

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135041.D
 Acq On : 31 Aug 2023 14:51
 Operator : CG\JU
 Sample : PB155118BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 16:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	119885	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	502608	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	263579	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	490053	20.000	ng	0.00
76) Chrysene-d12	13.963	240	284764	20.000	ng	0.00
86) Perylene-d12	15.427	264	238130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	987968	127.291	ng	0.02
7) Phenol-d6	6.422	99	1213616	125.449	ng	0.00
23) Nitrobenzene-d5	7.340	82	787513	88.027	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	341313	122.071	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1347081	83.208	ng	0.00
79) Terphenyl-d14	12.904	244	1529984	87.679	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	120126	36.538	ng	98
3) Pyridine	3.328	79	322344	36.368	ng	99
4) n-Nitrosodimethylamine	3.287	42	206151	47.560	ng	97
6) Aniline	6.440	93	480245	40.044	ng	# 88
8) 2-Chlorophenol	6.563	128	392322	49.755	ng	98
9) Benzaldehyde	6.328	77	242319	49.158	ng	100
10) Phenol	6.434	94	473198	46.592	ng	88
11) bis(2-Chloroethyl)ether	6.516	93	361950	47.327	ng	99
12) 1,3-Dichlorobenzene	6.716	146	391610	48.205	ng	100
13) 1,4-Dichlorobenzene	6.793	146	399598	49.146	ng	99
14) 1,2-Dichlorobenzene	6.940	146	384585	50.687	ng	98
15) Benzyl Alcohol	6.922	79	336063	50.704	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	605130	47.249	ng	100
17) 2-Methylphenol	7.034	107	308961	44.965	ng	97
18) Hexachloroethane	7.281	117	150521	49.975	ng	96
19) n-Nitroso-di-n-propyla...	7.193	70	258382	44.964	ng	95
20) 3+4-Methylphenols	7.187	107	366033	45.155	ng	98
22) Acetophenone	7.187	105	511531	45.756	ng	# 99
24) Nitrobenzene	7.357	77	410617	44.744	ng	96
25) Isophorone	7.598	82	743450	43.830	ng	100
26) 2-Nitrophenol	7.675	139	213630	47.117	ng	99
27) 2,4-Dimethylphenol	7.716	122	341402	46.769	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	444404	43.433	ng	99
29) 2,4-Dichlorophenol	7.916	162	316644	45.641	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	345561	46.092	ng	100
31) Naphthalene	8.075	128	1108904	45.165	ng	99
32) Benzoic acid	7.851	122	273120	46.773	ng	100
33) 4-Chloroaniline	8.128	127	381629	35.537	ng	97
34) Hexachlorobutadiene	8.192	225	194047	45.607	ng	99
35) Caprolactam	8.504	113	111713m	49.179	ng	
36) 4-Chloro-3-methylphenol	8.616	107	354984	47.109	ng	95
37) 2-Methylnaphthalene	8.769	142	715656	43.686	ng	100
38) 1-Methylnaphthalene	8.869	142	671087	43.781	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	322011	43.641	ng	99
41) Hexachlorocyclopentadiene	8.922	237	334918	106.645	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	226979	45.805	ng	99

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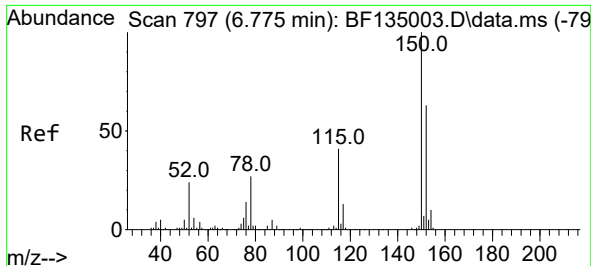
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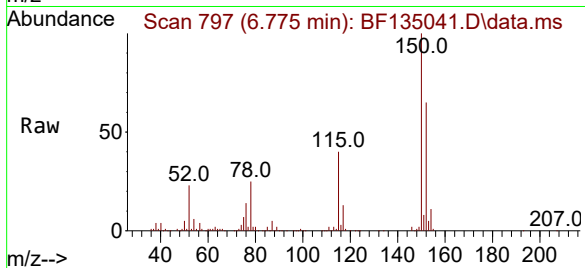
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	246177	42.911	ng	96
46) 1,1'-Biphenyl	9.234	154	881967	43.796	ng	99
47) 2-Chloronaphthalene	9.263	162	690802	45.617	ng	99
48) 2-Nitroaniline	9.363	65	234838	45.301	ng	96
49) Acenaphthylene	9.675	152	1013242	44.262	ng	100
50) Dimethylphthalate	9.545	163	817133	44.274	ng	100
51) 2,6-Dinitrotoluene	9.610	165	186039	45.939	ng	# 82
52) Acenaphthene	9.851	154	649528	44.524	ng	99
53) 3-Nitroaniline	9.775	138	181497	38.473	ng	99
54) 2,4-Dinitrophenol	9.892	184	220862	114.112	ng	# 81
55) Dibenzofuran	10.022	168	913955	43.430	ng	98
56) 4-Nitrophenol	9.951	139	322980	97.399	ng	96
57) 2,4-Dinitrotoluene	10.016	165	233917	46.349	ng	98
58) Fluorene	10.369	166	707039	44.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	207802	47.039	ng	98
60) Diethylphthalate	10.245	149	768412	44.229	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	343548	43.291	ng	99
62) 4-Nitroaniline	10.398	138	203189	44.019	ng	99
63) Azobenzene	10.522	77	759504	43.417	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	145001	48.889	ng	88
66) n-Nitrosodiphenylamine	10.481	169	657239	43.133	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	223864	43.069	ng	99
68) Hexachlorobenzene	10.916	284	247247	46.003	ng	100
70) Pentachlorophenol	11.116	266	267943	82.404	ng	98
71) Phenanthrene	11.333	178	1117019	44.182	ng	100
72) Anthracene	11.386	178	1134930	43.937	ng	99
73) Carbazole	11.545	167	1013319	45.482	ng	100
74) Di-n-butylphthalate	11.880	149	1169284	43.537	ng	100
75) Fluoranthene	12.527	202	1151968	45.067	ng	100
77) Benzidine	12.657	184	582287	113.434	ng	98
78) Pyrene	12.757	202	1175711	43.485	ng	100
80) Butylbenzylphthalate	13.386	149	461046	47.203	ng	98
81) Benzo(a)anthracene	13.951	228	846694	43.588	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	288704	49.255	ng	99
83) Chrysene	13.992	228	831249	43.544	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	518844	51.329	ng	98
85) Di-n-octyl phthalate	14.569	149	795254	51.544	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	744158	46.395	ng	99
88) Benzo(b)fluoranthene	15.004	252	698135	47.118	ng	99
89) Benzo(k)fluoranthene	15.033	252	696266	48.641	ng	99
90) Benzo(a)pyrene	15.368	252	606417	44.057	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	605595	46.617	ng	97
92) Benzo(g,h,i)perylene	17.368	276	623436	46.142	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

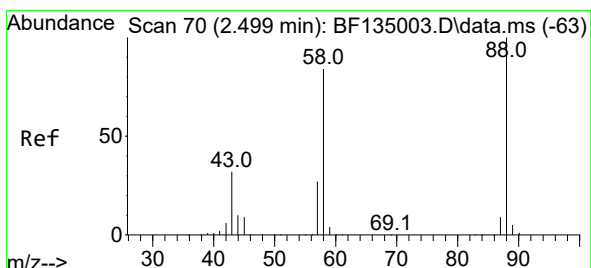
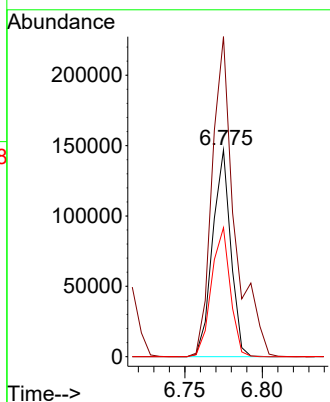
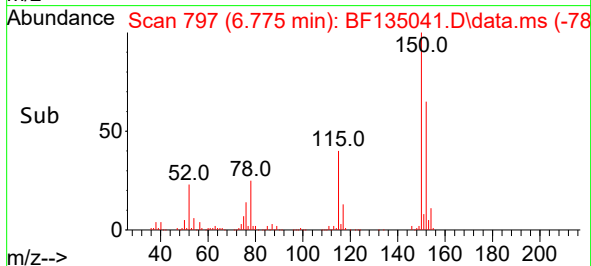
Instrument :
BNA_F
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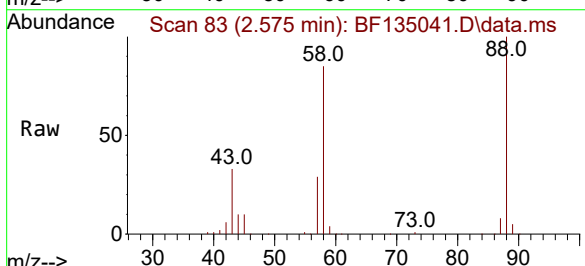
Tgt Ion:152 Resp: 11988
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.4
115 62.4 51.2 76.8

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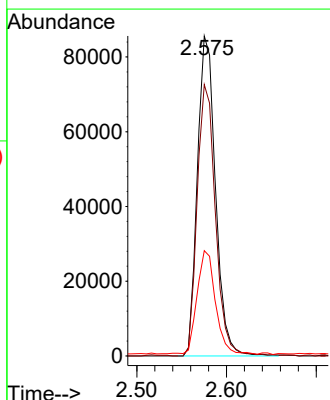
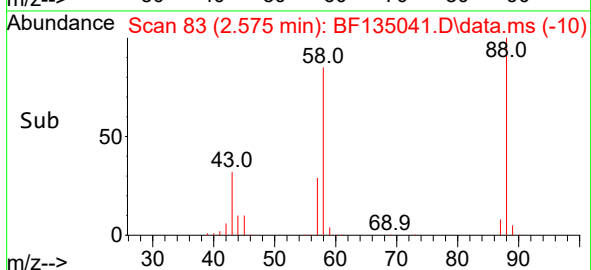
Reviewed By :Yogesh Patel 09/01/2023
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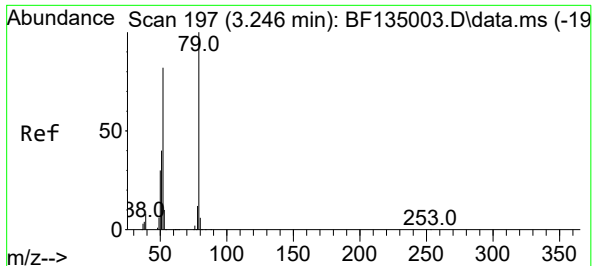


#2
1,4-Dioxane
Concen: 36.538 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.077 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



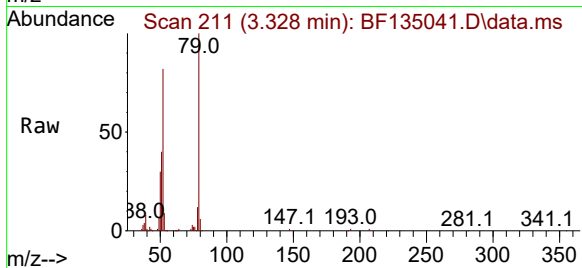
Tgt Ion: 88 Resp: 120126
Ion Ratio Lower Upper
88 100
58 85.6 67.1 100.7
43 32.9 25.9 38.9





#3
Pyridine
Concen: 36.368 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

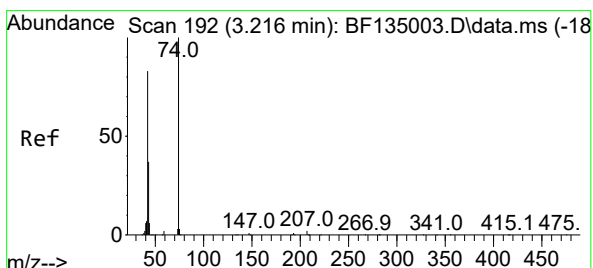
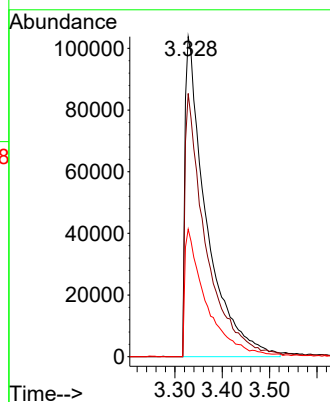
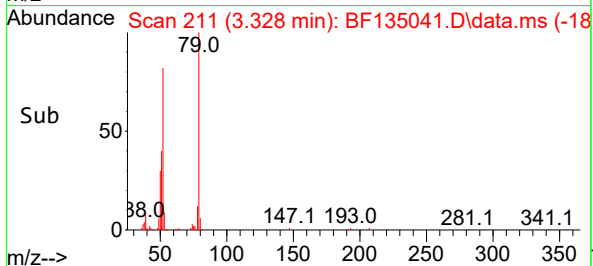
Instrument :
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PB155118BSD



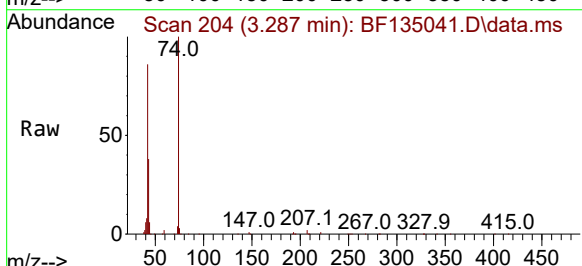
Tgt Ion: 79 Resp: 322344
Ion Ratio Lower Upper
79 100
52 82.3 65.4 98.2
51 39.8 32.6 49.0

Manual Integrations
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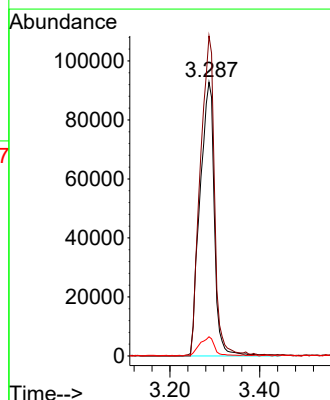
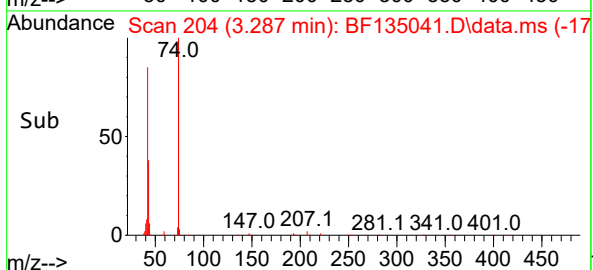
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

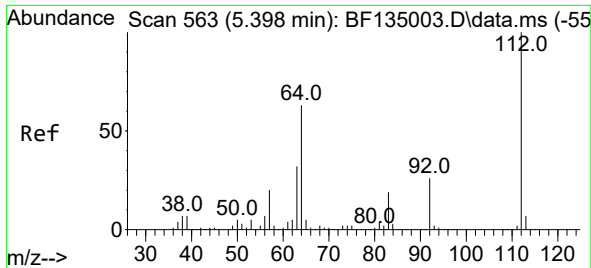


#4
n-Nitrosodimethylamine
Concen: 47.560 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.071 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



Tgt Ion: 42 Resp: 206151
Ion Ratio Lower Upper
42 100
74 116.9 96.2 144.2
44 7.0 5.8 8.6





#5
2-Fluorophenol
Concen: 127.291 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

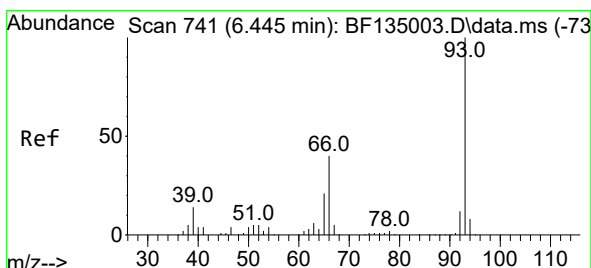
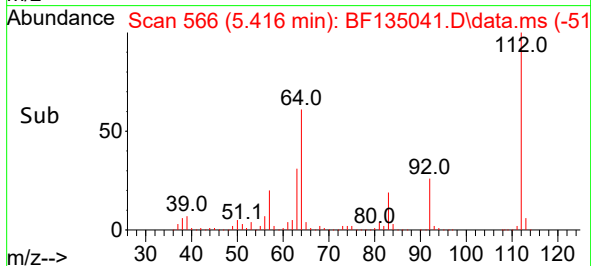
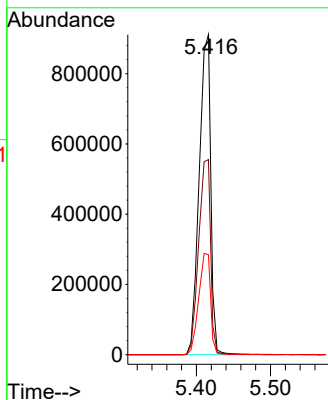
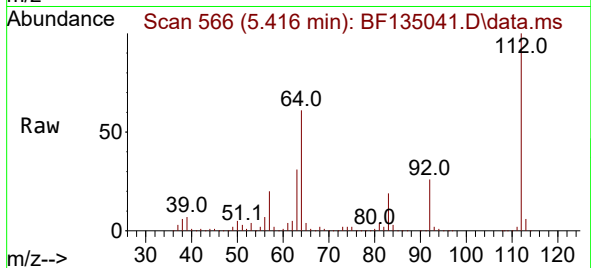
PB155118BSD

Tgt Ion:112 Resp: 987968
Ion Ratio Lower Upper
112 100
64 61.0 50.5 75.7
63 31.2 25.9 38.9

Manual Integrations

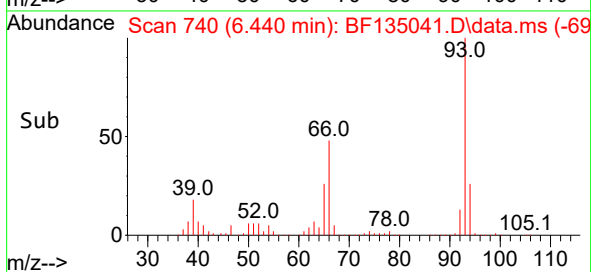
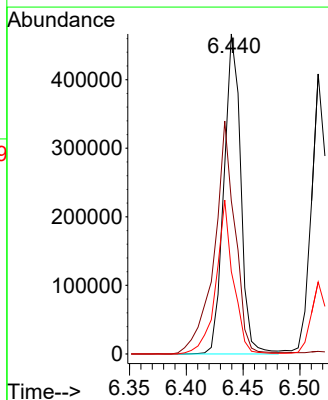
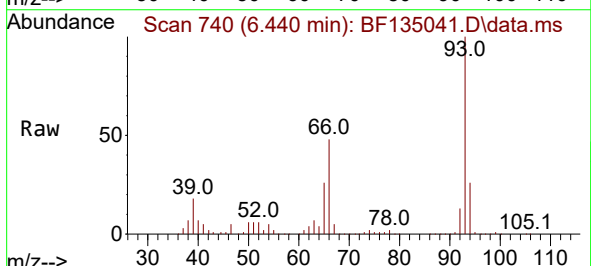
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Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#6
Aniline
Concen: 40.044 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

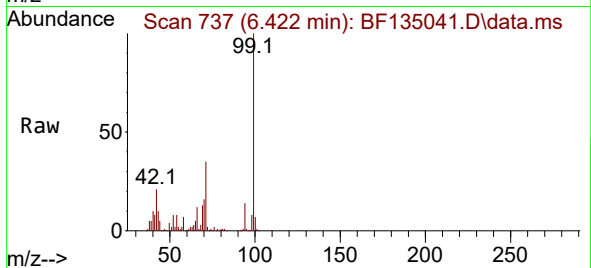
Tgt Ion: 93 Resp: 480245
Ion Ratio Lower Upper
93 100
66 47.9 32.4 48.6
65 25.8 16.6 24.8#





#7
Phenol-d6
Concen: 125.449 ng
RT: 6.422 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

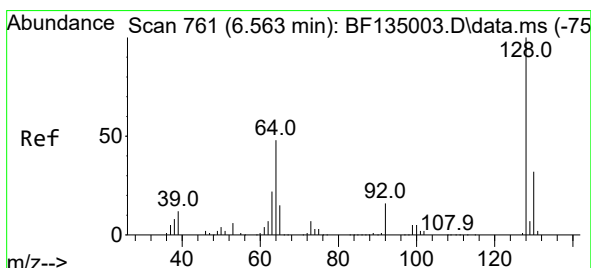
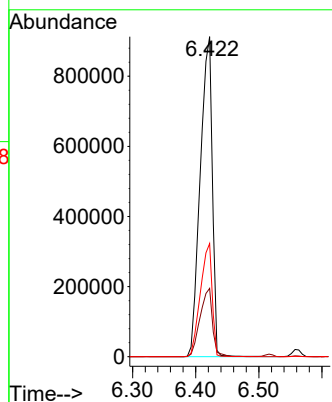
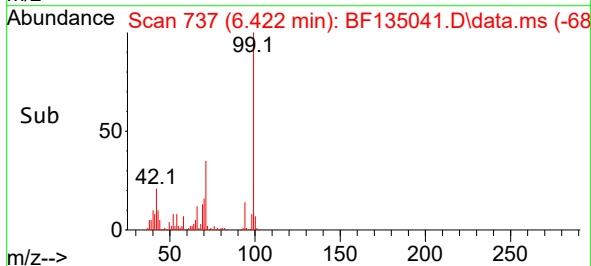
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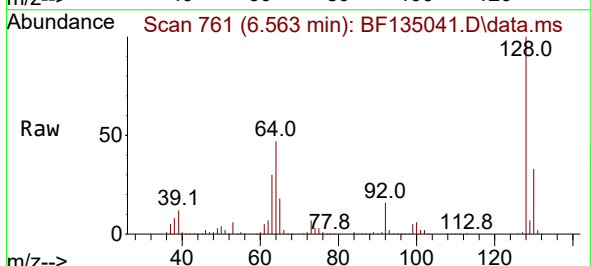
Tgt Ion: 99 Resp: 1213610
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 35.3 27.0 40.6

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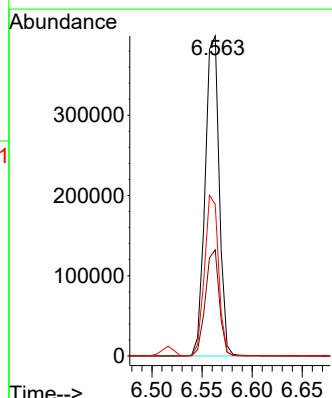
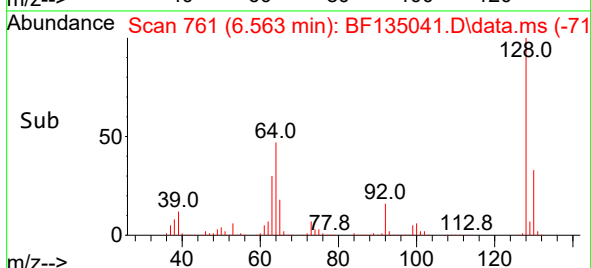
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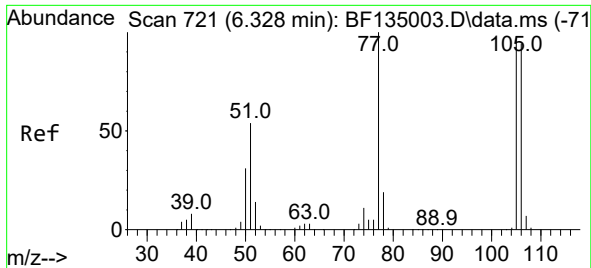


#8
2-Chlorophenol
Concen: 49.755 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF135041.D
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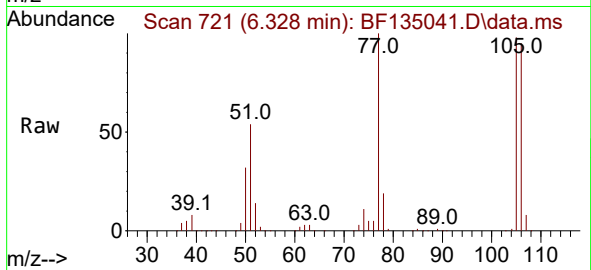
Tgt Ion:128 Resp: 392322
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 47.3 29.0 69.0





#9
Benzaldehyde
Concen: 49.158 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

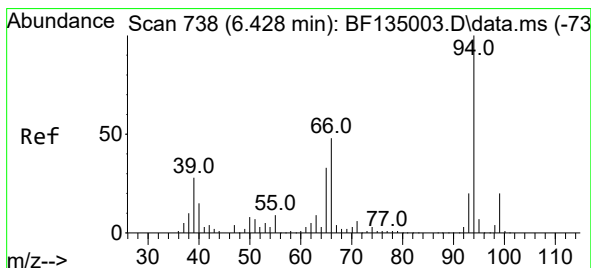
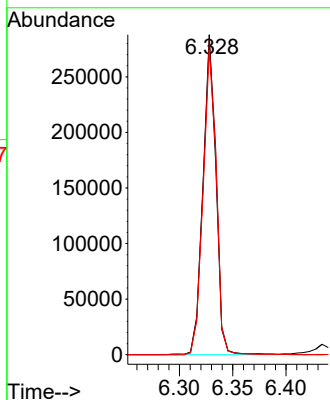
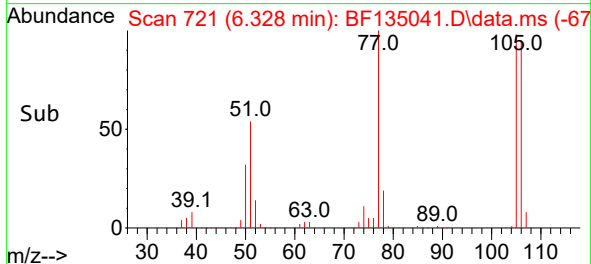
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 242319
Ion Ratio Lower Upper
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105 98.4 78.4 118.4
106 95.1 74.3 114.3

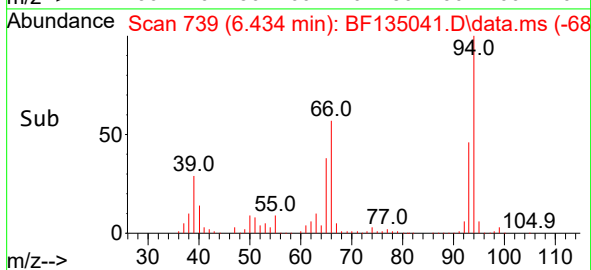
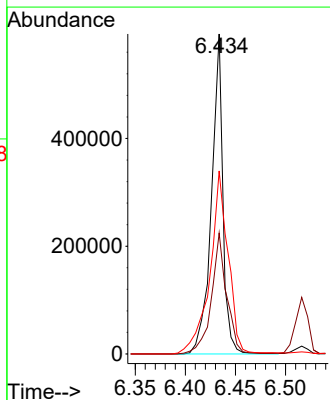
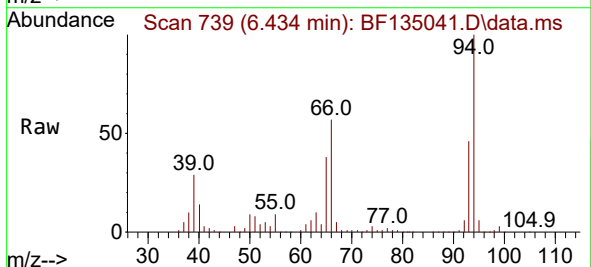
Manual Integrations
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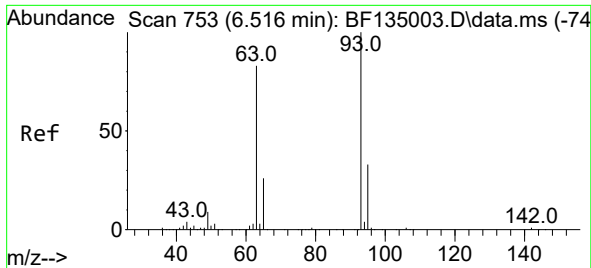
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#10
Phenol
Concen: 46.592 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion: 94 Resp: 473198
Ion Ratio Lower Upper
94 100
65 37.8 13.2 53.2
66 57.2 27.5 67.5





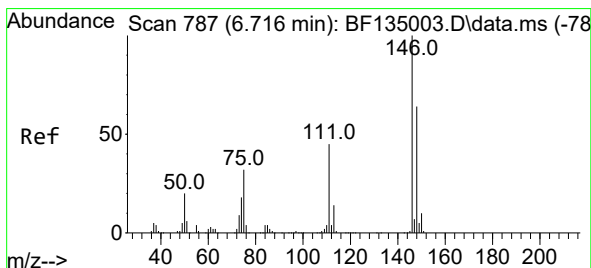
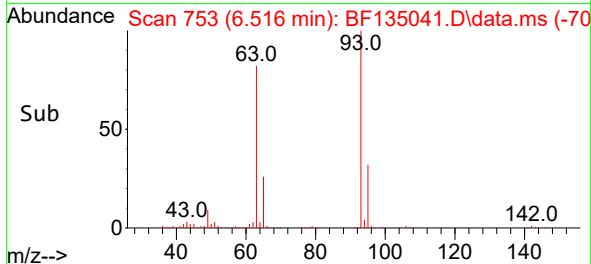
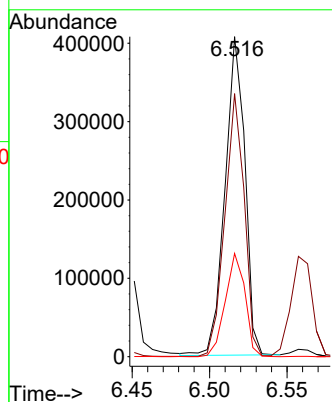
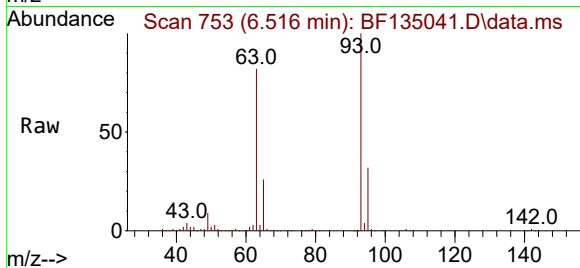
#11
bis(2-Chloroethyl)ether
Concen: 47.327 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :
BNA_F
ClientSampleId :
PB155118BSD

Tgt Ion: 93 Resp: 361950
Ion Ratio Lower Upper
93 100
63 82.2 62.8 102.8
95 32.2 12.7 52.7

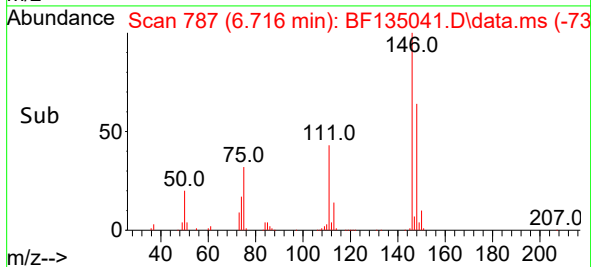
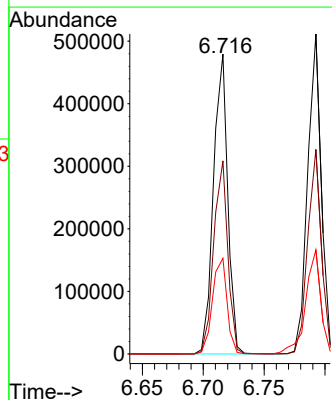
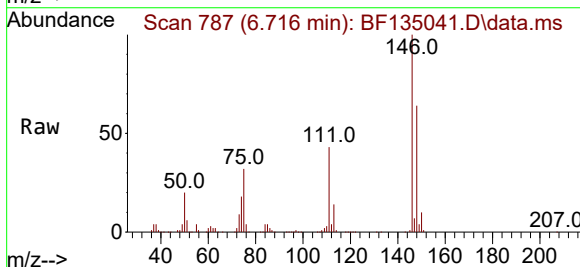
Manual Integrations
APPROVED

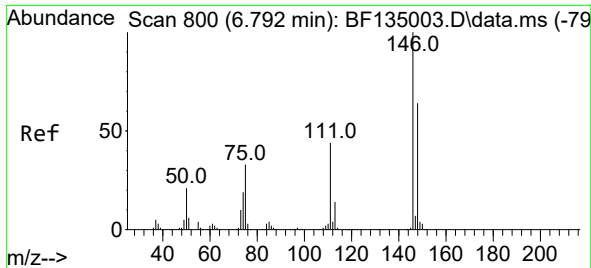
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#12
1,3-Dichlorobenzene
Concen: 48.205 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:146 Resp: 391610
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
75 31.9 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.146 ng

RT: 6.793 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

Tgt Ion:146 Resp: 399598

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

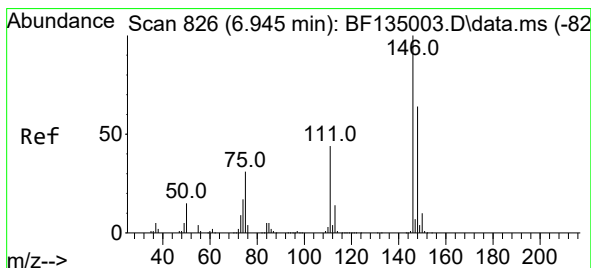
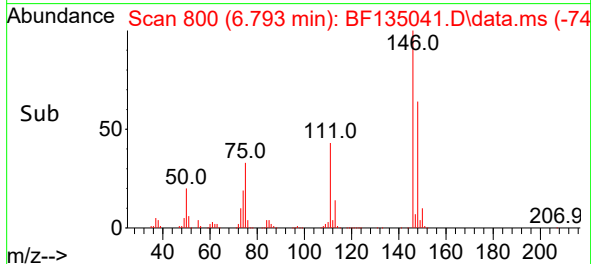
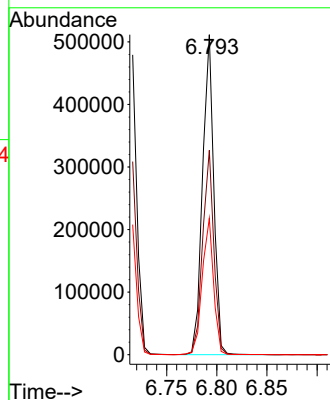
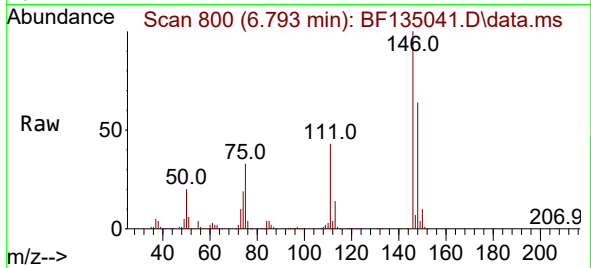
111 42.6 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#14

1,2-Dichlorobenzene

Concen: 50.687 ng

RT: 6.940 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

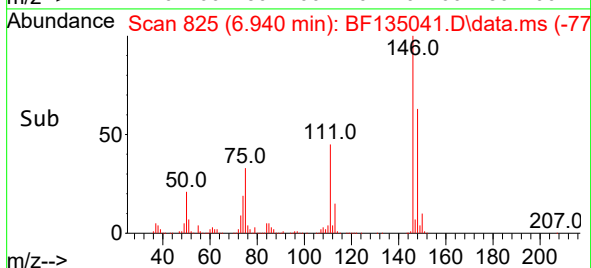
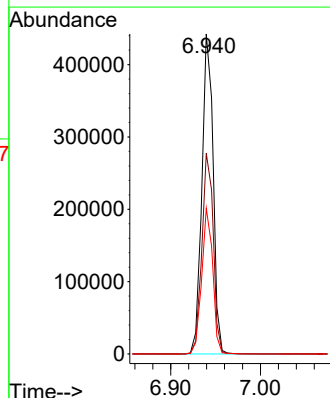
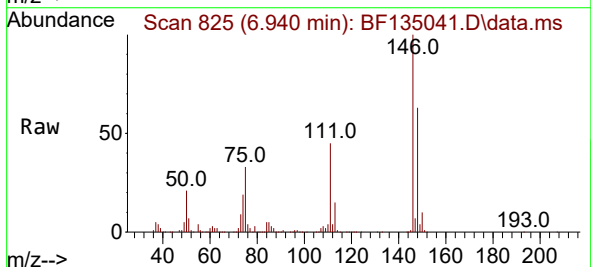
Tgt Ion:146 Resp: 384585

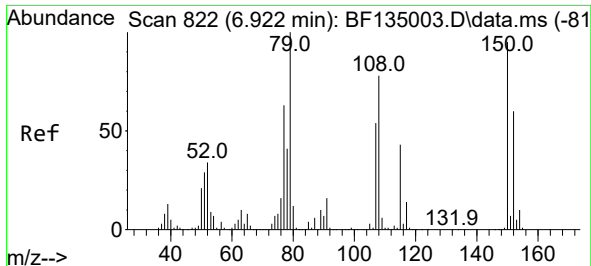
Ion Ratio Lower Upper

146 100

148 62.7 51.1 76.7

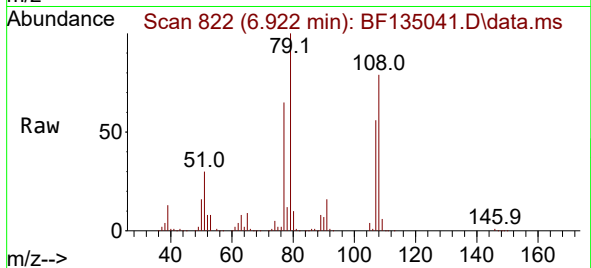
111 45.5 35.3 52.9





#15
Benzyl Alcohol
Concen: 50.704 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

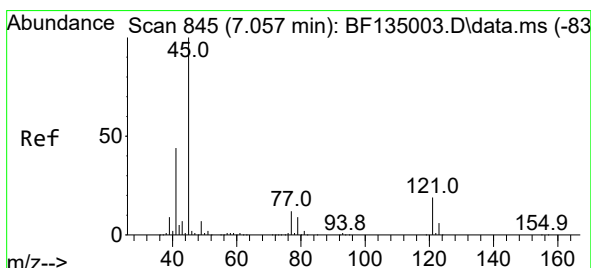
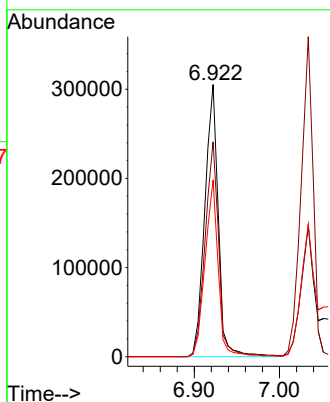
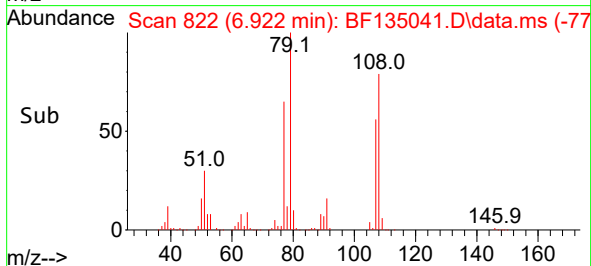
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion: 79 Resp: 33606
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 65.0 50.4 75.6

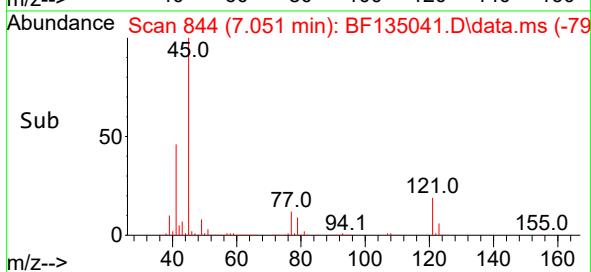
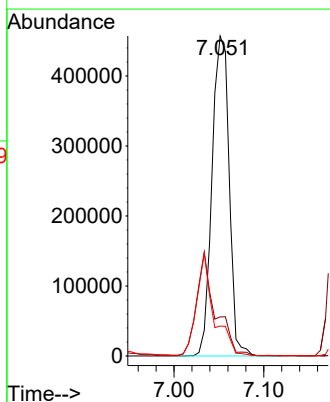
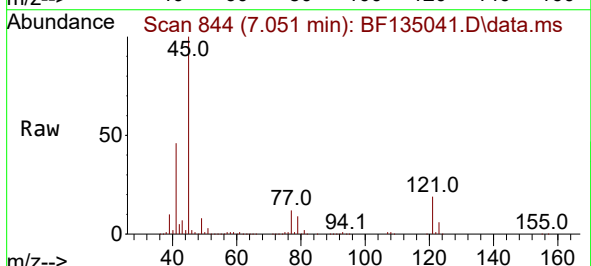
Manual Integrations
APPROVED

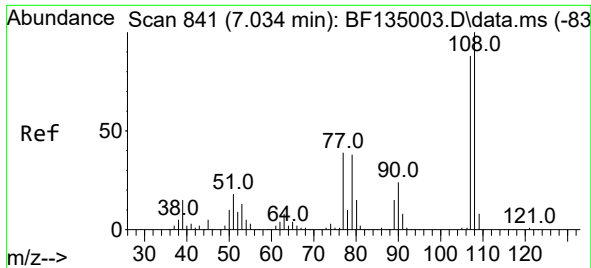
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.249 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

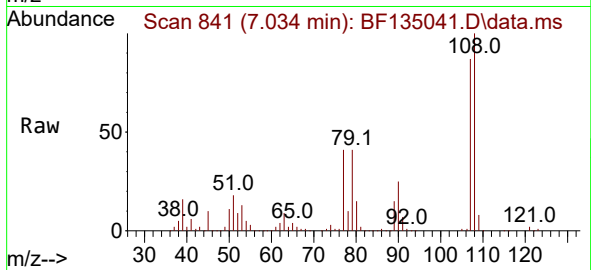
Tgt Ion: 45 Resp: 605130
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.3
79 9.4 0.0 29.5





#17
2-Methylphenol
Concen: 44.965 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

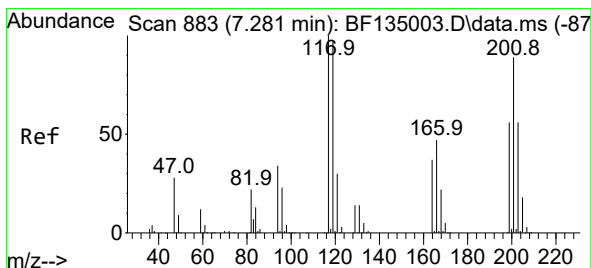
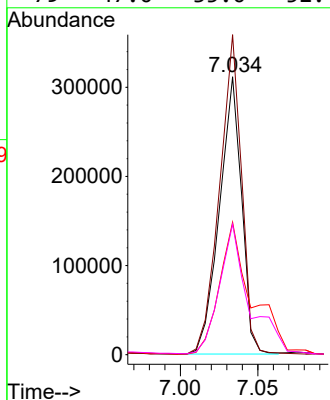
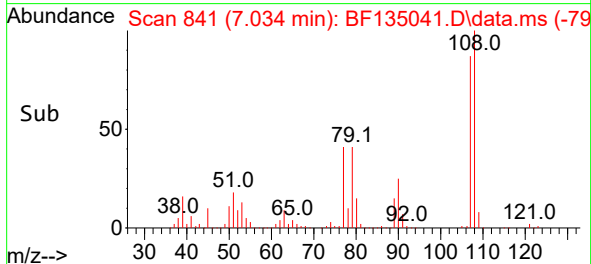
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:107 Resp: 30896
Ion Ratio Lower Upper
107 100
108 115.1 91.2 136.8
77 47.7 36.0 54.0
79 47.0 35.0 52.4

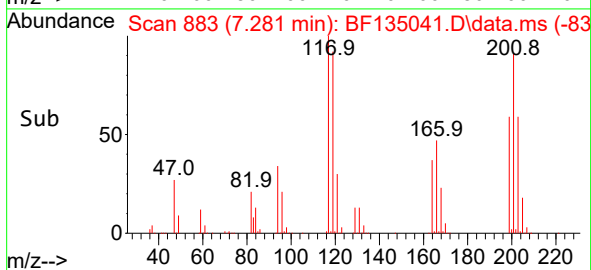
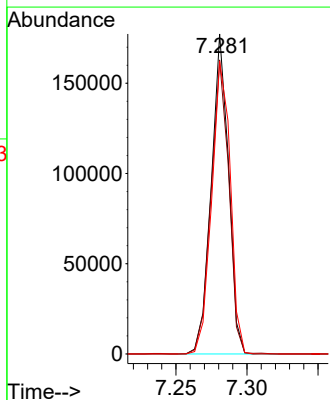
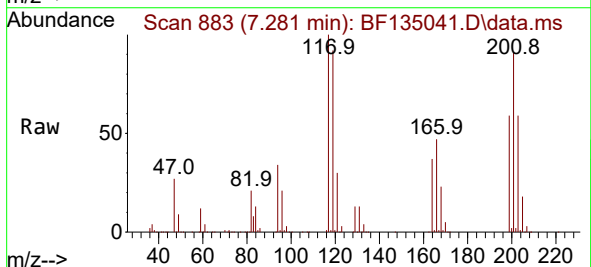
Manual Integrations
APPROVED

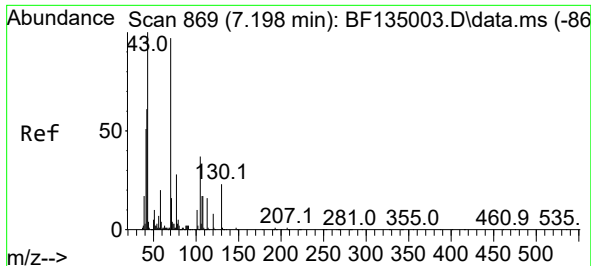
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#18
Hexachloroethane
Concen: 49.975 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

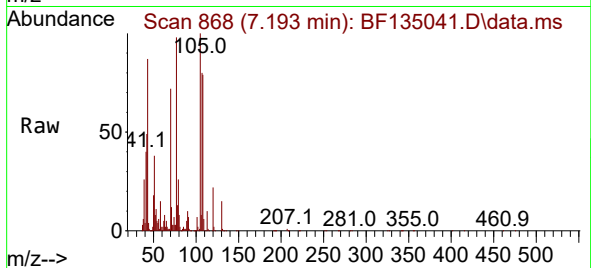
Tgt Ion:117 Resp: 150521
Ion Ratio Lower Upper
117 100
119 91.9 77.4 116.2
201 91.4 71.4 107.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.964 ng
RT: 7.193 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

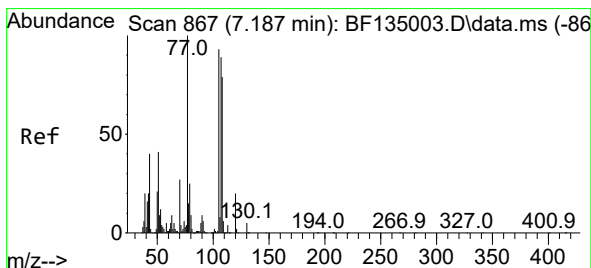
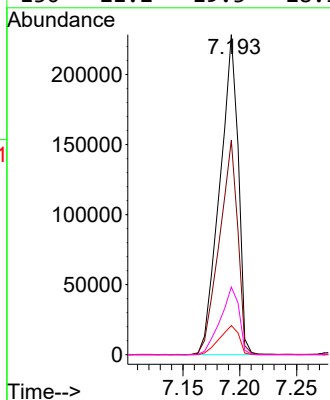
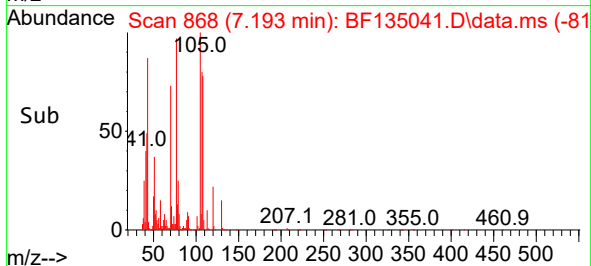
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion: 70 Resp: 25838
Ion Ratio Lower Upper
70 100
42 67.0 50.2 75.4
101 9.1 8.1 12.1
130 21.2 19.3 28.9

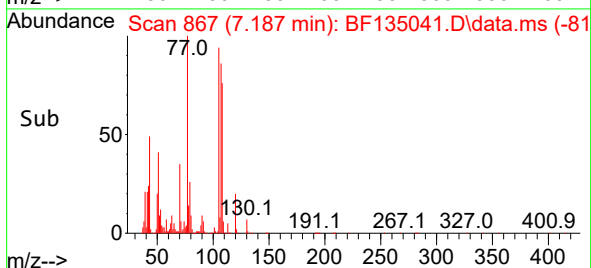
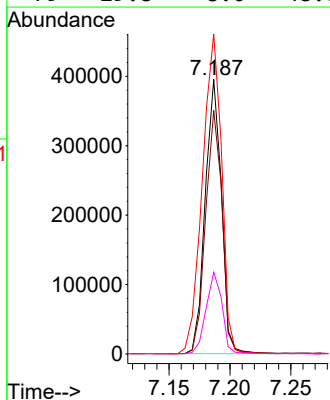
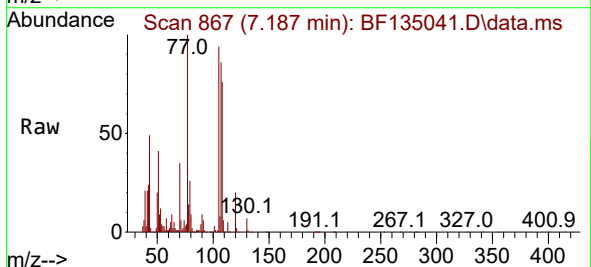
Manual Integrations
APPROVED

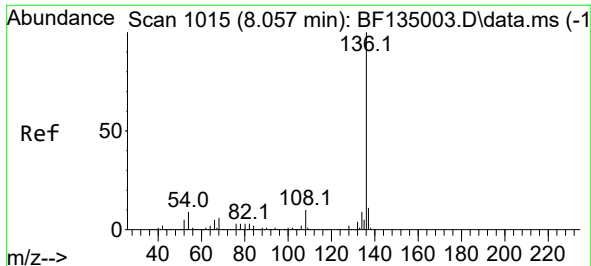
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#20
3+4-Methylphenols
Concen: 45.155 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:107 Resp: 366033
Ion Ratio Lower Upper
107 100
108 88.7 68.6 108.6
77 116.6 92.3 132.3
79 29.8 8.0 48.0





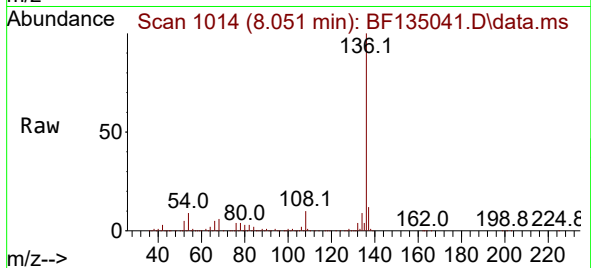
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

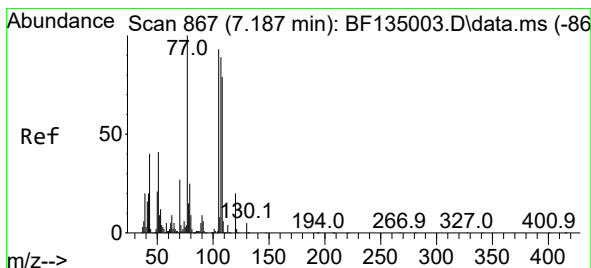
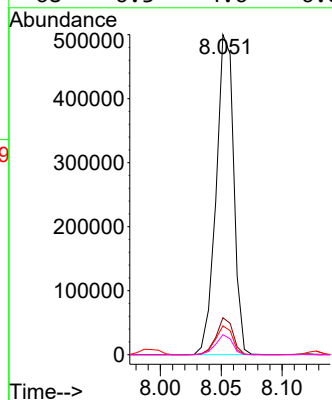
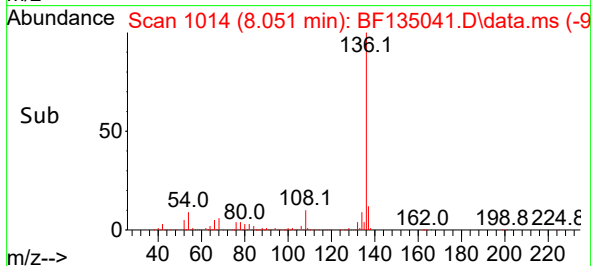


Tgt Ion:136 Resp: 502608
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 9.0 7.0 10.4
68 6.3 4.6 6.8

Manual Integrations

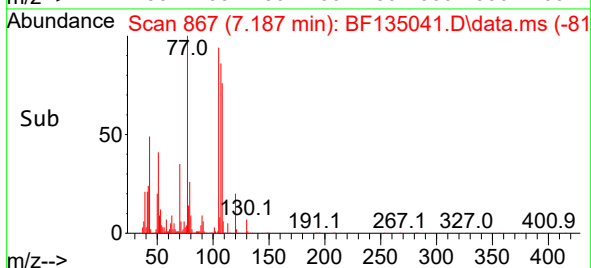
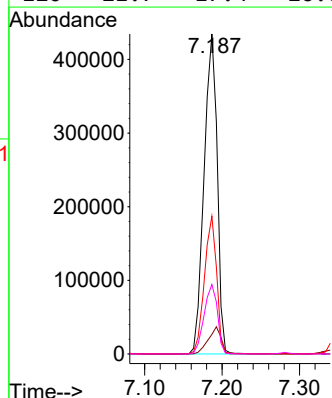
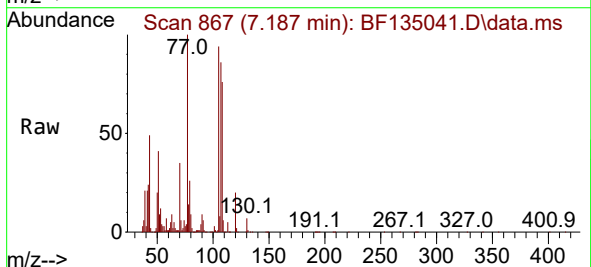
APPROVED

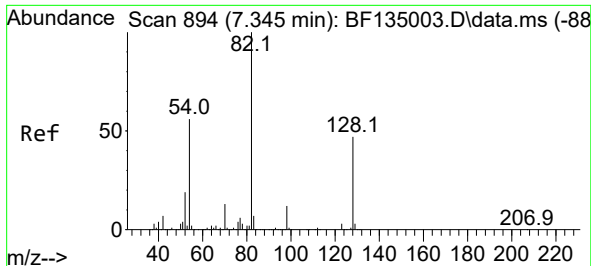
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#22
Acetophenone
Concen: 45.756 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:105 Resp: 511531
Ion Ratio Lower Upper
105 100
71 6.1 3.8 5.6#
51 43.0 35.0 52.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 88.027 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

Tgt Ion: 82 Resp: 78751

Ion Ratio Lower Upper

82 100

128 43.8 37.8 56.8

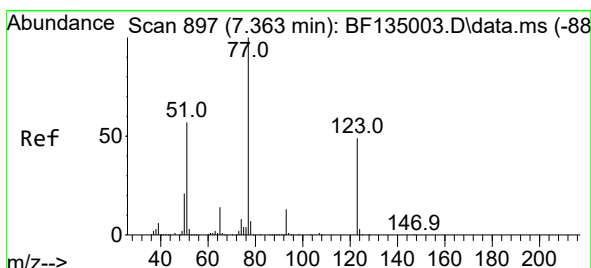
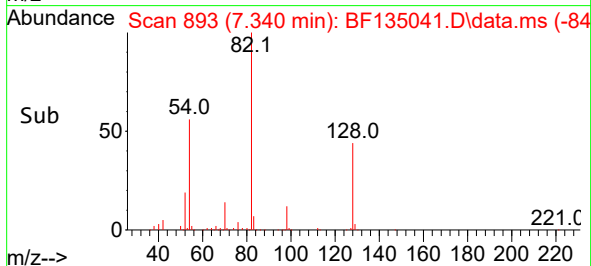
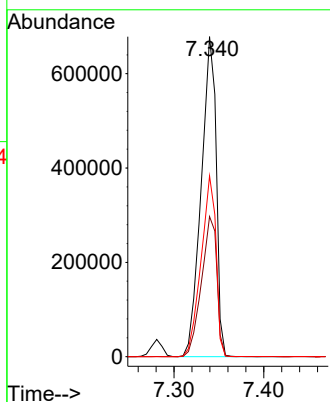
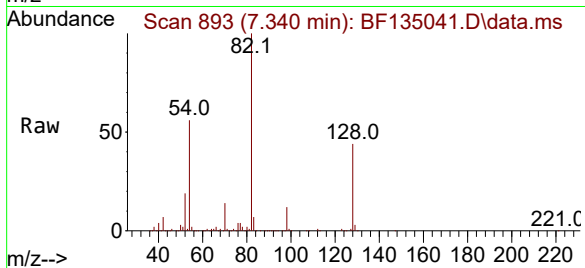
54 56.5 45.0 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#24

Nitrobenzene

Concen: 44.744 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

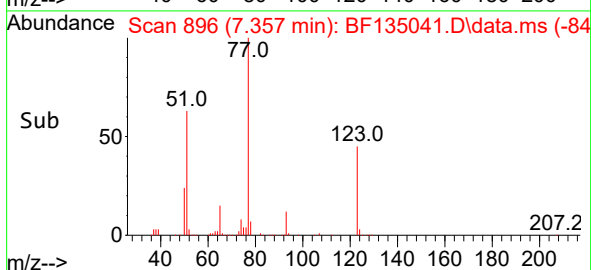
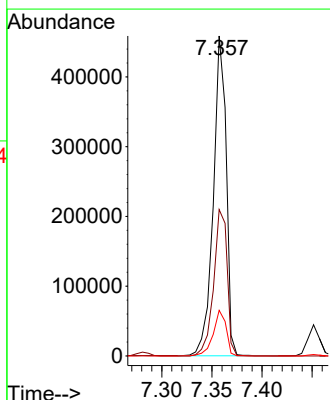
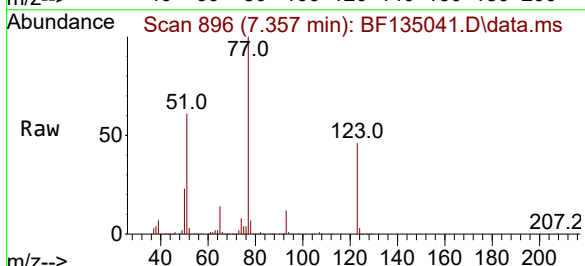
Tgt Ion: 77 Resp: 410617

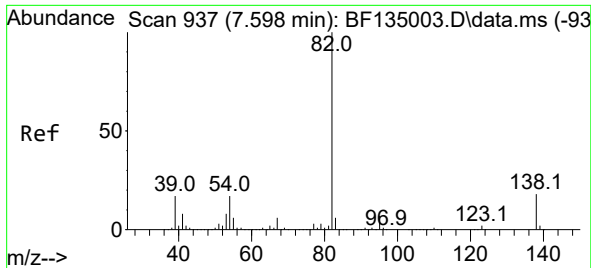
Ion Ratio Lower Upper

77 100

123 45.8 39.4 59.2

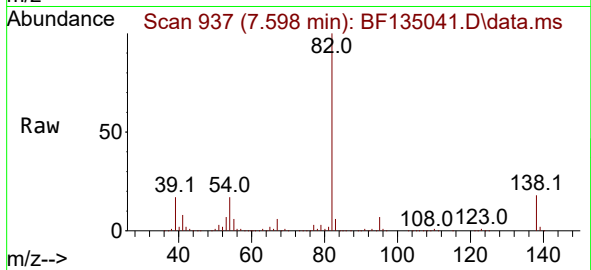
65 14.3 11.4 17.2





#25
Isophorone
Concen: 43.830 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

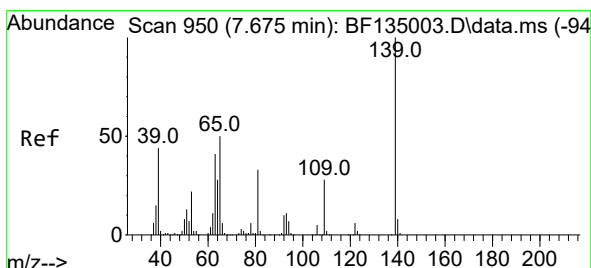
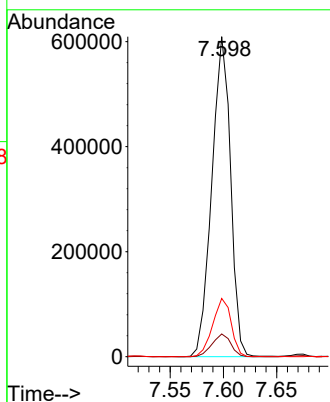
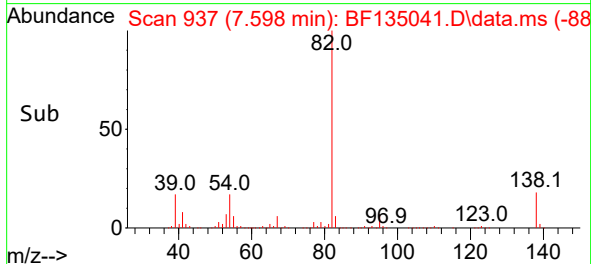
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion: 82 Resp: 743450
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.2 14.7 22.1

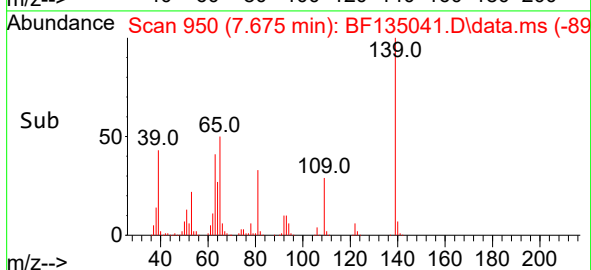
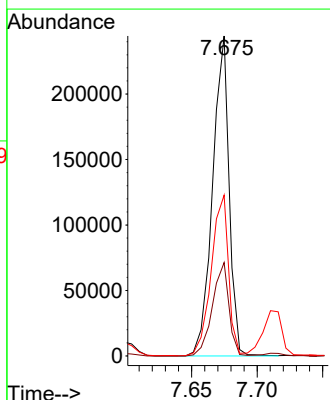
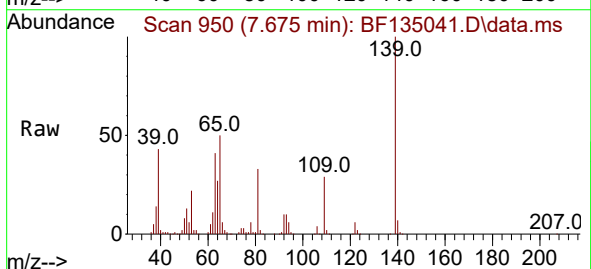
Manual Integrations
APPROVED

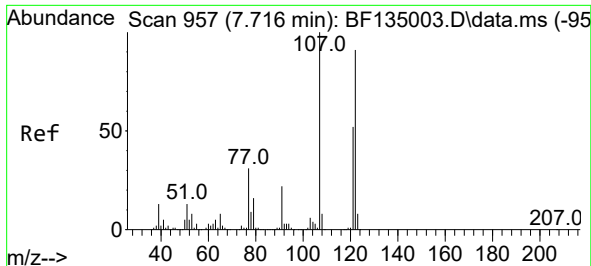
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#26
2-Nitrophenol
Concen: 47.117 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:139 Resp: 213630
Ion Ratio Lower Upper
139 100
109 29.2 22.6 34.0
65 50.3 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 46.769 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

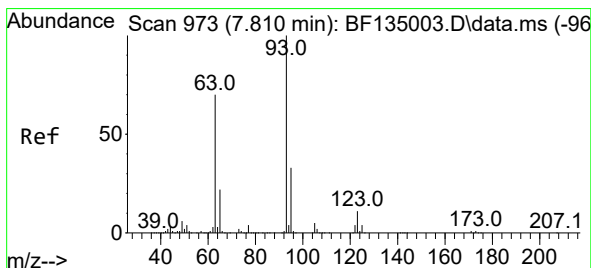
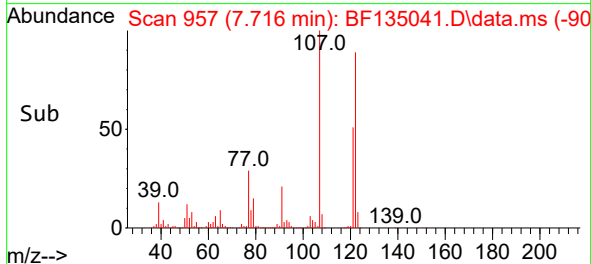
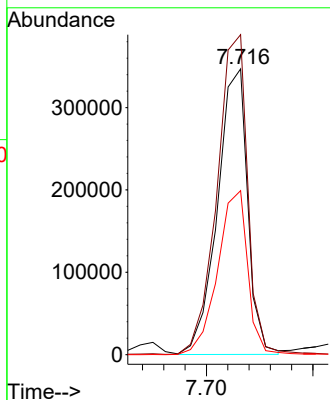
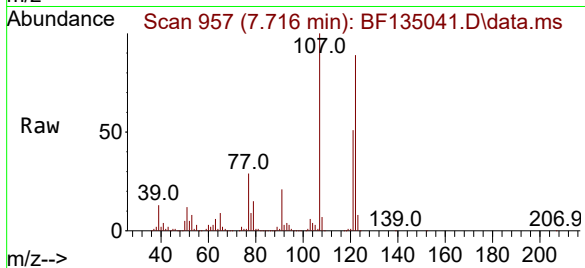
Tgt Ion:122 Resp: 341402
 Ion Ratio Lower Upper
 122 100
 107 112.0 87.8 131.8
 121 57.4 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.433 ng

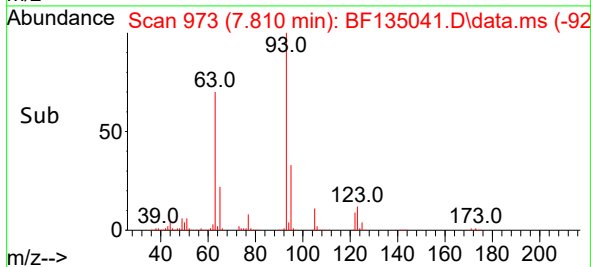
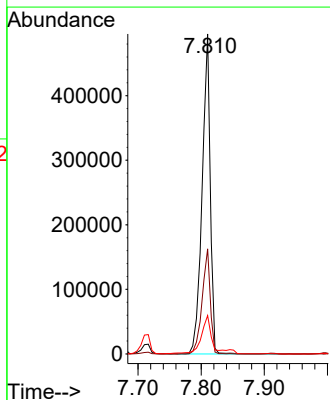
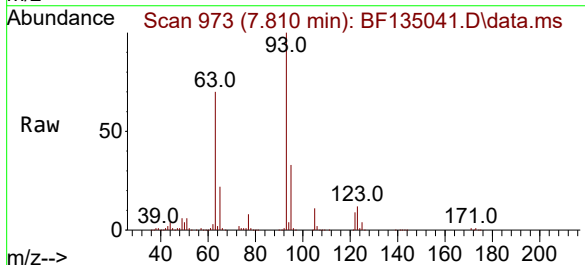
RT: 7.810 min Scan# 973

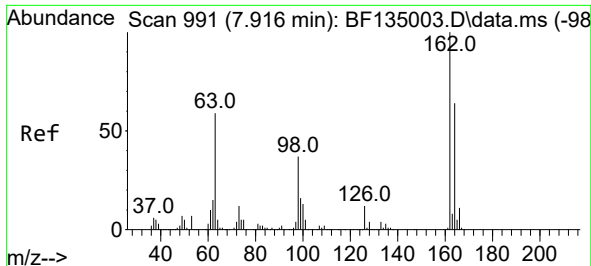
Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Tgt Ion: 93 Resp: 444404
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.641 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

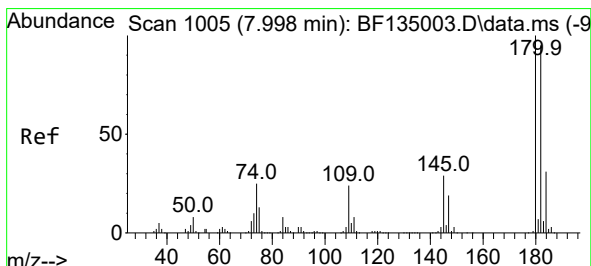
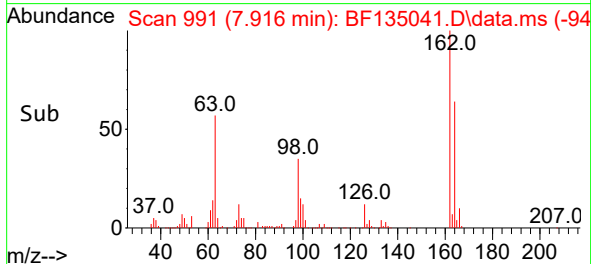
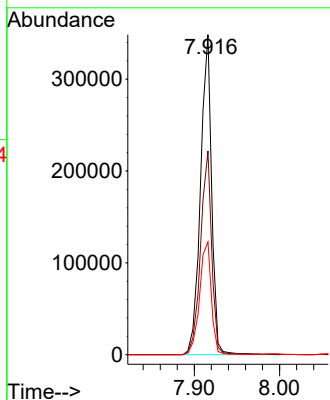
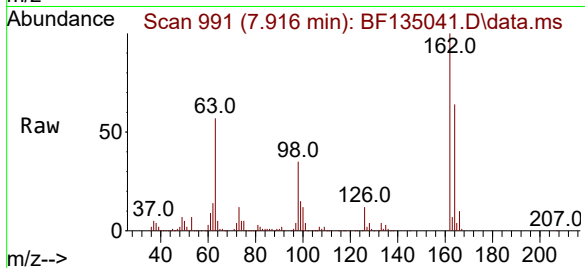
PB155118BSD

Tgt Ion:162 Resp: 31664
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.2 84.2
 98 35.3 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.092 ng

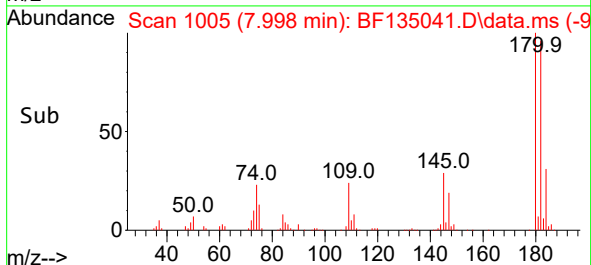
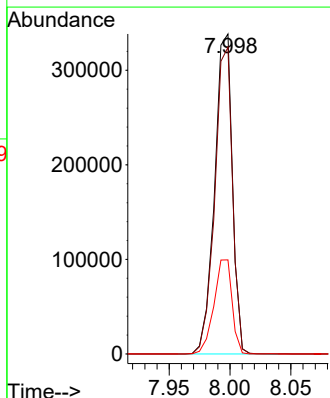
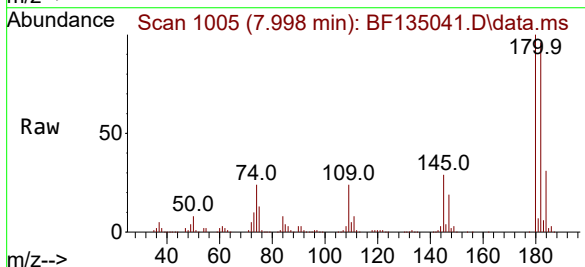
RT: 7.998 min Scan# 1005

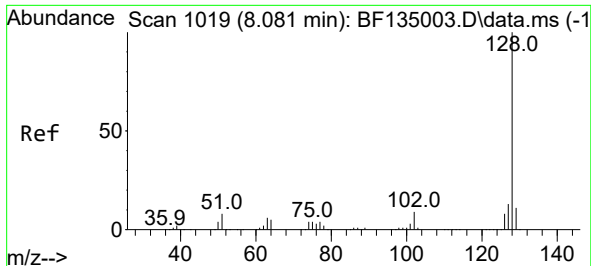
Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

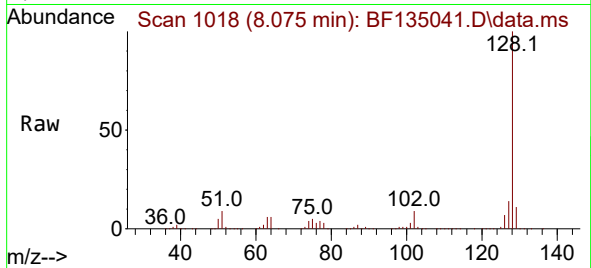
Tgt Ion:180 Resp: 345561
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.3 114.5
 145 29.4 23.5 35.3





#31
Naphthalene
Concen: 45.165 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

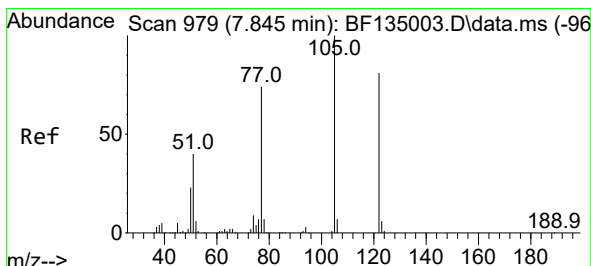
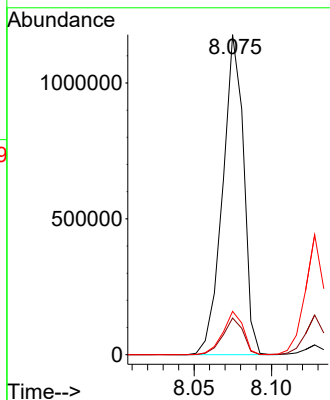
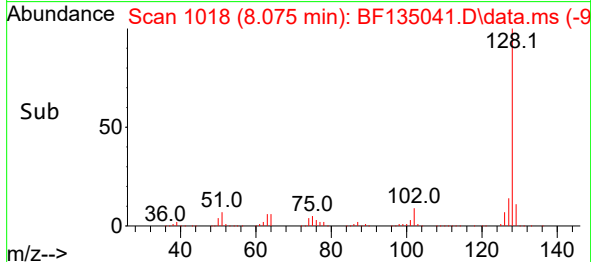
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:128 Resp: 1108904
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.6 16.0

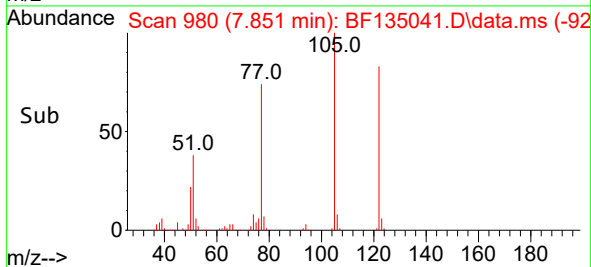
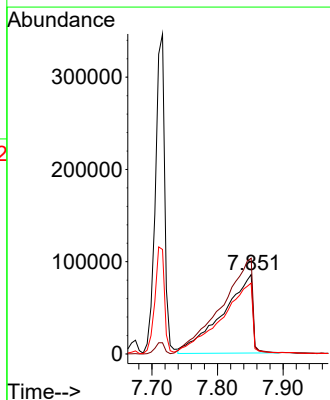
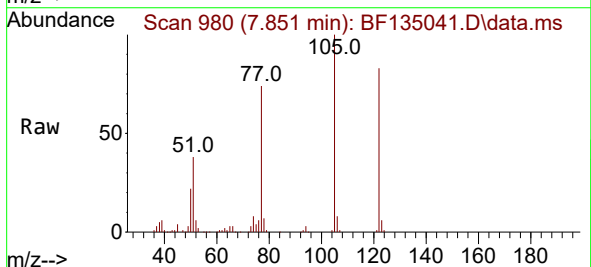
Manual Integrations
APPROVED

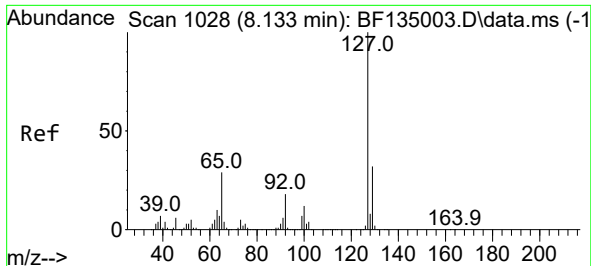
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#32
Benzoic acid
Concen: 46.773 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:122 Resp: 273120
Ion Ratio Lower Upper
122 100
105 120.5 99.8 139.8
77 89.4 69.5 109.5





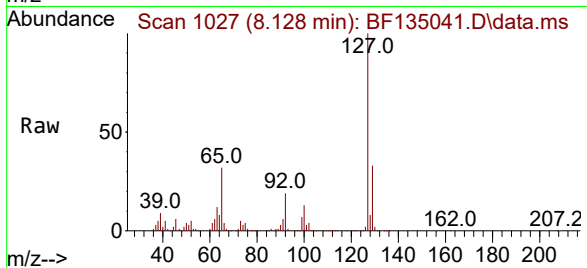
#33
4-Chloroaniline
Concen: 35.537 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

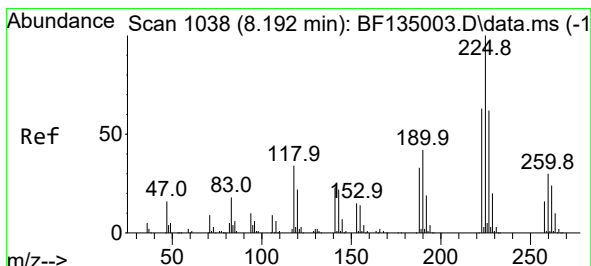
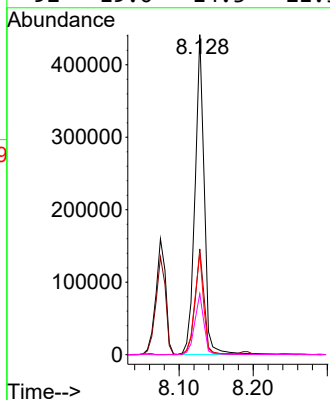
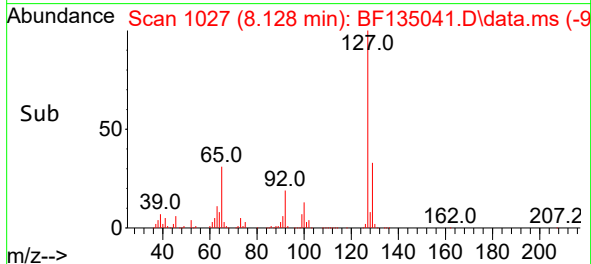


Tgt Ion:127 Resp: 381629
Ion Ratio Lower Upper
127 100
129 33.0 25.6 38.4
65 31.8 23.1 34.7
92 19.0 14.3 21.5

Manual Integrations

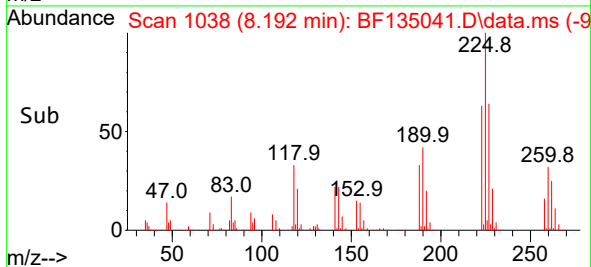
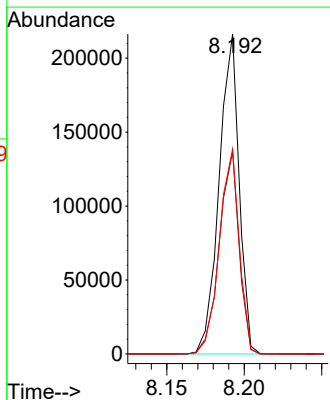
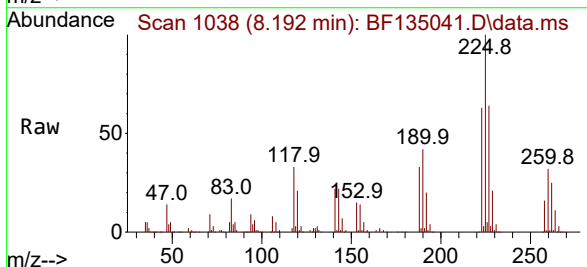
APPROVED

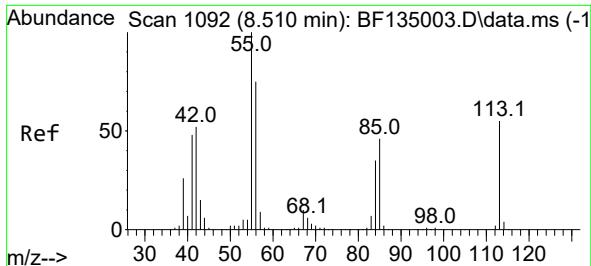
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#34
Hexachlorobutadiene
Concen: 45.607 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

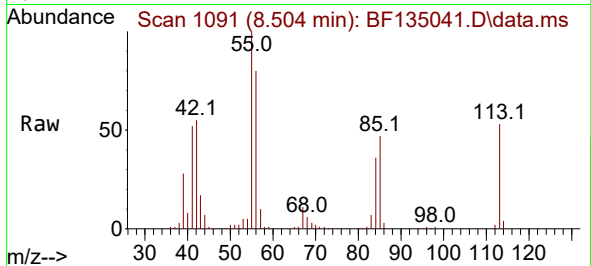
Tgt Ion:225 Resp: 194047
Ion Ratio Lower Upper
225 100
223 63.1 50.7 76.1
227 64.1 49.6 74.4





#35
Caprolactam
Concen: 49.179 ng m
RT: 8.504 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

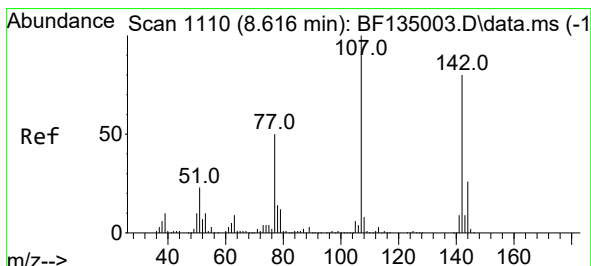
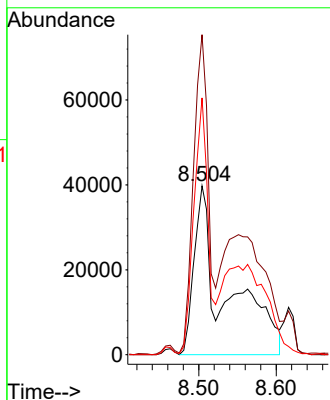
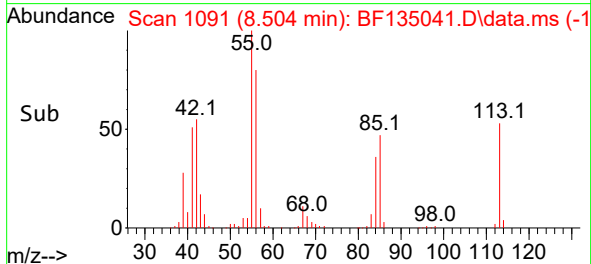
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:113 Resp: 11171
Ion Ratio Lower Upper
113 100
55 189.6 160.6 200.6
56 152.2 115.4 155.4

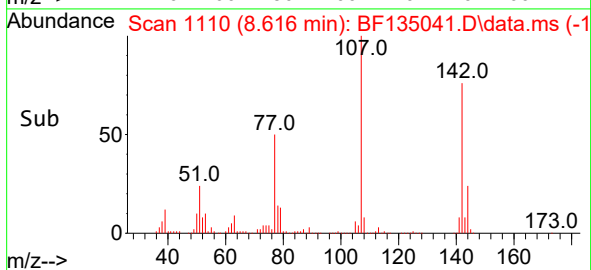
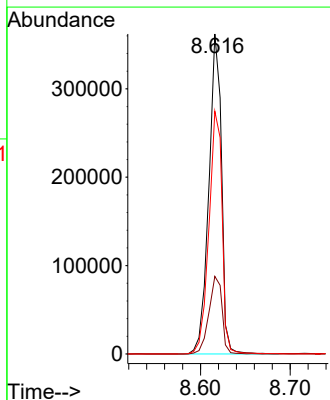
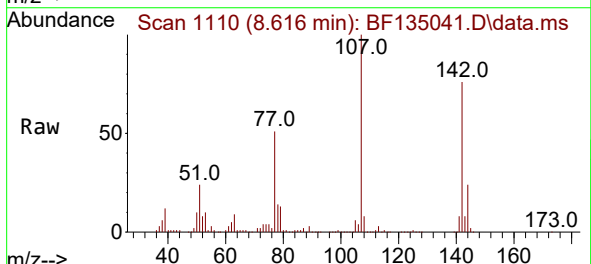
Manual Integrations
APPROVED

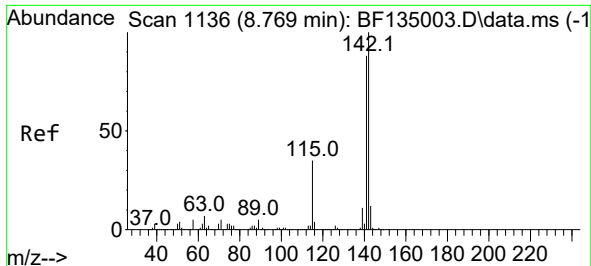
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#36
4-Chloro-3-methylphenol
Concen: 47.109 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:107 Resp: 354984
Ion Ratio Lower Upper
107 100
144 24.2 20.6 31.0
142 75.9 64.4 96.6





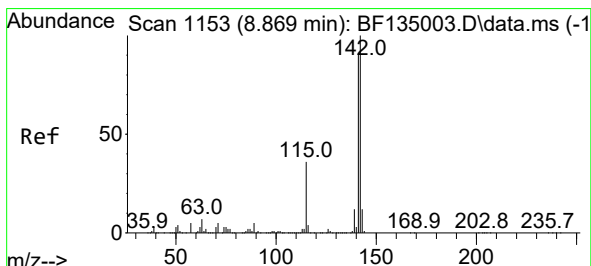
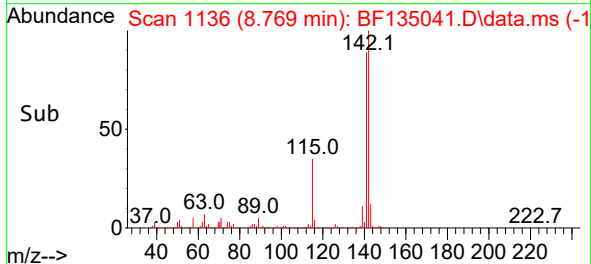
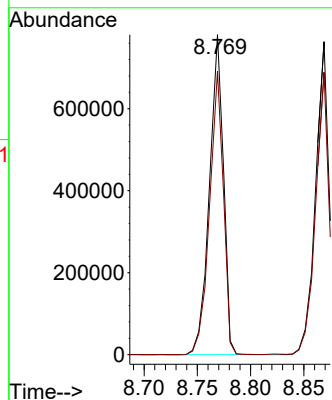
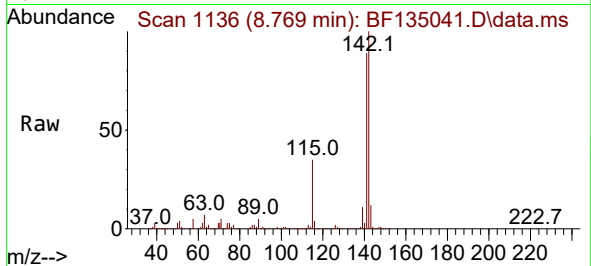
#37
2-Methylnaphthalene
Concen: 43.686 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :
BNA_F
ClientSampleId :
PB155118BSD

Tgt Ion:142 Resp: 715650
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1

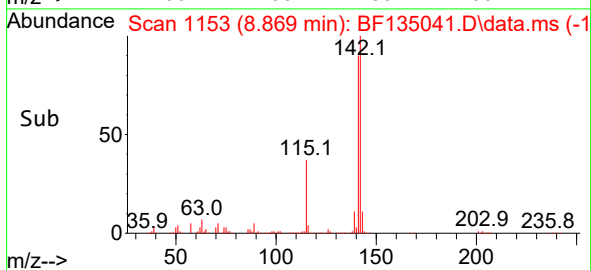
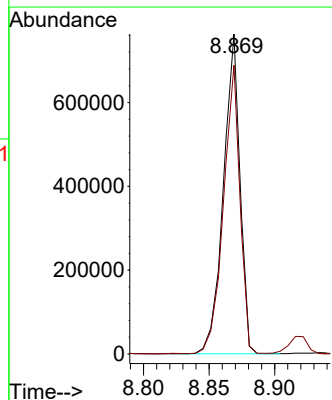
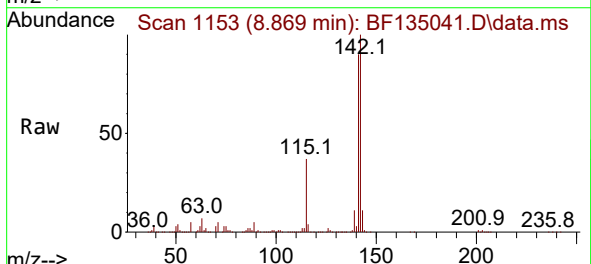
Manual Integrations
APPROVED

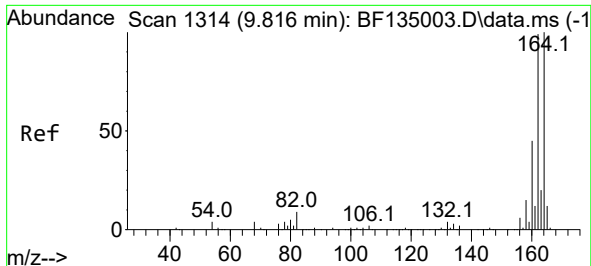
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#38
1-Methylnaphthalene
Concen: 43.781 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

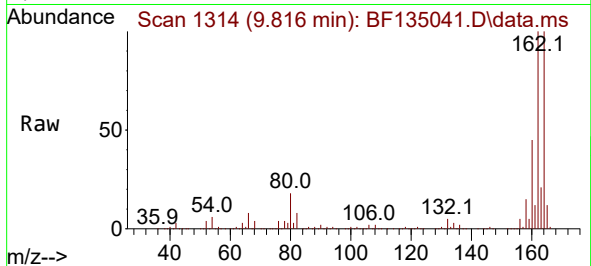
Tgt Ion:142 Resp: 671087
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

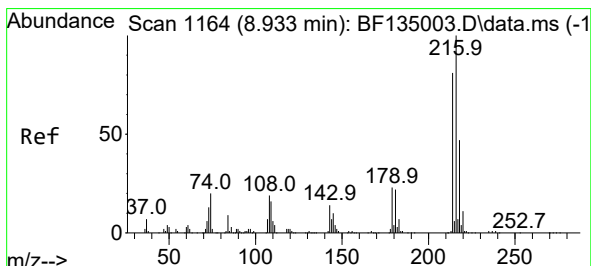
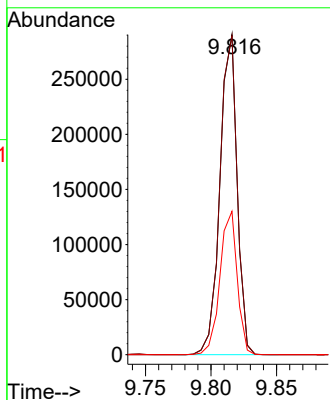
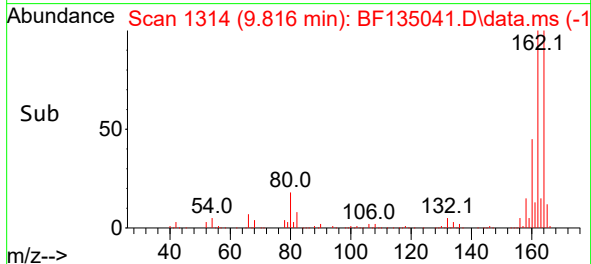
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:164 Resp: 263579
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.8 36.0 54.0

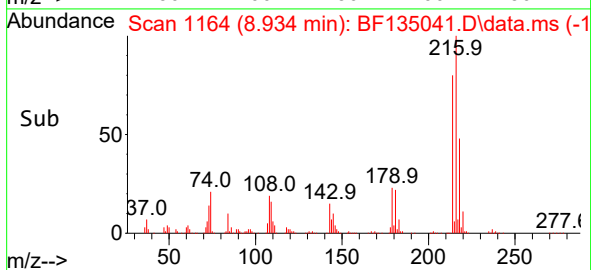
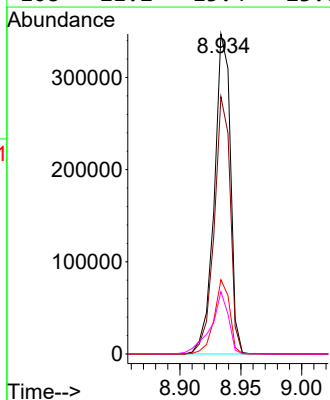
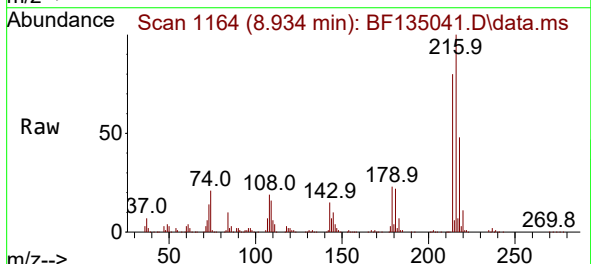
Manual Integrations
APPROVED

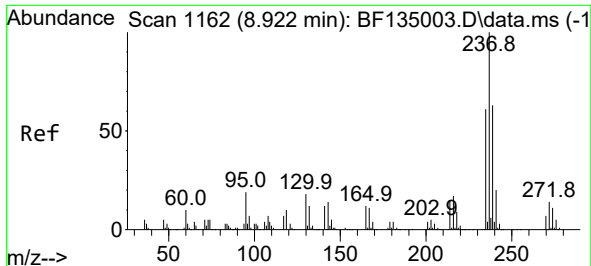
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.641 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

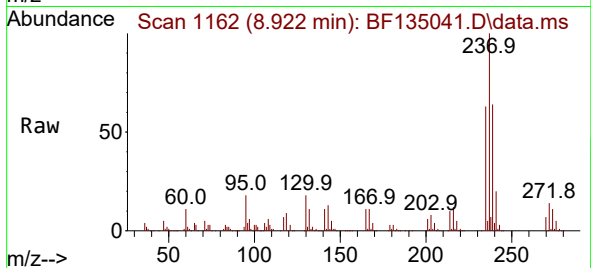
Tgt Ion:216 Resp: 322011
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 22.1 17.7 26.5
108 21.2 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 106.645 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

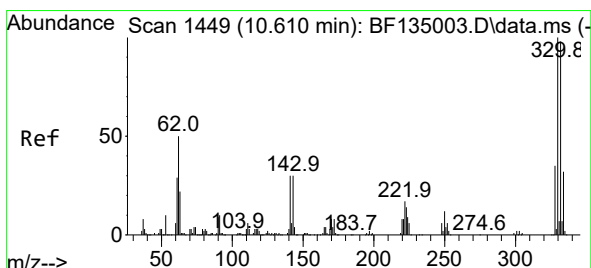
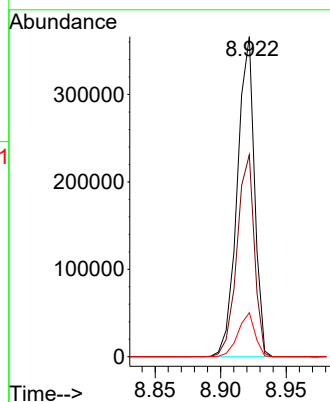
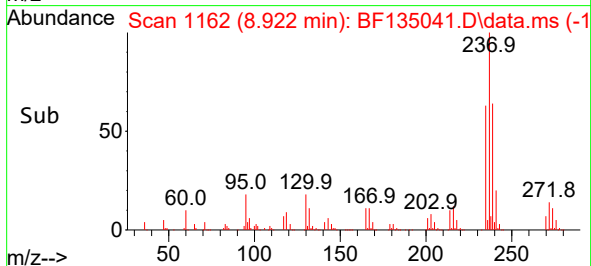
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



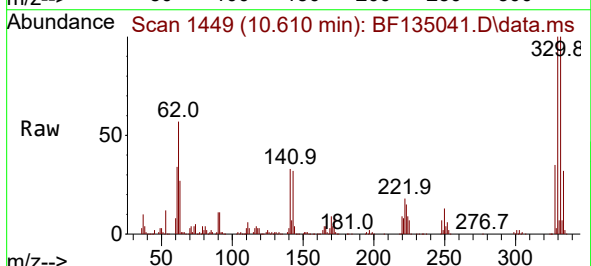
Tgt Ion:237 Resp: 334918
Ion Ratio Lower Upper
237 100
235 63.1 40.9 80.9
272 13.7 0.0 33.9

Manual Integrations
APPROVED

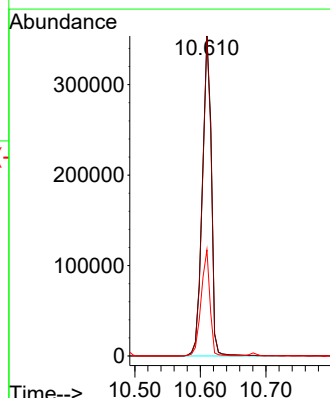
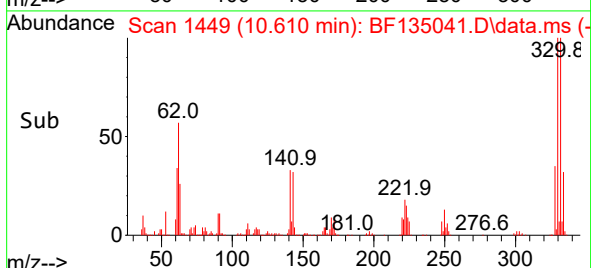
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

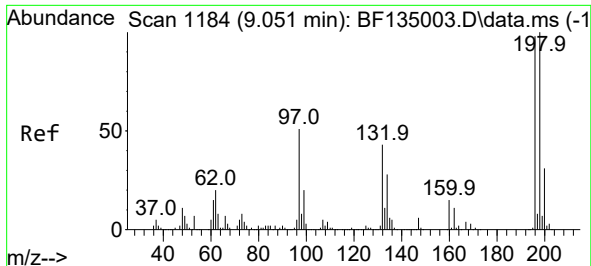


#42
2,4,6-Tribromophenol
Concen: 122.071 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



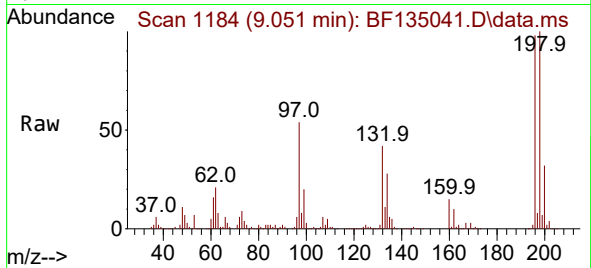
Tgt Ion:330 Resp: 341313
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 32.3 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 45.805 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

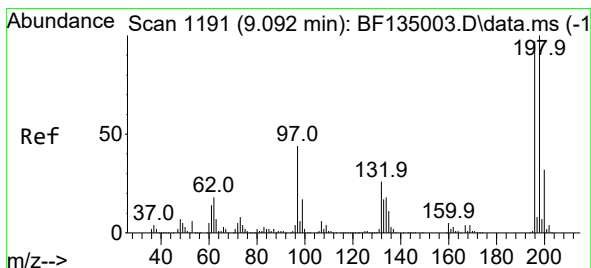
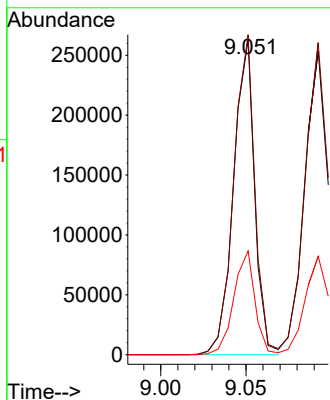
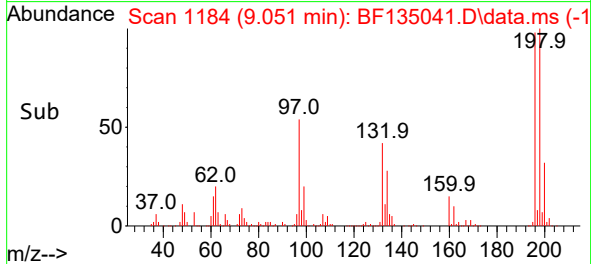
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:196 Resp: 226979
Ion Ratio Lower Upper
196 100
198 101.7 81.8 122.6
200 32.9 25.7 38.5

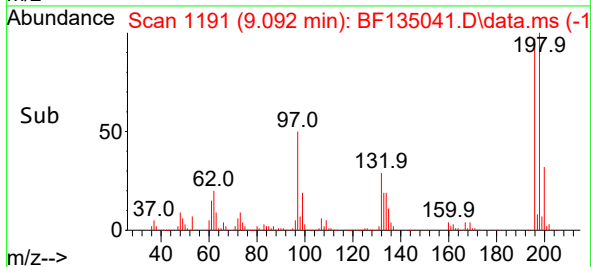
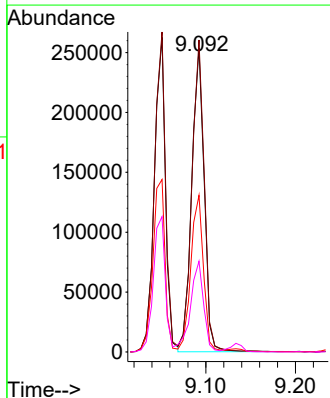
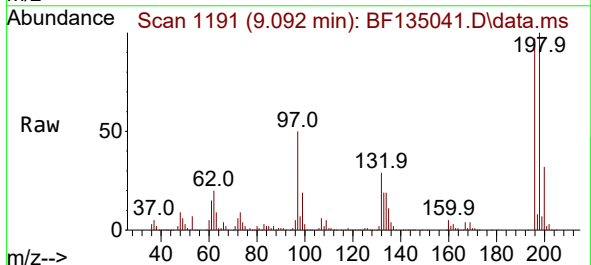
Manual Integrations
APPROVED

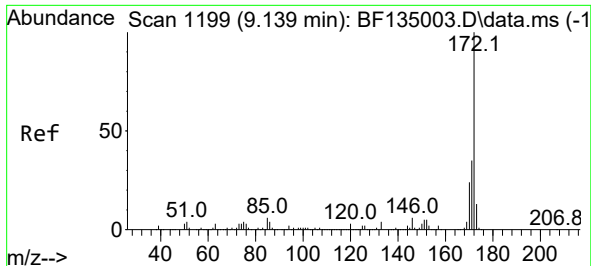
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#44
2,4,5-Trichlorophenol
Concen: 42.911 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

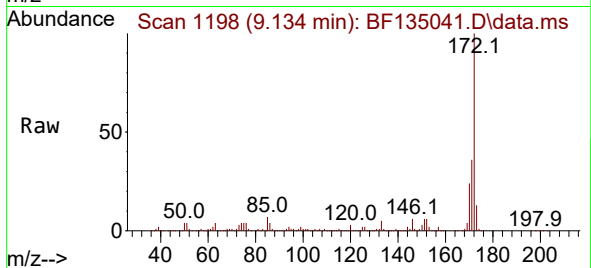
Tgt Ion:196 Resp: 246177
Ion Ratio Lower Upper
196 100
198 102.7 82.8 124.2
97 51.6 36.5 54.7
132 29.8 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 83.208 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

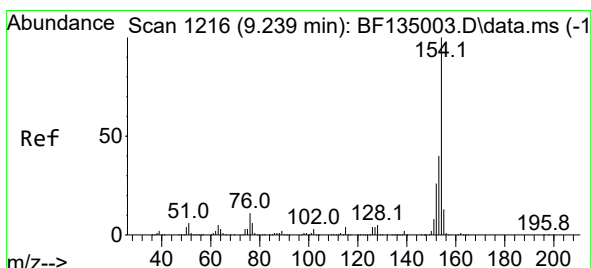
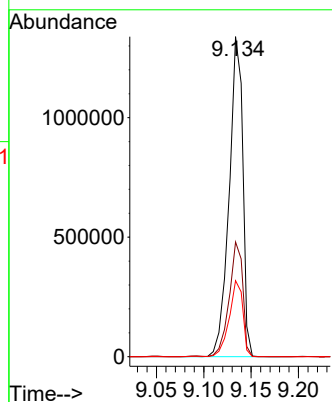
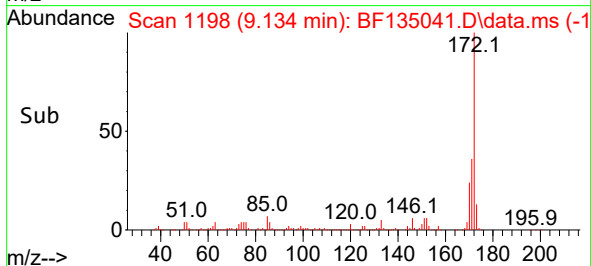
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:172 Resp: 1347083
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.8 19.0 28.4

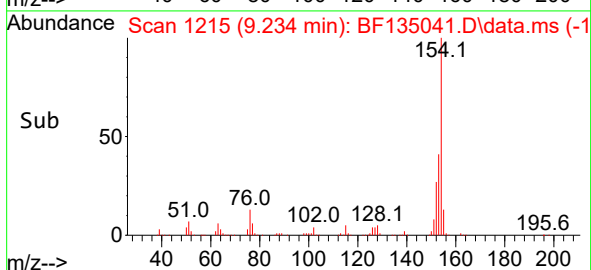
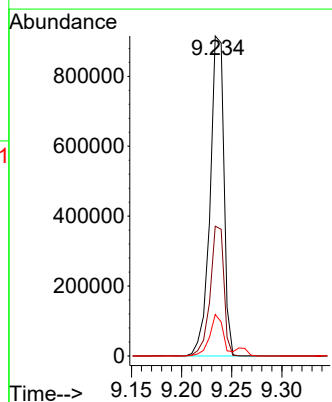
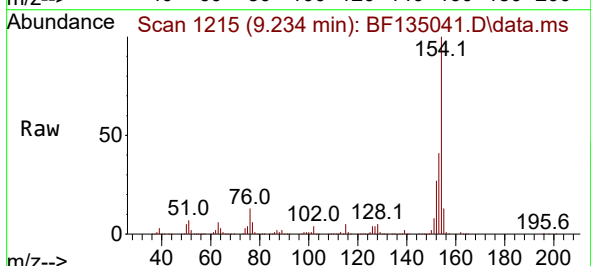
Manual Integrations
APPROVED

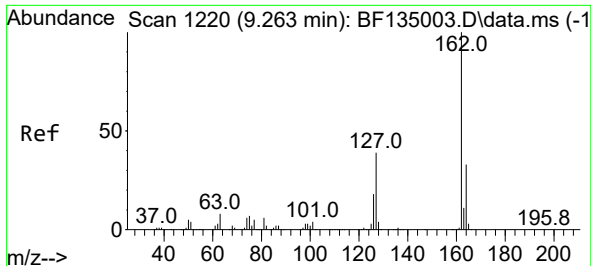
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#46
1,1'-Biphenyl
Concen: 43.796 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:154 Resp: 881967
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 12.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 45.617 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

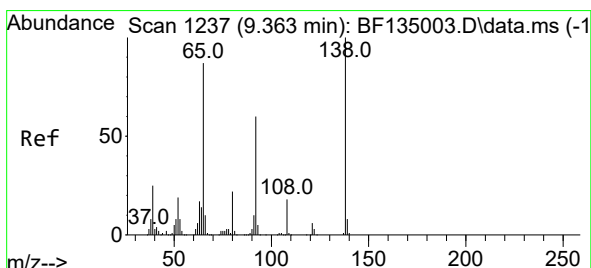
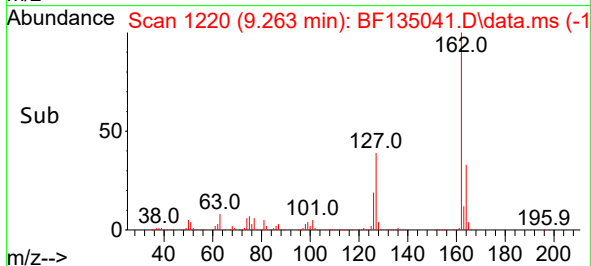
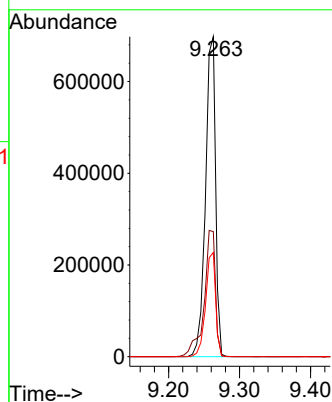
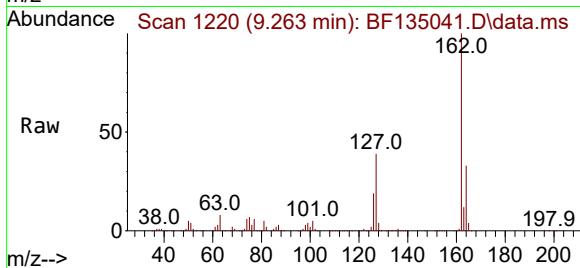
Tgt Ion:	162	Resp:	69080
Ion Ratio	Lower	Upper	
162	100		
127	39.1	31.8	47.6
164	32.5	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#48

2-Nitroaniline

Concen: 45.301 ng

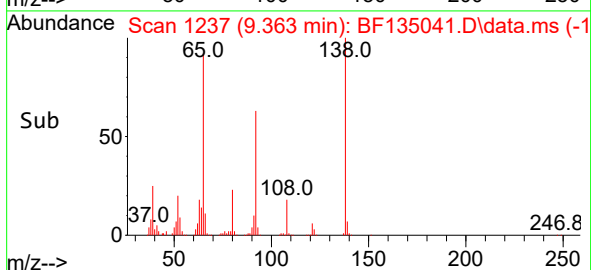
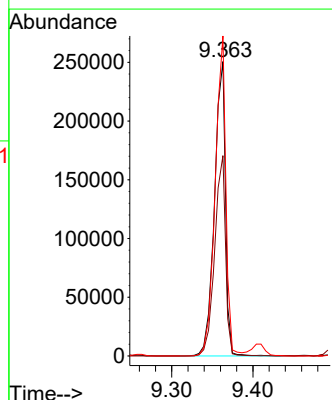
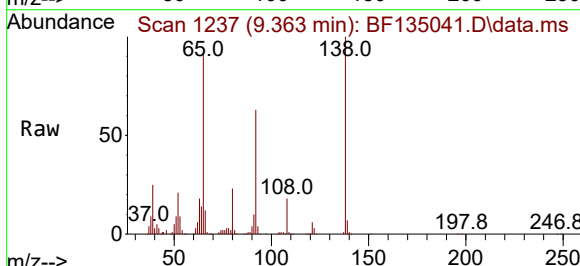
RT: 9.363 min Scan# 1237

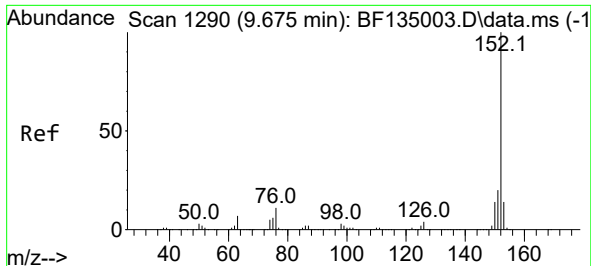
Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Tgt Ion:	65	Resp:	234838
Ion Ratio	Lower	Upper	
65	100		
92	68.0	54.9	82.3
138	108.7	91.6	137.4





#49

Acenaphthylene

Concen: 44.262 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF135041.D

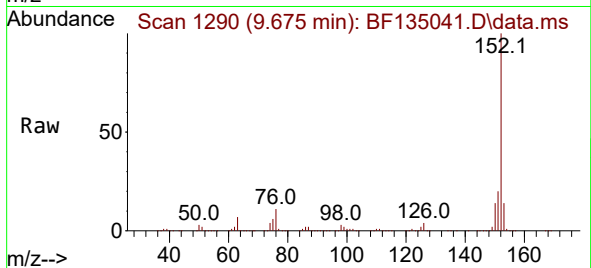
Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD



Tgt Ion:152 Resp: 101324

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

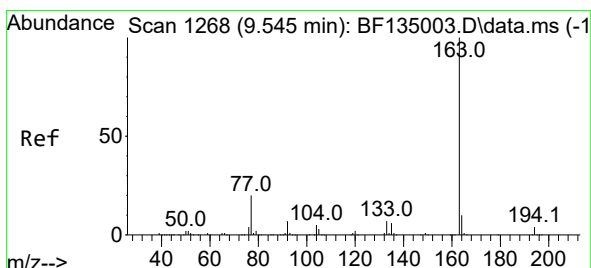
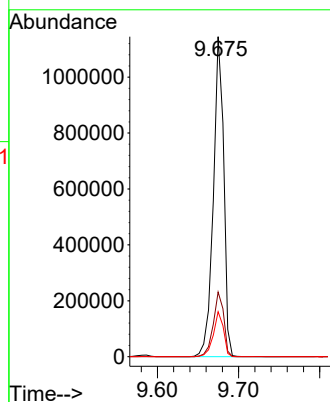
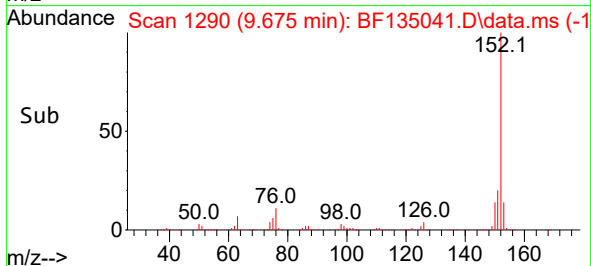
153 14.0 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#50

Dimethylphthalate

Concen: 44.274 ng

RT: 9.545 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

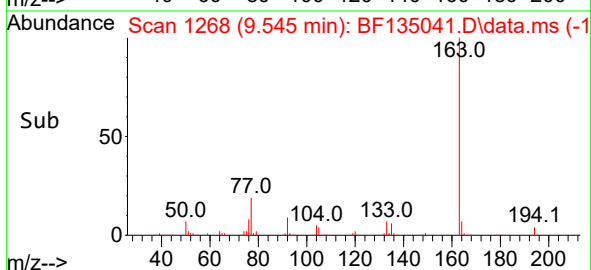
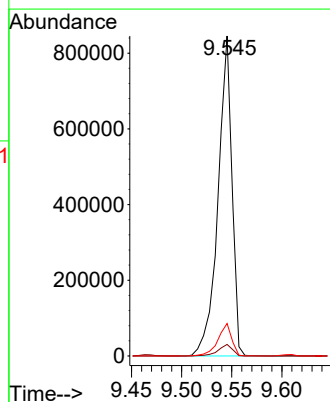
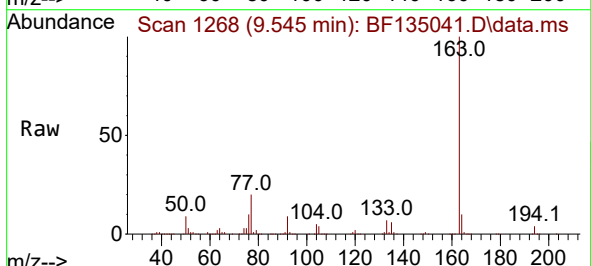
Tgt Ion:163 Resp: 817133

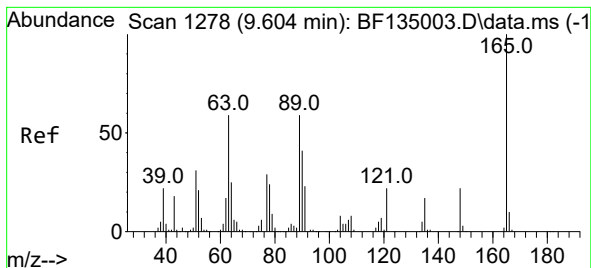
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

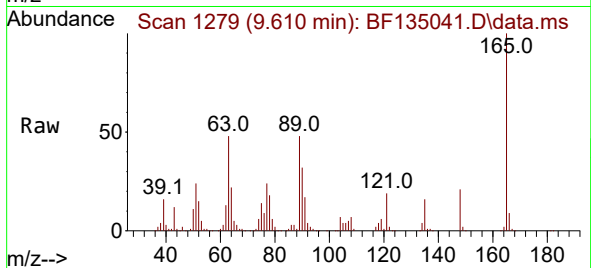
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.939 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

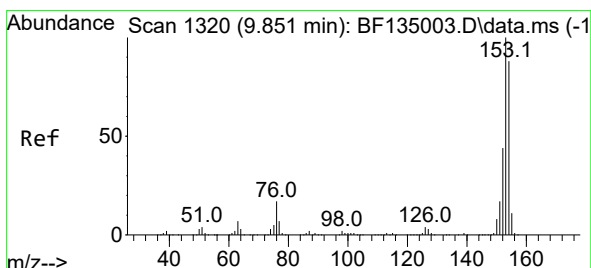
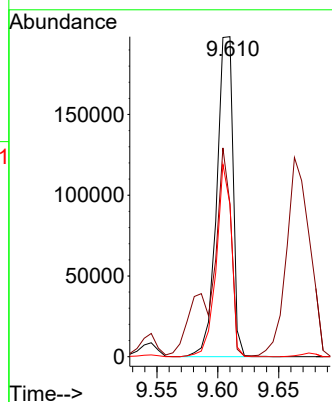
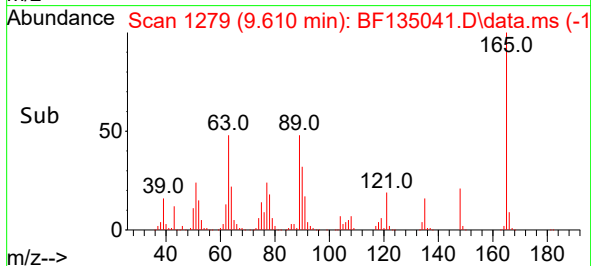
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:165 Resp: 186039
Ion Ratio Lower Upper
165 100
63 47.7 50.4 75.6
89 47.6 47.1 70.7

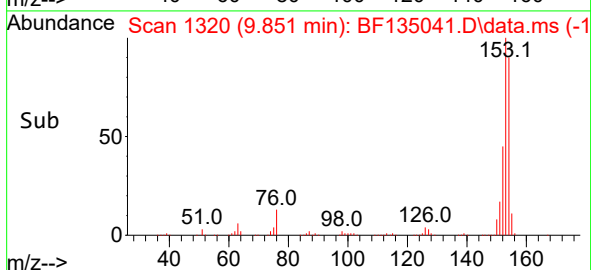
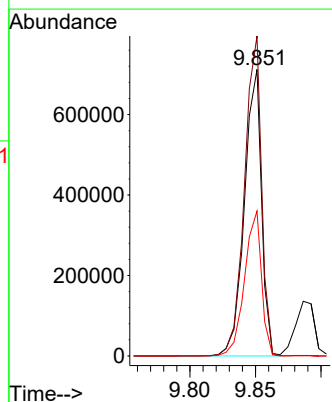
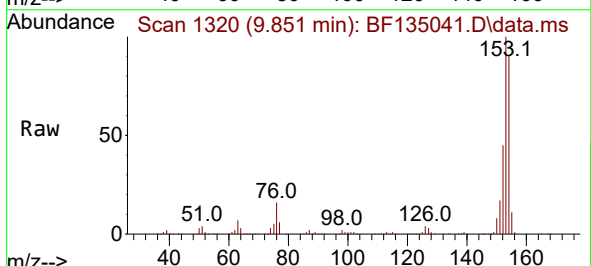
Manual Integrations
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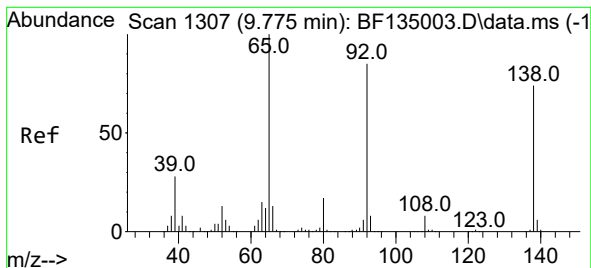
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 44.524 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Tgt Ion:154 Resp: 649528
Ion Ratio Lower Upper
154 100
153 111.7 90.8 136.2
152 50.6 40.2 60.4





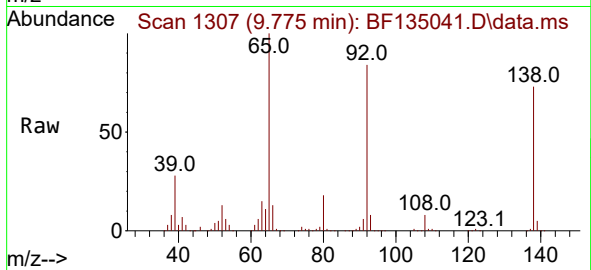
#53
3-Nitroaniline
Concen: 38.473 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

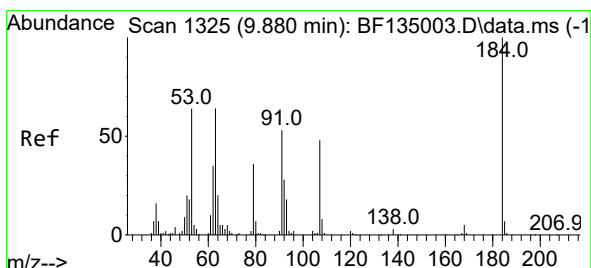
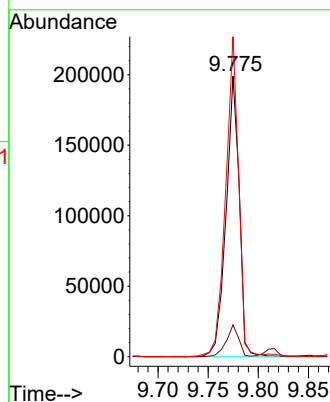
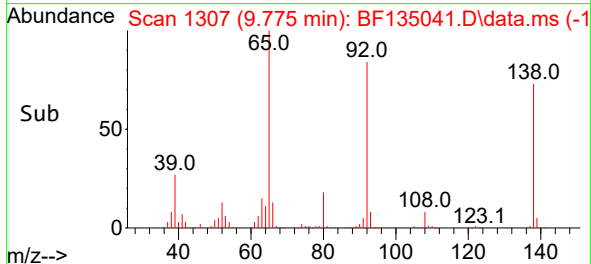


Tgt Ion:138 Resp: 18149
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 114.1 92.2 138.4

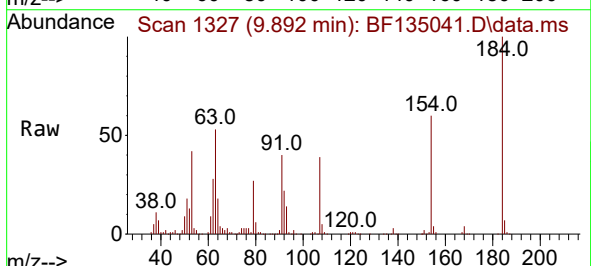
Manual Integrations

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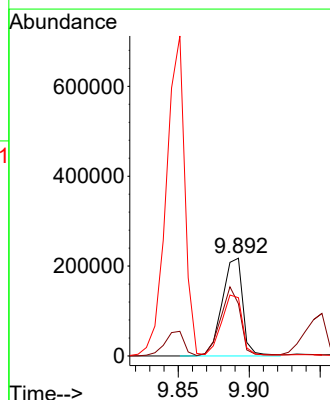
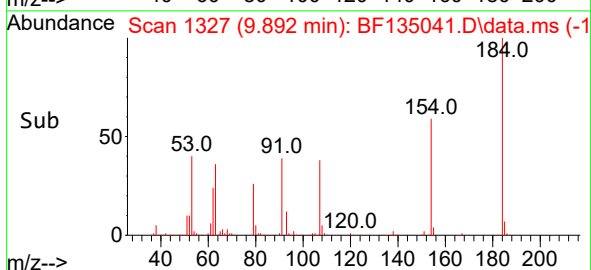
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

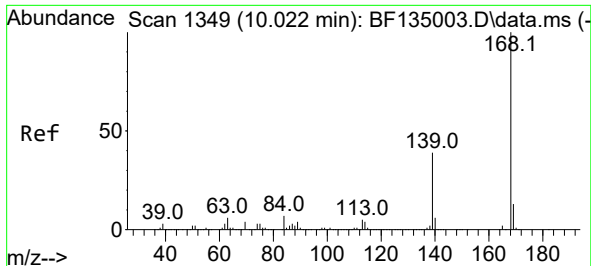


#54
2,4-Dinitrophenol
Concen: 114.112 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



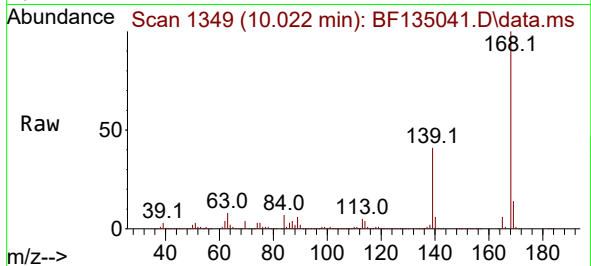
Tgt Ion:184 Resp: 220862
Ion Ratio Lower Upper
184 100
63 53.4 62.2 93.2#
154 59.5 52.3 78.5





#55
Dibenzenofuran
Concen: 43.430 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

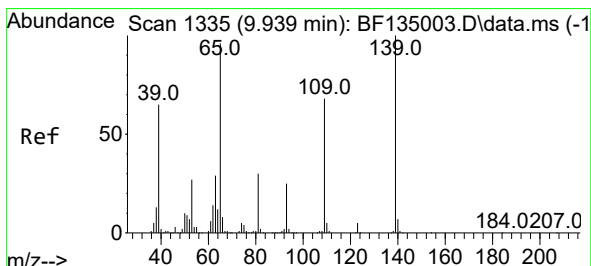
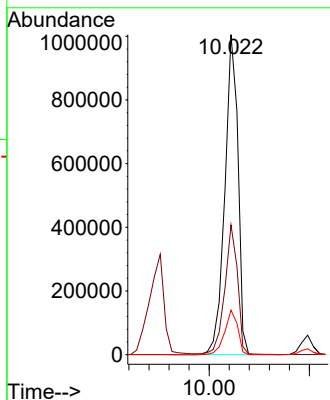
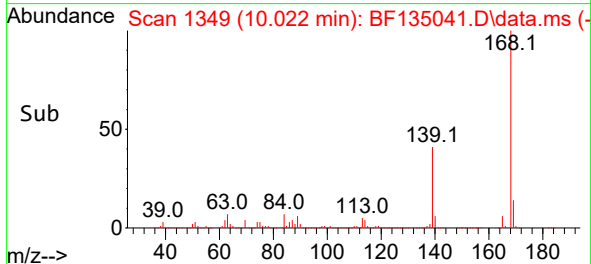
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:168 Resp: 91395
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.9 10.7 16.1

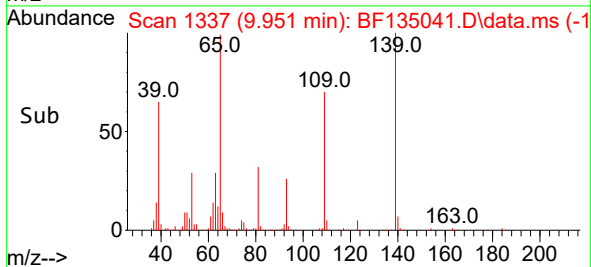
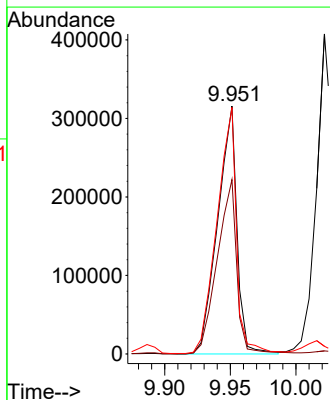
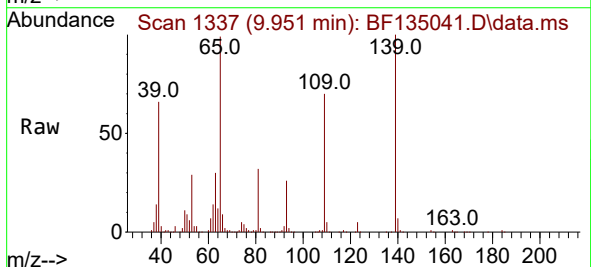
Manual Integrations
APPROVED

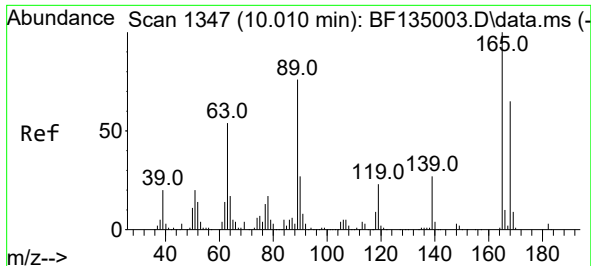
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#56
4-Nitrophenol
Concen: 97.399 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

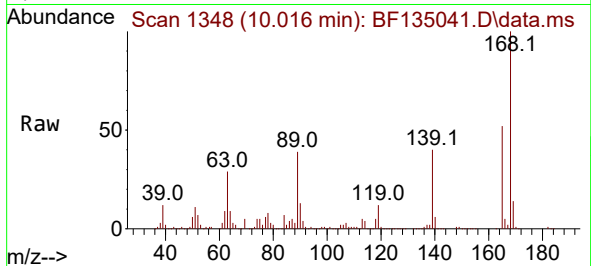
Tgt Ion:139 Resp: 322980
Ion Ratio Lower Upper
139 100
109 70.4 47.7 87.7
65 99.5 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 46.349 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

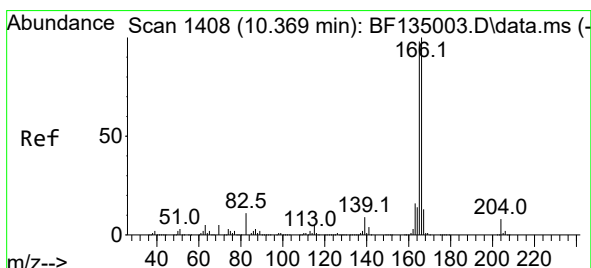
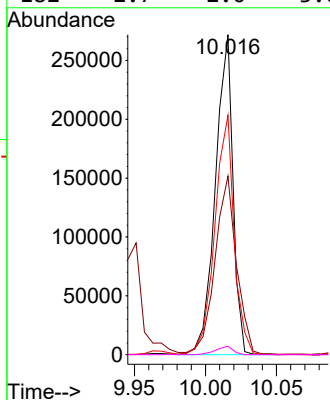
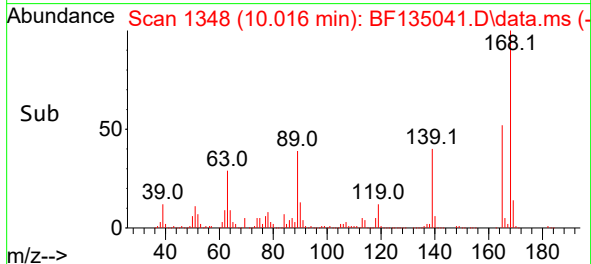
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



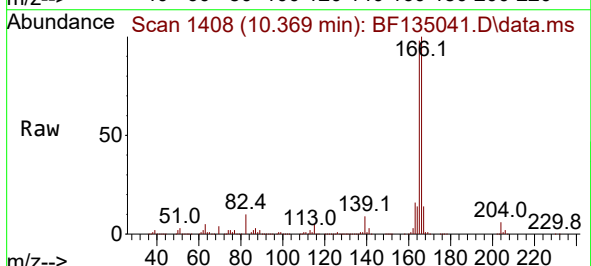
Tgt Ion:165 Resp: 233917
Ion Ratio Lower Upper
165 100
63 55.8 43.2 64.8
89 74.8 60.8 91.2
182 2.7 2.0 3.0

Manual Integrations
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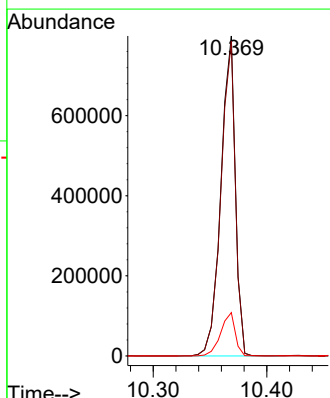
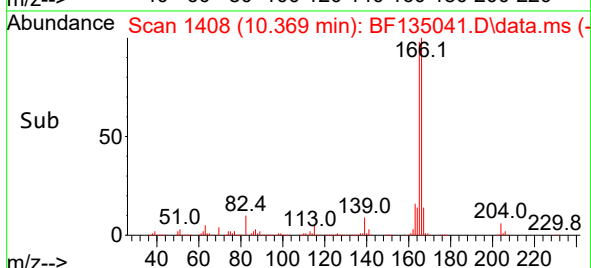
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

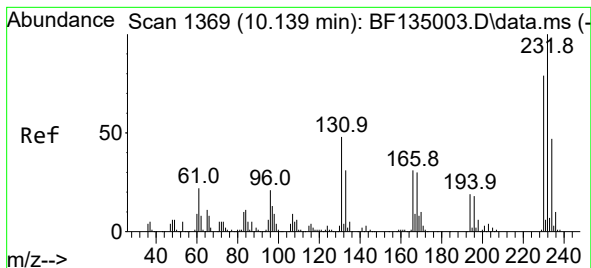


#58
Fluorene
Concen: 44.070 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



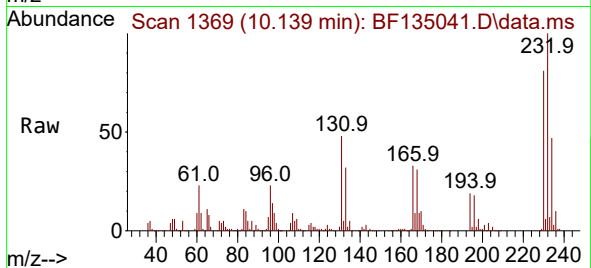
Tgt Ion:166 Resp: 707039
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.039 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

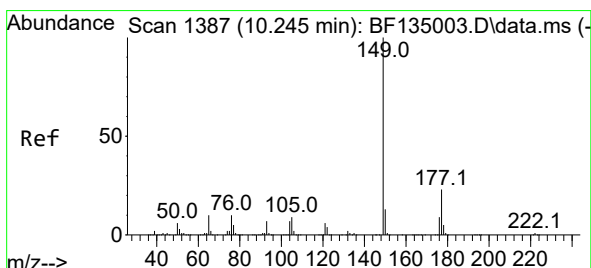
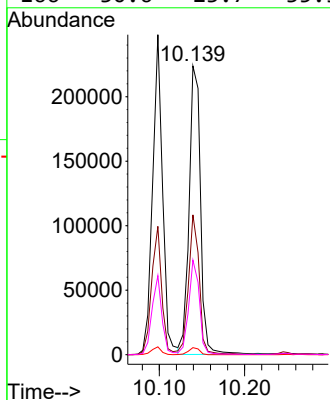
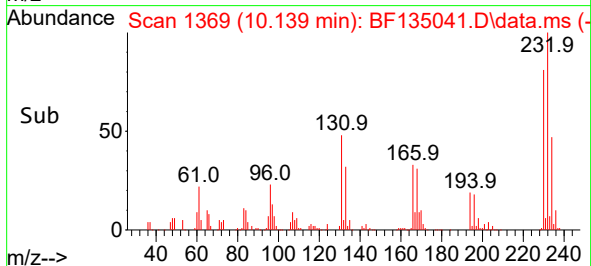
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



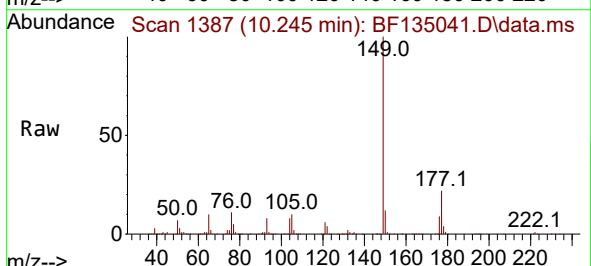
Tgt Ion:232 Resp: 207802
Ion Ratio Lower Upper
232 100
131 46.1 35.3 52.9
130 2.3 1.7 2.5
166 30.6 23.7 35.5

Manual Integrations
APPROVED

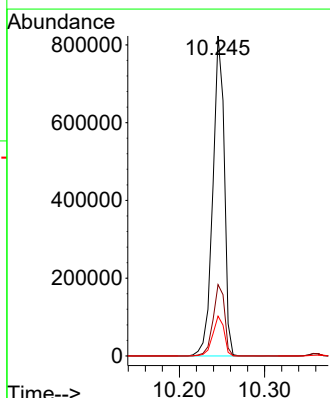
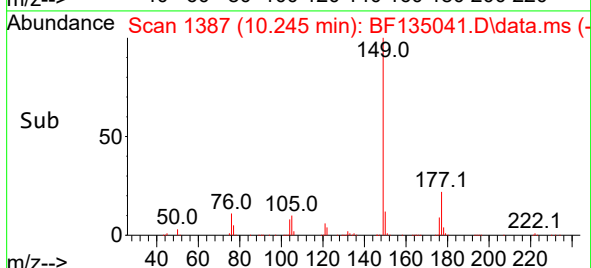
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

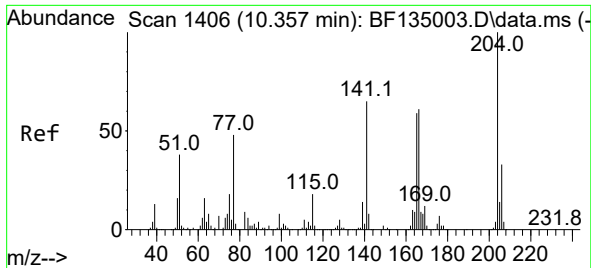


#60
Diethylphthalate
Concen: 44.229 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



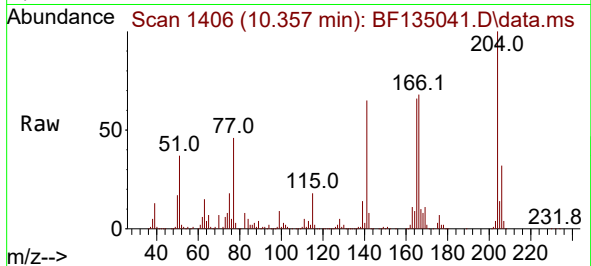
Tgt Ion:149 Resp: 768412
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.291 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

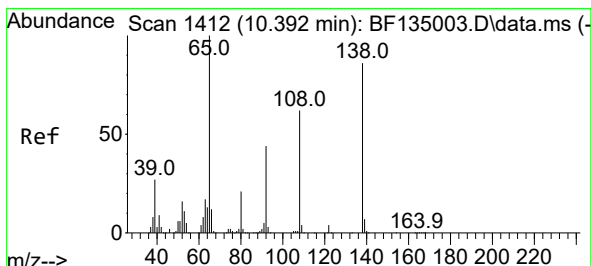
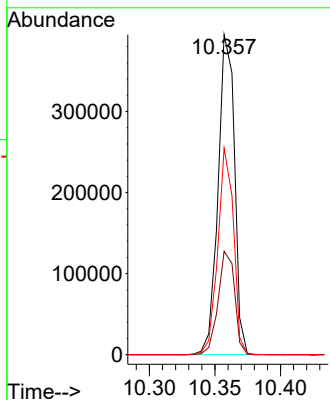
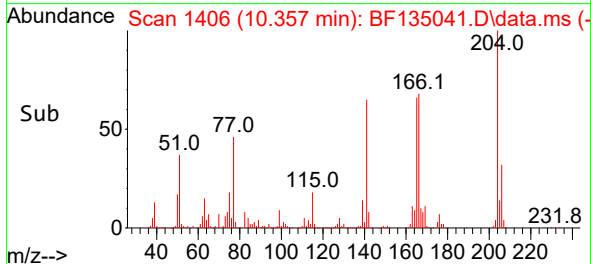
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



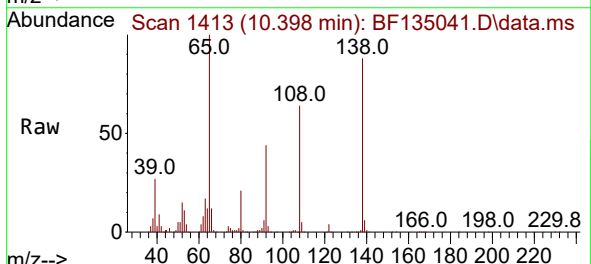
Tgt Ion:204 Resp: 343548
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 64.5 51.8 77.6

Manual Integrations
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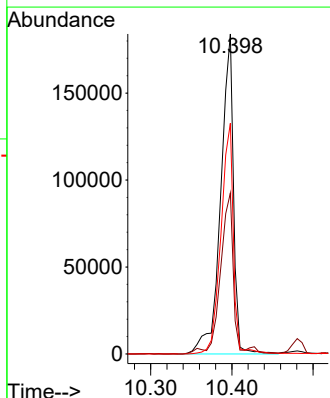
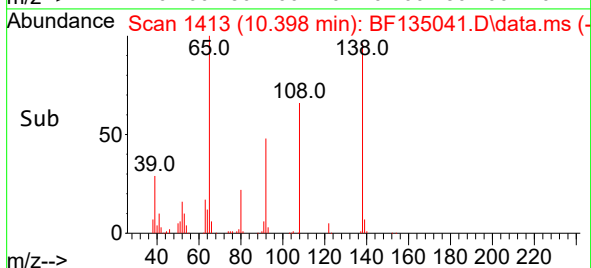
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

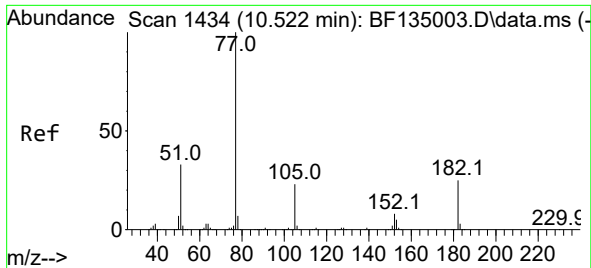


#62
4-Nitroaniline
Concen: 44.019 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



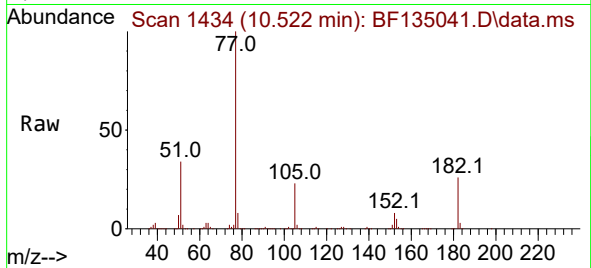
Tgt Ion:138 Resp: 203189
Ion Ratio Lower Upper
138 100
92 50.3 30.7 70.7
108 72.1 51.7 91.7





#63
Azobenzene
Concen: 43.417 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

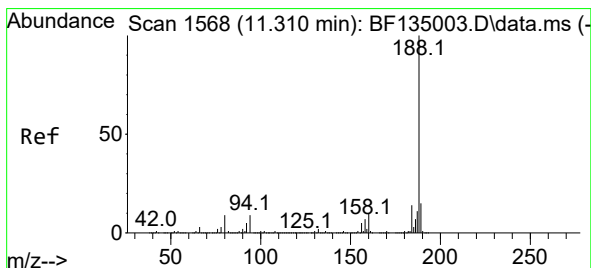
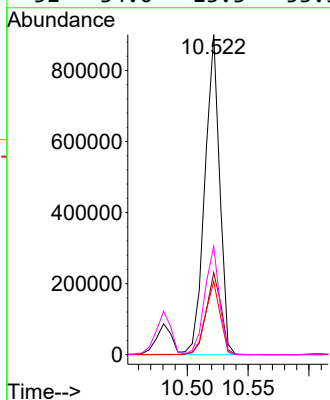
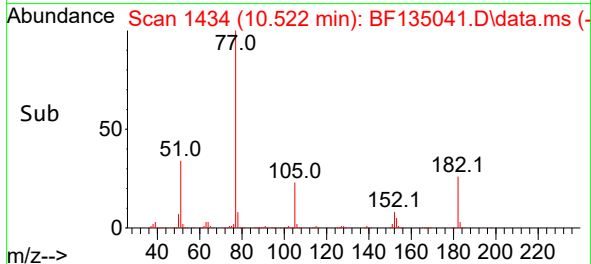
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



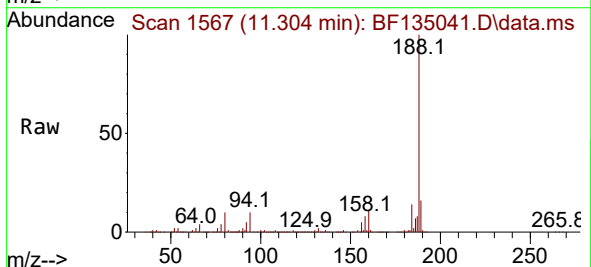
Tgt Ion: 77 Resp: 759504
Ion Ratio Lower Upper
77 100
182 25.6 4.9 44.9
105 22.8 2.7 42.7
51 34.0 13.3 53.3

Manual Integrations
APPROVED

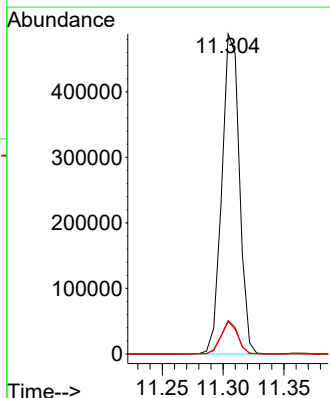
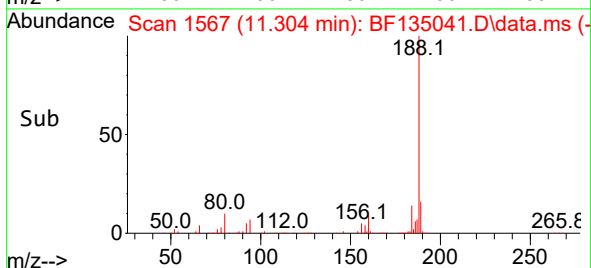
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

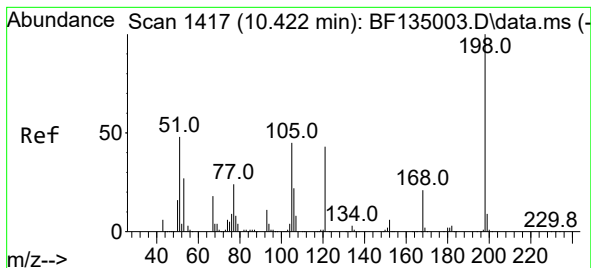


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



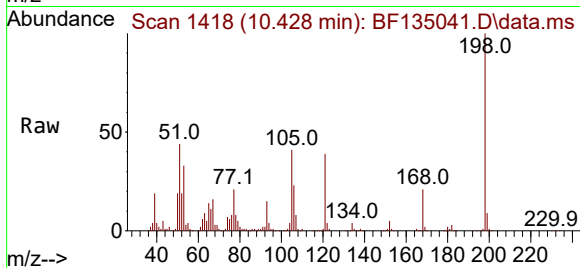
Tgt Ion:188 Resp: 490053
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.4 7.4 11.2





#65
4,6-Dinitro-2-methylphenol
Concen: 48.889 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

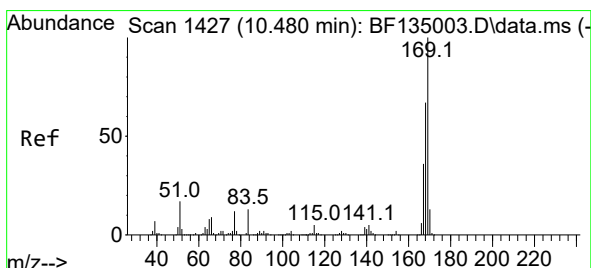
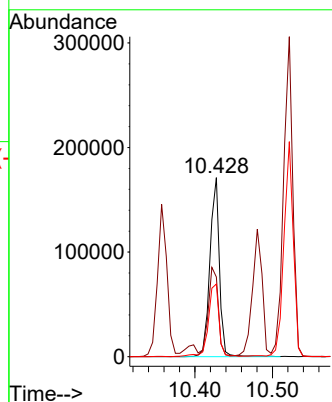
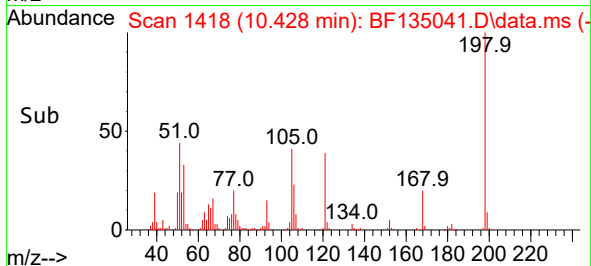
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



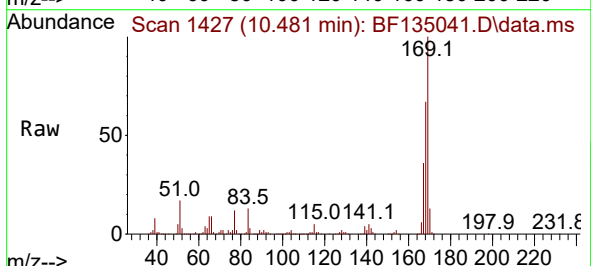
Tgt Ion:198 Resp: 145001
Ion Ratio Lower Upper
198 100
51 44.5 35.7 75.7
105 40.6 25.9 65.9

Manual Integrations
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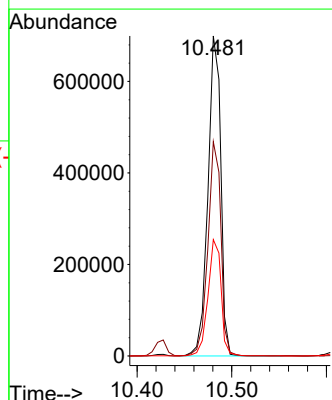
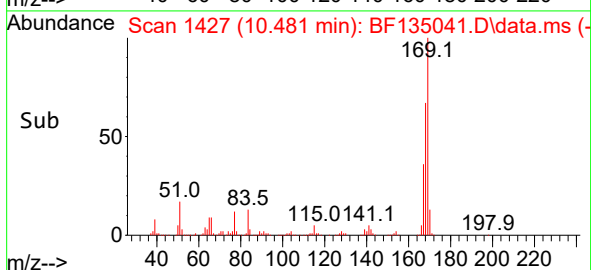
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

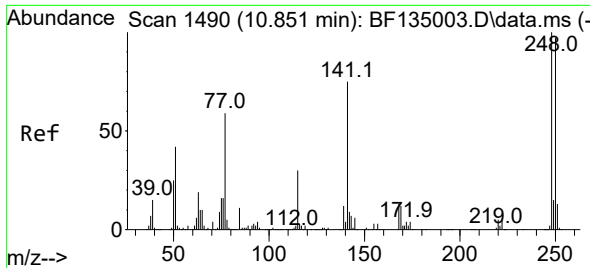


#66
n-Nitrosodiphenylamine
Concen: 43.133 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



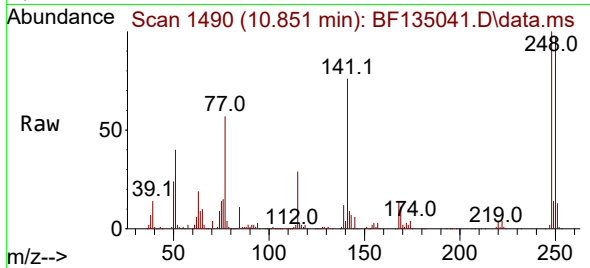
Tgt Ion:169 Resp: 657239
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 36.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 43.069 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

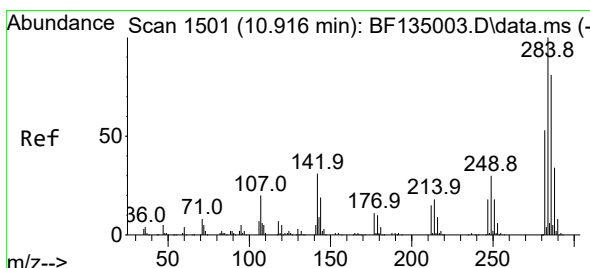
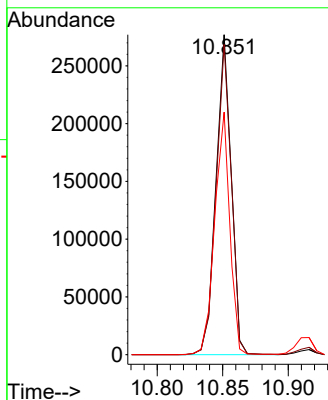
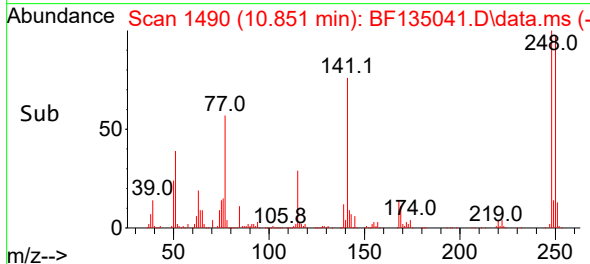
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



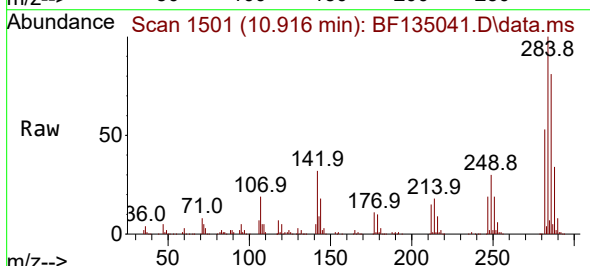
Tgt Ion:248 Resp: 223864
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 75.8 59.8 89.8

Manual Integrations
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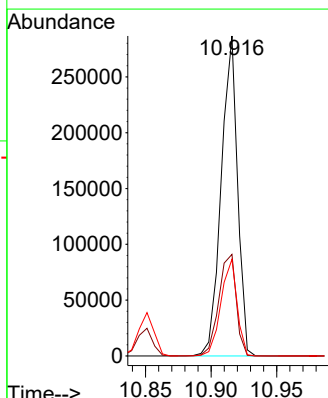
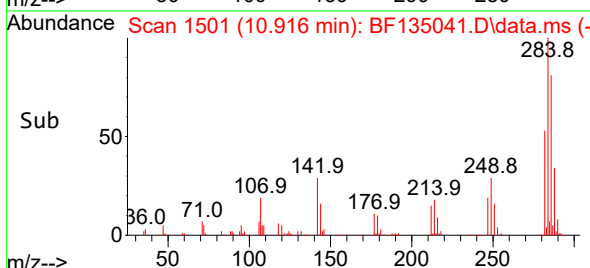
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

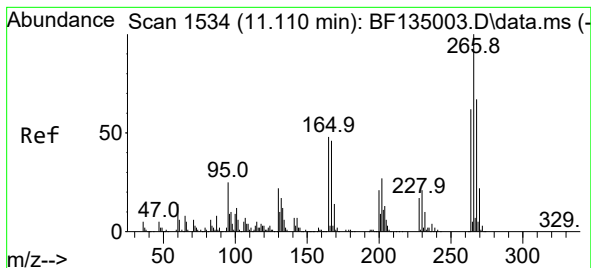


#68
Hexachlorobenzene
Concen: 46.003 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



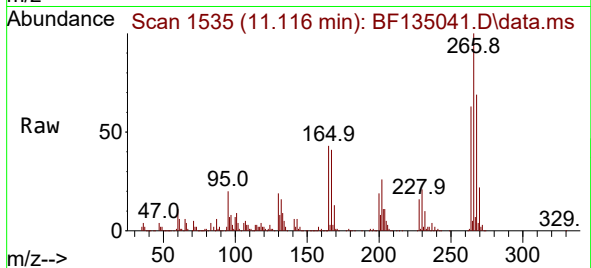
Tgt Ion:284 Resp: 247247
Ion Ratio Lower Upper
284 100
142 31.8 25.1 37.7
249 30.2 24.1 36.1





#70
Pentachlorophenol
Concen: 82.404 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

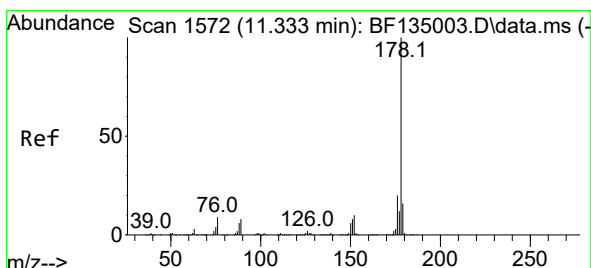
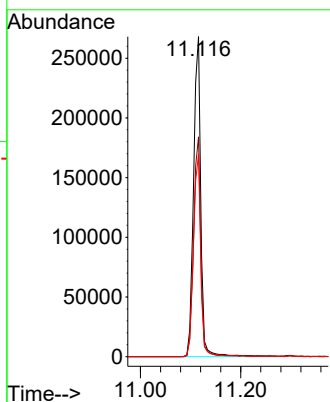
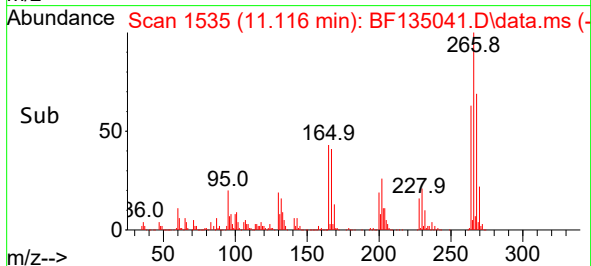
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:266 Resp: 26794
Ion Ratio Lower Upper
266 100
268 68.7 53.3 79.9
264 63.2 49.3 73.9

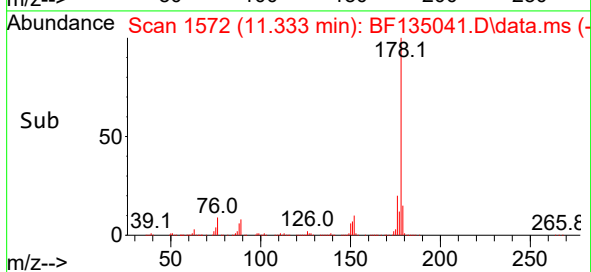
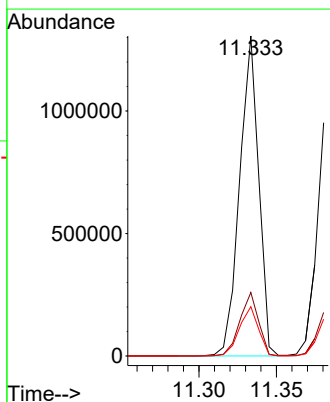
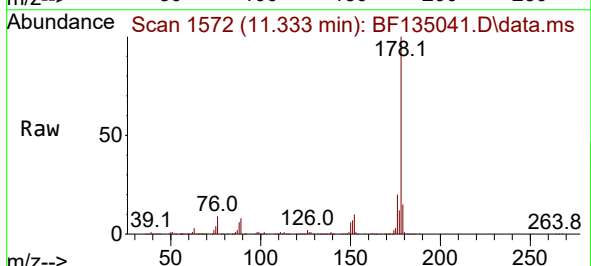
Manual Integrations
APPROVED

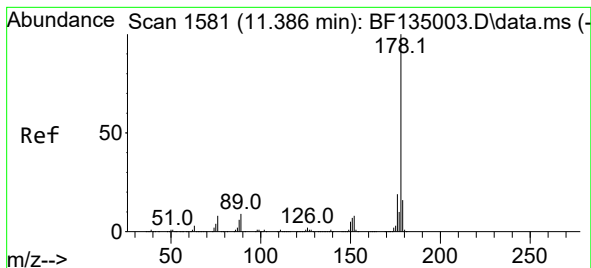
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#71
Phenanthrene
Concen: 44.182 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

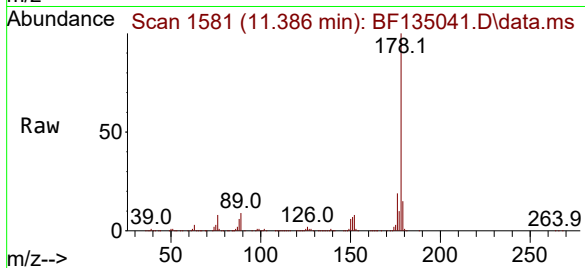
Tgt Ion:178 Resp: 1117019
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.4 12.5 18.7





#72
 Anthracene
 Concen: 43.937 ng
 RT: 11.386 min Scan# 1134930
 Delta R.T. 0.000 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

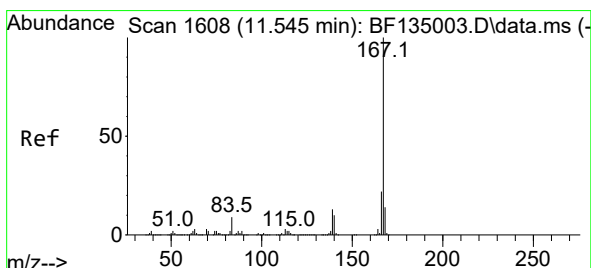
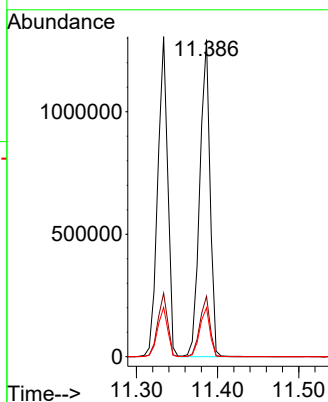
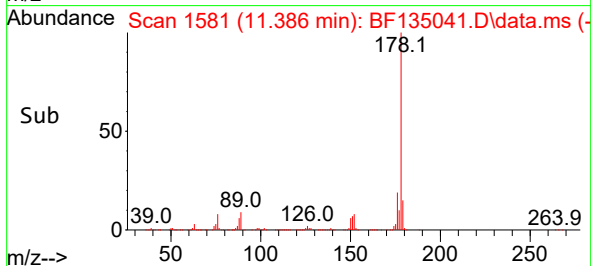
Instrument :
 BNA_F
 ClientSampleId :
 PB155118BSD



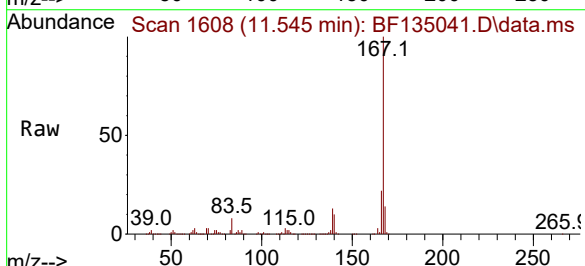
Tgt Ion:178 Resp: 1134930
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.8 19.2

Manual Integrations
 APPROVED

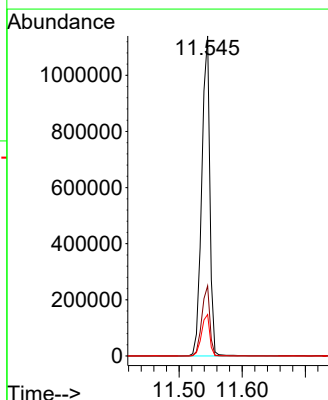
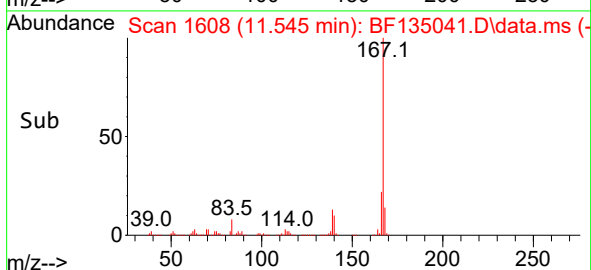
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

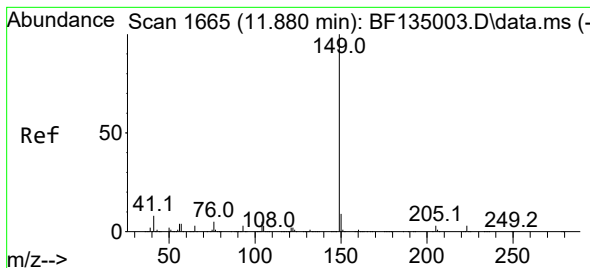


#73
 Carbazole
 Concen: 45.482 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51



Tgt Ion:167 Resp: 1013319
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.0 10.3 15.5





#74

Di-n-butylphthalate

Concen: 43.537 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

PB155118BSD

Tgt Ion:149 Resp: 1169284

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

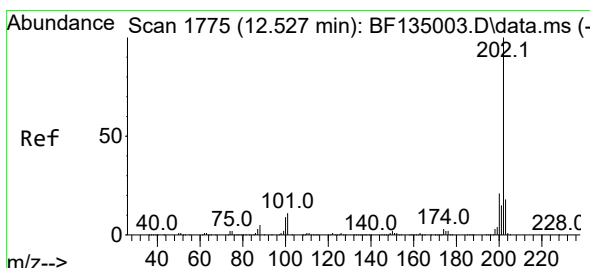
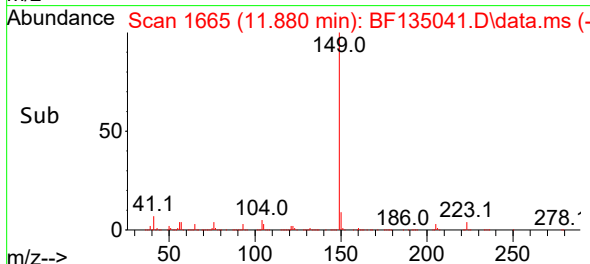
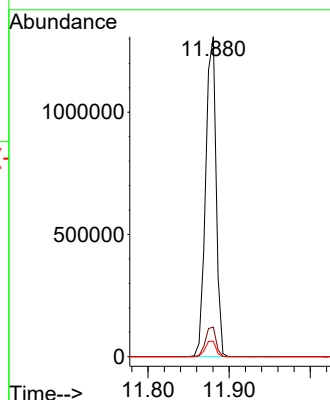
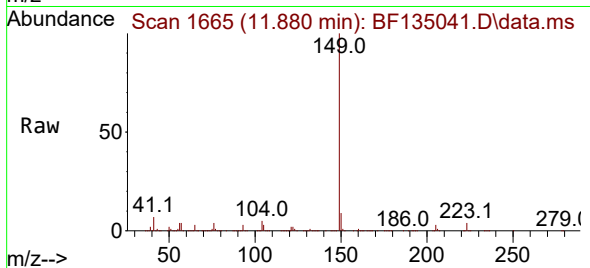
104 4.9 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#75

Fluoranthene

Concen: 45.067 ng

RT: 12.527 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

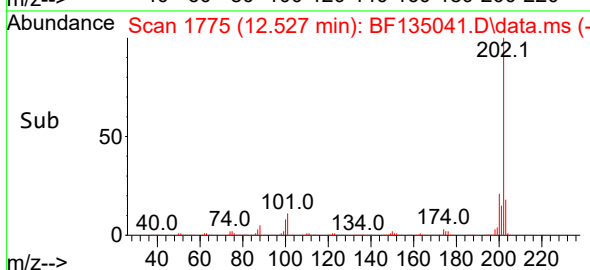
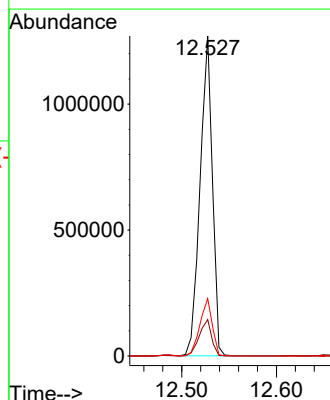
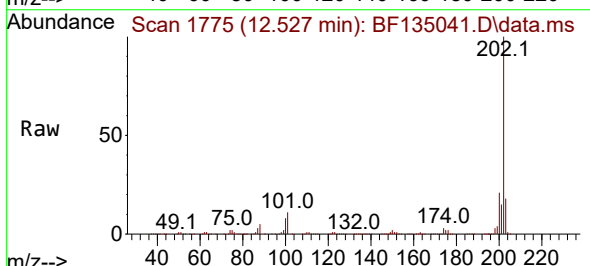
Tgt Ion:202 Resp: 1151968

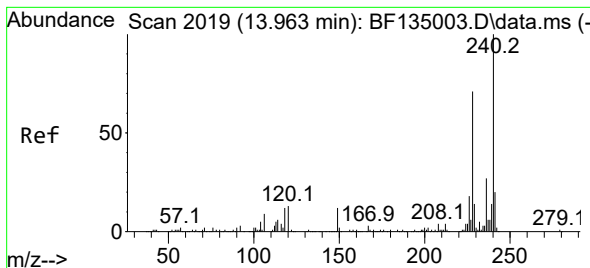
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.5

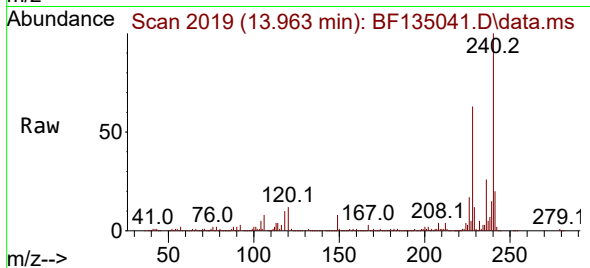
203 17.9 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

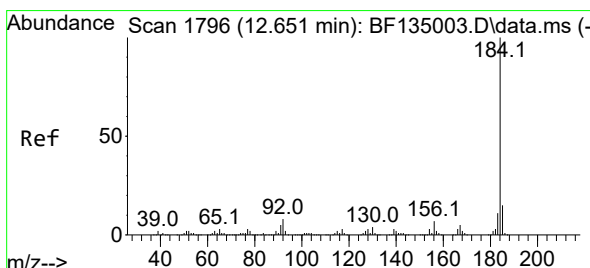
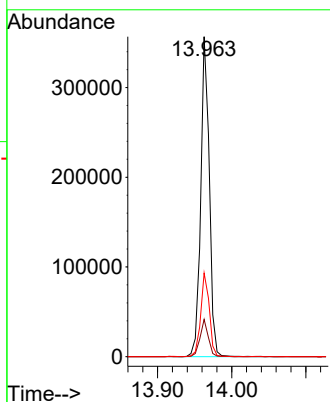
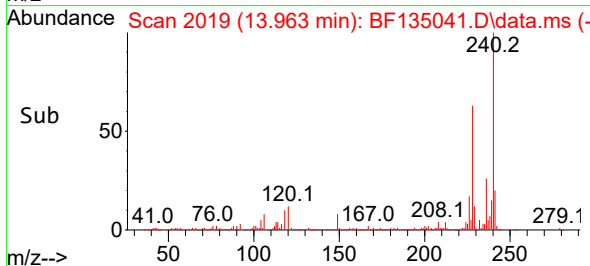
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



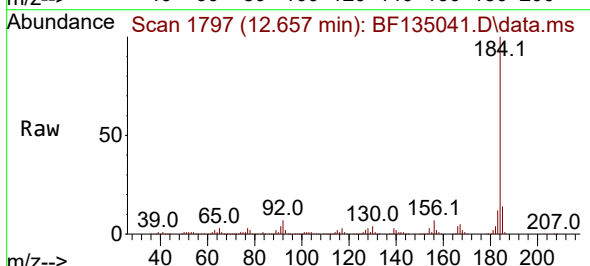
Tgt Ion:240 Resp: 284764
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.2
236 26.2 21.3 31.9

Manual Integrations
APPROVED

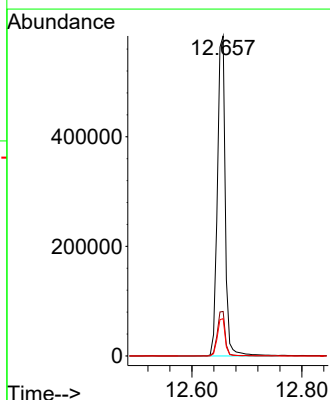
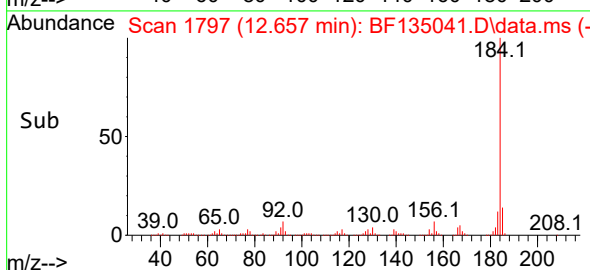
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

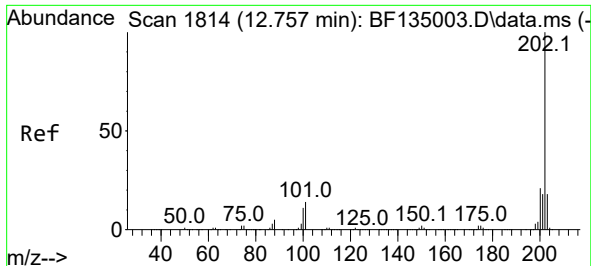


#77
Benzidine
Concen: 113.434 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



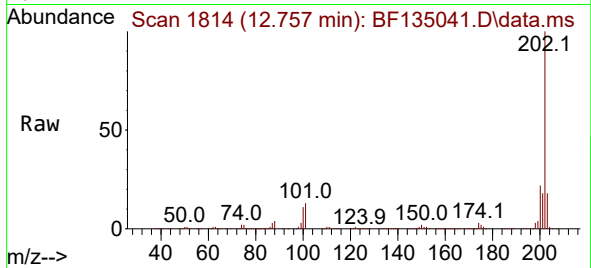
Tgt Ion:184 Resp: 582287
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 11.6 9.0 13.6





#78
Pyrene
Concen: 43.485 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

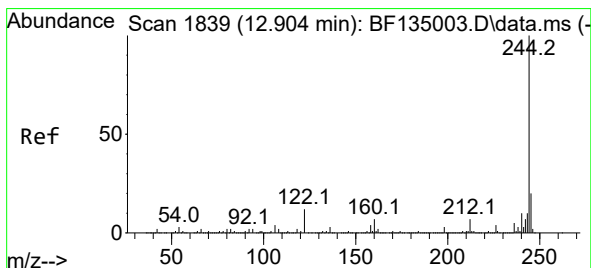
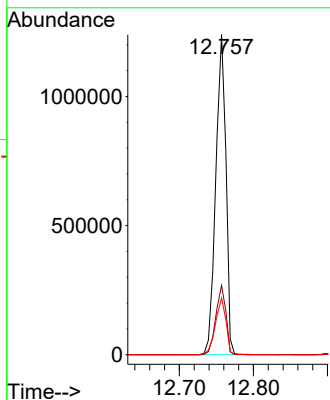
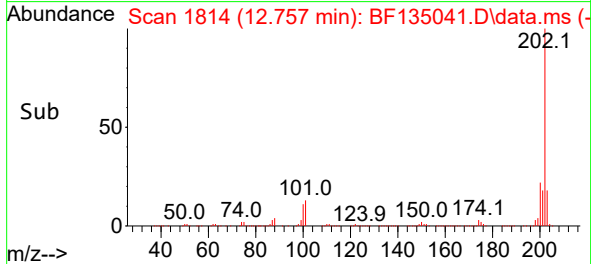
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



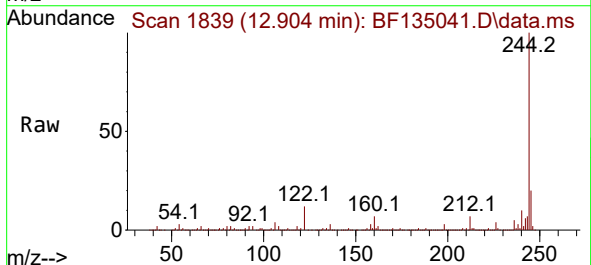
Tgt Ion:202 Resp: 117571
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.7 14.2 21.2

Manual Integrations
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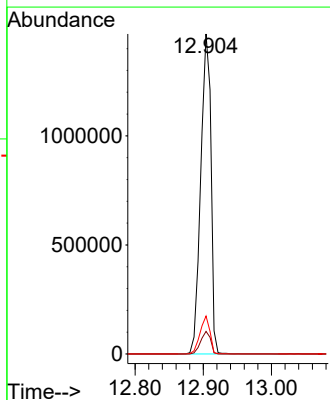
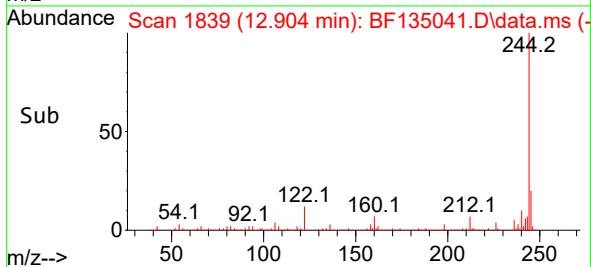
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

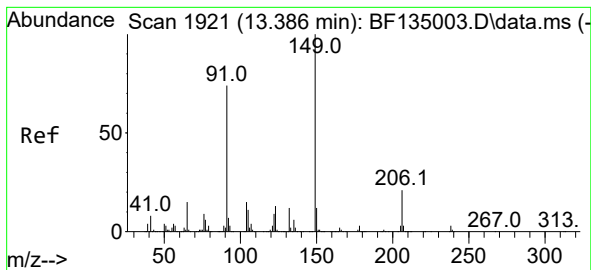


#79
Terphenyl-d14
Concen: 87.679 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



Tgt Ion:244 Resp: 1529984
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.8 9.8 14.6





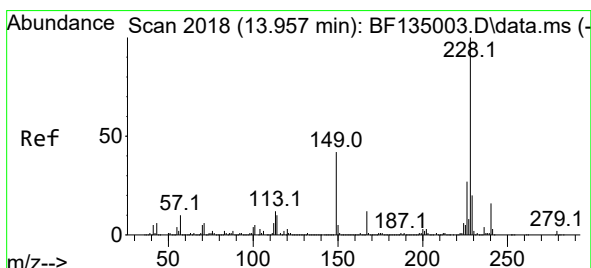
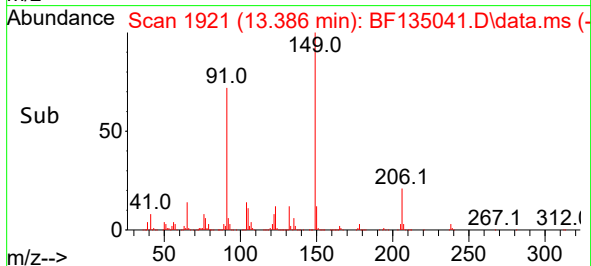
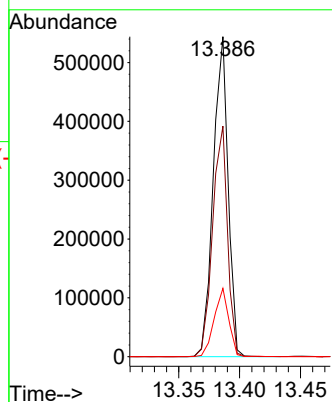
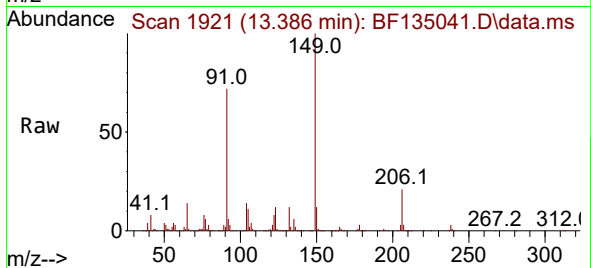
#80
Butylbenzylphthalate
Concen: 47.203 ng
RT: 13.386 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :
BNA_F
ClientSampleId :
PB155118BSD

Tgt Ion:149 Resp: 461040
Ion Ratio Lower Upper
149 100
91 72.1 59.0 88.6
206 21.3 16.7 25.1

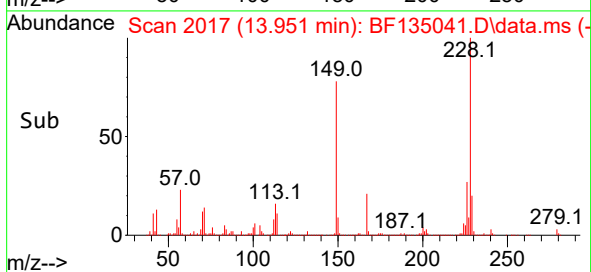
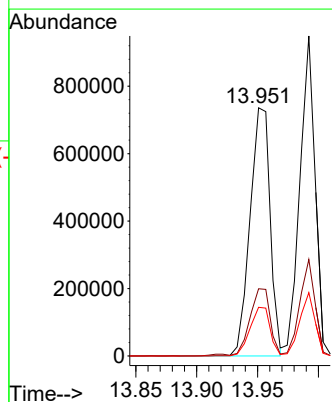
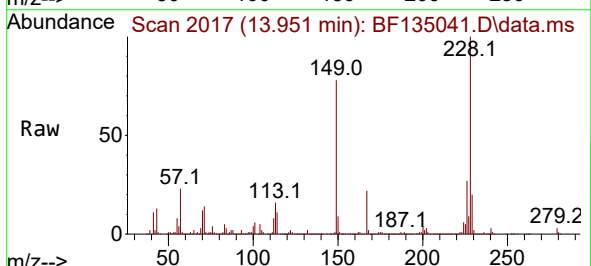
Manual Integrations
APPROVED

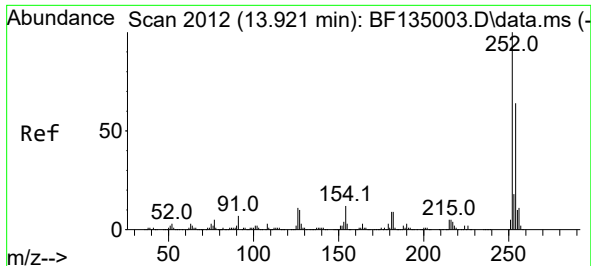
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#81
Benzo(a)anthracene
Concen: 43.588 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

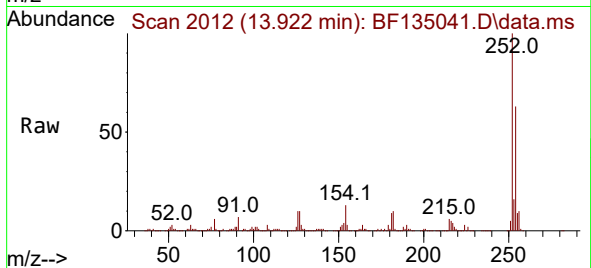
Tgt Ion:228 Resp: 846694
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 15.6 23.4





#82
3,3'-Dichlorobenzidine
Concen: 49.255 ng
RT: 13.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

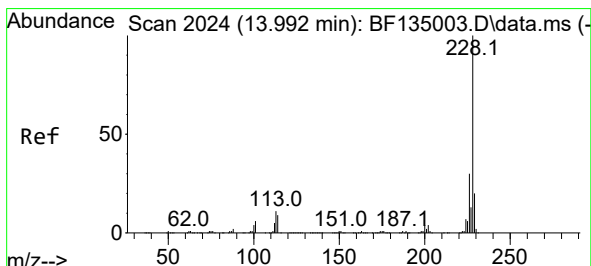
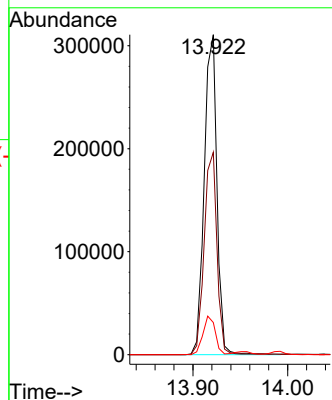
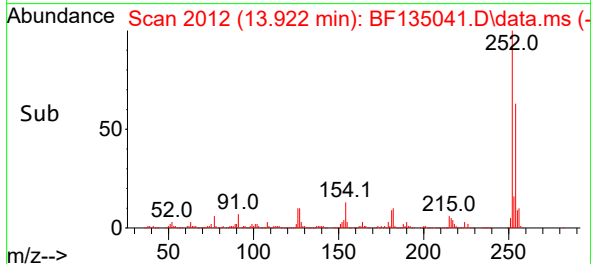
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



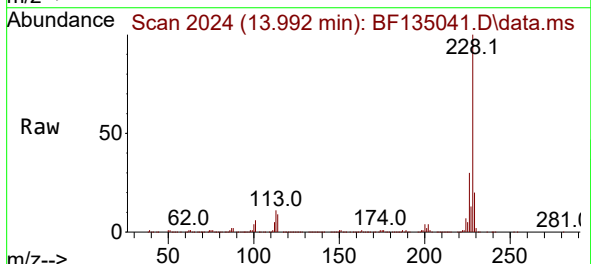
Tgt Ion:252 Resp: 288704
Ion Ratio Lower Upper
252 100
254 63.2 51.3 76.9
126 10.1 8.6 12.8

Manual Integrations
APPROVED

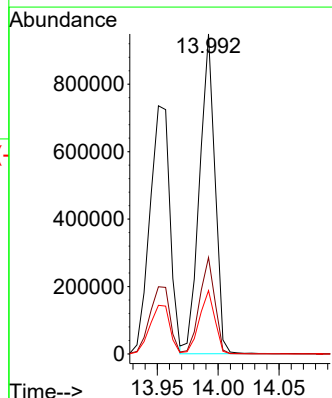
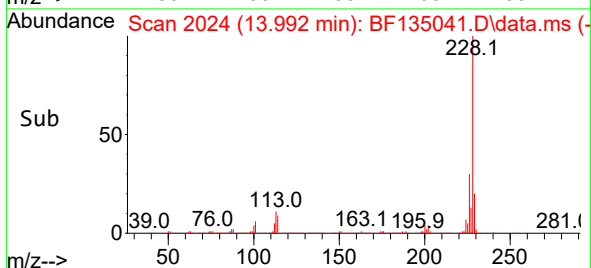
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

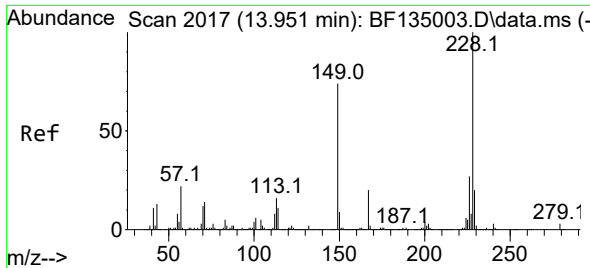


#83
Chrysene
Concen: 43.544 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



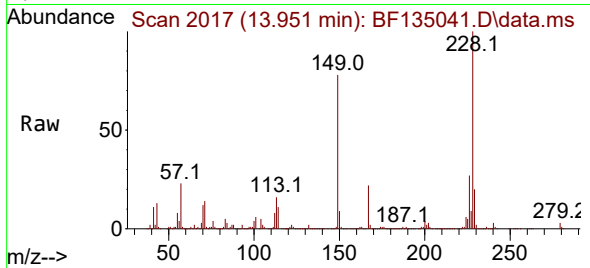
Tgt Ion:228 Resp: 831249
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.8 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 51.329 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

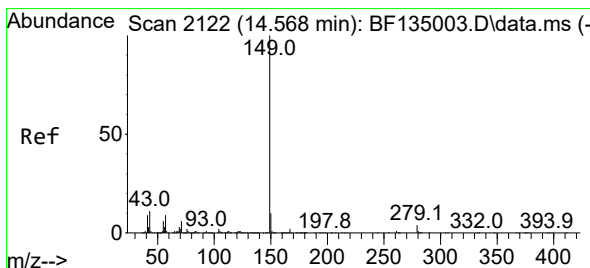
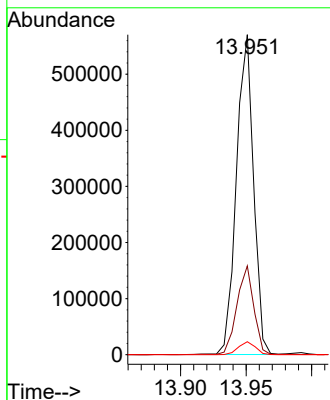
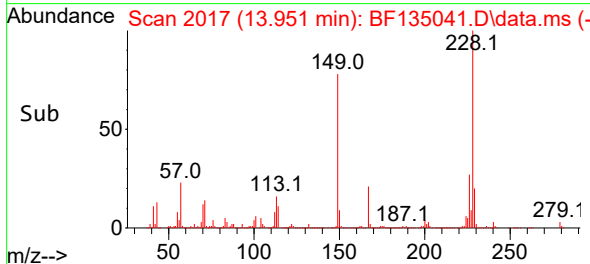
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



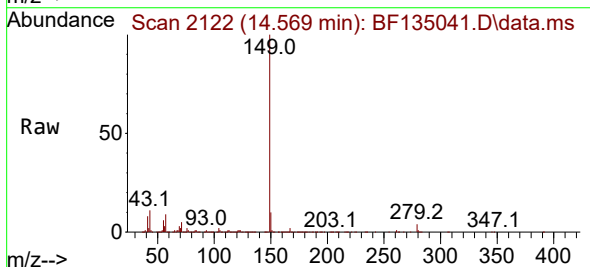
Tgt Ion:149 Resp: 518844
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 4.0 3.0 4.6

Manual Integrations
APPROVED

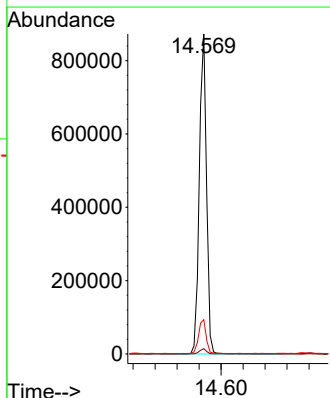
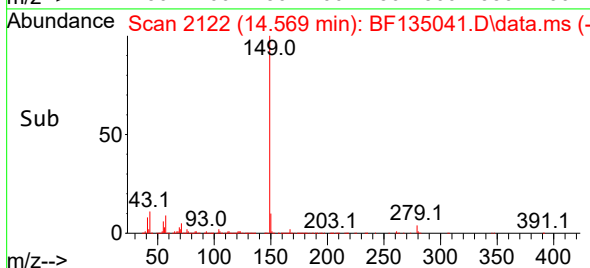
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

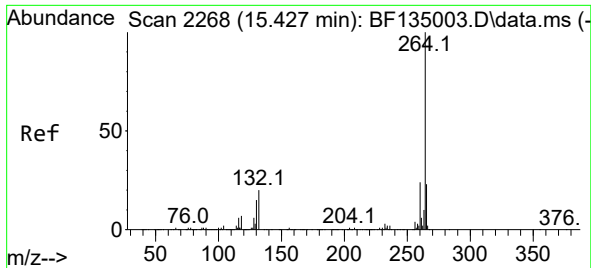


#85
Di-n-octyl phthalate
Concen: 51.544 ng
RT: 14.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51



Tgt Ion:149 Resp: 795254
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.1 9.3 13.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

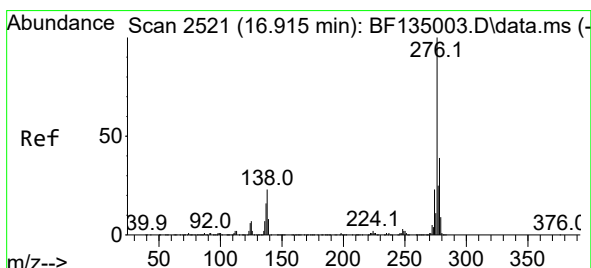
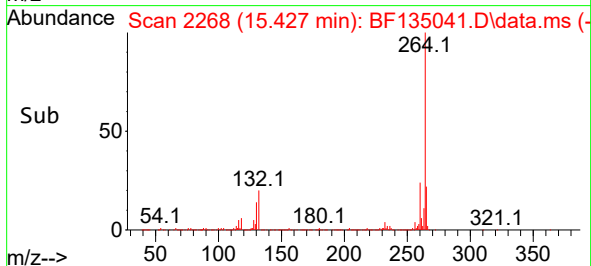
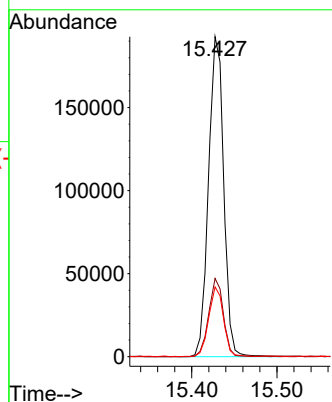
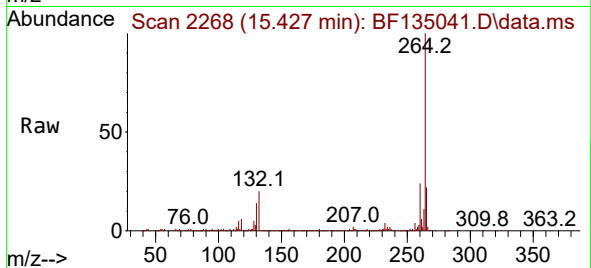
PB155118BSD

Tgt Ion:264 Resp: 238130
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.8 18.2 27.2

Manual Integrations

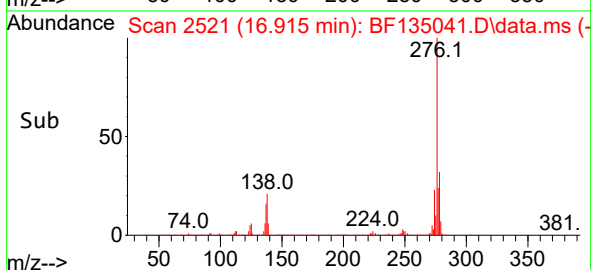
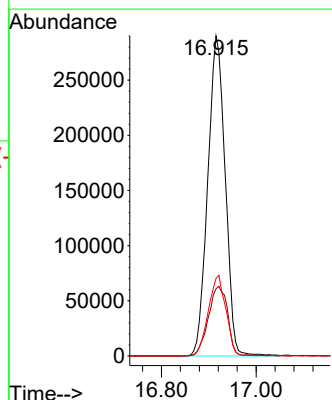
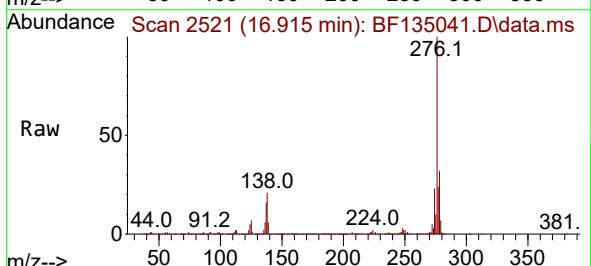
APPROVED

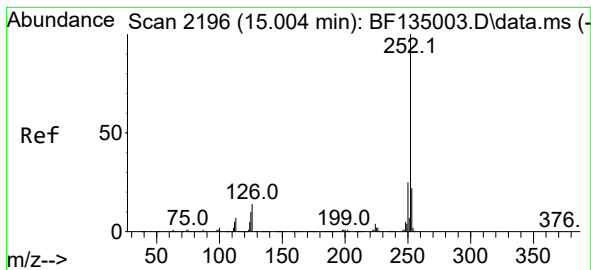
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.395 ng
 RT: 16.915 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: BF135041.D
 Acq: 31 Aug 2023 14:51

Tgt Ion:276 Resp: 744158
 Ion Ratio Lower Upper
 276 100
 138 23.8 20.2 30.2
 277 25.4 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 47.118 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

Instrument :

BNA_F

ClientSampleId :

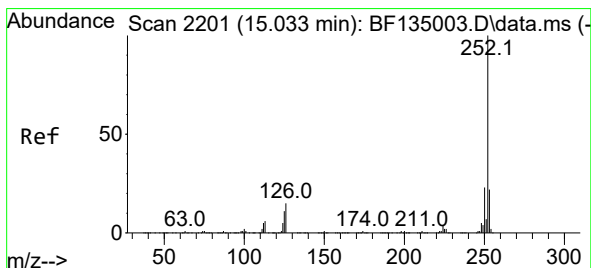
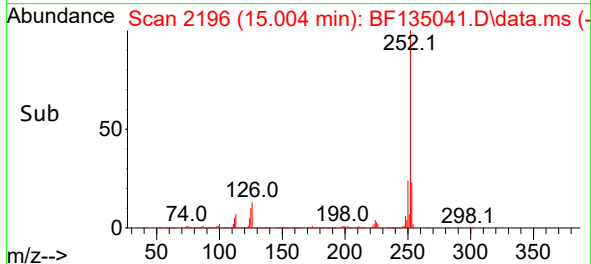
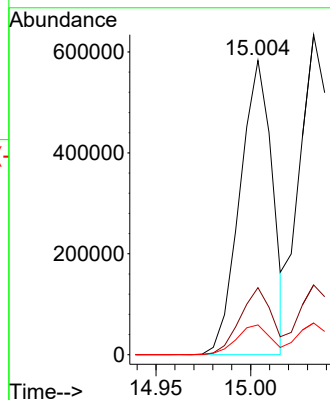
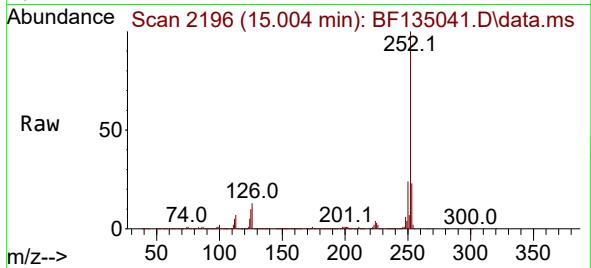
PB155118BSD

Tgt Ion:252 Resp: 698135
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.8 26.8
 125 10.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#89

Benzo(k)fluoranthene

Concen: 48.641 ng

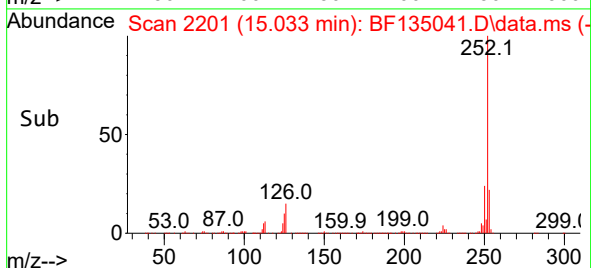
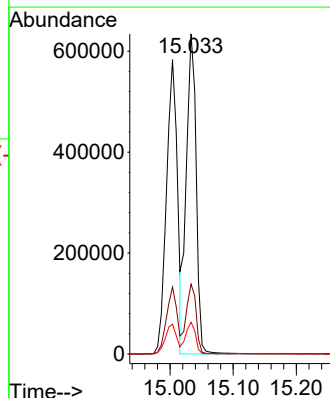
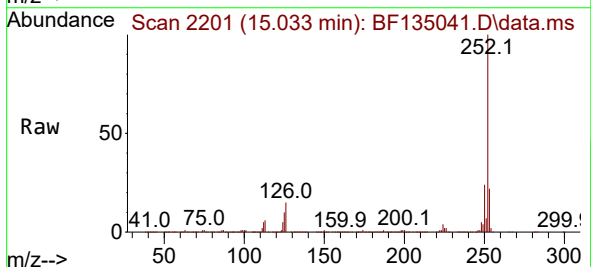
RT: 15.033 min Scan# 2201

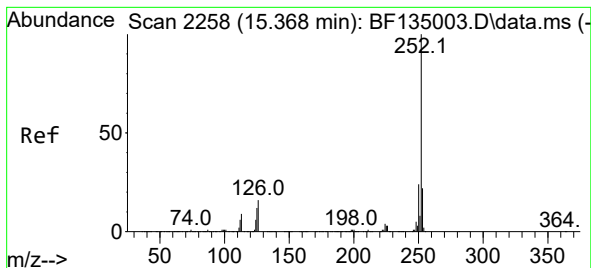
Delta R.T. 0.000 min

Lab File: BF135041.D

Acq: 31 Aug 2023 14:51

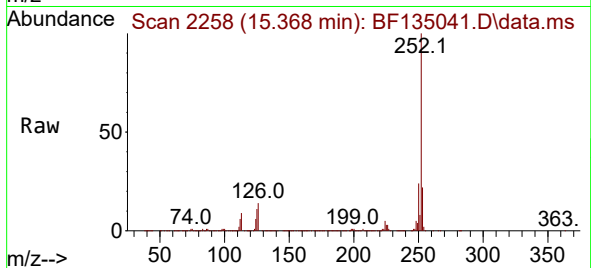
Tgt Ion:252 Resp: 696266
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 9.9 8.5 12.7





#90
Benzo(a)pyrene
Concen: 44.057 ng
RT: 15.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

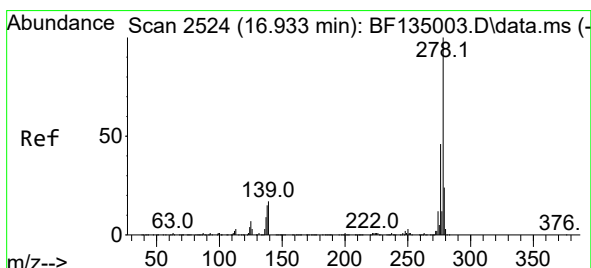
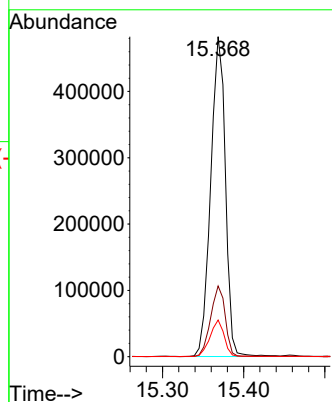
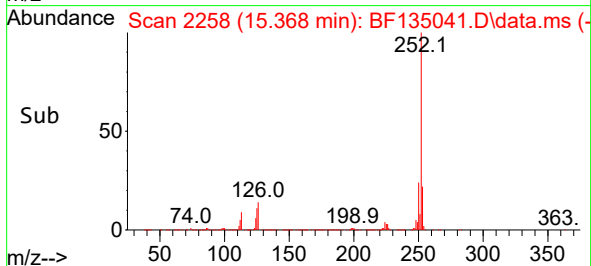
Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:252 Resp: 60641
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.5 9.5 14.3

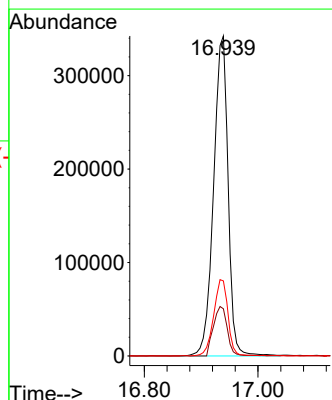
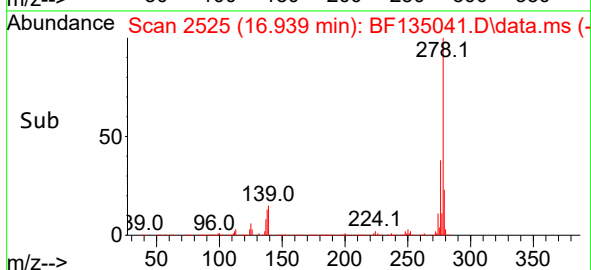
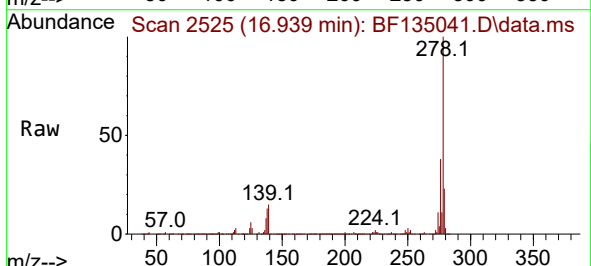
Manual Integrations
APPROVED

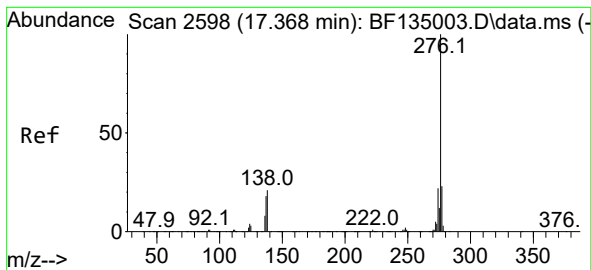
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#91
Dibenzo(a,h)anthracene
Concen: 46.617 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

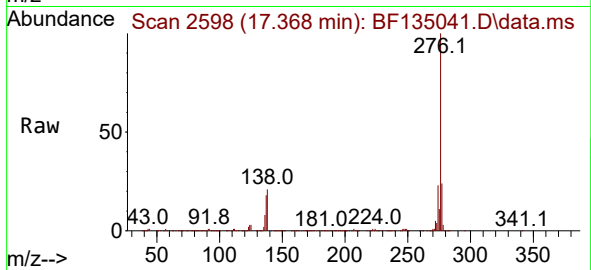
Tgt Ion:278 Resp: 605595
Ion Ratio Lower Upper
278 100
139 14.8 13.4 20.2
279 23.4 19.5 29.3





#92
Benzo(g,h,i)perylene
Concen: 46.142 ng
RT: 17.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135041.D
Acq: 31 Aug 2023 14:51

Instrument :
BNA_F
ClientSampleId :
PB155118BSD



Tgt Ion:276 Resp: 623430
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 21.0 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

