

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135111.D
 Acq On : 06 Sep 2023 00:37
 Operator : CG\JU
 Sample : 04109-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-01(6-7)MSD

Quant Time: Sep 06 02:00:26 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	108014	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	419095	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	196058	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	306257	20.000	ng	0.00
76) Chrysene-d12	13.962	240	189094	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	168947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	615633	88.036	ng	0.01
7) Phenol-d6	6.422	99	764588	87.720	ng	0.00
23) Nitrobenzene-d5	7.339	82	471844	63.252	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	175455	84.363	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	842610	69.972	ng	0.00
79) Terphenyl-d14	12.898	244	704296	60.781	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	118620	40.045	ng	98
3) Pyridine	3.328	79	301306	37.731	ng	98
4) n-Nitrosodimethylamine	3.298	42	179716	46.018	ng	92
6) Aniline	6.439	93	219800	20.342	ng	# 63
8) 2-Chlorophenol	6.563	128	344391	48.476	ng	100
9) Benzaldehyde	6.328	77	130739	29.437	ng	98
10) Phenol	6.434	94	410152	44.823	ng	98
11) bis(2-Chloroethyl)ether	6.516	93	319602	46.383	ng	99
12) 1,3-Dichlorobenzene	6.716	146	348358	47.594	ng	100
13) 1,4-Dichlorobenzene	6.792	146	357737	48.833	ng	99
14) 1,2-Dichlorobenzene	6.945	146	341779	49.996	ng	99
15) Benzyl Alcohol	6.922	79	297025	49.739	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	515111	44.640	ng	98
17) 2-Methylphenol	7.039	107	271102	43.792	ng	94
18) Hexachloroethane	7.281	117	130905	48.239	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	232241	44.857	ng	95
20) 3+4-Methylphenols	7.186	107	327386	44.826	ng	# 90
22) Acetophenone	7.186	105	462145	49.576	ng	97
24) Nitrobenzene	7.357	77	355244	46.424	ng	96
25) Isophorone	7.598	82	638027	45.111	ng	98
26) 2-Nitrophenol	7.675	139	179106	47.374	ng	95
27) 2,4-Dimethylphenol	7.716	122	274809	45.149	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	393393	46.109	ng	99
29) 2,4-Dichlorophenol	7.916	162	272775	47.153	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	300713	48.102	ng	99
31) Naphthalene	8.075	128	944112	46.116	ng	99
32) Benzoic acid	7.845	122	173123	35.556	ng	98
33) 4-Chloroaniline	8.128	127	88112	9.840	ng	97
34) Hexachlorobutadiene	8.192	225	171606	48.370	ng	99
35) Caprolactam	8.510	113	84359m	44.537	ng	
36) 4-Chloro-3-methylphenol	8.622	107	298275	47.471	ng	95
37) 2-Methylnaphthalene	8.769	142	591035	43.268	ng	99
38) 1-Methylnaphthalene	8.869	142	565082	44.212	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	280023	51.021	ng	99
41) Hexachlorocyclopentadiene	8.916	237	96009	41.100	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	178261	48.363	ng	100

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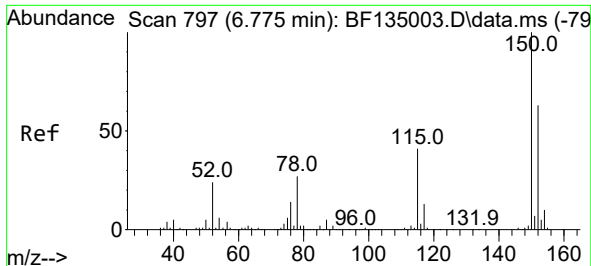
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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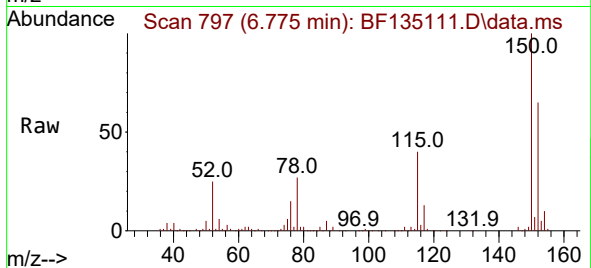
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	192072	45.010	ng	# 93
46) 1,1'-Biphenyl	9.233	154	750209	50.083	ng	99
47) 2-Chloronaphthalene	9.263	162	552423	49.042	ng	99
48) 2-Nitroaniline	9.363	65	188543	48.896	ng	91
49) Acenaphthylene	9.674	152	827749	48.612	ng	100
50) Dimethylphthalate	9.545	163	675371	49.196	ng	100
51) 2,6-Dinitrotoluene	9.610	165	146432	48.611	ng	86
52) Acenaphthene	9.851	154	500245	46.100	ng	99
53) 3-Nitroaniline	9.774	138	78408	22.345	ng	94
54) 2,4-Dinitrophenol	9.886	184	38962	27.063	ng	88
55) Dibenzofuran	10.022	168	713382	45.574	ng	99
56) 4-Nitrophenol	9.951	139	201051	81.510	ng	97
57) 2,4-Dinitrotoluene	10.016	165	173507	46.219	ng	97
58) Fluorene	10.369	166	543173	45.516	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	137259	41.771	ng	96
60) Diethylphthalate	10.245	149	614884	47.581	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	271158	45.937	ng	99
62) 4-Nitroaniline	10.392	138	123323	35.918	ng	97
63) Azobenzene	10.521	77	563028	43.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.421	198	36949	19.934	ng	94
66) n-Nitrosodiphenylamine	10.480	169	489927	51.449	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	161476	49.711	ng	99
68) Hexachlorobenzene	10.916	284	171436	51.041	ng	98
70) Pentachlorophenol	11.110	266	143218	70.479	ng	98
71) Phenanthrene	11.333	178	750211	47.482	ng	99
72) Anthracene	11.380	178	755526	46.802	ng	99
73) Carbazole	11.539	167	648206	46.555	ng	99
74) Di-n-butylphthalate	11.874	149	809488	48.229	ng	100
75) Fluoranthene	12.527	202	706611	44.234	ng	98
77) Benzidine	12.651	184	246203	72.228	ng	98
78) Pyrene	12.757	202	714787	39.813	ng	99
80) Butylbenzylphthalate	13.380	149	293350	45.229	ng	98
81) Benzo(a)anthracene	13.951	228	586636	45.480	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	173602	44.602	ng	98
83) Chrysene	13.992	228	576311	45.463	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	364517	54.306	ng	100
85) Di-n-octyl phthalate	14.562	149	639891	62.457	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	474911	41.733	ng	98
88) Benzo(b)fluoranthene	15.004	252	528346	50.260	ng	98
89) Benzo(k)fluoranthene	15.033	252	486974	47.951	ng	98
90) Benzo(a)pyrene	15.368	252	434918	44.537	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	396018	42.968	ng	97
92) Benzo(g,h,i)perylene	17.362	276	374714	39.090	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: BF135111.D
Acq: 06 Sep 2023 00:37

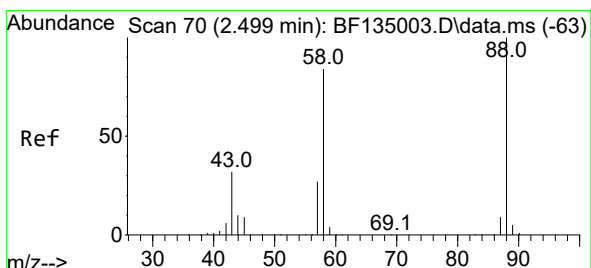
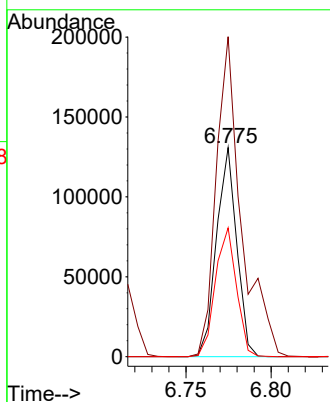
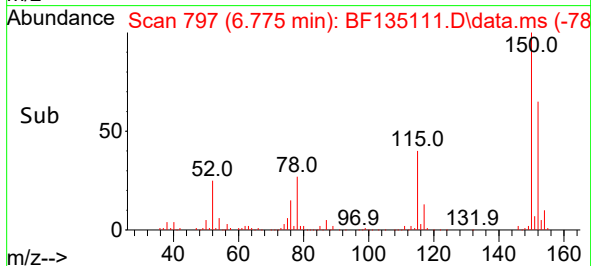
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



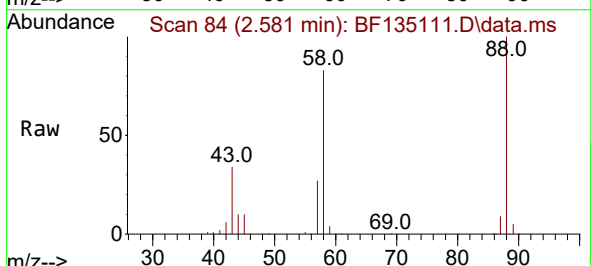
Tgt Ion:152 Resp: 108014
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.4
115 61.6 51.2 76.8

Manual Integrations
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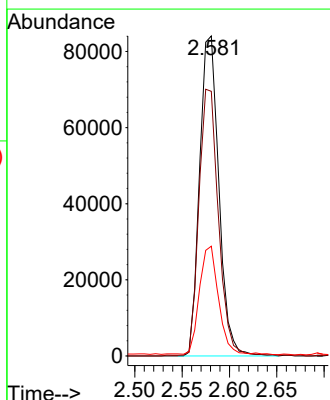
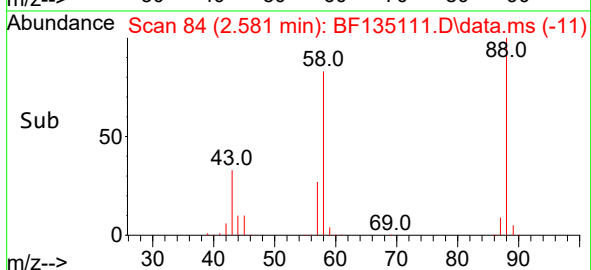
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

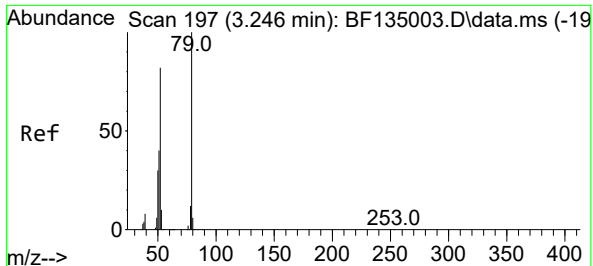


#2
1,4-Dioxane
Concen: 40.045 ng
RT: 2.581 min Scan# 84
Delta R.T. 0.082 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



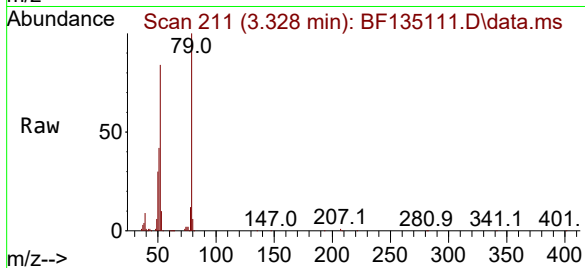
Tgt Ion: 88 Resp: 118620
Ion Ratio Lower Upper
88 100
58 85.1 67.1 100.7
43 34.0 25.9 38.9





#3
Pyridine
Concen: 37.731 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

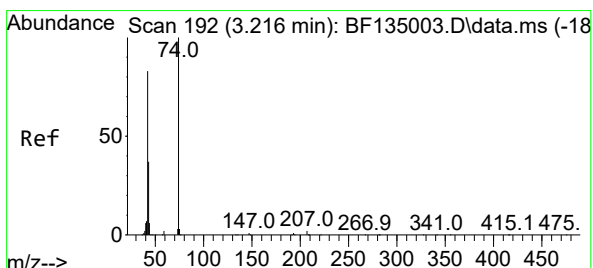
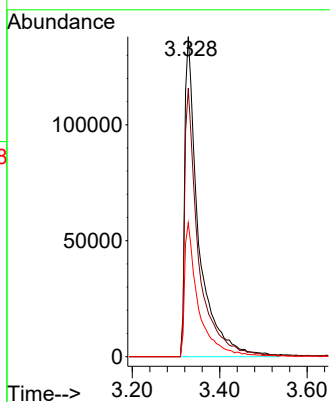
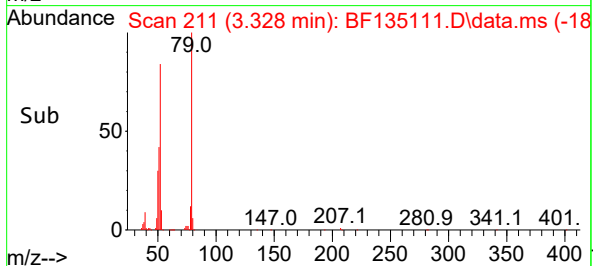
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



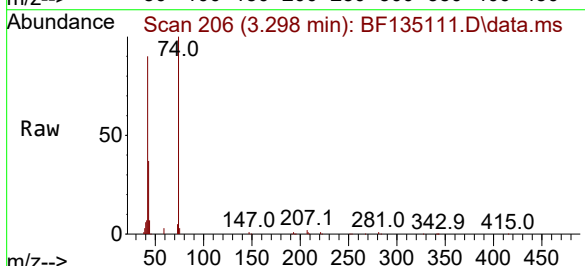
Tgt Ion: 79 Resp: 301300
Ion Ratio Lower Upper
79 100
52 83.9 65.4 98.2
51 41.8 32.6 49.0

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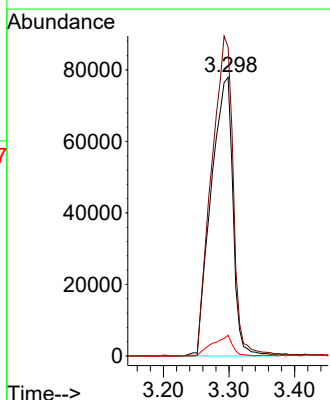
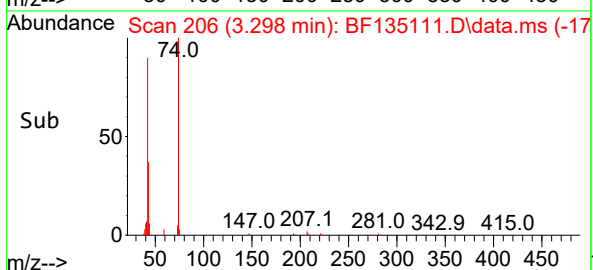
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

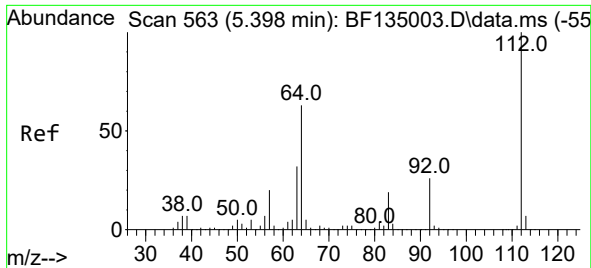


#4
n-Nitrosodimethylamine
Concen: 46.018 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.082 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



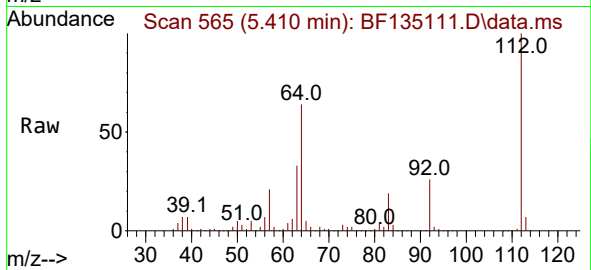
Tgt Ion: 42 Resp: 179716
Ion Ratio Lower Upper
42 100
74 110.7 96.2 144.2
44 7.4 5.8 8.6





#5
2-Fluorophenol
Concen: 88.036 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

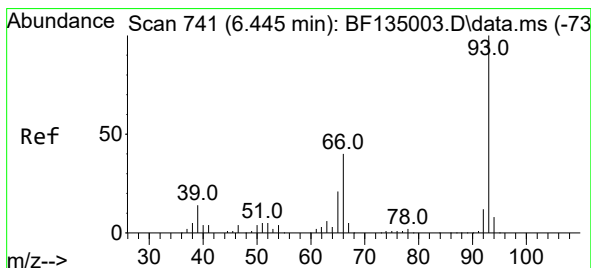
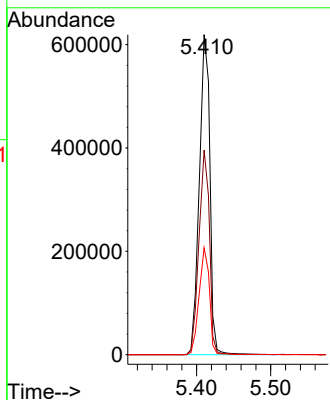
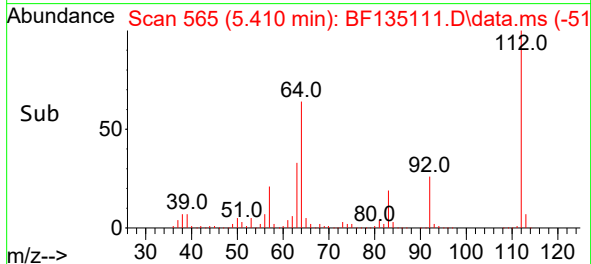
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:112 Resp: 61563
Ion Ratio Lower Upper
112 100
64 63.9 50.5 75.7
63 33.4 25.9 38.9

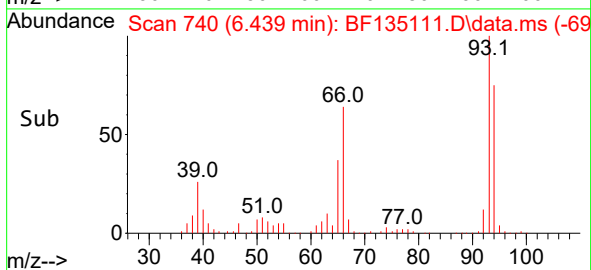
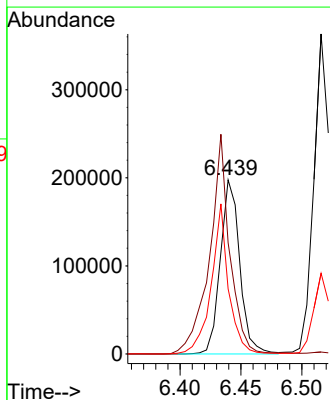
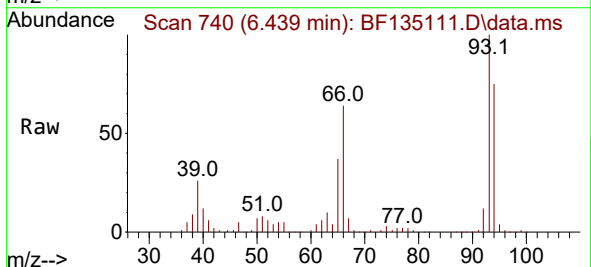
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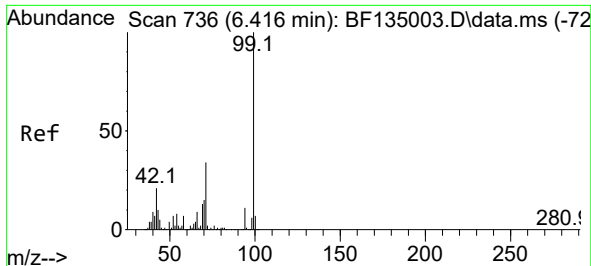
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#6
Aniline
Concen: 20.342 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion: 93 Resp: 219800
Ion Ratio Lower Upper
93 100
66 63.9 32.4 48.6#
65 37.4 16.6 24.8#





#7

Phenol-d6

Concen: 87.720 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135111.D

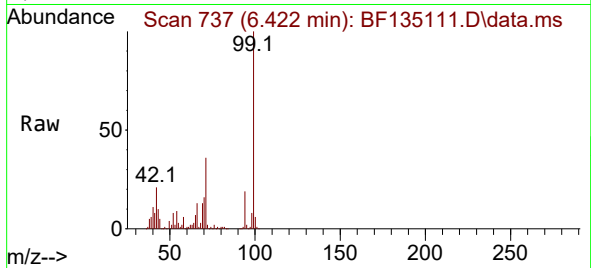
Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD



Tgt Ion: 99 Resp: 76458

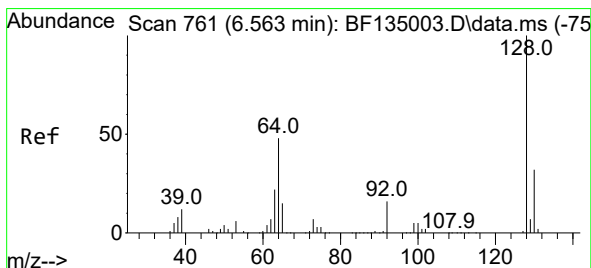
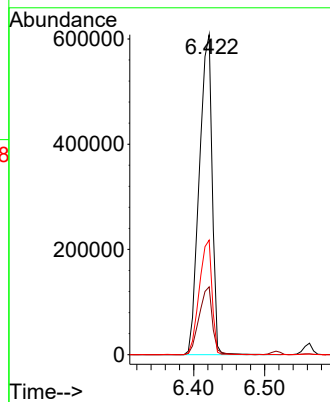
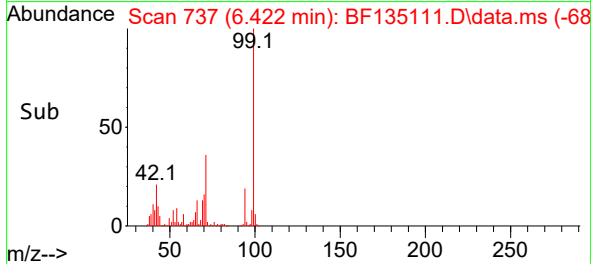
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	25.0
71	35.8	27.0	40.6

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#8

2-Chlorophenol

Concen: 48.476 ng

RT: 6.563 min Scan# 761

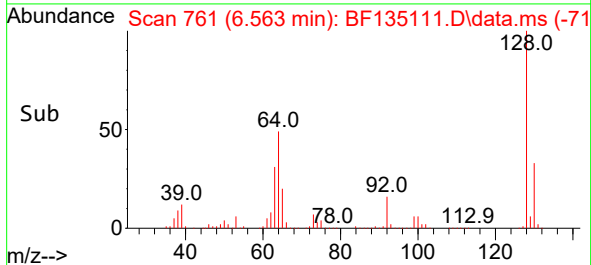
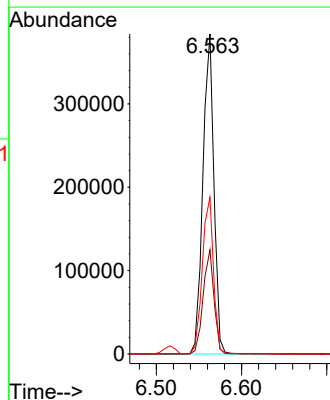
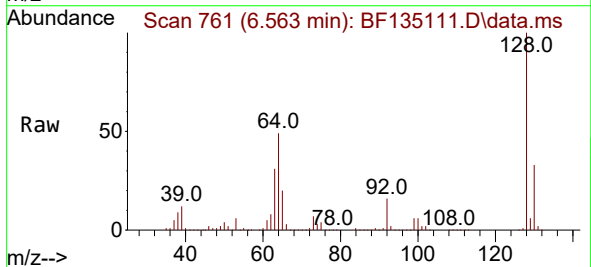
Delta R.T. -0.000 min

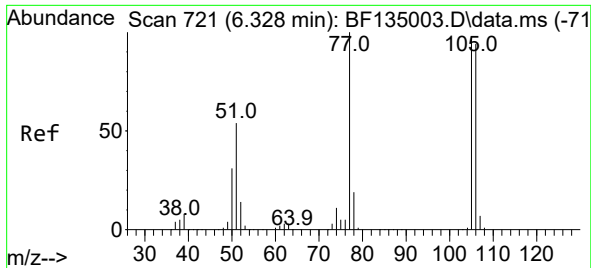
Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Tgt Ion:128 Resp: 344391

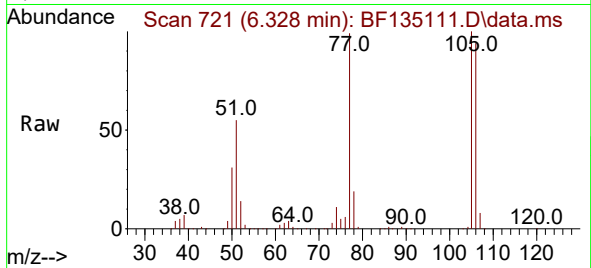
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.2	52.2
64	49.0	29.0	69.0





#9
Benzaldehyde
Concen: 29.437 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

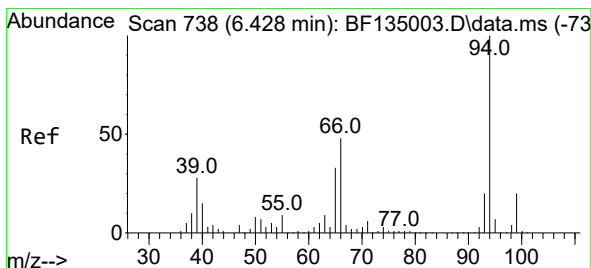
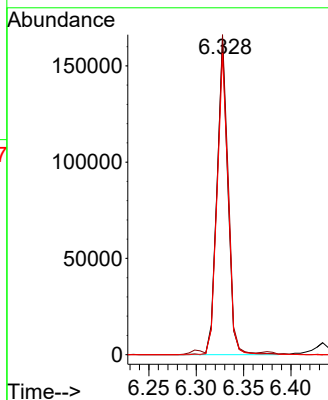
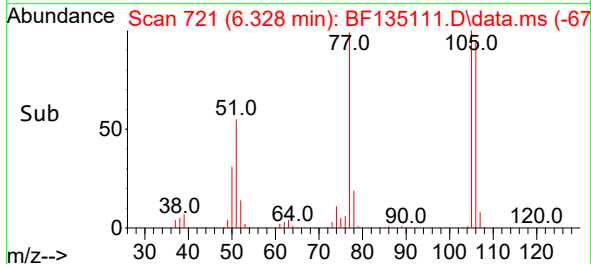
Instrument :
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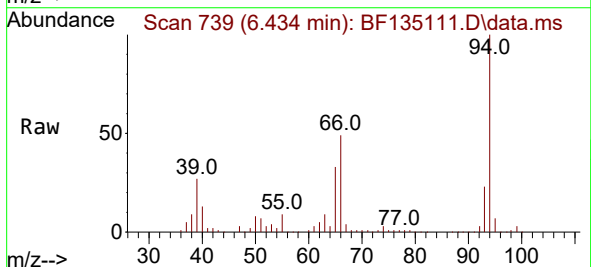
Tgt Ion: 77 Resp: 130739
Ion Ratio Lower Upper
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105 101.4 78.4 118.4
106 95.5 74.3 114.3

Manual Integrations
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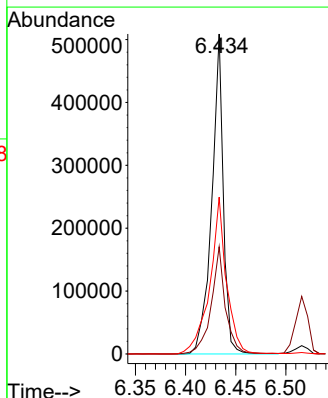
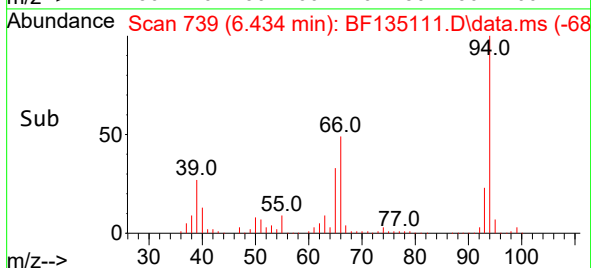
Reviewed By :Yogesh Patel 09/06/2023
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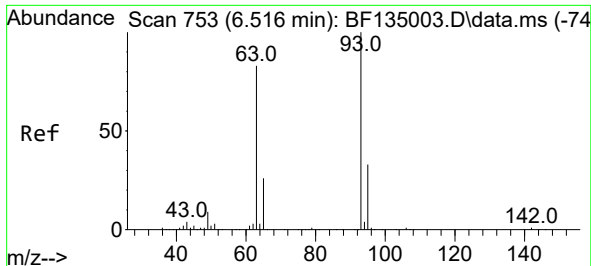


#10
Phenol
Concen: 44.823 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



Tgt Ion: 94 Resp: 410152
Ion Ratio Lower Upper
94 100
65 33.5 13.2 53.2
66 49.0 27.5 67.5





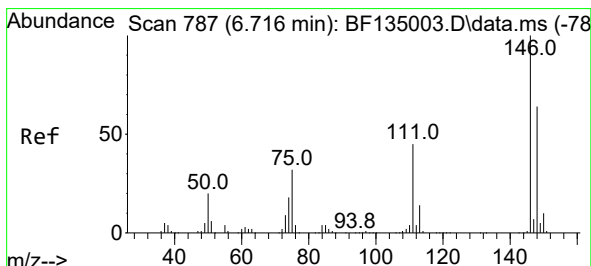
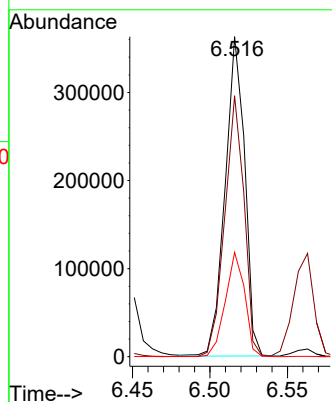
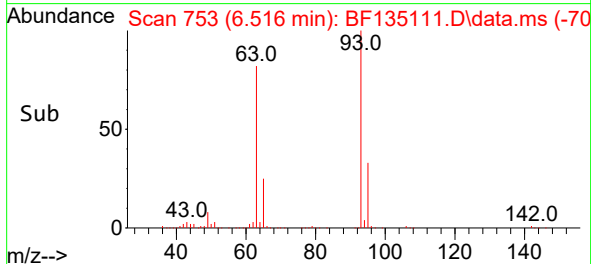
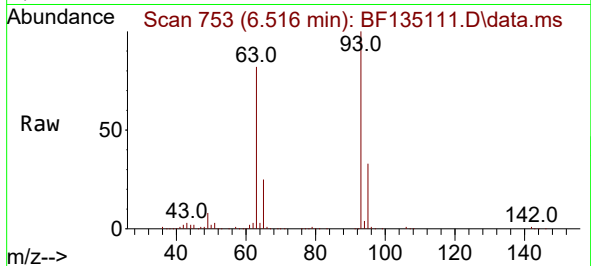
#11
bis(2-Chloroethyl)ether
Concen: 46.383 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

Tgt Ion: 93 Resp: 319602
Ion Ratio Lower Upper
93 100
63 81.6 62.8 102.8
95 32.6 12.7 52.7

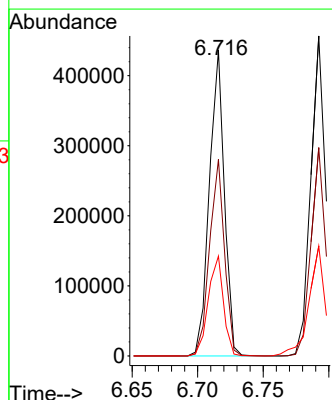
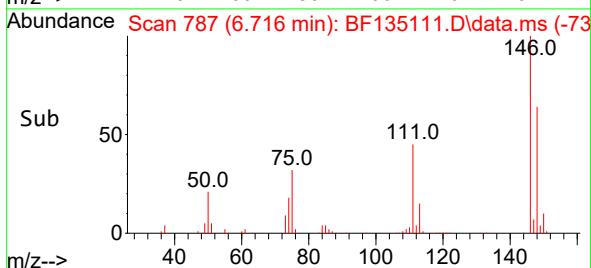
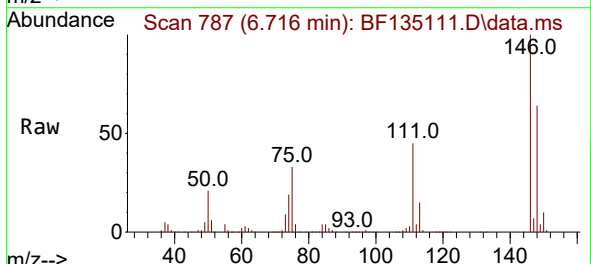
Manual Integrations
APPROVED

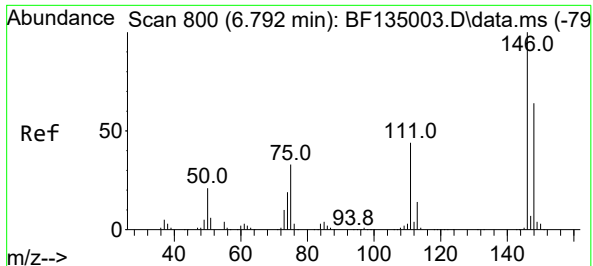
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#12
1,3-Dichlorobenzene
Concen: 47.594 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:146 Resp: 348358
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
75 32.6 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.833 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

Tgt Ion:146 Resp: 35773

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

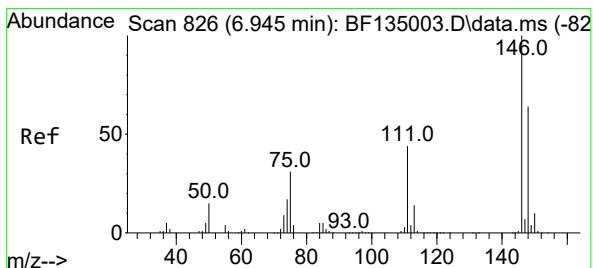
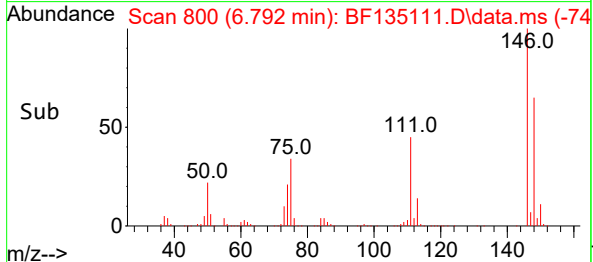
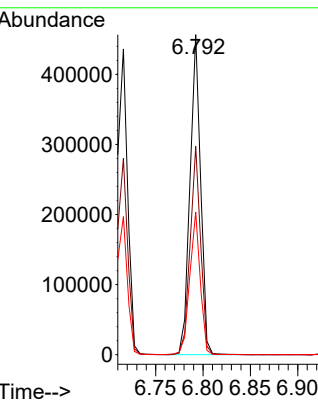
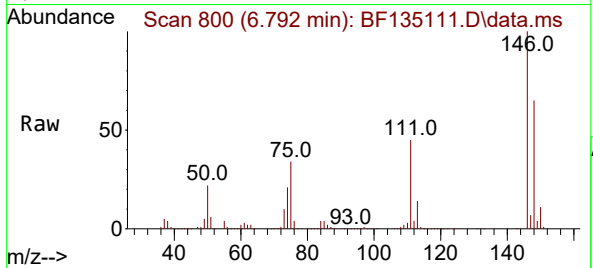
111 44.6 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#14

1,2-Dichlorobenzene

Concen: 49.996 ng

RT: 6.945 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

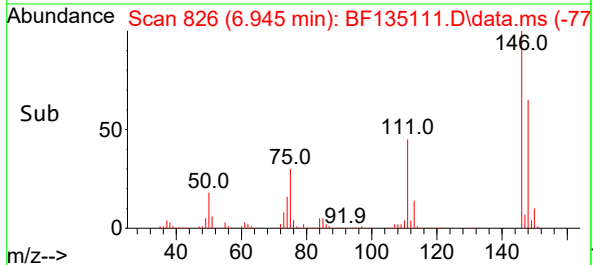
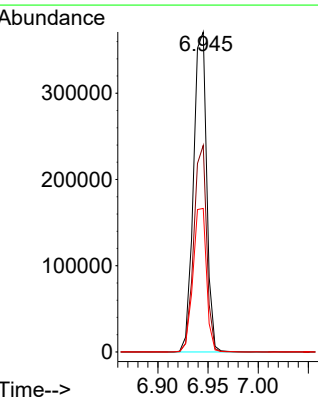
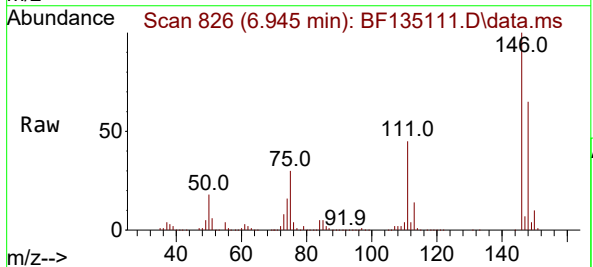
Tgt Ion:146 Resp: 341779

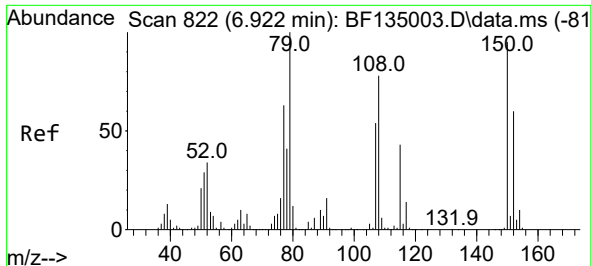
Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

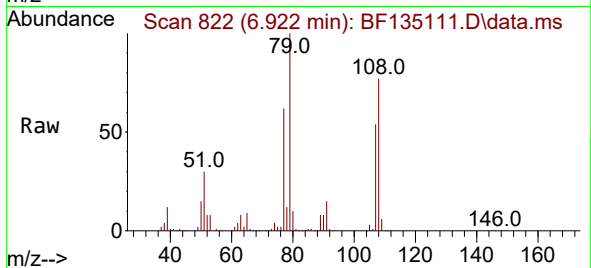
111 44.8 35.3 52.9





#15
Benzyl Alcohol
Concen: 49.739 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

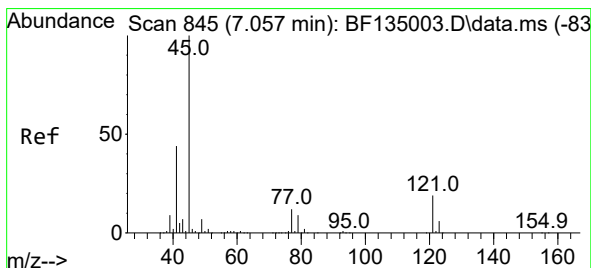
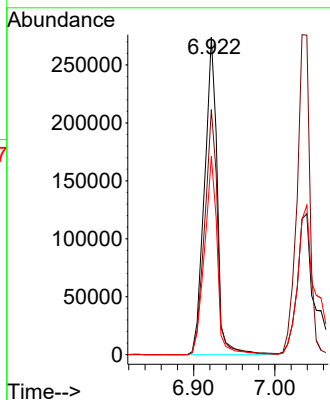
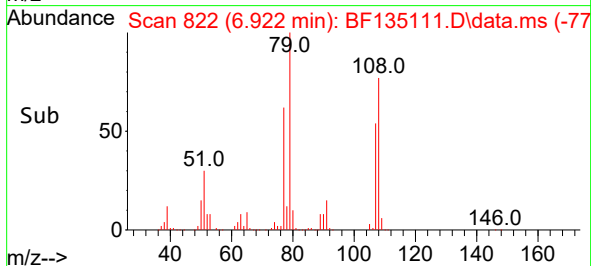
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion: 79 Resp: 297025
Ion Ratio Lower Upper
79 100
108 77.2 62.5 93.7
77 62.4 50.4 75.6

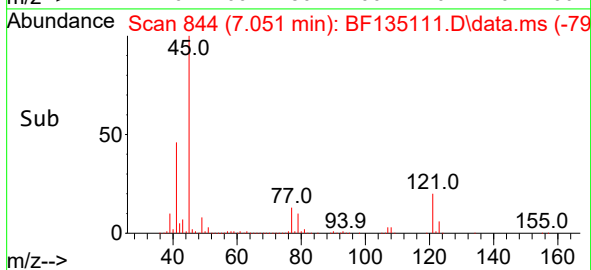
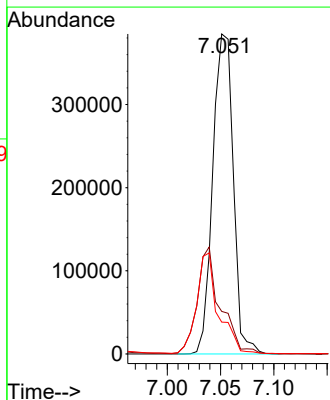
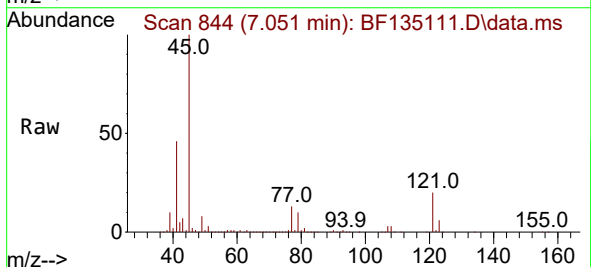
Manual Integrations
APPROVED

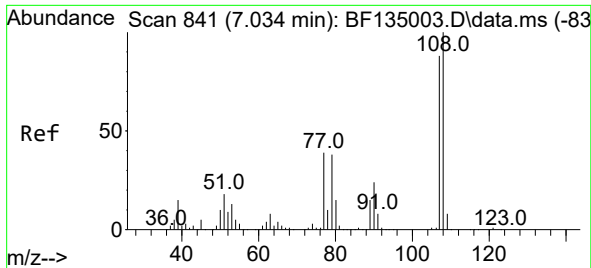
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.640 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion: 45 Resp: 515111
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.3
79 9.9 0.0 29.5





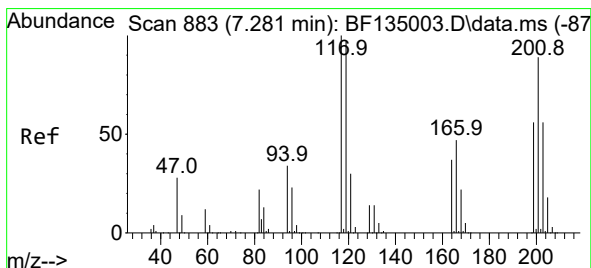
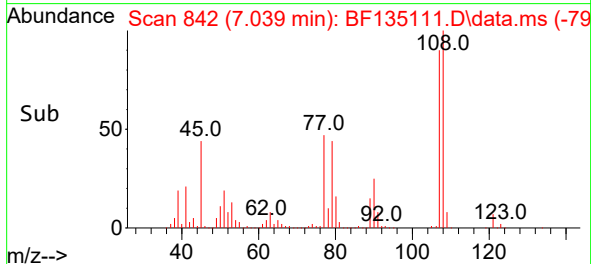
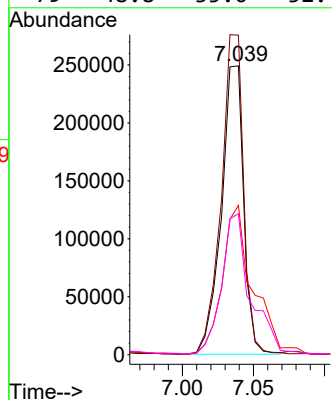
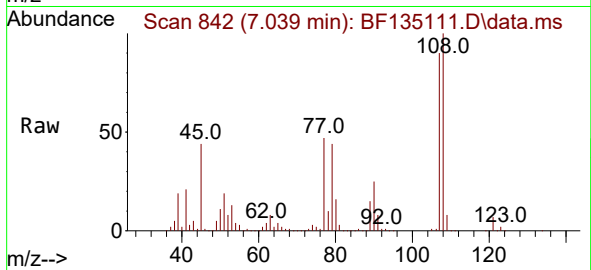
#17
2-Methylphenol
Concen: 43.792 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

Tgt Ion:107 Resp: 271102
Ion Ratio Lower Upper
107 100
108 110.6 91.2 136.8
77 51.7 36.0 54.0
79 48.8 35.0 52.4

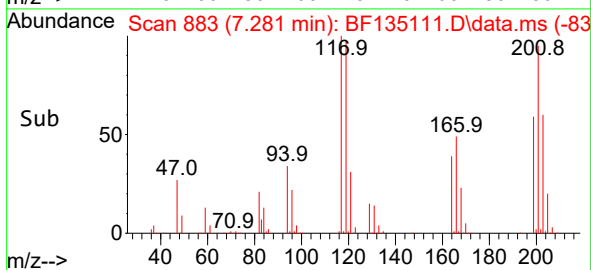
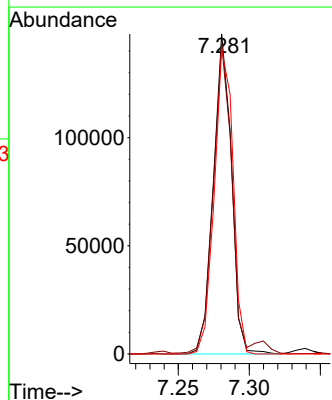
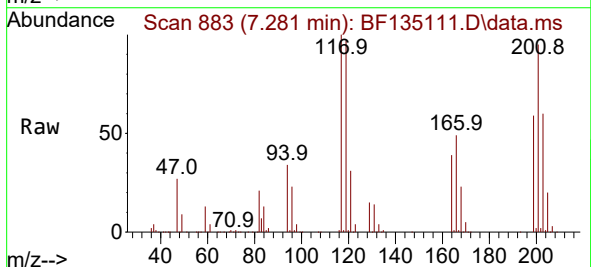
Manual Integrations
APPROVED

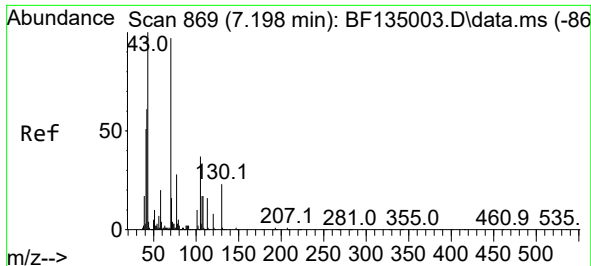
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#18
Hexachloroethane
Concen: 48.239 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:117 Resp: 130905
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2
201 95.3 71.4 107.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.857 ng

RT: 7.192 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

Tgt Ion: 70 Resp: 23224

Ion Ratio Lower Upper

70 100

42 65.9 50.2 75.4

101 9.4 8.1 12.1

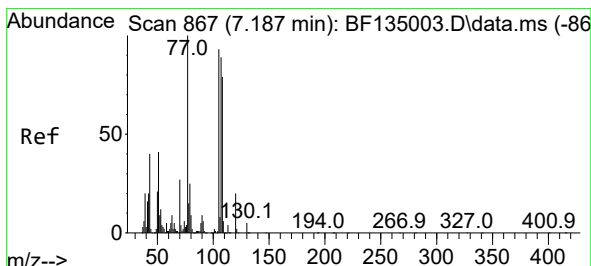
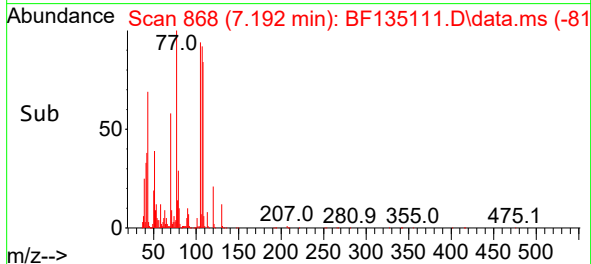
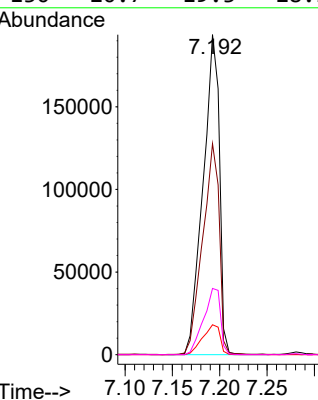
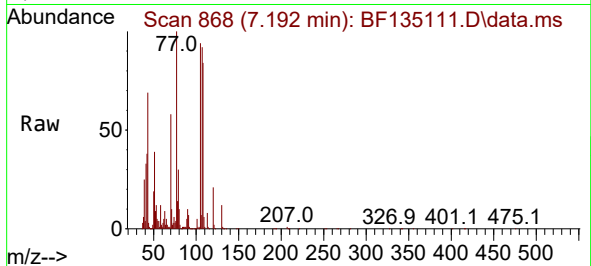
130 20.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#20

3+4-Methylphenols

Concen: 44.826 ng

RT: 7.186 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Tgt Ion:107 Resp: 327386

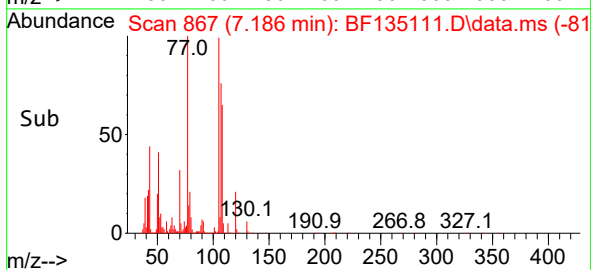
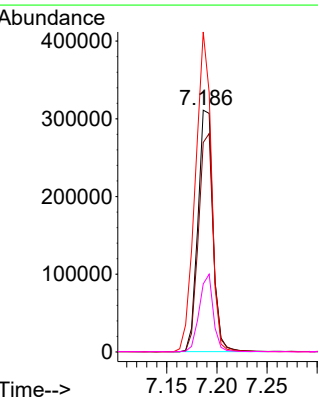
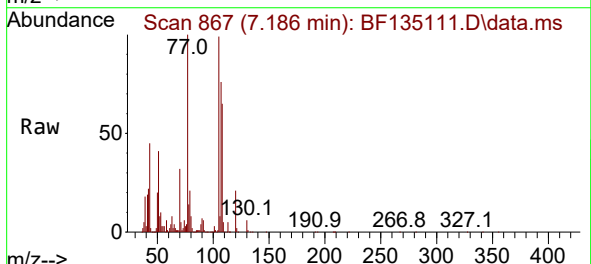
Ion Ratio Lower Upper

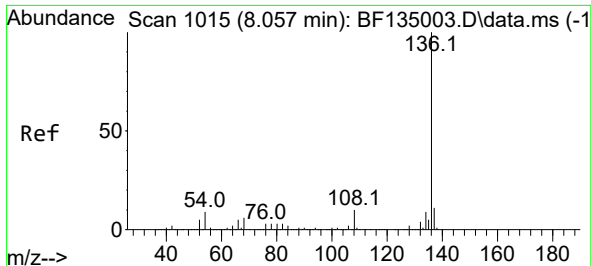
107 100

108 86.7 68.6 108.6

77 132.4 92.3 132.3#

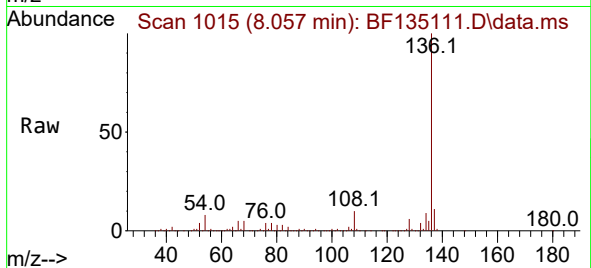
79 28.1 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

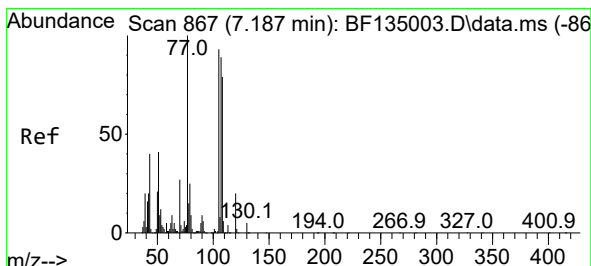
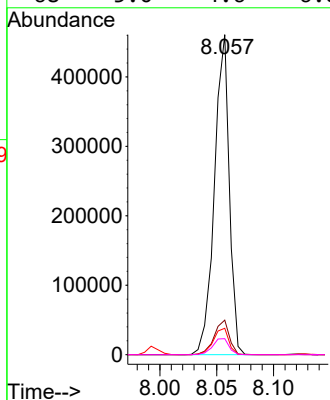
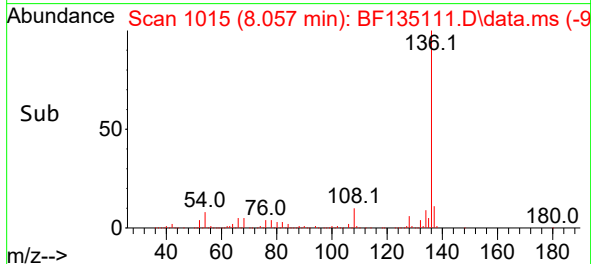
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:136 Resp: 419095
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.0 10.4
68 5.0 4.6 6.8

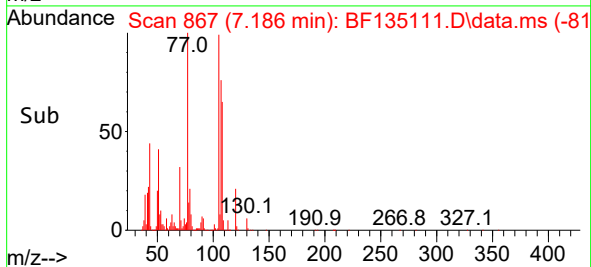
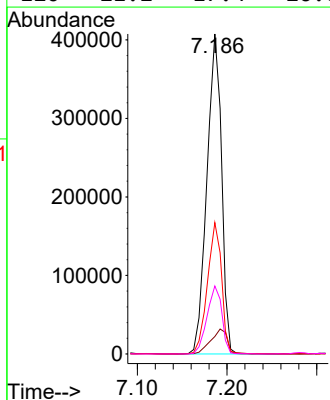
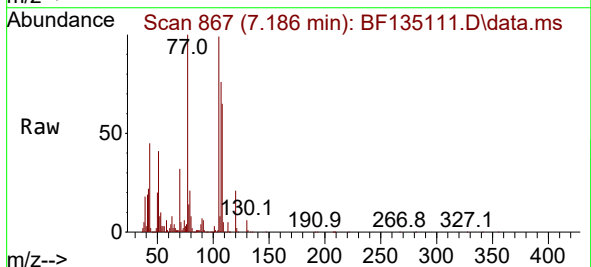
Manual Integrations
APPROVED

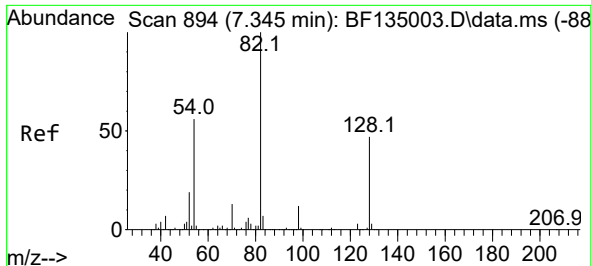
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#22
Acetophenone
Concen: 49.576 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:105 Resp: 462145
Ion Ratio Lower Upper
105 100
71 5.4 3.8 5.6
51 41.1 35.0 52.6
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 63.252 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135111.D

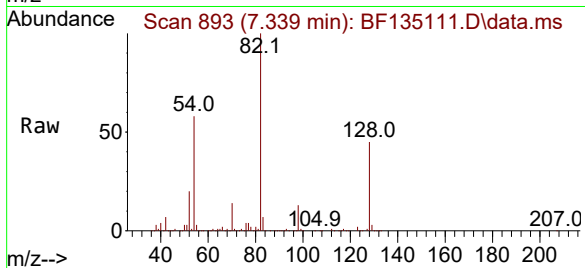
Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

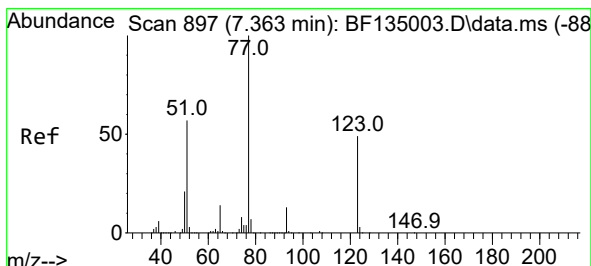
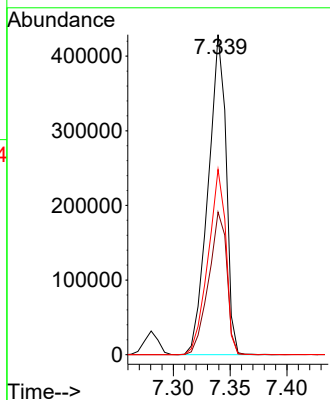
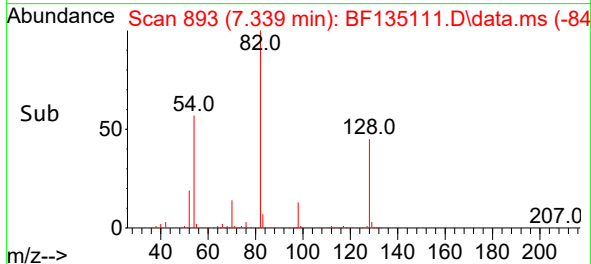
TP-01(6-7)MSD



Tgt Ion: 82	Resp: 471844
Ion Ratio	Lower Upper
82	100
128	44.5 37.8 56.8
54	57.9 45.0 67.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#24

Nitrobenzene

Concen: 46.424 ng

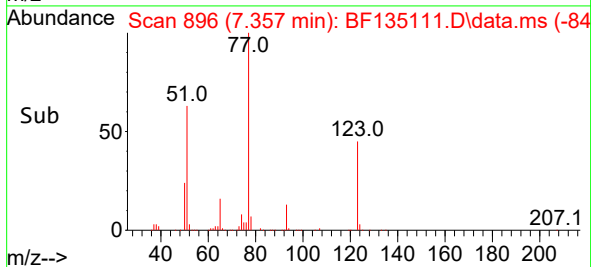
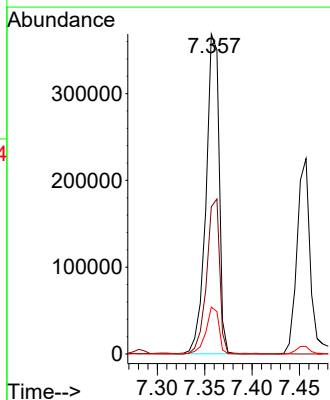
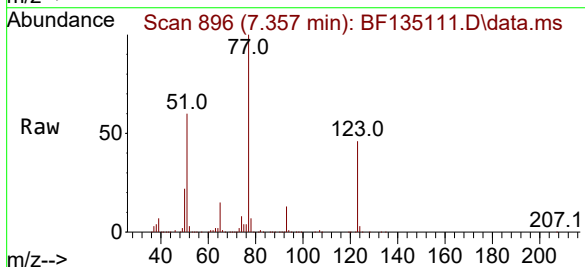
RT: 7.357 min Scan# 896

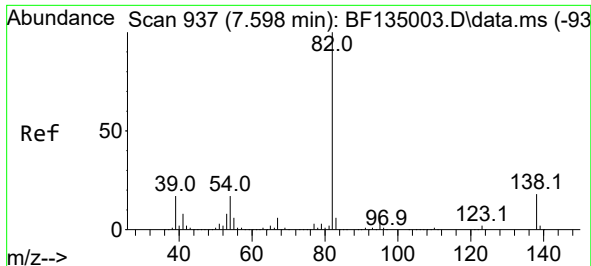
Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

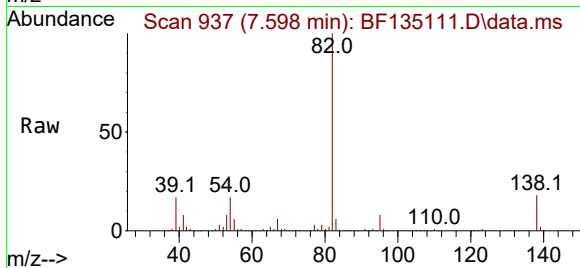
Tgt Ion: 77	Resp: 355244
Ion Ratio	Lower Upper
77	100
123	46.0 39.4 59.2
65	14.7 11.4 17.2





#25
Isophorone
Concen: 45.111 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

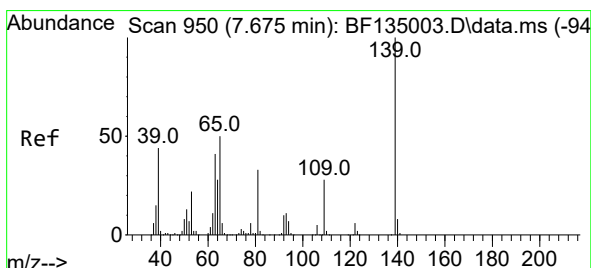
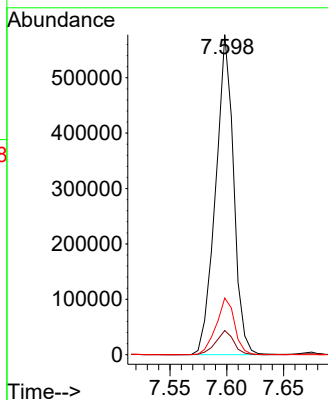
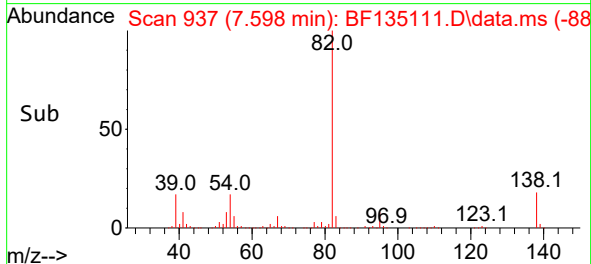
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion: 82 Resp: 63802
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 17.7 14.7 22.1

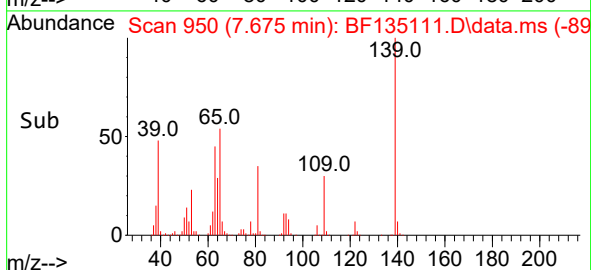
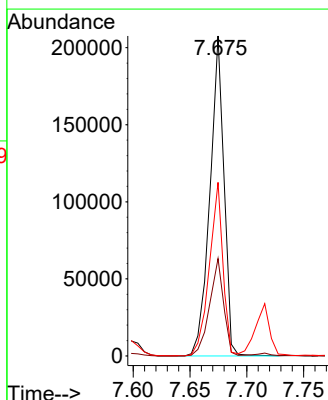
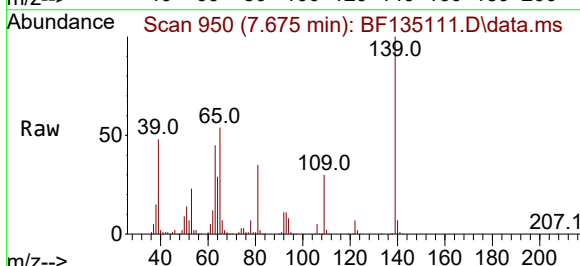
Manual Integrations
APPROVED

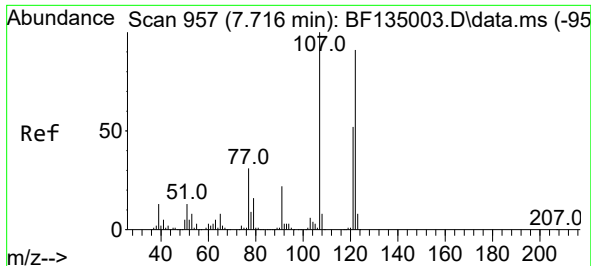
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#26
2-Nitrophenol
Concen: 47.374 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

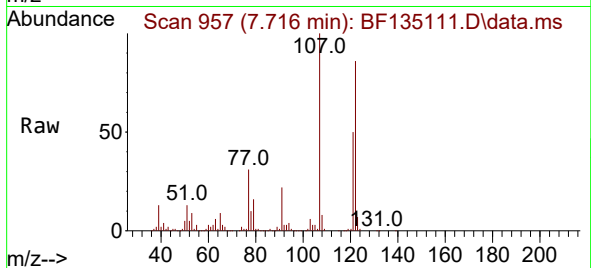
Tgt Ion:139 Resp: 179106
Ion Ratio Lower Upper
139 100
109 30.5 22.6 34.0
65 54.2 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 45.149 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

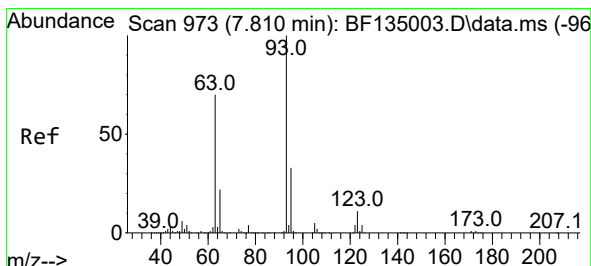
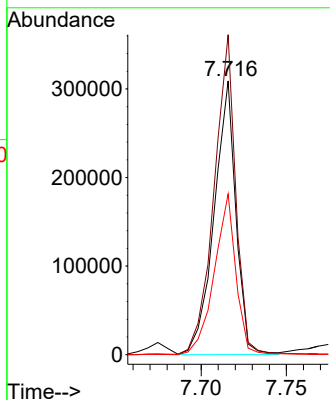
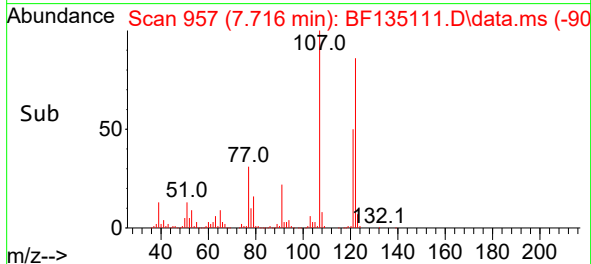
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



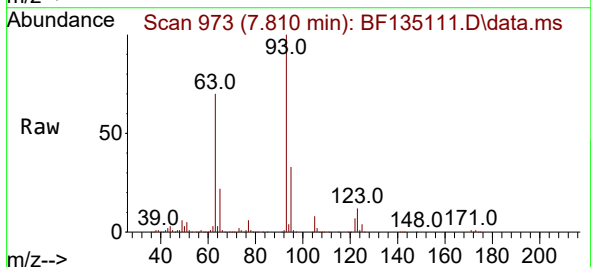
Tgt Ion:122 Resp: 274809
Ion Ratio Lower Upper
122 100
107 116.9 87.8 131.8
121 58.8 46.0 69.0

Manual Integrations
APPROVED

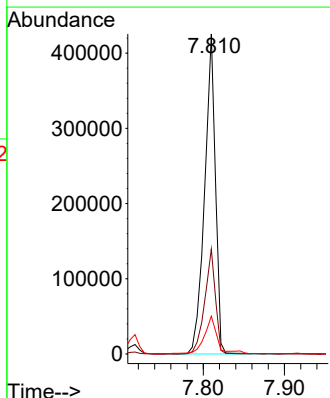
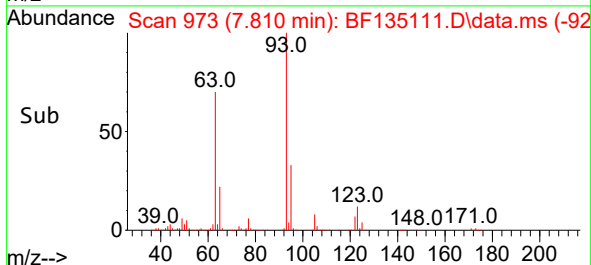
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

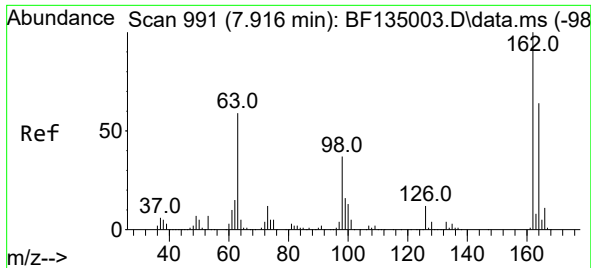


#28
bis(2-Chloroethoxy)methane
Concen: 46.109 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



Tgt Ion: 93 Resp: 393393
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.153 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

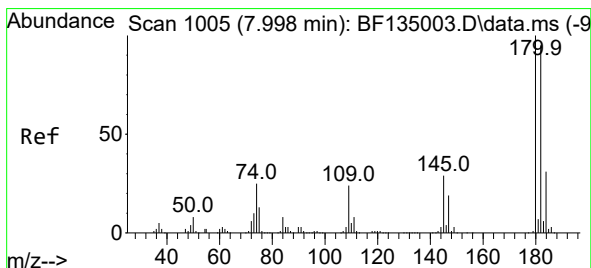
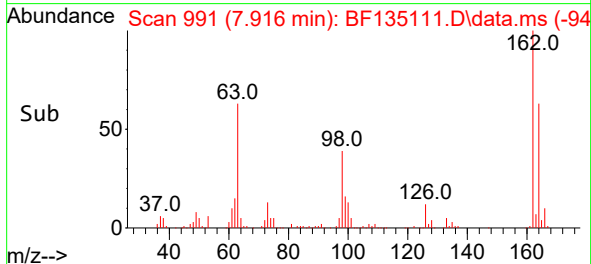
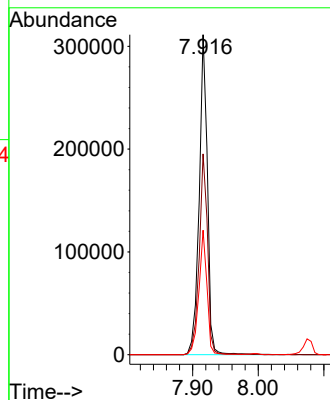
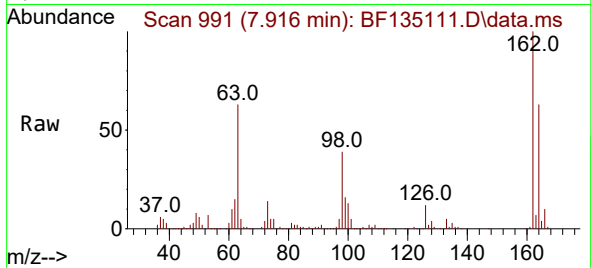
Tgt Ion:162	Resp: 272775
Ion Ratio	Lower Upper
162 100	
164 62.8	44.2 84.2
98 38.9	17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.102 ng

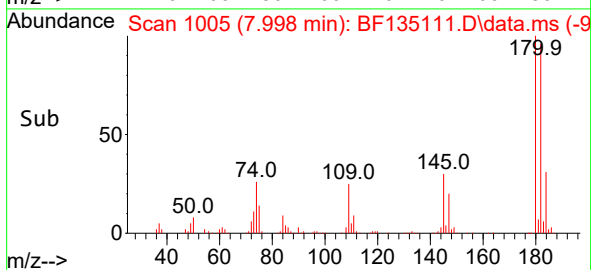
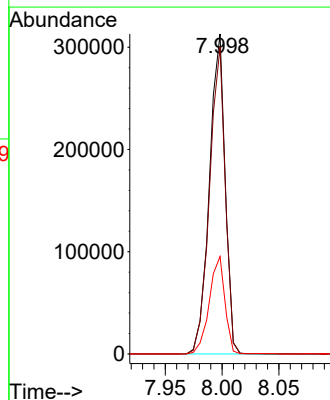
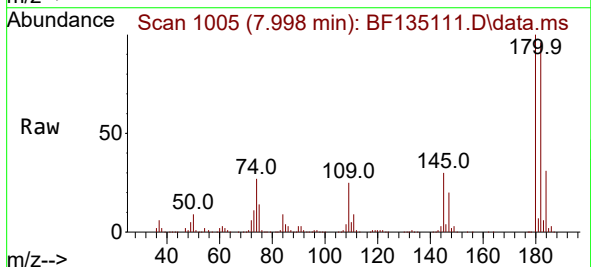
RT: 7.998 min Scan# 1005

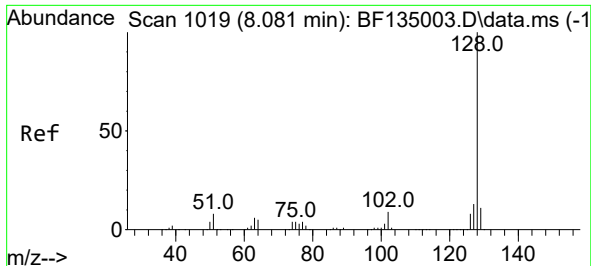
Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

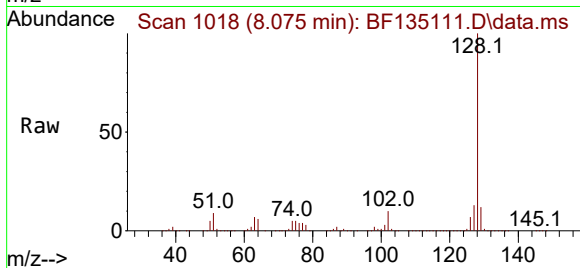
Tgt Ion:180	Resp: 300713
Ion Ratio	Lower Upper
180 100	
182 95.9	76.3 114.5
145 30.4	23.5 35.3





#31
Naphthalene
Concen: 46.116 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

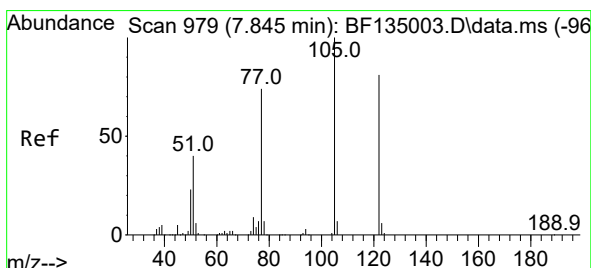
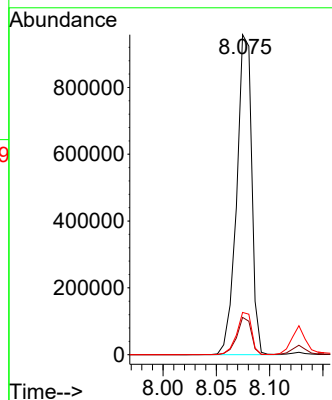
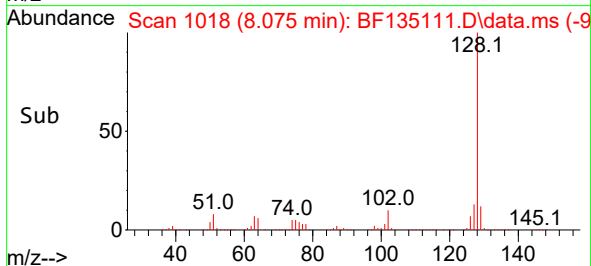
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:128 Resp: 944112
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.2 10.6 16.0

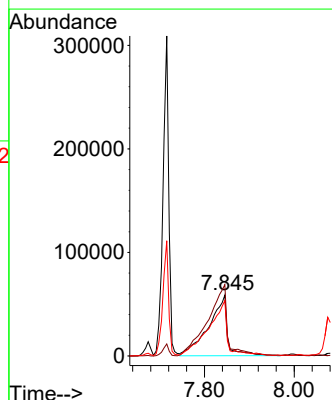
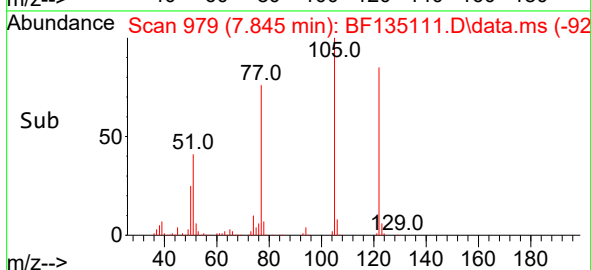
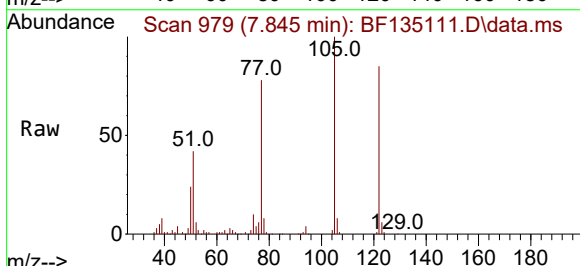
Manual Integrations
APPROVED

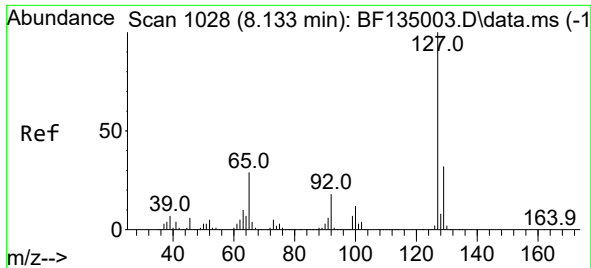
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#32
Benzoic acid
Concen: 35.556 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:122 Resp: 173123
Ion Ratio Lower Upper
122 100
105 117.4 99.8 139.8
77 91.2 69.5 109.5





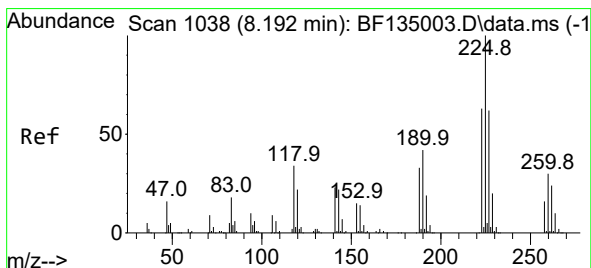
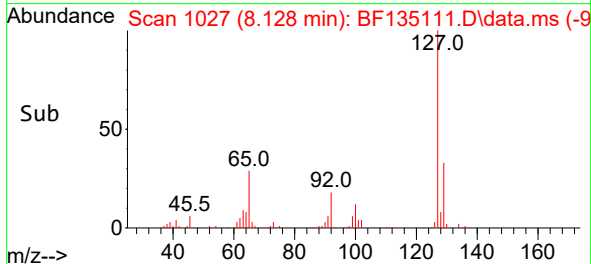
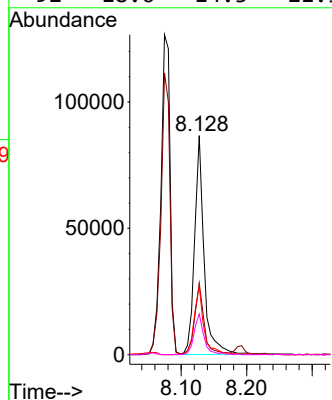
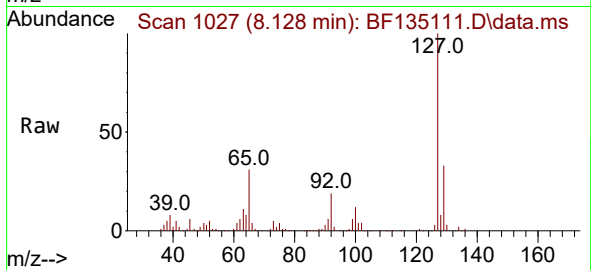
#33
4-Chloroaniline
Concen: 9.840 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

Tgt Ion:	127	Resp:	8811
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.6	38.4
65	31.3	23.1	34.7
92	18.6	14.3	21.5

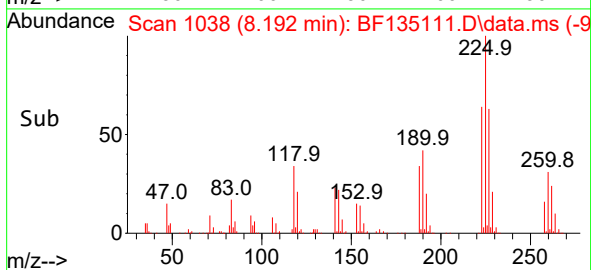
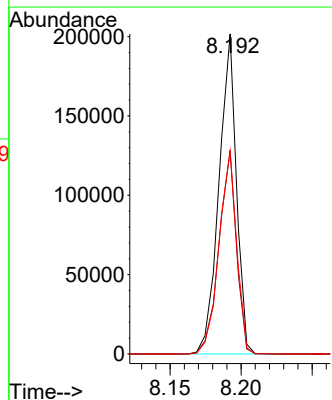
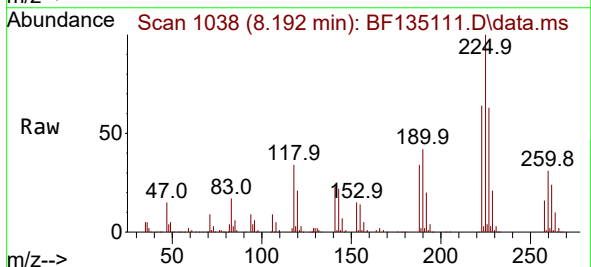
Manual Integrations
APPROVED

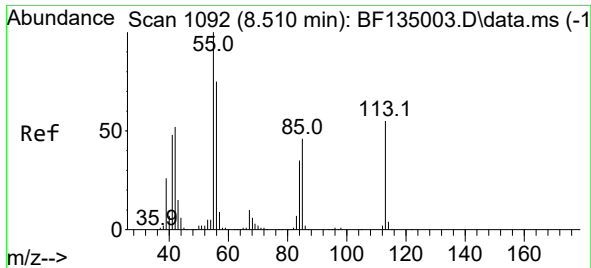
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#34
Hexachlorobutadiene
Concen: 48.370 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

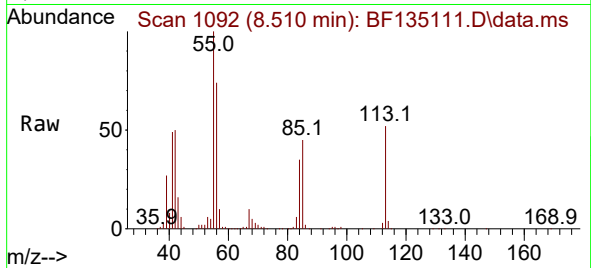
Tgt Ion:	225	Resp:	171606
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.7	76.1
227	63.4	49.6	74.4





#35
Caprolactam
Concen: 44.537 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

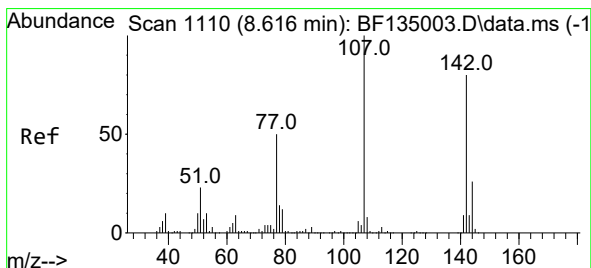
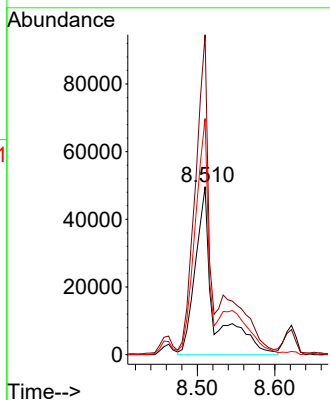
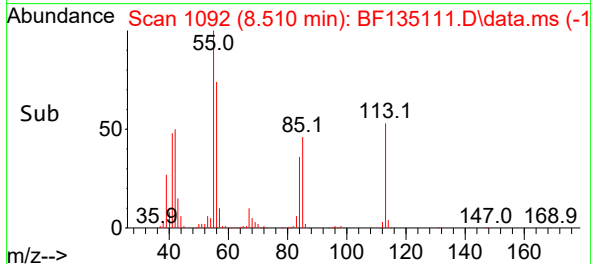
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:113 Resp: 84359
Ion Ratio Lower Upper
113 100
55 190.5 160.6 200.6
56 140.6 115.4 155.4

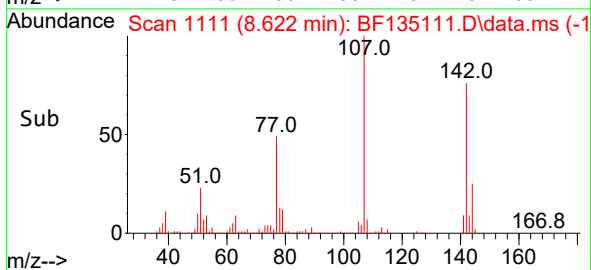
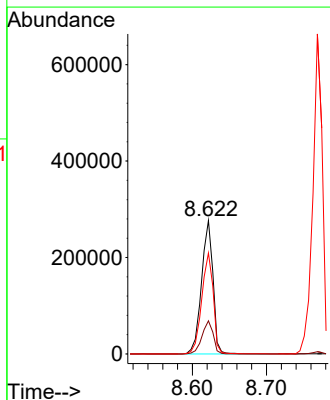
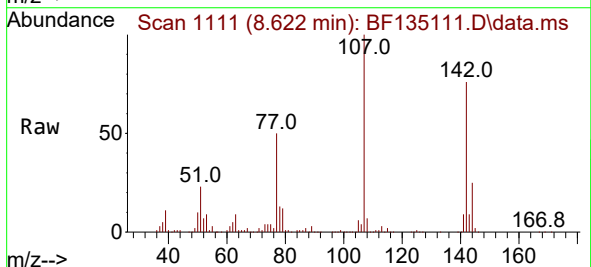
Manual Integrations
APPROVED

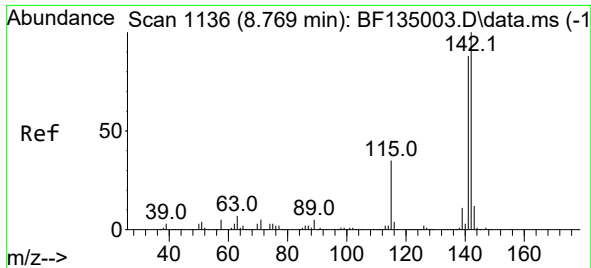
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#36
4-Chloro-3-methylphenol
Concen: 47.471 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

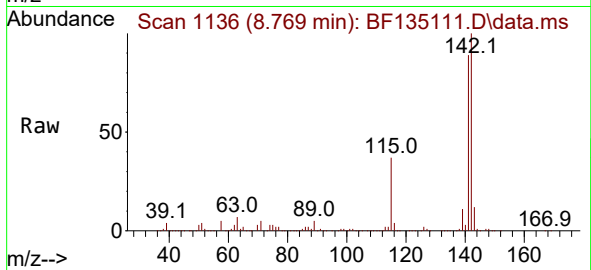
Tgt Ion:107 Resp: 298275
Ion Ratio Lower Upper
107 100
144 24.9 20.6 31.0
142 75.7 64.4 96.6





#37
2-Methylnaphthalene
Concen: 43.268 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

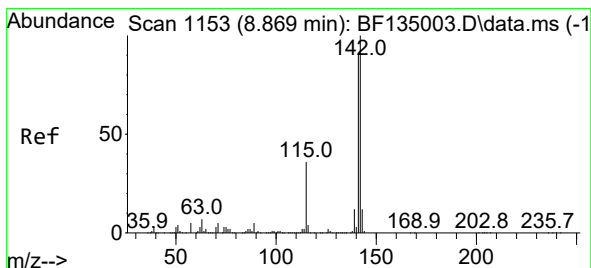
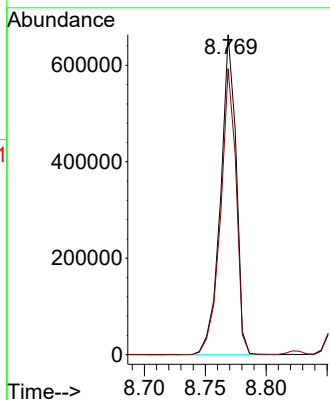
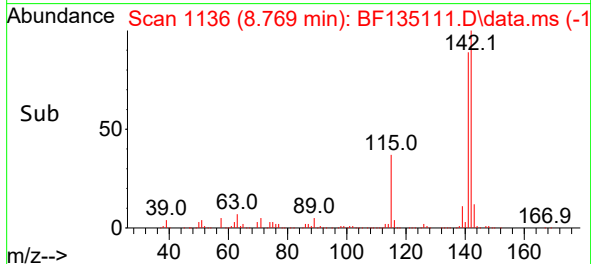
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



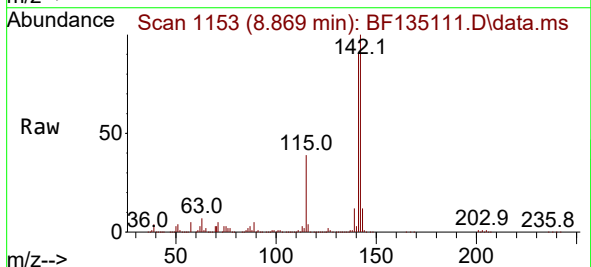
Tgt Ion:142 Resp: 591035
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1

Manual Integrations
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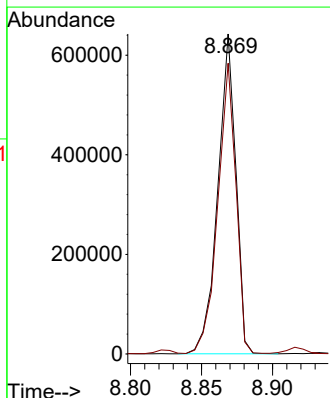
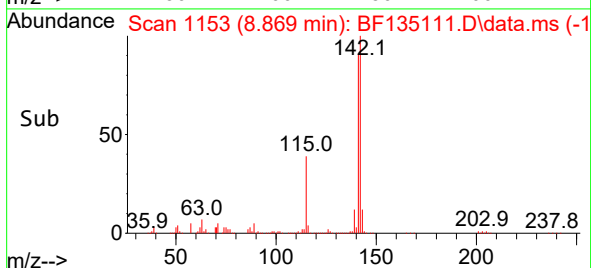
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

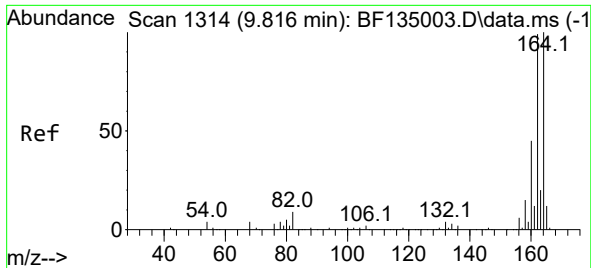


#38
1-Methylnaphthalene
Concen: 44.212 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



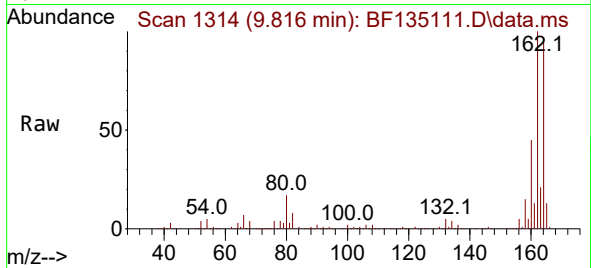
Tgt Ion:142 Resp: 565082
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

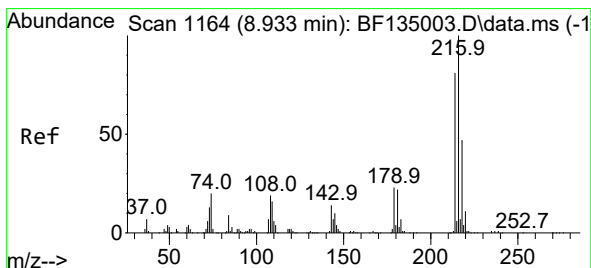
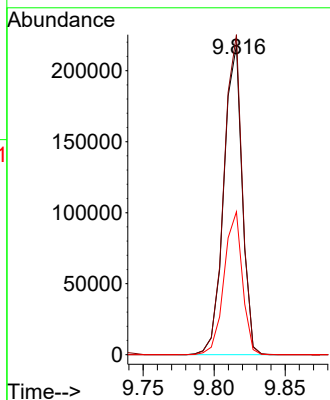
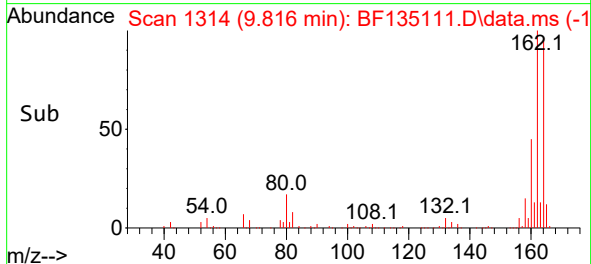
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



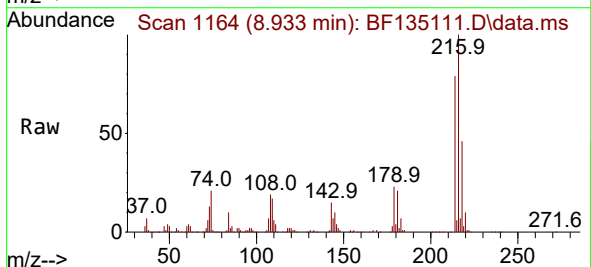
Tgt Ion:164 Resp: 196058
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 46.2 36.0 54.0

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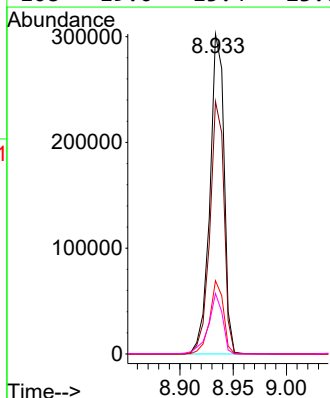
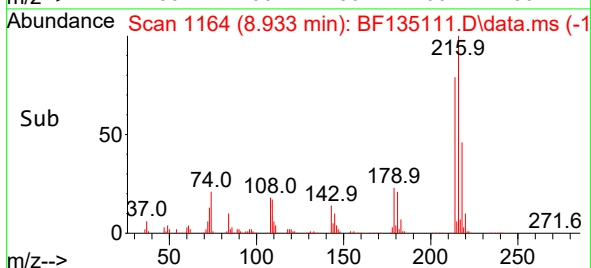
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

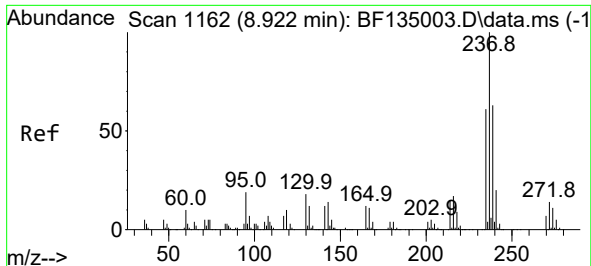


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.021 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



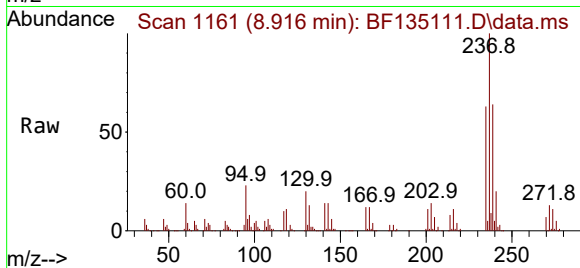
Tgt Ion:216 Resp: 280023
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.8
179 22.0 17.7 26.5
108 19.0 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 41.100 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

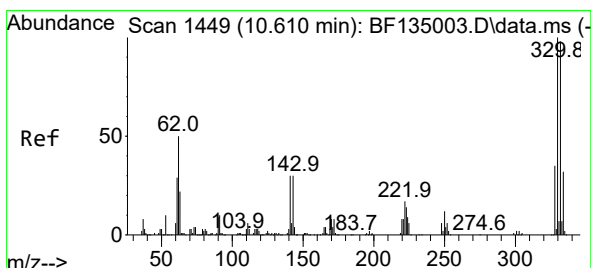
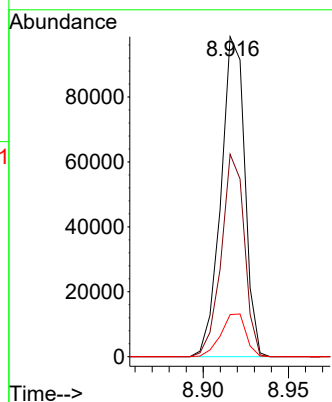
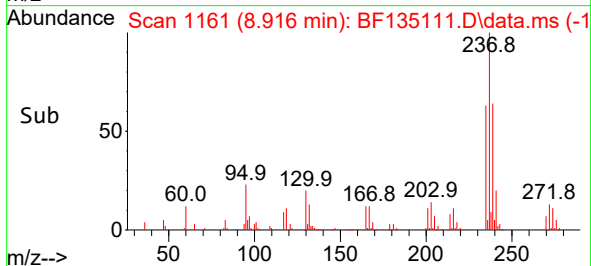
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



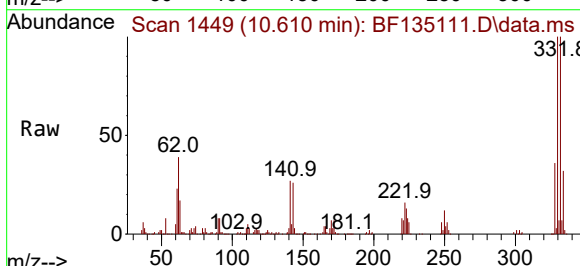
Tgt Ion: 237 Resp: 96009
Ion Ratio Lower Upper
237 100
235 63.3 40.9 80.9
272 13.1 0.0 33.9

Manual Integrations
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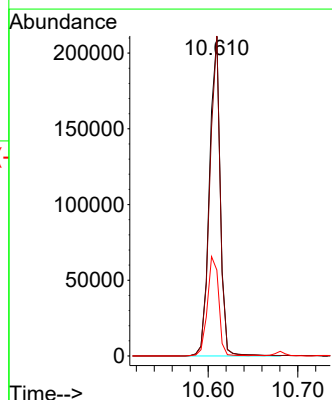
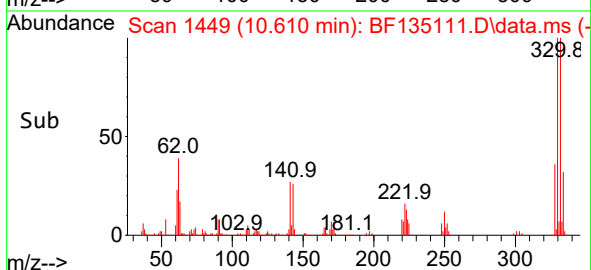
Reviewed By : Yogesh Patel 09/06/2023
Supervised By : mohammad ahmed 09/07/2023

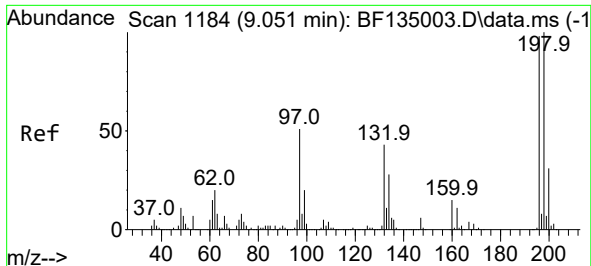


#42
2,4,6-Tribromophenol
Concen: 84.363 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



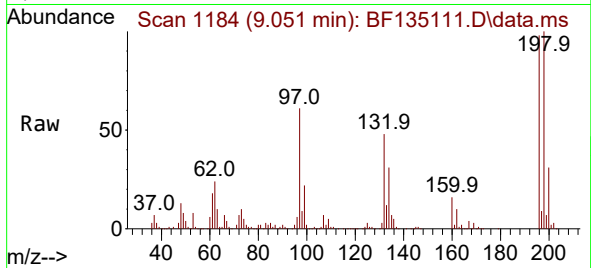
Tgt Ion: 330 Resp: 175455
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 32.9 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 48.363 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

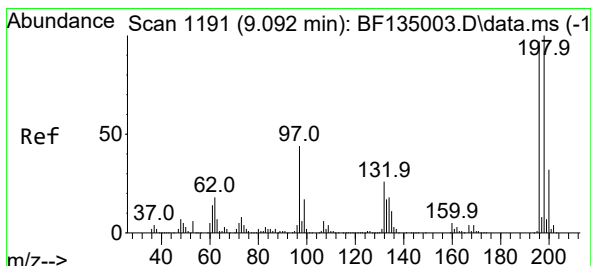
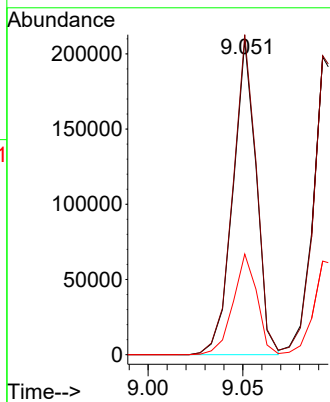
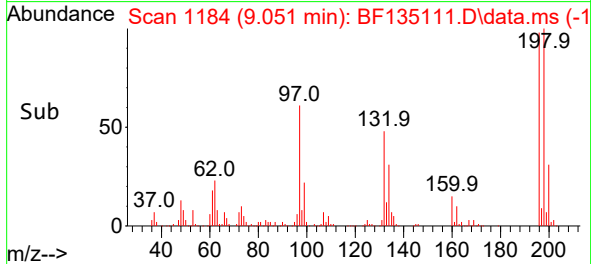
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



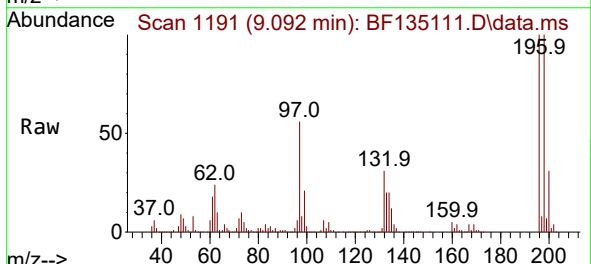
Tgt Ion:196 Resp: 17826
Ion Ratio Lower Upper
196 100
198 101.9 81.8 122.6
200 32.1 25.7 38.5

Manual Integrations
APPROVED

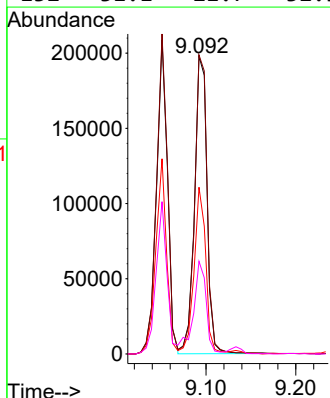
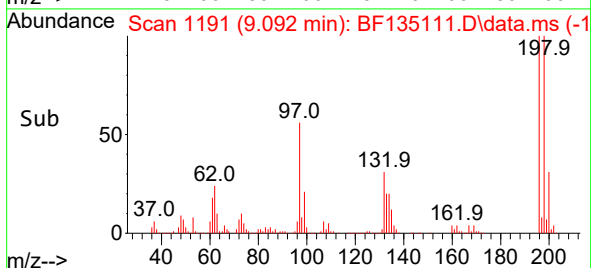
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

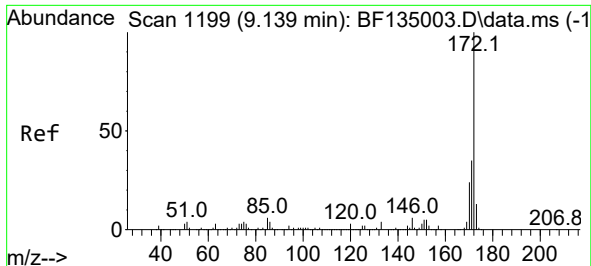


#44
2,4,5-Trichlorophenol
Concen: 45.010 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



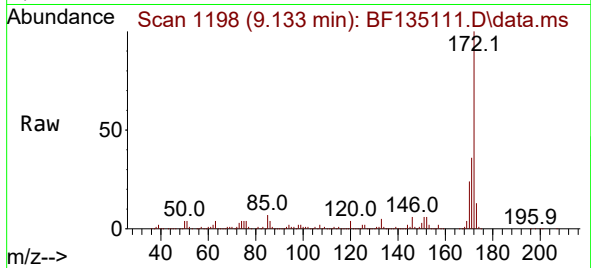
Tgt Ion:196 Resp: 192072
Ion Ratio Lower Upper
196 100
198 100.4 82.8 124.2
97 56.0 36.5 54.7#
132 31.1 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 69.972 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

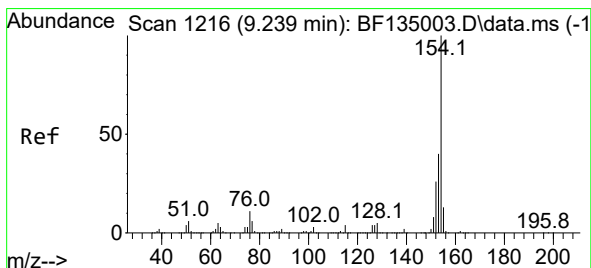
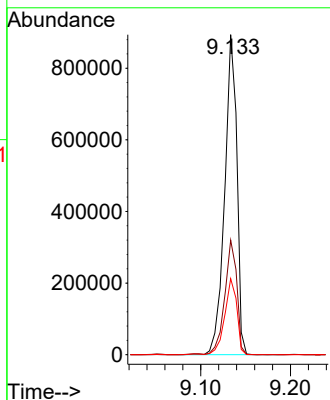
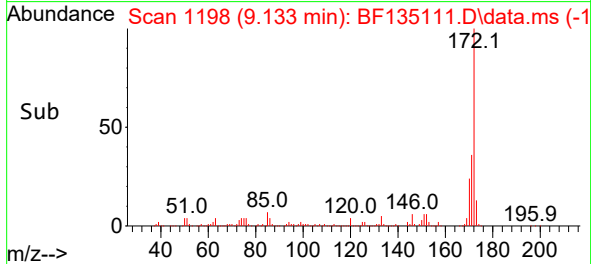
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:172 Resp: 842610
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.8 19.0 28.4

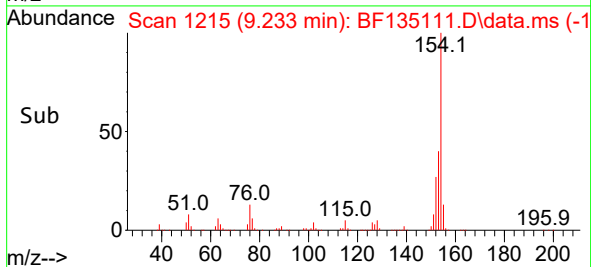
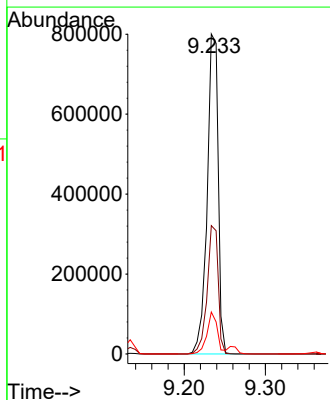
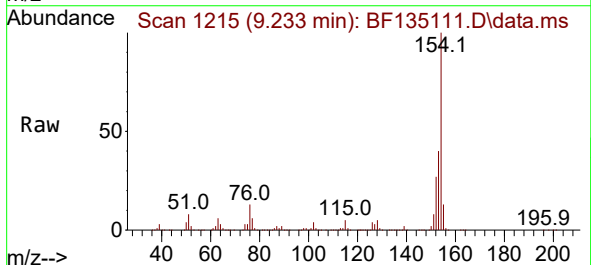
Manual Integrations
APPROVED

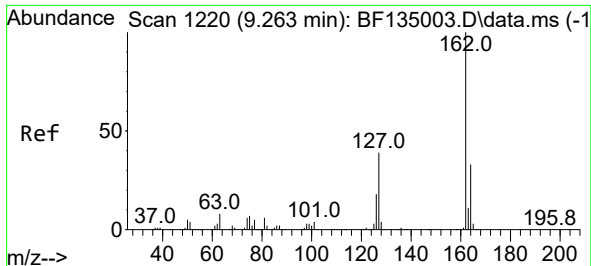
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#46
1,1'-Biphenyl
Concen: 50.083 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:154 Resp: 750209
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 13.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.042 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

Tgt Ion:162 Resp: 55242

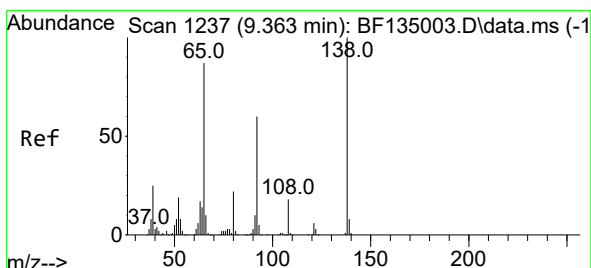
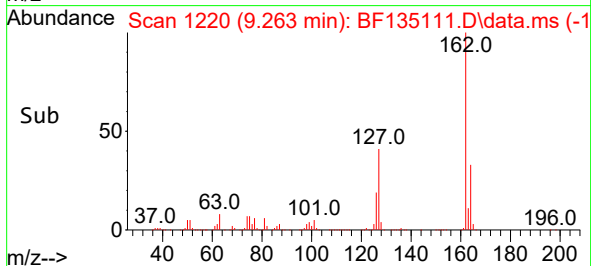
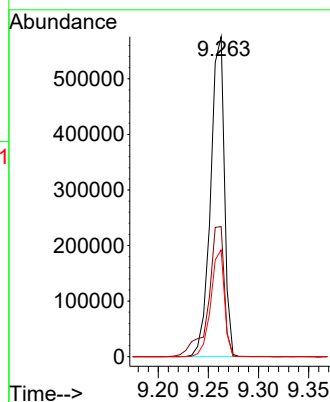
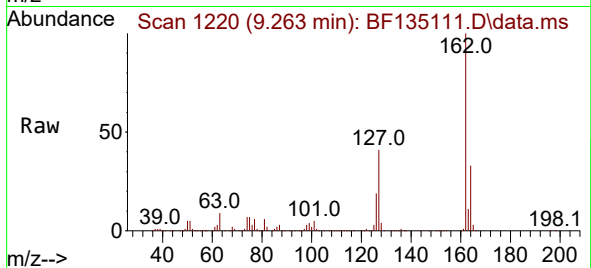
Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.8	47.6
164	33.3	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#48

2-Nitroaniline

Concen: 48.896 ng

RT: 9.363 min Scan# 1237

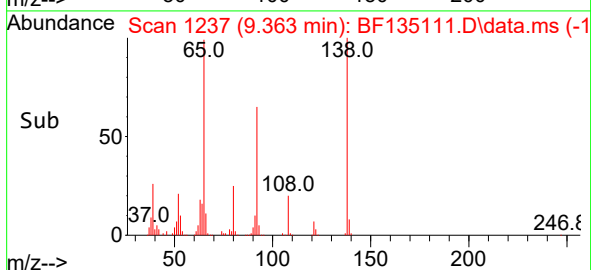
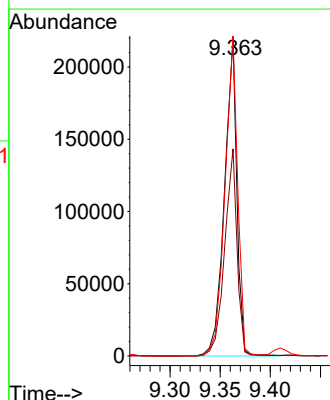
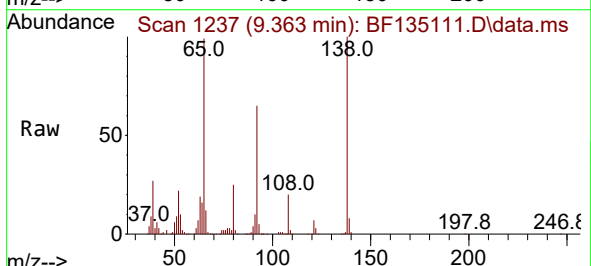
Delta R.T. -0.000 min

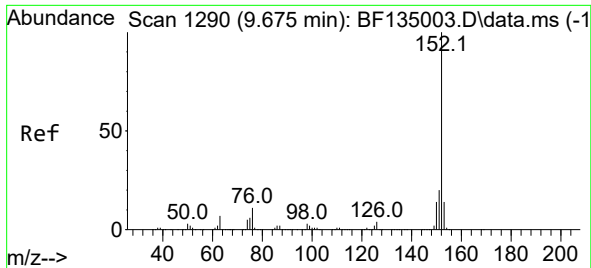
Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Tgt Ion: 65 Resp: 188543

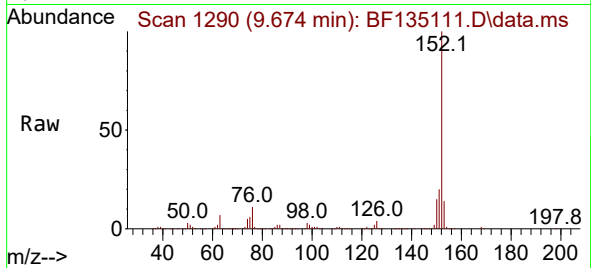
Ion	Ratio	Lower	Upper
65	100		
92	65.3	54.9	82.3
138	100.9	91.6	137.4





#49
Acenaphthylene
Concen: 48.612 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

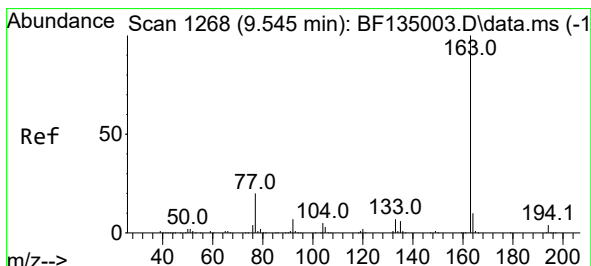
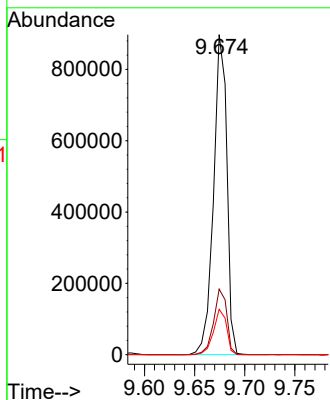
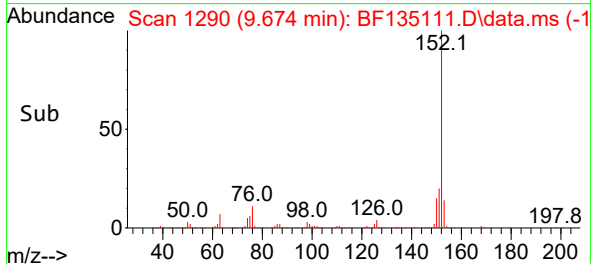
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



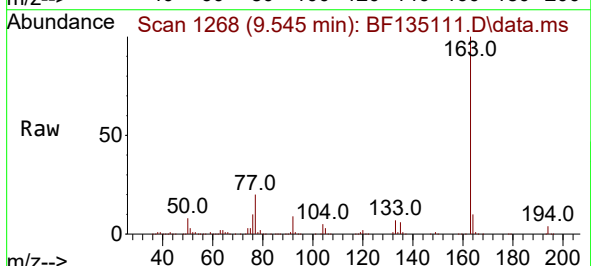
Tgt Ion:152 Resp: 827749
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.2 11.4 17.0

Manual Integrations
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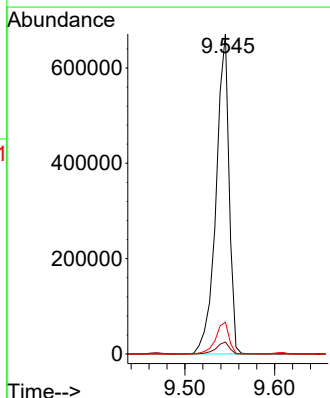
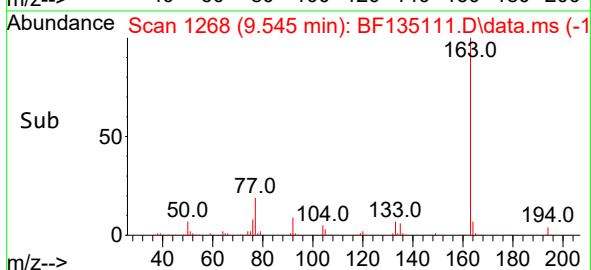
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

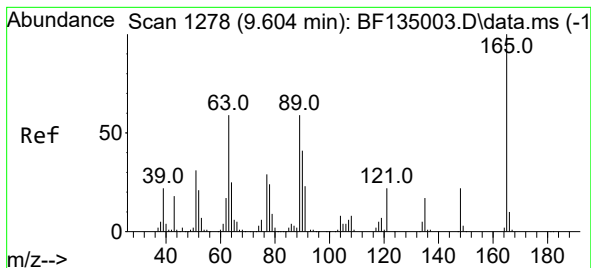


#50
Dimethylphthalate
Concen: 49.196 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



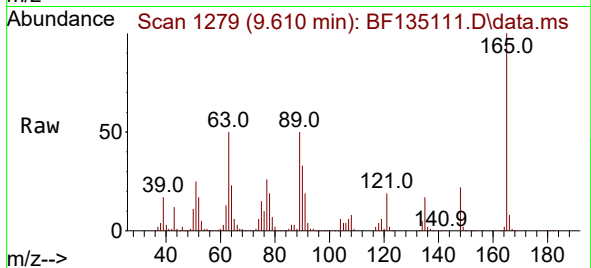
Tgt Ion:163 Resp: 675371
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.611 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

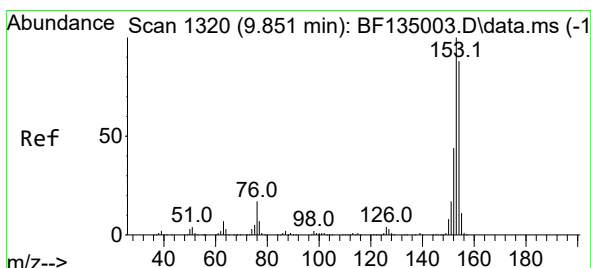
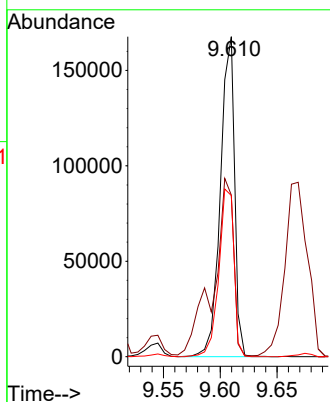
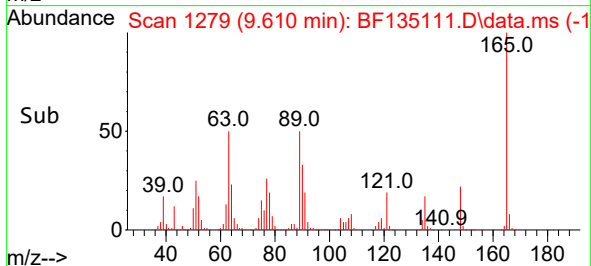
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:165 Resp: 146432
Ion Ratio Lower Upper
165 100
63 50.5 50.4 75.6
89 50.3 47.1 70.7

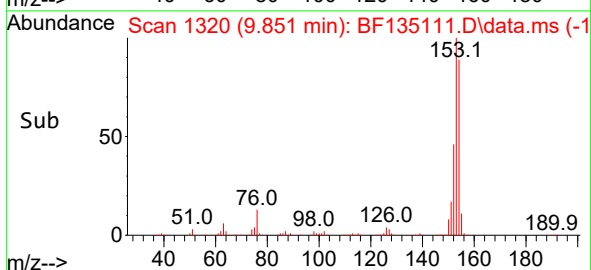
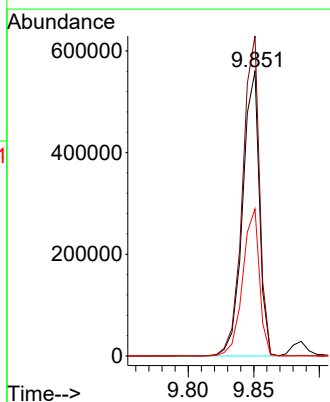
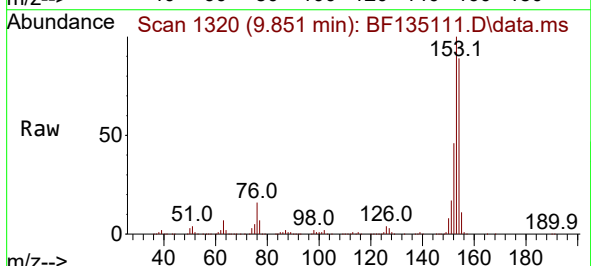
Manual Integrations
APPROVED

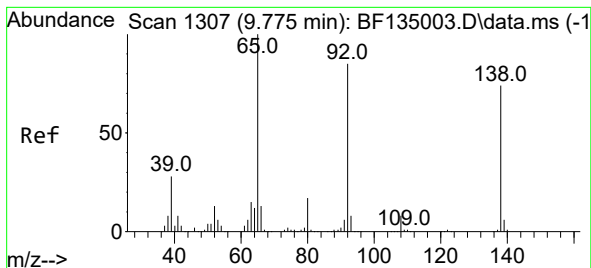
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#52
Acenaphthene
Concen: 46.100 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

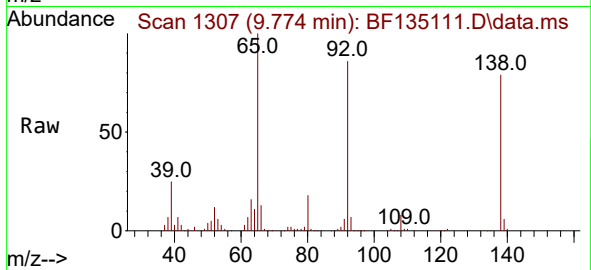
Tgt Ion:154 Resp: 500245
Ion Ratio Lower Upper
154 100
153 112.5 90.8 136.2
152 51.7 40.2 60.4





#53
3-Nitroaniline
Concen: 22.345 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

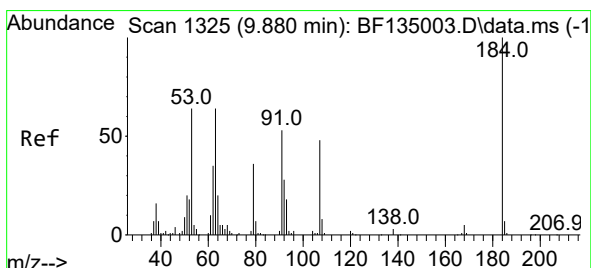
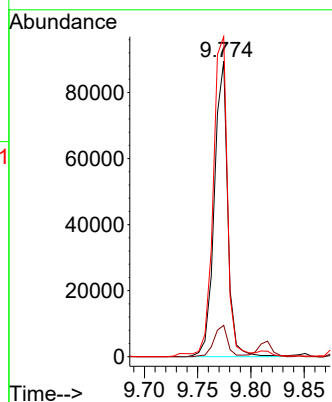
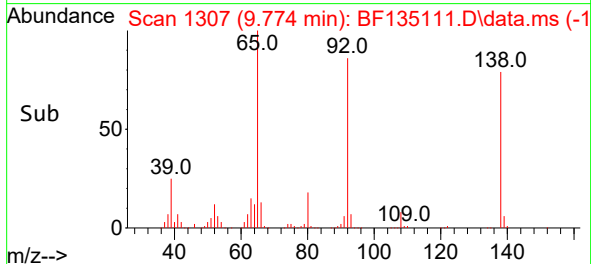
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



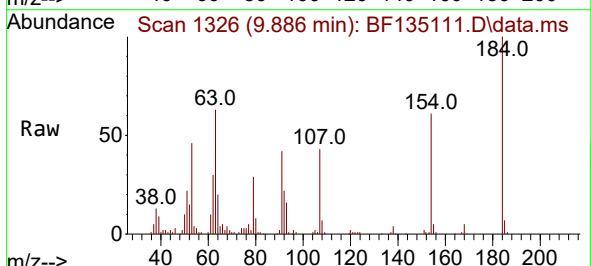
Tgt Ion:138 Resp: 78408
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 108.4 92.2 138.4

Manual Integrations
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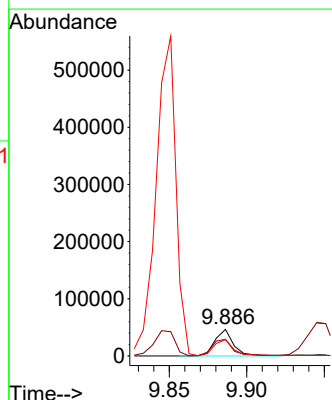
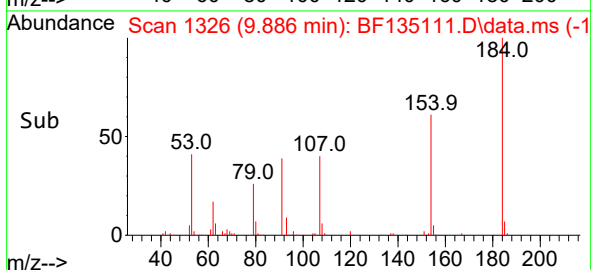
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

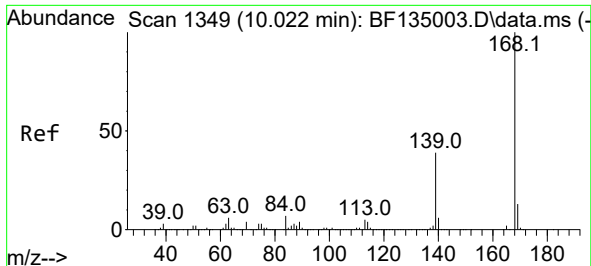


#54
2,4-Dinitrophenol
Concen: 27.063 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



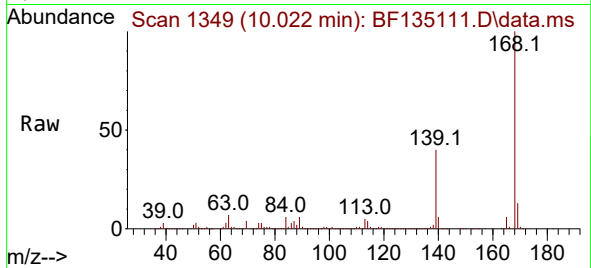
Tgt Ion:184 Resp: 38962
Ion Ratio Lower Upper
184 100
63 62.8 62.2 93.2
154 61.4 52.3 78.5





#55
Dibenzenofuran
Concen: 45.574 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

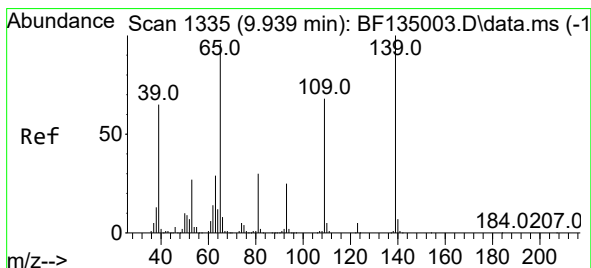
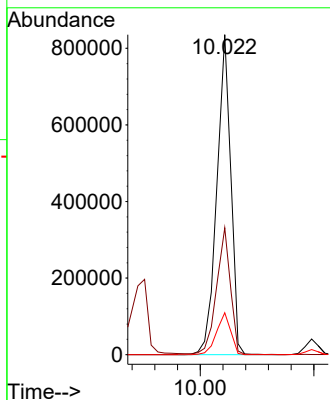
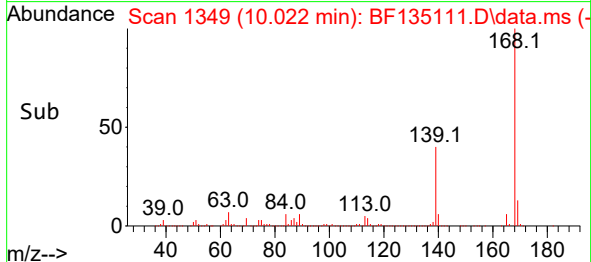
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:168 Resp: 71338
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.1 10.7 16.1

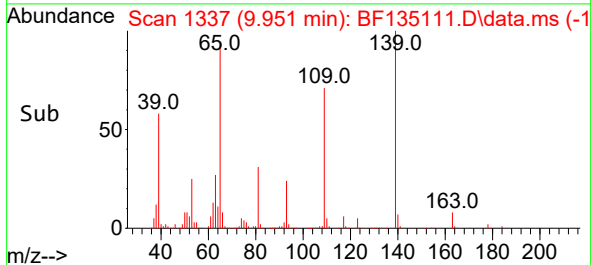
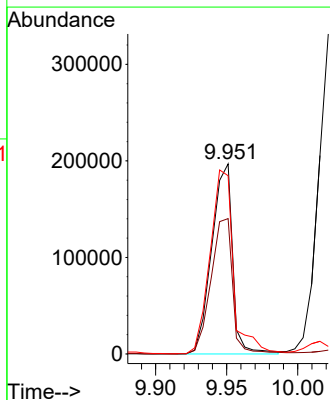
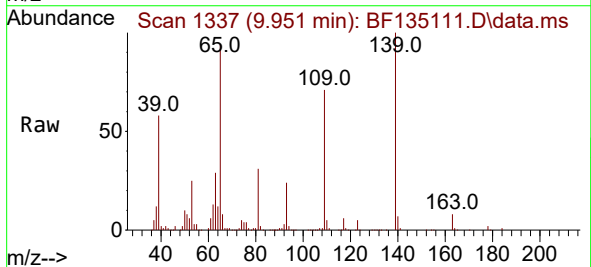
Manual Integrations
APPROVED

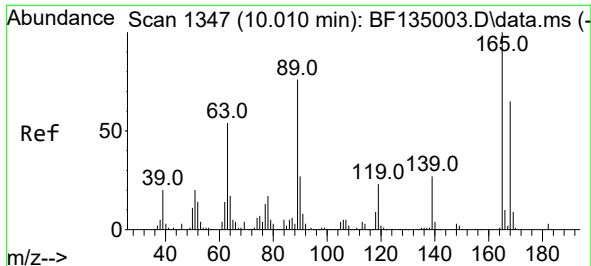
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#56
4-Nitrophenol
Concen: 81.510 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

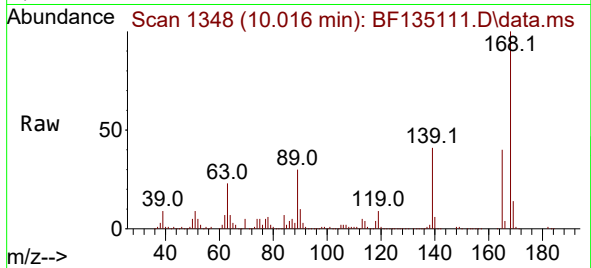
Tgt Ion:139 Resp: 201051
Ion Ratio Lower Upper
139 100
109 71.2 47.7 87.7
65 93.7 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 46.219 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

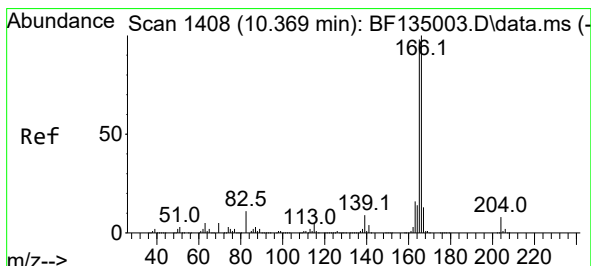
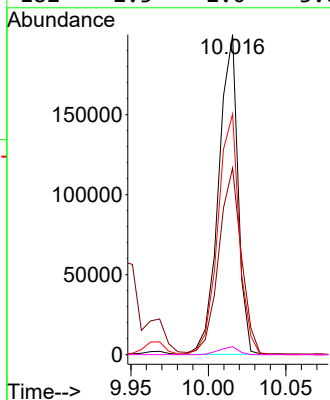
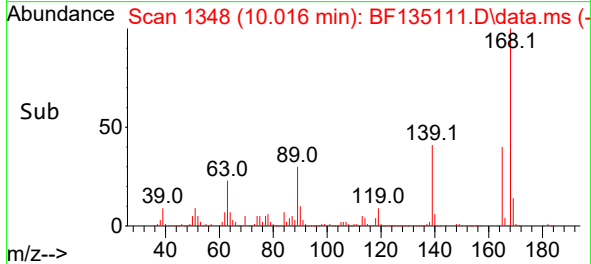
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



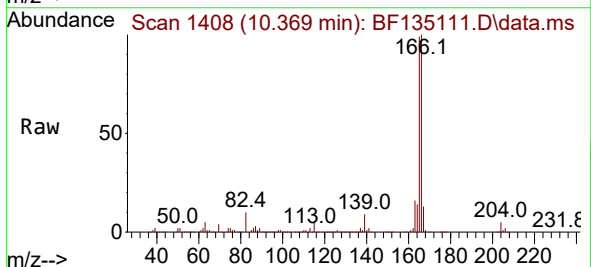
Tgt Ion:165 Resp: 17350
Ion Ratio Lower Upper
165 100
63 58.3 43.2 64.8
89 75.2 60.8 91.2
182 2.5 2.0 3.0

Manual Integrations
APPROVED

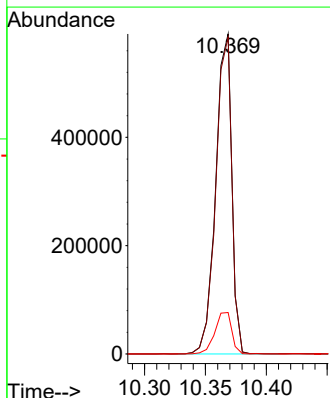
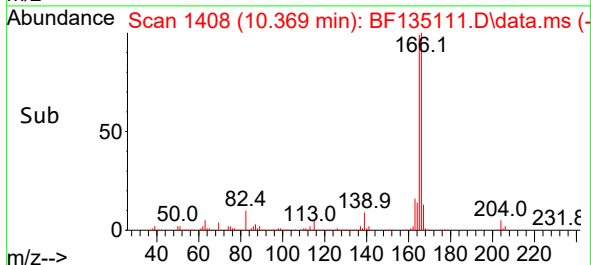
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

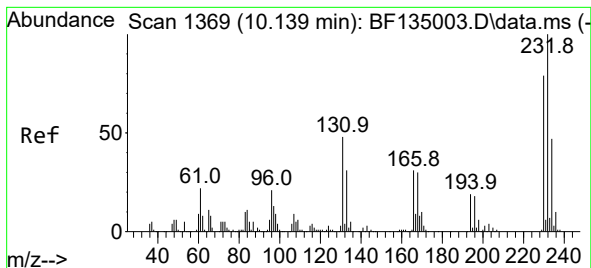


#58
Fluorene
Concen: 45.516 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



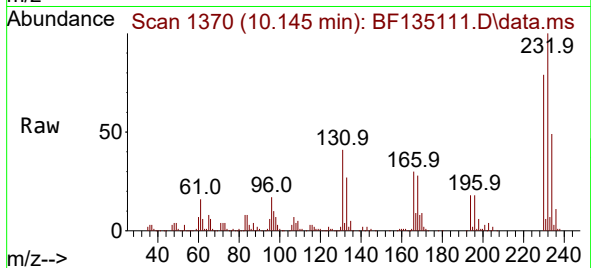
Tgt Ion:166 Resp: 543173
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 12.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.771 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

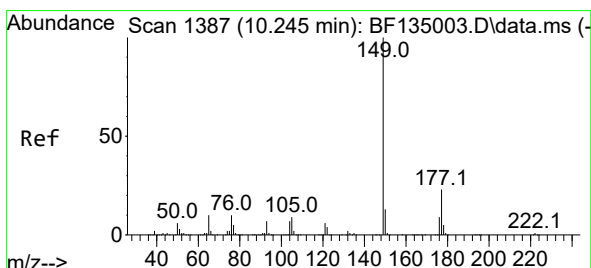
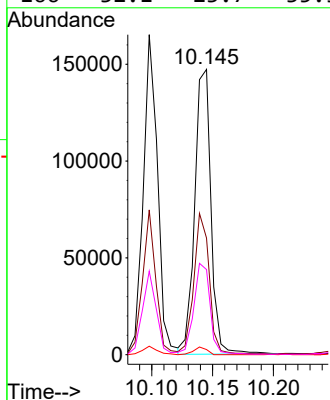
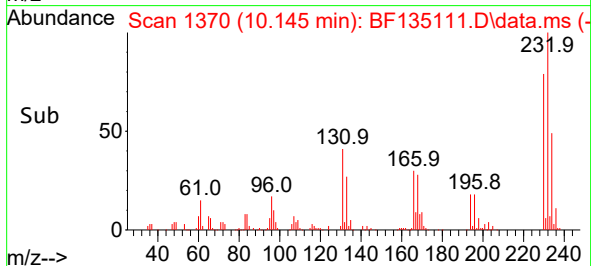
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:232 Resp: 137259
Ion Ratio Lower Upper
232 100
131 46.9 35.3 52.9
130 2.2 1.7 2.5
166 32.1 23.7 35.5

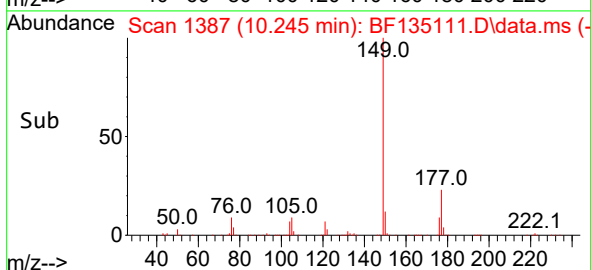
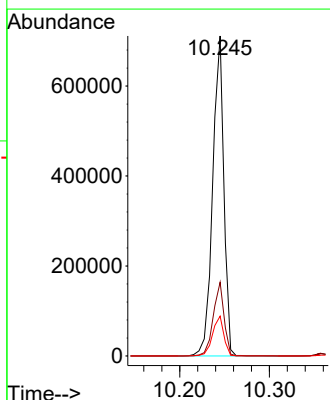
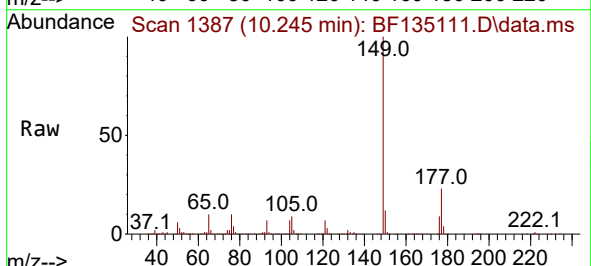
Manual Integrations
APPROVED

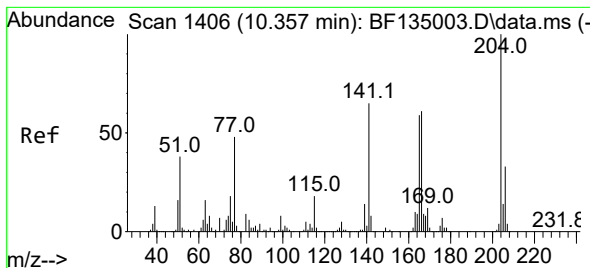
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#60
Diethylphthalate
Concen: 47.581 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

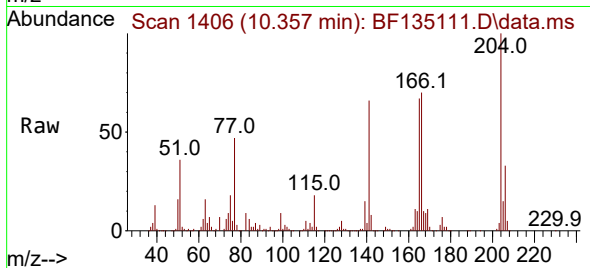
Tgt Ion:149 Resp: 614884
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.937 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

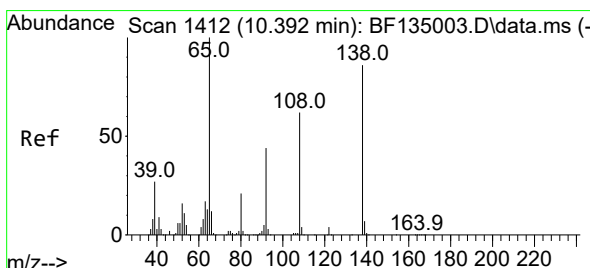
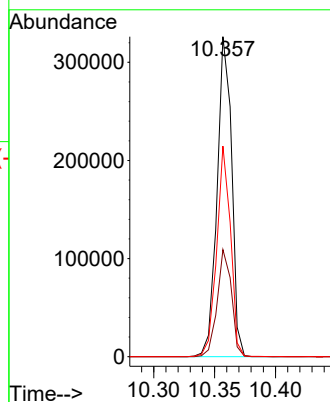
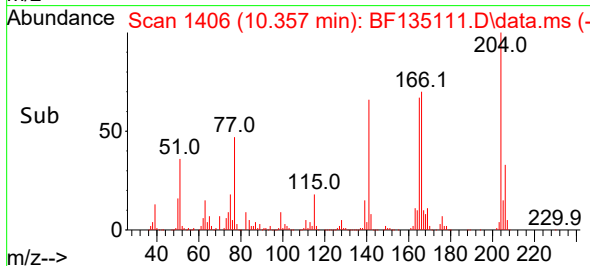
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:204 Resp: 271158
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 65.8 51.8 77.6

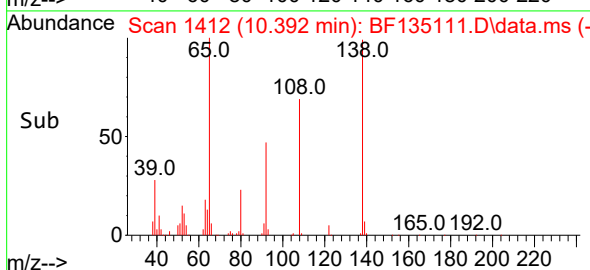
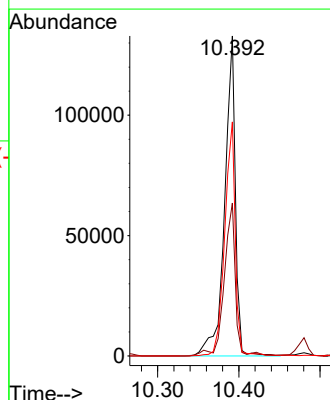
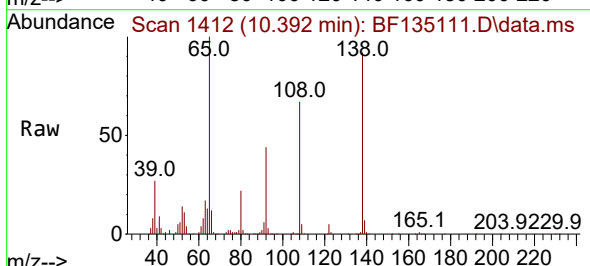
Manual Integrations
APPROVED

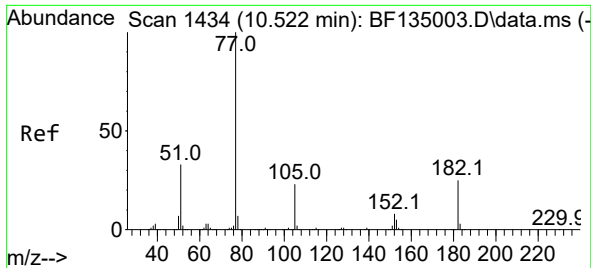
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#62
4-Nitroaniline
Concen: 35.918 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

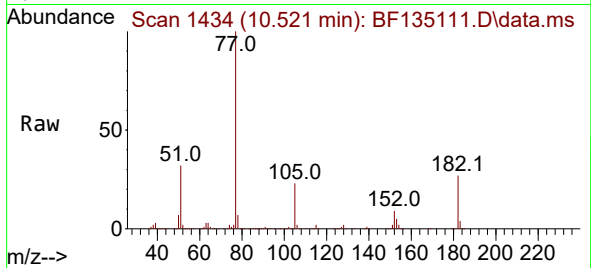
Tgt Ion:138 Resp: 123323
Ion Ratio Lower Upper
138 100
92 47.8 30.7 70.7
108 73.1 51.7 91.7





#63
Azobenzene
Concen: 43.269 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

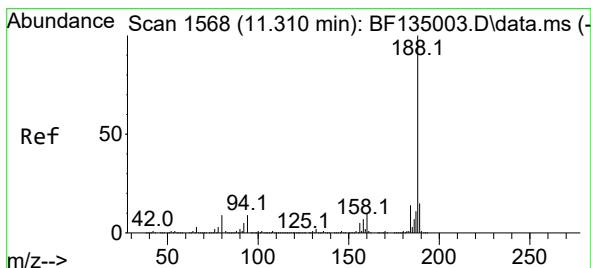
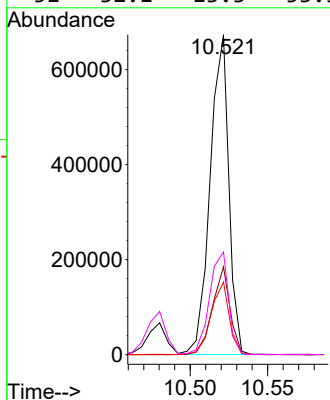
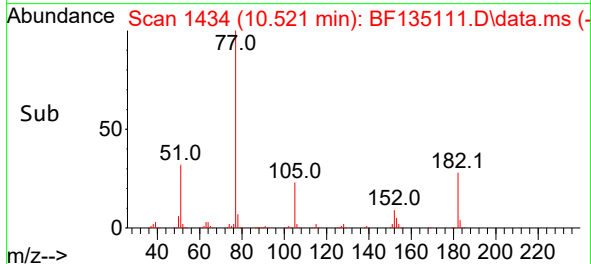
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion: 77 Resp: 563028
Ion Ratio Lower Upper
77 100
182 27.5 4.9 44.9
105 22.7 2.7 42.7
51 32.1 13.3 53.3

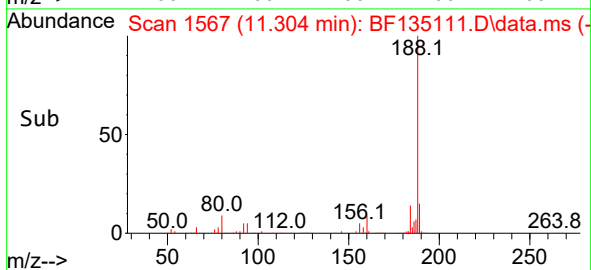
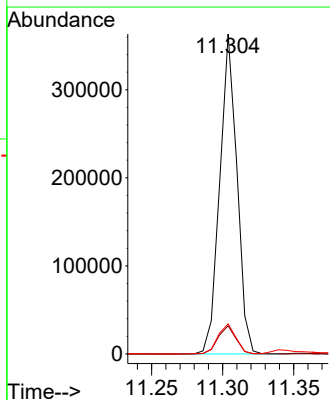
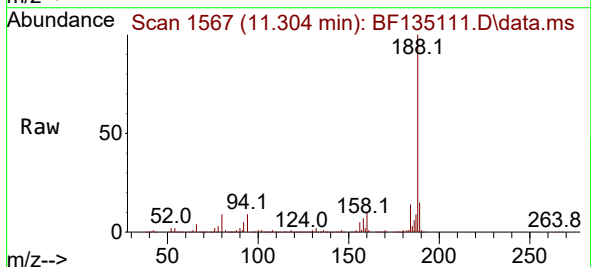
Manual Integrations
APPROVED

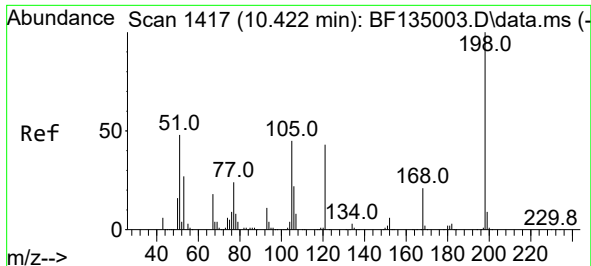
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:188 Resp: 306257
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.4 7.4 11.2





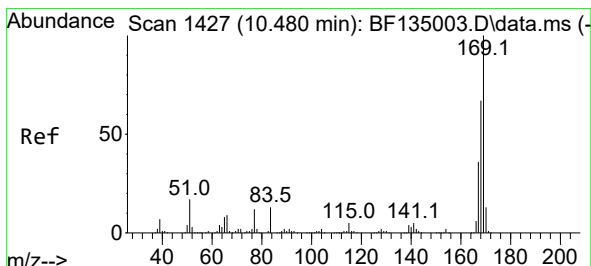
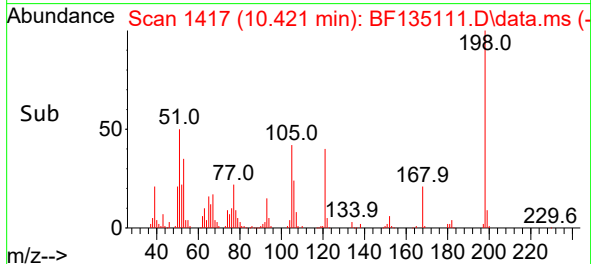
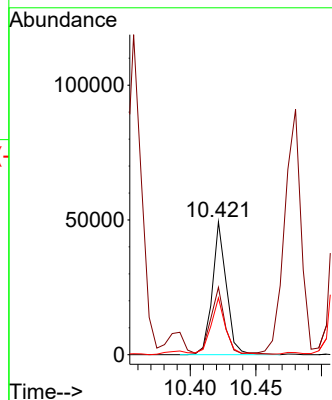
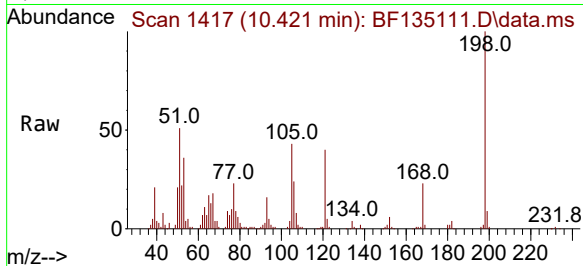
#65
4,6-Dinitro-2-methylphenol
Concen: 19.934 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

Tgt Ion:198 Resp: 36949
Ion Ratio Lower Upper
198 100
51 50.7 35.7 75.7
105 42.7 25.9 65.9

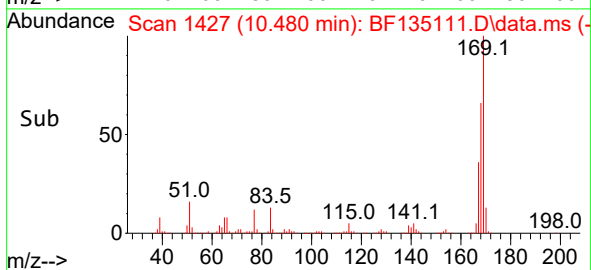
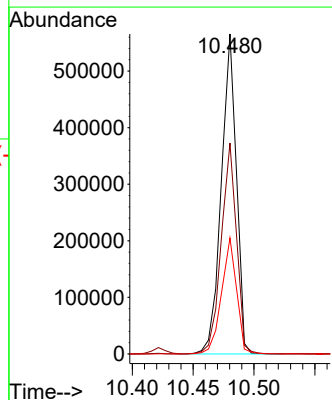
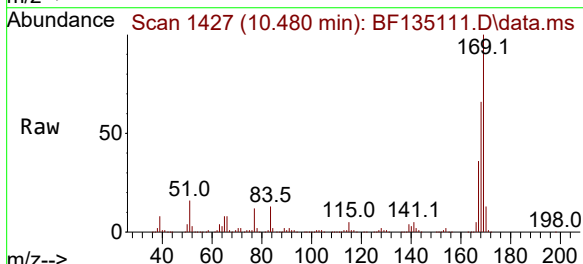
Manual Integrations
APPROVED

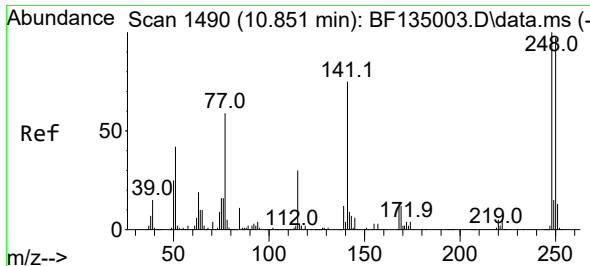
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#66
n-Nitrosodiphenylamine
Concen: 51.449 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

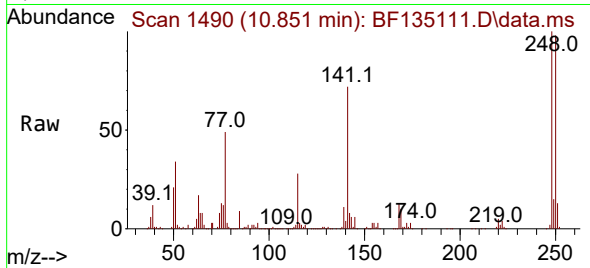
Tgt Ion:169 Resp: 489927
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 49.711 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

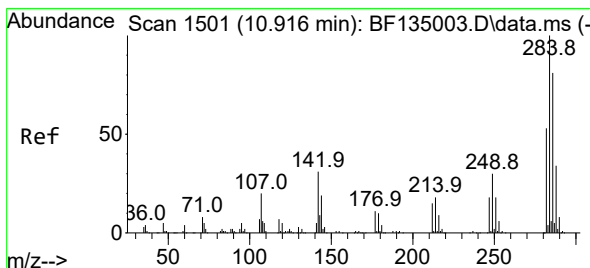
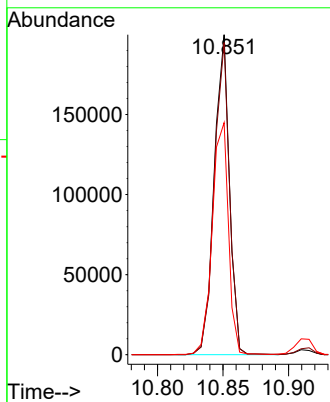
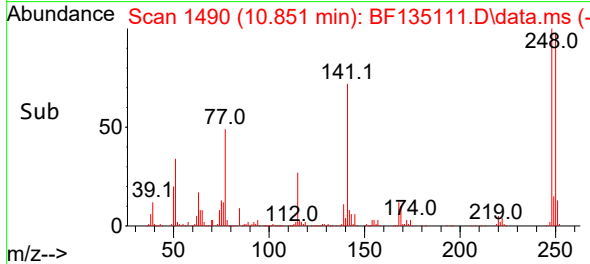
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



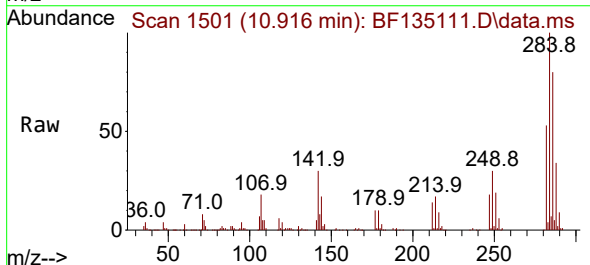
Tgt Ion:248 Resp: 161470
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 72.5 59.8 89.8

Manual Integrations
APPROVED

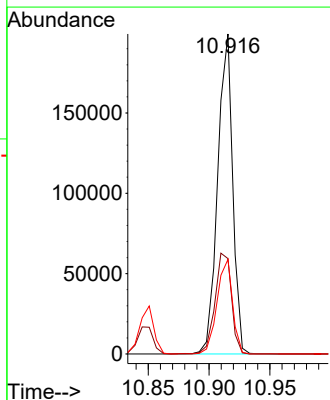
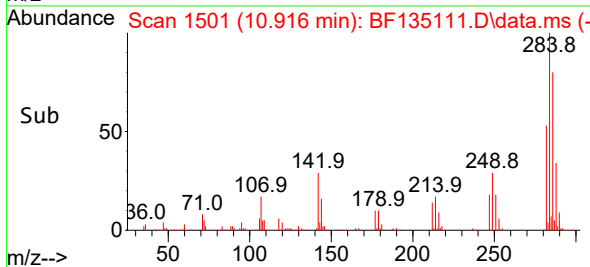
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

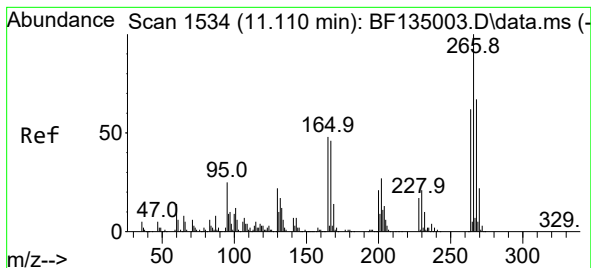


#68
Hexachlorobenzene
Concen: 51.041 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



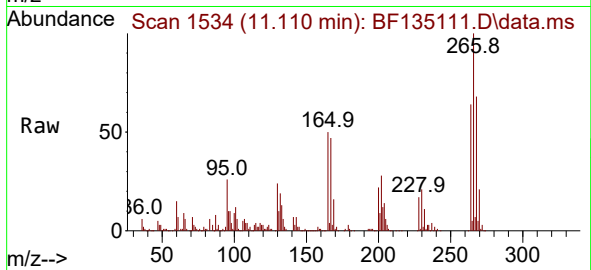
Tgt Ion:284 Resp: 171436
Ion Ratio Lower Upper
284 100
142 29.8 25.1 37.7
249 29.6 24.1 36.1





#70
Pentachlorophenol
Concen: 70.479 ng
RT: 11.110 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

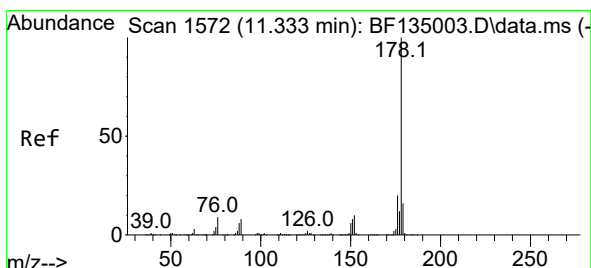
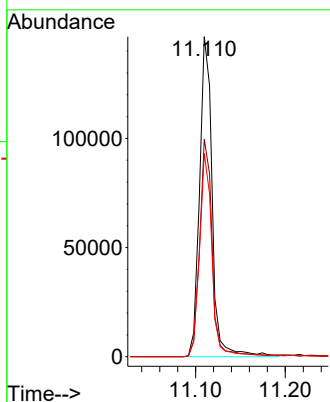
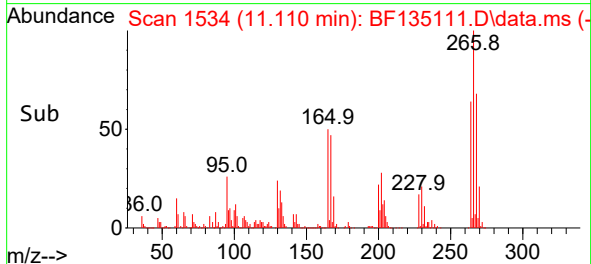
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:266 Resp: 143218
Ion Ratio Lower Upper
266 100
268 68.0 53.3 79.9
264 63.5 49.3 73.9

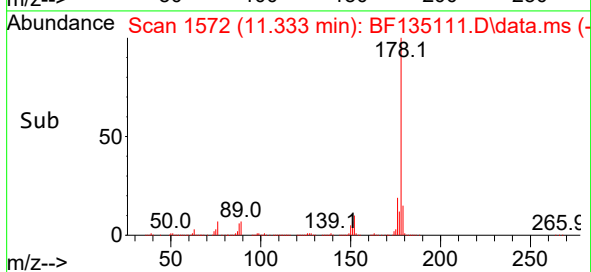
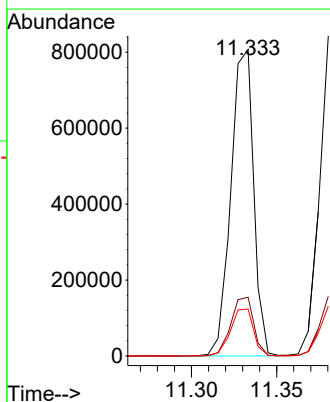
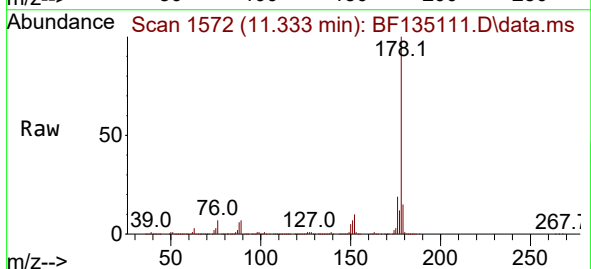
Manual Integrations
APPROVED

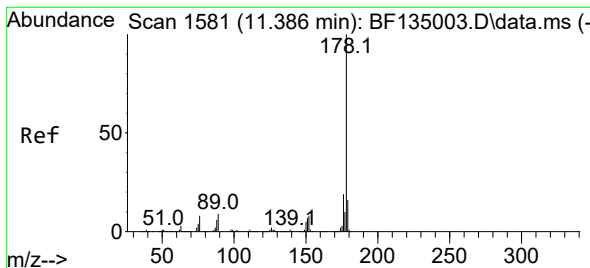
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#71
Phenanthrene
Concen: 47.482 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:178 Resp: 750211
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.3 12.5 18.7





#72

Anthracene

Concen: 46.802 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

Tgt Ion:178 Resp: 755520

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

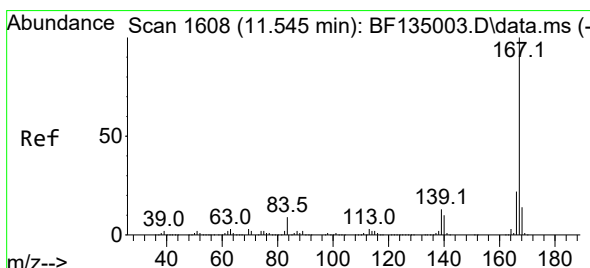
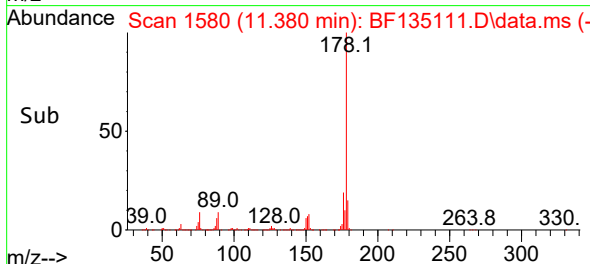
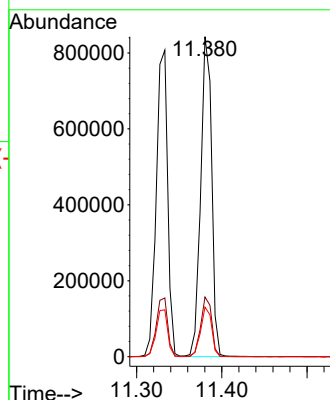
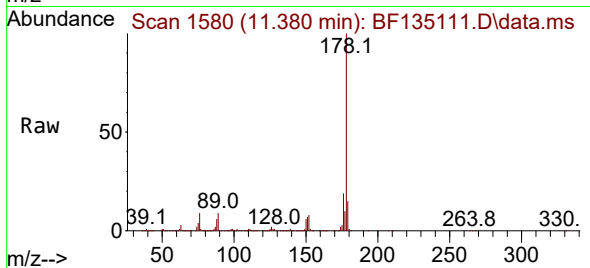
179 15.5 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#73

Carbazole

Concen: 46.555 ng

RT: 11.539 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

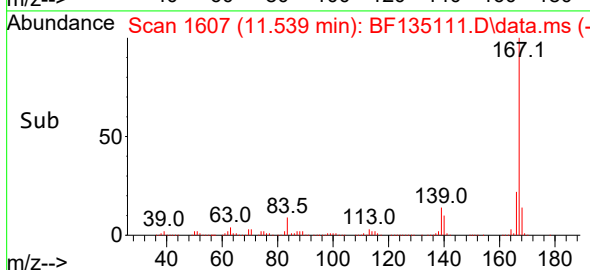
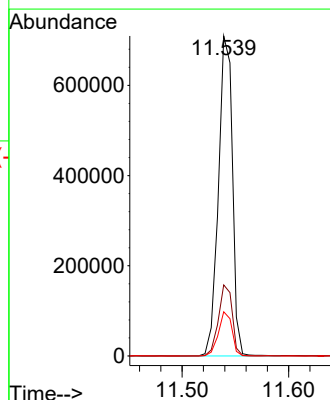
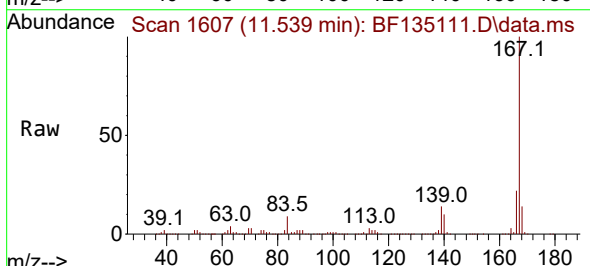
Tgt Ion:167 Resp: 648206

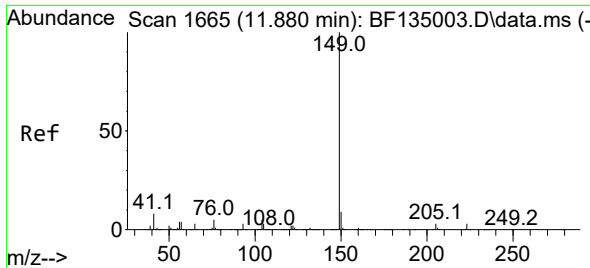
Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

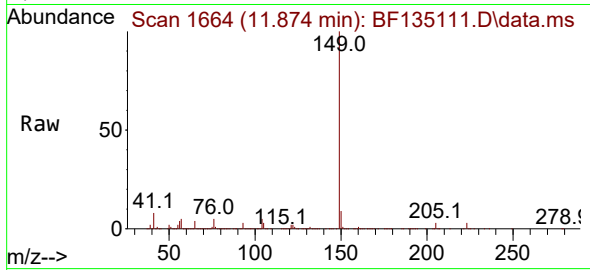
139 13.8 10.3 15.5





#74
Di-n-butylphthalate
Concen: 48.229 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

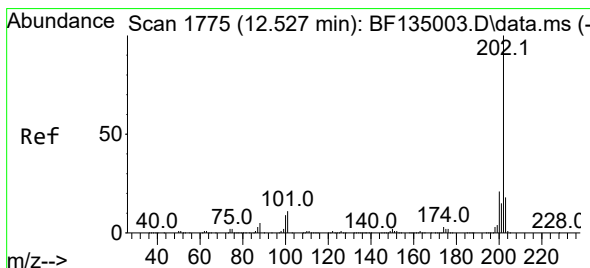
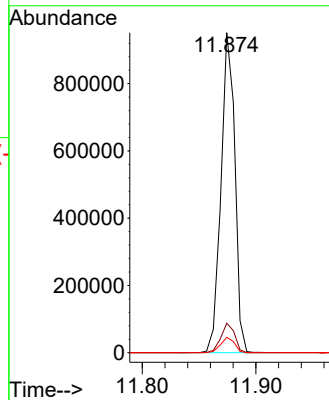
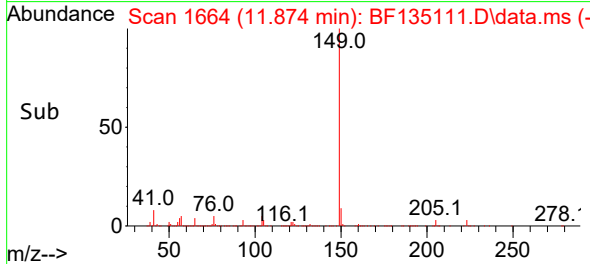
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



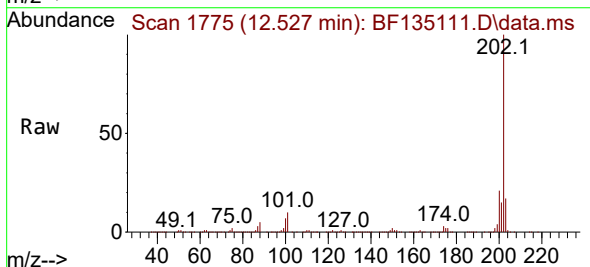
Tgt Ion:149 Resp: 809488
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.8 4.0 6.0

Manual Integrations
APPROVED

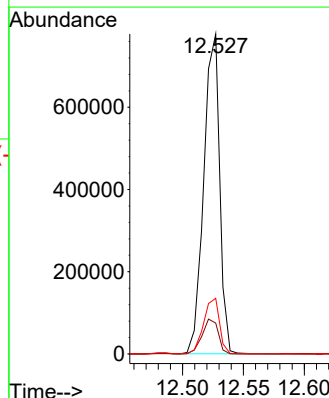
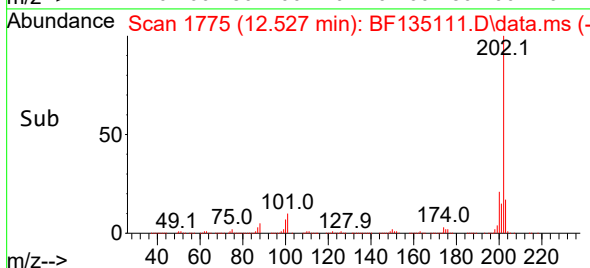
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

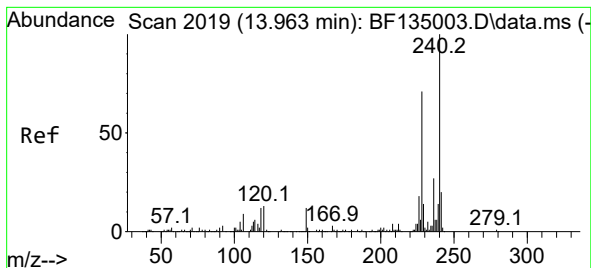


#75
Fluoranthene
Concen: 44.234 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



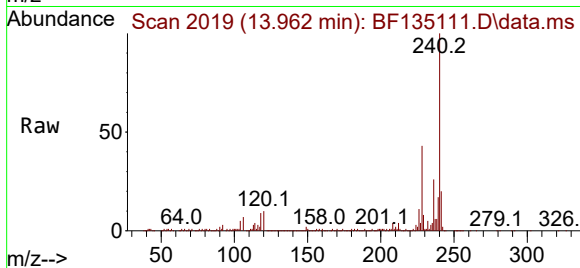
Tgt Ion:202 Resp: 706611
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.5
203 17.4 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

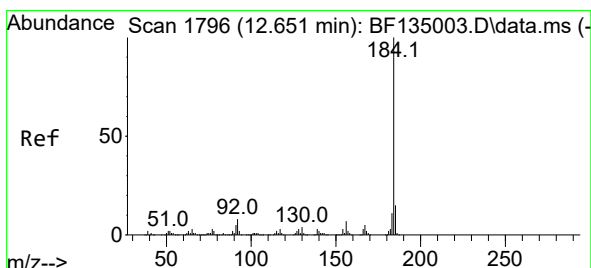
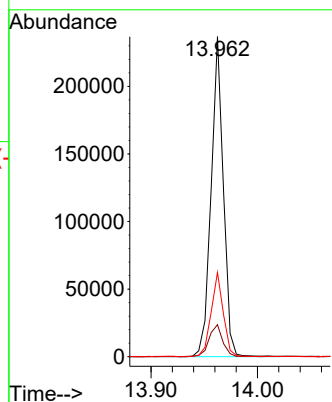
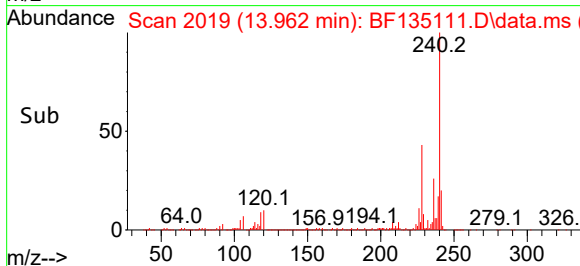
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



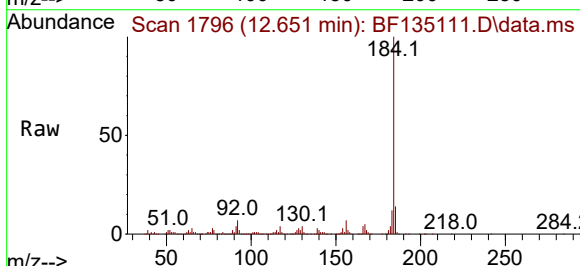
Tgt Ion:240 Resp: 189094
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.2
236 26.3 21.3 31.9

Manual Integrations
APPROVED

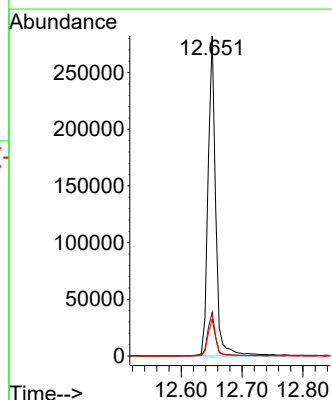
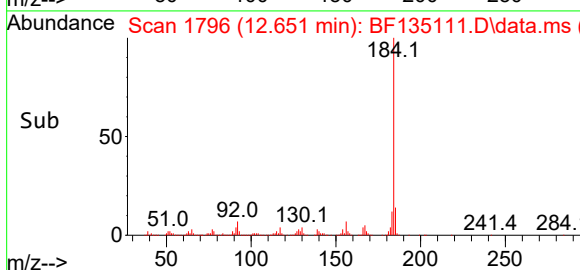
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

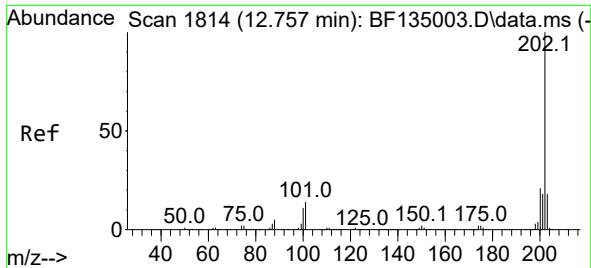


#77
Benzidine
Concen: 72.228 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



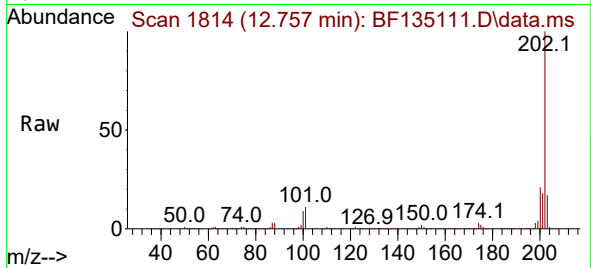
Tgt Ion:184 Resp: 246203
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 11.6 9.0 13.6





#78
Pyrene
Concen: 39.813 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

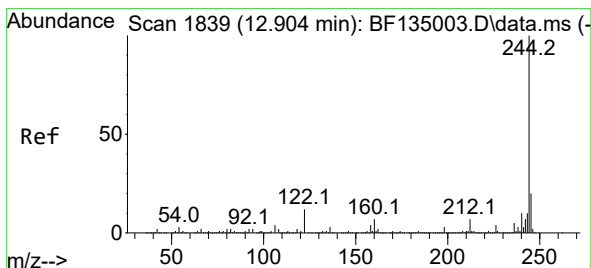
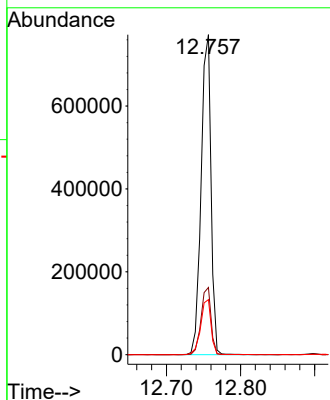
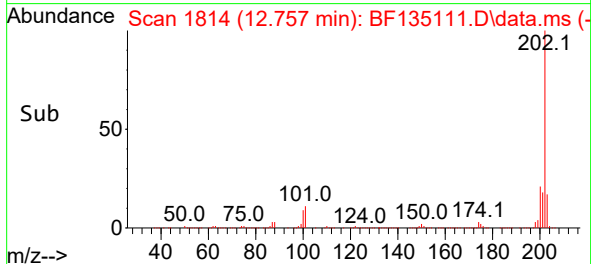
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



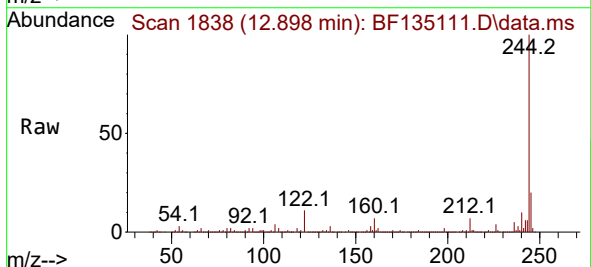
Tgt Ion:202 Resp: 71478
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.2 14.2 21.2

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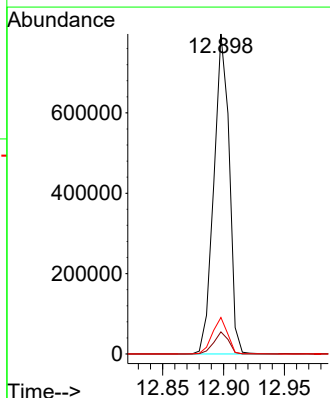
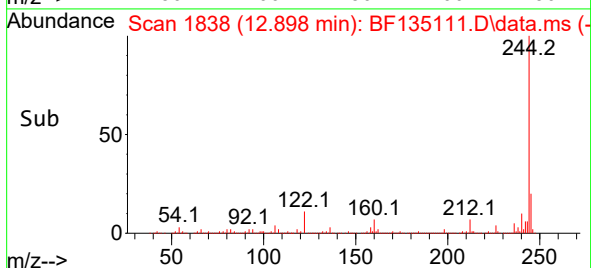
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

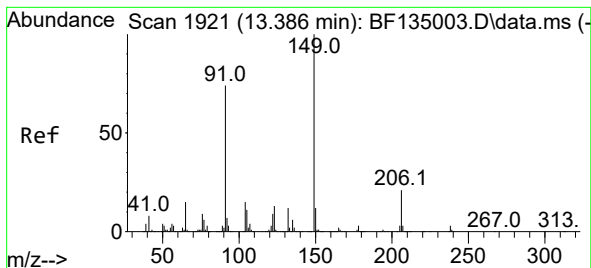


#79
Terphenyl-d14
Concen: 60.781 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37



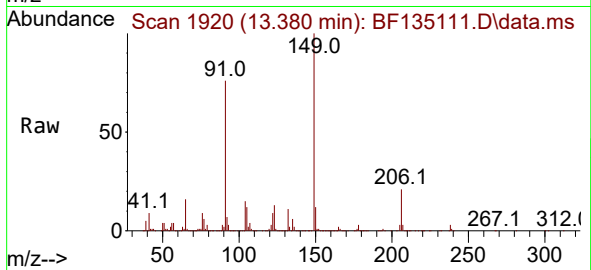
Tgt Ion:244 Resp: 704296
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.4 9.8 14.6





#80
Butylbenzylphthalate
Concen: 45.229 ng
RT: 13.380 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

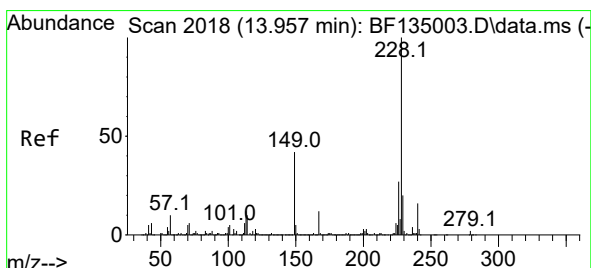
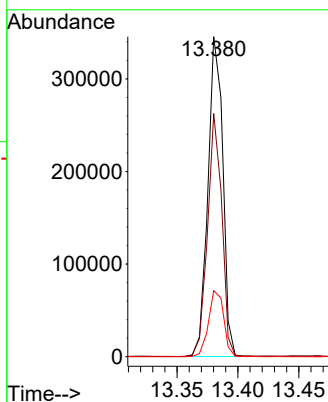
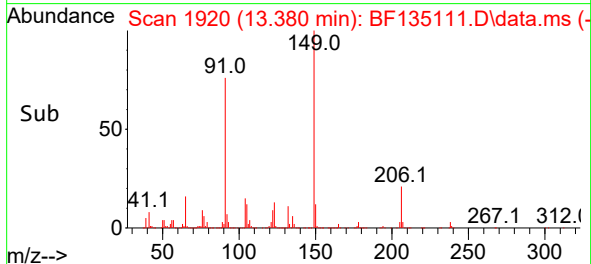
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:149 Resp: 293350
Ion Ratio Lower Upper
149 100
91 76.0 59.0 88.6
206 20.7 16.7 25.1

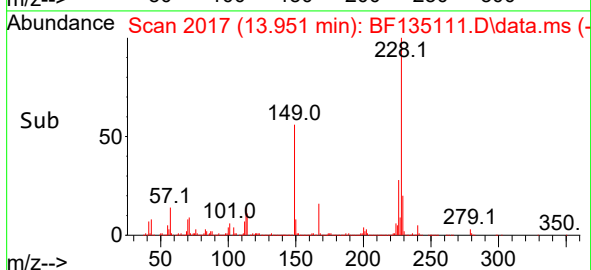
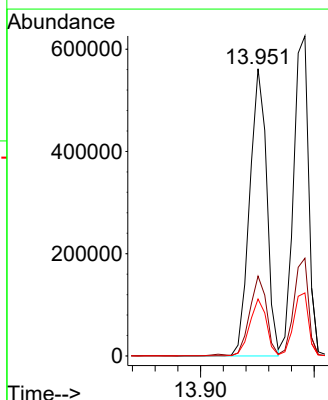
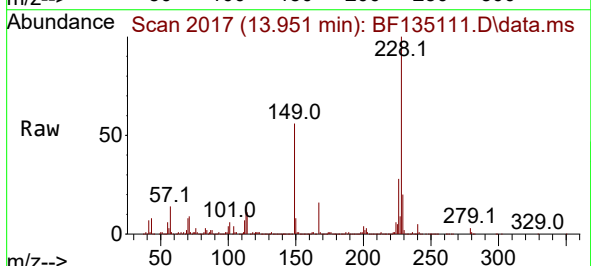
Manual Integrations
APPROVED

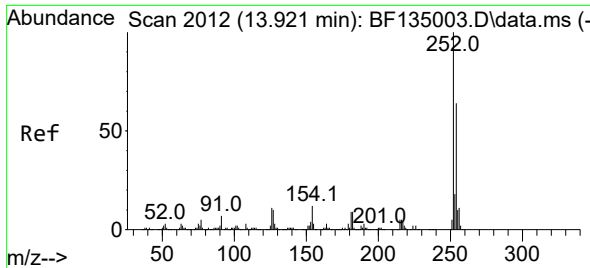
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#81
Benzo(a)anthracene
Concen: 45.480 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

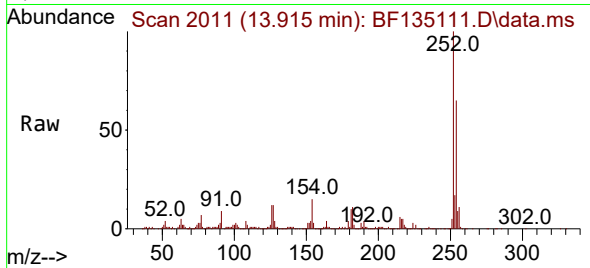
Tgt Ion:228 Resp: 586636
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 19.9 15.6 23.4





#82
3,3'-Dichlorobenzidine
Concen: 44.602 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

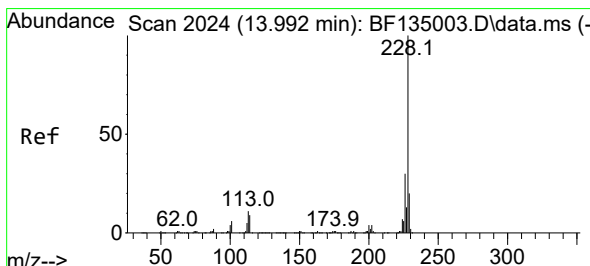
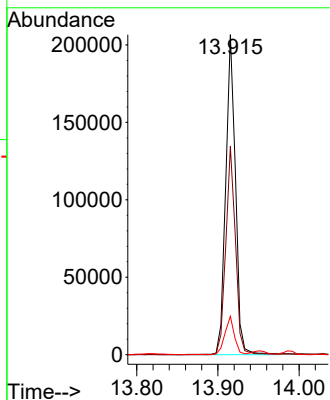
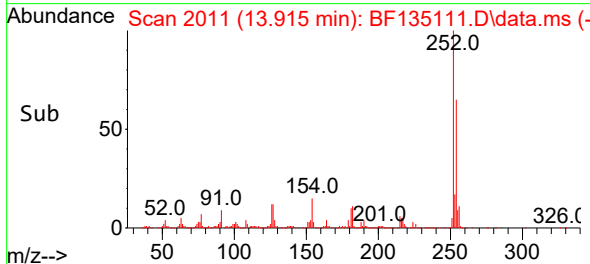
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:252 Resp: 173602
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 12.0 8.6 12.8

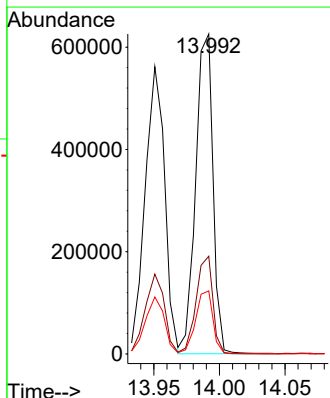
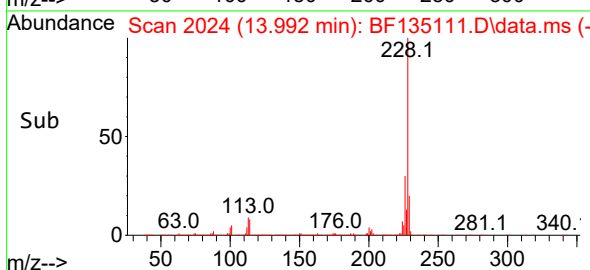
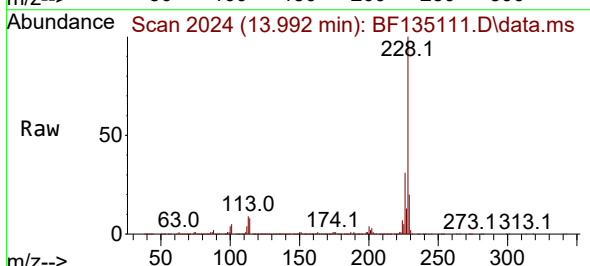
Manual Integrations
APPROVED

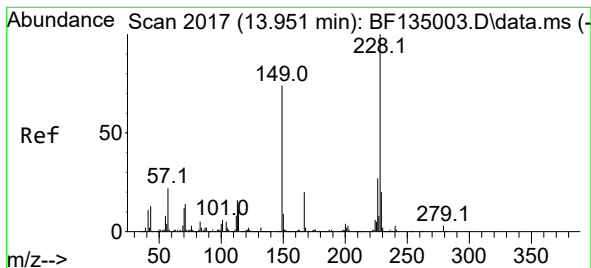
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#83
Chrysene
Concen: 45.463 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:228 Resp: 576311
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 19.7 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 54.306 ng

RT: 13.945 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

Tgt Ion:149 Resp: 36451

Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

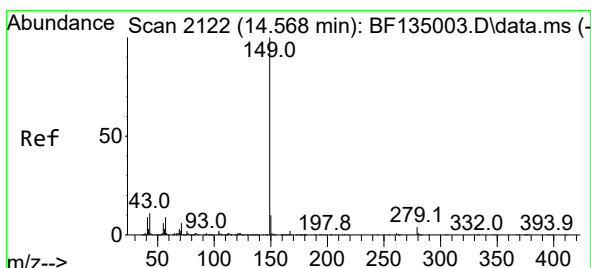
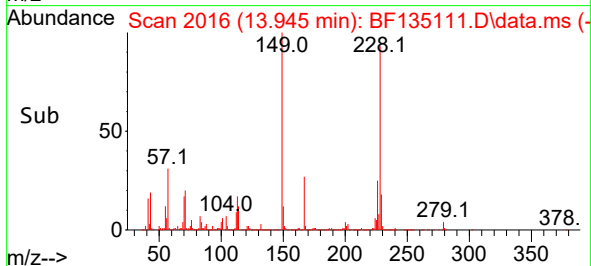
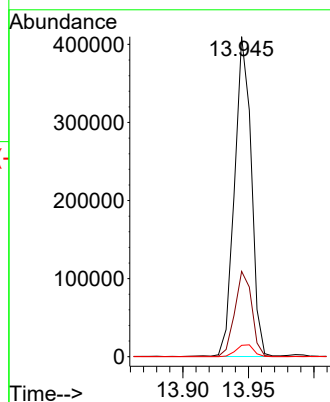
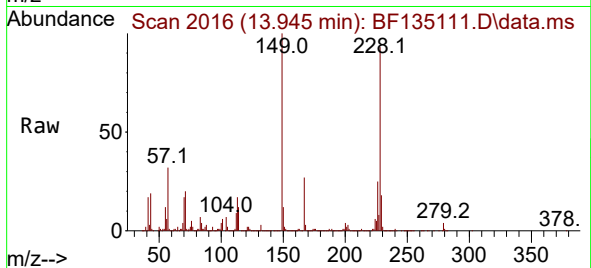
279 3.6 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#85

Di-n-octyl phthalate

Concen: 62.457 ng

RT: 14.562 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

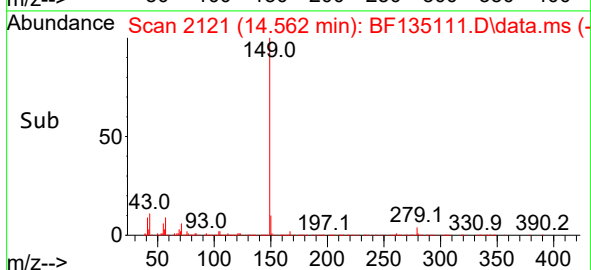
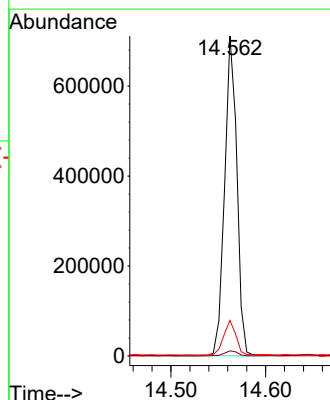
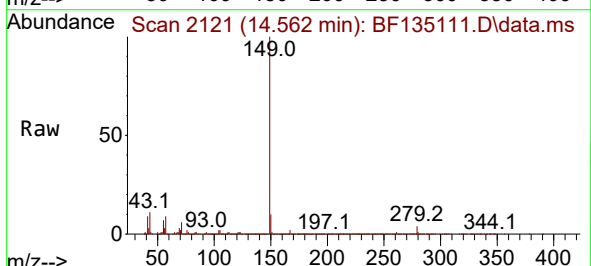
Tgt Ion:149 Resp: 639891

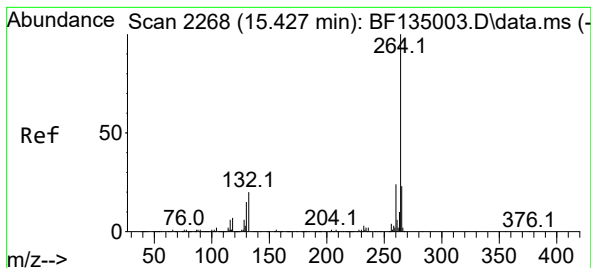
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

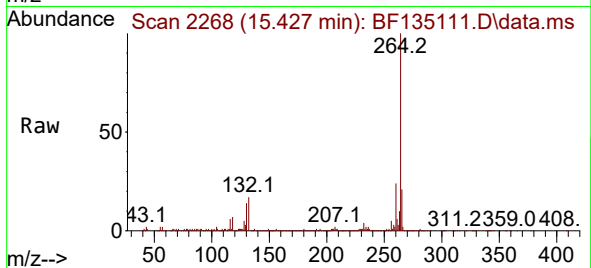
43 10.9 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

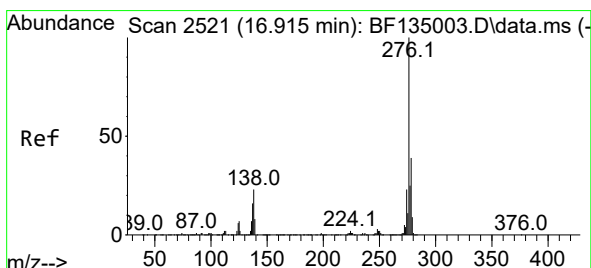
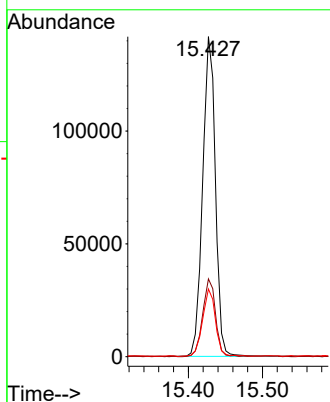
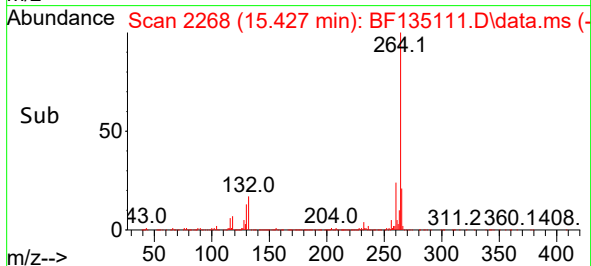
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:264 Resp: 16894
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.2 18.2 27.2

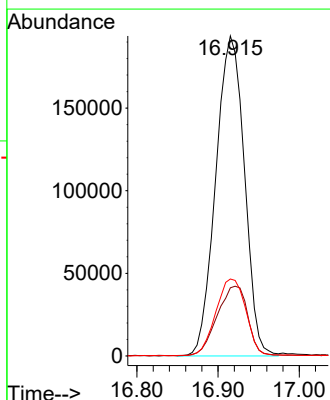
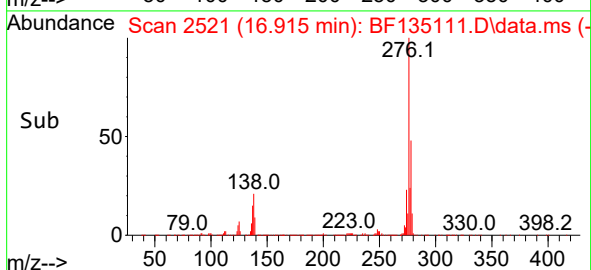
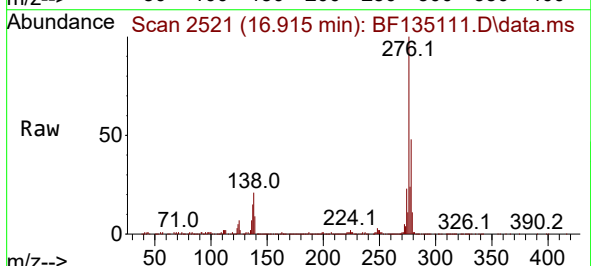
Manual Integrations
APPROVED

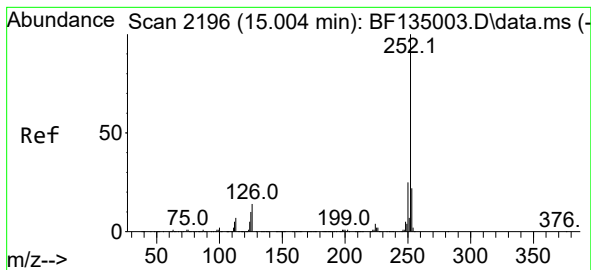
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 41.733 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:276 Resp: 474911
Ion Ratio Lower Upper
276 100
138 23.2 20.2 30.2
277 25.1 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 50.260 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

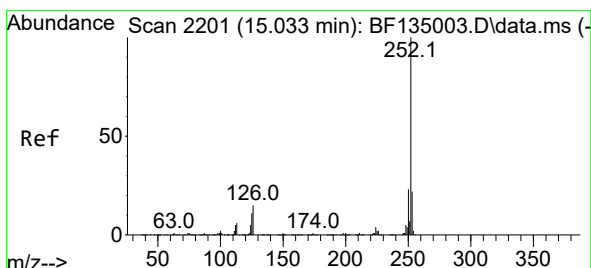
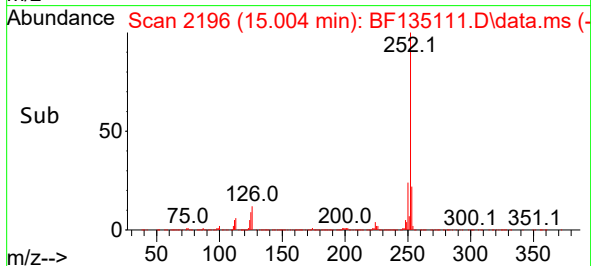
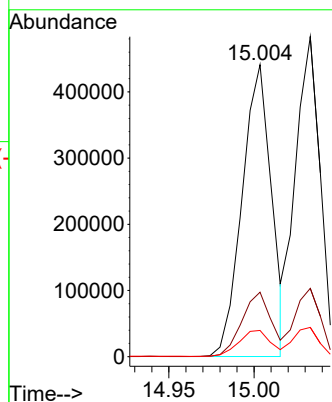
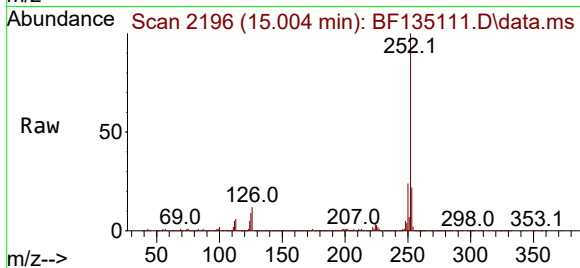
Tgt Ion:252 Resp: 528340
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 9.0 8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#89

Benzo(k)fluoranthene

Concen: 47.951 ng

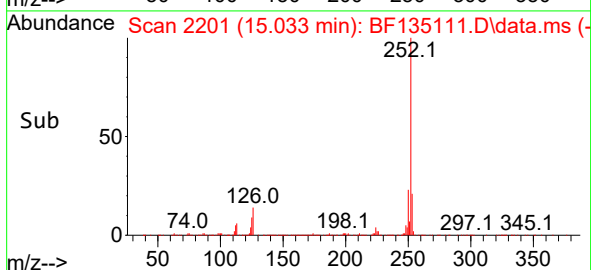
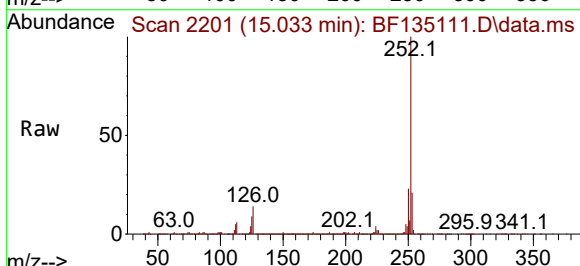
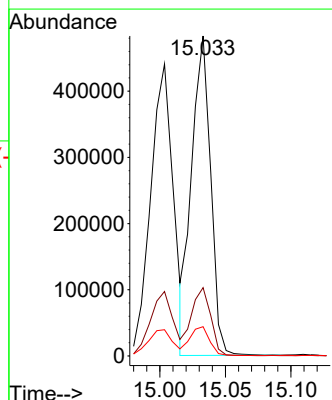
RT: 15.033 min Scan# 2201

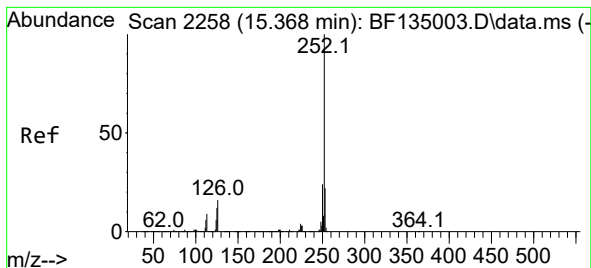
Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Tgt Ion:252 Resp: 486974
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.0
 125 9.2 8.5 12.7





#90

Benzo(a)pyrene

Concen: 44.537 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

Tgt Ion:252 Resp: 434918

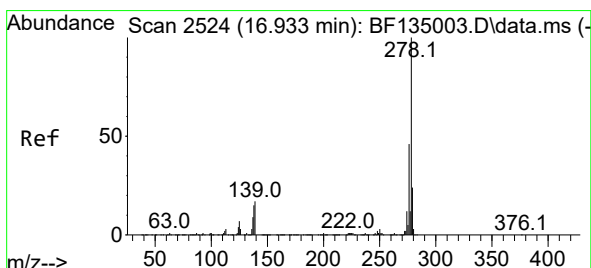
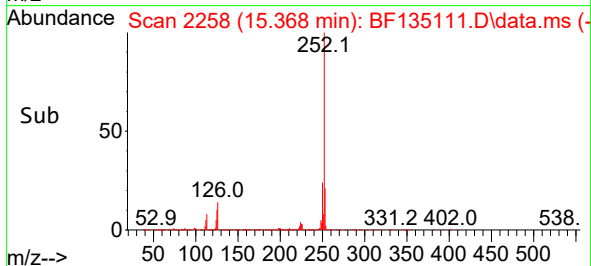
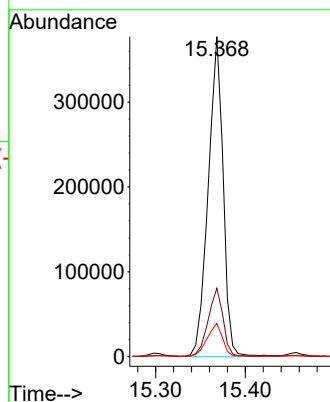
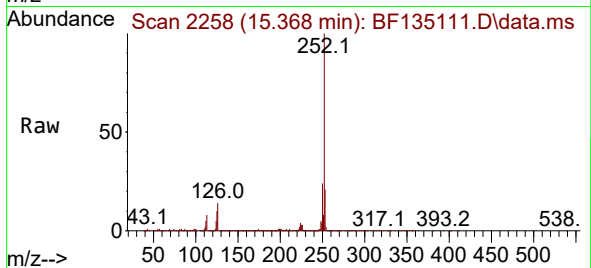
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	10.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#91

Dibenzo(a,h)anthracene

Concen: 42.968 ng

RT: 16.933 min Scan# 2524

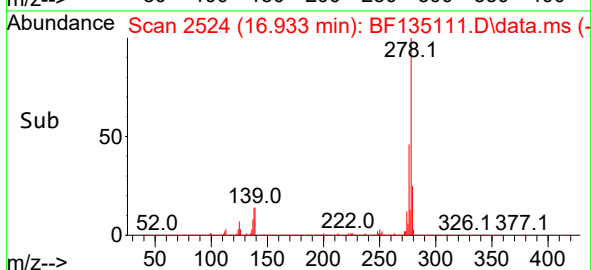
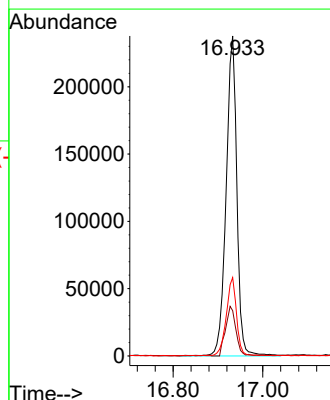
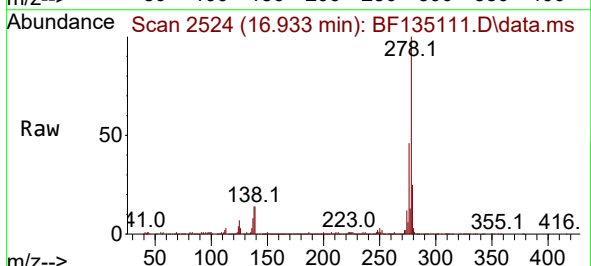
Delta R.T. -0.000 min

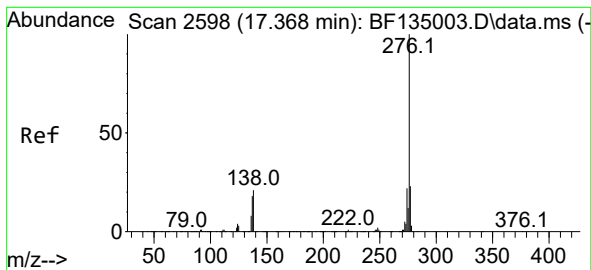
Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Tgt Ion:278 Resp: 396018

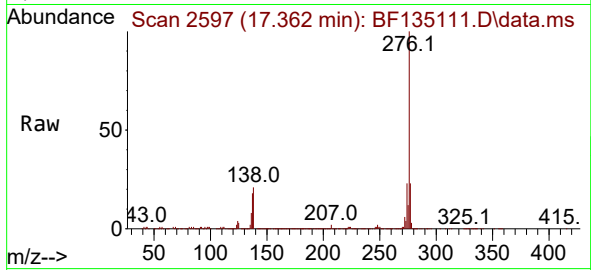
Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.4	20.2
279	24.5	19.5	29.3





#92
Benzo(g,h,i)perylene
Concen: 39.090 ng
RT: 17.362 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD



Tgt Ion:276 Resp: 374714
Ion Ratio Lower Upper
276 100
277 23.2 18.5 27.7
138 20.6 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

