

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135856.D
 Acq On : 18 Oct 2023 19:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 19 01:42:19 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 17 01:22:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	91107	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	363289	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	169658	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	334686	20.000	ng	0.00
76) Chrysene-d12	13.939	240	182831	20.000	ng	-0.01
86) Perylene-d12	15.415	264	182395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	485947	85.754	ng	0.00
7) Phenol-d6	6.398	99	543025	76.801	ng	0.00
23) Nitrobenzene-d5	7.310	82	527660	79.884	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	158625	97.435	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	907354	83.619	ng	0.00
79) Terphenyl-d14	12.868	244	1072946	108.680	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.410	88	133448	48.823	ng	99
3) Pyridine	3.163	79	263018	39.219	ng	94
4) n-Nitrosodimethylamine	3.140	42	148703	41.232	ng	97
6) Aniline	6.410	93	343434	38.597	ng	# 74
8) 2-Chlorophenol	6.534	128	239033	39.116	ng	97
9) Benzaldehyde	6.298	77	156932	38.996	ng	98
10) Phenol	6.410	94	295395	39.872	ng	95
11) bis(2-Chloroethyl)ether	6.481	93	225515	37.778	ng	98
12) 1,3-Dichlorobenzene	6.675	146	247420	39.938	ng	98
13) 1,4-Dichlorobenzene	6.757	146	247318	39.408	ng	99
14) 1,2-Dichlorobenzene	6.910	146	225654	39.933	ng	98
15) Benzyl Alcohol	6.898	79	192650	40.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	405491	37.558	ng	75
17) 2-Methylphenol	7.010	107	207976	39.314	ng	97
18) Hexachloroethane	7.239	117	92394	40.604	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	172297	39.411	ng	95
20) 3+4-Methylphenols	7.169	107	265506	40.259	ng	96
22) Acetophenone	7.157	105	332134	39.864	ng	98
24) Nitrobenzene	7.333	77	264559	39.907	ng	96
25) Isophorone	7.569	82	488837	39.228	ng	97
26) 2-Nitrophenol	7.645	139	135782	41.970	ng	98
27) 2,4-Dimethylphenol	7.686	122	215132	40.394	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	294393	39.669	ng	98
29) 2,4-Dichlorophenol	7.892	162	210206	42.117	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	216107	42.334	ng	98
31) Naphthalene	8.039	128	745509	42.072	ng	99
32) Benzoic acid	7.839	122	142205m	39.446	ng	
33) 4-Chloroaniline	8.104	127	333135	43.038	ng	97
34) Hexachlorobutadiene	8.151	225	133628	44.225	ng	99
35) Caprolactam	8.492	113	71029	41.629	ng	# 86
36) 4-Chloro-3-methylphenol	8.598	107	240156	43.389	ng	98
37) 2-Methylnaphthalene	8.733	142	505139	43.268	ng	100
38) 1-Methylnaphthalene	8.833	142	456268	42.373	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	217361	44.538	ng	100
41) Hexachlorocyclopentadiene	8.880	237	17918	36.477	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	129967	41.326	ng	100

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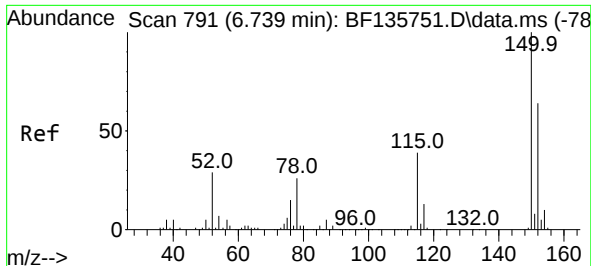
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 19 01:42:19 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	147008	40.190	ng	98
46) 1,1'-Biphenyl	9.198	154	546954	42.086	ng	98
47) 2-Chloronaphthalene	9.227	162	393801	42.045	ng	97
48) 2-Nitroaniline	9.339	65	157446	42.587	ng	99
49) Acenaphthylene	9.639	152	646314	41.698	ng	99
50) Dimethylphthalate	9.504	163	472954	41.295	ng	99
51) 2,6-Dinitrotoluene	9.580	165	105377	42.785	ng	98
52) Acenaphthene	9.810	154	387515	41.711	ng	98
53) 3-Nitroaniline	9.757	138	128600	42.594	ng	95
54) 2,4-Dinitrophenol	9.880	184	38376	37.327	ng #	83
55) Dibenzofuran	9.986	168	604846	43.148	ng	99
56) 4-Nitrophenol	9.951	139	40379	32.678	ng	95
57) 2,4-Dinitrotoluene	9.998	165	139708	44.587	ng	95
58) Fluorene	10.333	166	506510	46.154	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	115925	41.936	ng	99
60) Diethylphthalate	10.210	149	509050	43.537	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	244960	46.184	ng	94
62) 4-Nitroaniline	10.380	138	127645	45.950	ng	98
63) Azobenzene	10.486	77	528689	46.540	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	79079	46.949	ng	98
66) n-Nitrosodiphenylamine	10.445	169	471767	46.247	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	159568	47.495	ng	94
68) Hexachlorobenzene	10.880	284	161933	47.342	ng	93
69) Atrazine	10.980	200	126699	45.662	ng	98
70) Pentachlorophenol	11.092	266	48330	35.825	ng	98
71) Phenanthrene	11.298	178	665899	41.533	ng	99
72) Anthracene	11.351	178	700838	42.184	ng	100
73) Carbazole	11.516	167	650895	42.007	ng	100
74) Di-n-butylphthalate	11.839	149	811784	42.671	ng	100
75) Fluoranthene	12.498	202	801276	45.029	ng	98
77) Benzidine	12.627	184	193104	48.403	ng	99
78) Pyrene	12.727	202	805492	55.441	ng	100
80) Butylbenzylphthalate	13.345	149	281217	44.047	ng	99
81) Benzo(a)anthracene	13.927	228	509866	42.457	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	158454	39.784	ng #	97
83) Chrysene	13.968	228	475357	40.867	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	336952	38.940	ng #	96
85) Di-n-octyl phthalate	14.527	149	518003	37.752	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	531368	53.467	ng	98
88) Benzo(b)fluoranthene	14.986	252	406808	39.852	ng	99
89) Benzo(k)fluoranthene	15.015	252	440325	44.430	ng	99
90) Benzo(a)pyrene	15.356	252	383999	40.004	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	443702	54.461	ng	99
92) Benzo(g,h,i)perylene	17.380	276	484665	57.913	ng	96

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



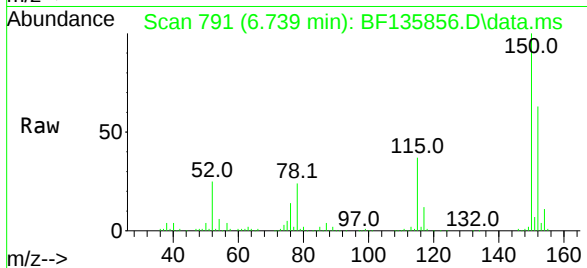
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

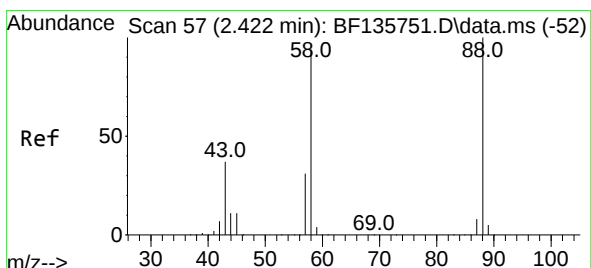
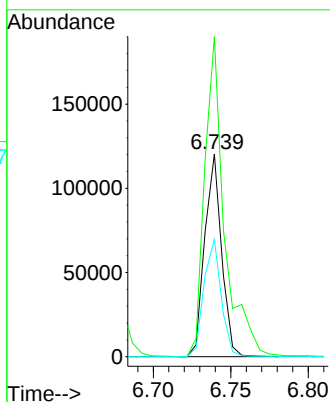
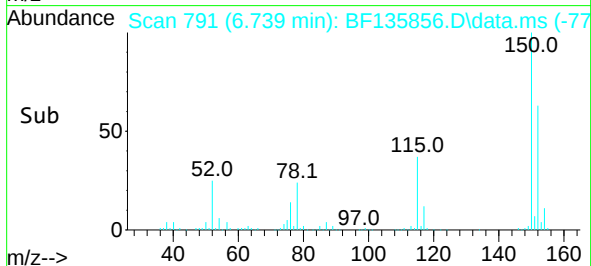


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Ion Ratio Lower Upper
152 100
150 157.8 124.5 186.7
115 57.9 49.0 73.4

Manual Integrations

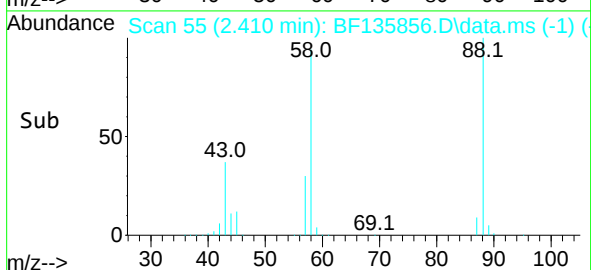
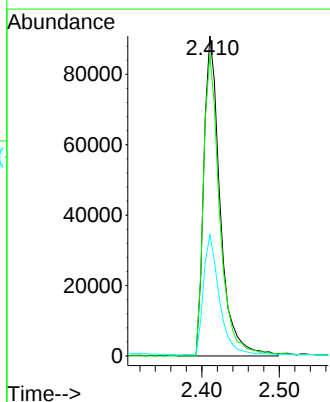
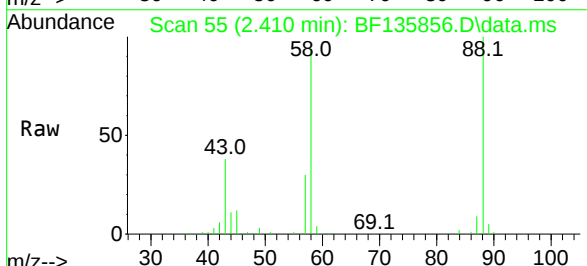
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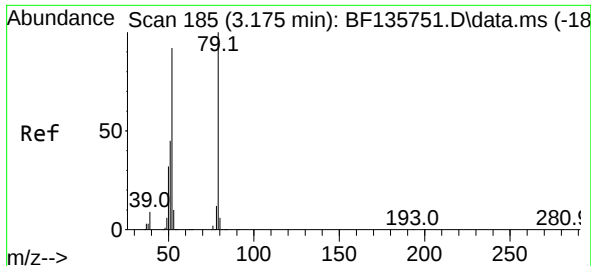
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#2
1,4-Dioxane
Concen: 48.823 ng
RT: 2.410 min Scan# 55
Delta R.T. -0.030 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

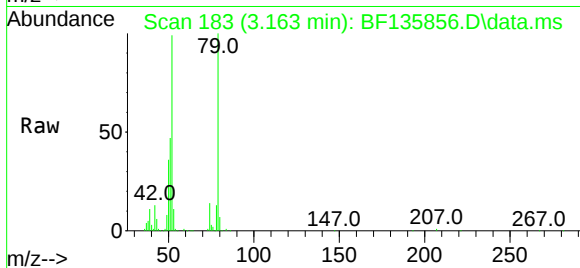
Tgt Ion: 88 Resp: 133448
Ion Ratio Lower Upper
88 100
58 94.2 76.1 114.1
43 36.4 29.8 44.8





#3
Pyridine
Concen: 39.219 ng
RT: 3.163 min Scan# 185
Delta R.T. -0.024 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

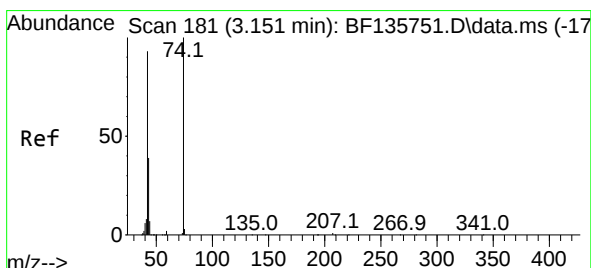
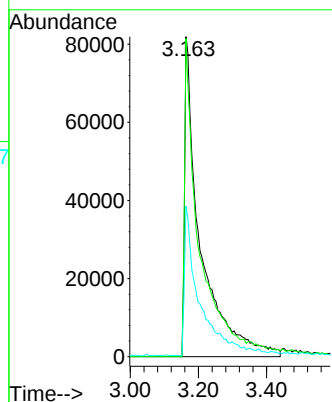
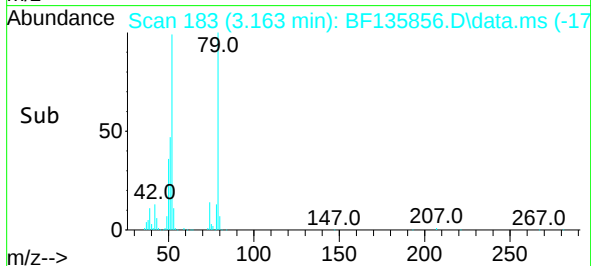
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



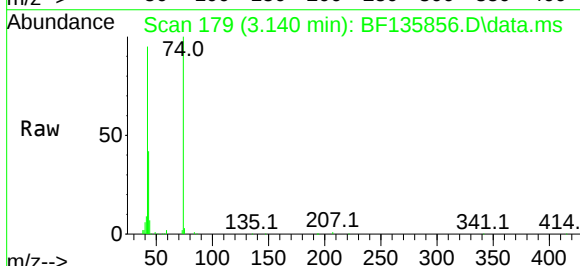
Tgt Ion: 79 Resp: 263018
Ion Ratio Lower Upper
79 100
52 99.5 73.4 110.2
51 47.0 36.5 54.7

Manual Integrations
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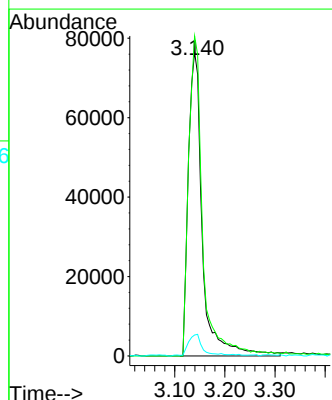
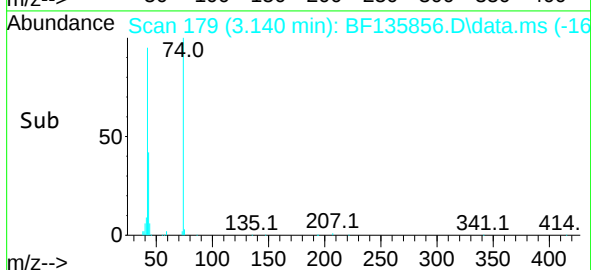
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

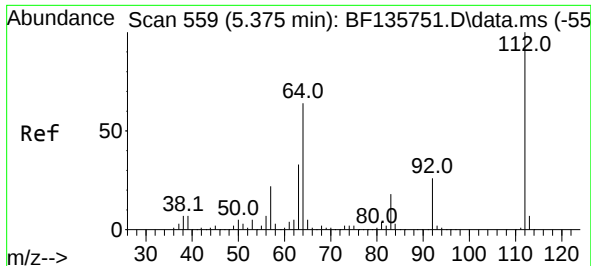


#4
n-Nitrosodimethylamine
Concen: 41.232 ng
RT: 3.140 min Scan# 179
Delta R.T. -0.030 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion: 42 Resp: 148703
Ion Ratio Lower Upper
42 100
74 105.3 86.5 129.7
44 6.9 5.9 8.9





#5
2-Fluorophenol
Concen: 85.754 ng
RT: 5.375 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

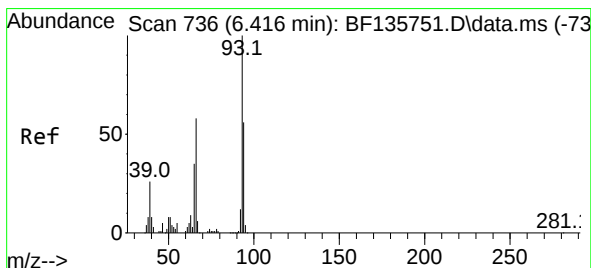
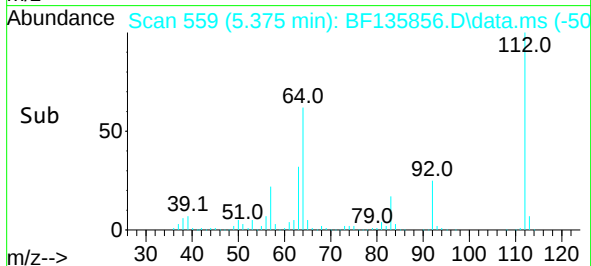
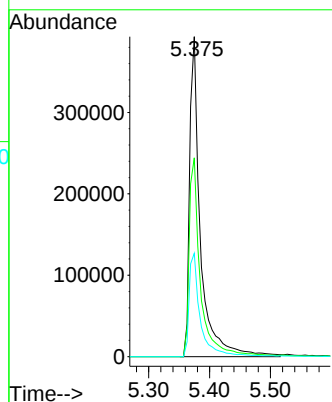
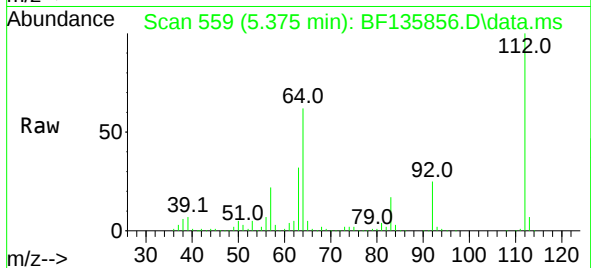
SSTDCCC040

Tgt Ion:112 Resp: 48594
Ion Ratio Lower Upper
112 100
64 62.2 51.2 76.8
63 32.3 26.1 39.1

Manual Integrations

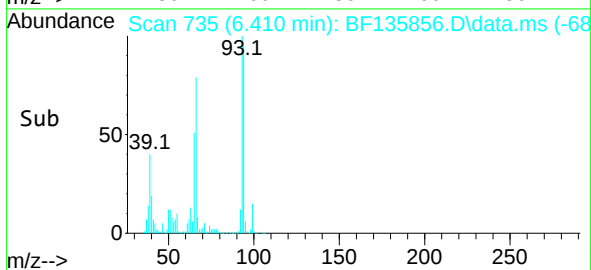
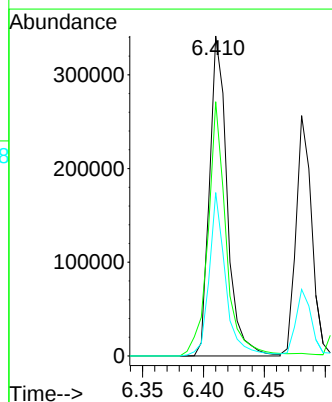
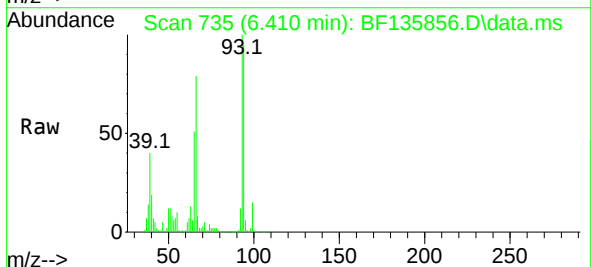
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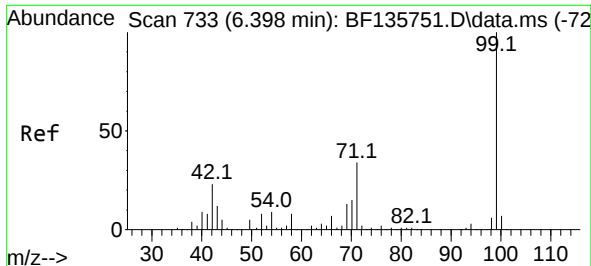
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#6
Aniline
Concen: 38.597 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

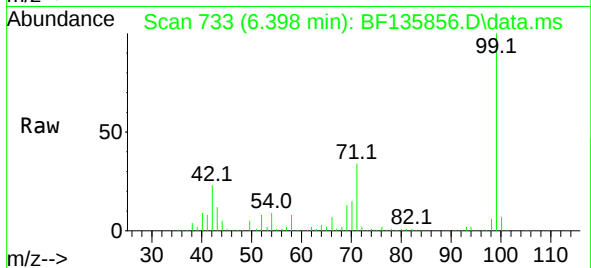
Tgt Ion: 93 Resp: 343434
Ion Ratio Lower Upper
93 100
66 79.5 47.6 71.4#
65 51.0 28.5 42.7#





#7
Phenol-d6
Concen: 76.801 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

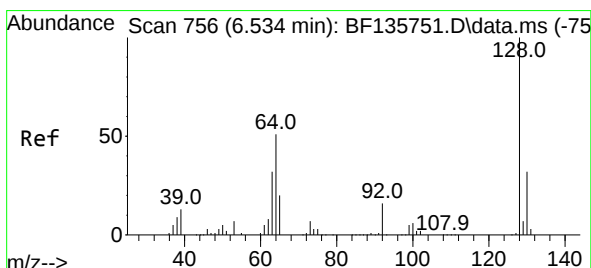
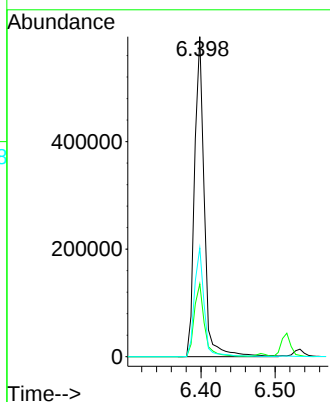
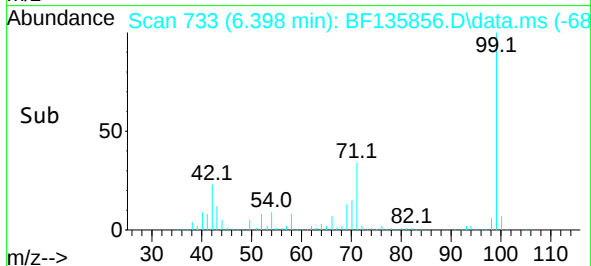
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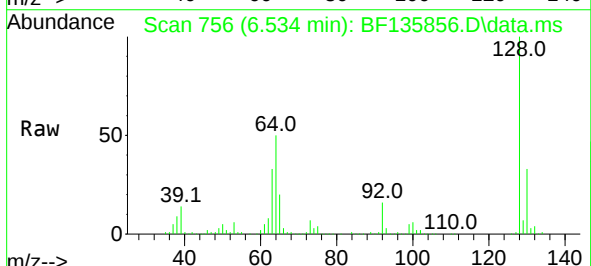
Tgt Ion: 99 Resp: 543029
Ion Ratio Lower Upper
99 100
42 22.8 18.4 27.6
71 34.0 27.2 40.8

Manual Integrations
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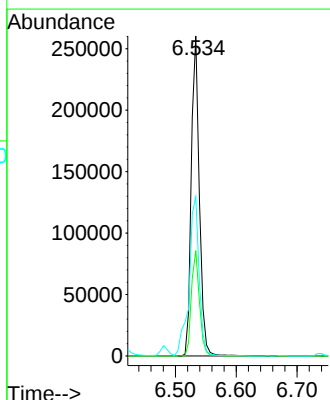
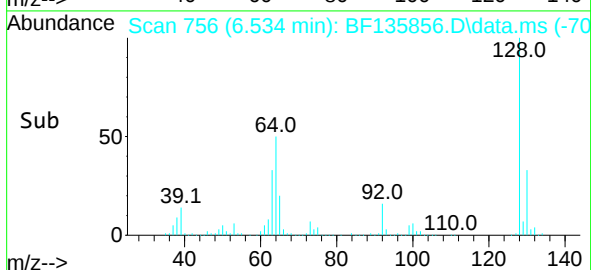
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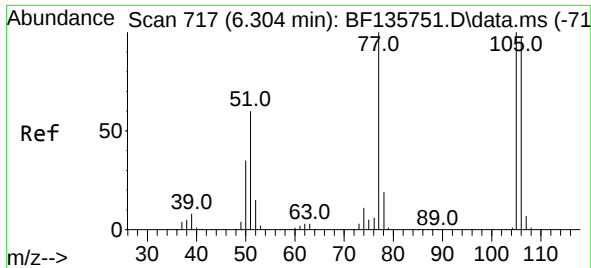


#8
2-Chlorophenol
Concen: 39.116 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



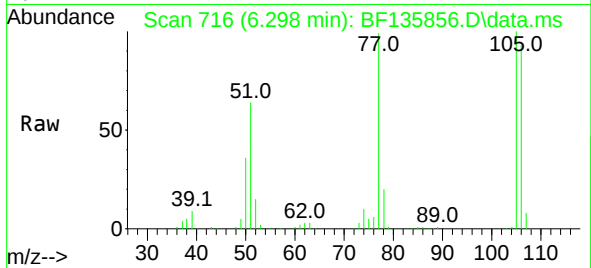
Tgt Ion:128 Resp: 239033
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 49.8 32.3 72.3





#9
Benzaldehyde
Concen: 38.996 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

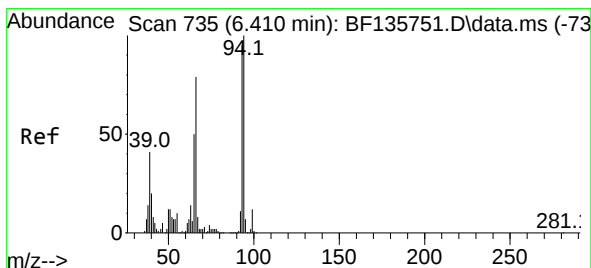
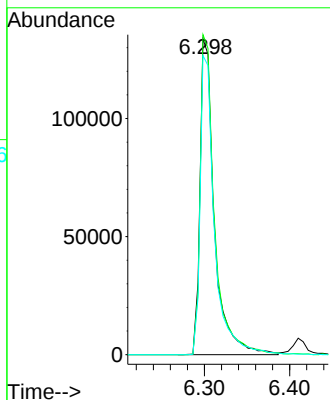
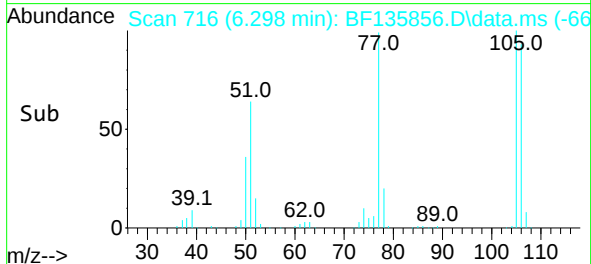
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SSTDCCC040



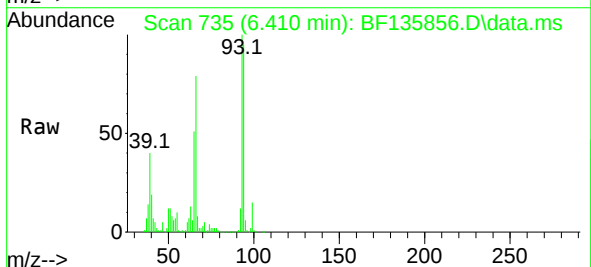
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Ion Ratio Lower Upper
77 100
105 101.3 79.9 119.9
106 94.7 77.1 117.1

Manual Integrations
APPROVED

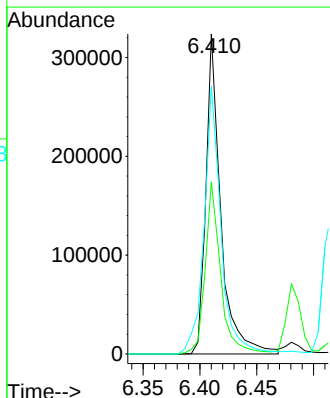
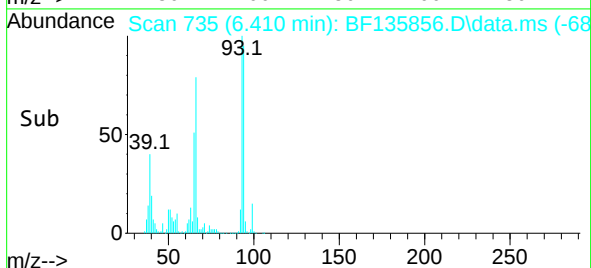
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

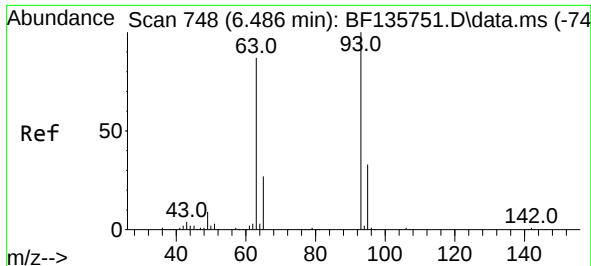


#10
Phenol
Concen: 39.872 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion: 94 Resp: 295395
Ion Ratio Lower Upper
94 100
65 53.8 30.3 70.3
66 83.8 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 37.778 ng

RT: 6.481 min Scan# 748

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

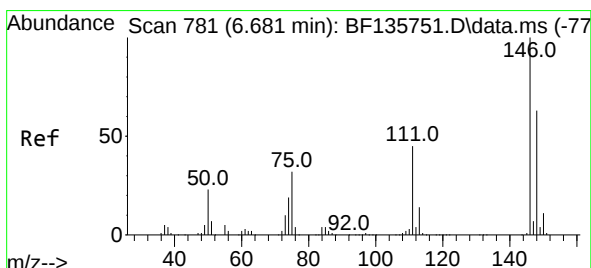
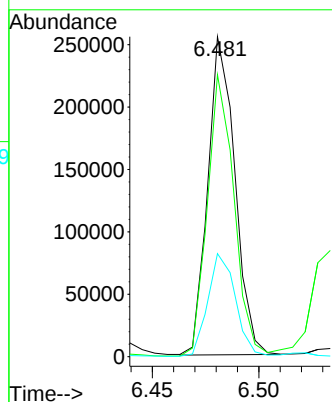
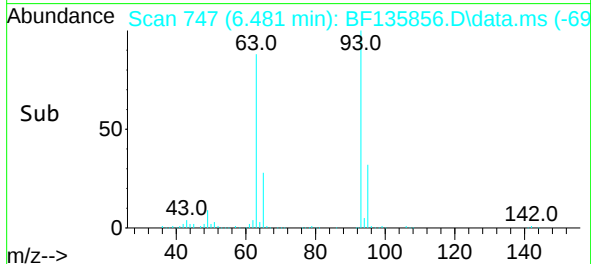
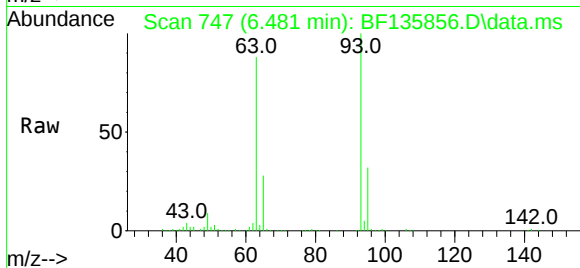
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 225515
 Ion Ratio Lower Upper
 93 100
 63 88.1 66.3 106.3
 95 32.2 12.8 52.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023



#12

1,3-Dichlorobenzene

Concen: 39.938 ng

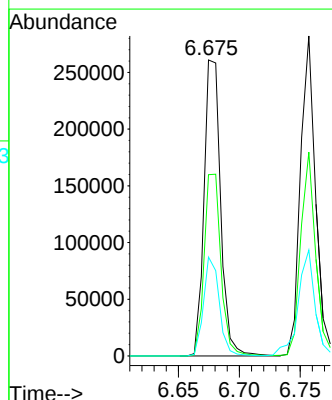
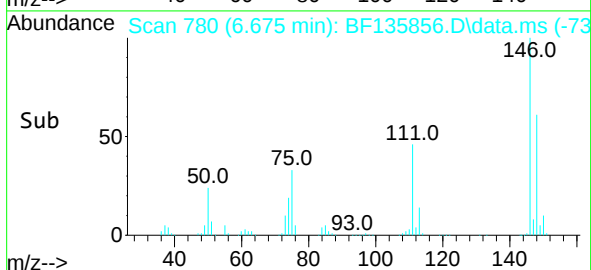
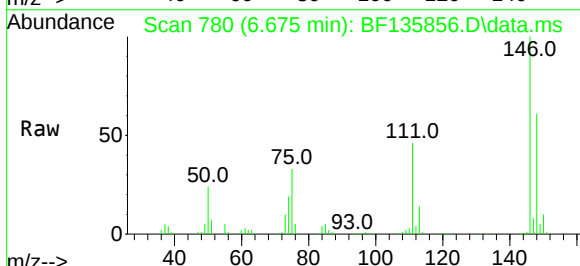
RT: 6.675 min Scan# 780

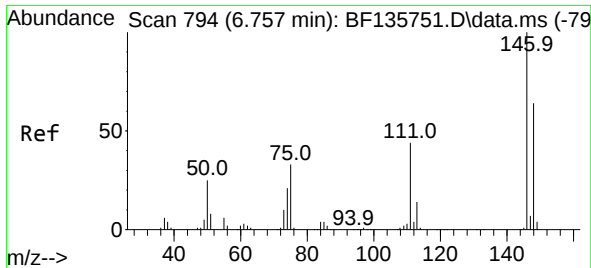
Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Tgt Ion:146 Resp: 247420
 Ion Ratio Lower Upper
 146 100
 148 61.3 50.2 75.4
 75 33.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.408 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 247318

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

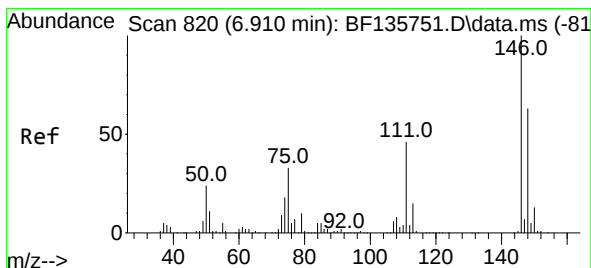
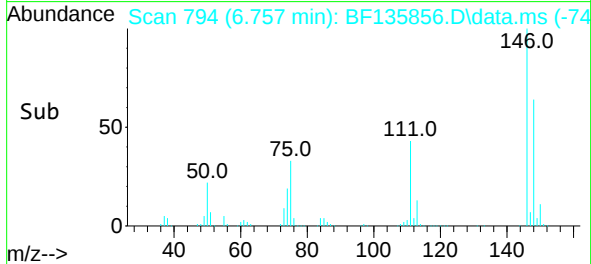
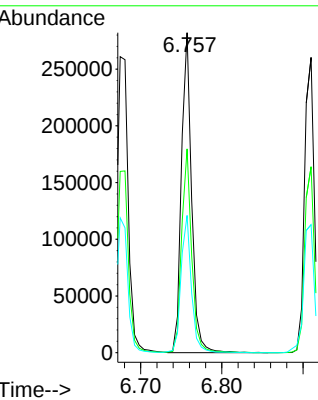
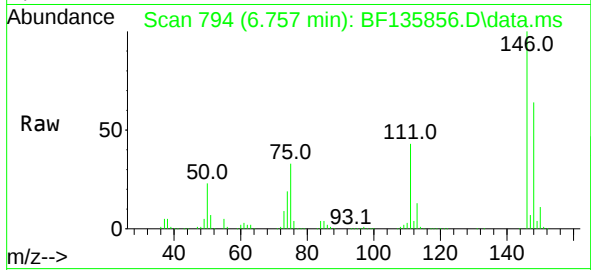
111 42.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#14

1,2-Dichlorobenzene

Concen: 39.933 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

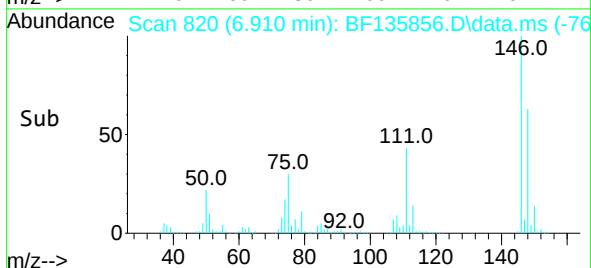
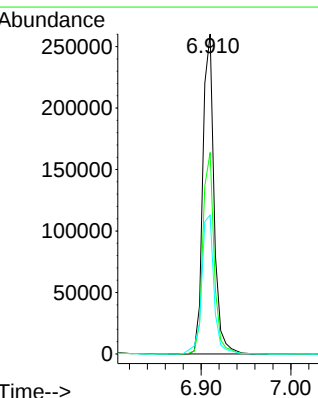
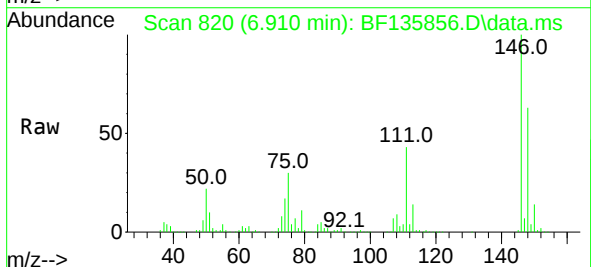
Tgt Ion:146 Resp: 225654

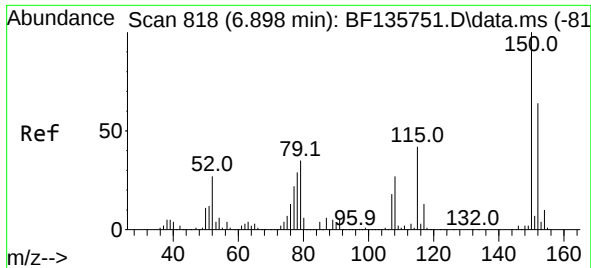
Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

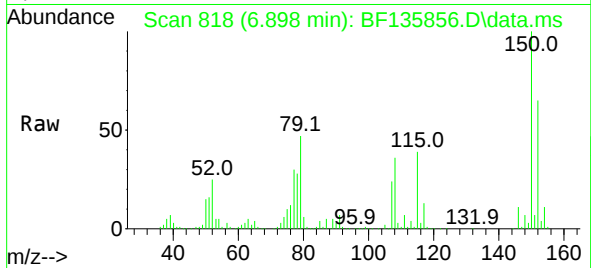
111 43.4 37.1 55.7





#15
Benzyl Alcohol
Concen: 40.978 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

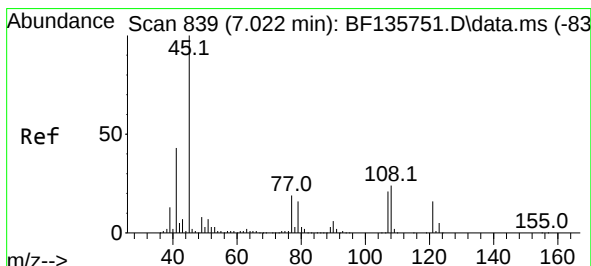
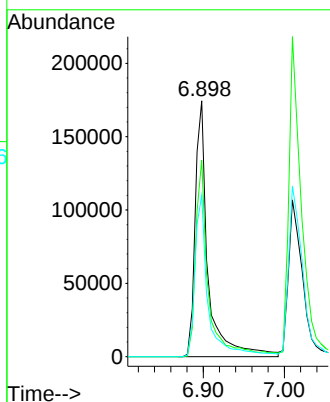
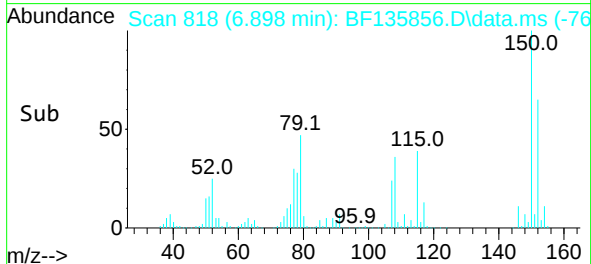
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



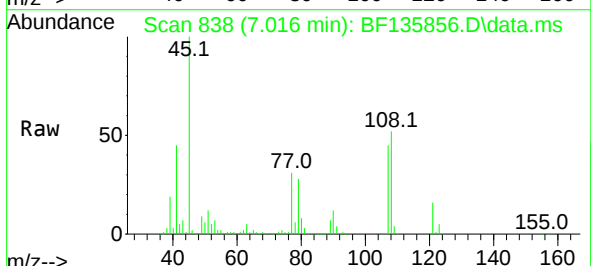
Tgt Ion: 79 Resp: 192650
Ion Ratio Lower Upper
79 100
108 76.8 62.0 93.0
77 63.0 50.5 75.7

Manual Integrations
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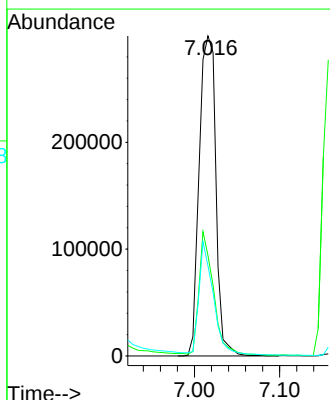
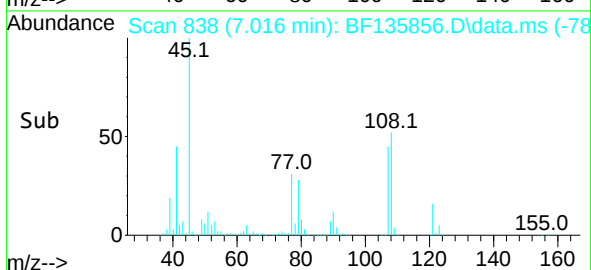
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

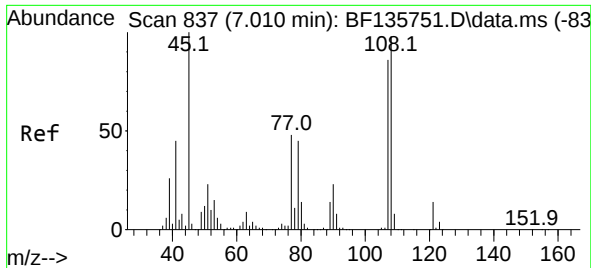


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.558 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion: 45 Resp: 405491
Ion Ratio Lower Upper
45 100
77 31.4 0.0 39.8
79 28.1 0.0 37.6





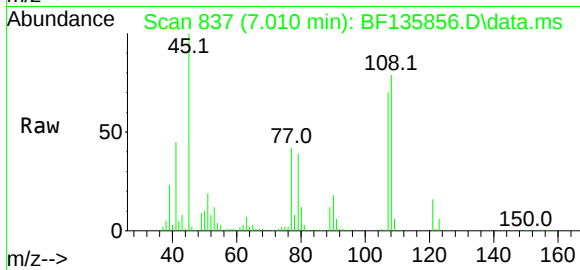
#17
2-Methylphenol
Concen: 39.314 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

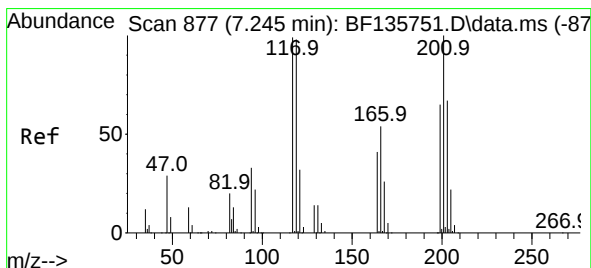
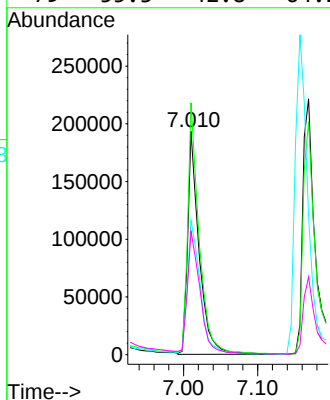
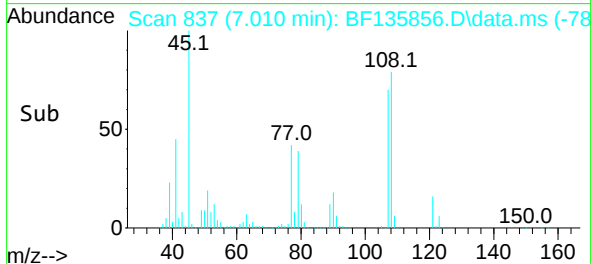


Tgt Ion:107 Resp: 207970
Ion Ratio Lower Upper
107 100
108 112.8 91.8 137.6
77 60.1 45.4 68.0
79 55.3 42.8 64.2

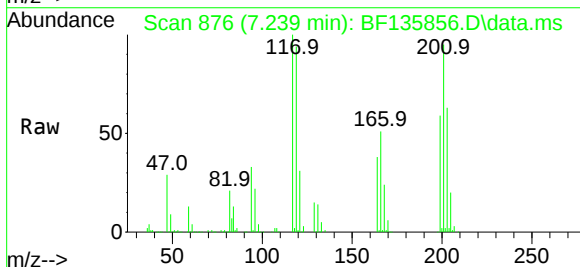
Manual Integrations

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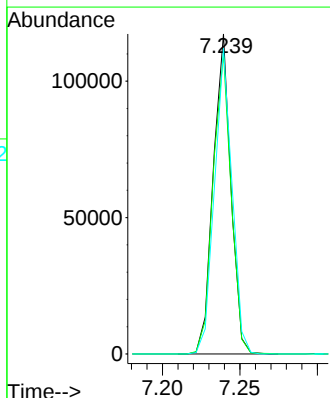
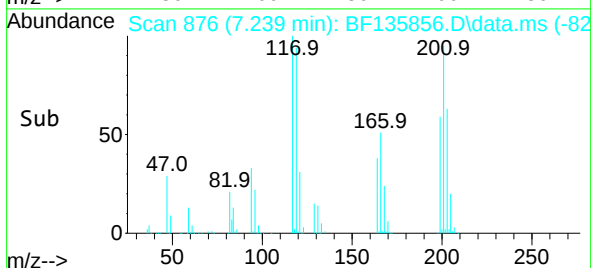
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

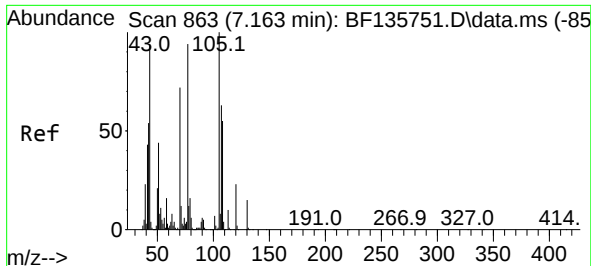


#18
Hexachloroethane
Concen: 40.604 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:117 Resp: 92394
Ion Ratio Lower Upper
117 100
119 94.0 79.5 119.3
201 95.4 80.9 121.3





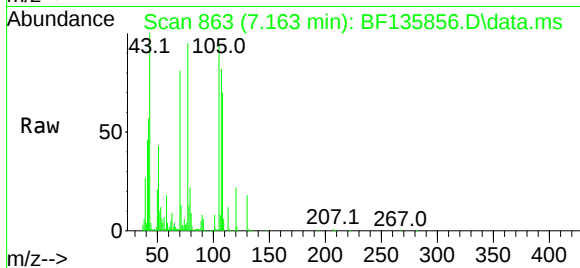
#19
n-Nitroso-di-n-propylamine
Concen: 39.411 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

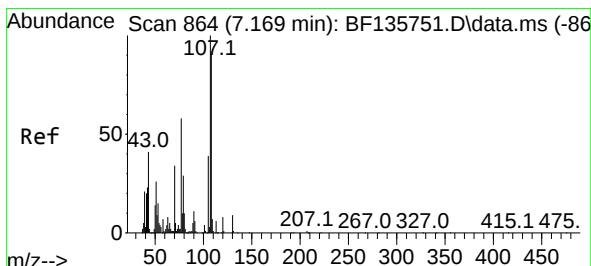
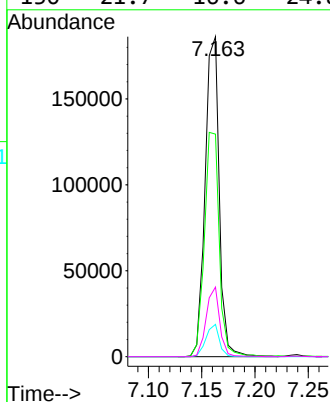
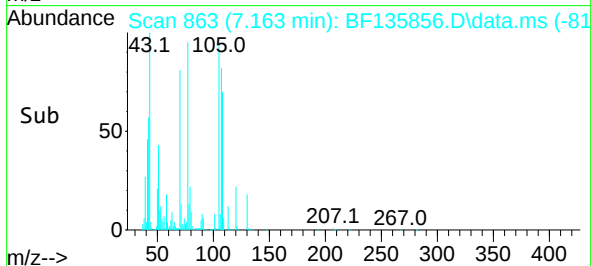
SSTDCCC040



Tgt Ion: 70 Resp: 172297
Ion Ratio Lower Upper
70 100
42 69.6 59.8 89.6
101 10.1 7.4 11.2
130 21.7 16.6 24.8

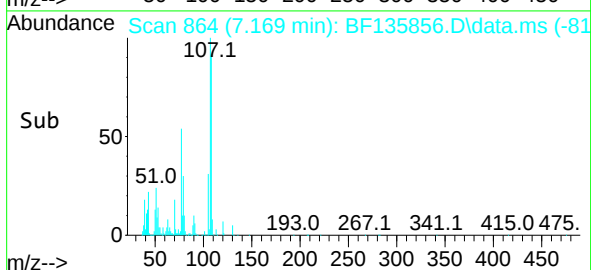
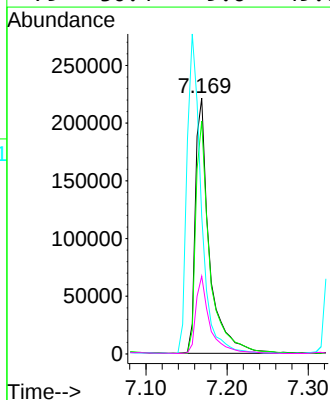
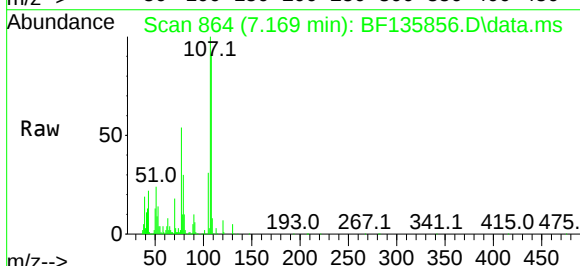
Manual Integrations
APPROVED

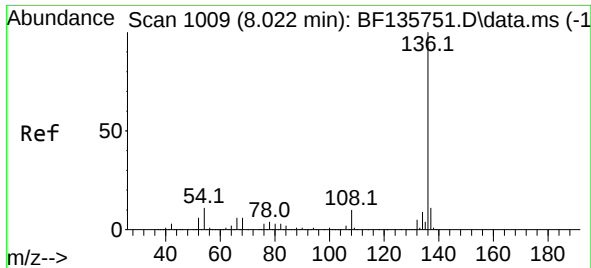
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#20
3+4-Methylphenols
Concen: 40.259 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:107 Resp: 265506
Ion Ratio Lower Upper
107 100
108 91.0 71.1 111.1
77 53.9 42.0 82.0
79 30.4 9.6 49.6





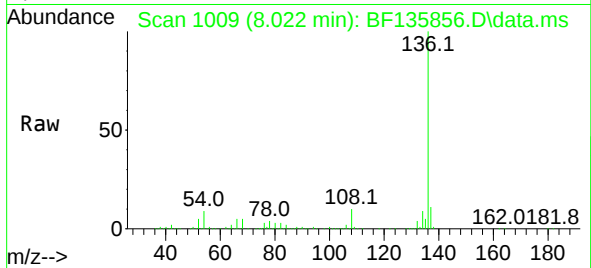
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

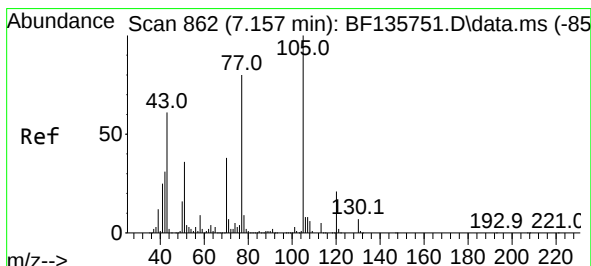
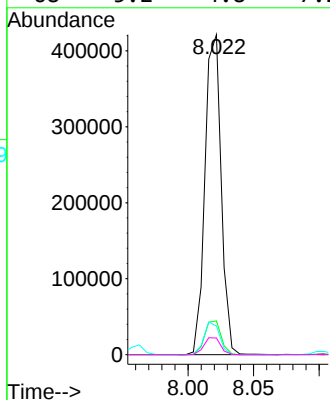
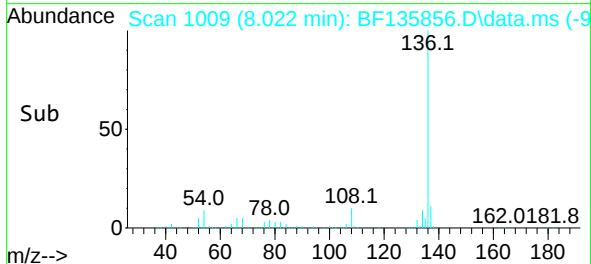


Tgt Ion:136 Resp: 363285
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.0 8.5 12.7
68 5.2 4.8 7.2

Manual Integrations

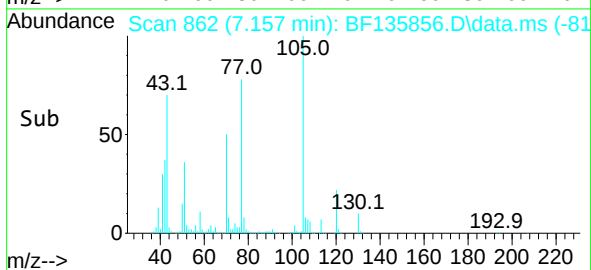
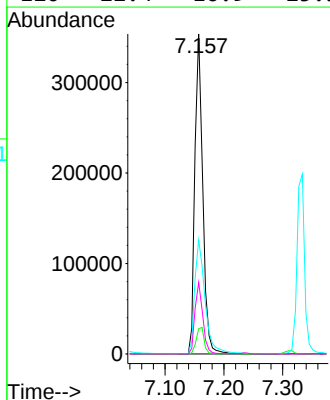
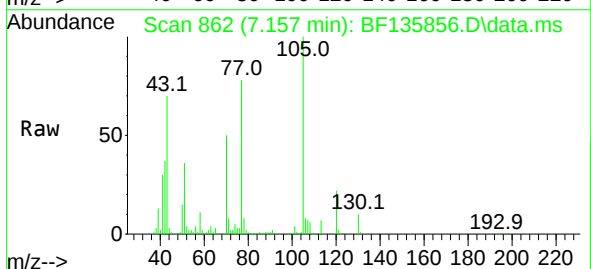
APPROVED

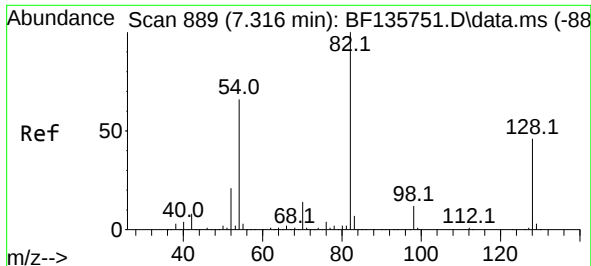
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#22
Acetophenone
Concen: 39.864 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:105 Resp: 332134
Ion Ratio Lower Upper
105 100
71 7.9 5.4 8.0
51 35.6 29.4 44.0
120 22.4 16.9 25.3





#23

Nitrobenzene-d5

Concen: 79.884 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 527660

Ion Ratio Lower Upper

82 100

128 44.0 37.0 55.6

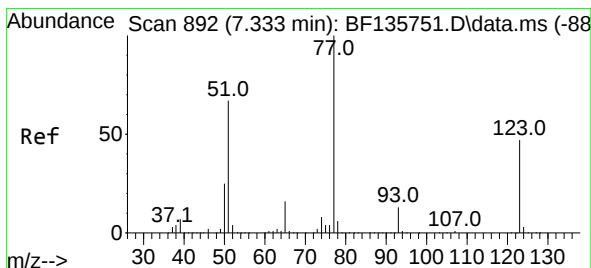
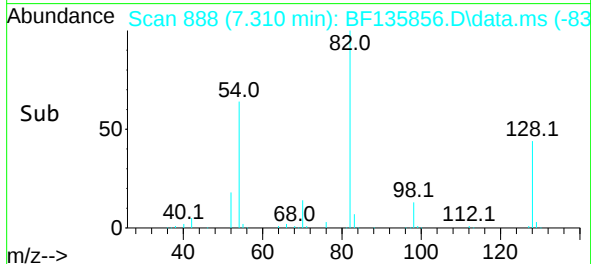
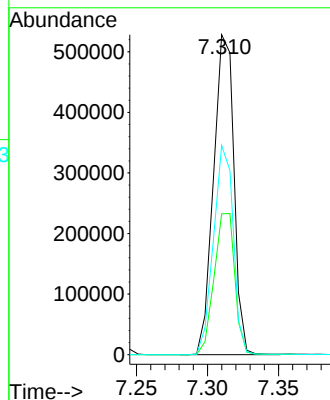
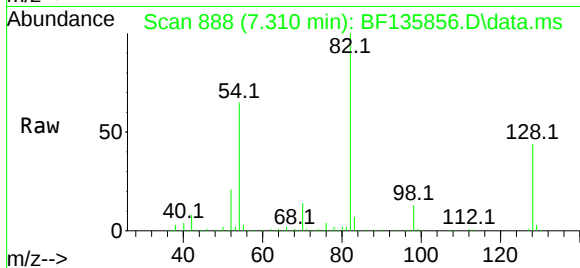
54 65.4 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#24

Nitrobenzene

Concen: 39.907 ng

RT: 7.333 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

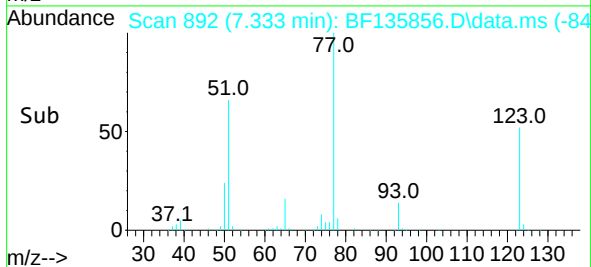
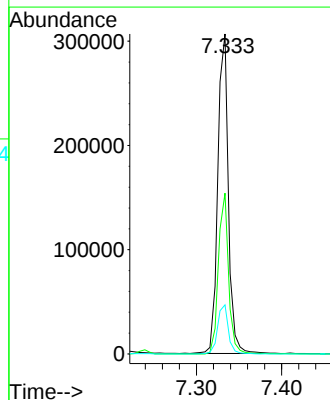
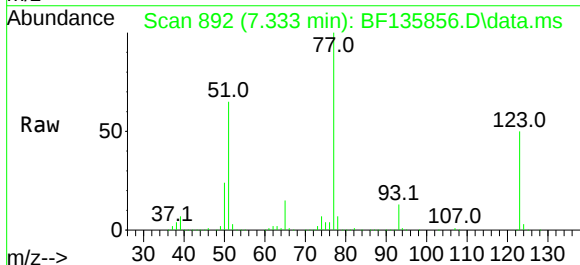
Tgt Ion: 77 Resp: 264559

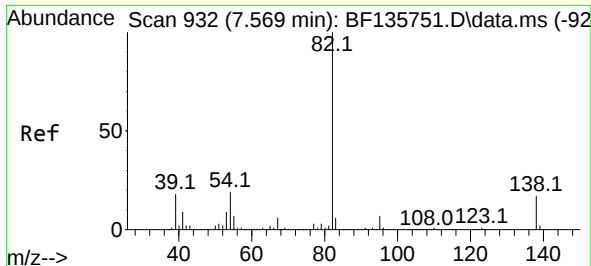
Ion Ratio Lower Upper

77 100

123 50.2 37.3 55.9

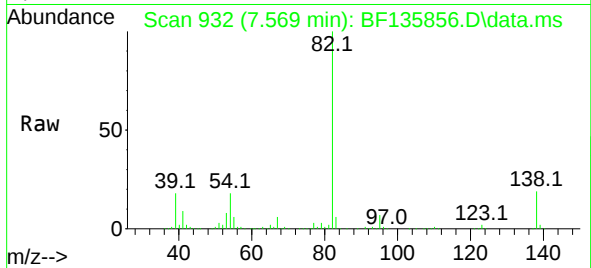
65 15.4 12.6 18.8





#25
Isophorone
Concen: 39.228 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

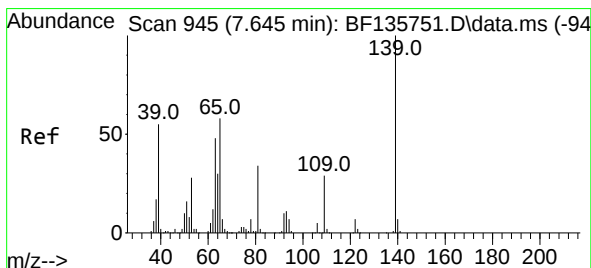
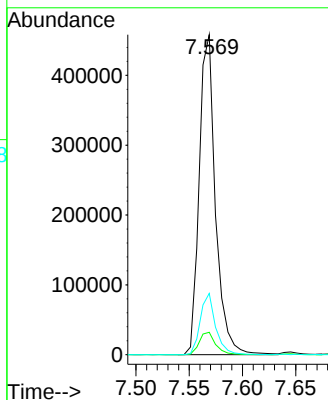
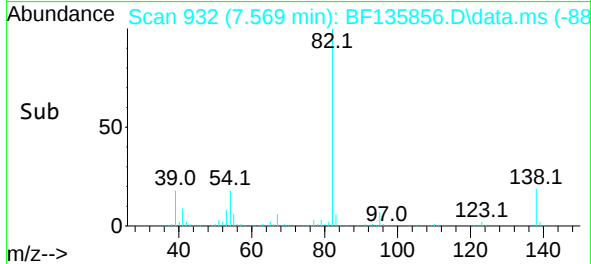
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



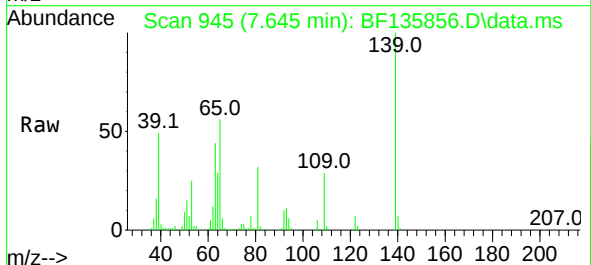
Tgt Ion: 82 Resp: 48883
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.1 13.9 20.9

Manual Integrations
APPROVED

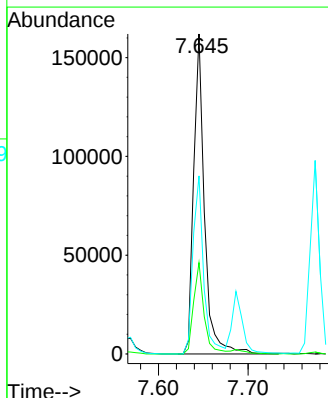
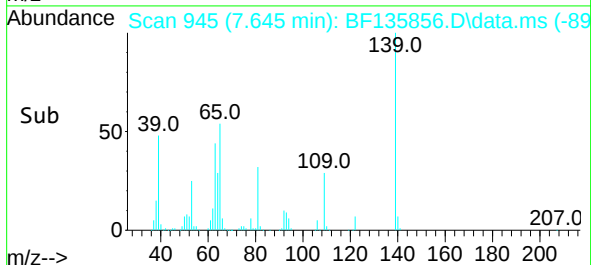
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

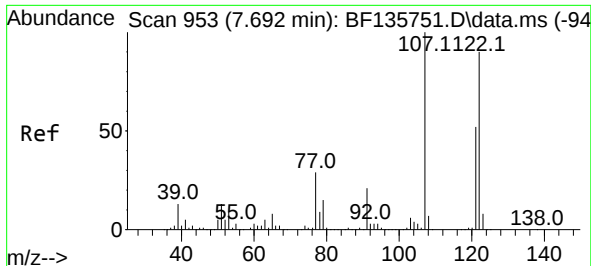


#26
2-Nitrophenol
Concen: 41.970 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:139 Resp: 135782
Ion Ratio Lower Upper
139 100
109 28.6 23.0 34.4
65 55.6 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 40.394 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135856.D

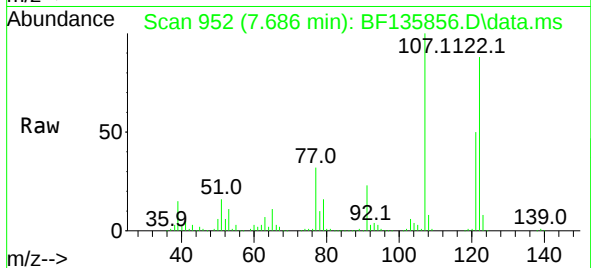
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



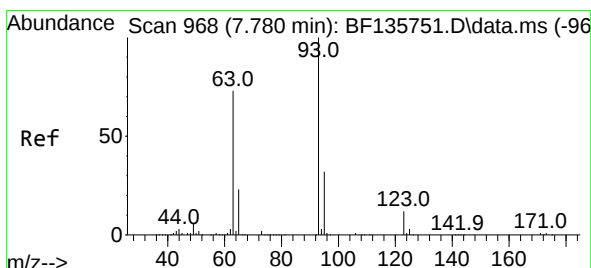
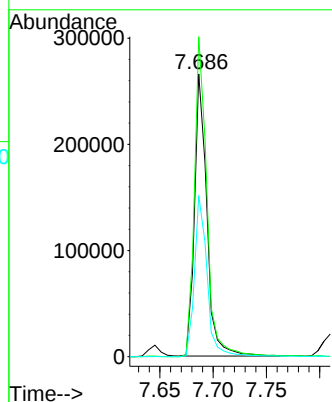
Tgt Ion:	122	Resp:	21513
Ion Ratio	Lower	Upper	
122	100		
107	113.2	88.2	132.4
121	57.0	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.669 ng

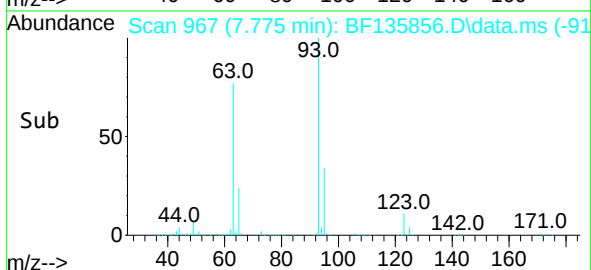
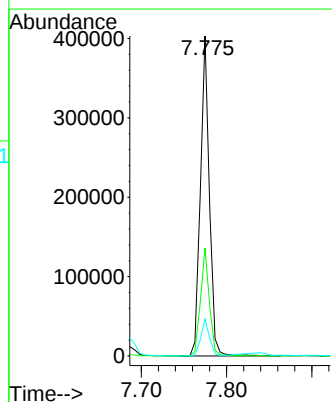
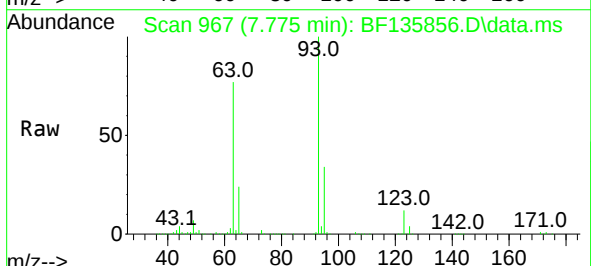
RT: 7.775 min Scan# 967

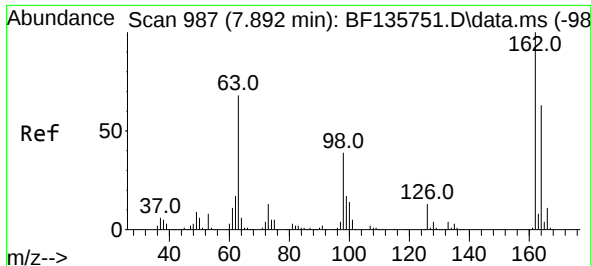
Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Tgt Ion:	93	Resp:	294393
Ion Ratio	Lower	Upper	
93	100		
95	33.7	25.7	38.5
123	11.5	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 42.117 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135856.D

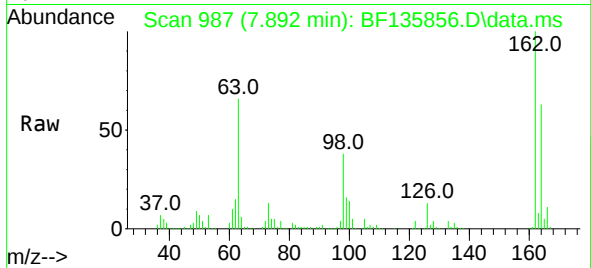
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 210200

Ion Ratio Lower Upper

162 100

164 62.6 43.4 83.4

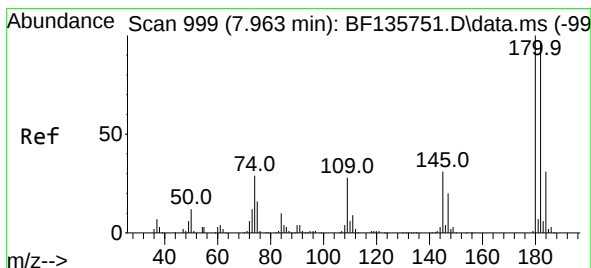
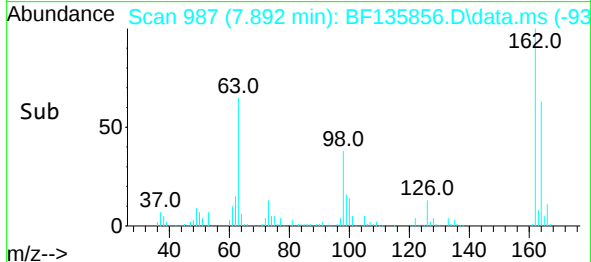
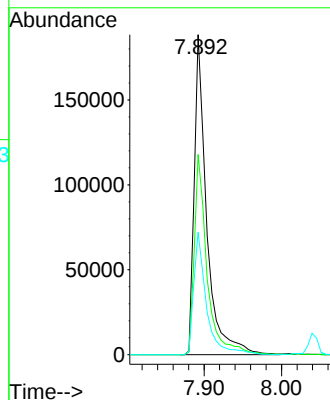
98 38.3 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.334 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

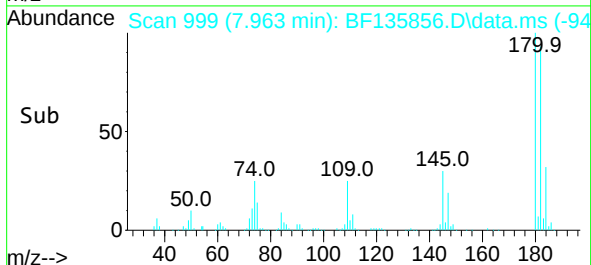
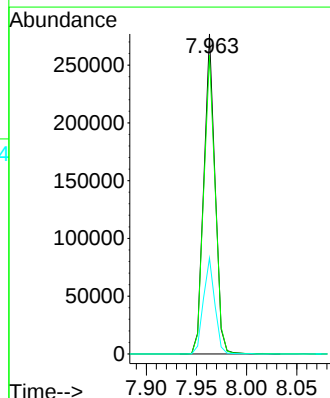
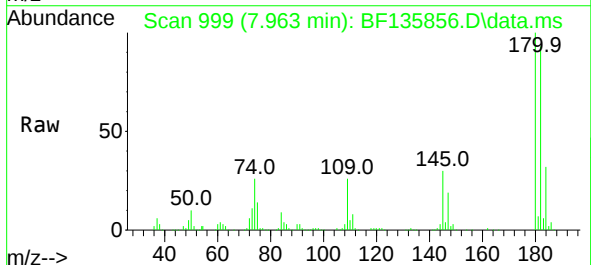
Tgt Ion:180 Resp: 216107

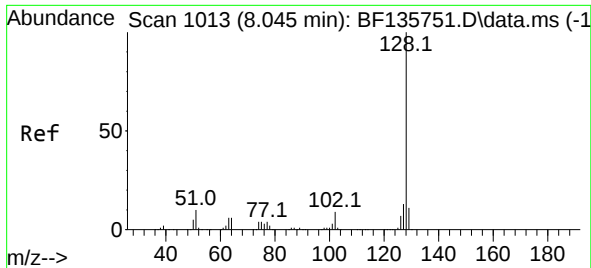
Ion Ratio Lower Upper

180 100

182 93.3 76.4 114.6

145 29.9 25.0 37.6





#31
Naphthalene
Concen: 42.072 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

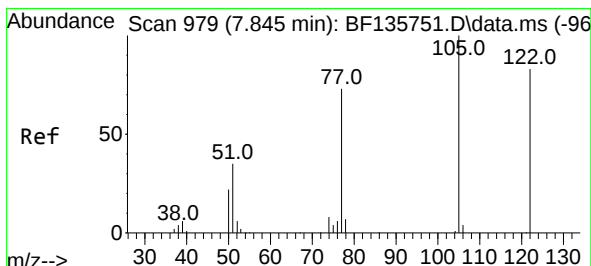
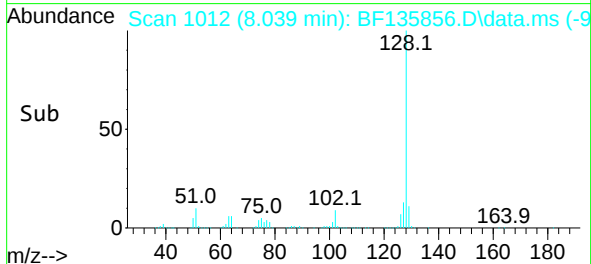
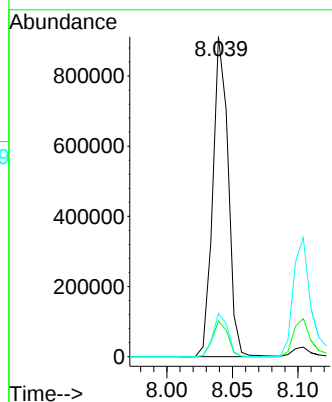
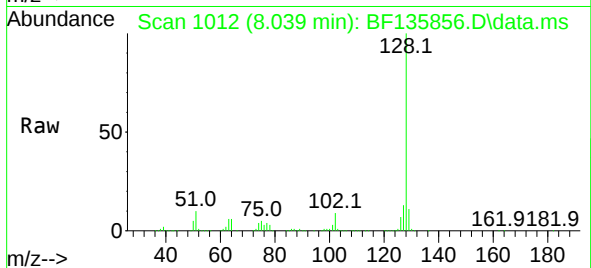
SSTDCCC040

Tgt Ion:128 Resp: 745509
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.2 15.4

Manual Integrations

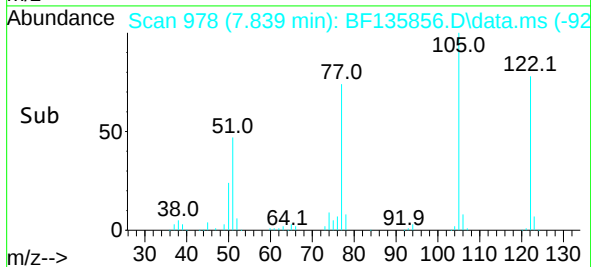
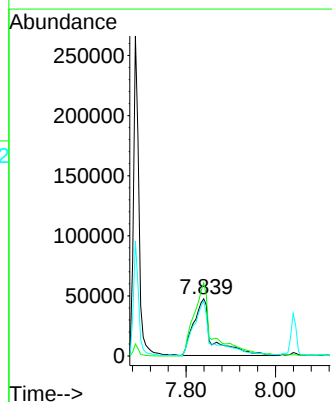
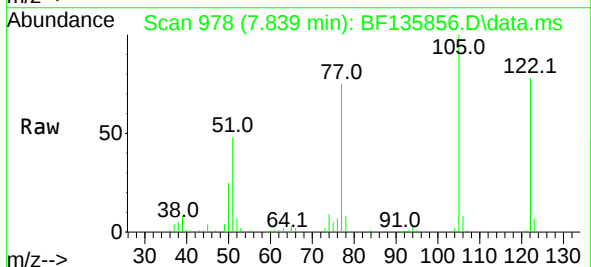
APPROVED

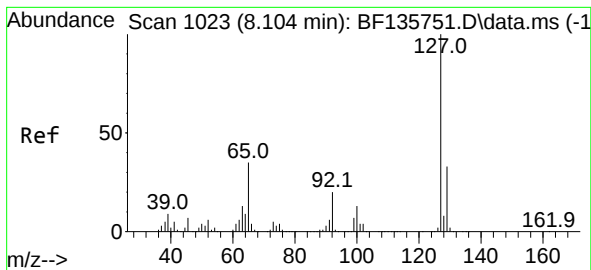
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#32
Benzoic acid
Concen: 39.446 ng m
RT: 7.839 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:122 Resp: 142205
Ion Ratio Lower Upper
122 100
105 127.9 98.7 138.7
77 96.4 67.8 107.8





#33
4-Chloroaniline
Concen: 43.038 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

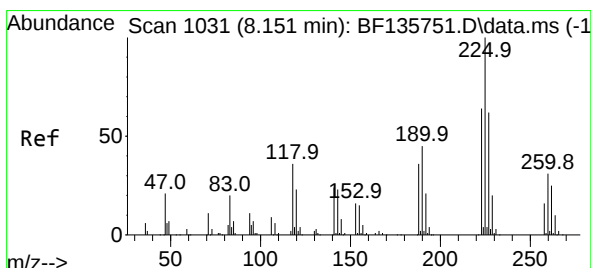
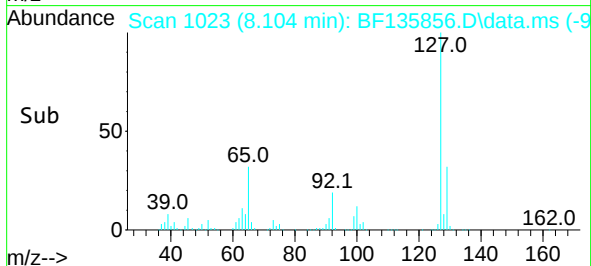
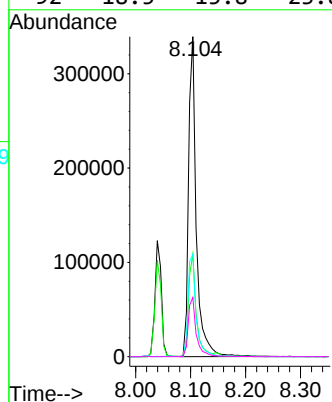
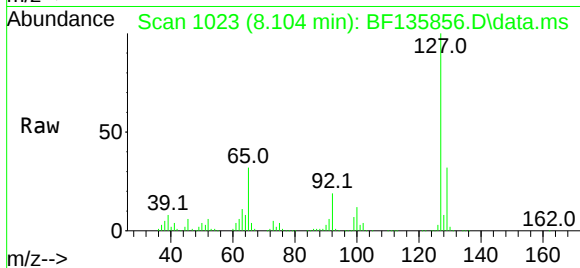
Tgt Ion:127 Resp: 333135
Ion Ratio Lower Upper
127 100
129 32.0 26.5 39.7
65 32.0 27.9 41.9
92 18.5 15.8 23.8

Manual Integrations

APPROVED

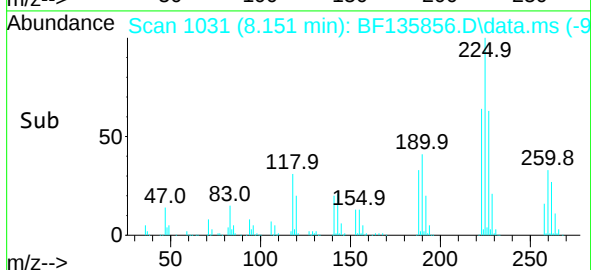
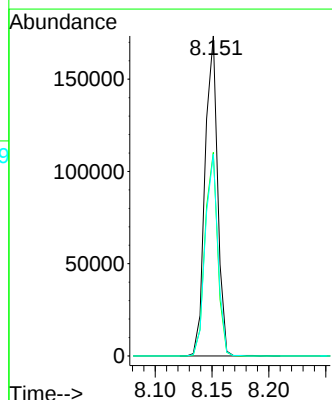
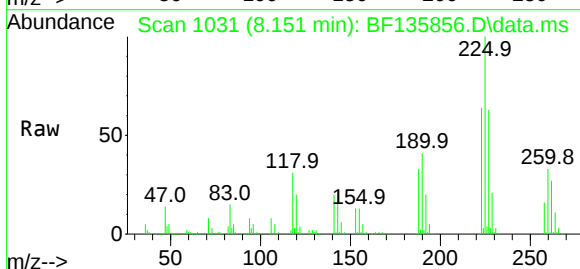
Reviewed By :Yogesh Patel 10/19/2023

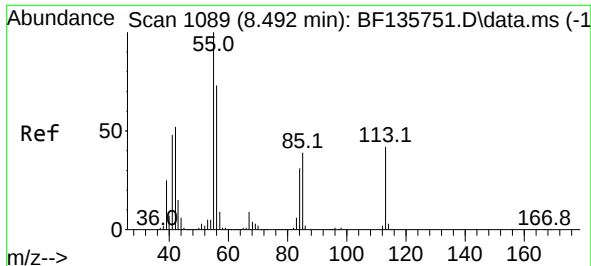
Supervised By :mohammad ahmed 10/20/2023



#34
Hexachlorobutadiene
Concen: 44.225 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

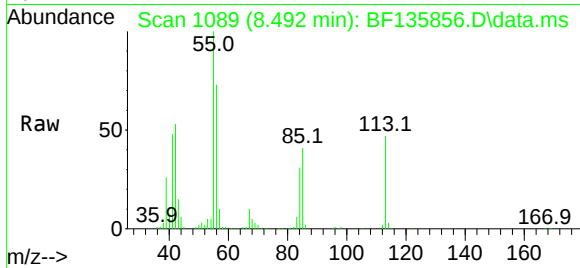
Tgt Ion:225 Resp: 133628
Ion Ratio Lower Upper
225 100
223 63.6 51.1 76.7
227 63.0 49.7 74.5





#35
 Caprolactam
 Concen: 41.629 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

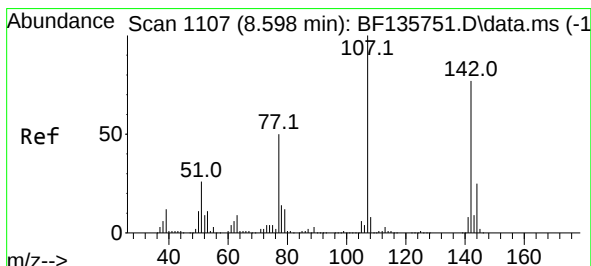
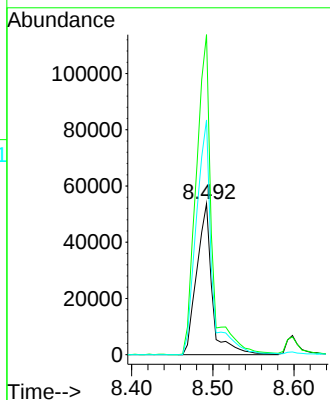
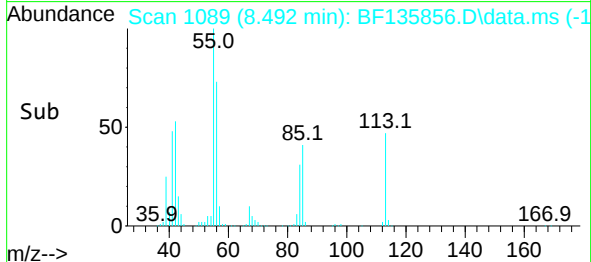
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



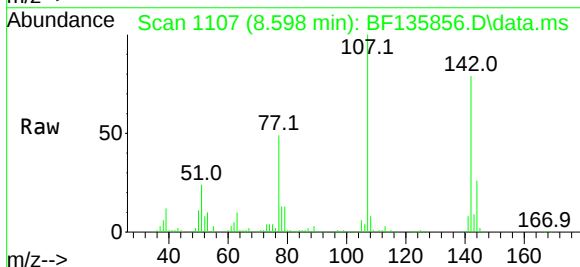
Tgt Ion:113 Resp: 71029
 Ion Ratio Lower Upper
 113 100
 55 211.8 217.4 257.4
 56 155.3 153.1 193.1

Manual Integrations
 APPROVED

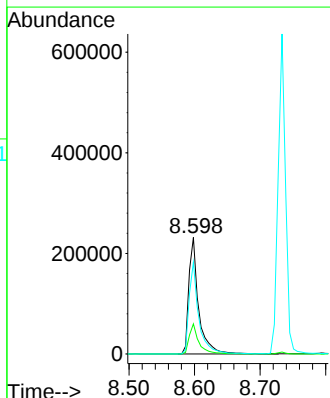
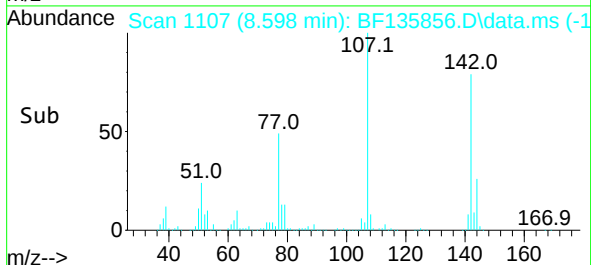
Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

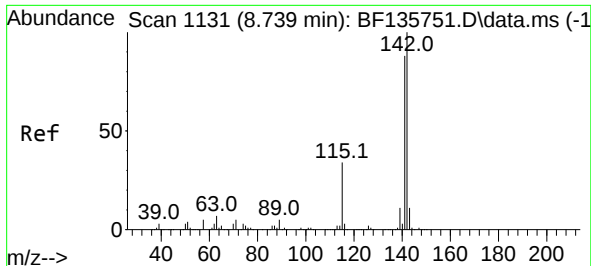


#36
 4-Chloro-3-methylphenol
 Concen: 43.389 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52



Tgt Ion:107 Resp: 240156
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.8 29.8
 142 78.8 61.3 91.9





#37

2-Methylnaphthalene

Concen: 43.268 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 505139

Ion Ratio Lower Upper

142 100

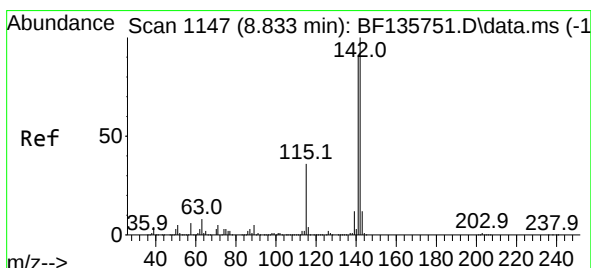
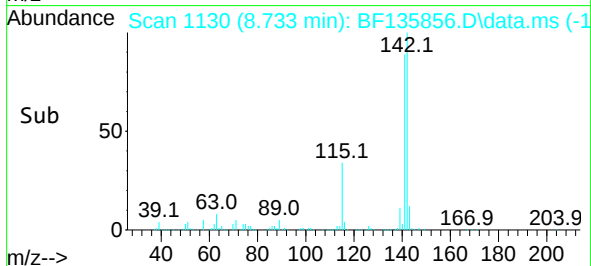
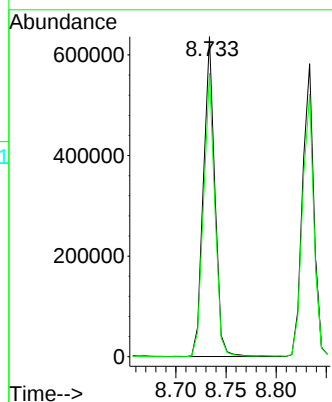
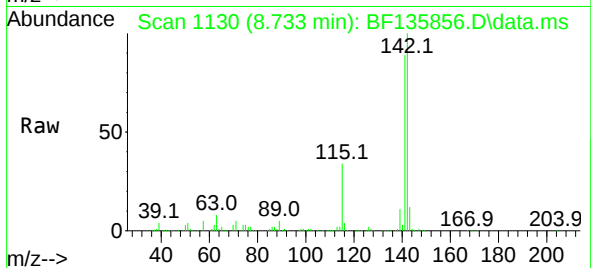
141 88.6 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#38

1-Methylnaphthalene

Concen: 42.373 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135856.D

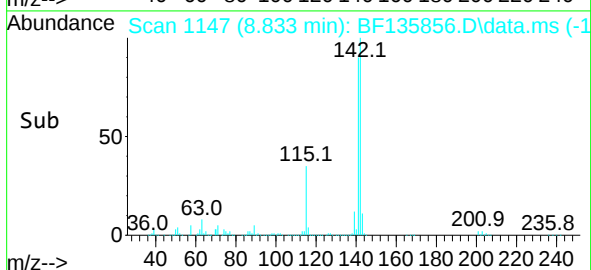
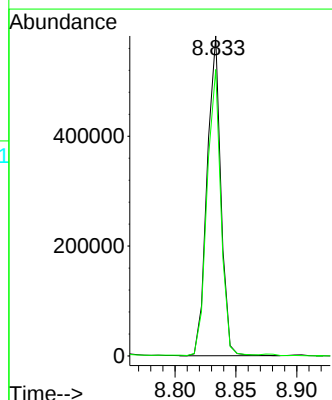
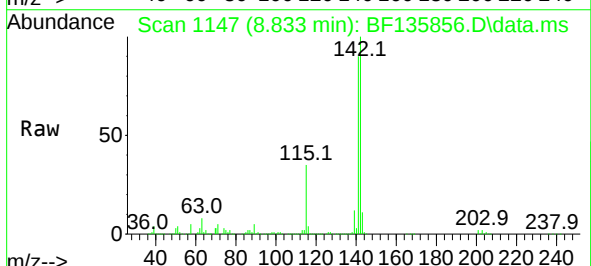
Acq: 18 Oct 2023 19:52

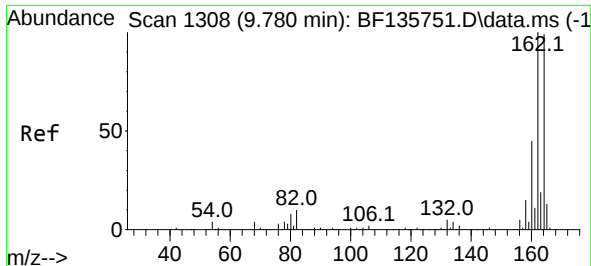
Tgt Ion:142 Resp: 456268

Ion Ratio Lower Upper

142 100

141 89.5 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135856.D

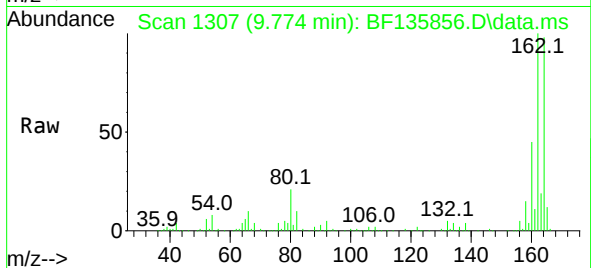
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 169658

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

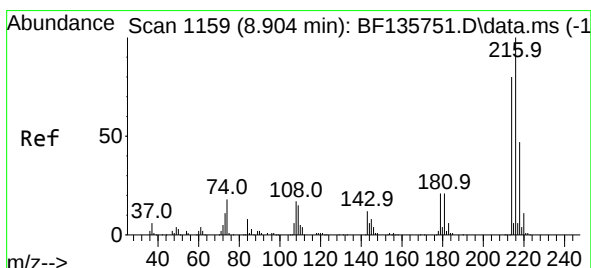
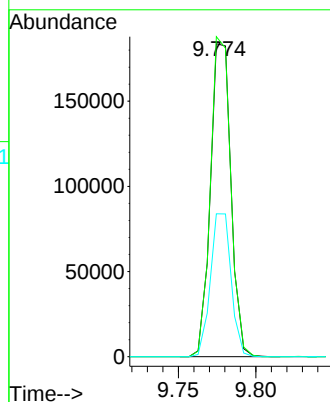
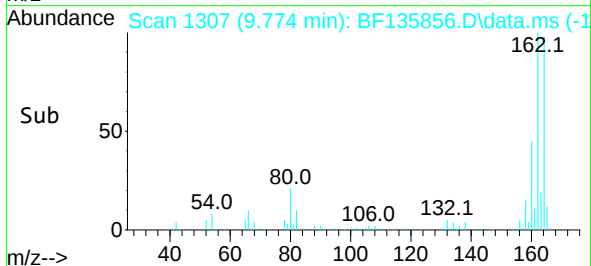
160 45.6 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.538 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Tgt Ion:216 Resp: 217361

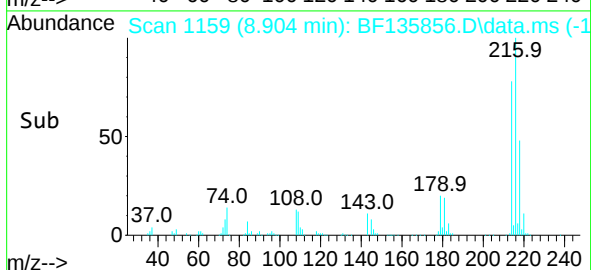
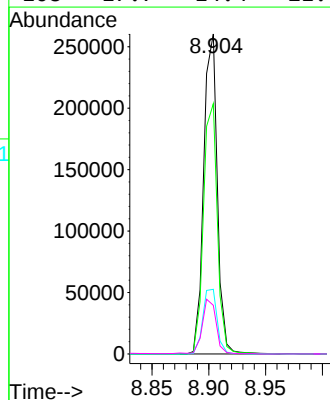
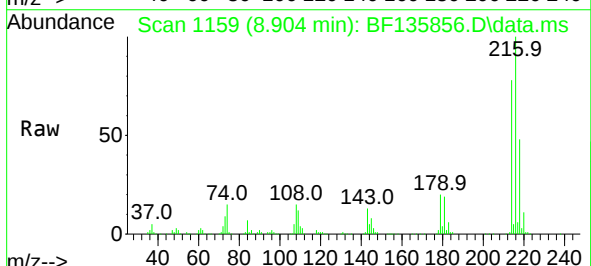
Ion Ratio Lower Upper

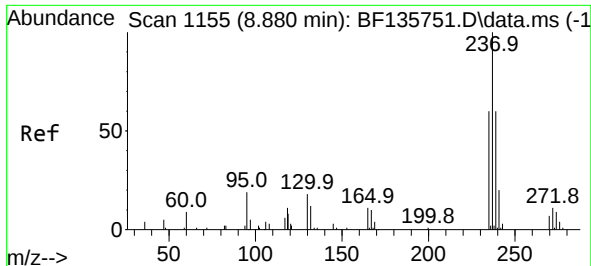
216 100

214 79.9 64.0 96.0

179 21.3 16.9 25.3

108 17.7 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 36.477 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

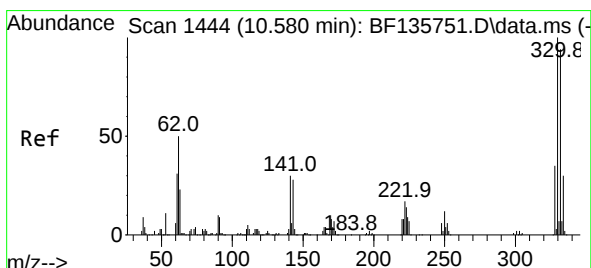
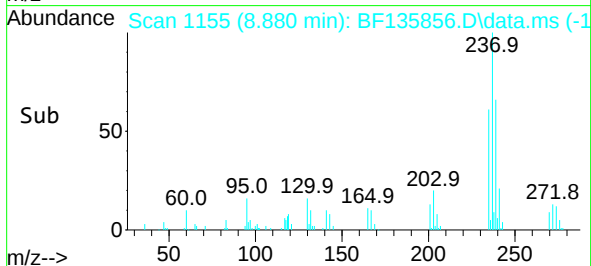
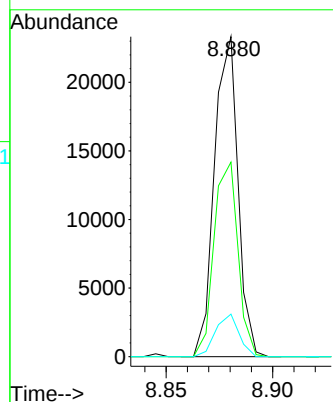
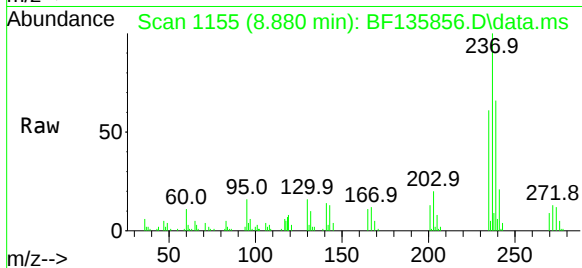
Tgt Ion:237 Resp: 17918
Ion Ratio Lower Upper
237 100
235 60.8 40.0 80.0
272 13.3 0.0 30.9

Manual Integrations

APPROVED

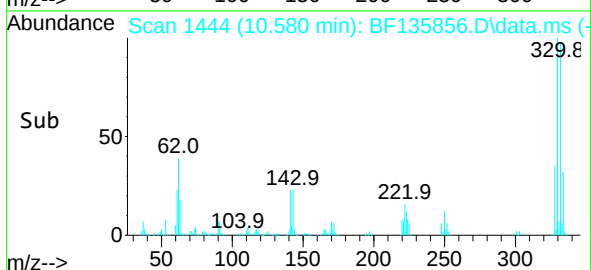
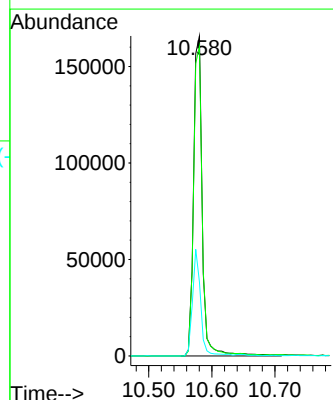
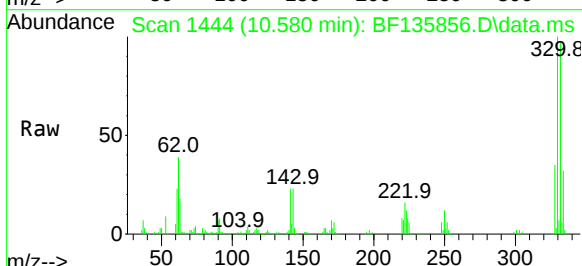
Reviewed By :Yogesh Patel 10/19/2023

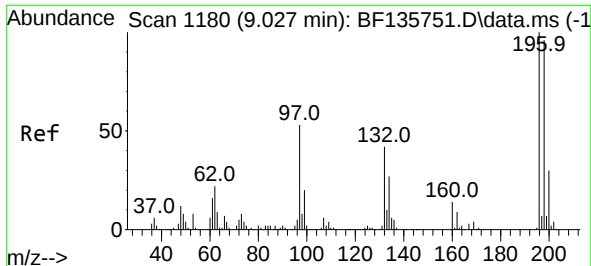
Supervised By :mohammad ahmed 10/20/2023



#42
2,4,6-Tribromophenol
Concen: 97.435 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:330 Resp: 158625
Ion Ratio Lower Upper
330 100
332 97.0 75.0 112.4
141 31.2 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 41.326 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

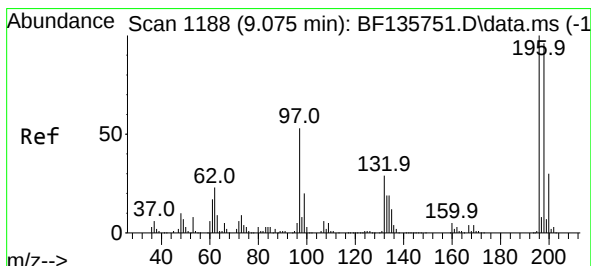
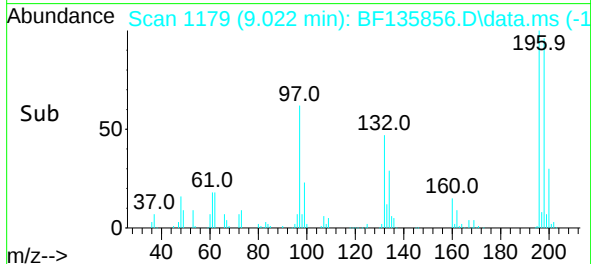
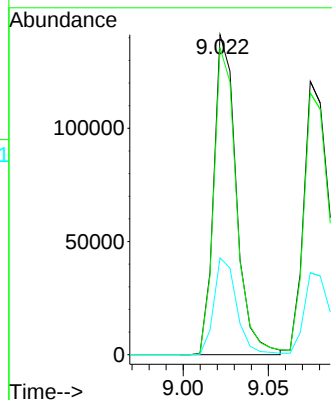
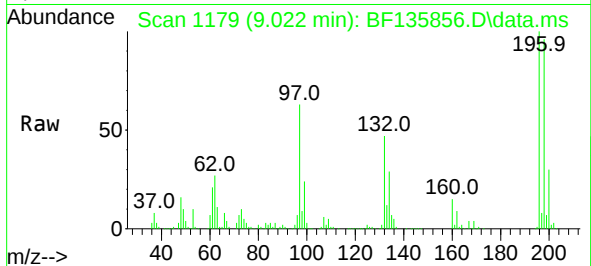
SSTDCCC040

Tgt Ion:196 Resp: 12996
Ion Ratio Lower Upper
196 100
198 95.9 76.7 115.1
200 30.3 24.2 36.4

Manual Integrations

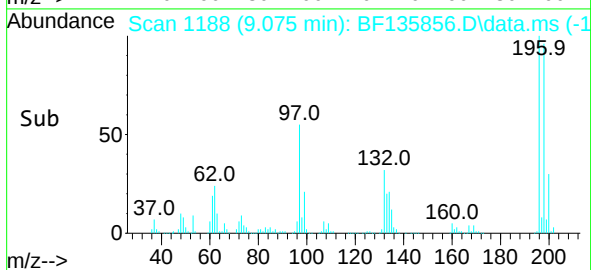
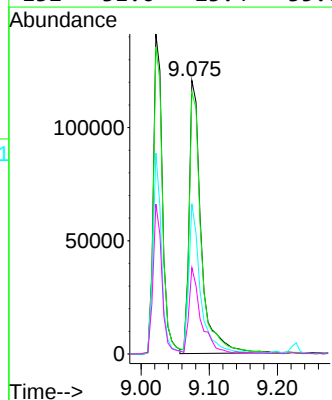
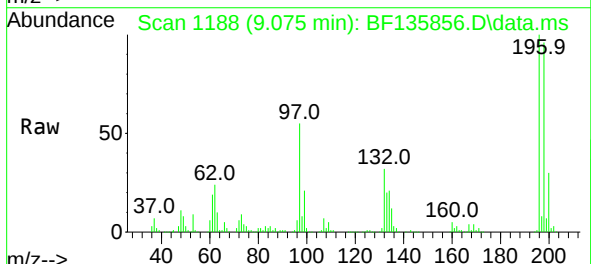
APPROVED

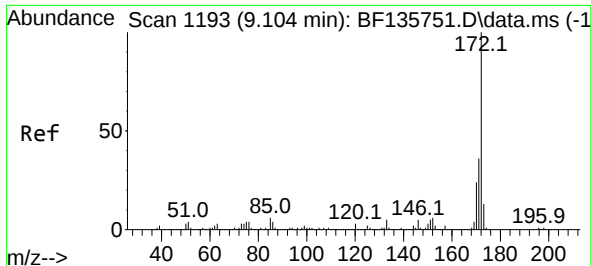
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#44
2,4,5-Trichlorophenol
Concen: 40.190 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:196 Resp: 147008
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.6
97 54.9 42.2 63.2
132 31.6 23.4 35.0





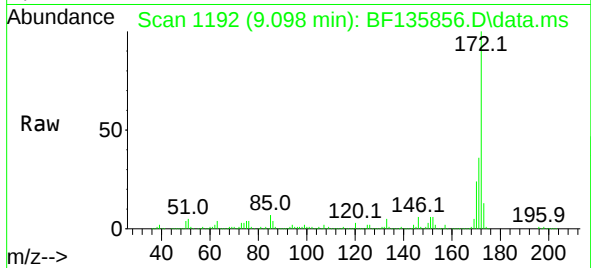
#45
2-Fluorobiphenyl
Concen: 83.619 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

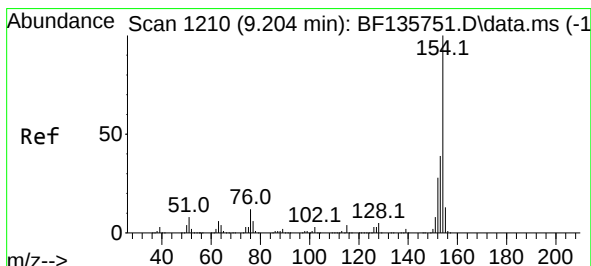
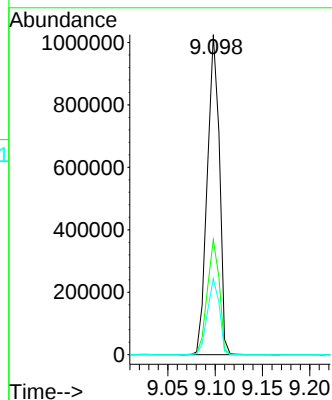
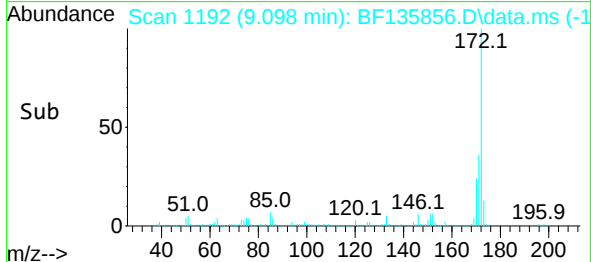


Tgt Ion:172 Resp: 907354
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.8 18.8 28.2

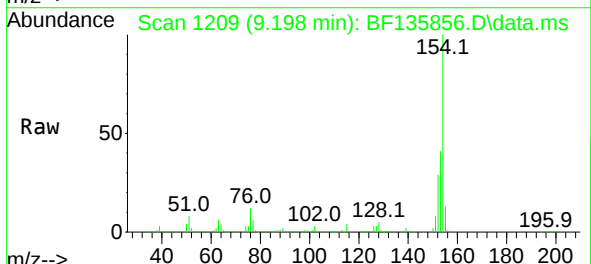
Manual Integrations

APPROVED

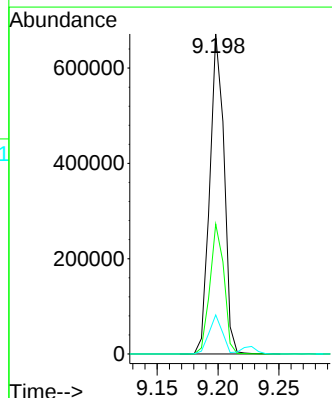
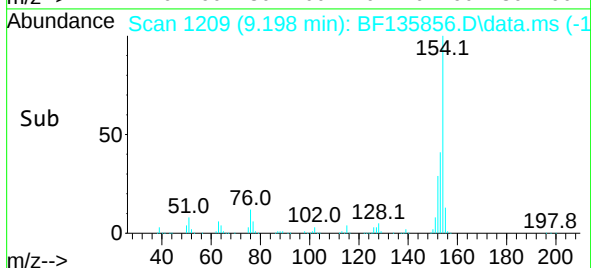
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

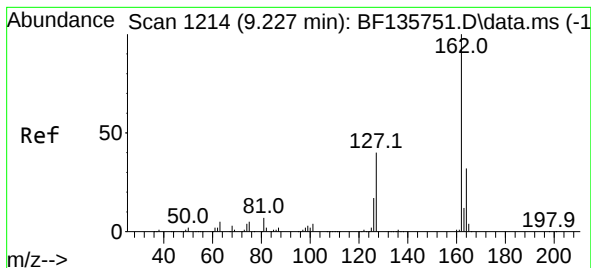


#46
1,1'-Biphenyl
Concen: 42.086 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:154 Resp: 546954
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 12.2 0.0 31.7





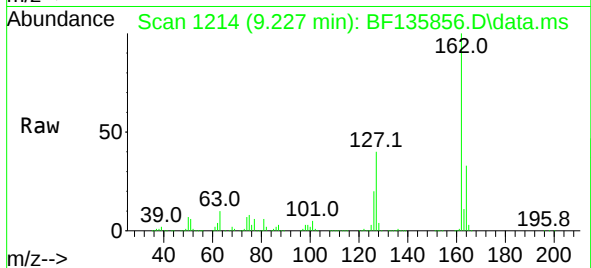
#47
2-Chloronaphthalene
Concen: 42.045 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



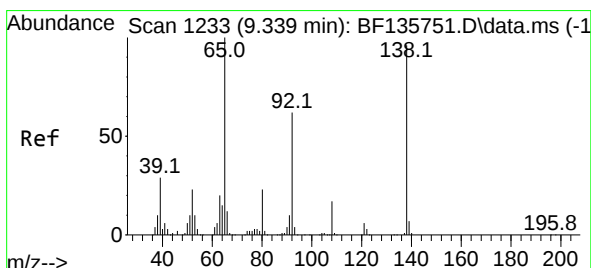
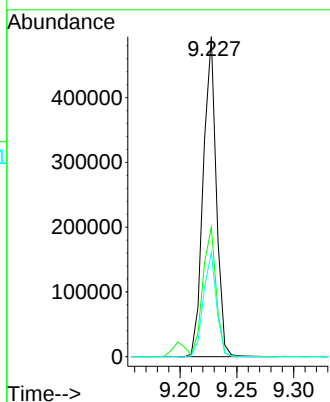
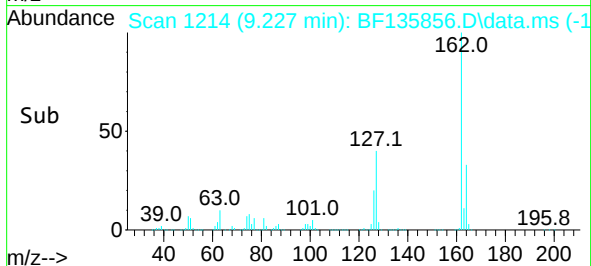
Tgt Ion:162 Resp: 39380
Ion Ratio Lower Upper
162 100
127 40.4 34.7 52.1
164 32.6 25.6 38.4

Manual Integrations

APPROVED

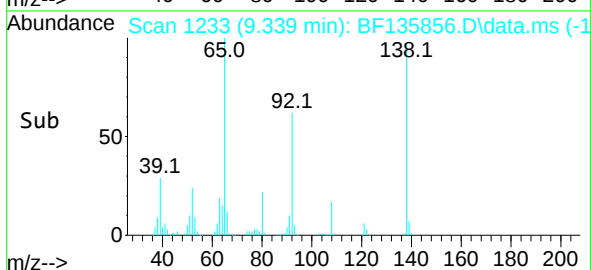
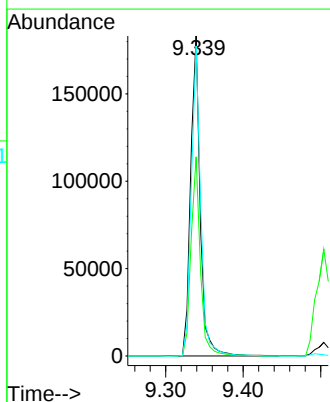
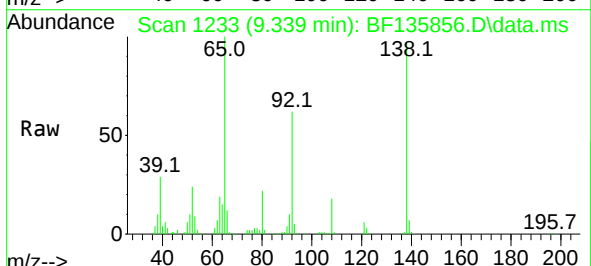
Reviewed By :Yogesh Patel 10/19/2023

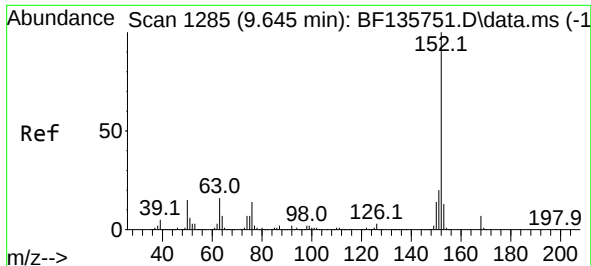
Supervised By :mohammad ahmed 10/20/2023



#48
2-Nitroaniline
Concen: 42.587 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion: 65 Resp: 157446
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.0
138 96.9 76.6 114.8





#49

Acenaphthylene

Concen: 41.698 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 646314

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

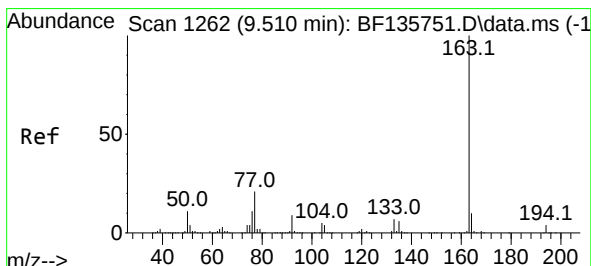
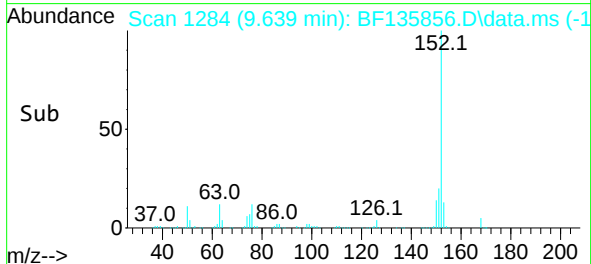
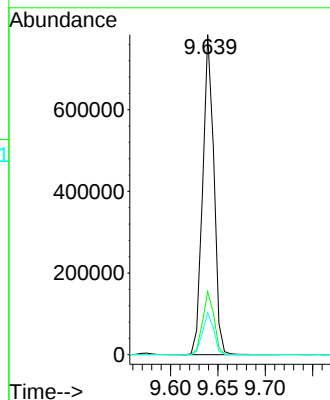
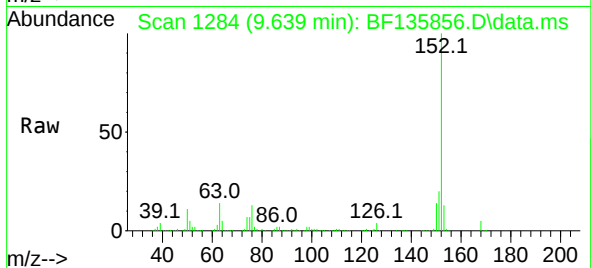
153 13.1 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#50

Dimethylphthalate

Concen: 41.295 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

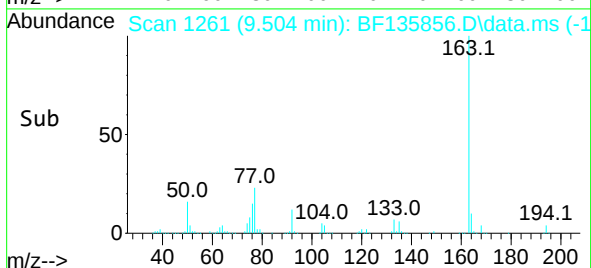
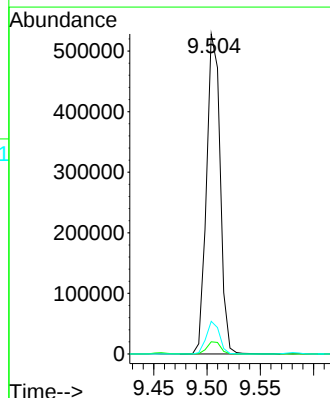
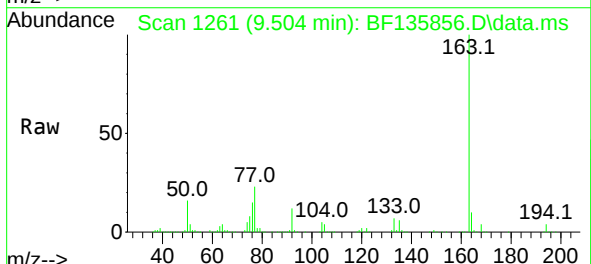
Tgt Ion:163 Resp: 472954

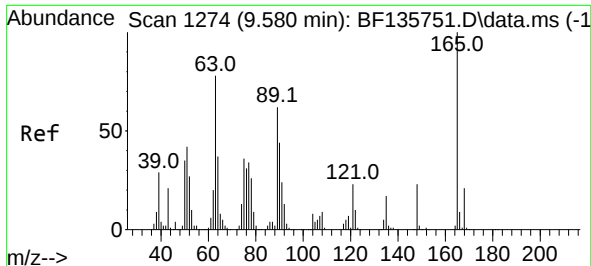
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 7.9 11.9





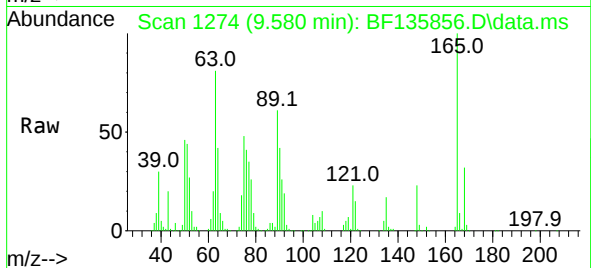
#51
2,6-Dinitrotoluene
Concen: 42.785 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

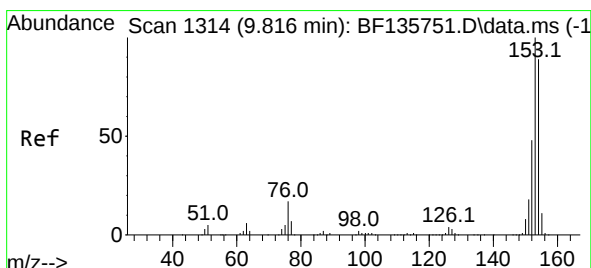
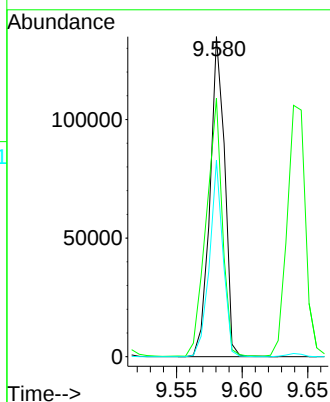
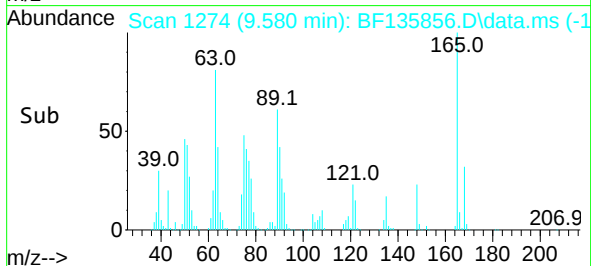
SSTDCCC040



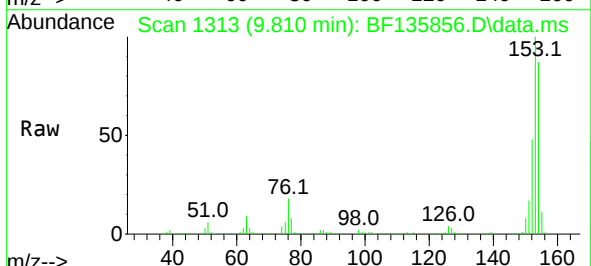
Tgt Ion:165 Resp: 10537
Ion Ratio Lower Upper
165 100
63 80.7 62.2 93.4
89 61.3 49.6 74.4

Manual Integrations
APPROVED

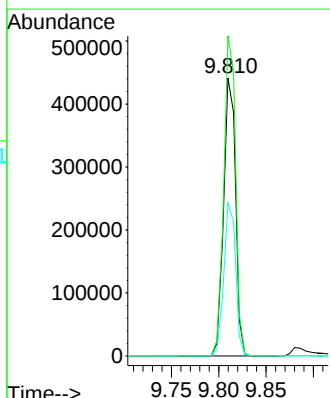
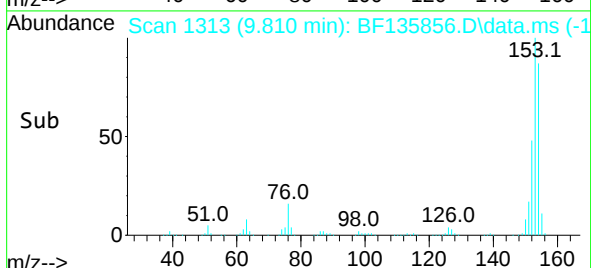
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

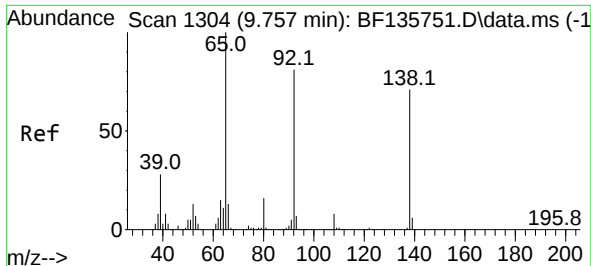


#52
Acenaphthene
Concen: 41.711 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:154 Resp: 387515
Ion Ratio Lower Upper
154 100
153 115.1 90.1 135.1
152 55.0 43.1 64.7





#53
3-Nitroaniline
Concen: 42.594 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

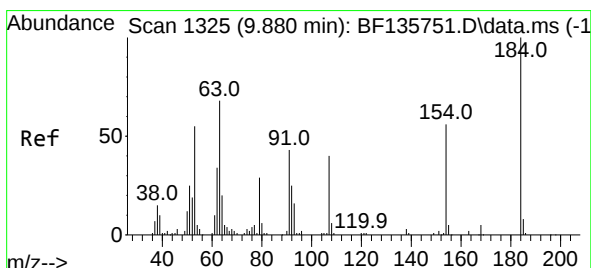
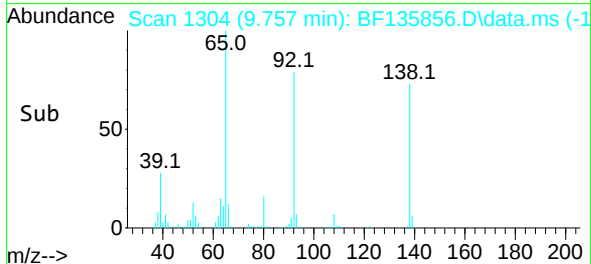
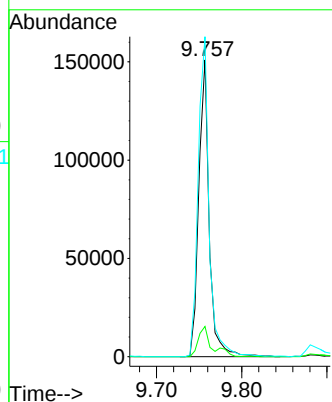
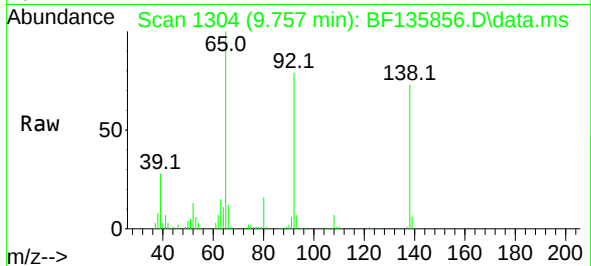
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 128600
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 107.8 91.3 136.9

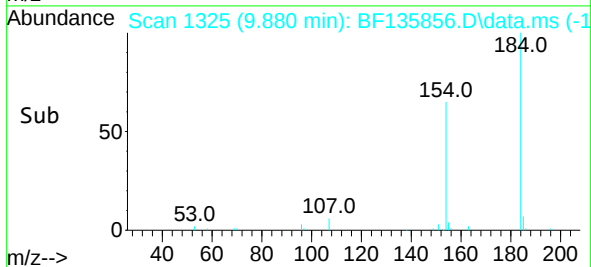
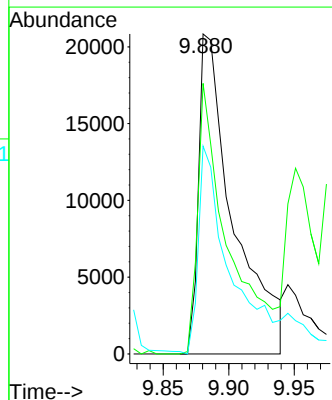
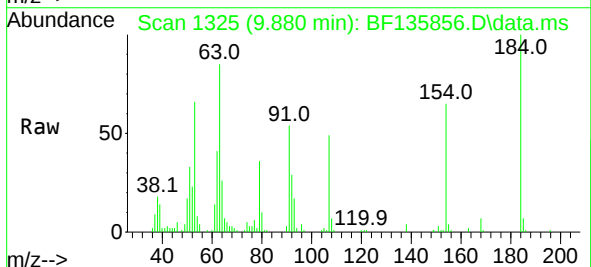
Manual Integrations
APPROVED

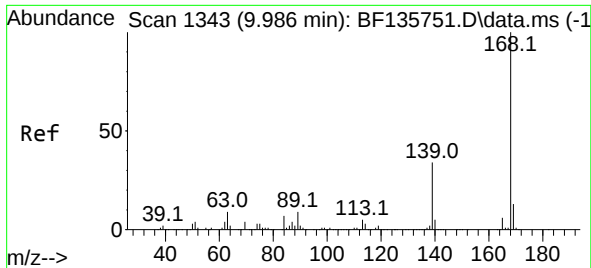
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#54
2,4-Dinitrophenol
Concen: 37.327 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:184 Resp: 38376
Ion Ratio Lower Upper
184 100
63 84.6 54.6 81.8#
154 65.0 45.0 67.4





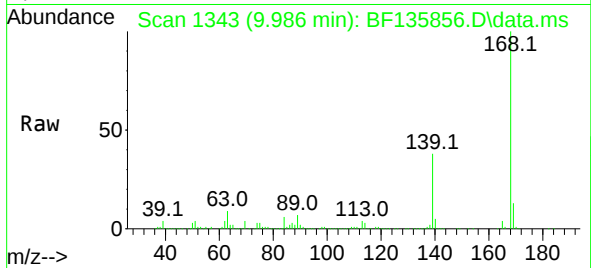
#55
Dibenzenofuran
Concen: 43.148 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



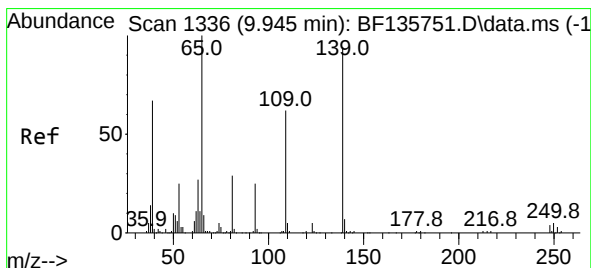
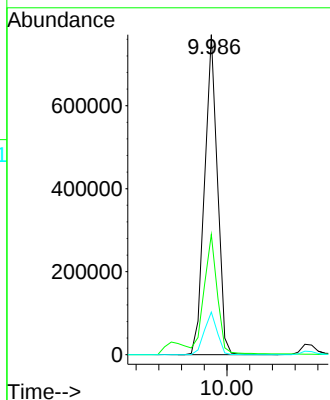
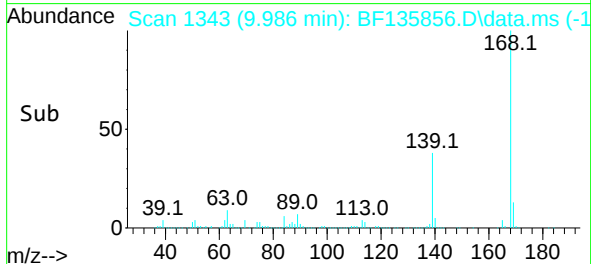
Tgt Ion:168 Resp: 604840
Ion Ratio Lower Upper
168 100
139 37.6 31.0 46.4
169 13.3 10.7 16.1

Manual Integrations

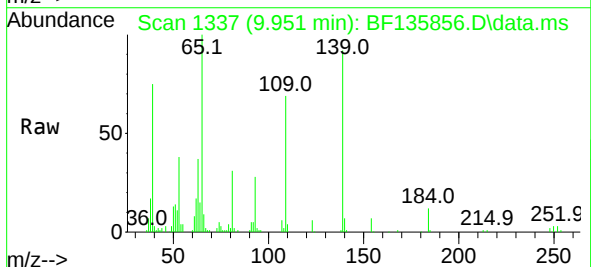
APPROVED

Reviewed By :Yogesh Patel 10/19/2023

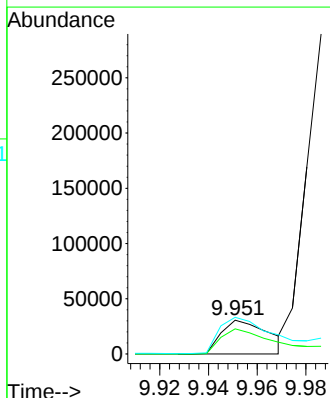
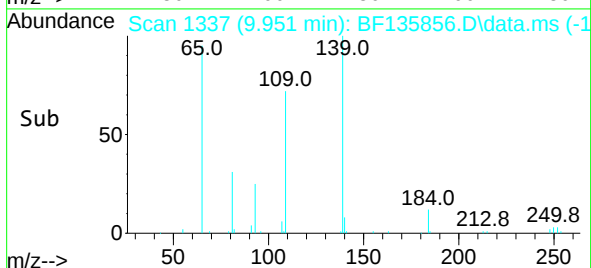
Supervised By :mohammad ahmed 10/20/2023

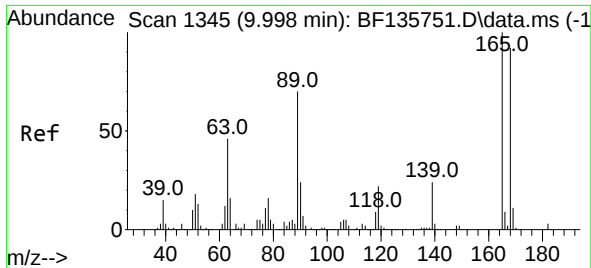


#56
4-Nitrophenol
Concen: 32.678 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:139 Resp: 40379
Ion Ratio Lower Upper
139 100
109 74.3 45.6 85.6
65 108.2 87.5 127.5





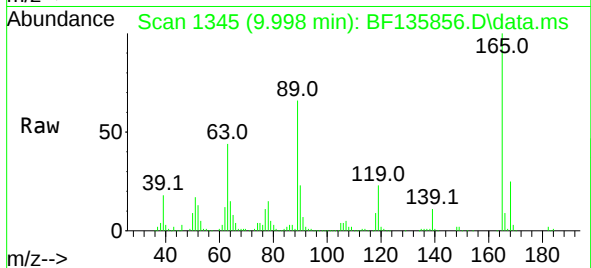
#57
2,4-Dinitrotoluene
Concen: 44.587 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



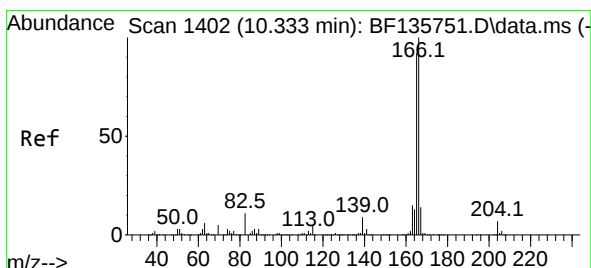
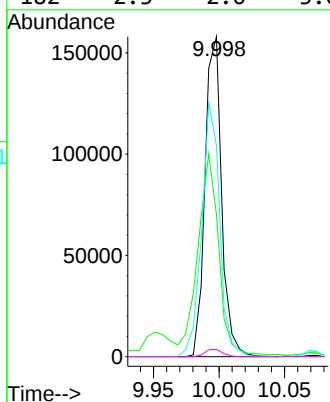
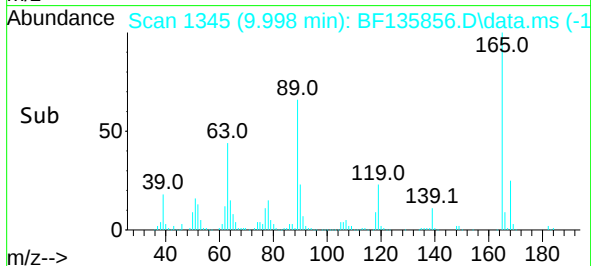
Tgt Ion:165 Resp: 139708
Ion Ratio Lower Upper
165 100
63 44.5 39.0 58.4
89 66.1 55.9 83.9
182 2.3 2.0 3.0

Manual Integrations

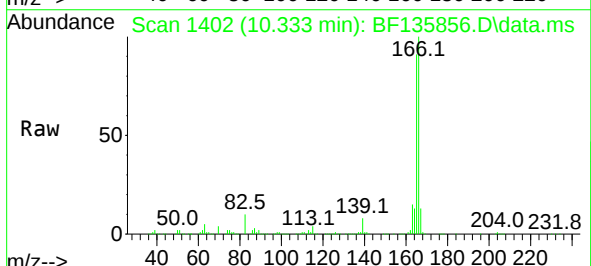
APPROVED

Reviewed By :Yogesh Patel 10/19/2023

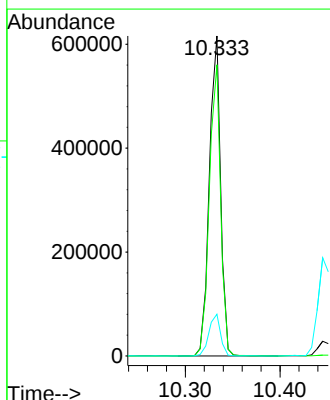
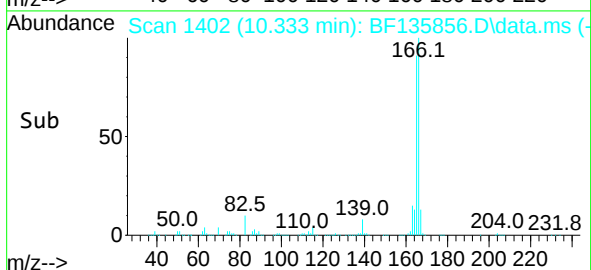
Supervised By :mohammad ahmed 10/20/2023

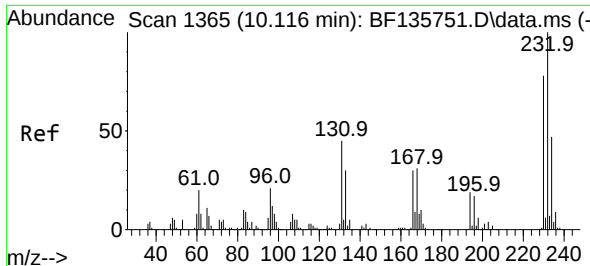


#58
Fluorene
Concen: 46.154 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



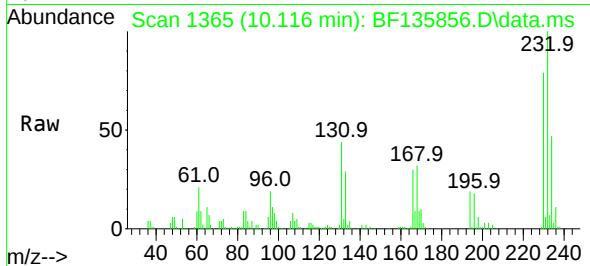
Tgt Ion:166 Resp: 506510
Ion Ratio Lower Upper
166 100
165 91.0 73.4 110.0
167 13.1 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.936 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

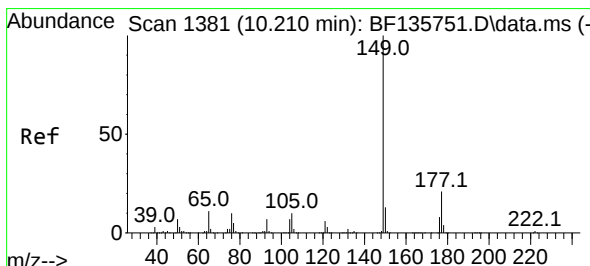
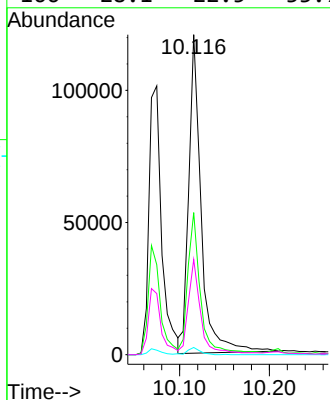
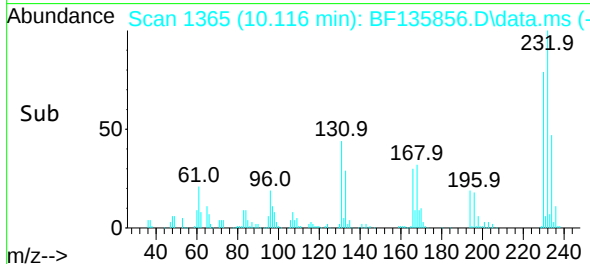
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



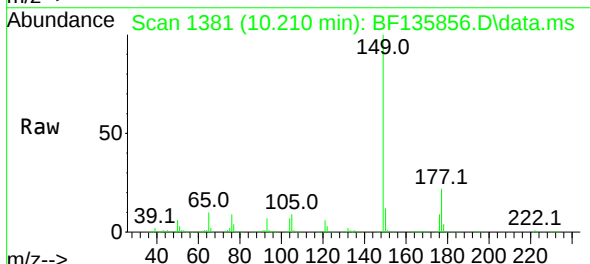
Tgt Ion:232 Resp: 11592
Ion Ratio Lower Upper
232 100
131 45.5 35.8 53.6
130 2.3 1.9 2.9
166 28.1 22.5 33.7

Manual Integrations
APPROVED

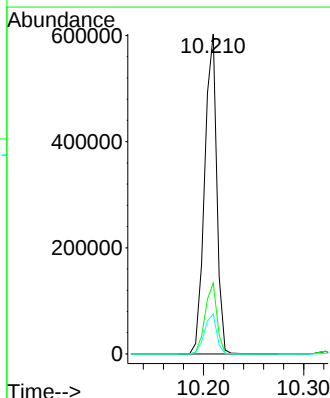
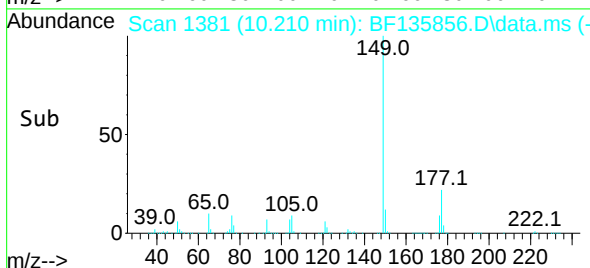
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

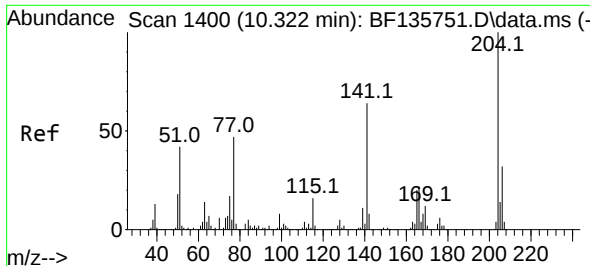


#60
Diethylphthalate
Concen: 43.537 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



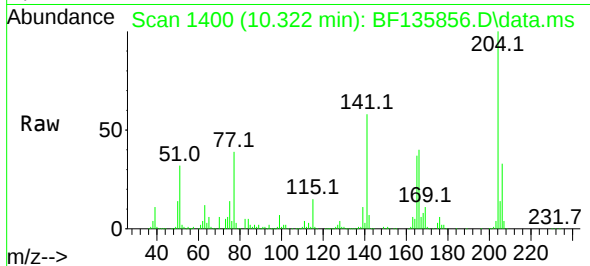
Tgt Ion:149 Resp: 509050
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.184 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

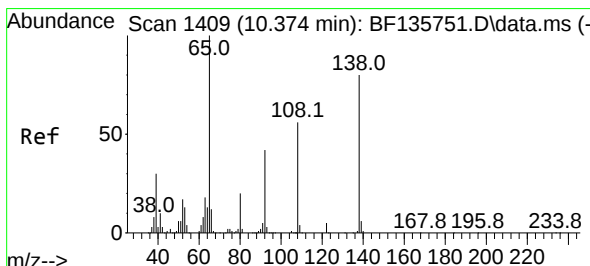
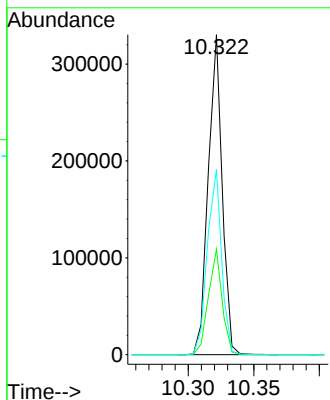
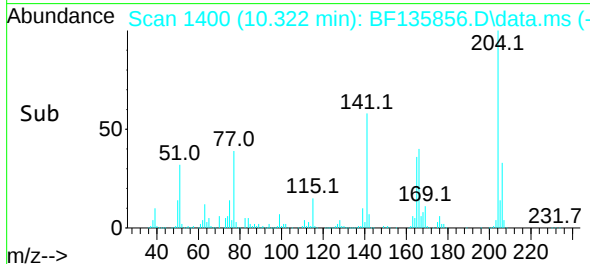
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



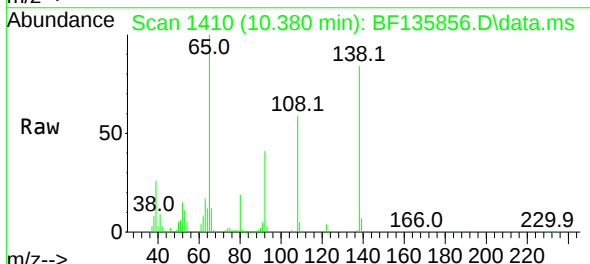
Tgt Ion:204 Resp: 244960
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 57.9 51.4 77.0

Manual Integrations
APPROVED

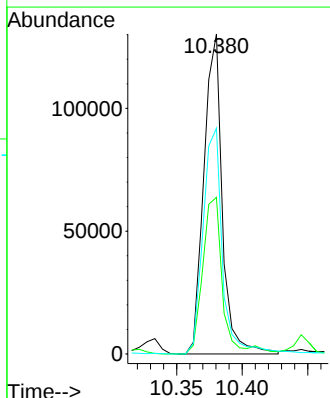
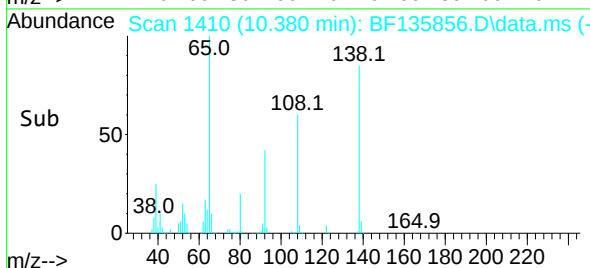
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

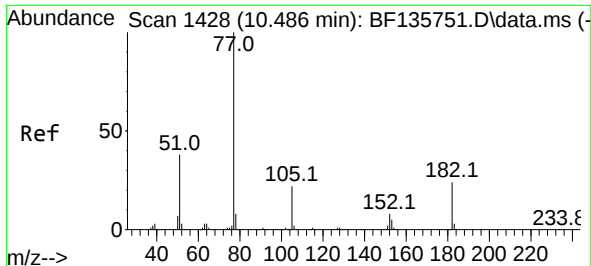


#62
4-Nitroaniline
Concen: 45.950 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:138 Resp: 127645
Ion Ratio Lower Upper
138 100
92 48.9 31.9 71.9
108 70.6 49.7 89.7





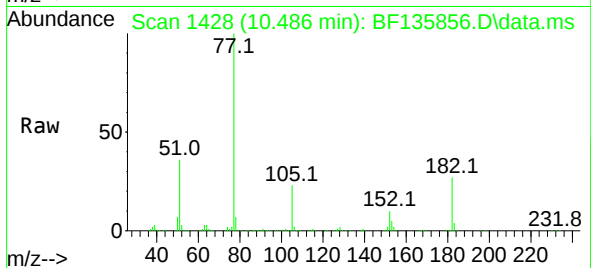
#63
Azobenzene
Concen: 46.540 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



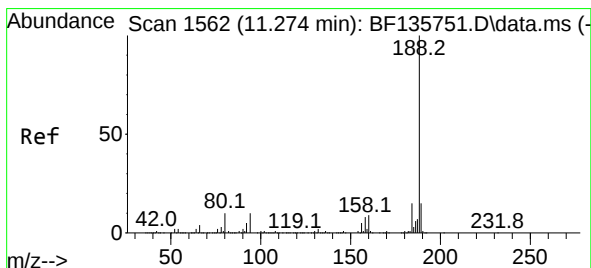
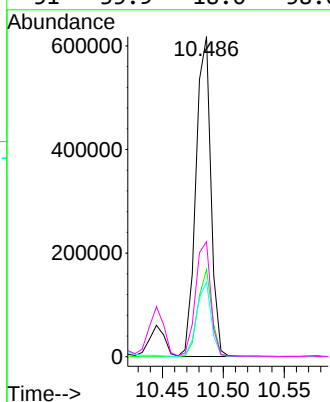
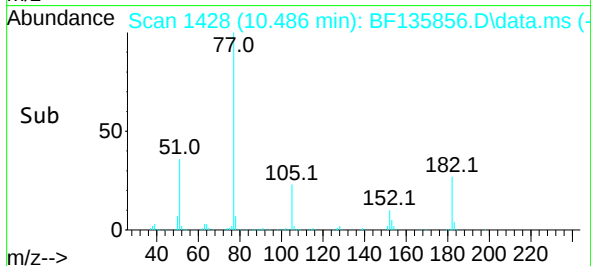
Tgt Ion: 77 Resp: 528689
Ion Ratio Lower Upper
77 100
182 27.2 3.5 43.5
105 23.3 2.2 42.2
51 35.9 18.0 58.0

Manual Integrations

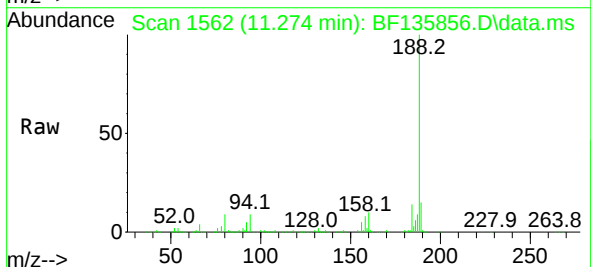
APPROVED

Reviewed By :Yogesh Patel 10/19/2023

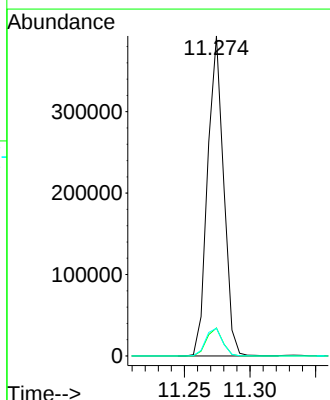
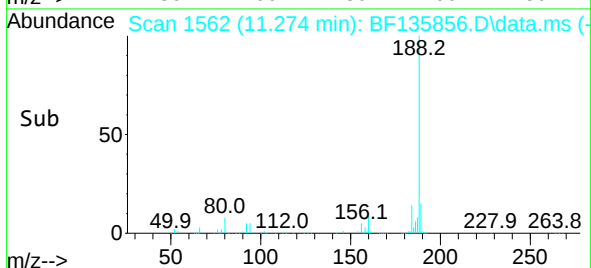
Supervised By :mohammad ahmed 10/20/2023

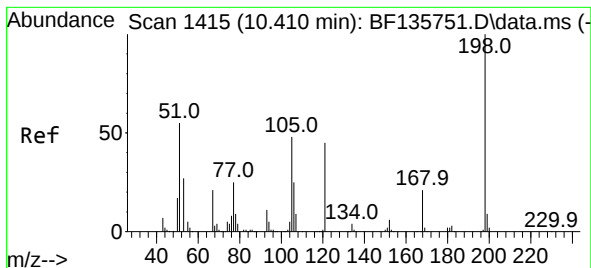


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:188 Resp: 334686
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 8.7 8.3 12.5





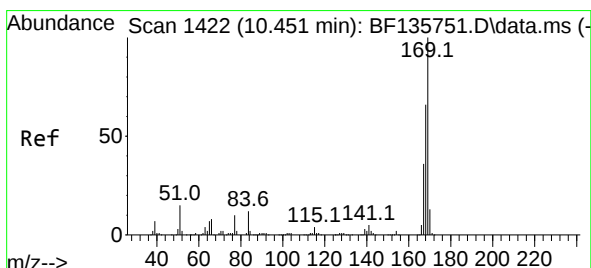
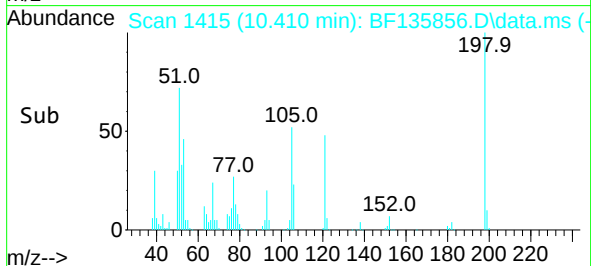
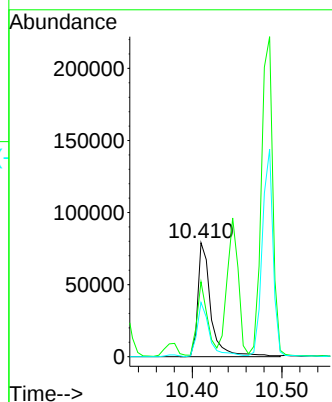
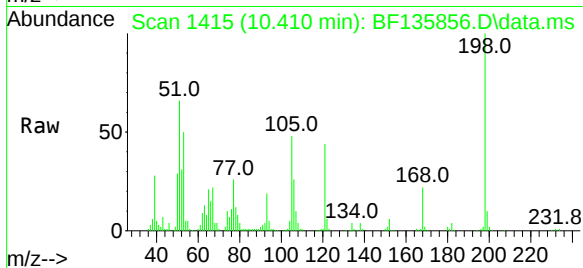
#65
4,6-Dinitro-2-methylphenol
Concen: 46.949 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 79079
Ion Ratio Lower Upper
198 100
51 65.7 47.6 87.6
105 47.7 29.2 69.2

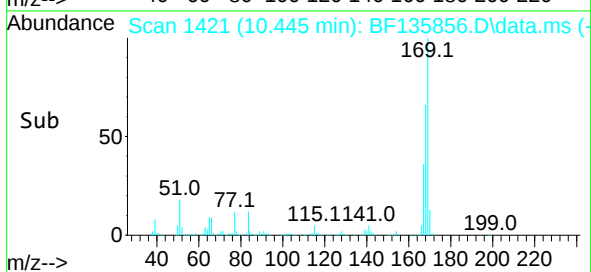
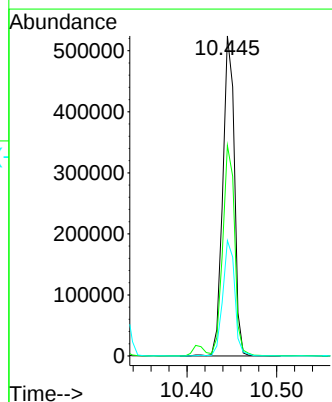
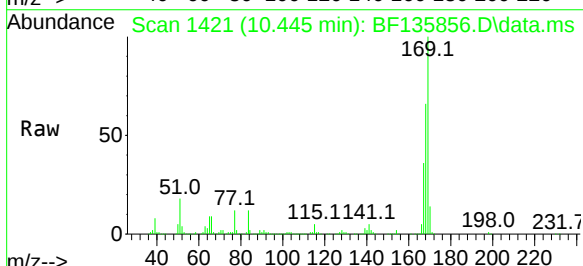
Manual Integrations
APPROVED

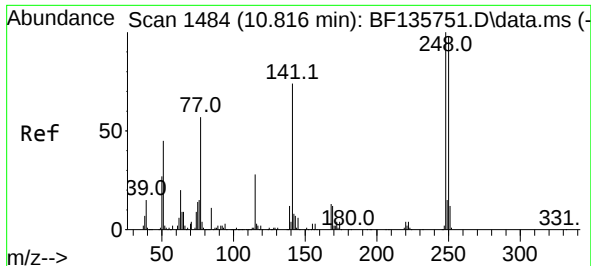
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#66
n-Nitrosodiphenylamine
Concen: 46.247 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

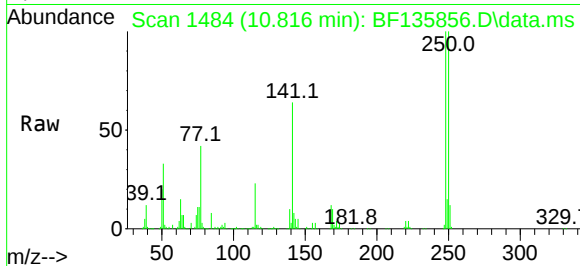
Tgt Ion:169 Resp: 471767
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.2
167 36.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.495 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

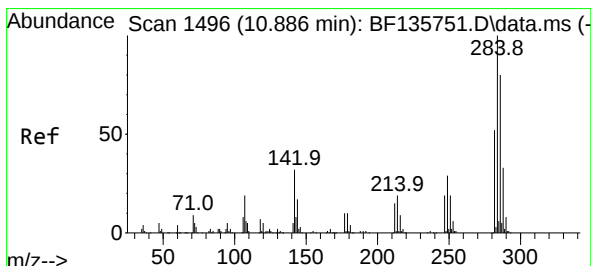
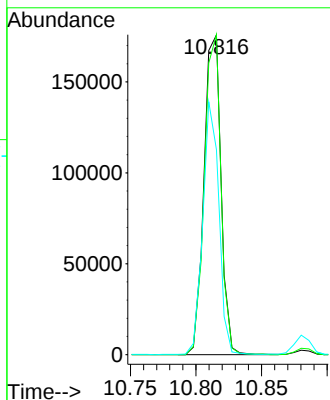
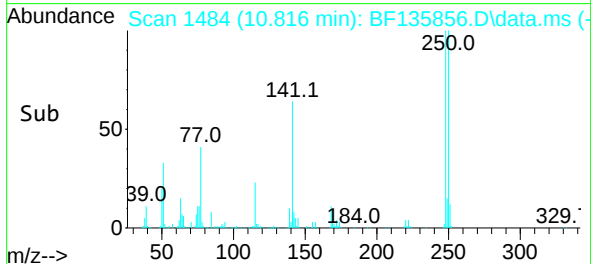
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



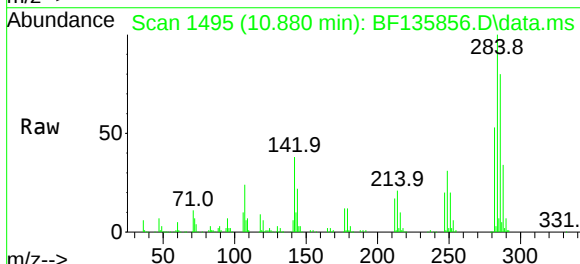
Tgt Ion:248 Resp: 15956
Ion Ratio Lower Upper
248 100
250 100.1 78.0 117.0
141 64.2 59.0 88.6

Manual Integrations
APPROVED

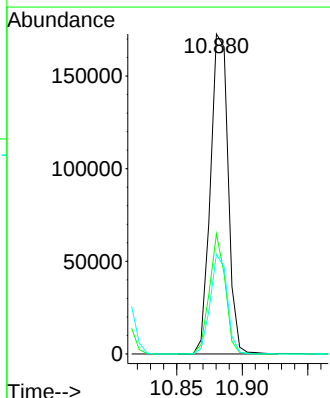
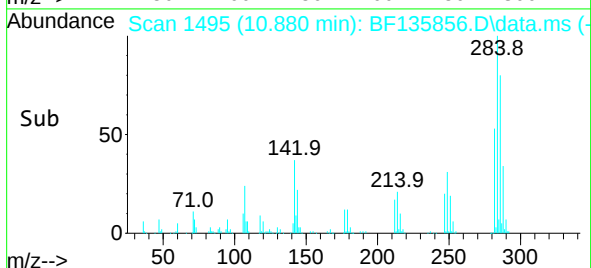
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

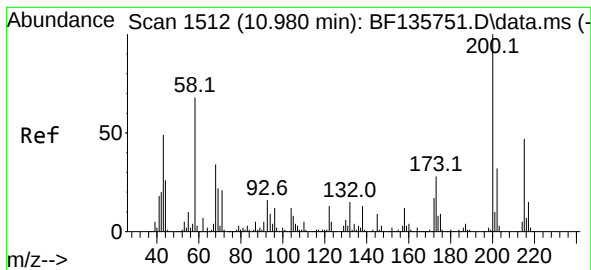


#68
Hexachlorobenzene
Concen: 47.342 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



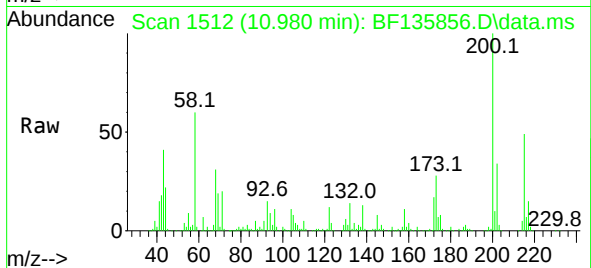
Tgt Ion:284 Resp: 161933
Ion Ratio Lower Upper
284 100
142 37.6 25.3 37.9
249 31.2 23.5 35.3





#69
Atrazine
Concen: 45.662 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

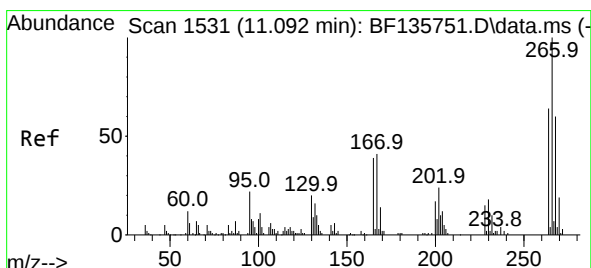
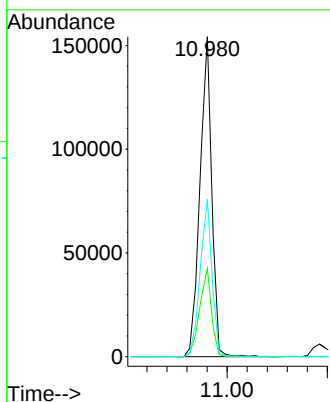
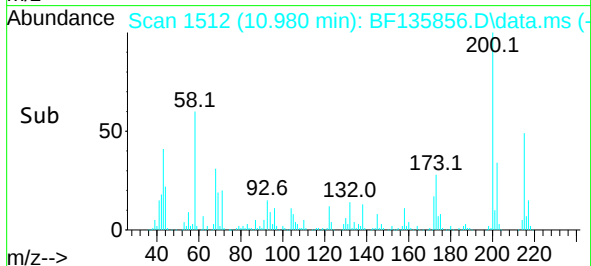
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



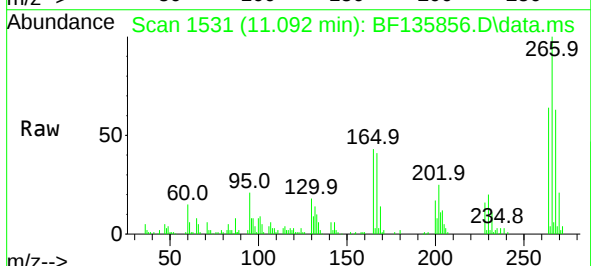
Tgt Ion:200 Resp: 126699
Ion Ratio Lower Upper
200 100
173 27.6 7.6 47.6
215 49.2 27.1 67.1

Manual Integrations
APPROVED

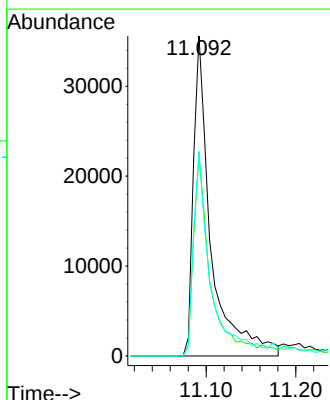
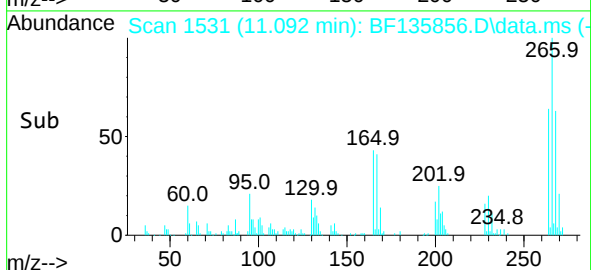
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

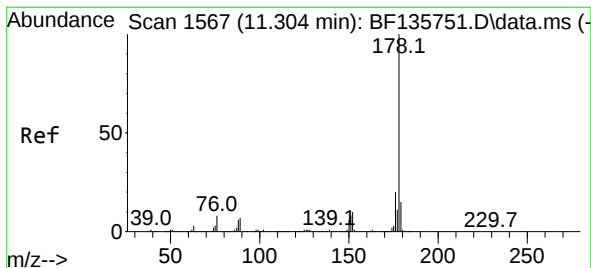


#70
Pentachlorophenol
Concen: 35.825 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:266 Resp: 48330
Ion Ratio Lower Upper
266 100
268 62.7 47.7 71.5
264 64.0 51.4 77.2





#71

Phenanthrene

Concen: 41.533 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 665899

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

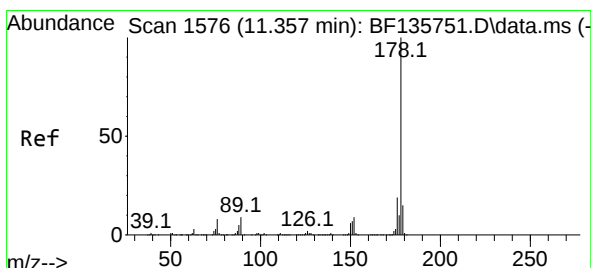
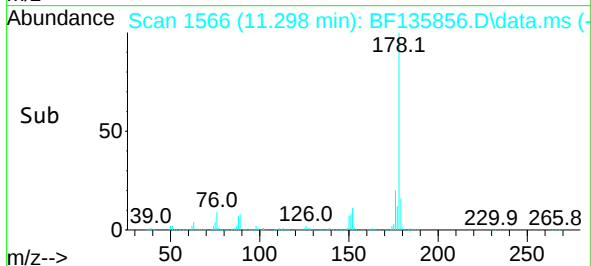
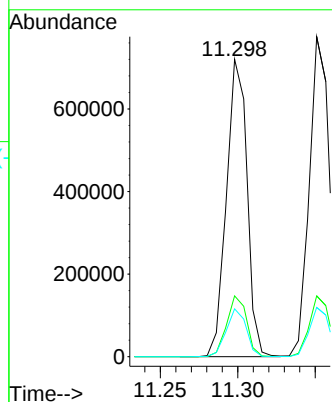
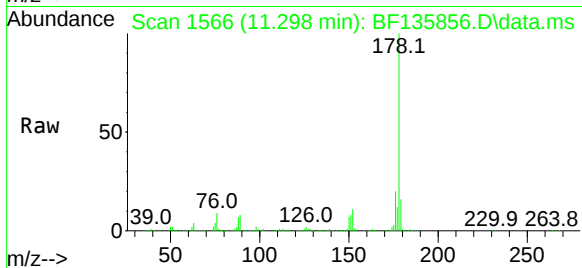
179 16.1 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#72

Anthracene

Concen: 42.184 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

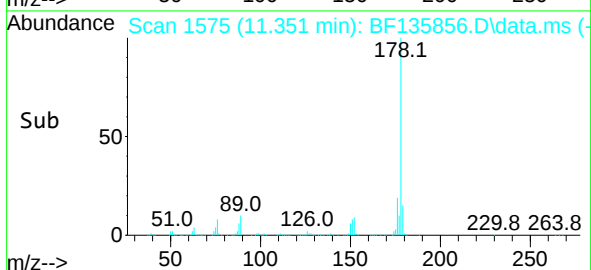
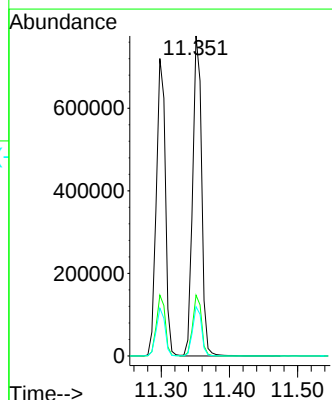
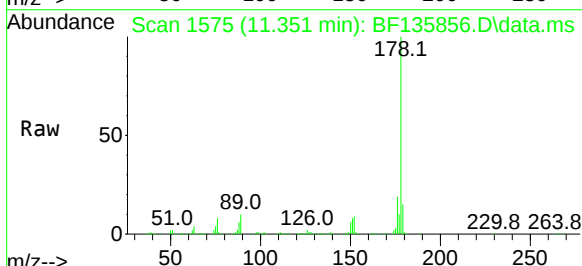
Tgt Ion:178 Resp: 700838

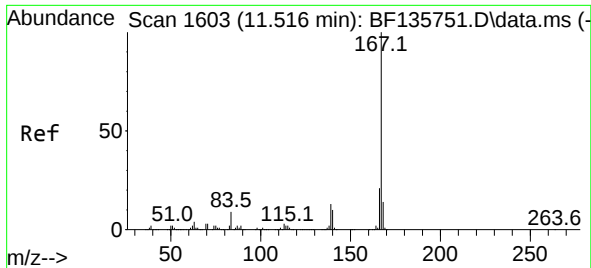
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.4 12.3 18.5





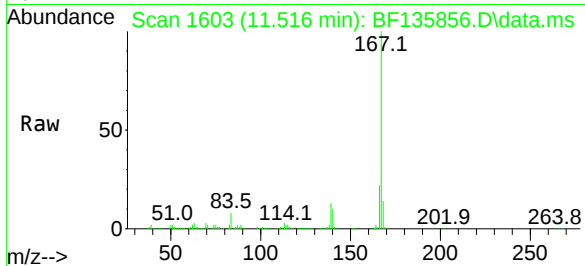
#73
 Carbazole
 Concen: 42.007 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



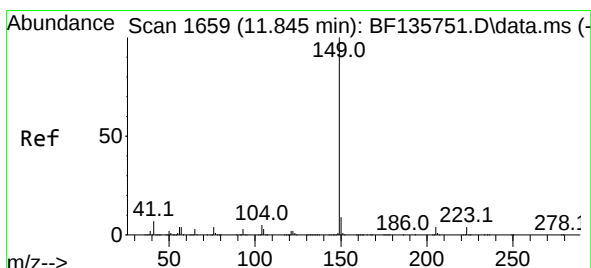
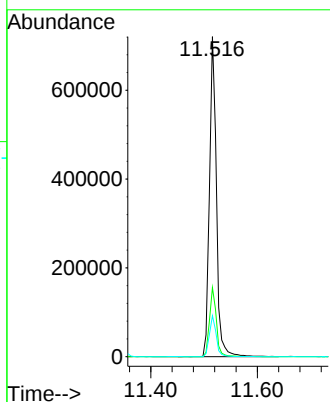
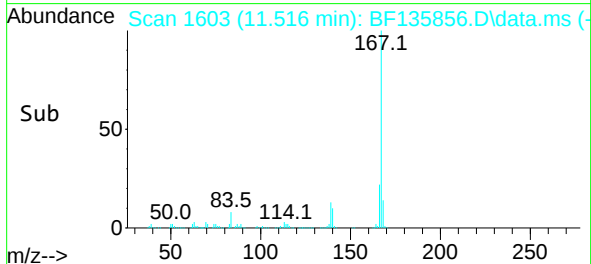
Tgt Ion:167 Resp: 65089
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations

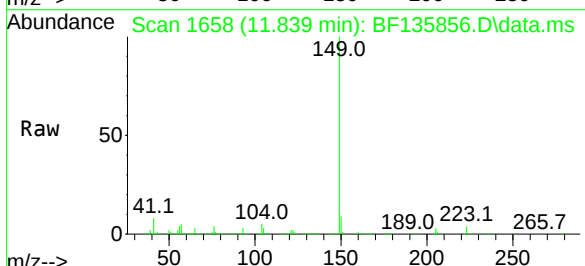
APPROVED

Reviewed By :Yogesh Patel 10/19/2023

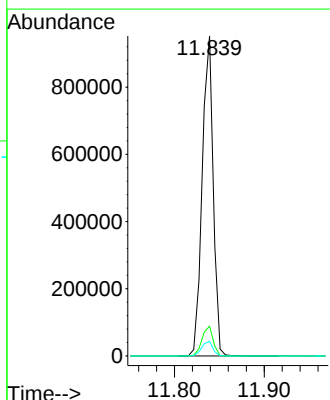
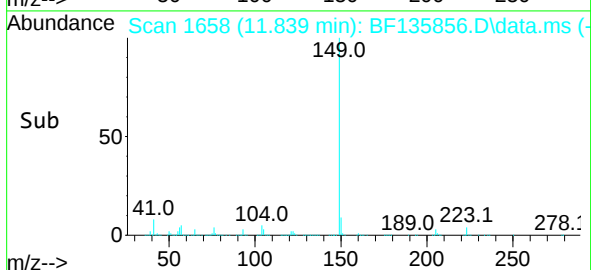
Supervised By :mohammad ahmed 10/20/2023

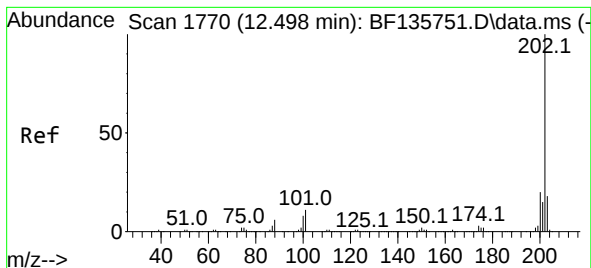


#74
 Di-n-butylphthalate
 Concen: 42.671 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52



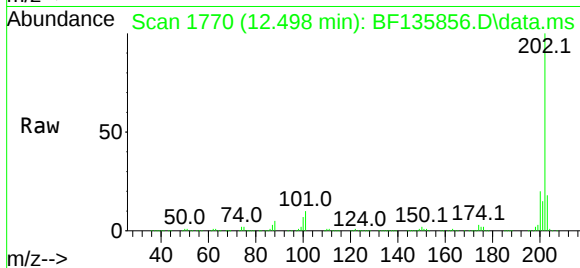
Tgt Ion:149 Resp: 811784
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.6 3.7 5.5





#75
Fluoranthene
Concen: 45.029 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

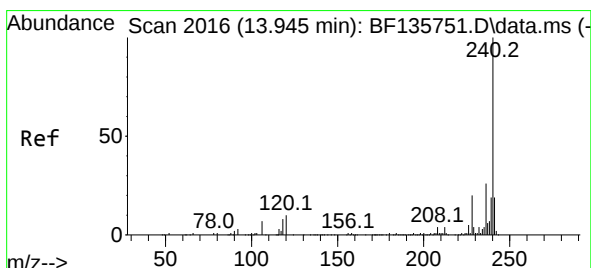
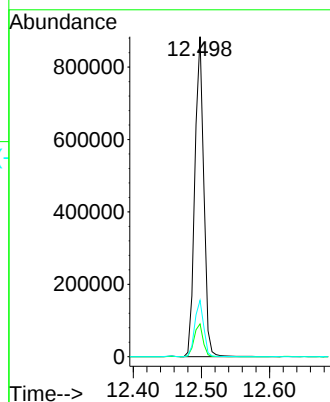
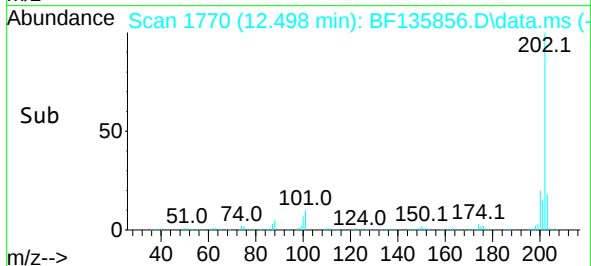
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



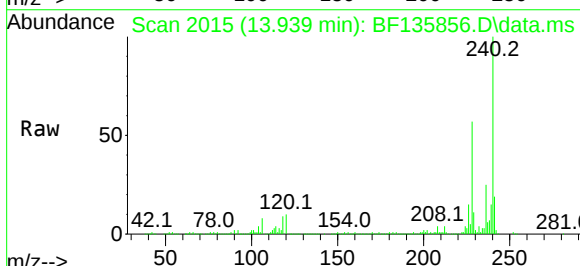
Tgt Ion:202 Resp: 801270
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.5
203 17.6 0.0 38.3

Manual Integrations
APPROVED

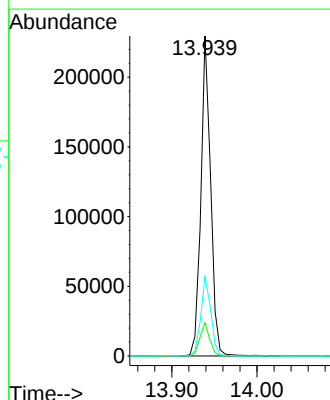
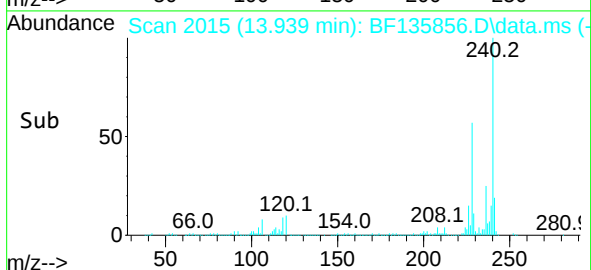
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

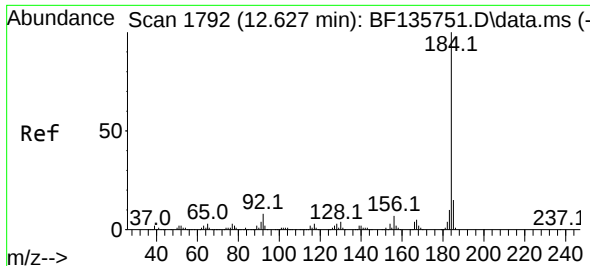


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



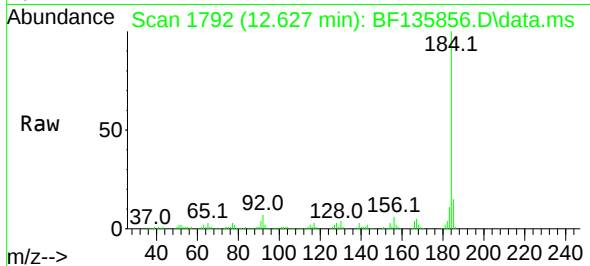
Tgt Ion:240 Resp: 182831
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 24.8 21.2 31.8





#77
Benzidine
Concen: 48.403 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

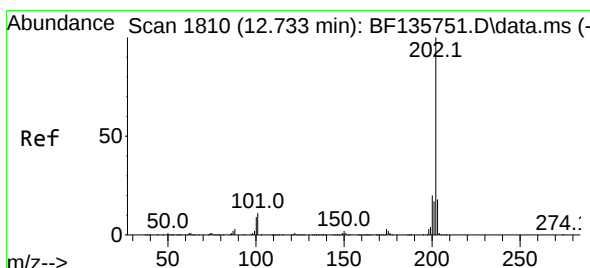
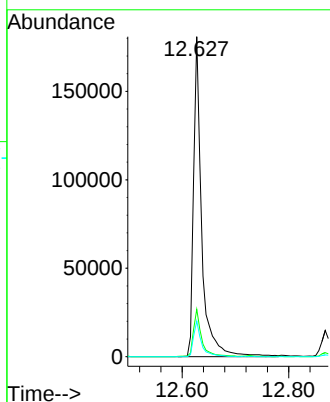
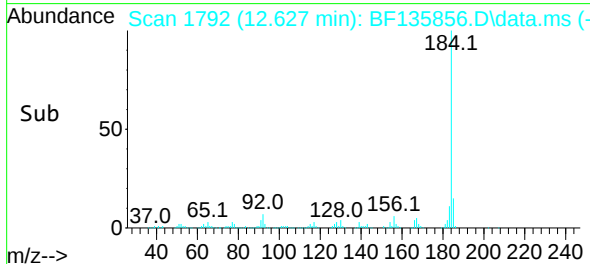
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



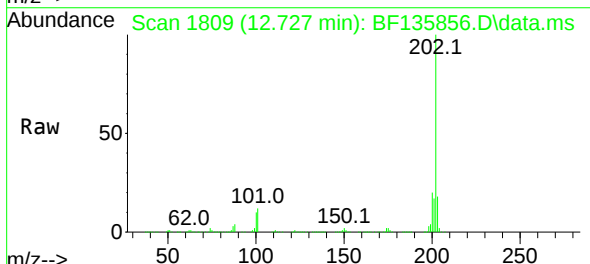
Tgt Ion:184 Resp: 193104
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.1 8.2 12.2

Manual Integrations
APPROVED

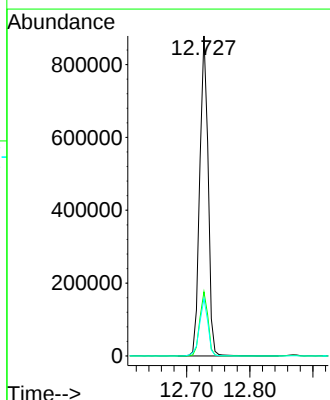
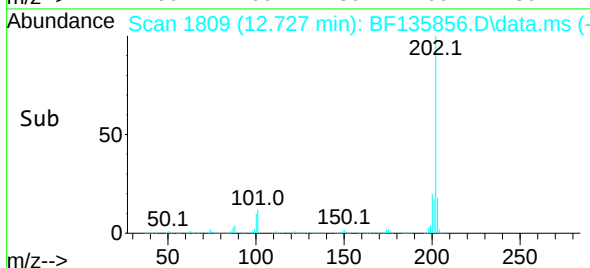
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

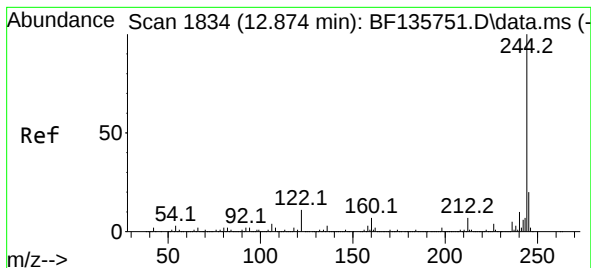


#78
Pyrene
Concen: 55.441 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52



Tgt Ion:202 Resp: 805492
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 108.680 ng

RT: 12.868 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135856.D

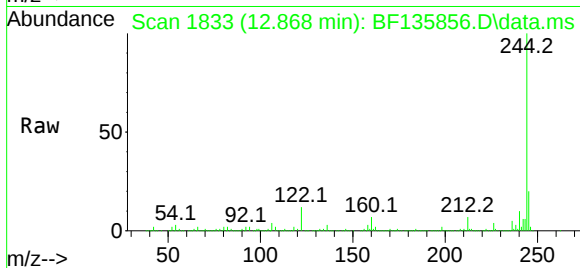
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 1072940

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

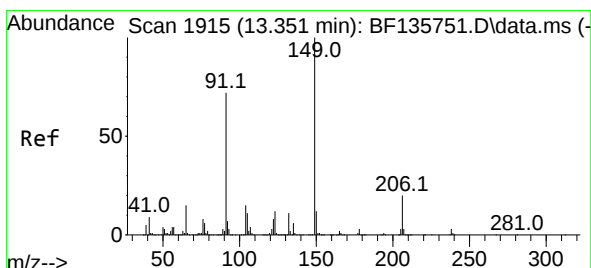
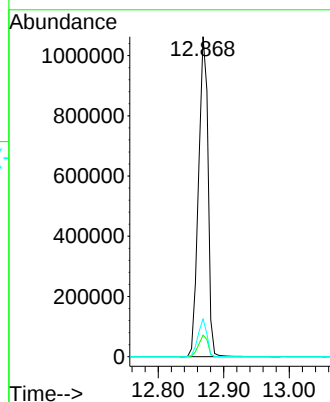
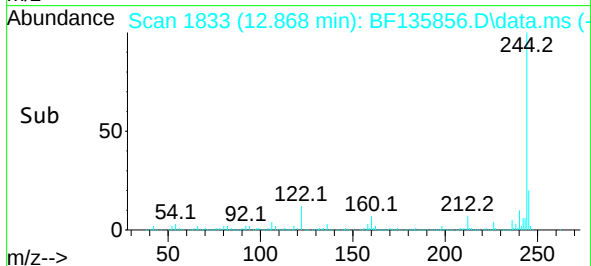
122 11.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#80

Butylbenzylphthalate

Concen: 44.047 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.012 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

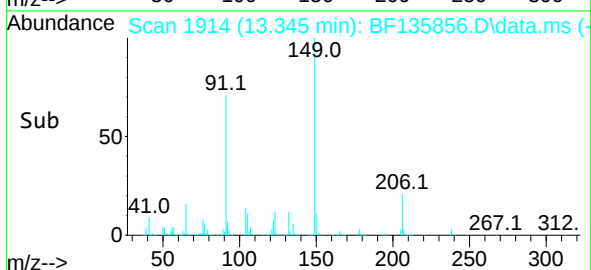
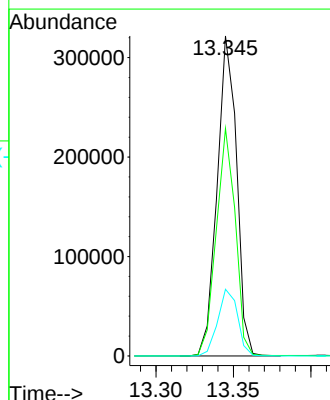
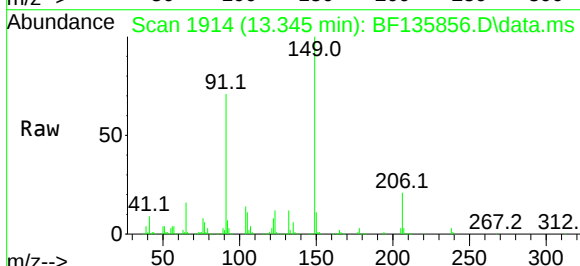
Tgt Ion:149 Resp: 281217

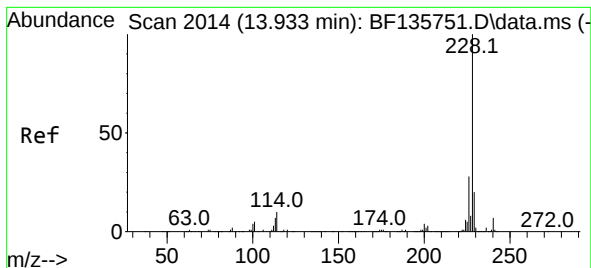
Ion Ratio Lower Upper

149 100

91 71.1 57.4 86.0

206 20.9 16.2 24.4





#81

Benzo(a)anthracene

Concen: 42.457 ng

RT: 13.927 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 509860

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

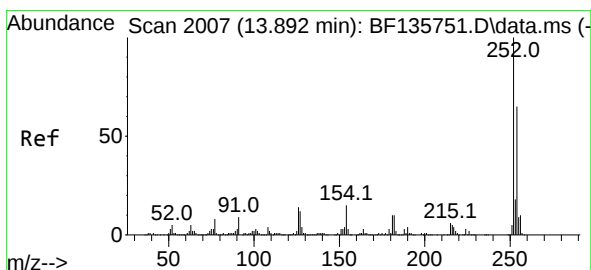
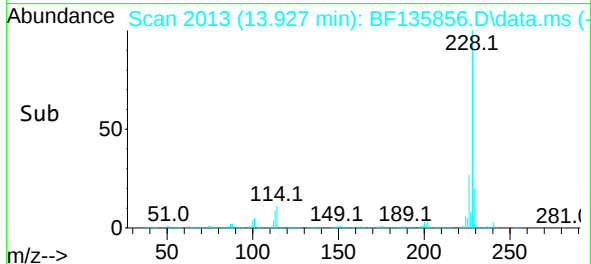
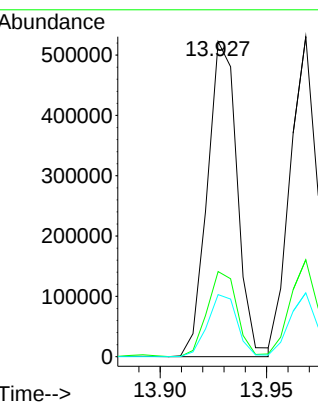
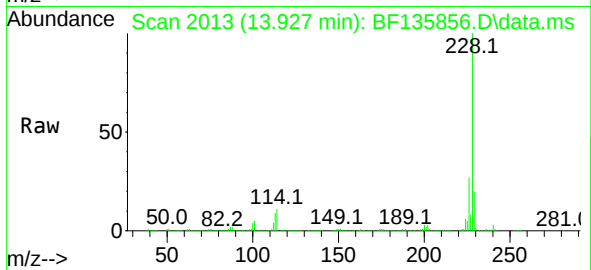
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.784 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

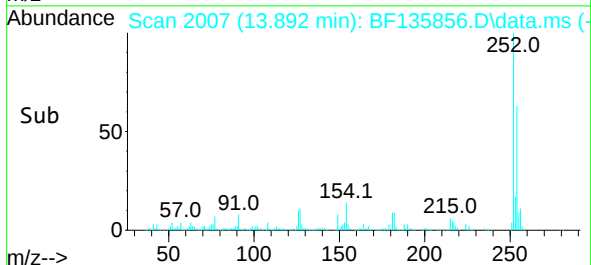
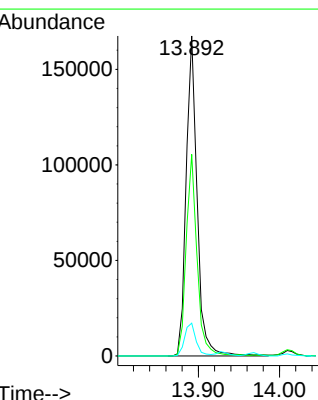
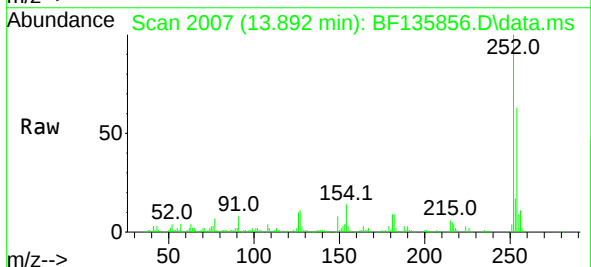
Tgt Ion:252 Resp: 158454

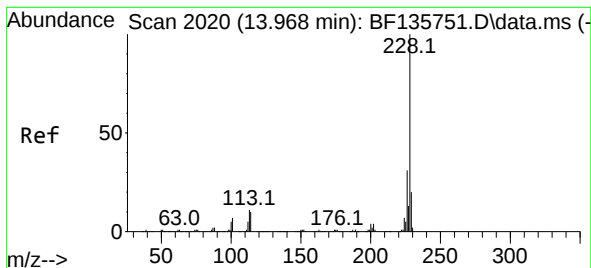
Ion Ratio Lower Upper

252 100

254 63.0 51.8 77.6

126 10.3 11.0 16.4#





#83

Chrysene

Concen: 40.867 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135856.D

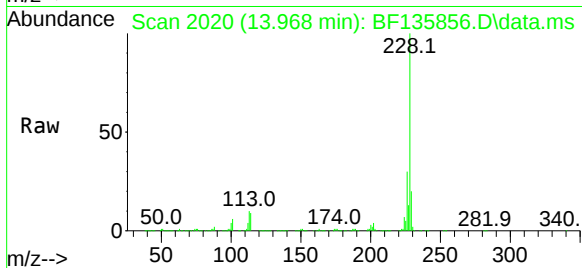
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 47535

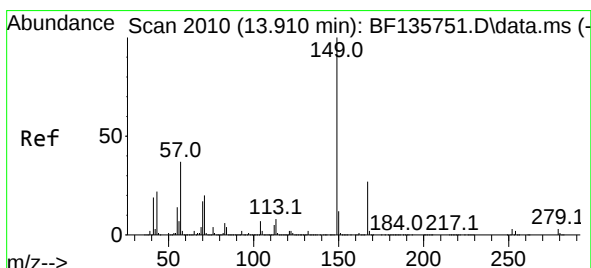
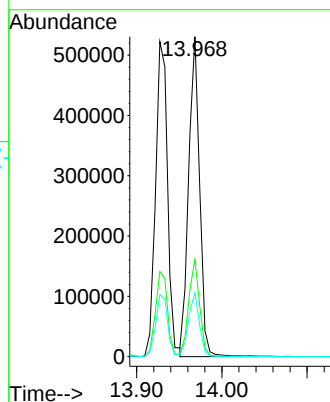
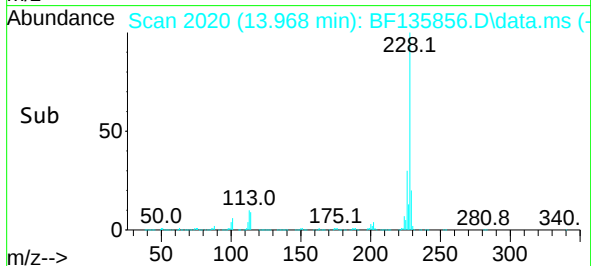
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.940 ng

RT: 13.910 min Scan# 2010

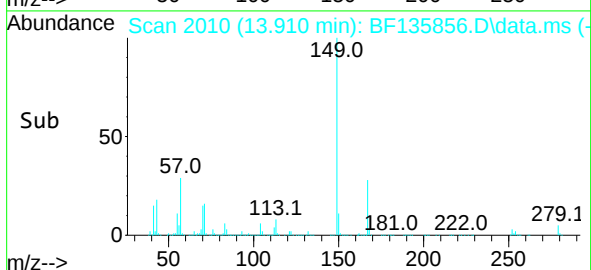
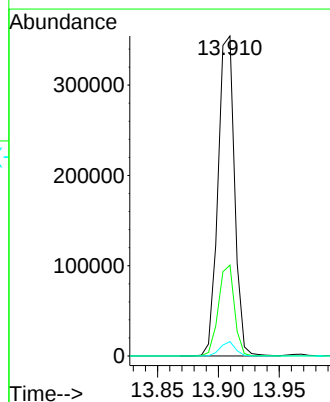
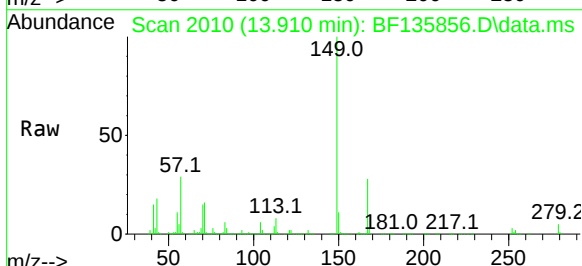
Delta R.T. -0.006 min

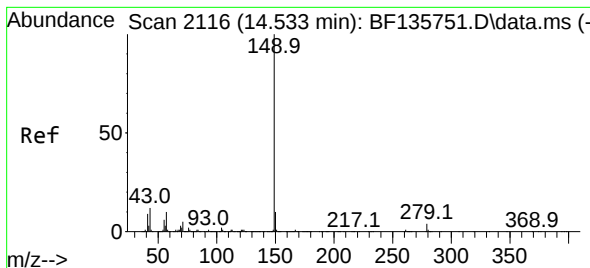
Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Tgt Ion:149 Resp: 336952

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	4.5	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 37.752 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 51800

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

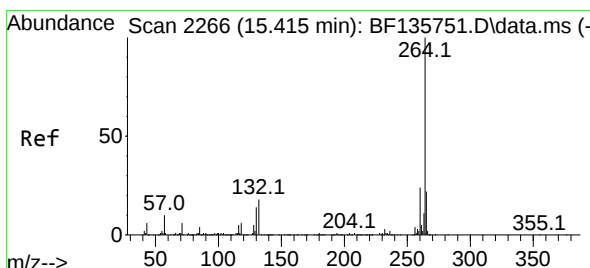
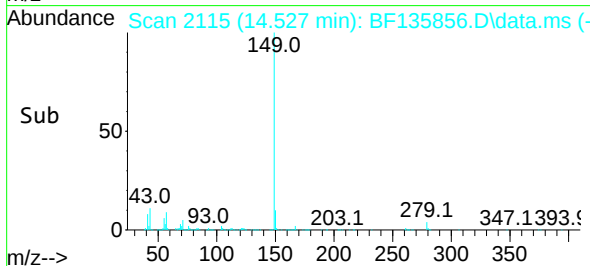
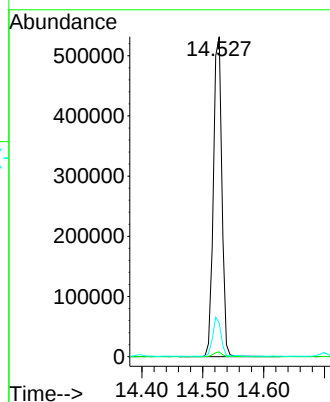
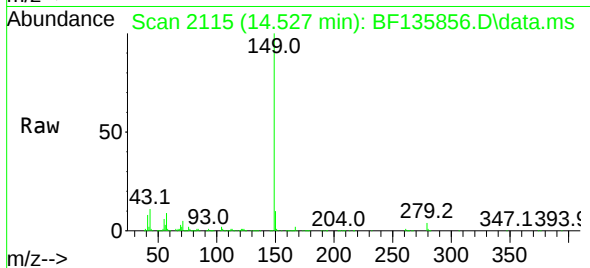
43 11.8 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/19/2023

Supervised By :mohammad ahmed 10/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

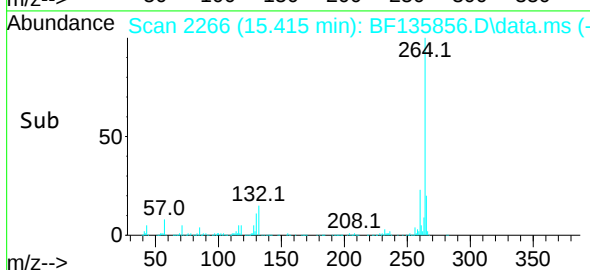
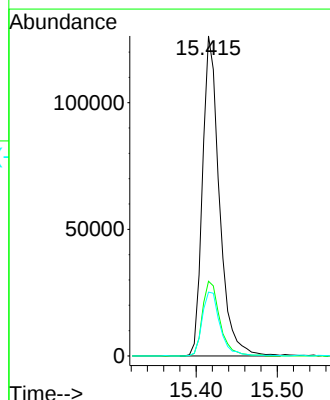
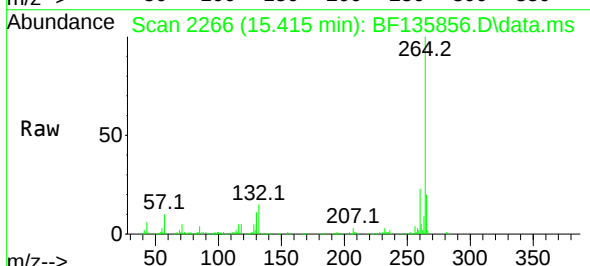
Tgt Ion:264 Resp: 182395

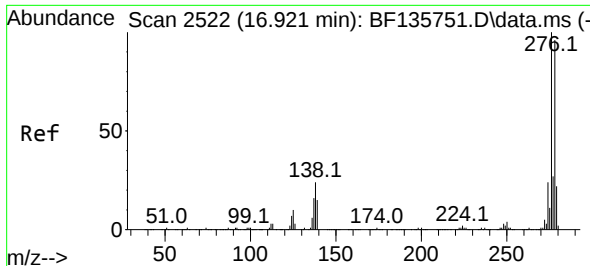
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 19.9 17.4 26.2





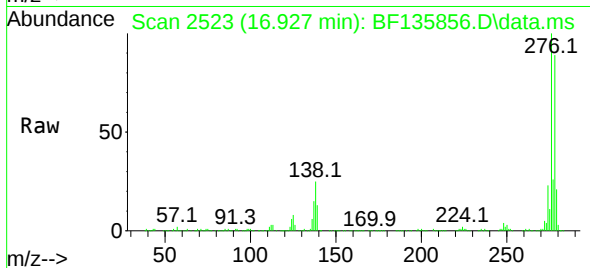
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.467 ng
 RT: 16.927 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



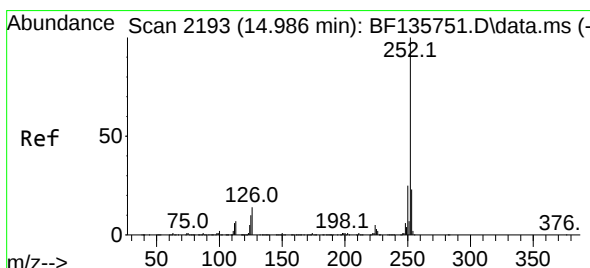
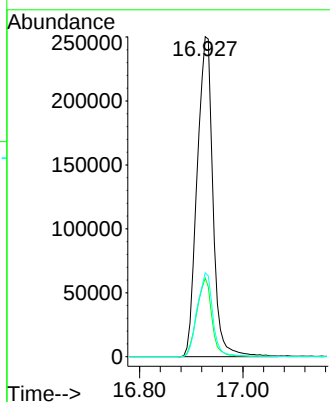
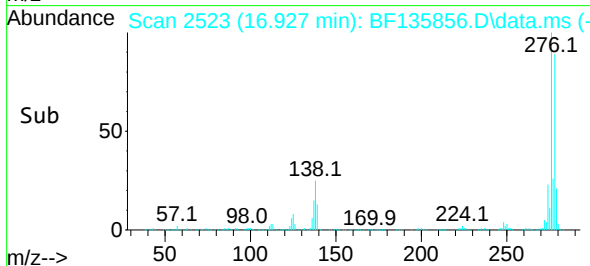
Tgt Ion:276 Resp: 531368
 Ion Ratio Lower Upper
 276 100
 138 23.3 19.8 29.6
 277 25.7 20.2 30.4

Manual Integrations

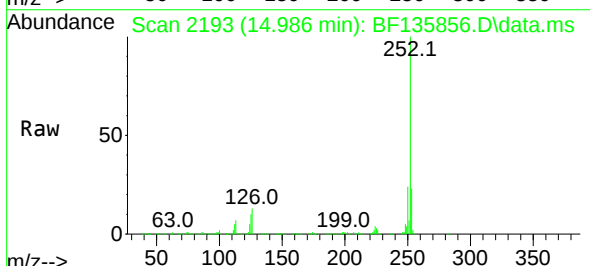
APPROVED

Reviewed By :Yogesh Patel 10/19/2023

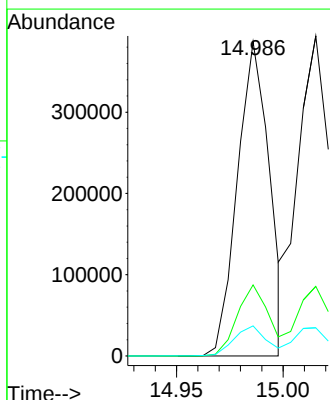
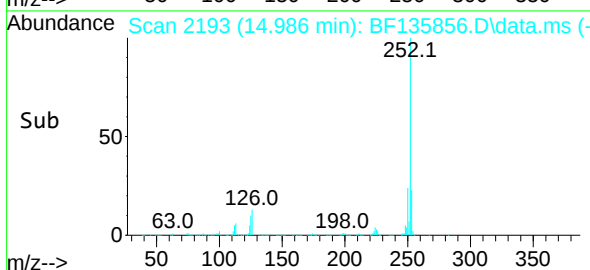
Supervised By :mohammad ahmed 10/20/2023

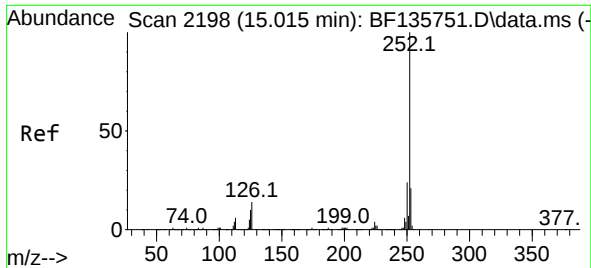


#88
 Benzo(b)fluoranthene
 Concen: 39.852 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52



Tgt Ion:252 Resp: 406808
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.2 27.2
 125 9.6 8.2 12.2





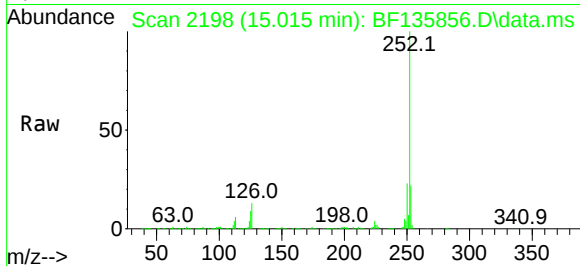
#89
Benzo(k)fluoranthene
Concen: 44.430 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

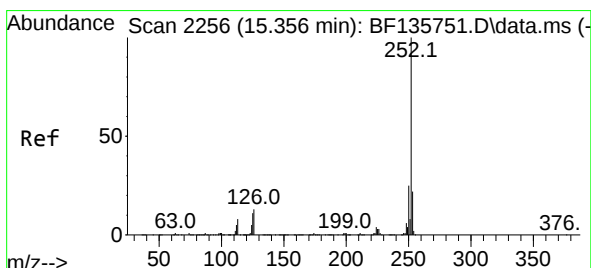
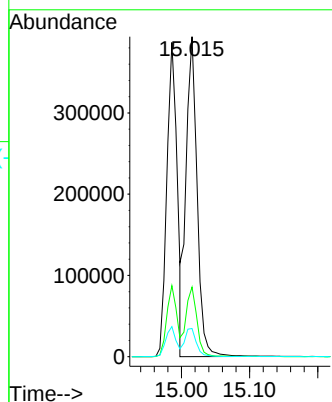
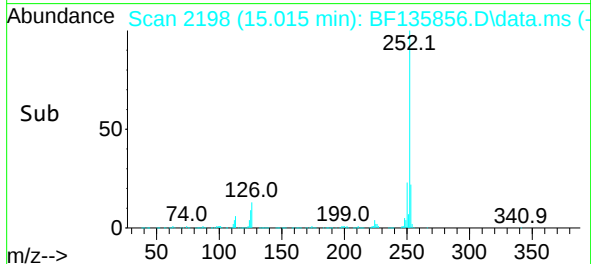


Tgt Ion:252 Resp: 440329
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.8 8.3 12.5

Manual Integrations

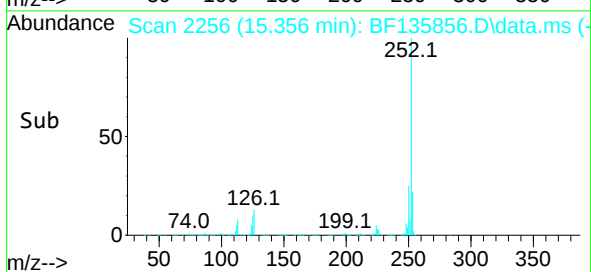
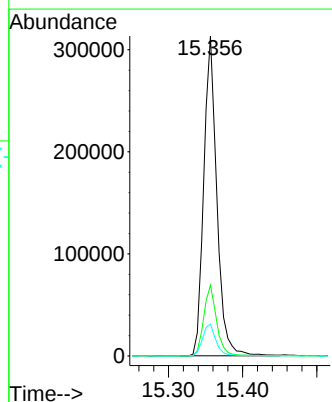
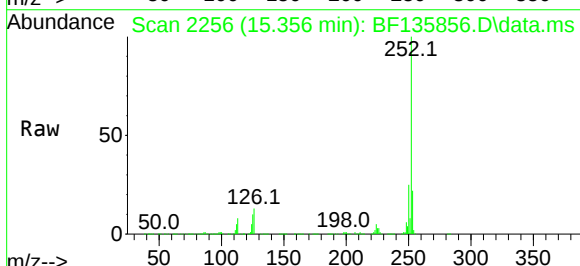
APPROVED

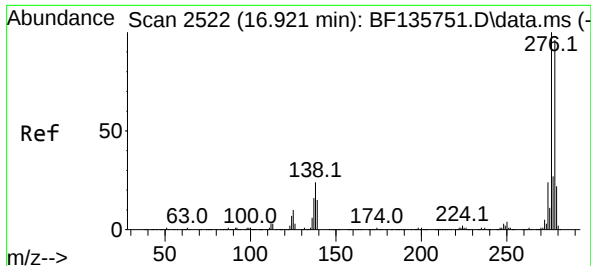
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#90
Benzo(a)pyrene
Concen: 40.004 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

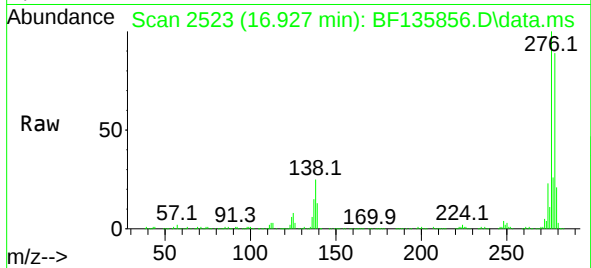
Tgt Ion:252 Resp: 383999
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 54.461 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

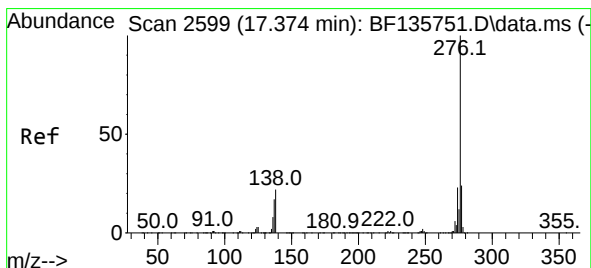
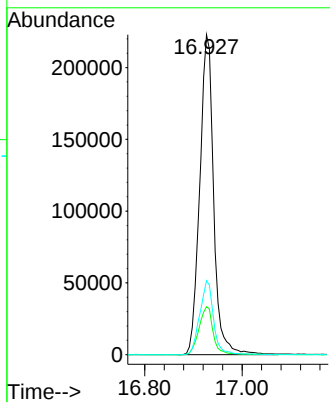
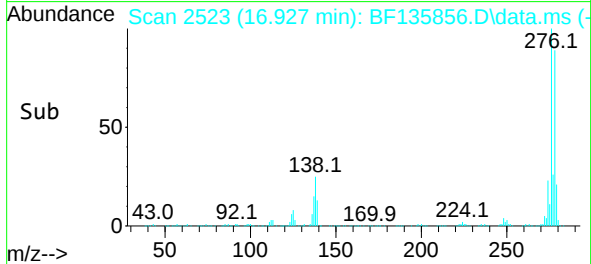
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 443702
Ion Ratio Lower Upper
278 100
139 15.0 12.5 18.7
279 23.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023



#92
Benzo(g,h,i)perylene
Concen: 57.913 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:276 Resp: 484665
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.2
138 19.0 17.3 25.9

