

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135752.D
 Acq On : 13 Oct 2023 14:24
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 13 17:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 16:43:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	120607	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	473859	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	239919	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	449337	20.000	ng	0.00
76) Chrysene-d12	13.945	240	301874	20.000	ng	0.00
86) Perylene-d12	15.415	264	276536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	734137	97.864	ng	0.00
7) Phenol-d6	6.398	99	883734	94.417	ng	0.00
23) Nitrobenzene-d5	7.316	82	797848	92.604	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	207439	90.104	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1376067	89.676	ng	0.00
79) Terphenyl-d14	12.874	244	1467025	89.998	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.434	88	176370	48.743	ng	99
3) Pyridine	3.181	79	460208	51.620	ng	95
4) n-Nitrosodimethylamine	3.169	42	249264	52.209	ng	96
6) Aniline	6.416	93	554251	47.054	ng	# 72
8) 2-Chlorophenol	6.534	128	389107	48.100	ng	99
9) Benzaldehyde	6.304	77	236879	44.465	ng	99
10) Phenol	6.416	94	466472	47.563	ng	99
11) bis(2-Chloroethyl)ether	6.486	93	387839	49.079	ng	98
12) 1,3-Dichlorobenzene	6.681	146	391359	47.720	ng	99
13) 1,4-Dichlorobenzene	6.757	146	393637	47.381	ng	98
14) 1,2-Dichlorobenzene	6.910	146	353112	47.205	ng	99
15) Benzyl Alcohol	6.898	79	292239	46.957	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	653510	45.725	ng	98
17) 2-Methylphenol	7.016	107	321900	45.966	ng	95
18) Hexachloroethane	7.245	117	139365	46.266	ng	95
19) n-Nitroso-di-n-propyla...	7.169	70	248922	43.011	ng	97
20) 3+4-Methylphenols	7.169	107	383268	43.901	ng	# 90
22) Acetophenone	7.163	105	484473	44.580	ng	93
24) Nitrobenzene	7.333	77	403861	46.705	ng	99
25) Isophorone	7.569	82	737221	45.356	ng	100
26) 2-Nitrophenol	7.645	139	202405	47.965	ng	97
27) 2,4-Dimethylphenol	7.692	122	323863	46.620	ng	99
28) bis(2-Chloroethoxy)met...	7.780	93	443720	45.839	ng	99
29) 2,4-Dichlorophenol	7.892	162	306185	47.032	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	311176	46.734	ng	98
31) Naphthalene	8.045	128	1069324	46.265	ng	99
32) Benzoic acid	7.857	122	243699m	51.957	ng	
33) 4-Chloroaniline	8.104	127	479238	47.466	ng	99
34) Hexachlorobutadiene	8.157	225	186757	47.386	ng	98
35) Caprolactam	8.498	113	109662	49.220	ng	91
36) 4-Chloro-3-methylphenol	8.598	107	352184	48.782	ng	98
37) 2-Methylnaphthalene	8.739	142	709728	46.607	ng	100
38) 1-Methylnaphthalene	8.833	142	654192	46.578	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	330891	47.945	ng	100
41) Hexachlorocyclopentadiene	8.880	237	45164	49.207	ng	92
43) 2,4,6-Trichlorophenol	9.027	196	215819	48.528	ng	97

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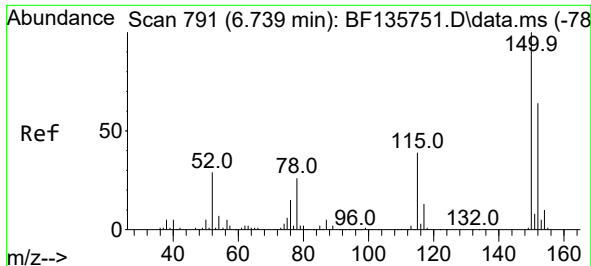
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	250491	48.426	ng	99
46) 1,1'-Biphenyl	9.204	154	855730	46.562	ng	99
47) 2-Chloronaphthalene	9.233	162	618462	46.694	ng	98
48) 2-Nitroaniline	9.339	65	255724	48.913	ng	96
49) Acenaphthylene	9.645	152	992310	45.272	ng	98
50) Dimethylphthalate	9.510	163	743316	45.895	ng	99
51) 2,6-Dinitrotoluene	9.586	165	165575	47.540	ng	87
52) Acenaphthene	9.816	154	613395	46.689	ng	99
53) 3-Nitroaniline	9.757	138	203859	47.747	ng	99
54) 2,4-Dinitrophenol	9.880	184	80989	55.706	ng	96
55) Dibenzofuran	9.992	168	896028	45.201	ng	98
56) 4-Nitrophenol	9.945	139	90156	48.415	ng	97
57) 2,4-Dinitrotoluene	9.998	165	201602	45.498	ng	92
58) Fluorene	10.333	166	695283	44.802	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	190448	48.719	ng	97
60) Diethylphthalate	10.216	149	767402	46.412	ng	98
61) 4-Chlorophenyl-phenyle...	10.327	204	334704	44.624	ng	94
62) 4-Nitroaniline	10.380	138	184195	46.889	ng	98
63) Azobenzene	10.486	77	729665	45.422	ng	100
65) 4,6-Dinitro-2-methylph...	10.416	198	118352	52.337	ng	88
66) n-Nitrosodiphenylamine	10.451	169	621192	45.357	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	207038	45.901	ng	98
68) Hexachlorobenzene	10.886	284	212511	46.276	ng	100
69) Atrazine	10.986	200	166419	44.673	ng	98
70) Pentachlorophenol	11.092	266	92276	51.673	ng	97
71) Phenanthrene	11.304	178	967908	44.966	ng	99
72) Anthracene	11.357	178	1011915	45.367	ng	100
73) Carbazole	11.516	167	950263	45.680	ng	100
74) Di-n-butylphthalate	11.839	149	1160537	45.438	ng	99
75) Fluoranthene	12.498	202	1091995	45.709	ng	99
77) Benzidine	12.627	184	240021	36.438	ng	100
78) Pyrene	12.733	202	1118511	46.627	ng	99
80) Butylbenzylphthalate	13.351	149	512341	48.603	ng	100
81) Benzo(a)anthracene	13.933	228	940756	47.445	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	300466	45.691	ng	98
83) Chrysene	13.968	228	901934	46.963	ng	98
84) Bis(2-ethylhexyl)phtha...	13.910	149	677243	47.403	ng	99
85) Di-n-octyl phthalate	14.527	149	1038964	45.860	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	781592	51.872	ng	99
88) Benzo(b)fluoranthene	14.986	252	776560	50.176	ng	99
89) Benzo(k)fluoranthene	15.015	252	679177	45.201	ng	99
90) Benzo(a)pyrene	15.356	252	684800	47.054	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	636153	51.501	ng	100
92) Benzo(g,h,i)perylene	17.374	276	687680	54.198	ng	99

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



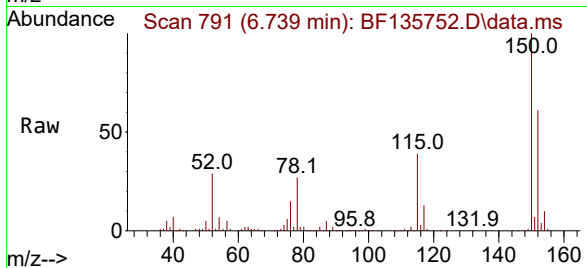
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

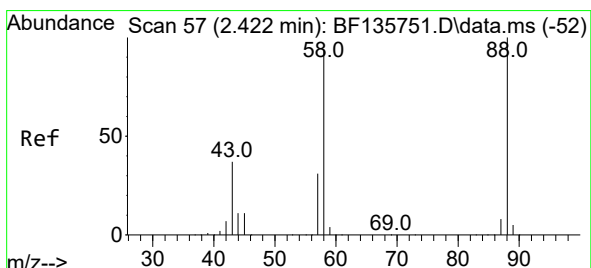
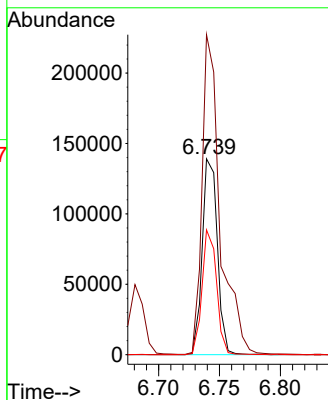
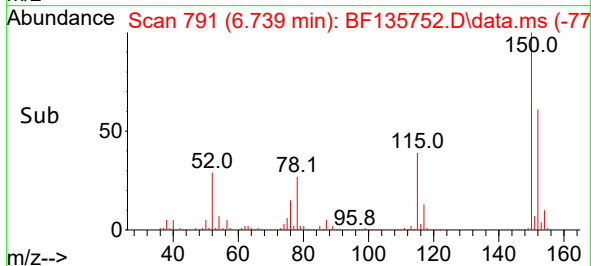


Tgt Ion:152 Resp: 120607
Ion Ratio Lower Upper
152 100
150 163.4 124.5 186.7
115 63.7 49.0 73.4

Manual Integrations

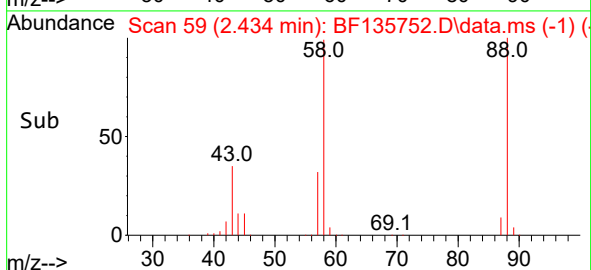
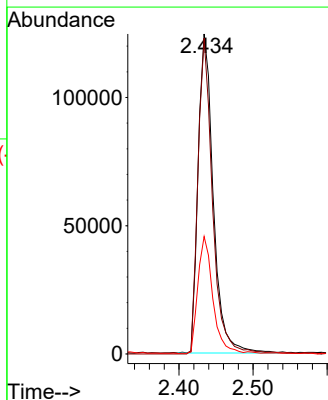
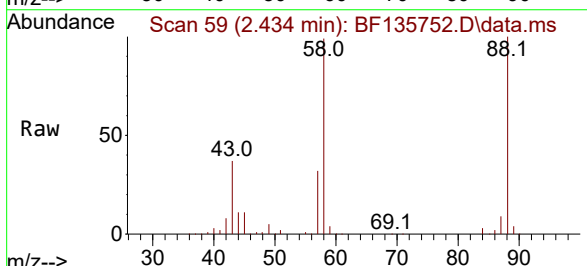
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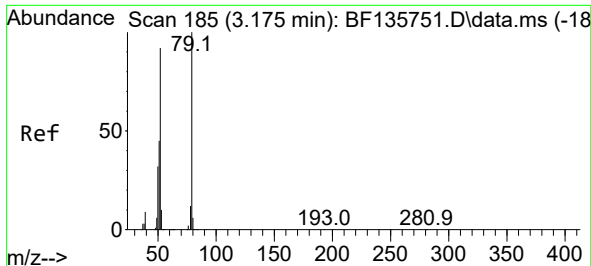
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#2
1,4-Dioxane
Concen: 48.743 ng
RT: 2.434 min Scan# 59
Delta R.T. 0.012 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

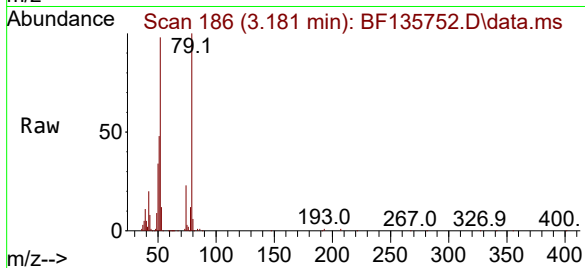
Tgt Ion: 88 Resp: 176370
Ion Ratio Lower Upper
88 100
58 95.7 76.1 114.1
43 36.3 29.8 44.8





#3
Pyridine
Concen: 51.620 ng
RT: 3.181 min Scan# 185
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

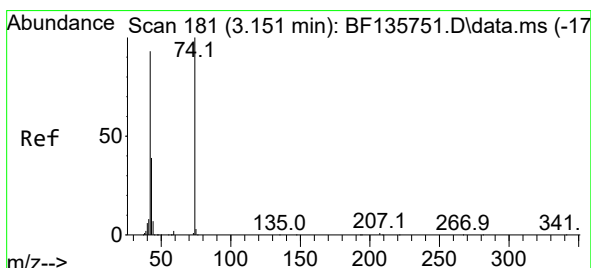
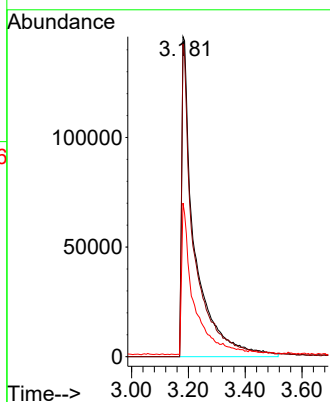
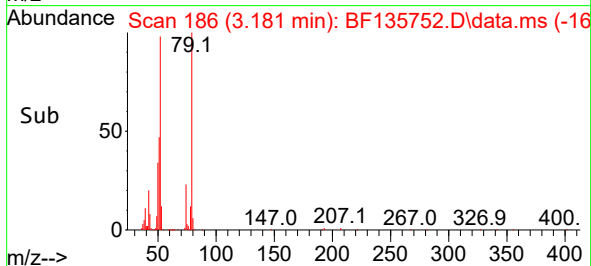
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



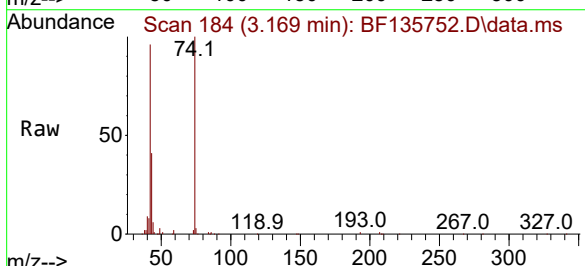
Tgt Ion: 79 Resp: 460208
Ion Ratio Lower Upper
79 100
52 97.8 73.4 110.2
51 48.0 36.5 54.7

Manual Integrations
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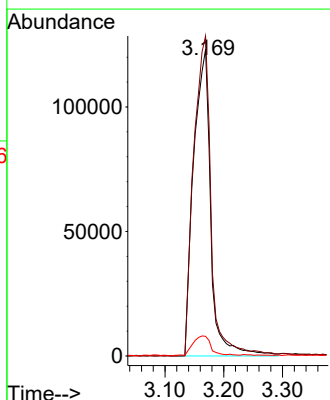
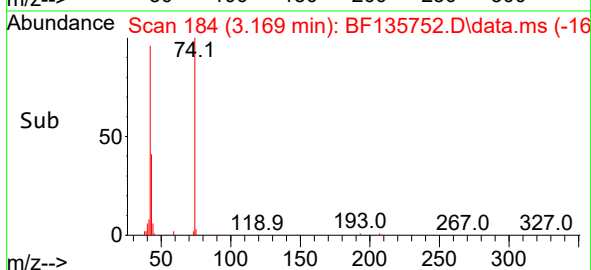
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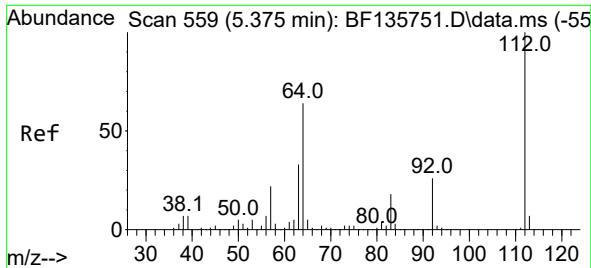


#4
n-Nitrosodimethylamine
Concen: 52.209 ng
RT: 3.169 min Scan# 184
Delta R.T. 0.018 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



Tgt Ion: 42 Resp: 249264
Ion Ratio Lower Upper
42 100
74 104.4 86.5 129.7
44 6.4 5.9 8.9





#5
2-Fluorophenol
Concen: 97.864 ng
RT: 5.375 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

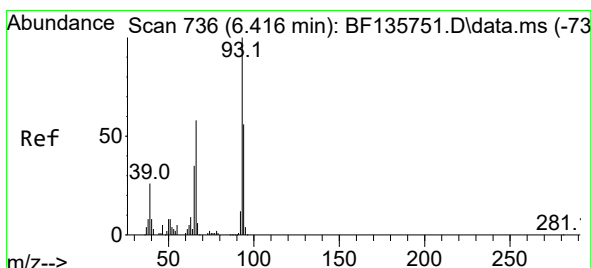
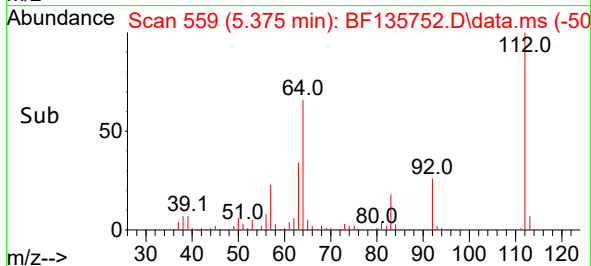
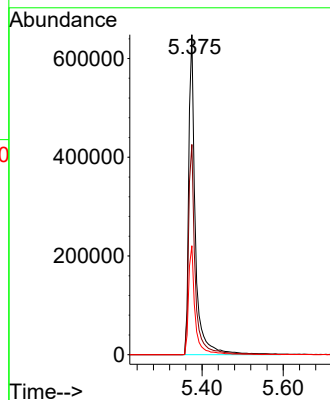
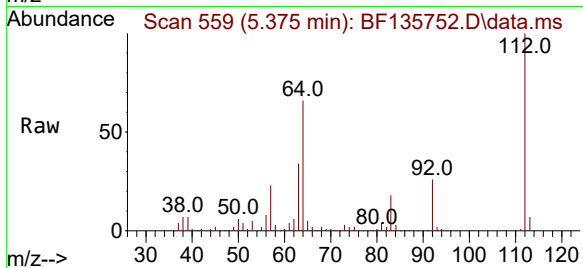
SSTDICC050

Tgt Ion:112 Resp: 73413
Ion Ratio Lower Upper
112 100
64 65.7 51.2 76.8
63 34.0 26.1 39.1

Manual Integrations

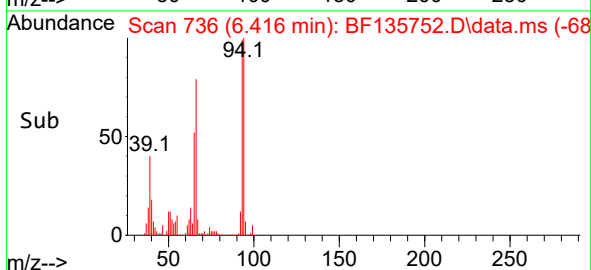
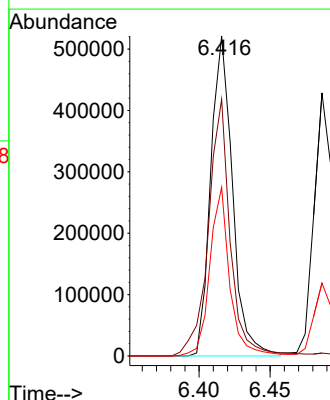
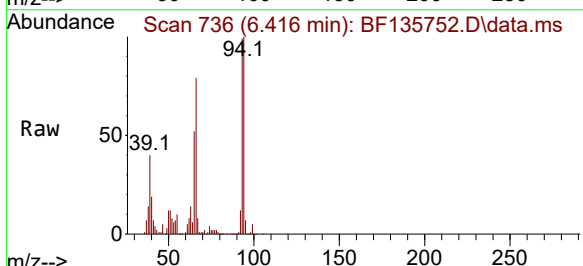
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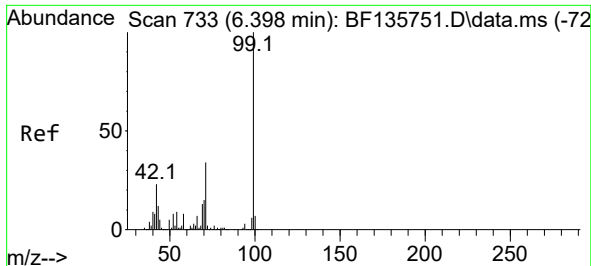
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#6
Aniline
Concen: 47.054 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

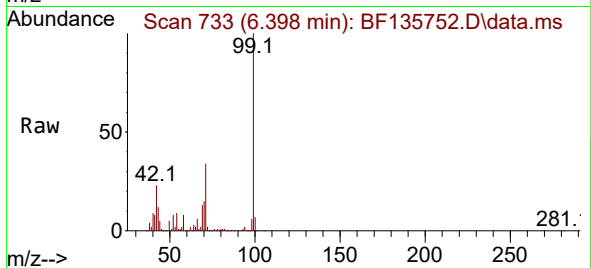
Tgt Ion: 93 Resp: 554251
Ion Ratio Lower Upper
93 100
66 80.2 47.6 71.4#
65 52.7 28.5 42.7#





#7
Phenol-d6
Concen: 94.417 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

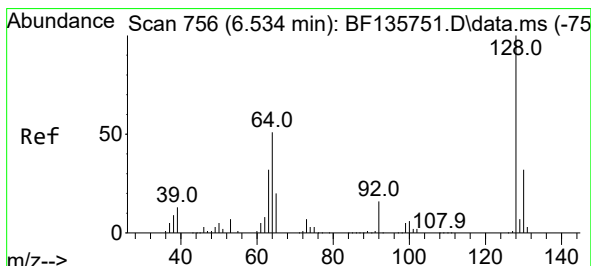
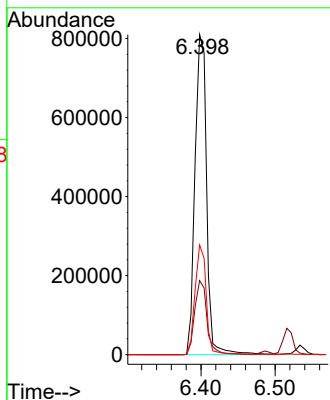
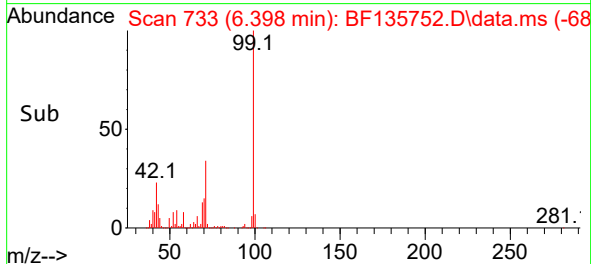
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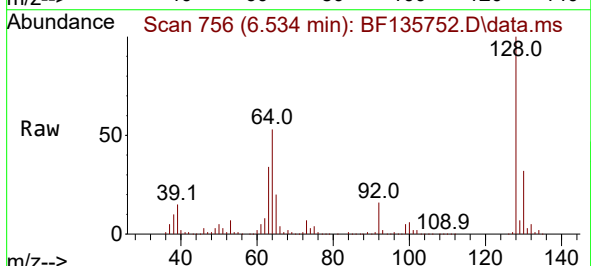
Tgt Ion: 99 Resp: 883734
Ion Ratio Lower Upper
99 100
42 23.1 18.4 27.6
71 34.3 27.2 40.8

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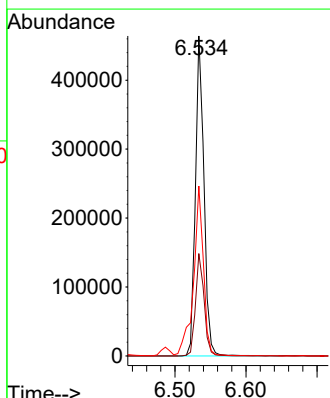
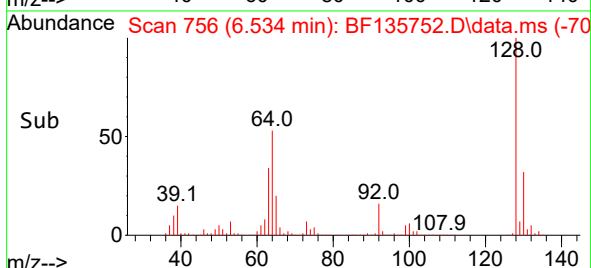
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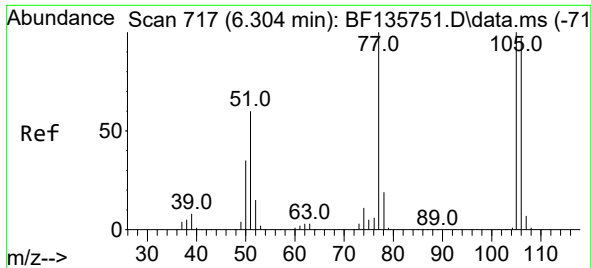


#8
2-Chlorophenol
Concen: 48.100 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF135752.D
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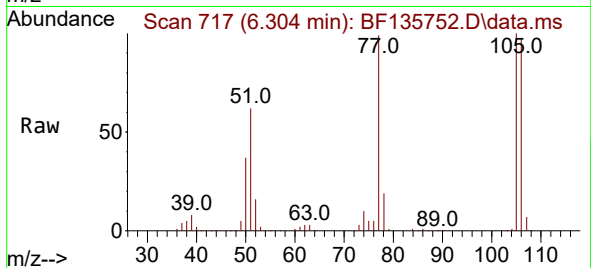
Tgt Ion:128 Resp: 389107
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 53.1 32.3 72.3





#9
Benzaldehyde
Concen: 44.465 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

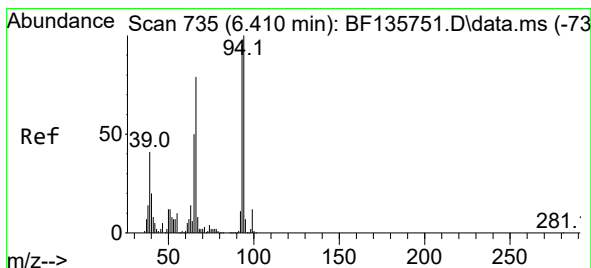
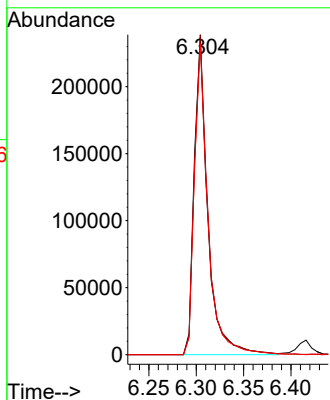
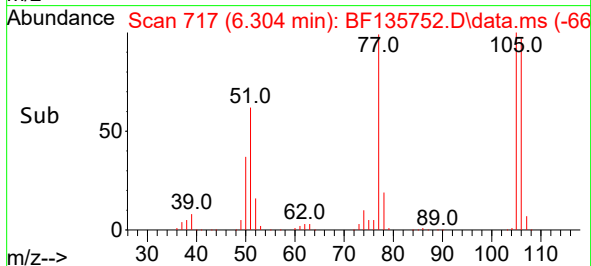
Instrument :
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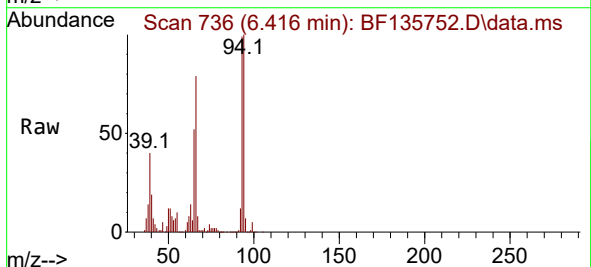
Tgt Ion: 77 Resp: 236879
Ion Ratio Lower Upper
77 100
105 100.9 79.9 119.9
106 98.1 77.1 117.1

Manual Integrations
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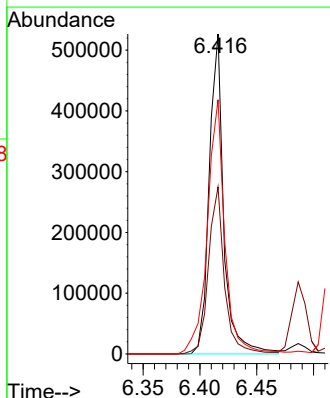
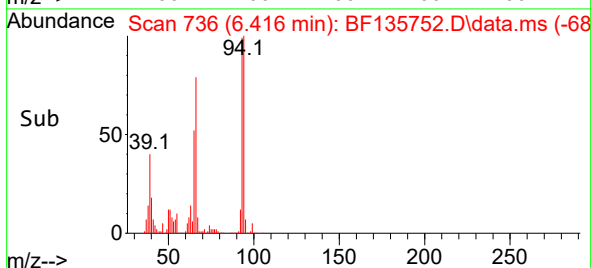
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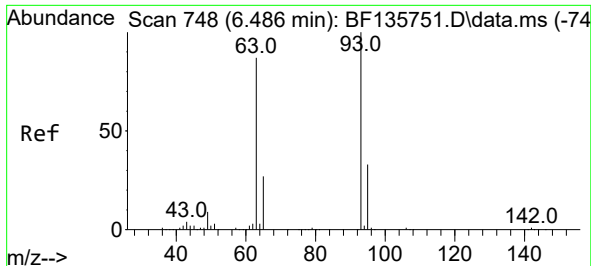


#10
Phenol
Concen: 47.563 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



Tgt Ion: 94 Resp: 466472
Ion Ratio Lower Upper
94 100
65 52.2 30.3 70.3
66 79.4 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 49.079 ng

RT: 6.486 min Scan# 748

Delta R.T. 0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 387839

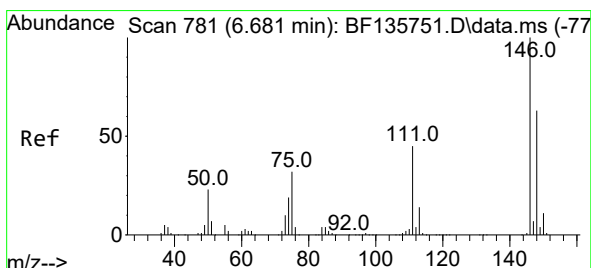
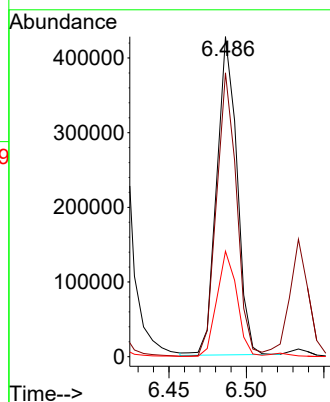
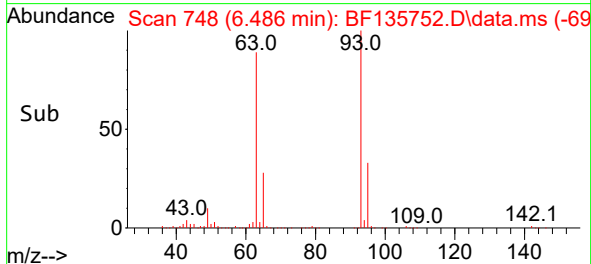
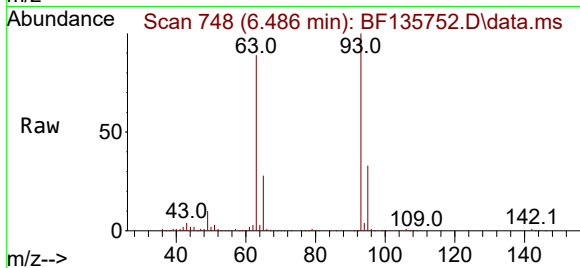
Ion	Ratio	Lower	Upper
93	100		
63	88.7	66.3	106.3
95	32.9	12.8	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#12

1,3-Dichlorobenzene

Concen: 47.720 ng

RT: 6.681 min Scan# 781

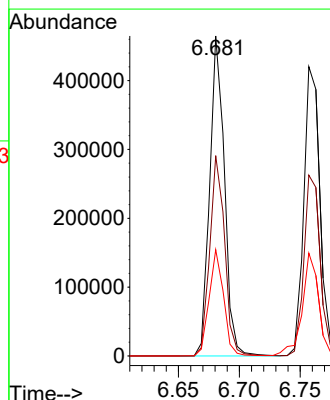
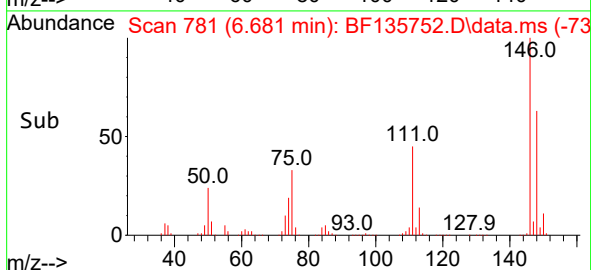
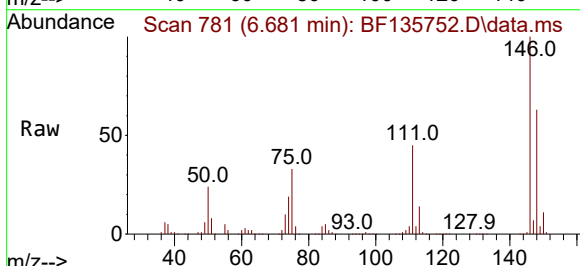
Delta R.T. -0.000 min

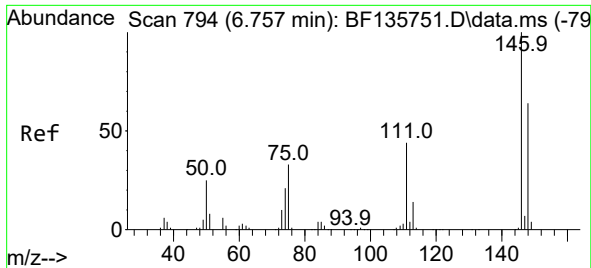
Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Tgt Ion:146 Resp: 391359

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.2	75.4
75	33.2	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 47.381 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 39363

Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.6

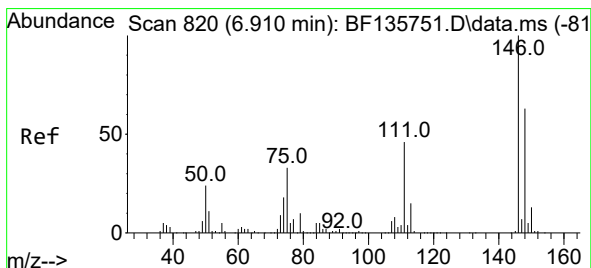
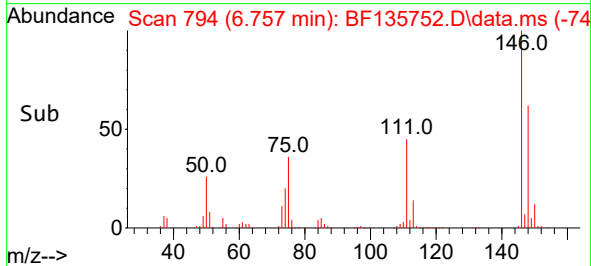
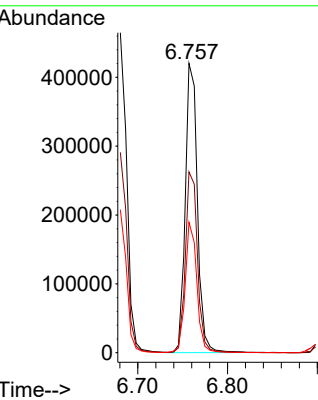
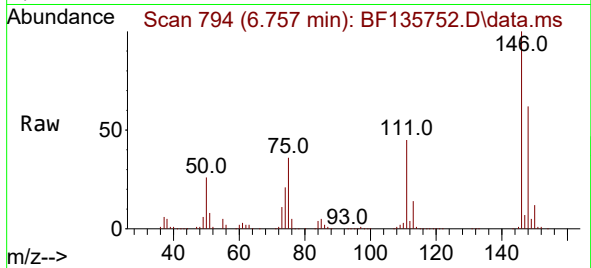
111 45.1 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#14

1,2-Dichlorobenzene

Concen: 47.205 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

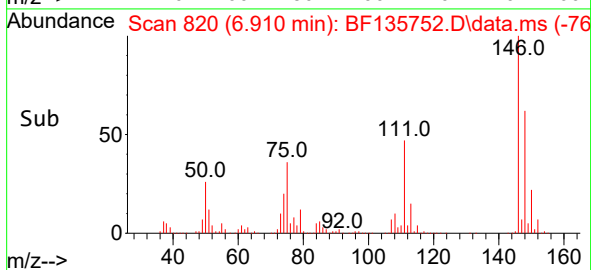
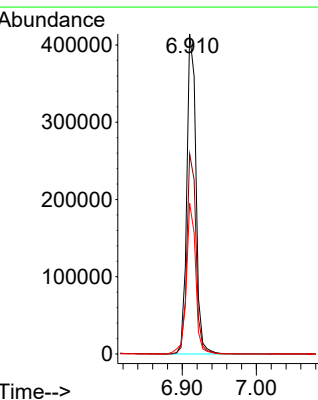
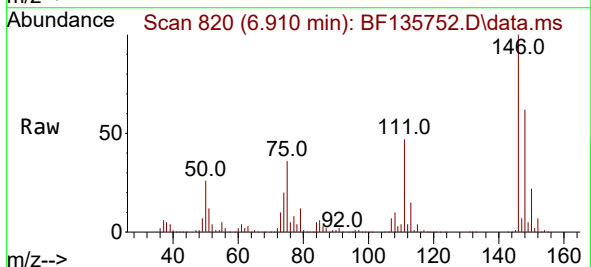
Tgt Ion:146 Resp: 353112

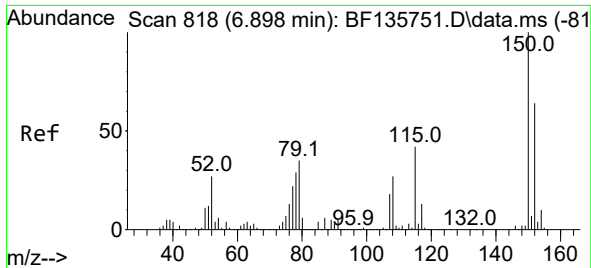
Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

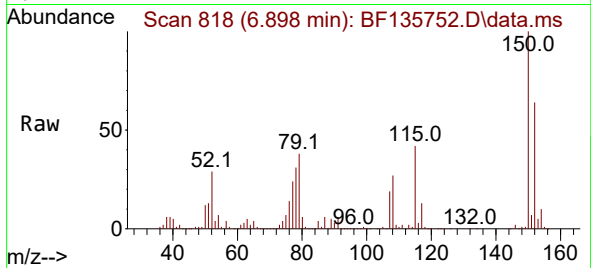
111 47.1 37.1 55.7





#15
Benzyl Alcohol
Concen: 46.957 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

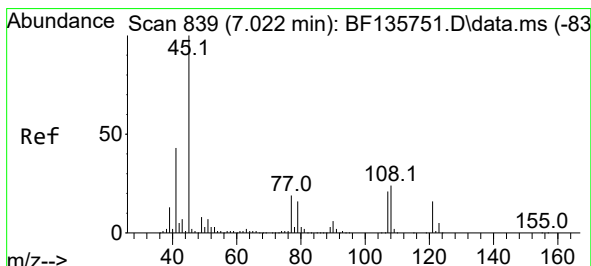
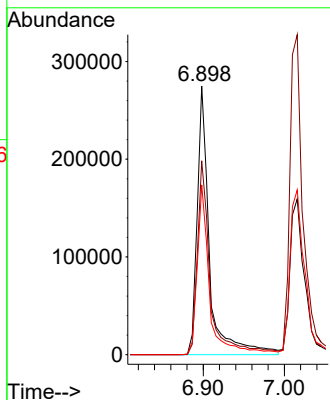
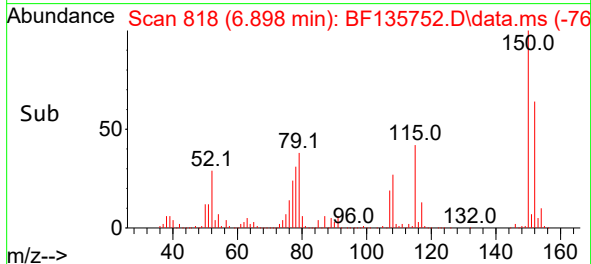
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 292239
Ion Ratio Lower Upper
79 100
108 72.2 62.0 93.0
77 63.2 50.5 75.7

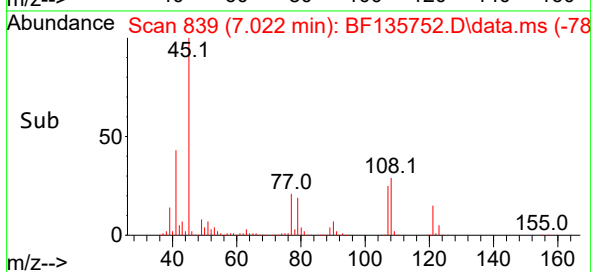
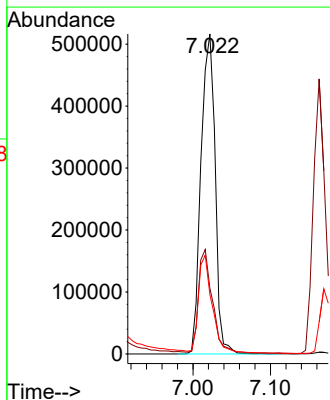
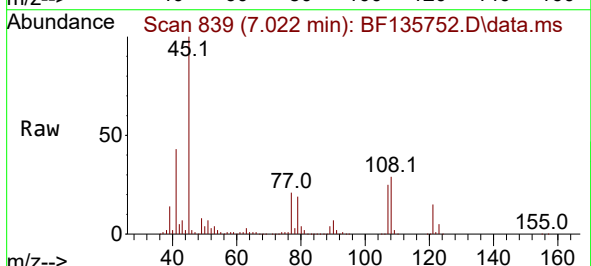
Manual Integrations
APPROVED

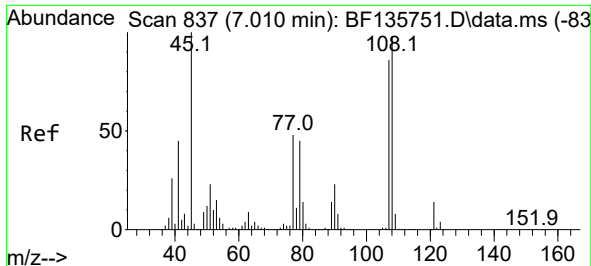
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.725 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion: 45 Resp: 653510
Ion Ratio Lower Upper
45 100
77 20.6 0.0 39.8
79 18.6 0.0 37.6





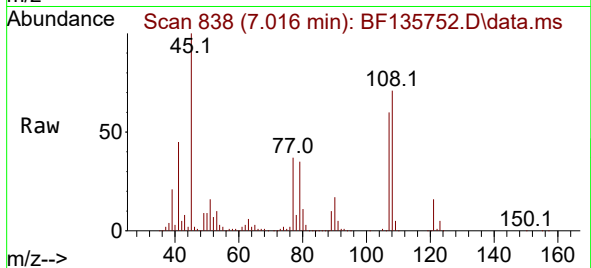
#17
2-Methylphenol
Concen: 45.966 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

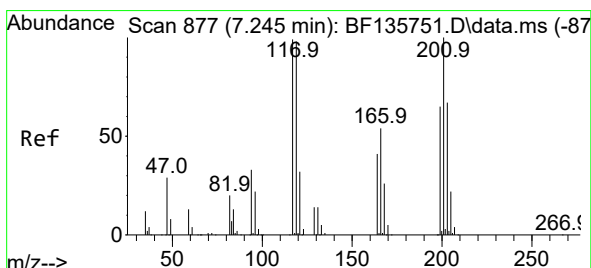
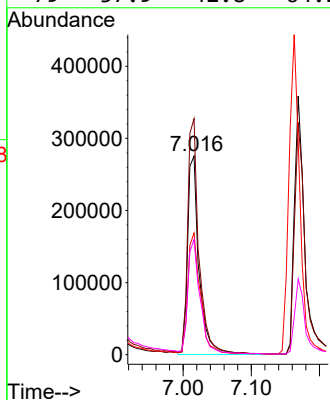
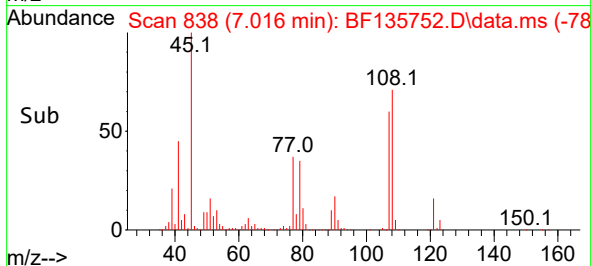


Tgt Ion:107 Resp: 321900
Ion Ratio Lower Upper
107 100
108 118.9 91.8 137.6
77 61.2 45.4 68.0
79 57.9 42.8 64.2

Manual Integrations

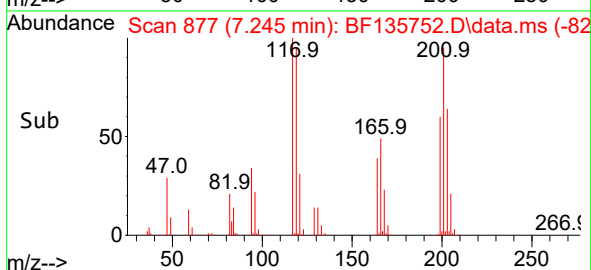
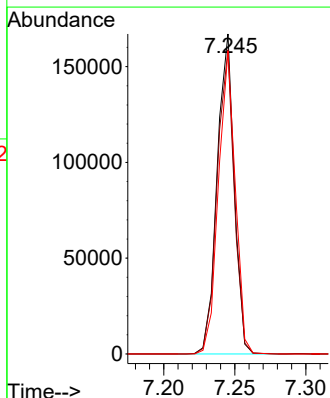
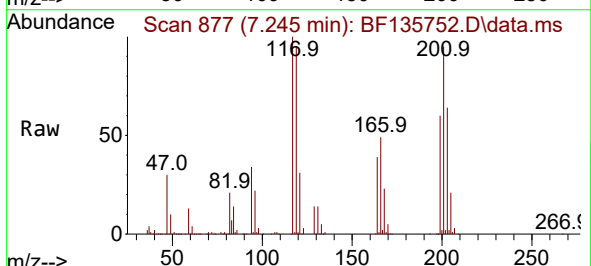
APPROVED

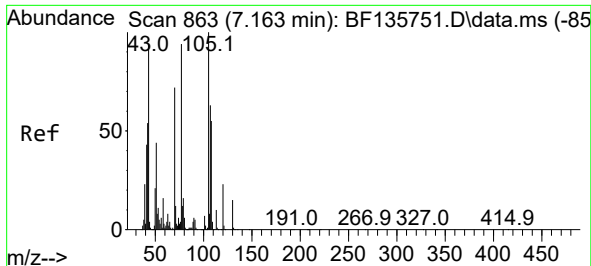
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#18
Hexachloroethane
Concen: 46.266 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

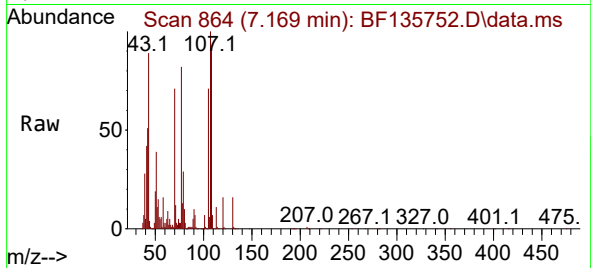
Tgt Ion:117 Resp: 139365
Ion Ratio Lower Upper
117 100
119 95.1 79.5 119.3
201 94.7 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 43.011 ng
RT: 7.169 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

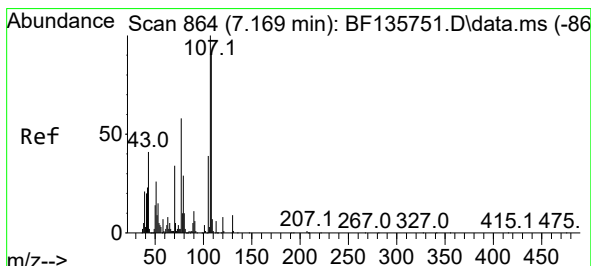
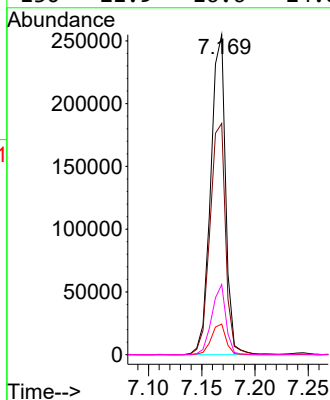
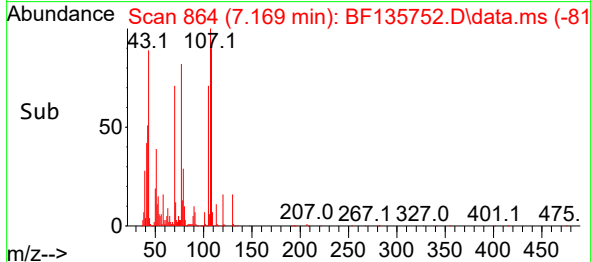
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



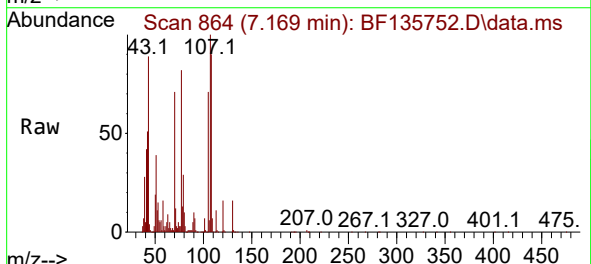
Tgt Ion: 70 Resp: 24892
Ion Ratio Lower Upper
70 100
42 72.2 59.8 89.6
101 9.5 7.4 11.2
130 21.9 16.6 24.8

Manual Integrations
APPROVED

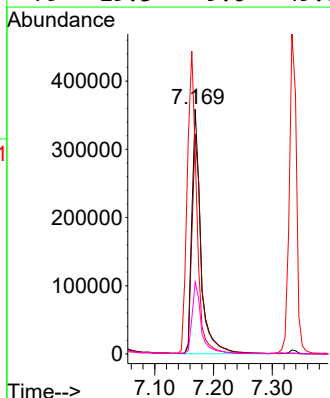
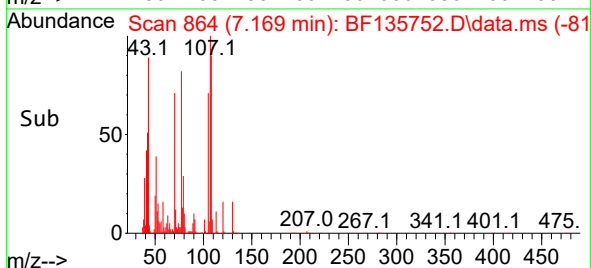
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

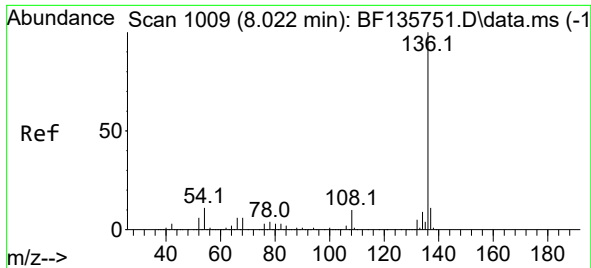


#20
3+4-Methylphenols
Concen: 43.901 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



Tgt Ion:107 Resp: 383268
Ion Ratio Lower Upper
107 100
108 89.8 71.1 111.1
77 82.4 42.0 82.0#
79 29.3 9.6 49.6





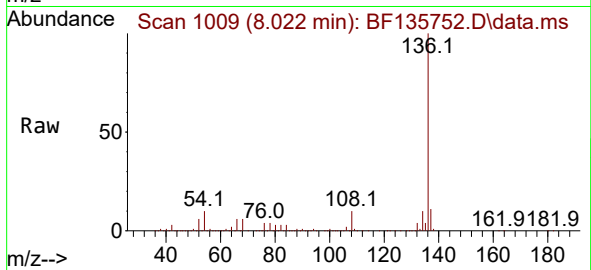
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

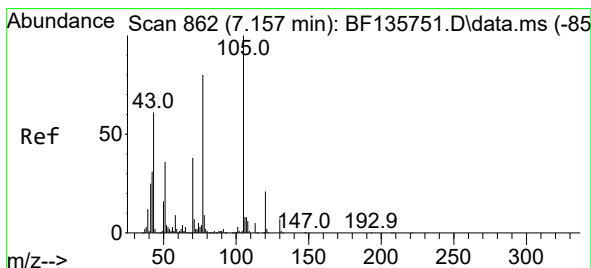
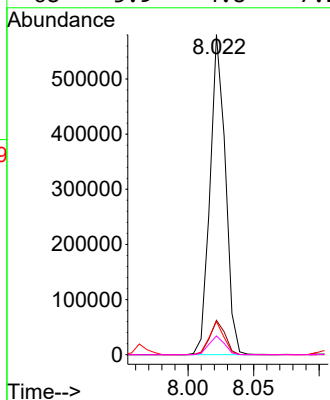
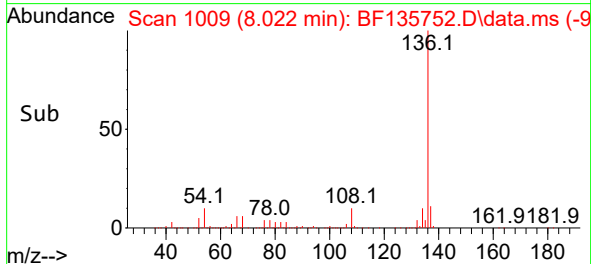


Tgt Ion:136 Resp: 473859
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.4 8.5 12.7
68 5.9 4.8 7.2

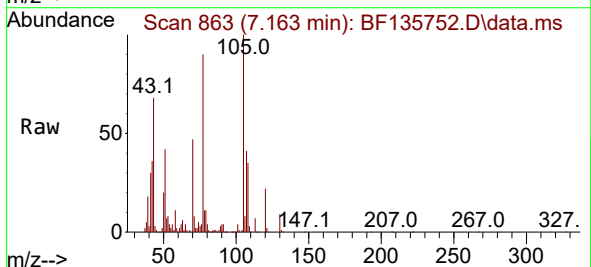
Manual Integrations

APPROVED

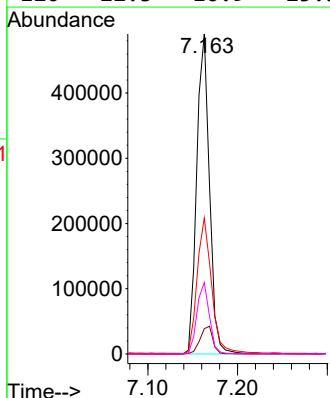
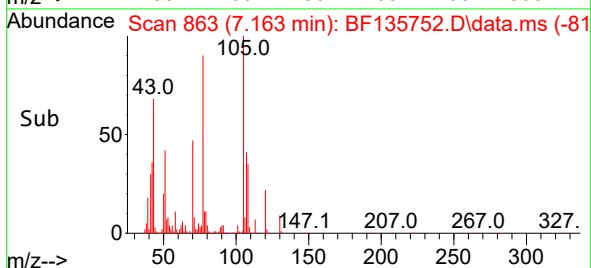
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

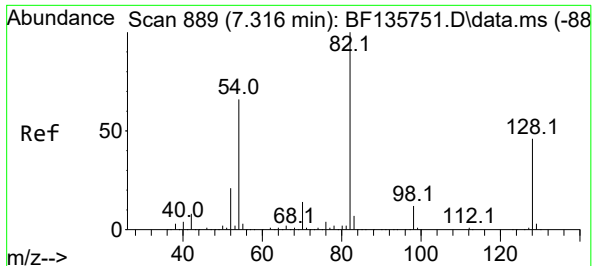


#22
Acetophenone
Concen: 44.580 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



Tgt Ion:105 Resp: 484473
Ion Ratio Lower Upper
105 100
71 7.9 5.4 8.0
51 42.5 29.4 44.0
120 22.3 16.9 25.3





#23

Nitrobenzene-d5

Concen: 92.604 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 79784

Ion Ratio Lower Upper

82 100

128 44.4 37.0 55.6

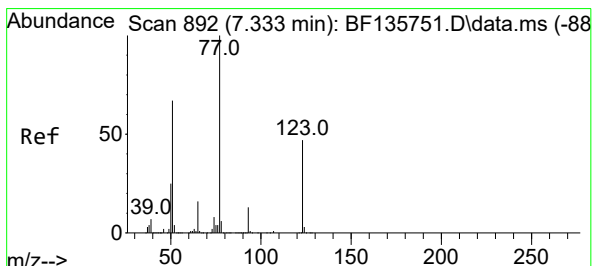
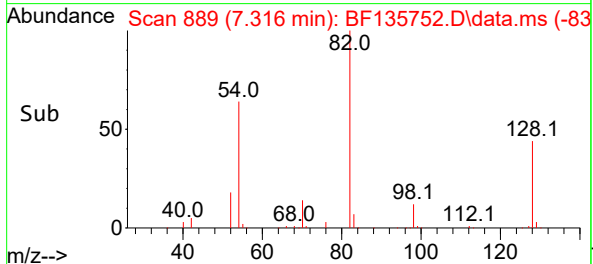
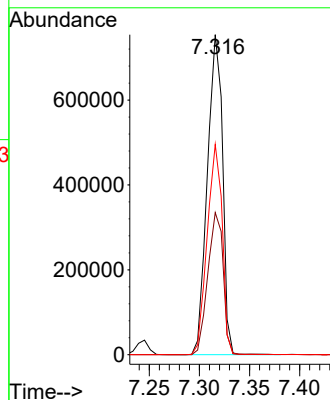
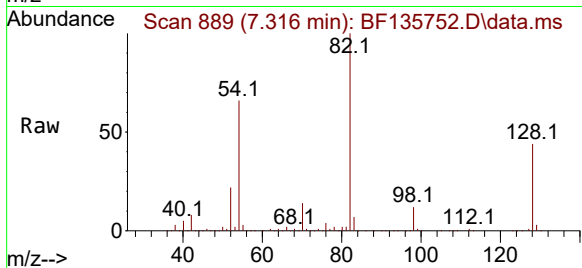
54 65.7 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#24

Nitrobenzene

Concen: 46.705 ng

RT: 7.333 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

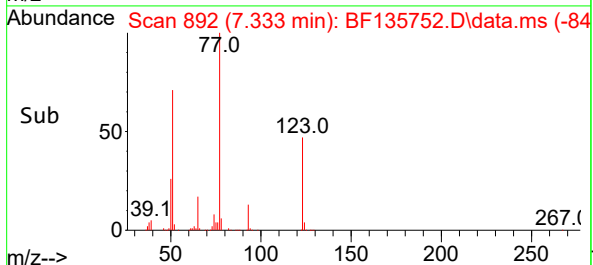
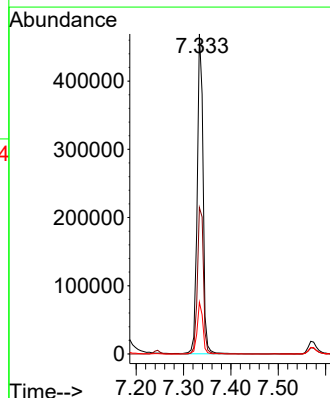
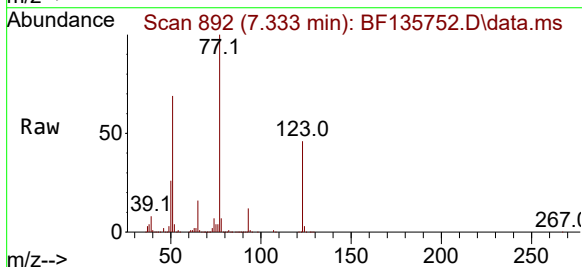
Tgt Ion: 77 Resp: 403861

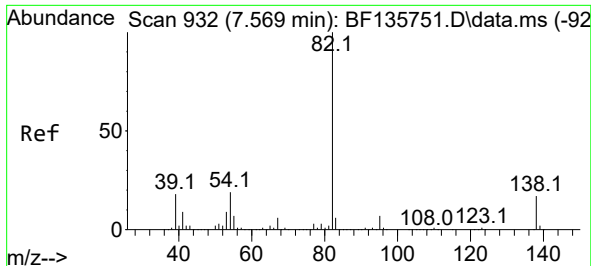
Ion Ratio Lower Upper

77 100

123 45.8 37.3 55.9

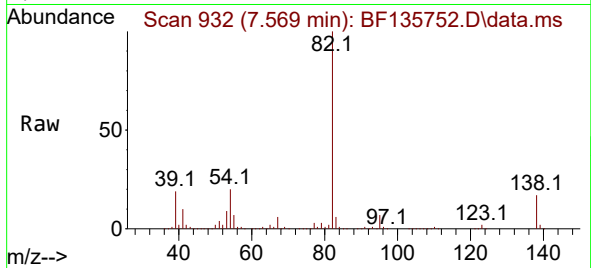
65 16.2 12.6 18.8





#25
Isophorone
Concen: 45.356 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

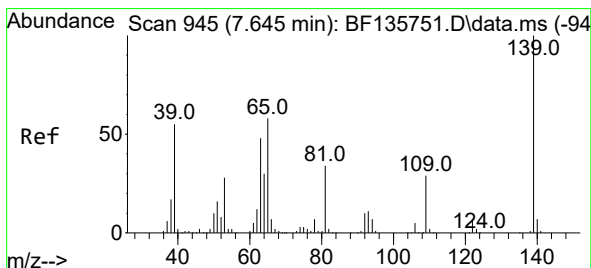
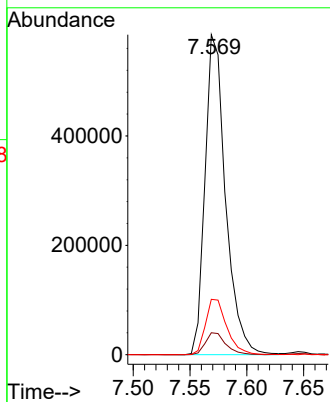
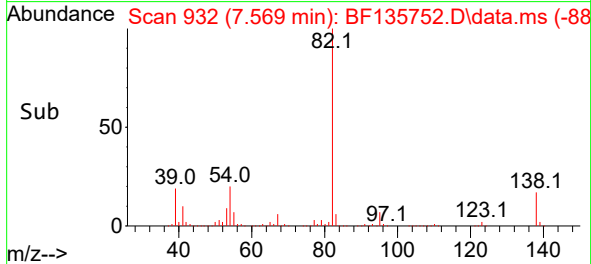
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



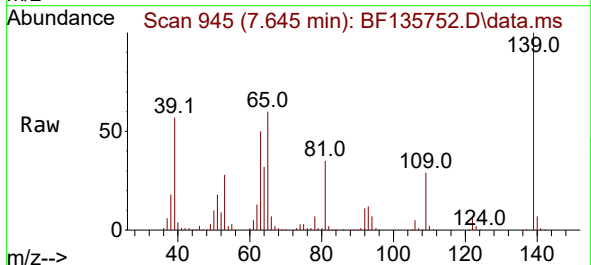
Tgt Ion: 82 Resp: 73722
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.3 13.9 20.9

Manual Integrations
APPROVED

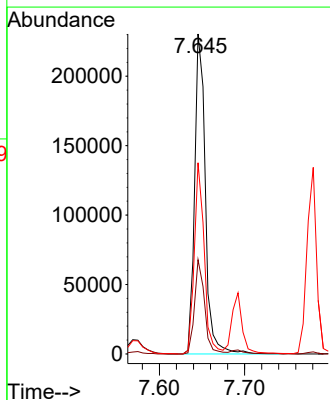
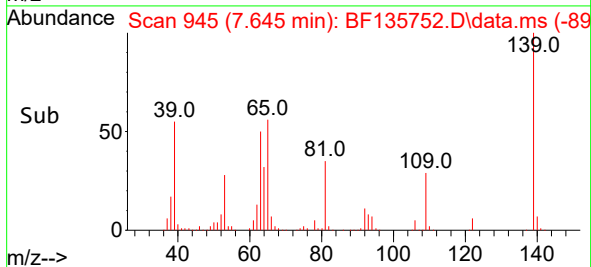
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

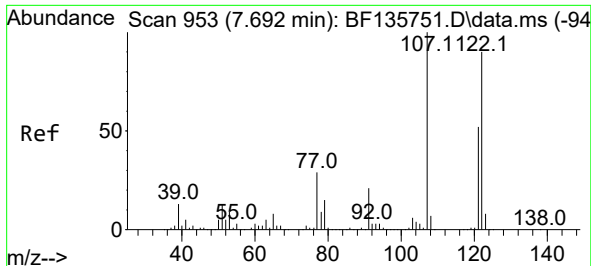


#26
2-Nitrophenol
Concen: 47.965 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



Tgt Ion:139 Resp: 202405
Ion Ratio Lower Upper
139 100
109 29.5 23.0 34.4
65 59.8 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 46.620 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135752.D

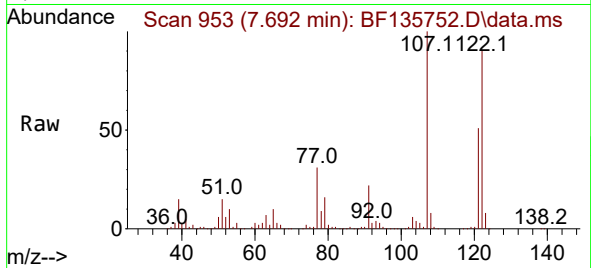
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:122 Resp: 32386

Ion Ratio Lower Upper

122 100

107 111.3 88.2 132.4

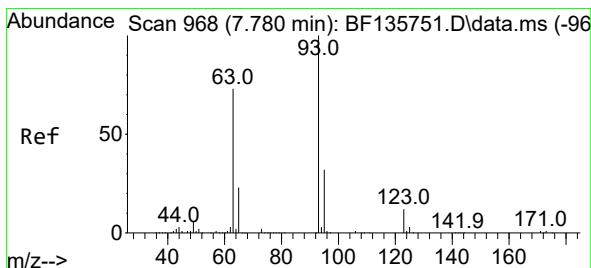
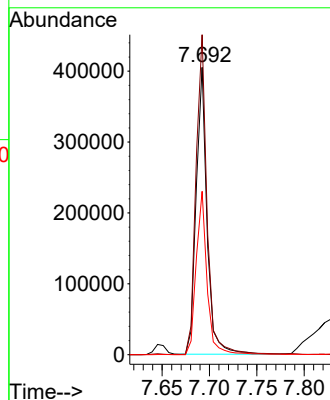
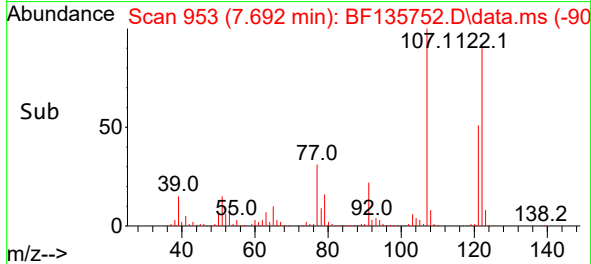
121 56.9 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.839 ng

RT: 7.780 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

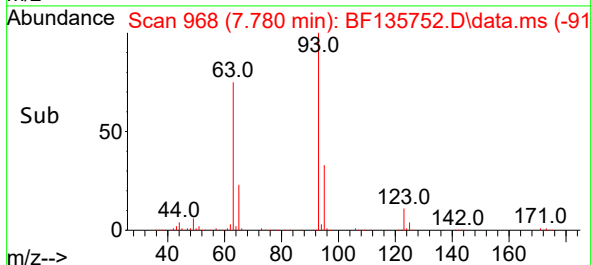
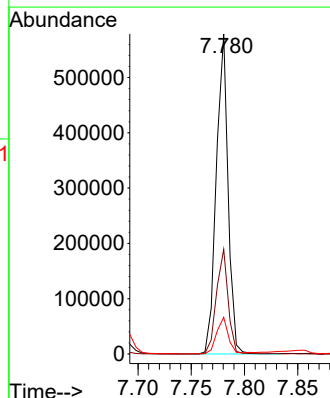
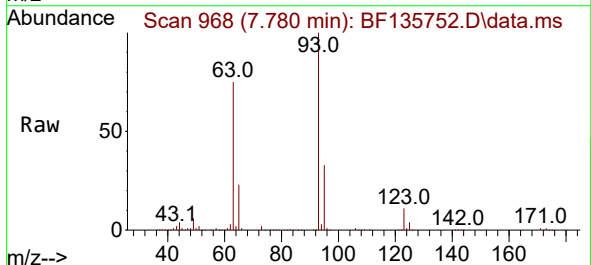
Tgt Ion: 93 Resp: 443720

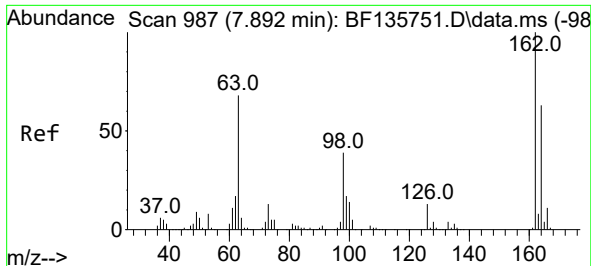
Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.032 ng

RT: 7.892 min Scan# 98

Delta R.T. -0.000 min

Lab File: BF135752.D

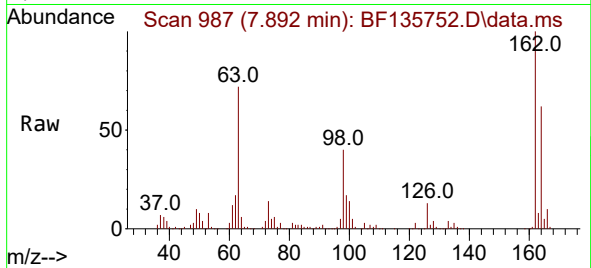
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 30618

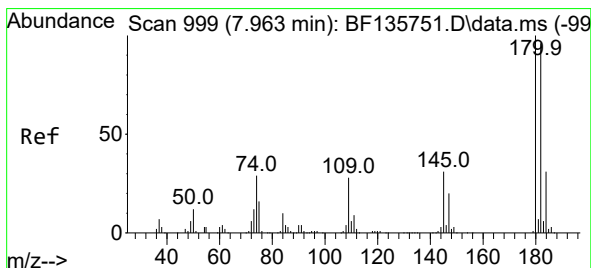
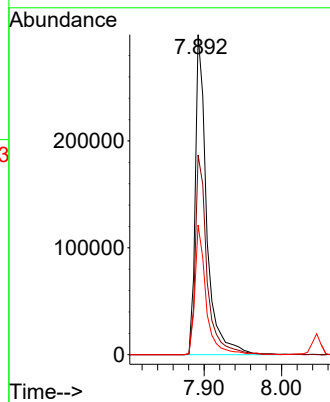
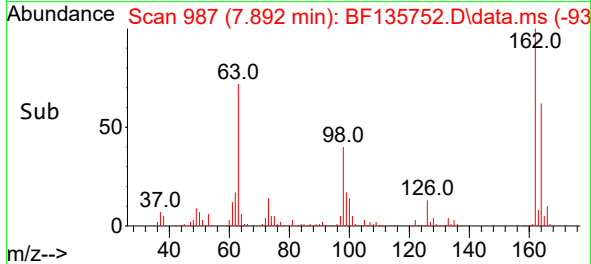
Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.4	83.4
98	40.5	19.0	59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#30

1,2,4-Trichlorobenzene

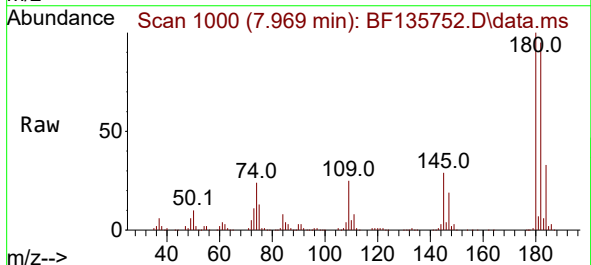
Concen: 46.734 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.006 min

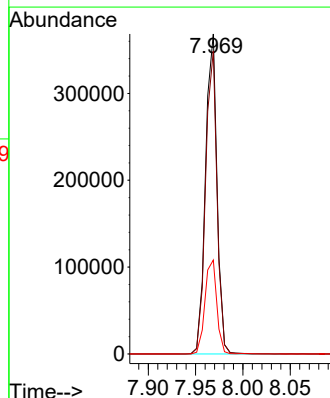
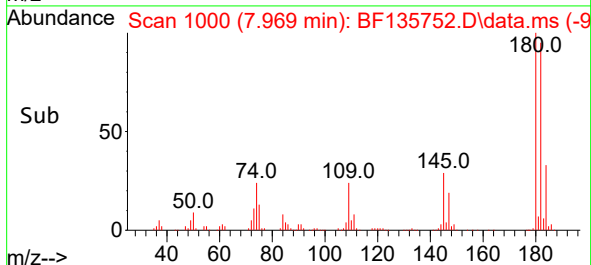
Lab File: BF135752.D

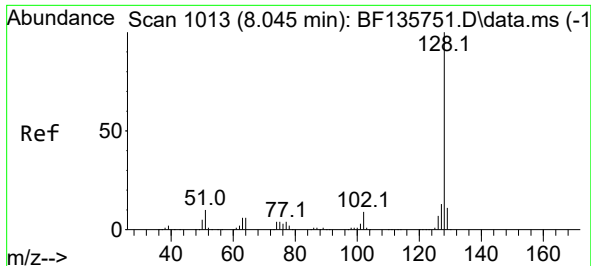
Acq: 13 Oct 2023 14:24



Tgt Ion:180 Resp: 311176

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	29.3	25.0	37.6





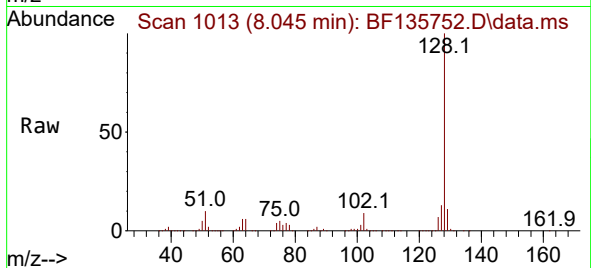
#31
Naphthalene
Concen: 46.265 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



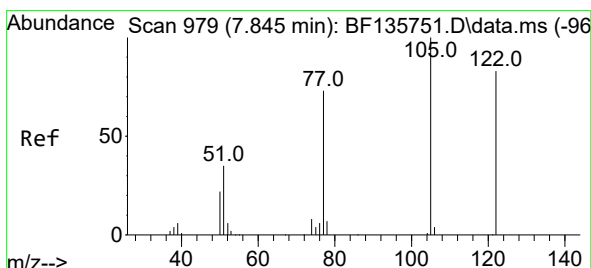
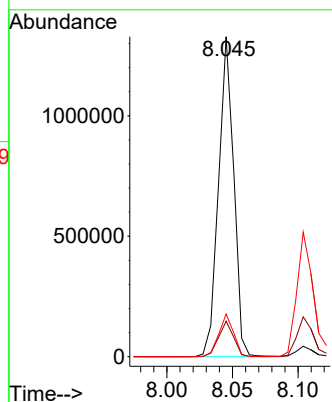
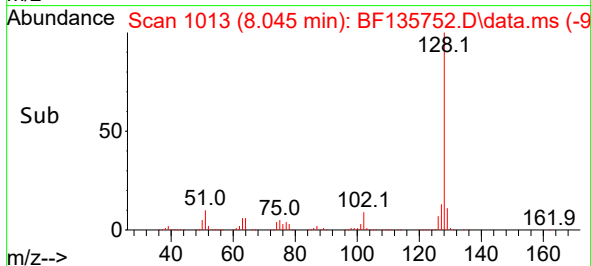
Tgt Ion:128 Resp: 1069324
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.2 15.4

Manual Integrations

APPROVED

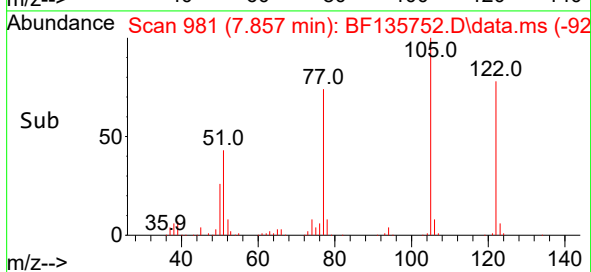
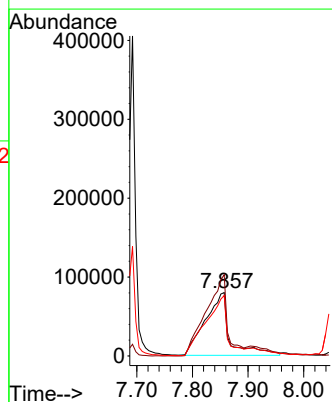
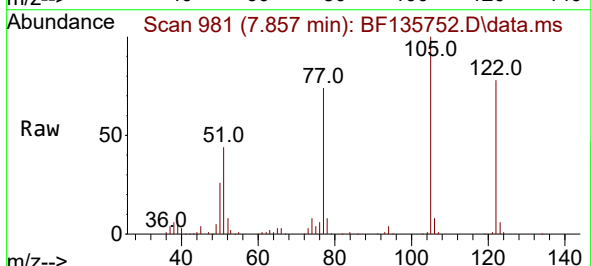
Reviewed By :Yogesh Patel 10/16/2023

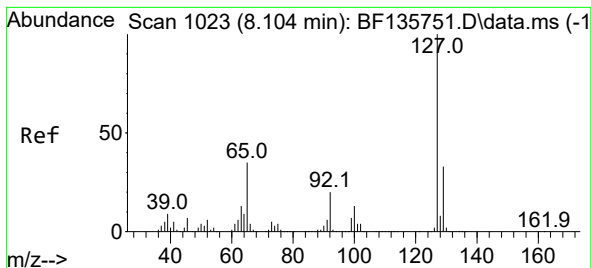
Supervised By :mohammad ahmed 10/17/2023



#32
Benzoic acid
Concen: 51.957 ng m
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:122 Resp: 243699
Ion Ratio Lower Upper
122 100
105 128.3 98.7 138.7
77 95.4 67.8 107.8





#33
4-Chloroaniline
Concen: 47.466 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

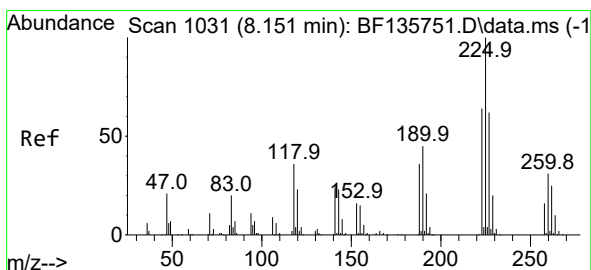
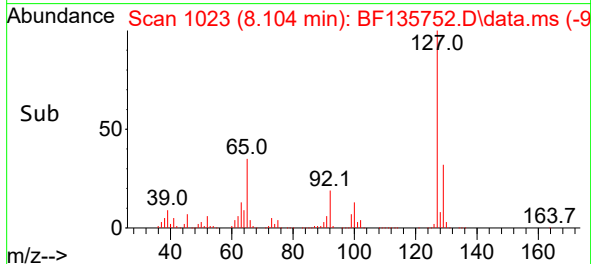
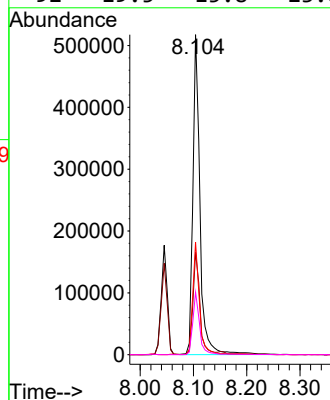
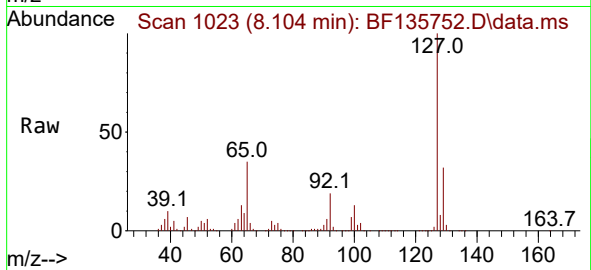
SSTDICC050

Tgt Ion:127 Resp: 479238
Ion Ratio Lower Upper
127 100
129 31.9 26.5 39.7
65 35.2 27.9 41.9
92 19.5 15.8 23.8

Manual Integrations

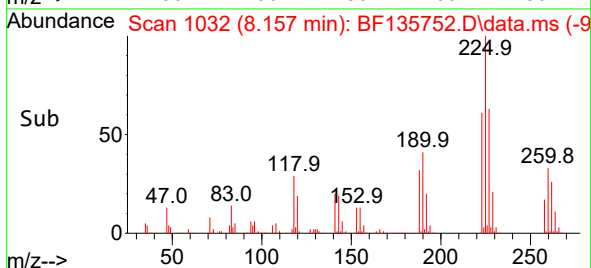
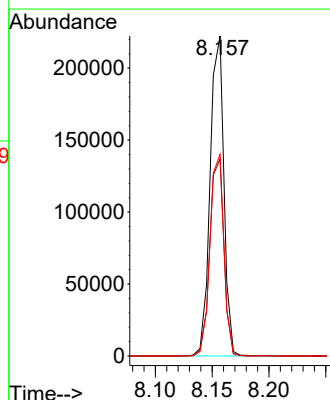
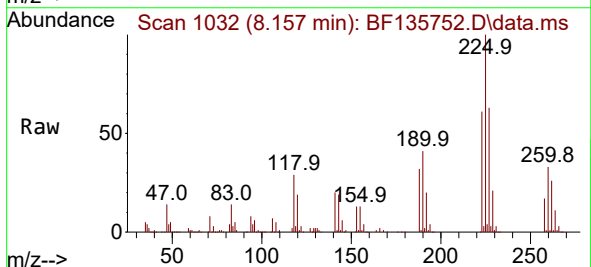
APPROVED

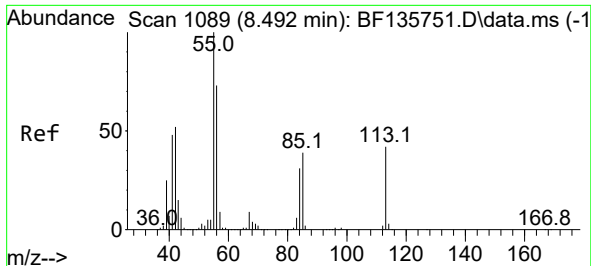
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Hexachlorobutadiene
Concen: 47.386 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

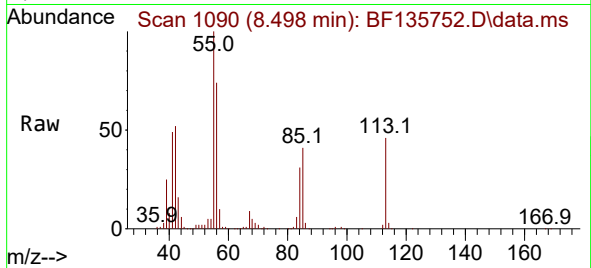
Tgt Ion:225 Resp: 186757
Ion Ratio Lower Upper
225 100
223 61.5 51.1 76.7
227 63.0 49.7 74.5





#35
Caprolactam
Concen: 49.220 ng
RT: 8.498 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

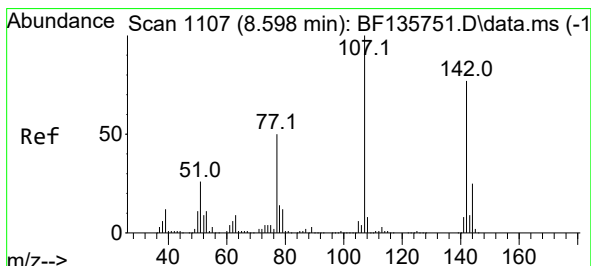
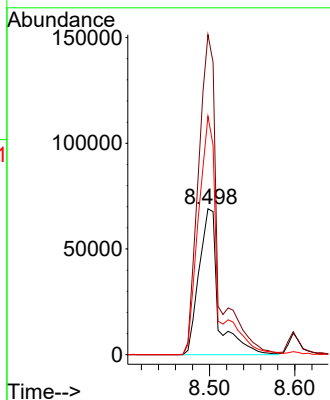
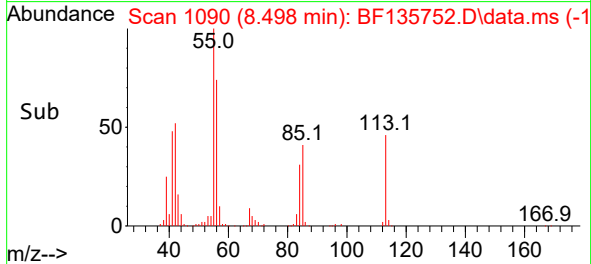
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 109662
Ion Ratio Lower Upper
113 100
55 219.3 217.4 257.4
56 163.4 153.1 193.1

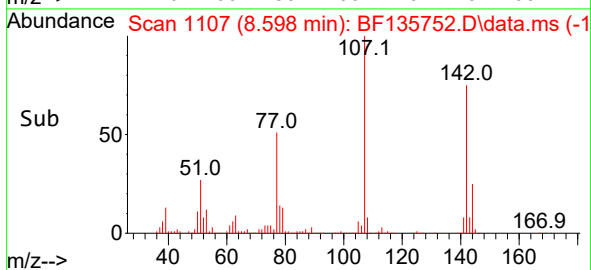
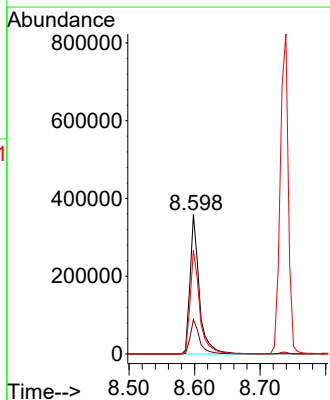
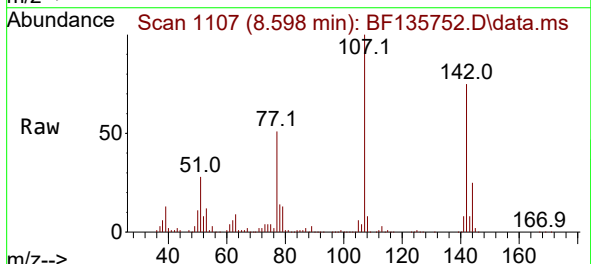
Manual Integrations
APPROVED

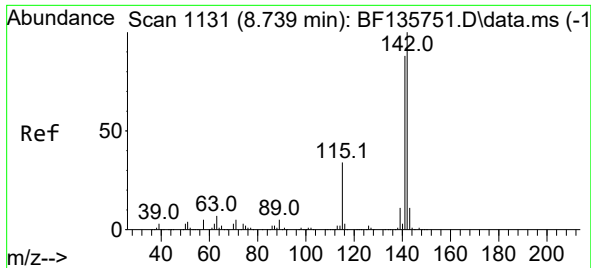
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#36
4-Chloro-3-methylphenol
Concen: 48.782 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:107 Resp: 352184
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.8
142 74.7 61.3 91.9





#37
2-Methylnaphthalene
Concen: 46.607 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

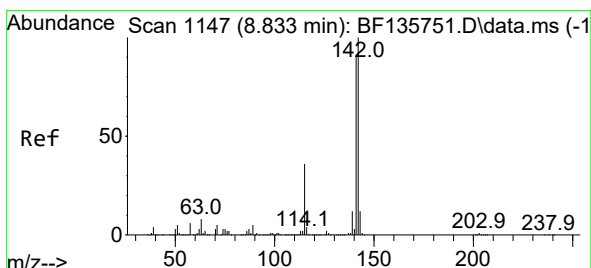
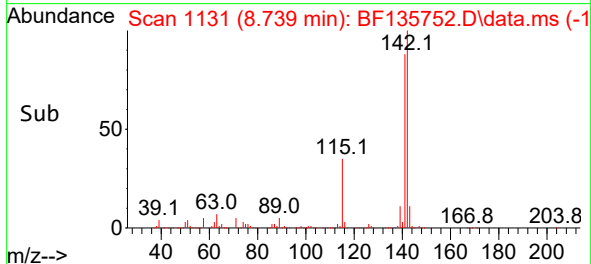
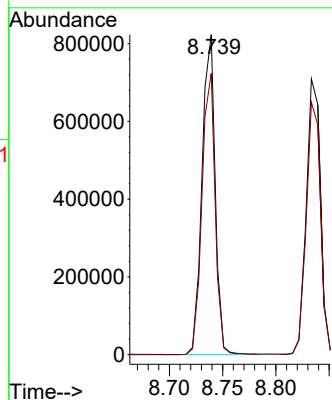
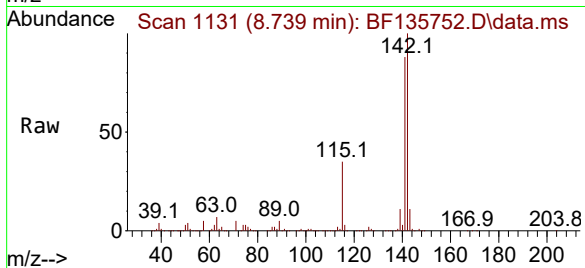
SSTDICC050

Tgt Ion:142 Resp: 709728
Ion Ratio Lower Upper
142 100
141 87.9 70.6 105.8

Manual Integrations

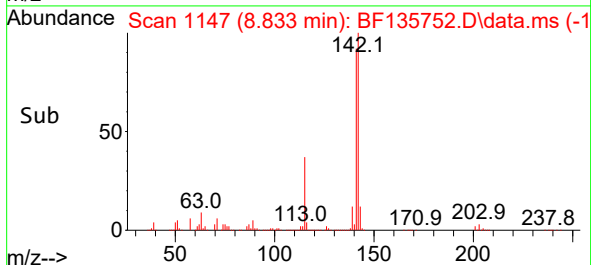
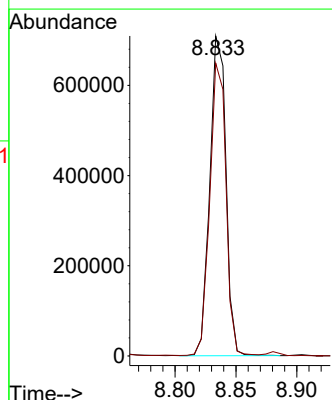
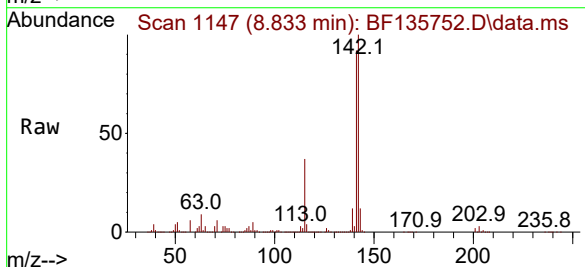
APPROVED

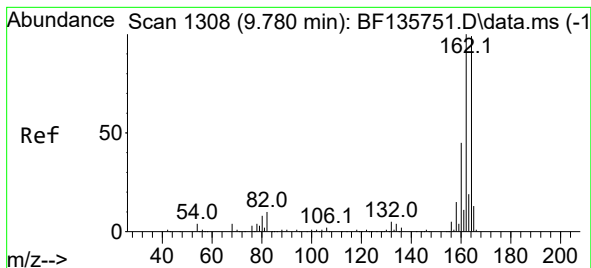
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#38
1-Methylnaphthalene
Concen: 46.578 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:142 Resp: 654192
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135752.D

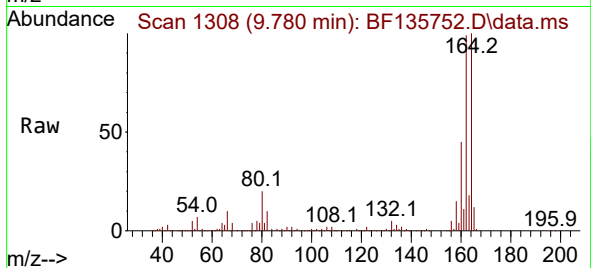
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 239919

Ion Ratio Lower Upper

164 100

162 99.4 80.8 121.2

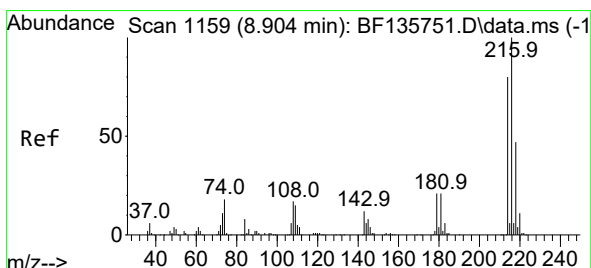
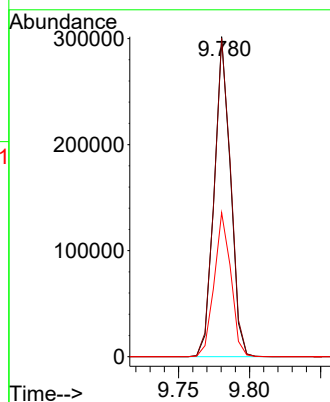
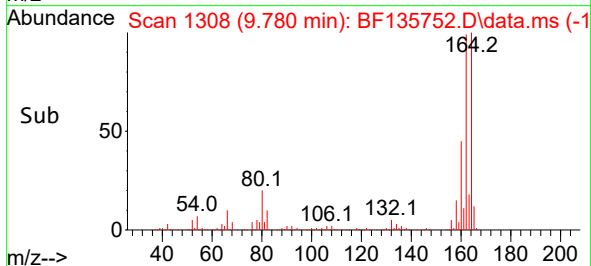
160 45.0 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.945 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Tgt Ion:216 Resp: 330891

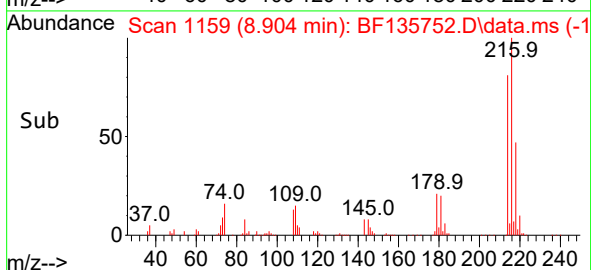
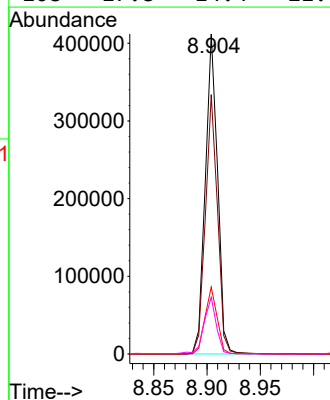
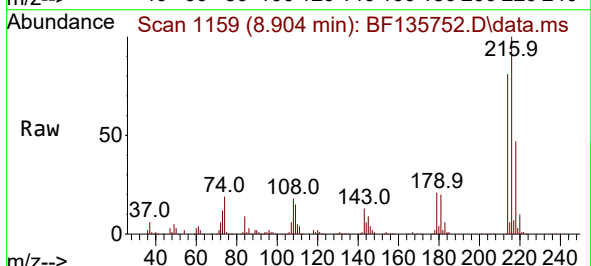
Ion Ratio Lower Upper

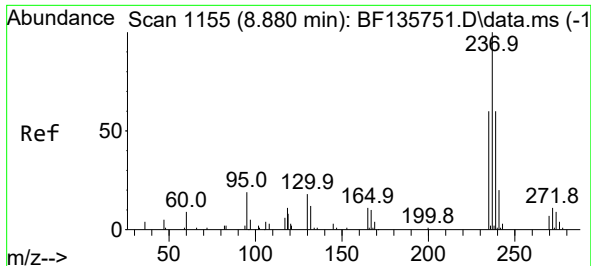
216 100

214 79.8 64.0 96.0

179 20.7 16.9 25.3

108 17.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 49.207 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

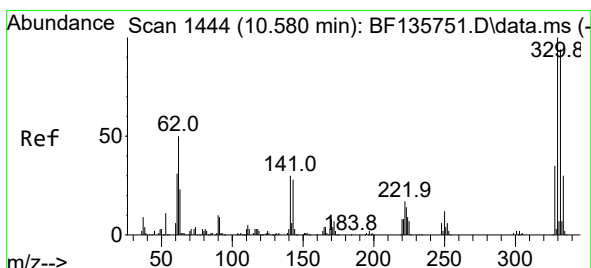
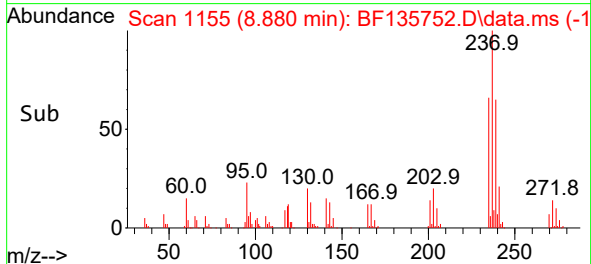
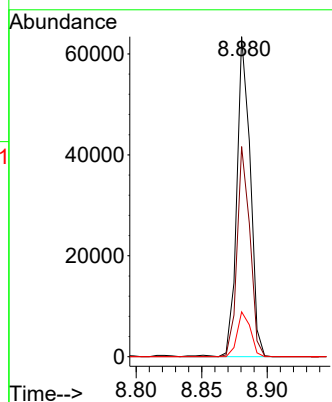
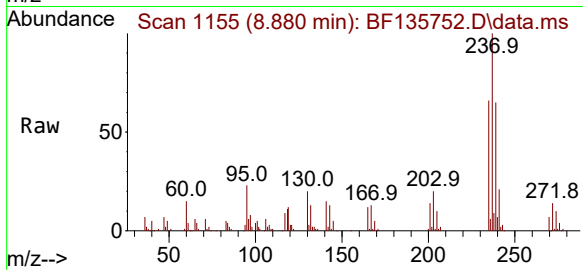
ClientSampleId :

SSTDICC050

Tgt Ion: 237 Resp: 45164
Ion Ratio Lower Upper
237 100
235 65.6 40.0 80.0
272 14.0 0.0 30.9

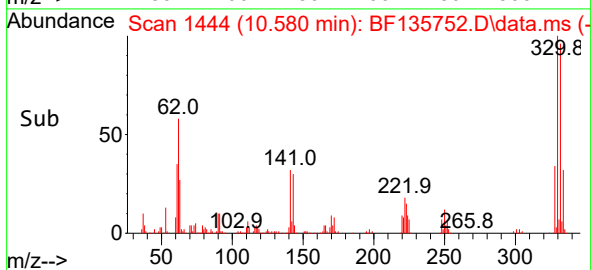
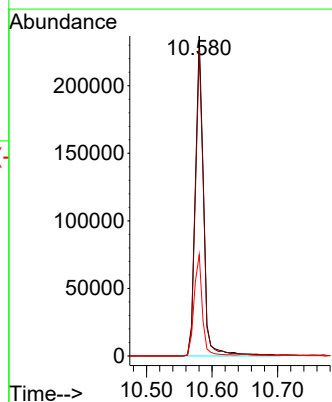
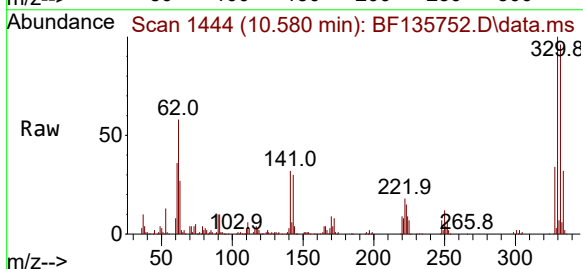
Manual Integrations
APPROVED

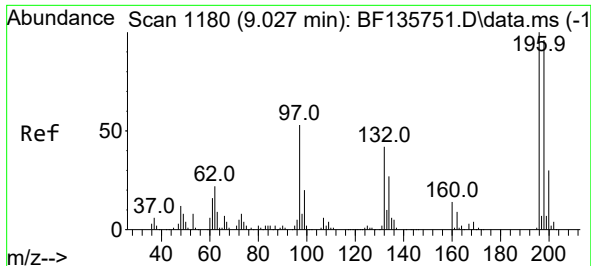
Reviewed By : Yogesh Patel 10/16/2023
Supervised By : mohammad ahmed 10/17/2023



#42
2,4,6-Tribromophenol
Concen: 90.104 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion: 330 Resp: 207439
Ion Ratio Lower Upper
330 100
332 95.3 75.0 112.4
141 31.8 25.8 38.6





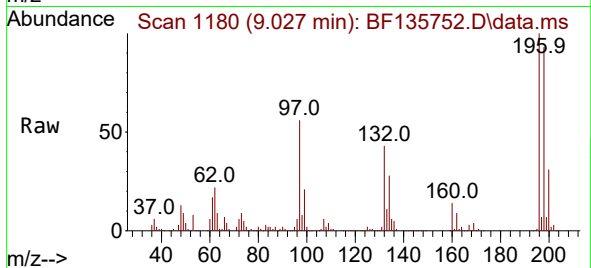
#43
2,4,6-Trichlorophenol
Concen: 48.528 ng
RT: 9.027 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

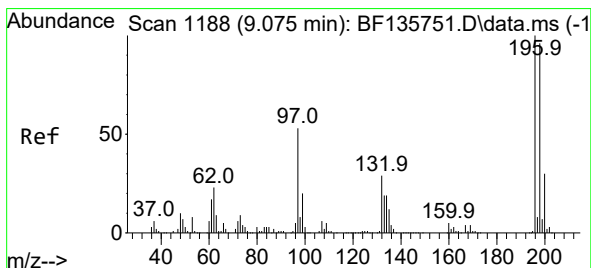
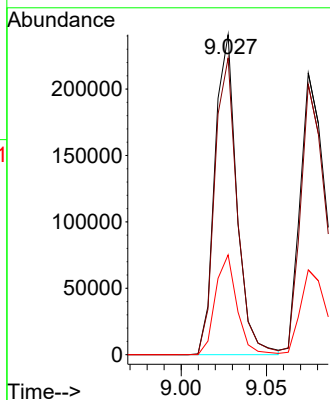
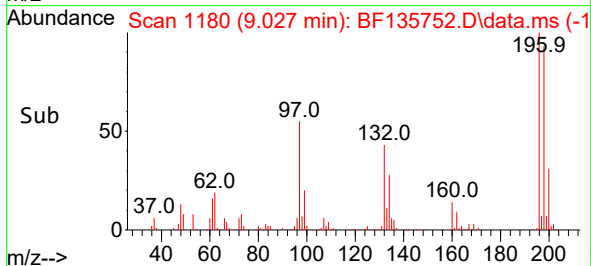


Tgt Ion:196 Resp: 215819
Ion Ratio Lower Upper
196 100
198 92.7 76.7 115.1
200 31.2 24.2 36.4

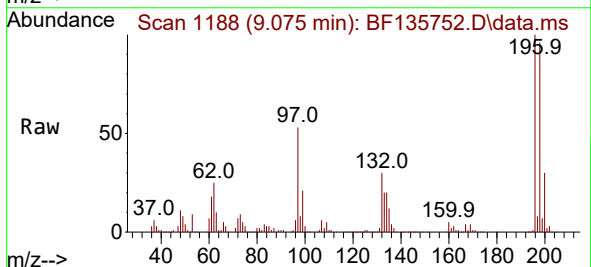
Manual Integrations

APPROVED

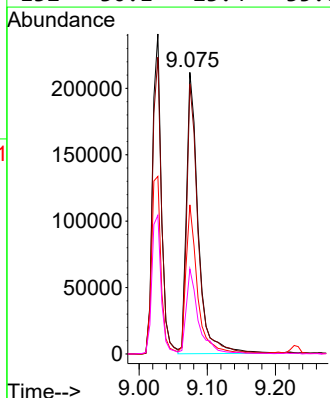
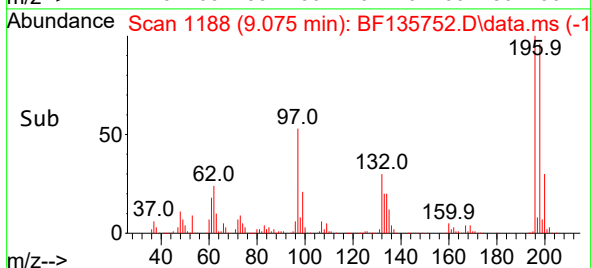
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

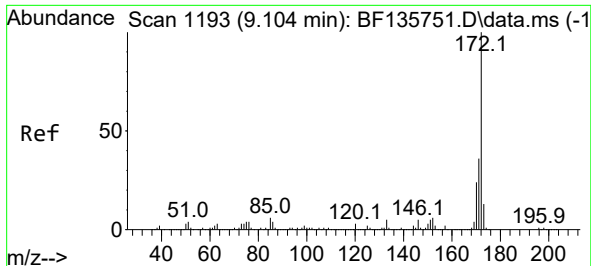


#44
2,4,5-Trichlorophenol
Concen: 48.426 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



Tgt Ion:196 Resp: 250491
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.6
97 52.9 42.2 63.2
132 30.1 23.4 35.0





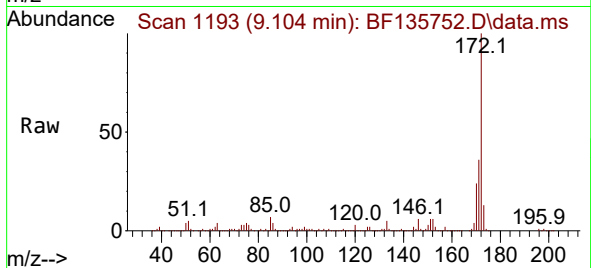
#45
2-Fluorobiphenyl
Concen: 89.676 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



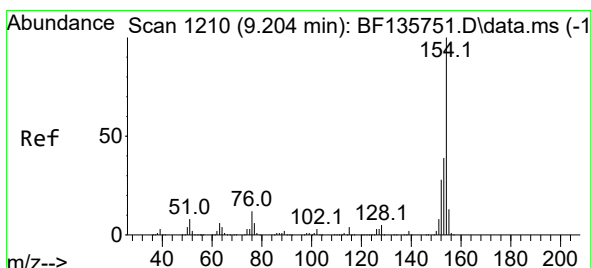
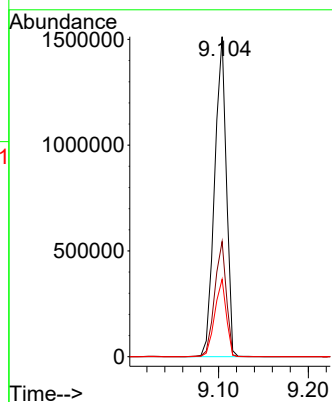
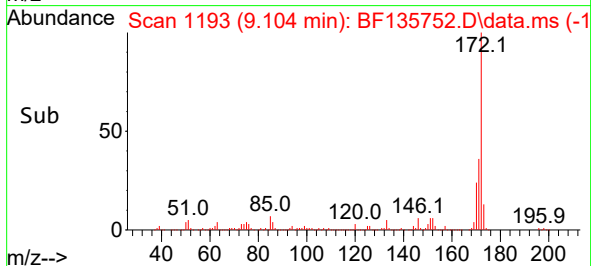
Tgt Ion:172 Resp: 137606
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.2 18.8 28.2

Manual Integrations

APPROVED

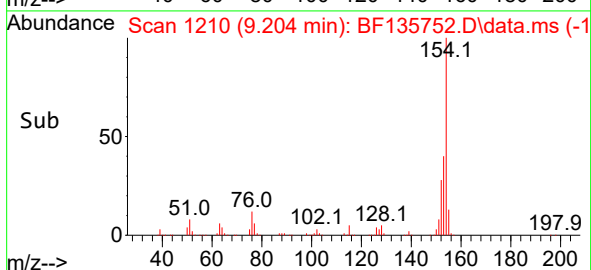
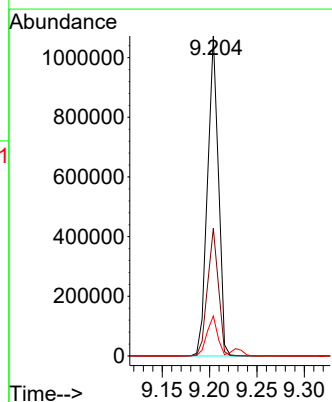
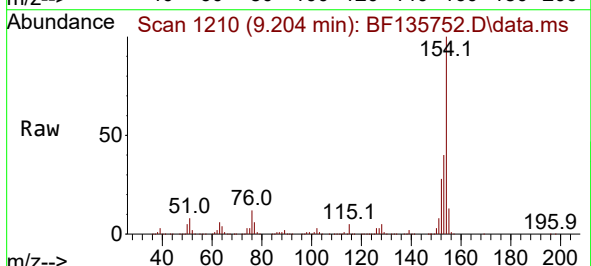
Reviewed By :Yogesh Patel 10/16/2023

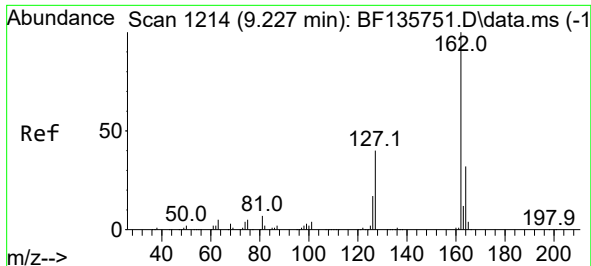
Supervised By :mohammad ahmed 10/17/2023



#46
1,1'-Biphenyl
Concen: 46.562 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:154 Resp: 855730
Ion Ratio Lower Upper
154 100
153 39.9 19.4 59.4
76 12.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 46.694 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

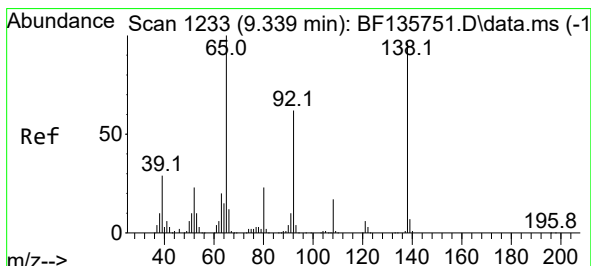
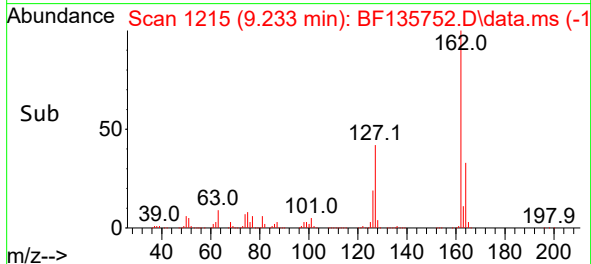
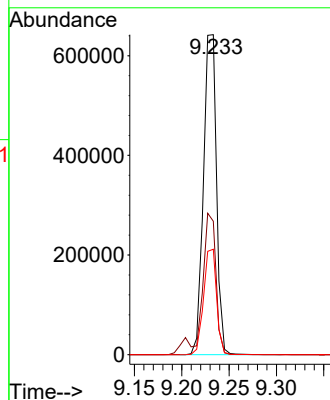
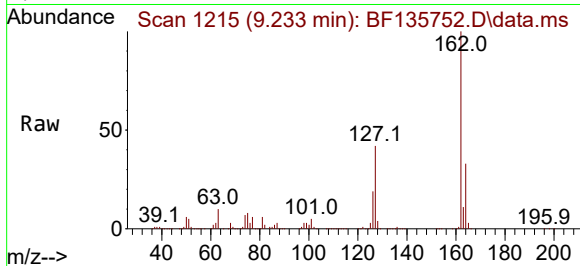
ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 61846
Ion Ratio Lower Upper
162 100
127 41.7 34.7 52.1
164 32.9 25.6 38.4

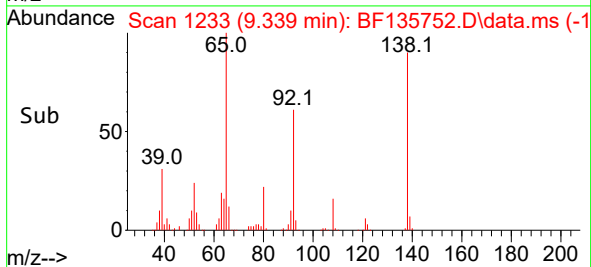
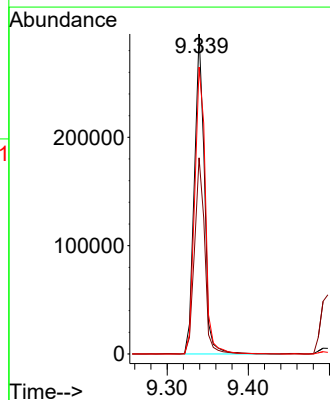
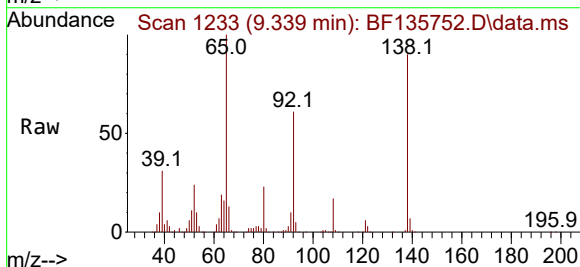
Manual Integrations
APPROVED

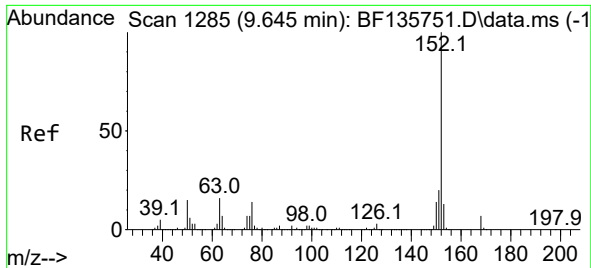
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#48
2-Nitroaniline
Concen: 48.913 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion: 65 Resp: 255724
Ion Ratio Lower Upper
65 100
92 61.3 49.4 74.0
138 89.6 76.6 114.8





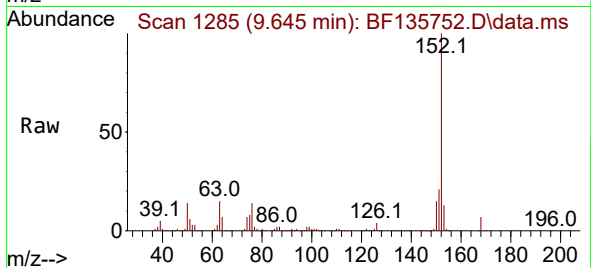
#49
Acenaphthylene
Concen: 45.272 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

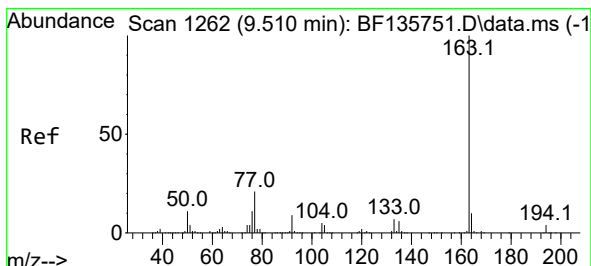
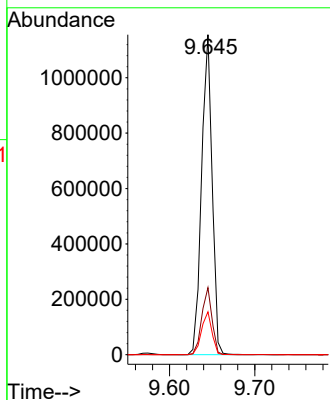
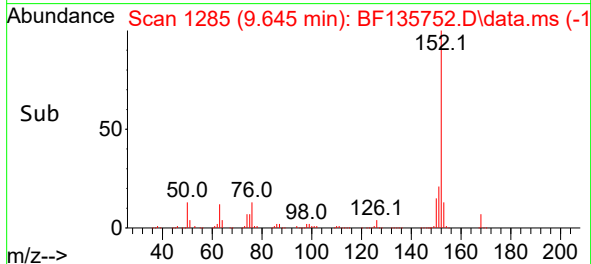


Tgt Ion:152 Resp: 992310
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 13.4 10.2 15.4

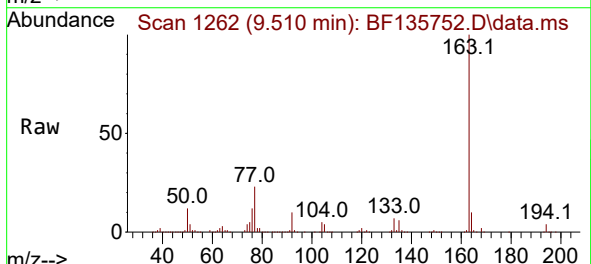
Manual Integrations

APPROVED

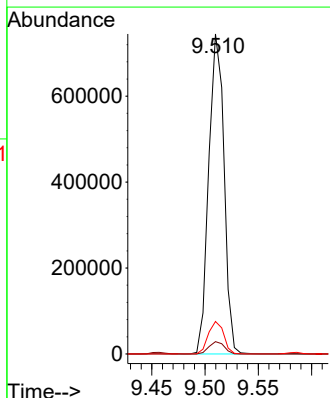
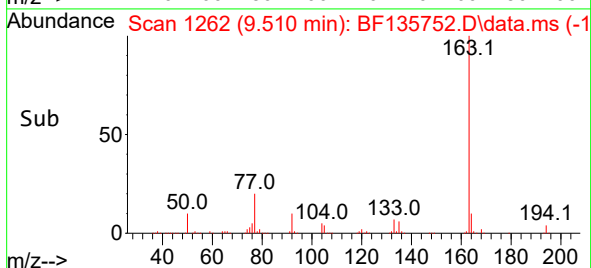
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

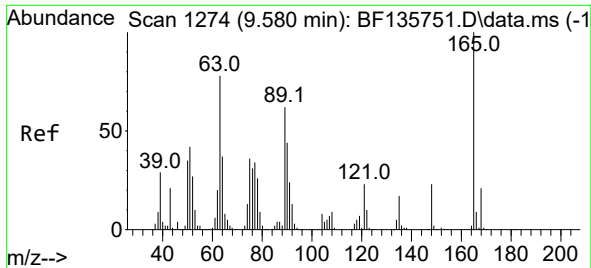


#50
Dimethylphthalate
Concen: 45.895 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



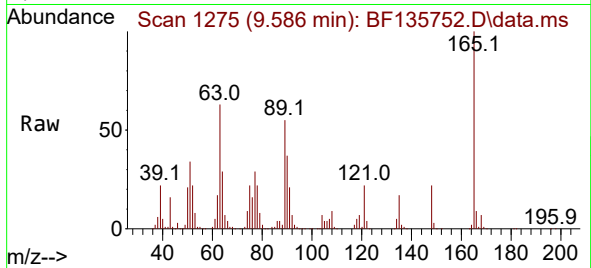
Tgt Ion:163 Resp: 743316
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 47.540 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

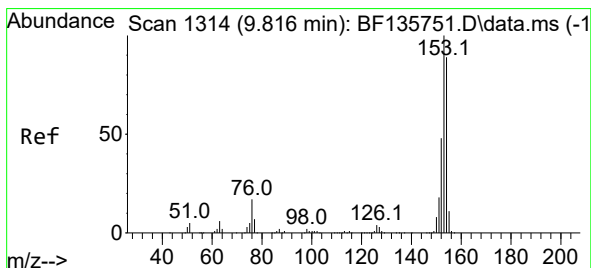
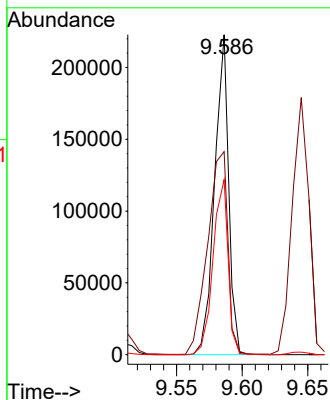
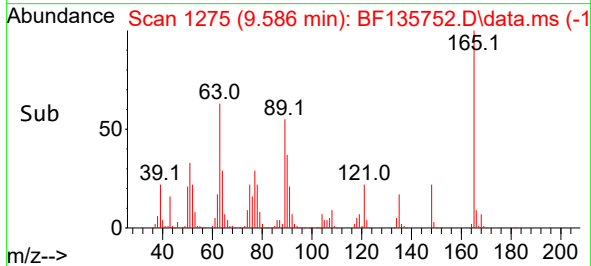
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 165579
Ion Ratio Lower Upper
165 100
63 63.4 62.2 93.4
89 54.7 49.6 74.4

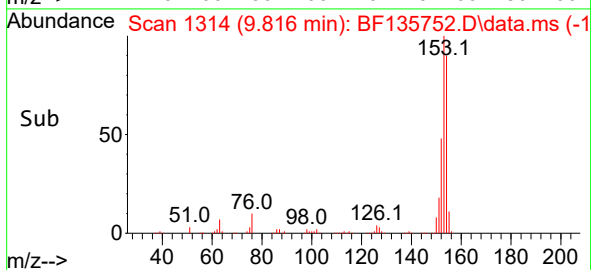
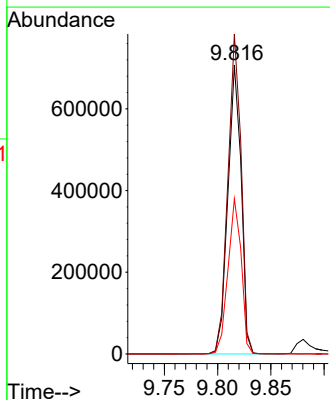
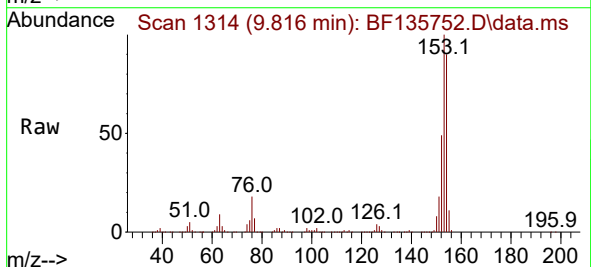
Manual Integrations
APPROVED

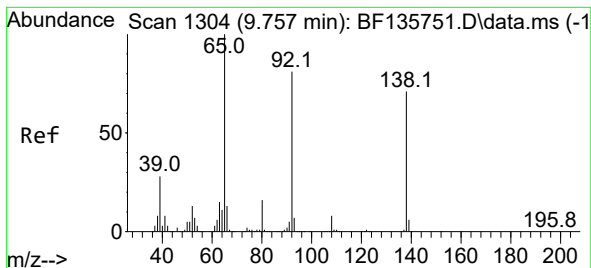
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#52
Acenaphthene
Concen: 46.689 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:154 Resp: 613395
Ion Ratio Lower Upper
154 100
153 110.7 90.1 135.1
152 53.7 43.1 64.7





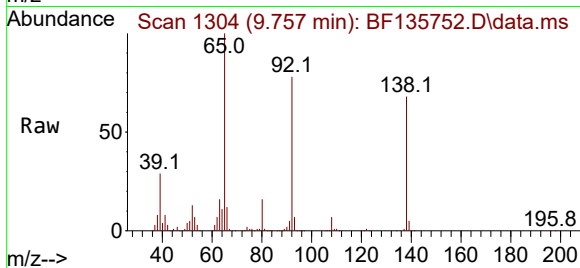
#53
3-Nitroaniline
Concen: 47.747 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

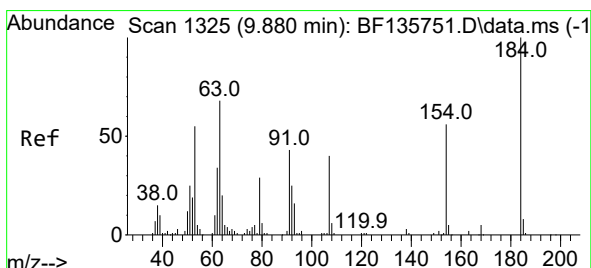
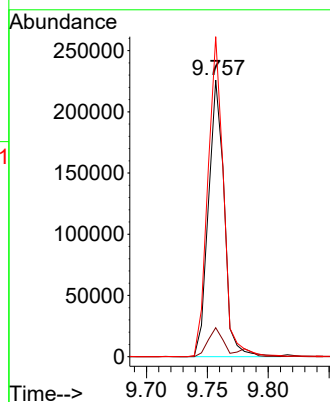
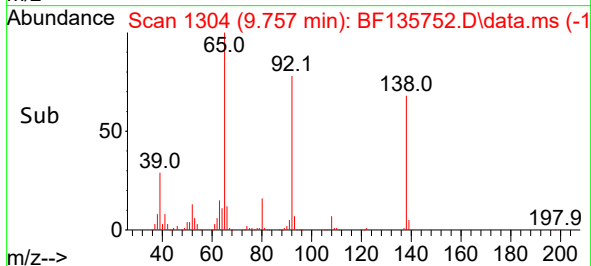


Tgt Ion:138 Resp: 203859
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 115.7 91.3 136.9

Manual Integrations

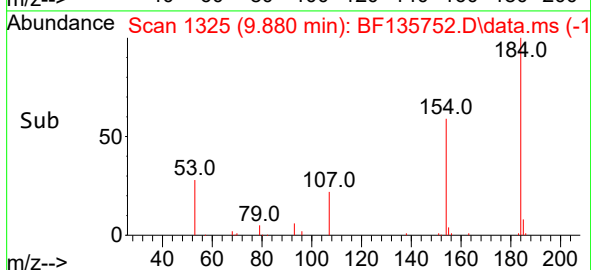
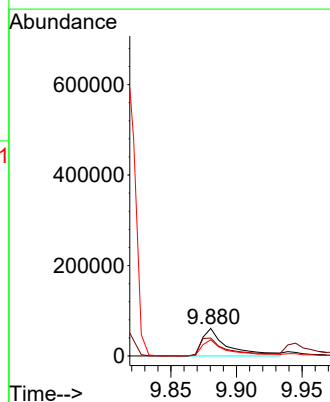
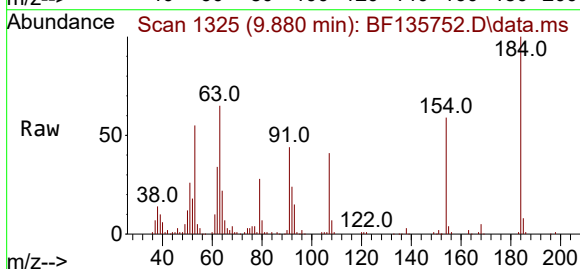
APPROVED

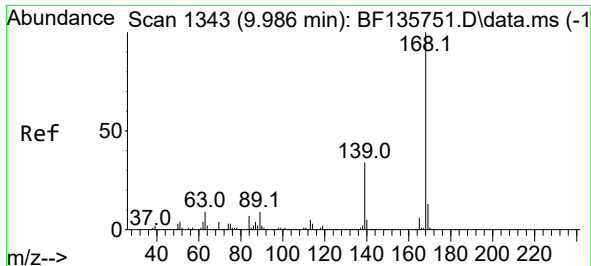
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#54
2,4-Dinitrophenol
Concen: 55.706 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:184 Resp: 80989
Ion Ratio Lower Upper
184 100
63 65.2 54.6 81.8
154 58.9 45.0 67.4





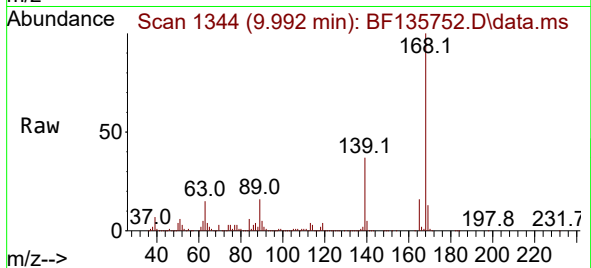
#55
Dibenzenofuran
Concen: 45.201 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



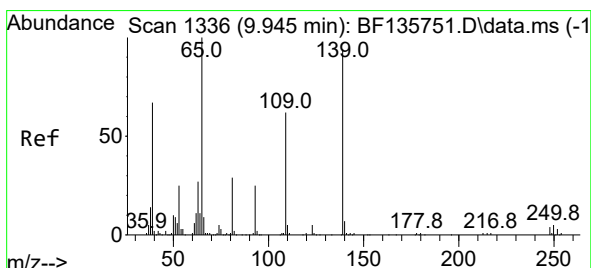
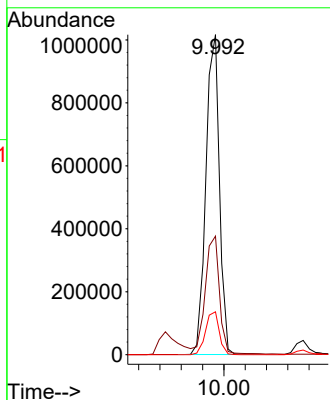
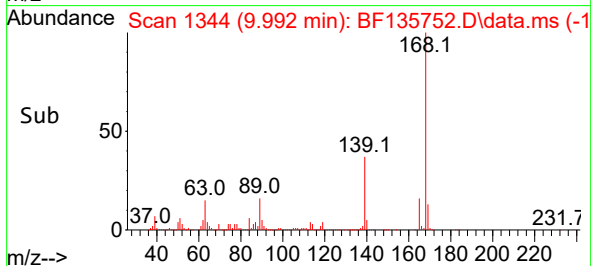
Tgt Ion:168 Resp: 896028
Ion Ratio Lower Upper
168 100
139 37.1 31.0 46.4
169 13.4 10.7 16.1

Manual Integrations

APPROVED

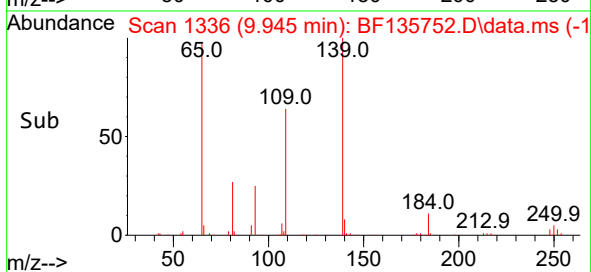
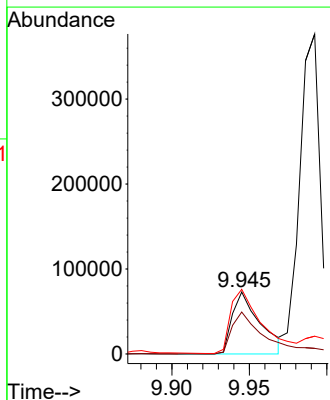
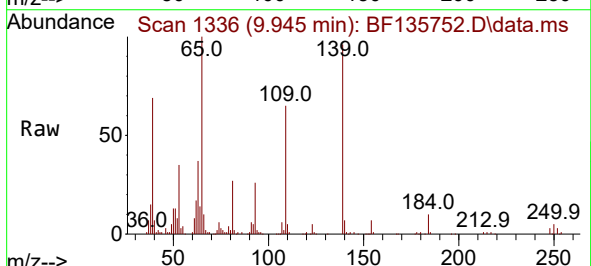
Reviewed By :Yogesh Patel 10/16/2023

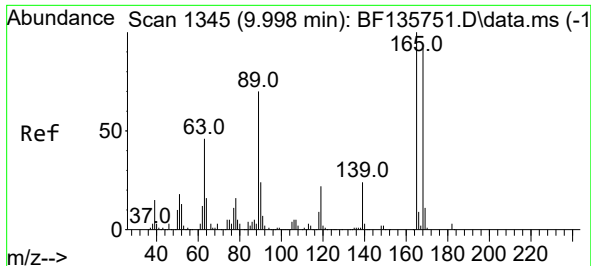
Supervised By :mohammad ahmed 10/17/2023



#56
4-Nitrophenol
Concen: 48.415 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:139 Resp: 90156
Ion Ratio Lower Upper
139 100
109 67.6 45.6 85.6
65 104.4 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 45.498 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135752.D

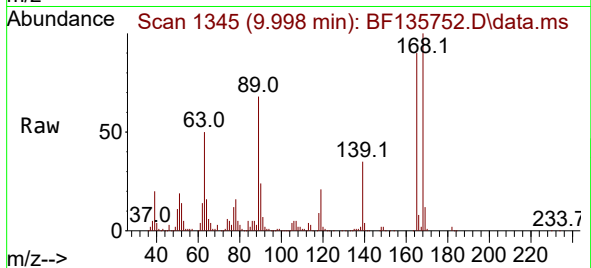
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:165 Resp: 20160

Ion Ratio Lower Upper

165 100

63 55.4 39.0 58.4

89 75.9 55.9 83.9

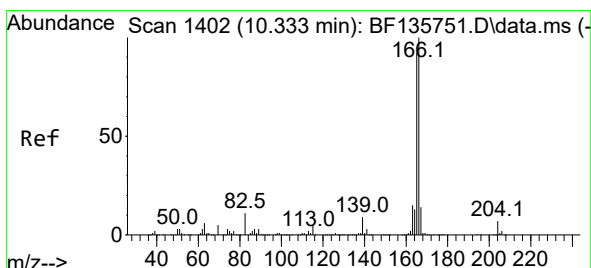
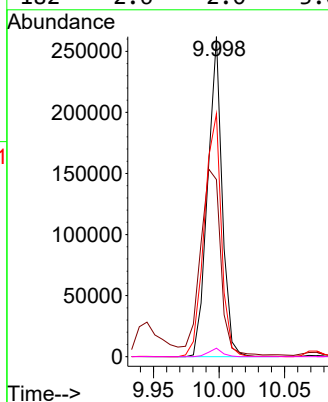
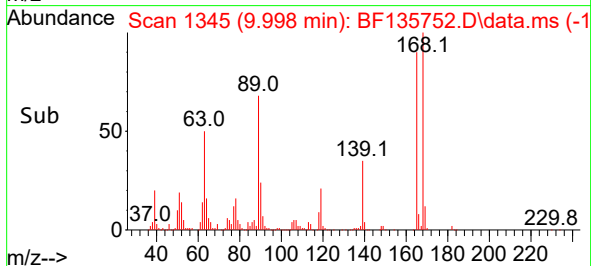
182 2.6 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#58

Fluorene

Concen: 44.802 ng

RT: 10.333 min Scan# 1402

Delta R.T. 0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

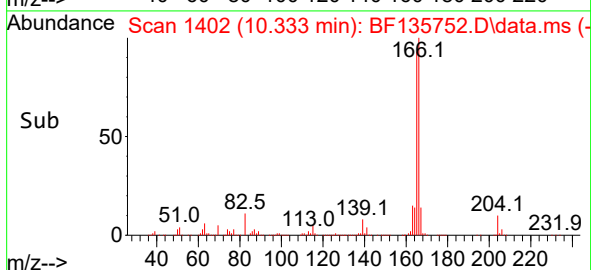
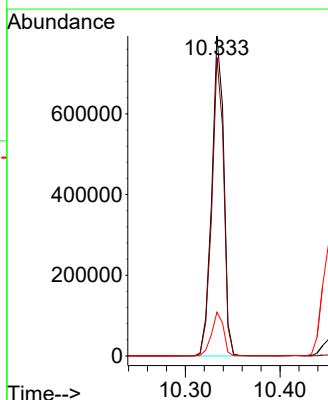
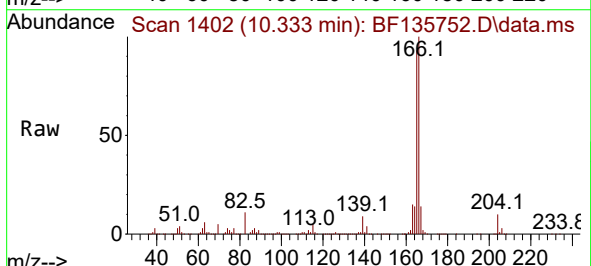
Tgt Ion:166 Resp: 695283

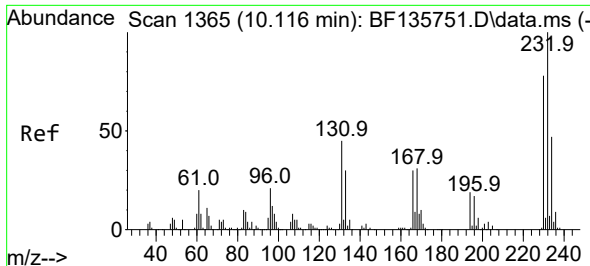
Ion Ratio Lower Upper

166 100

165 93.3 73.4 110.0

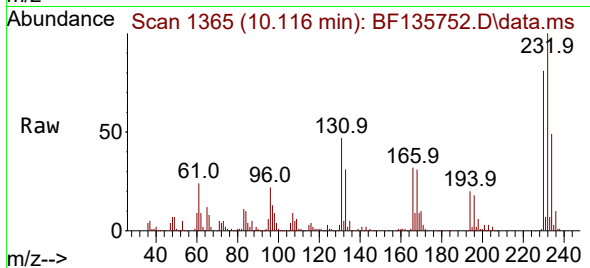
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.719 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

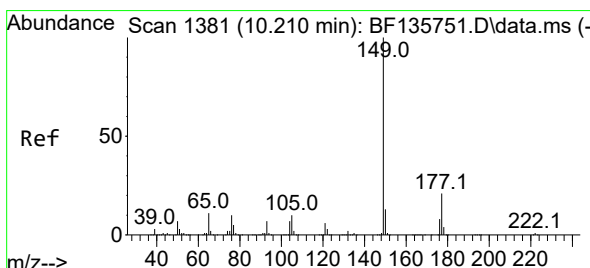
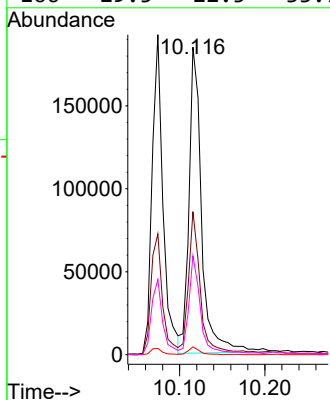
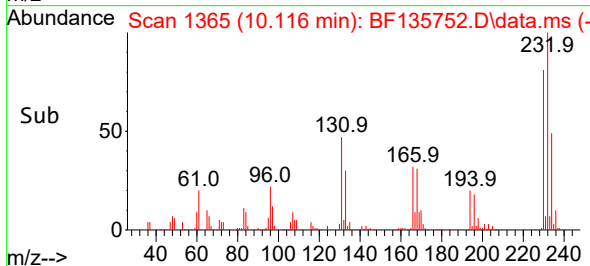
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



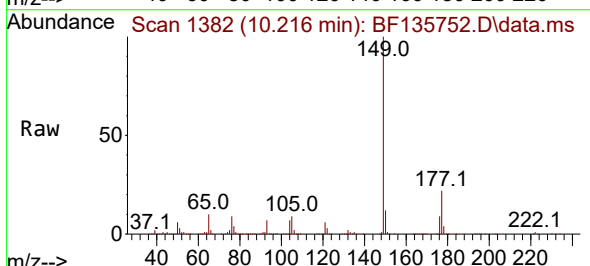
Tgt Ion:232 Resp: 190448
Ion Ratio Lower Upper
232 100
131 42.4 35.8 53.6
130 2.2 1.9 2.9
166 29.5 22.5 33.7

Manual Integrations
APPROVED

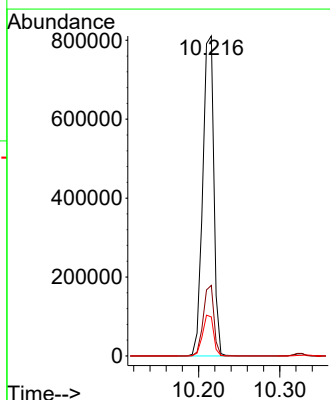
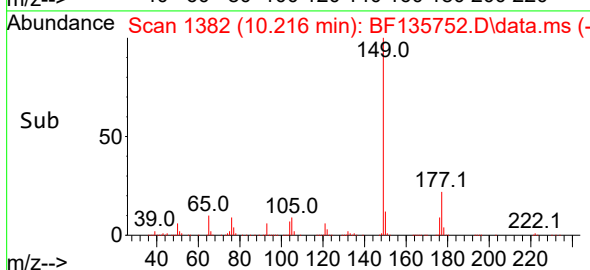
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

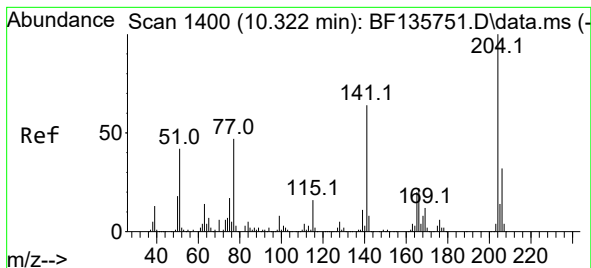


#60
Diethylphthalate
Concen: 46.412 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



Tgt Ion:149 Resp: 767402
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.624 ng
RT: 10.327 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

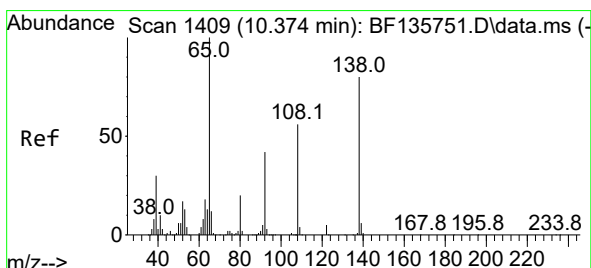
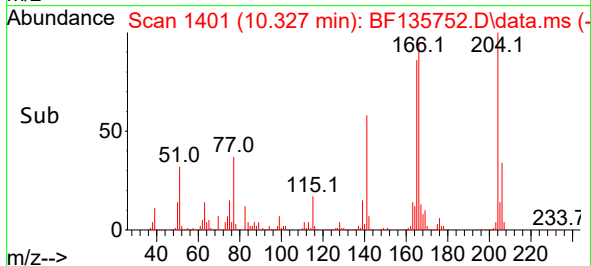
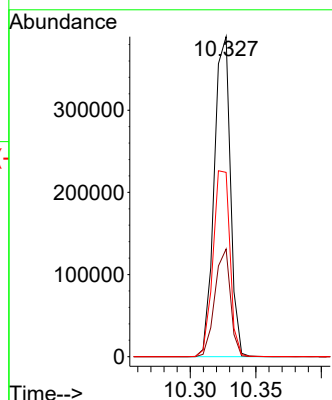
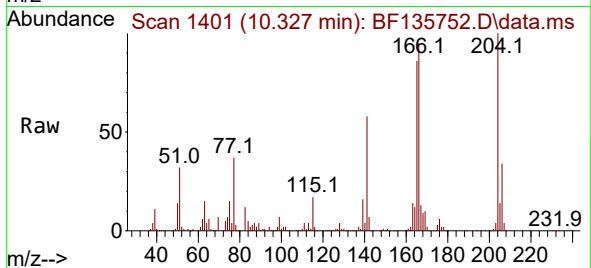
SSTDICC050

Tgt Ion:204 Resp: 334704
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 57.6 51.4 77.0

Manual Integrations

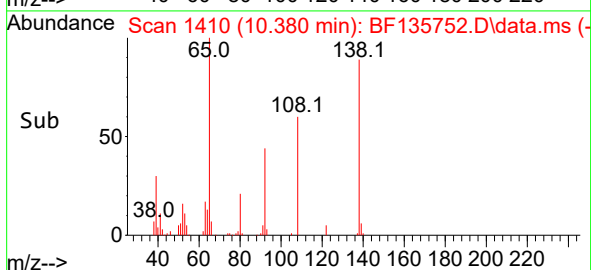
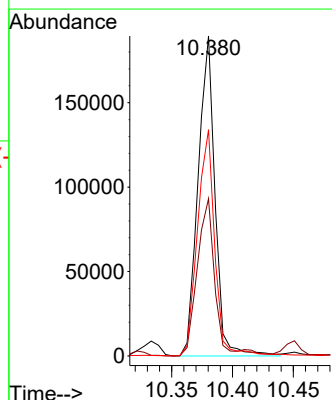
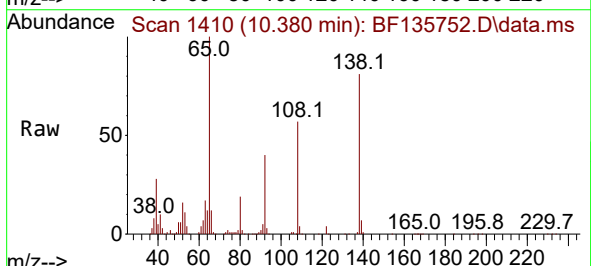
APPROVED

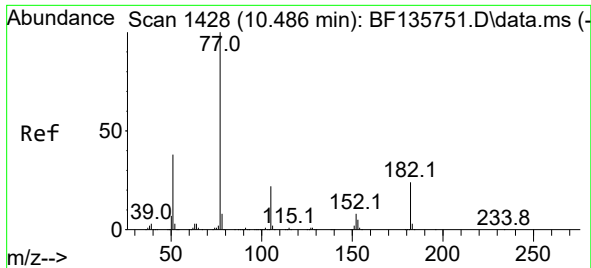
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#62
4-Nitroaniline
Concen: 46.889 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

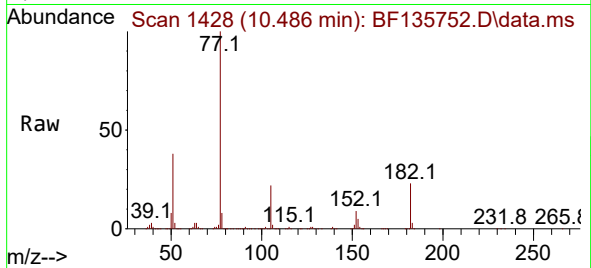
Tgt Ion:138 Resp: 184195
Ion Ratio Lower Upper
138 100
92 49.2 31.9 71.9
108 70.7 49.7 89.7





#63
Azobenzene
Concen: 45.422 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

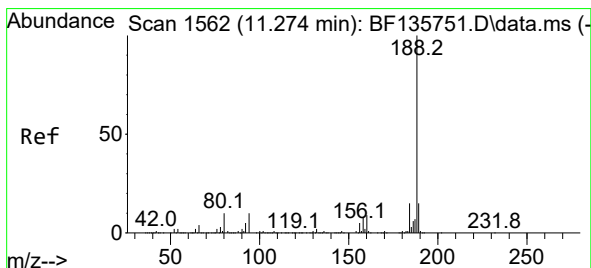
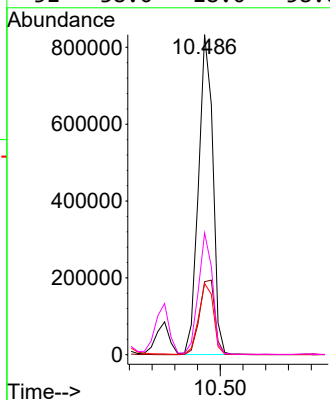
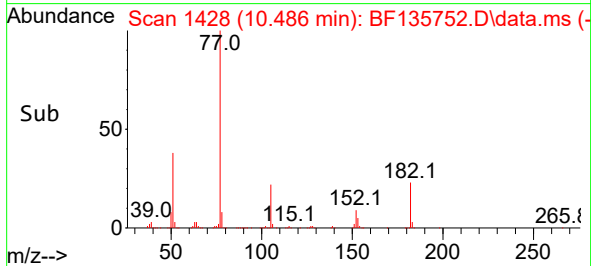
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



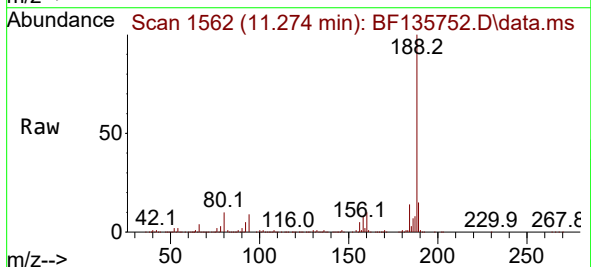
Tgt Ion: 77 Resp: 72966
Ion Ratio Lower Upper
77 100
182 22.8 3.5 43.5
105 22.3 2.2 42.2
51 38.0 18.0 58.0

Manual Integrations
APPROVED

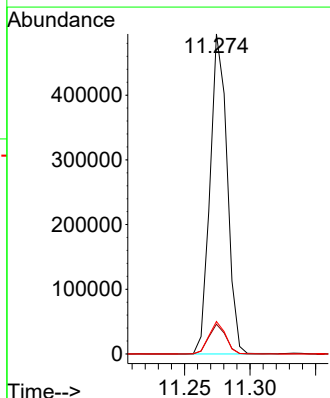
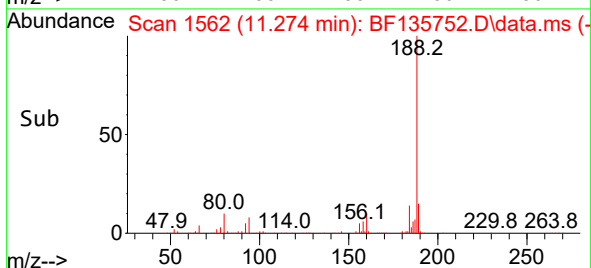
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

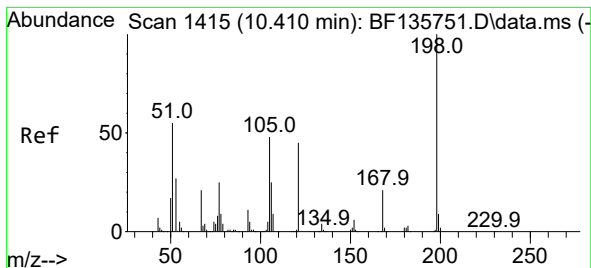


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



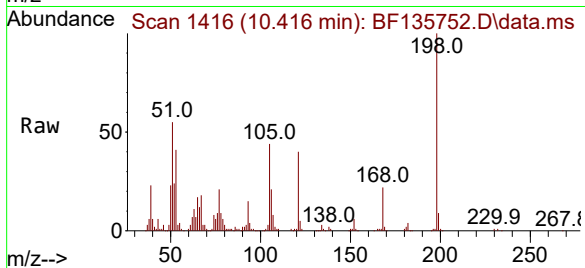
Tgt Ion:188 Resp: 449337
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.1 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 52.337 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

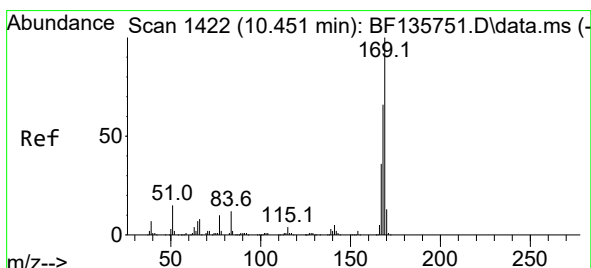
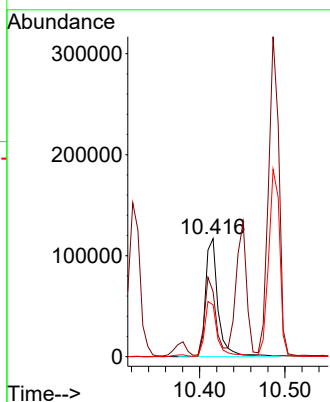
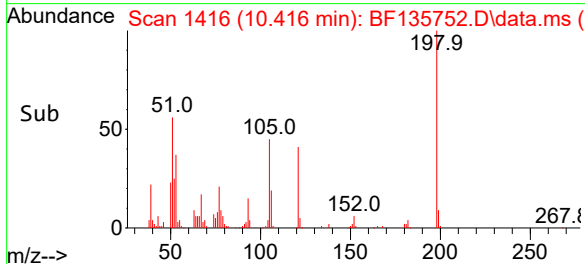
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 118352
Ion Ratio Lower Upper
198 100
51 55.0 47.6 87.6
105 43.9 29.2 69.2

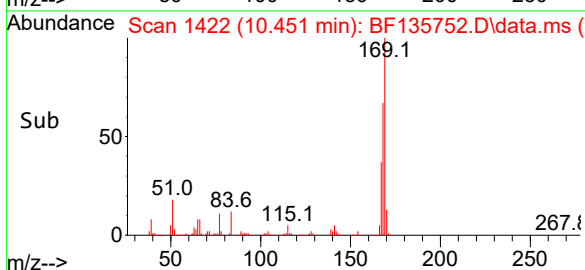
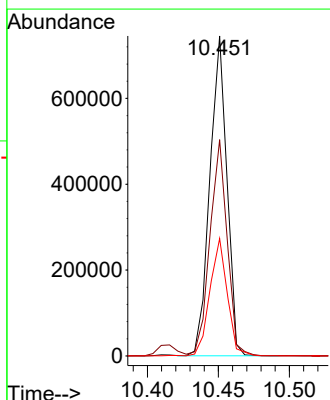
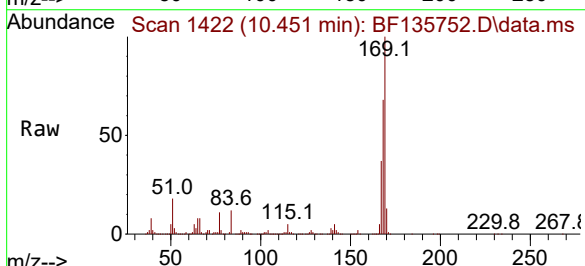
Manual Integrations
APPROVED

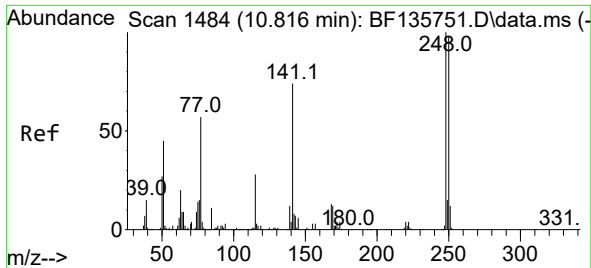
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#66
n-Nitrosodiphenylamine
Concen: 45.357 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

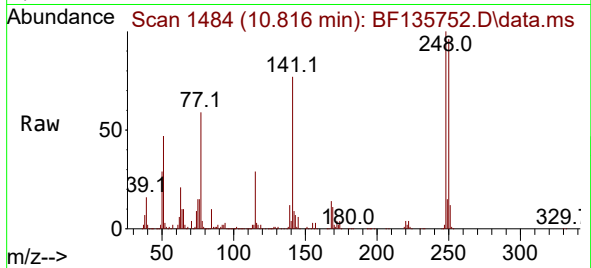
Tgt Ion:169 Resp: 621192
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.901 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

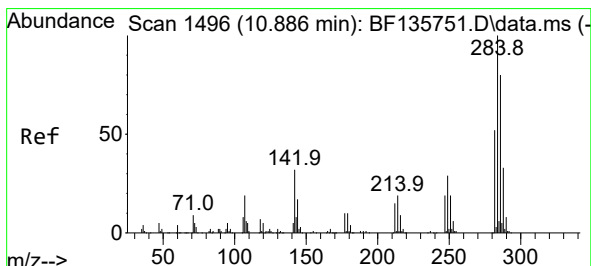
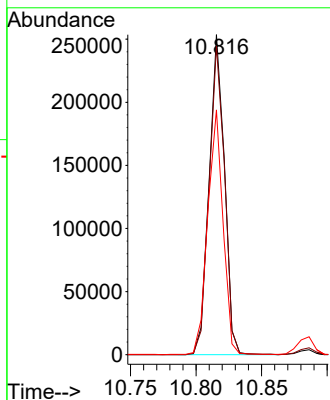
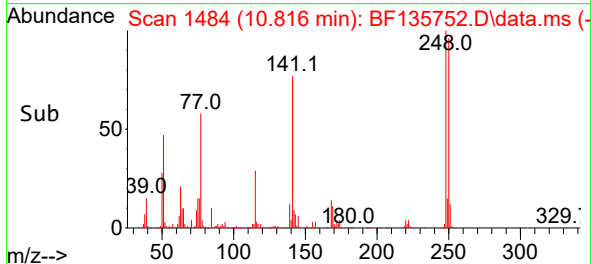
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 207038
Ion Ratio Lower Upper
248 100
250 96.5 78.0 117.0
141 76.5 59.0 88.6

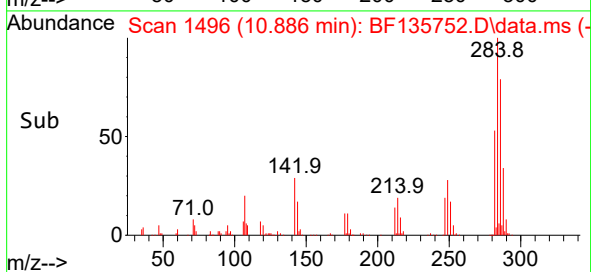
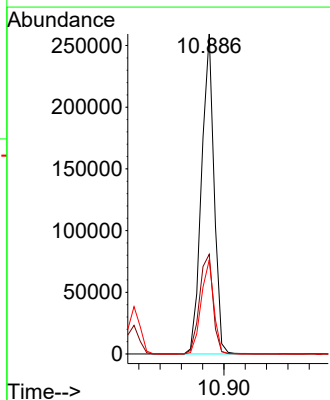
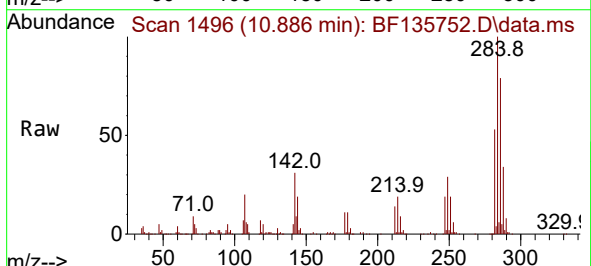
Manual Integrations
APPROVED

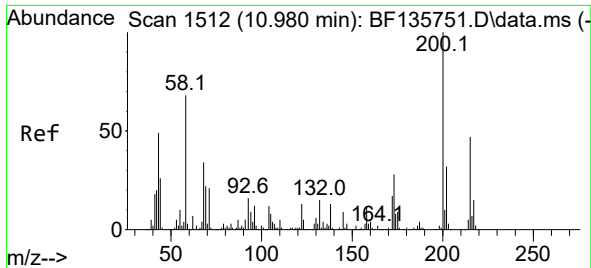
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#68
Hexachlorobenzene
Concen: 46.276 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

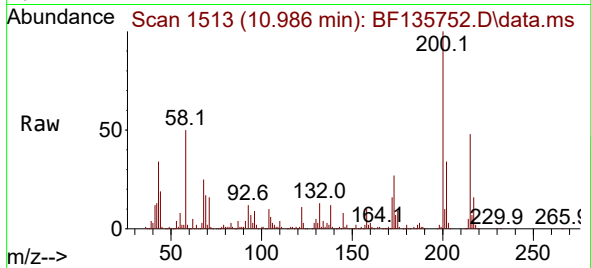
Tgt Ion:284 Resp: 212511
Ion Ratio Lower Upper
284 100
142 31.1 25.3 37.9
249 29.4 23.5 35.3





#69
 Atrazine
 Concen: 44.673 ng
 RT: 10.986 min Scan# 1512
 Delta R.T. 0.006 min
 Lab File: BF135752.D
 Acq: 13 Oct 2023 14:24

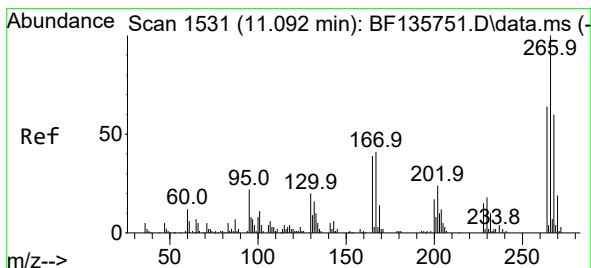
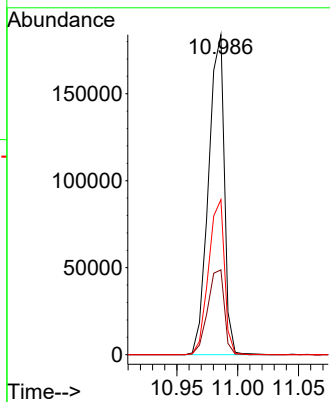
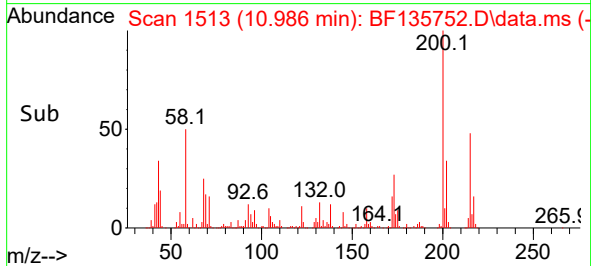
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



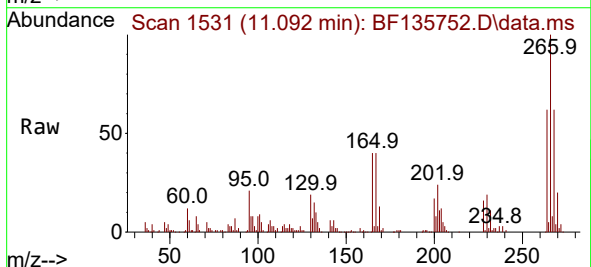
Tgt Ion:200 Resp: 166419
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.6 47.6
 215 48.4 27.1 67.1

Manual Integrations
 APPROVED

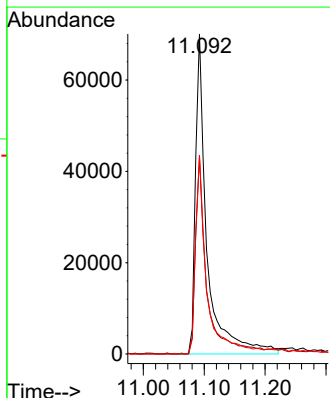
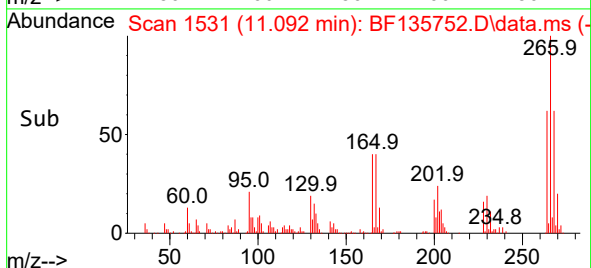
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

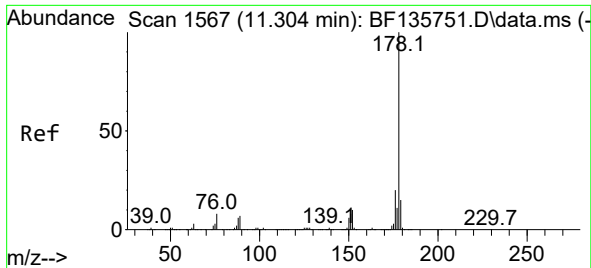


#70
 Pentachlorophenol
 Concen: 51.673 ng
 RT: 11.092 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BF135752.D
 Acq: 13 Oct 2023 14:24



Tgt Ion:266 Resp: 92276
 Ion Ratio Lower Upper
 266 100
 268 61.7 47.7 71.5
 264 62.1 51.4 77.2





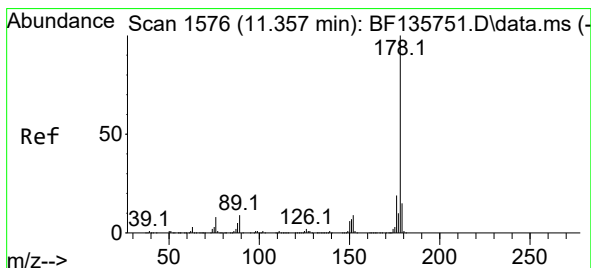
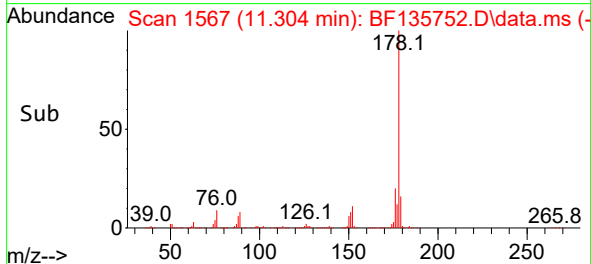
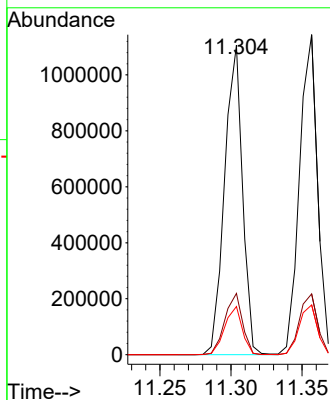
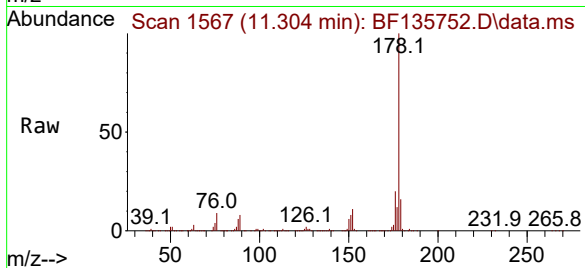
#71
Phenanthrene
Concen: 44.966 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 967908
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.6 12.2 18.4

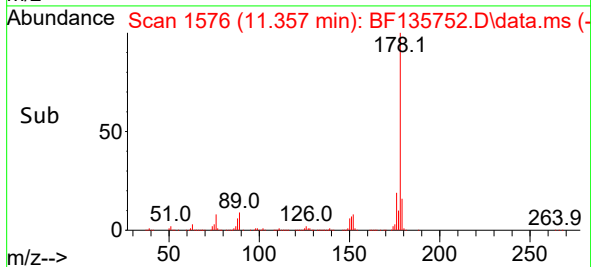
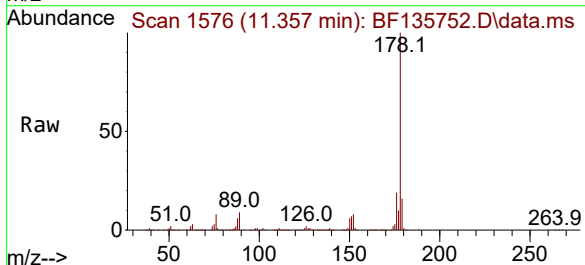
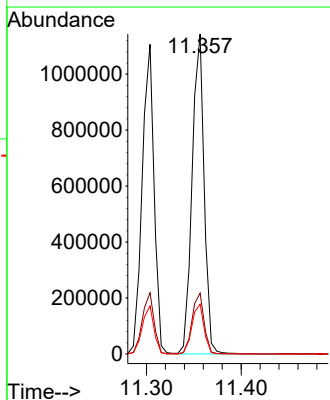
Manual Integrations
APPROVED

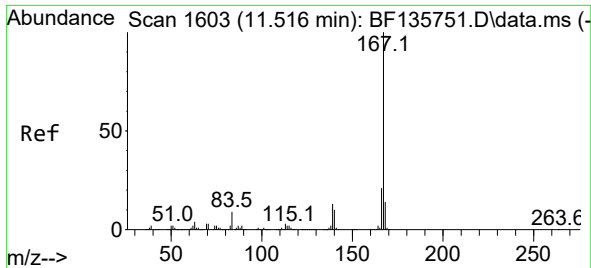
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#72
Anthracene
Concen: 45.367 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

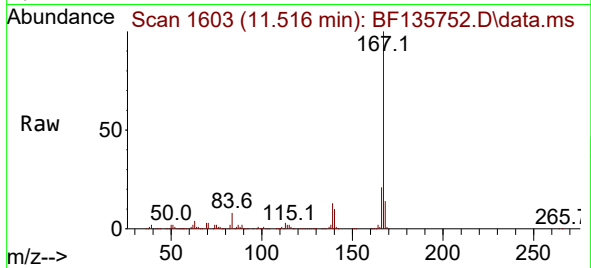
Tgt Ion:178 Resp: 1011915
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 45.680 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.000 min
 Lab File: BF135752.D
 Acq: 13 Oct 2023 14:24

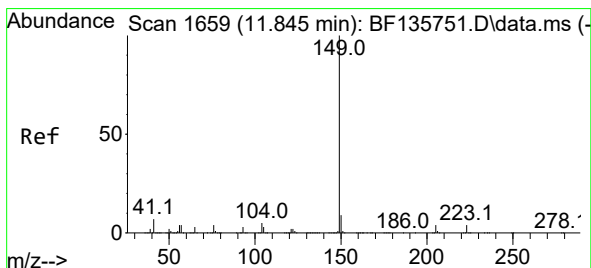
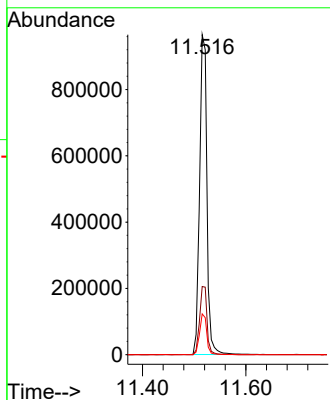
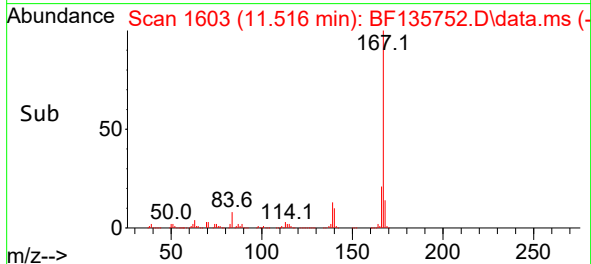
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



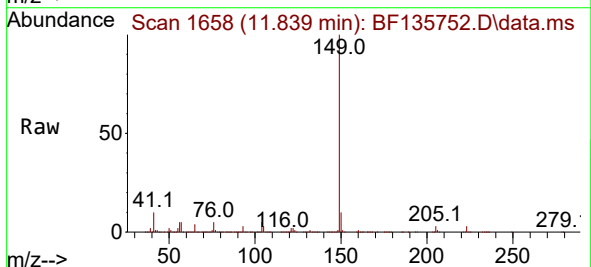
Tgt Ion:167 Resp: 950263
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.7 10.2 15.4

Manual Integrations
 APPROVED

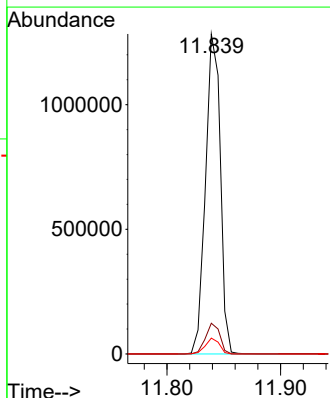
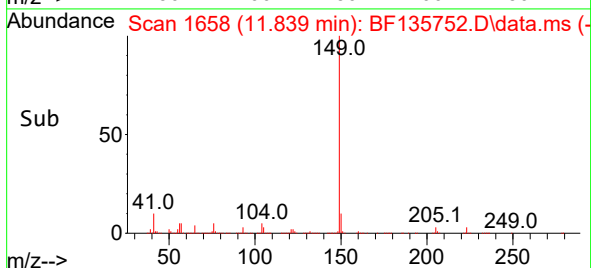
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

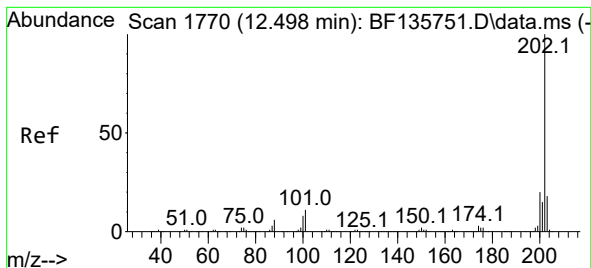


#74
 Di-n-butylphthalate
 Concen: 45.438 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135752.D
 Acq: 13 Oct 2023 14:24



Tgt Ion:149 Resp: 1160537
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.0 3.7 5.5





#75

Fluoranthene

Concen: 45.709 ng

RT: 12.498 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:202 Resp: 109199

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

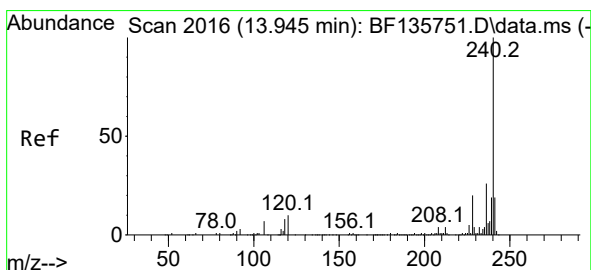
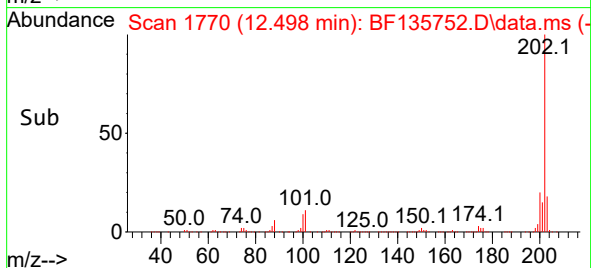
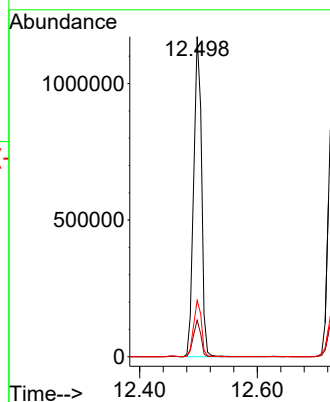
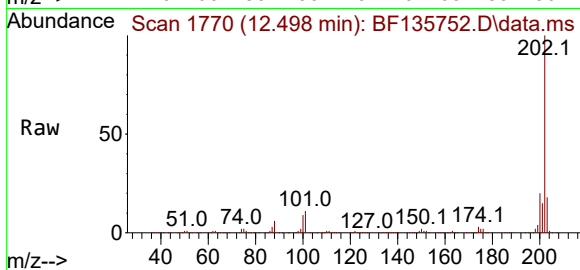
203 17.5 0.0 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

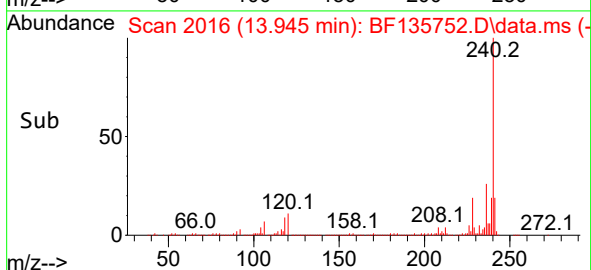
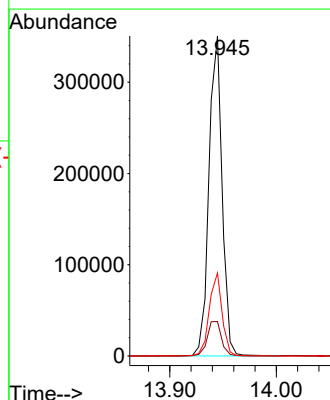
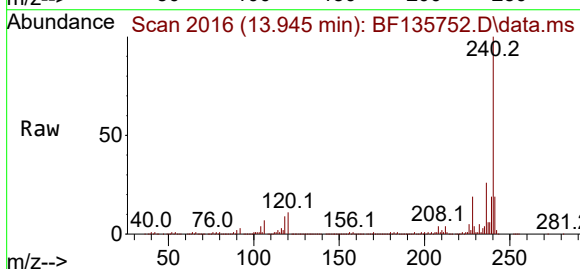
Tgt Ion:240 Resp: 301874

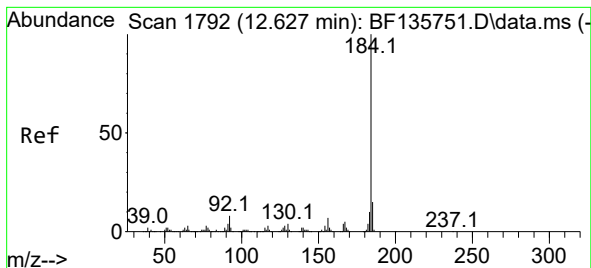
Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

236 26.0 21.2 31.8





#77

Benzidine

Concen: 36.438 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

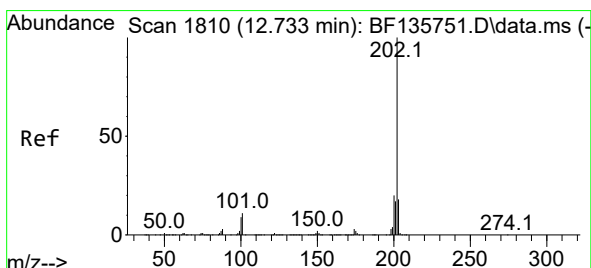
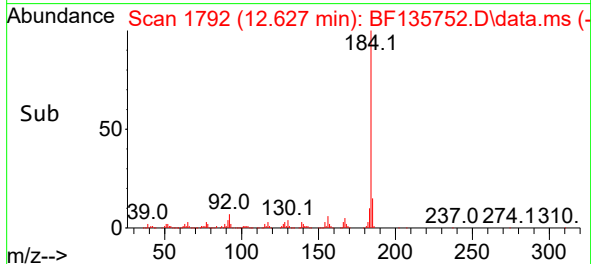
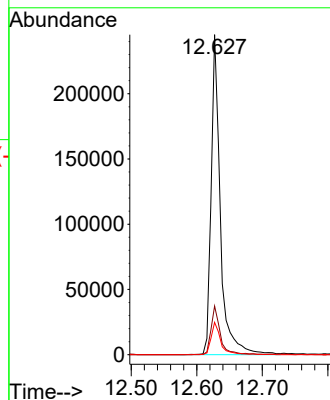
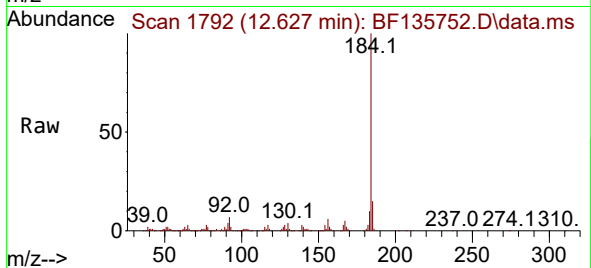
Tgt Ion:184	Resp: 24002
Ion Ratio	Lower Upper
184	100
185	15.2 12.0 18.0
183	10.1 8.2 12.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#78

Pyrene

Concen: 46.627 ng

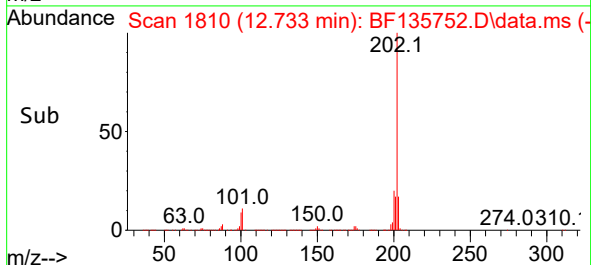
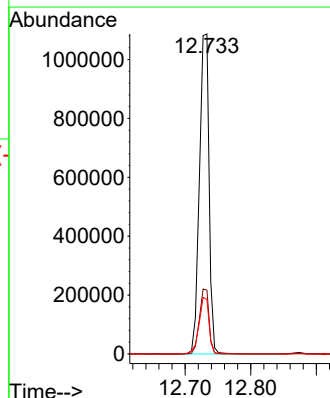
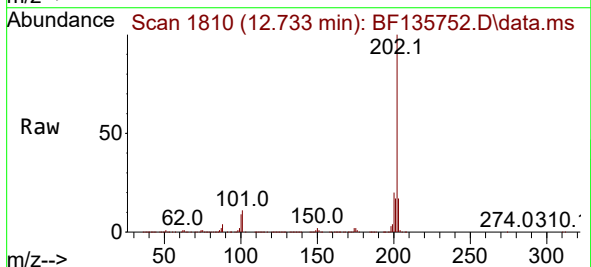
RT: 12.733 min Scan# 1810

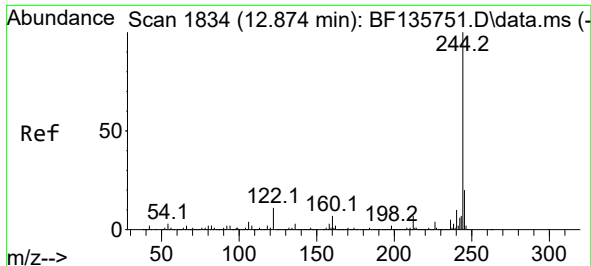
Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Tgt Ion:202	Resp: 1118511
Ion Ratio	Lower Upper
202	100
200	19.9 16.1 24.1
203	17.1 14.2 21.2





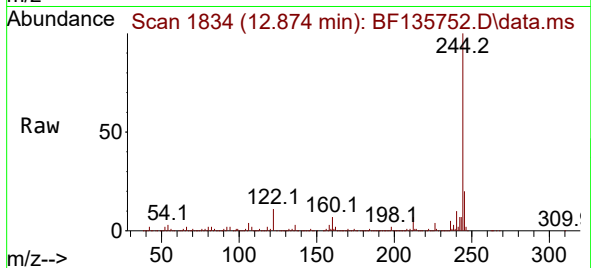
#79
 Terphenyl-d14
 Concen: 89.998 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: BF135752.D
 Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

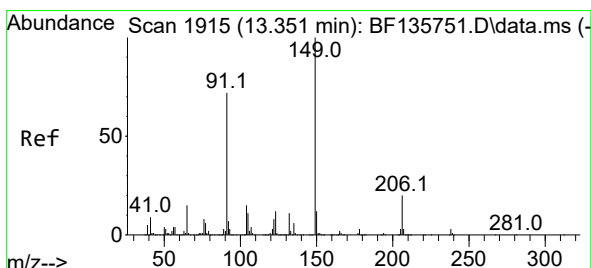
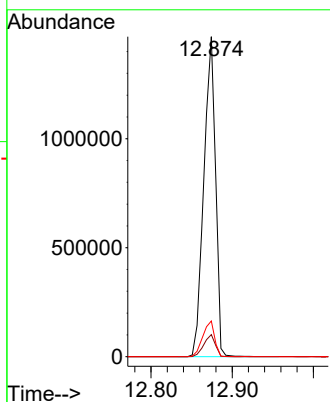
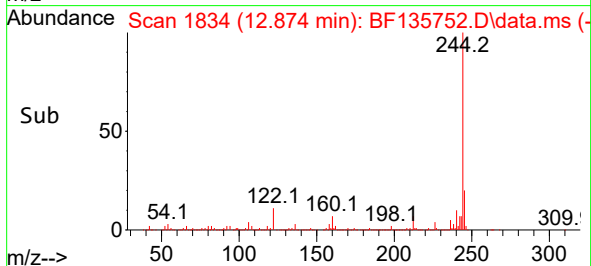


Tgt Ion:244 Resp: 1467029
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 9.0 13.6

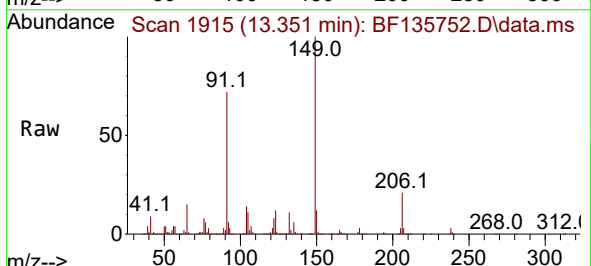
Manual Integrations

APPROVED

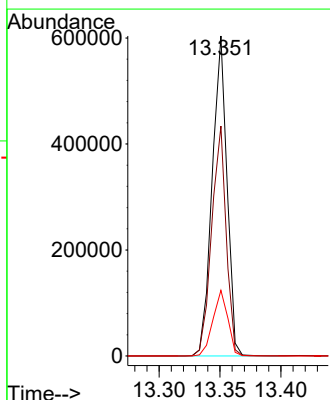
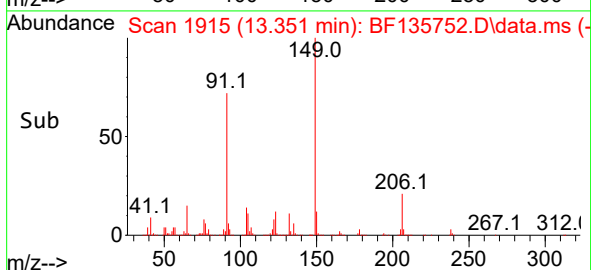
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

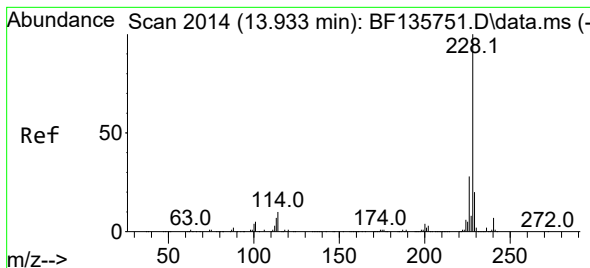


#80
 Butylbenzylphthalate
 Concen: 48.603 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BF135752.D
 Acq: 13 Oct 2023 14:24



Tgt Ion:149 Resp: 512341
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.4 86.0
 206 20.5 16.2 24.4





#81

Benzo(a)anthracene

Concen: 47.445 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 940750

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

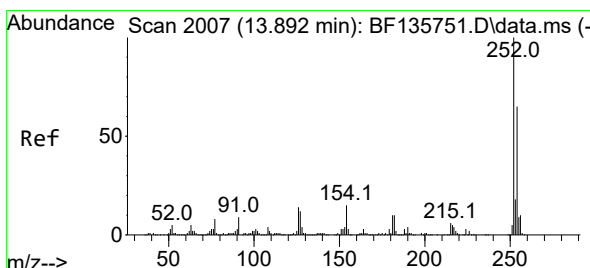
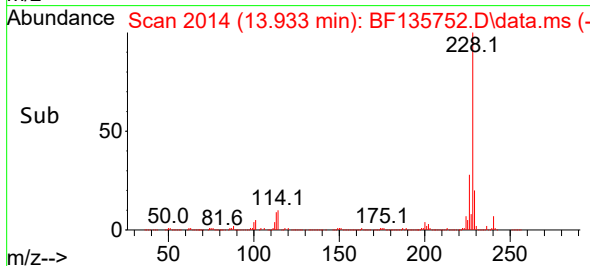
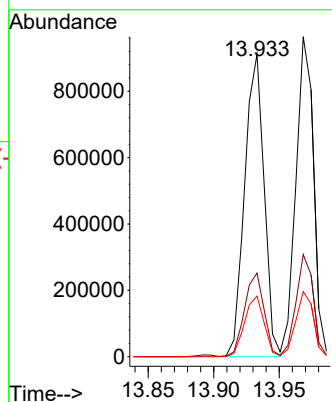
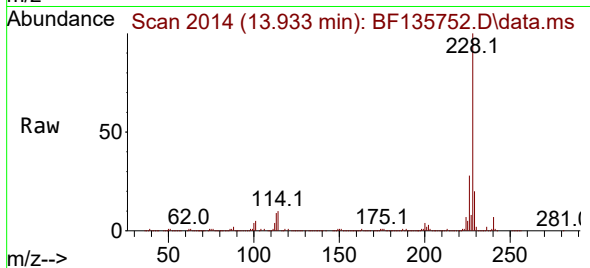
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#82

3,3'-Dichlorobenzidine

Concen: 45.691 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF135752.D

Acq: 13 Oct 2023 14:24

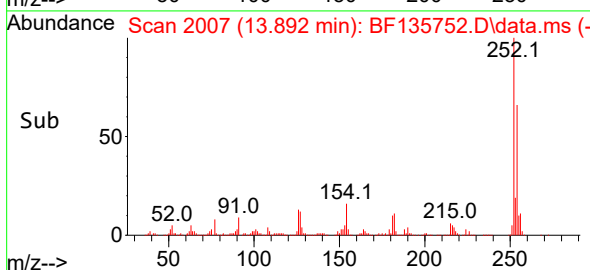
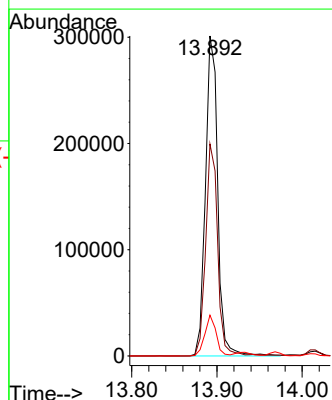
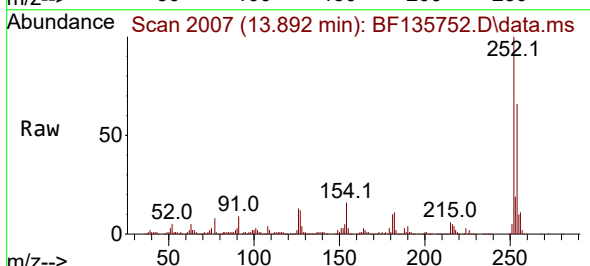
Tgt Ion:252 Resp: 300466

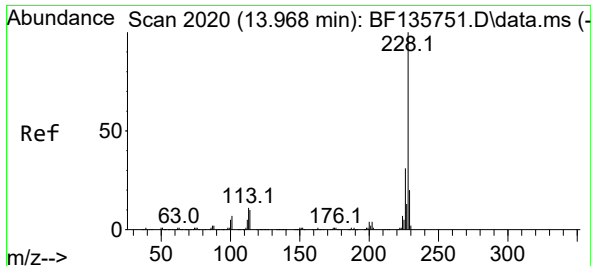
Ion Ratio Lower Upper

252 100

254 66.3 51.8 77.6

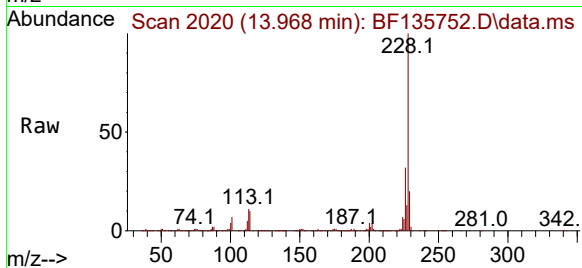
126 12.7 11.0 16.4





#83
Chrysene
Concen: 46.963 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

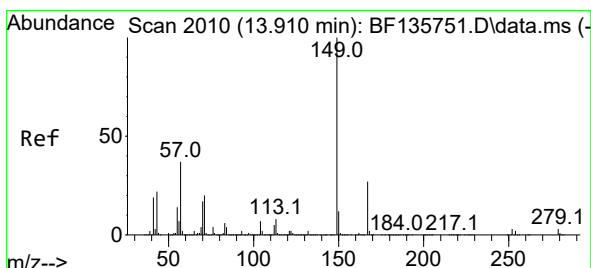
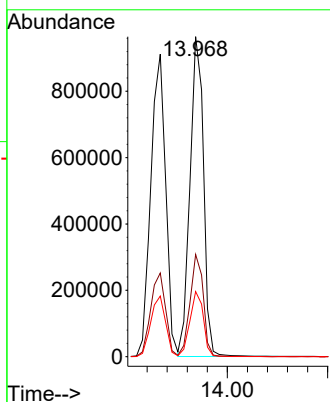
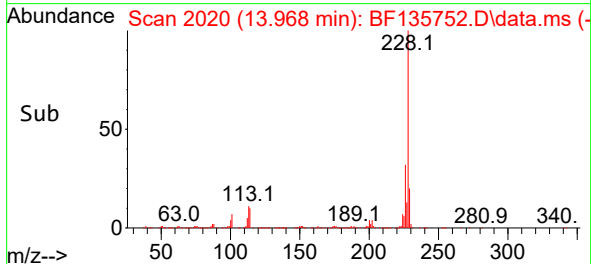
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



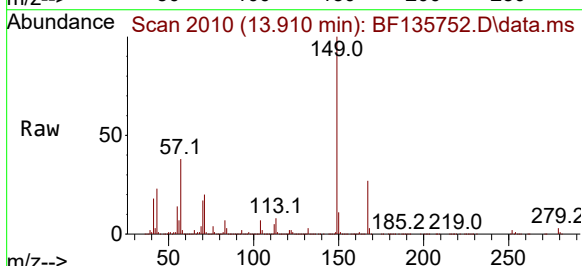
Tgt Ion:228 Resp: 901934
Ion Ratio Lower Upper
228 100
226 32.0 24.4 36.6
229 20.4 15.7 23.5

Manual Integrations
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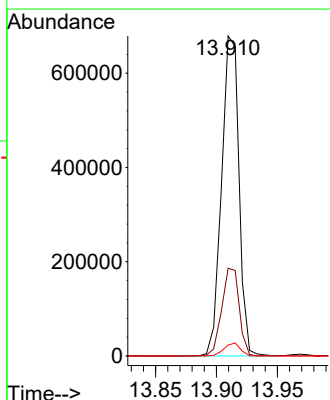
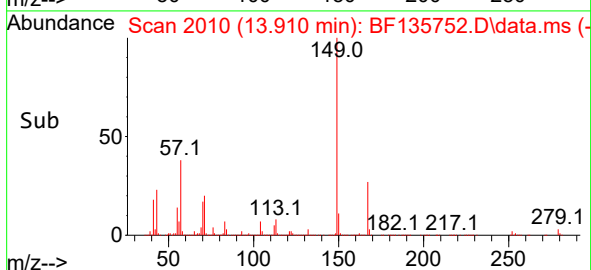
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

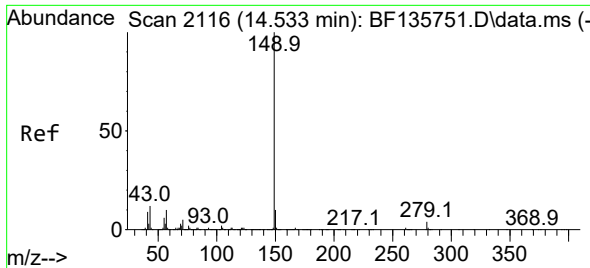


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.403 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24



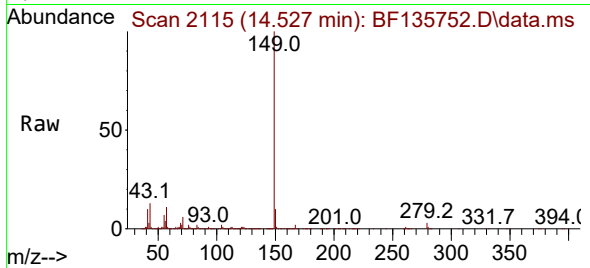
Tgt Ion:149 Resp: 677243
Ion Ratio Lower Upper
149 100
167 27.4 21.3 31.9
279 3.4 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 45.860 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

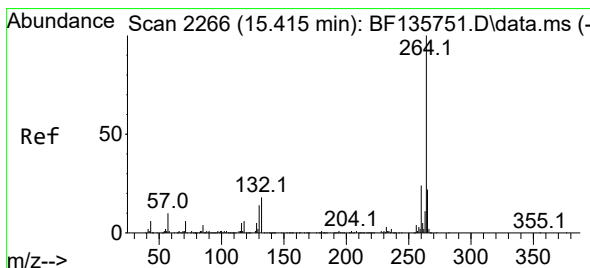
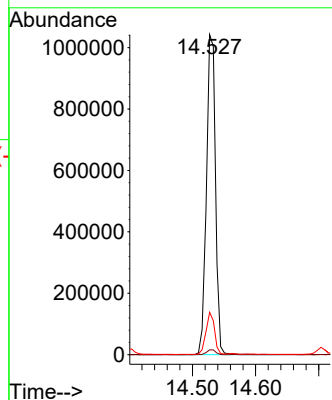
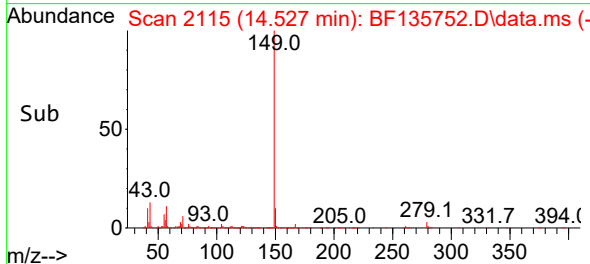
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 1038964
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.4 10.1 15.1

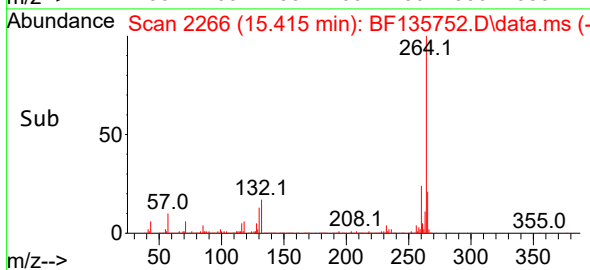
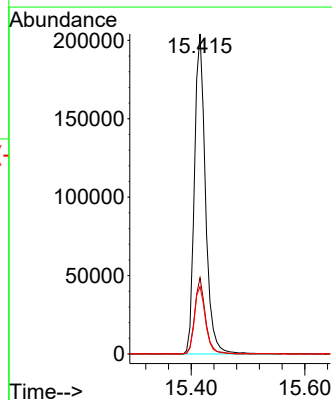
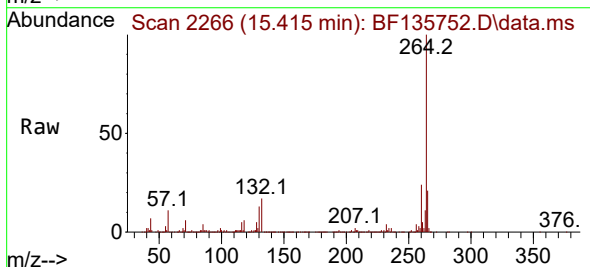
Manual Integrations
APPROVED

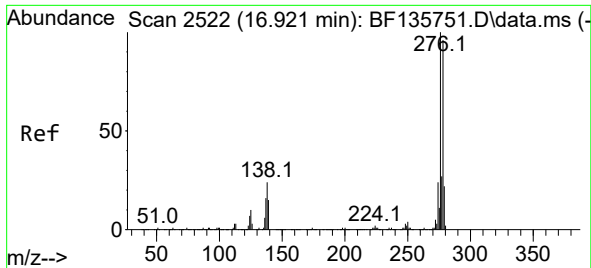
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:264 Resp: 276536
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.872 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

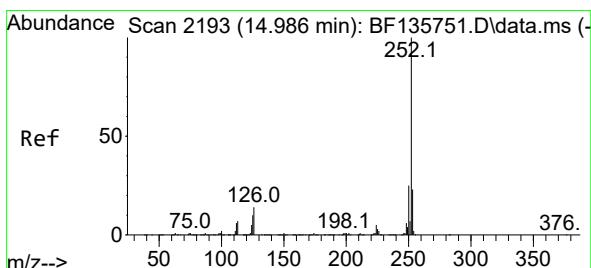
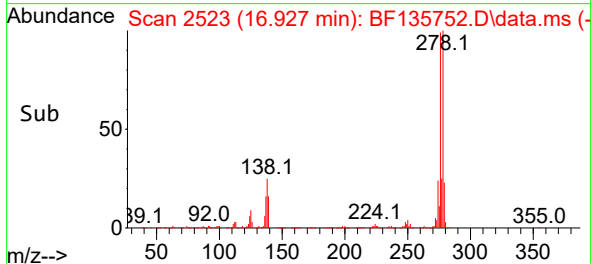
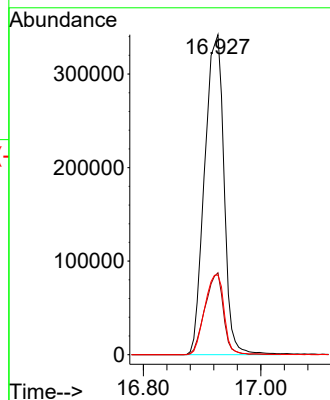
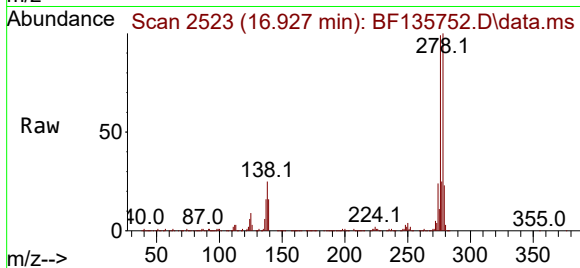
SSTDICC050

Tgt Ion:276 Resp: 781592
Ion Ratio Lower Upper
276 100
138 24.2 19.8 29.6
277 25.2 20.2 30.4

Manual Integrations

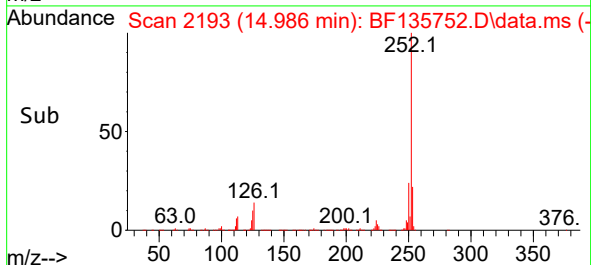
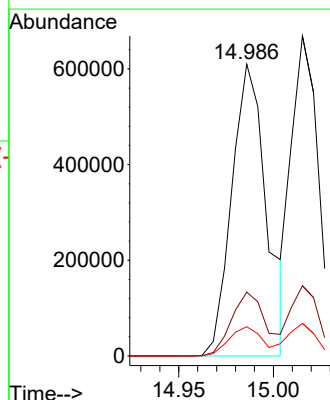
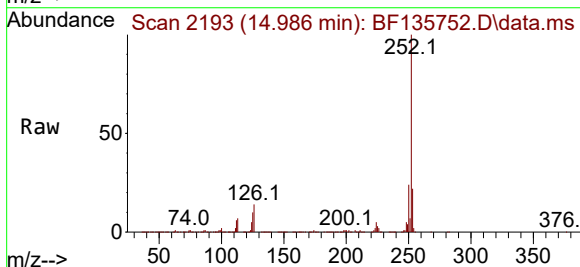
APPROVED

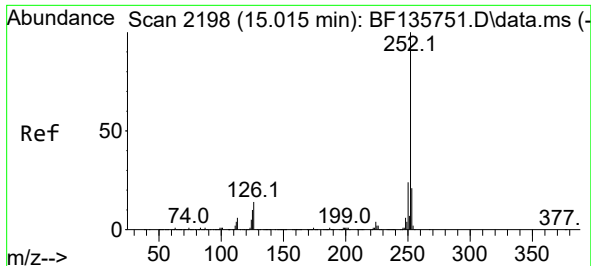
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#88
Benzo(b)fluoranthene
Concen: 50.176 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:252 Resp: 776560
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.0 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 45.201 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

ClientSampleId :

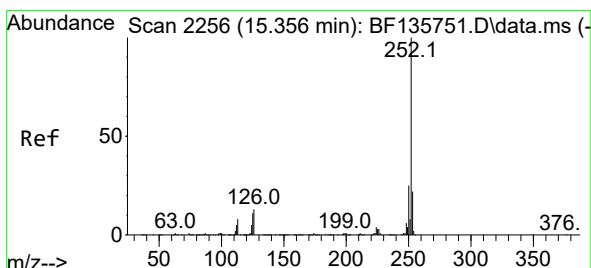
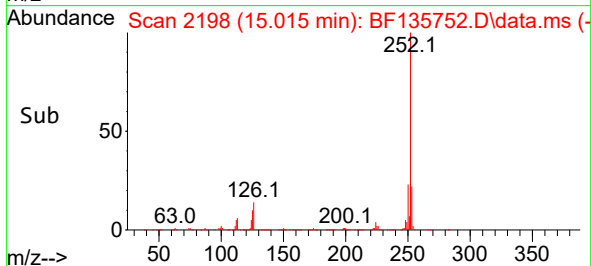
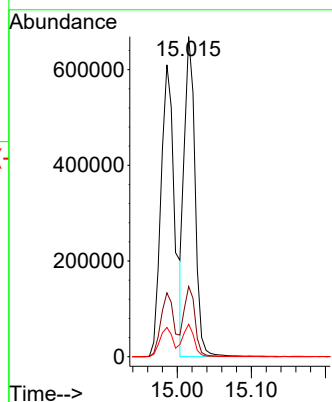
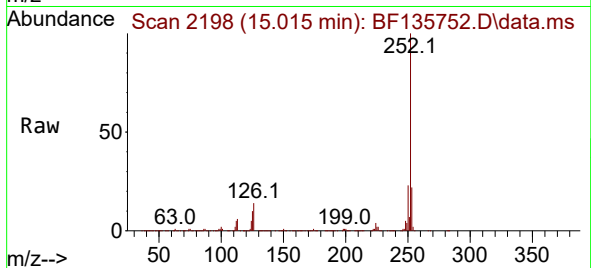
SSTDICC050

Tgt Ion:252 Resp: 67917
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.1 8.3 12.5

Manual Integrations

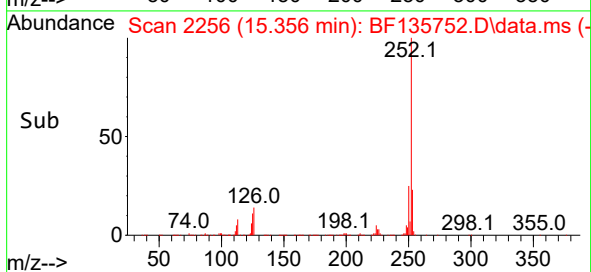
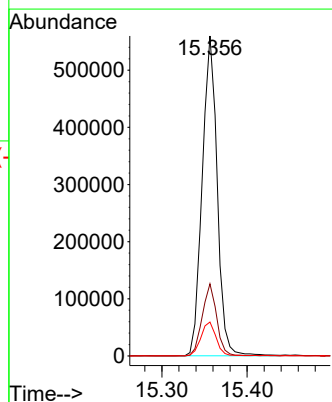
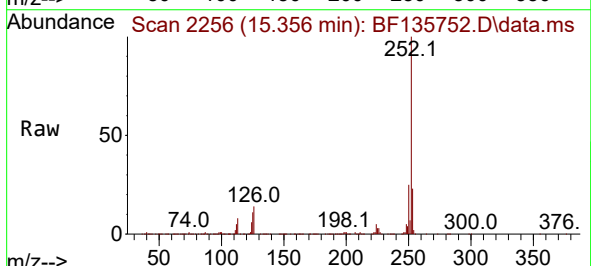
APPROVED

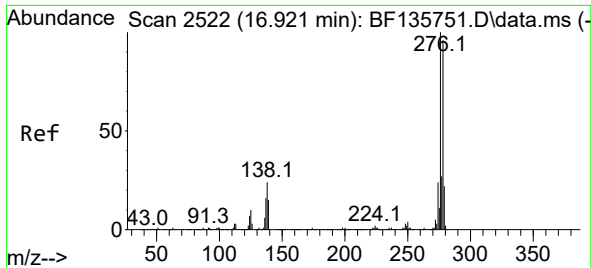
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#90
Benzo(a)pyrene
Concen: 47.054 ng
RT: 15.356 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:252 Resp: 684800
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 51.501 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Instrument :

BNA_F

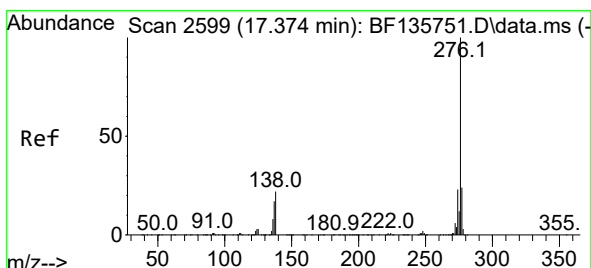
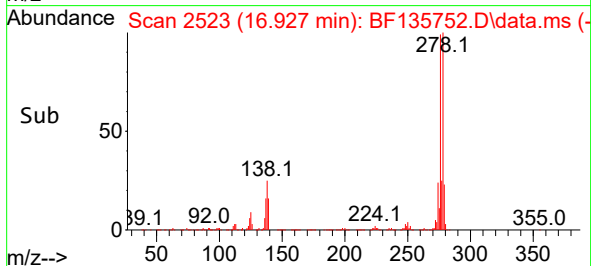
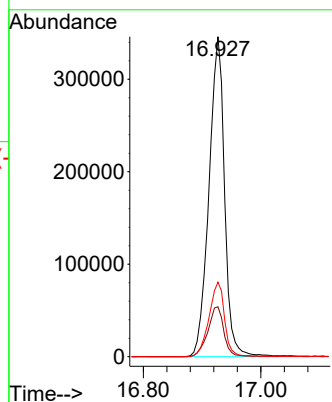
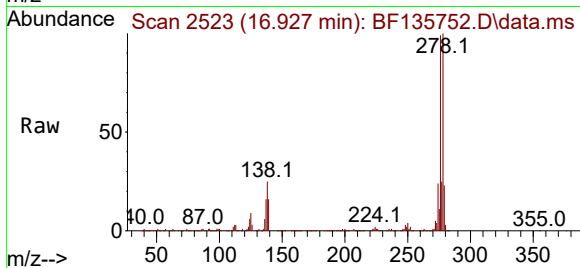
ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 63615
Ion Ratio Lower Upper
278 100
139 15.6 12.5 18.7
279 23.3 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#92
Benzo(g,h,i)perylene
Concen: 54.198 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF135752.D
Acq: 13 Oct 2023 14:24

Tgt Ion:276 Resp: 687680
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.2
138 21.7 17.3 25.9

