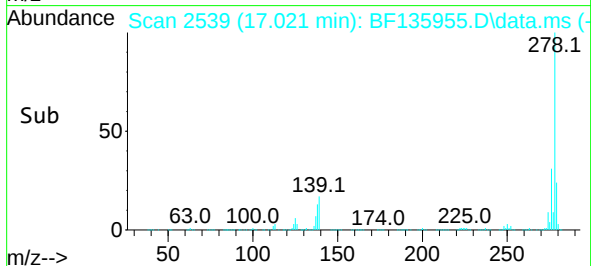


Tgt Ion:278 Resp: 958510
Ion Ratio Lower Upper
278 100
139 17.3 14.0 21.0
279 24.1 19.7 29.5

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.351 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF135955.D
Acq: 25 Oct 2023 22:32

Tgt Ion:276 Resp: 907118
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 22.2 18.4 27.6

