

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135703.D
 Acq On : 11 Oct 2023 10:01
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 00:45:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	109380	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	421723	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	210810	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	422077	20.000	ng	0.00
76) Chrysene-d12	13.939	240	235125	20.000	ng	0.00
86) Perylene-d12	15.410	264	203709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	563505	83.791	ng	0.00
7) Phenol-d6	6.393	99	652525	76.307	ng	0.00
23) Nitrobenzene-d5	7.310	82	642557	82.779	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	165199	78.856	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1107345	79.250	ng	0.00
79) Terphenyl-d14	12.869	244	1146711	75.603	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.434	88	134163	45.508	ng	96
3) Pyridine	3.181	79	311855	39.303	ng	97
4) n-Nitrosodimethylamine	3.157	42	165371	39.275	ng	95
6) Aniline	6.410	93	418915	37.358	ng	# 61
8) 2-Chlorophenol	6.534	128	293150	40.834	ng	94
9) Benzaldehyde	6.298	77	180040	36.958	ng	99
10) Phenol	6.404	94	347892	37.101	ng	# 69
11) bis(2-Chloroethyl)ether	6.481	93	278273	39.563	ng	97
12) 1,3-Dichlorobenzene	6.681	146	297818	40.819	ng	97
13) 1,4-Dichlorobenzene	6.757	146	305889	41.208	ng	97
14) 1,2-Dichlorobenzene	6.910	146	267856	38.857	ng	96
15) Benzyl Alcohol	6.893	79	224620	36.605	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	510860	38.532	ng	59
17) 2-Methylphenol	7.010	107	251974	39.773	ng	# 92
18) Hexachloroethane	7.240	117	109755	40.017	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	205448	38.788	ng	97
20) 3+4-Methylphenols	7.163	107	317651	41.698	ng	# 84
22) Acetophenone	7.157	105	393028	40.763	ng	# 95
24) Nitrobenzene	7.328	77	315555	41.129	ng	97
25) Isophorone	7.569	82	580984	40.760	ng	99
26) 2-Nitrophenol	7.645	139	154408	41.933	ng	95
27) 2,4-Dimethylphenol	7.687	122	246689	39.856	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	351762	41.232	ng	100
29) 2,4-Dichlorophenol	7.892	162	243779	42.505	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	243807	40.671	ng	98
31) Naphthalene	8.045	128	856989	41.824	ng	99
32) Benzoic acid	7.840	122	160461	34.428	ng	97
33) 4-Chloroaniline	8.104	127	371471	41.321	ng	99
34) Hexachlorobutadiene	8.151	225	145629	40.288	ng	99
35) Caprolactam	8.481	113	83843m	43.558	ng	
36) 4-Chloro-3-methylphenol	8.598	107	264063	41.426	ng	95
37) 2-Methylnaphthalene	8.734	142	563678	40.925	ng	99
38) 1-Methylnaphthalene	8.834	142	513594	39.828	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	250693	41.048	ng	100
41) Hexachlorocyclopentadiene	8.881	237	79406	34.168	ng	100
43) 2,4,6-Trichlorophenol	9.022	196	159962	40.003	ng	97

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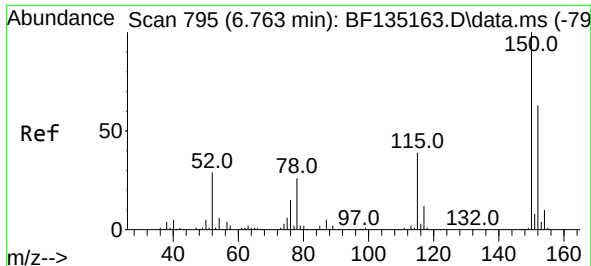
Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	182535	39.639	ng	97
46) 1,1'-Biphenyl	9.204	154	679814	41.963	ng	100
47) 2-Chloronaphthalene	9.228	162	493276	41.965	ng	99
48) 2-Nitroaniline	9.339	65	202408	44.324	ng	95
49) Acenaphthylene	9.639	152	788839	40.381	ng	100
50) Dimethylphthalate	9.504	163	603278	42.327	ng	99
51) 2,6-Dinitrotoluene	9.581	165	132495	42.435	ng	91
52) Acenaphthene	9.816	154	476744	41.312	ng	98
53) 3-Nitroaniline	9.751	138	159211	43.440	ng	100
54) 2,4-Dinitrophenol	9.875	184	91936	54.064	ng	98
55) Dibenzofuran	9.986	168	709644	40.298	ng	95
56) 4-Nitrophenol	9.939	139	102451	43.982	ng	94
57) 2,4-Dinitrotoluene	9.992	165	163096	41.724	ng	88
58) Fluorene	10.333	166	562411	41.543	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	143538	40.521	ng	99
60) Diethylphthalate	10.210	149	607685	42.483	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	270453	41.588	ng	98
62) 4-Nitroaniline	10.375	138	152524m	43.293	ng	
63) Azobenzene	10.486	77	568975	40.643	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	87803	39.167	ng	88
66) n-Nitrosodiphenylamine	10.445	169	510683	39.965	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	170264	40.560	ng	98
68) Hexachlorobenzene	10.880	284	171223	40.037	ng	# 89
69) Atrazine	10.980	200	133965	38.963	ng	100
70) Pentachlorophenol	11.086	266	90703	35.449	ng	98
71) Phenanthrene	11.298	178	825766	41.366	ng	99
72) Anthracene	11.351	178	844515	41.157	ng	100
73) Carbazole	11.516	167	815230	43.644	ng	99
74) Di-n-butylphthalate	11.839	149	963966	43.796	ng	99
75) Fluoranthene	12.498	202	868229	41.740	ng	99
77) Benzidine	12.627	184	162084	33.649	ng	99
78) Pyrene	12.727	202	854922	38.191	ng	99
80) Butylbenzylphthalate	13.345	149	380390	48.263	ng	94
81) Benzo(a)anthracene	13.927	228	646395	42.575	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	196469	41.429	ng	99
83) Chrysene	13.963	228	614375	40.700	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	494103	61.091	ng	100
85) Di-n-octyl phthalate	14.527	149	666123	51.825	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.910	276	529286	39.628	ng	99
88) Benzo(b)fluoranthene	14.980	252	444560	40.314	ng	100
89) Benzo(k)fluoranthene	15.010	252	453429	41.625	ng	99
90) Benzo(a)pyrene	15.345	252	431874	41.068	ng	100
91) Dibenzo(a,h)anthracene	16.910	278	428453	39.205	ng	97
92) Benzo(g,h,i)perylene	17.357	276	459436	40.254	ng	99

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

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[illegible]



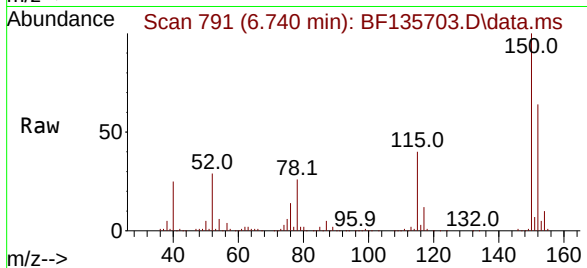
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

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SSTDCCC040

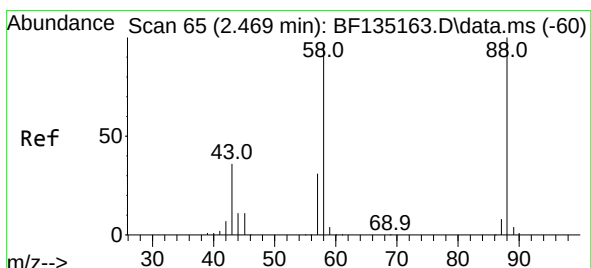
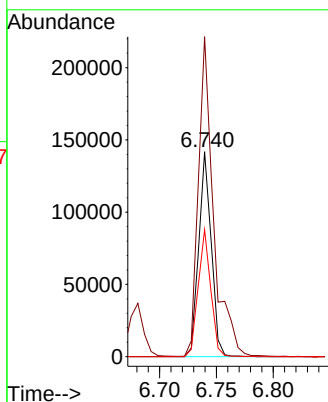
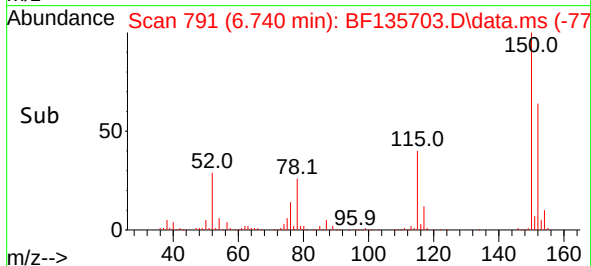


Tgt Ion:152 Resp: 109380
Ion Ratio Lower Upper
152 100
150 156.1 127.8 191.6
115 62.0 49.8 74.8

Manual Integrations

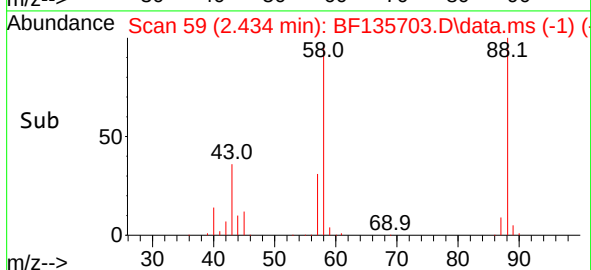
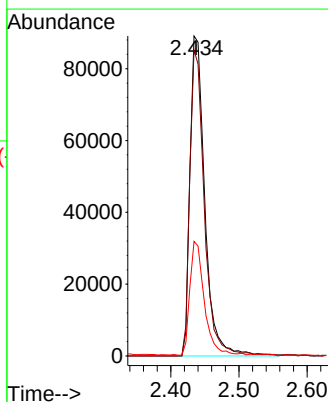
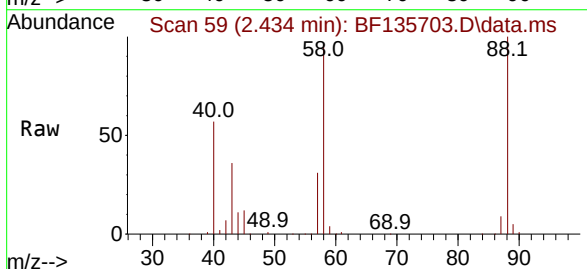
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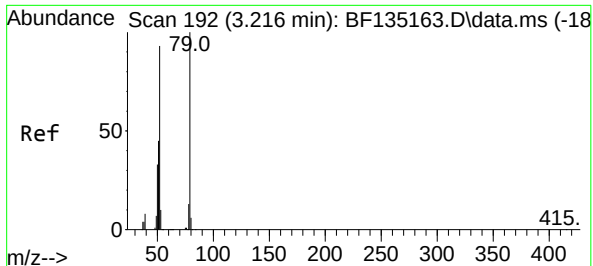
Reviewed By :Yogesh Patel 10/12/2023
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#2
1,4-Dioxane
Concen: 45.508 ng
RT: 2.434 min Scan# 59
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion: 88 Resp: 134163
Ion Ratio Lower Upper
88 100
58 94.0 78.3 117.5
43 34.7 29.4 44.0





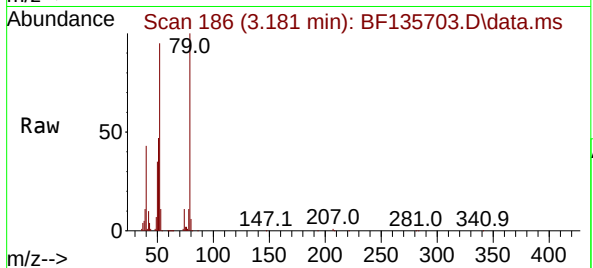
#3
Pyridine
Concen: 39.303 ng
RT: 3.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

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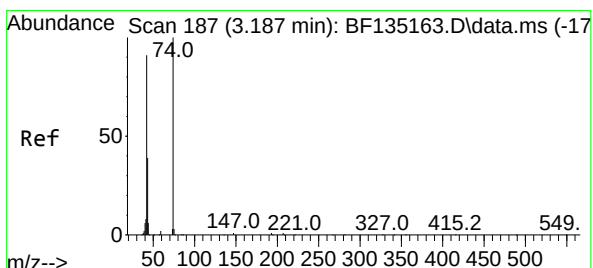
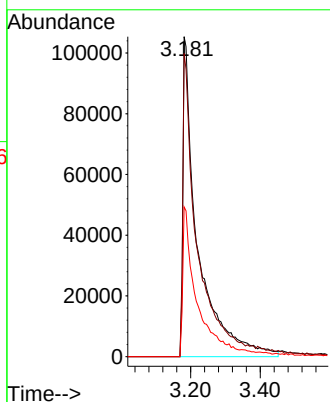
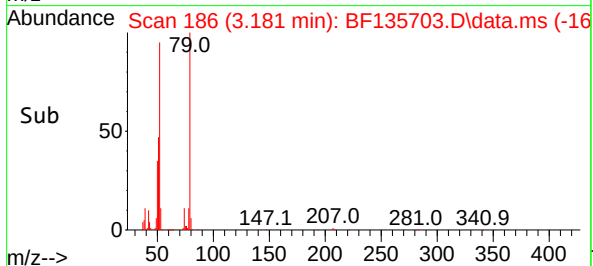
Tgt Ion: 79 Resp: 31185
Ion Ratio Lower Upper
79 100
52 94.8 74.1 111.1
51 46.8 35.8 53.8

Manual Integrations

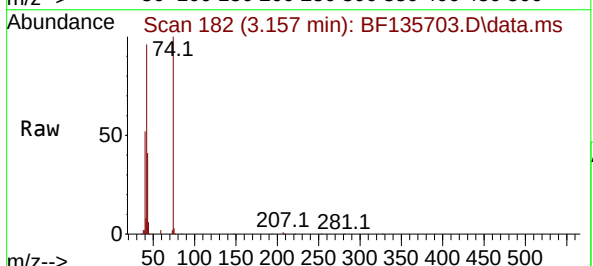
APPROVED

Reviewed By :Yogesh Patel 10/12/2023

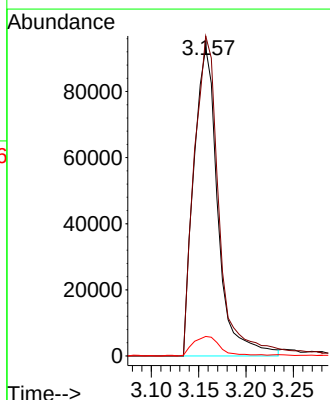
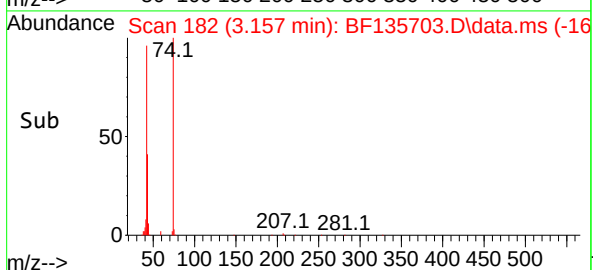
Supervised By :mohammad ahmed 10/13/2023

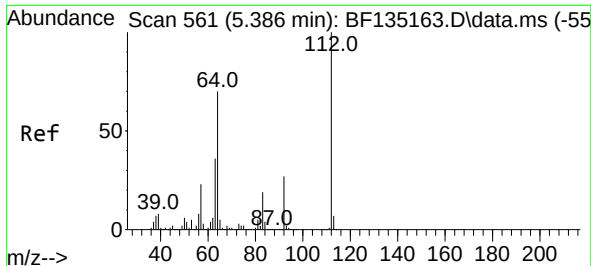


#4
n-Nitrosodimethylamine
Concen: 39.275 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion: 42 Resp: 165371
Ion Ratio Lower Upper
42 100
74 103.7 87.7 131.5
44 6.3 5.6 8.4





#5
2-Fluorophenol
Concen: 83.791 ng
RT: 5.369 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

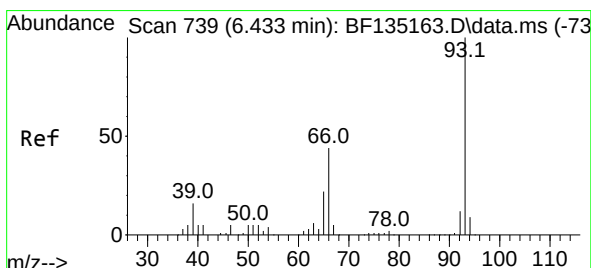
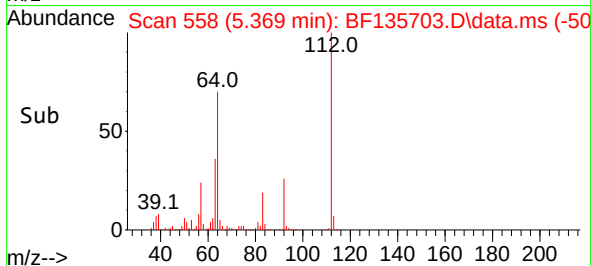
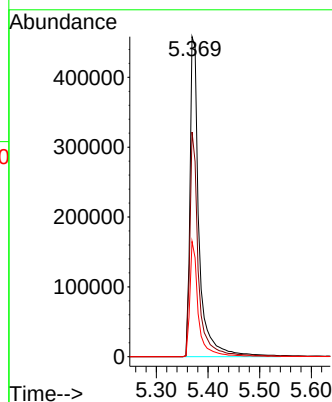
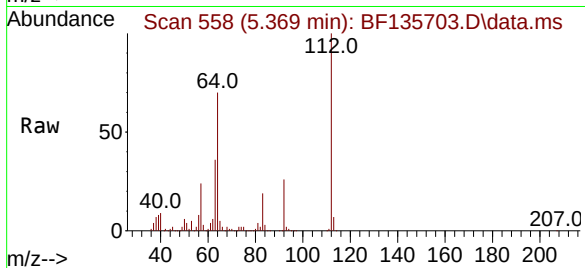
SSTDCCC040

Tgt Ion:112 Resp: 56350
Ion Ratio Lower Upper
112 100
64 70.2 55.9 83.9
63 36.0 29.0 43.6

Manual Integrations

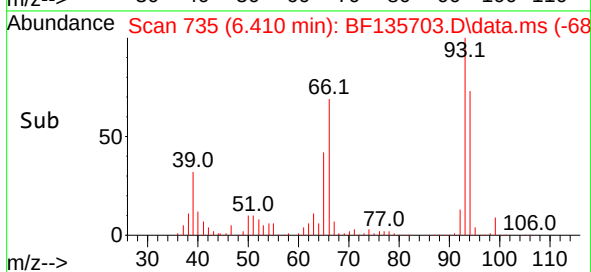
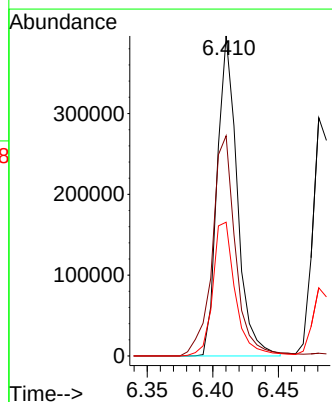
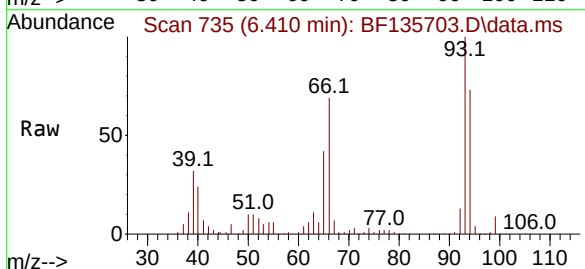
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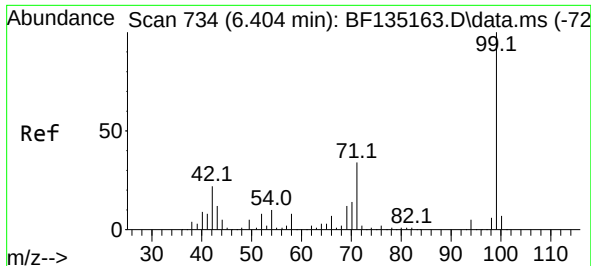
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#6
Aniline
Concen: 37.358 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion: 93 Resp: 418915
Ion Ratio Lower Upper
93 100
66 68.8 35.4 53.0#
65 41.8 17.8 26.8#





#7

Phenol-d6

Concen: 76.307 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

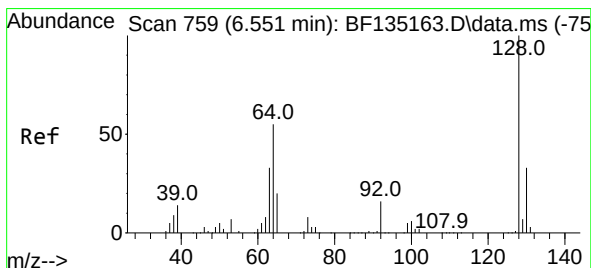
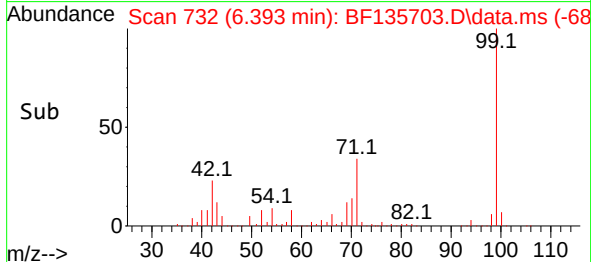
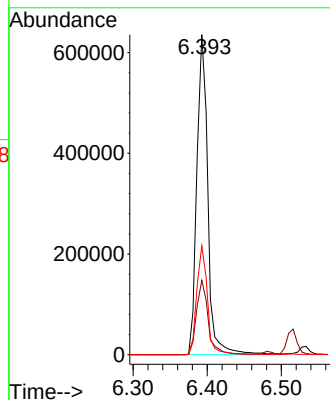
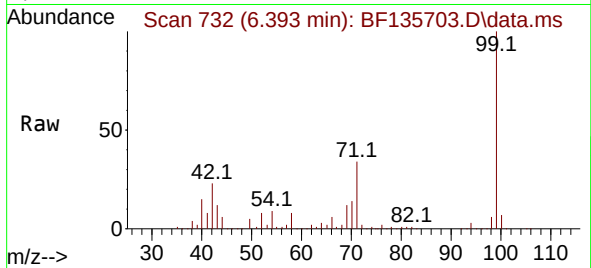
SSTDCCC040

Tgt Ion: 99 Resp: 65252
 Ion Ratio Lower Upper
 99 100
 42 23.2 17.9 26.9
 71 34.0 27.0 40.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.834 ng

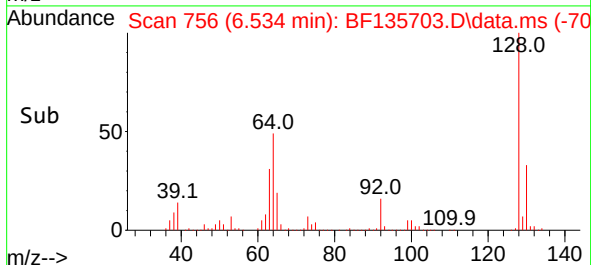
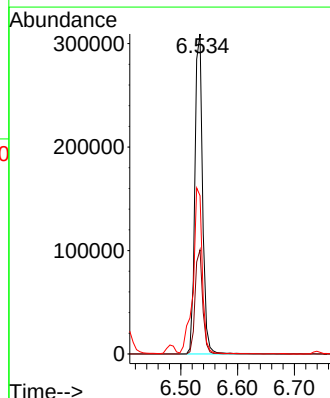
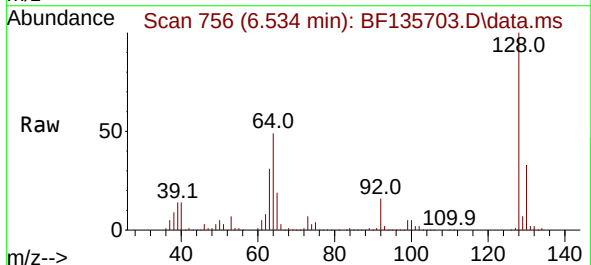
RT: 6.534 min Scan# 756

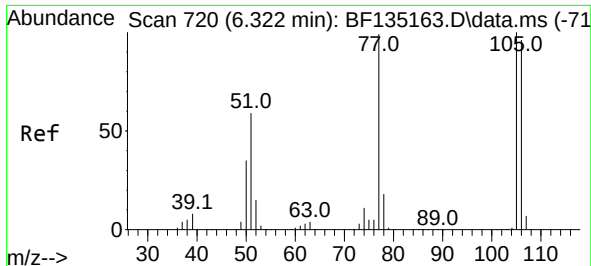
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Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

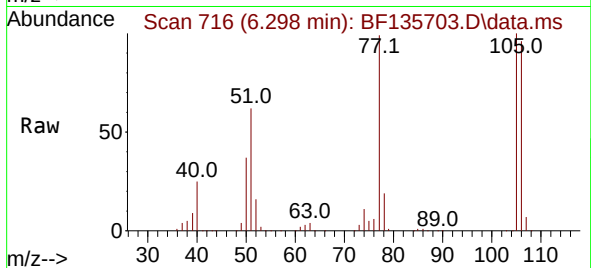
Tgt Ion:128 Resp: 293150
 Ion Ratio Lower Upper
 128 100
 130 32.5 12.7 52.7
 64 49.5 35.9 75.9





#9
Benzaldehyde
Concen: 36.958 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135703.D
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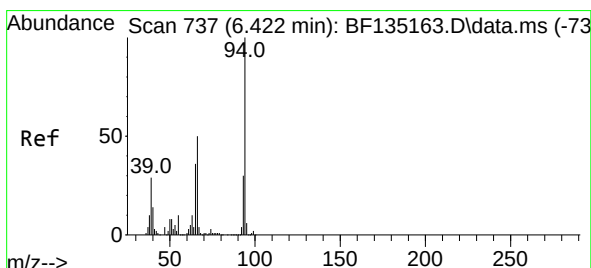
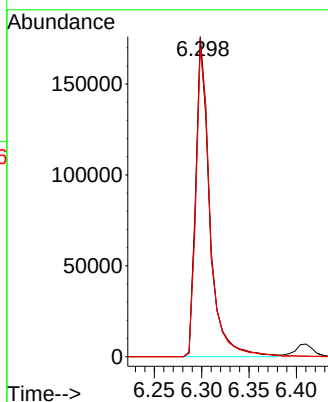
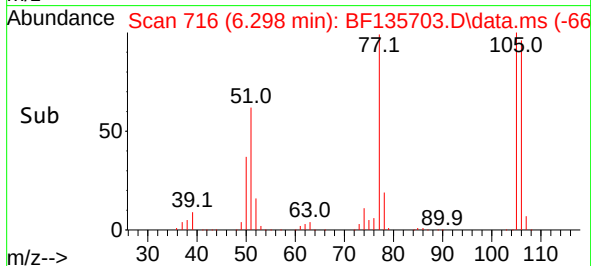
Instrument :
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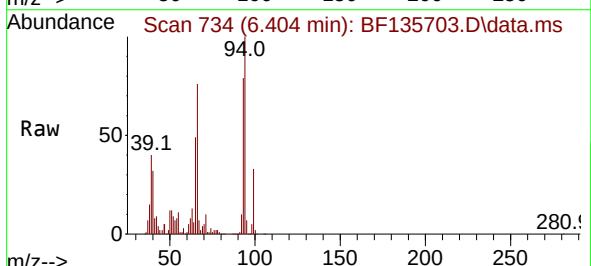
Tgt Ion: 77 Resp: 180040
Ion Ratio Lower Upper
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105 100.5 81.4 121.4
106 96.7 76.9 116.9

Manual Integrations
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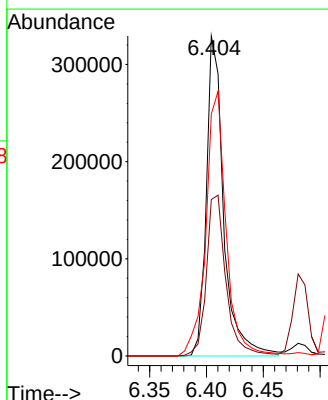
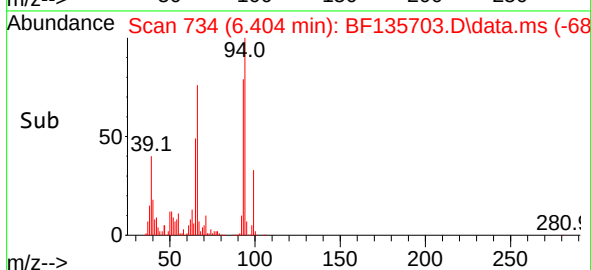
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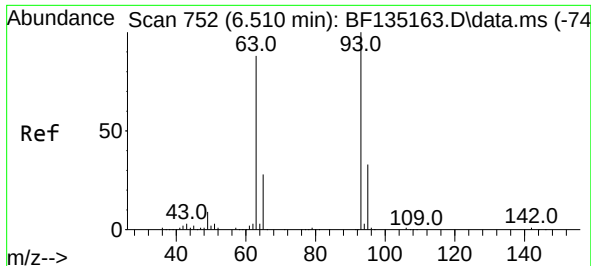


#10
Phenol
Concen: 37.101 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion: 94 Resp: 347892
Ion Ratio Lower Upper
94 100
65 48.9 15.9 55.9
66 75.6 29.8 69.8#





#11
bis(2-Chloroethyl)ether
Concen: 39.563 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

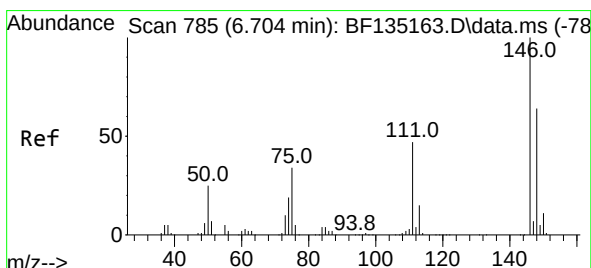
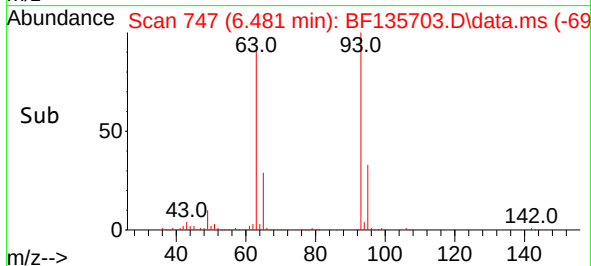
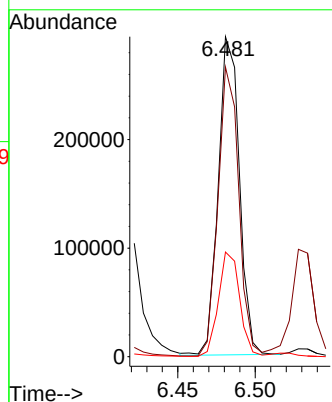
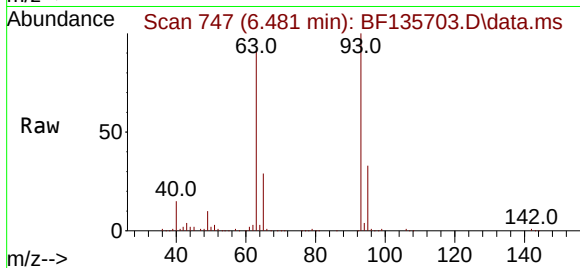
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 27827
Ion Ratio Lower Upper
93 100
63 90.5 67.3 107.3
95 32.7 12.7 52.7

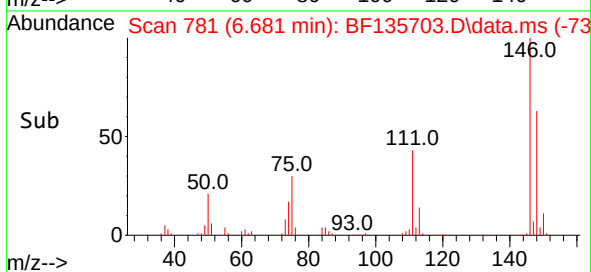
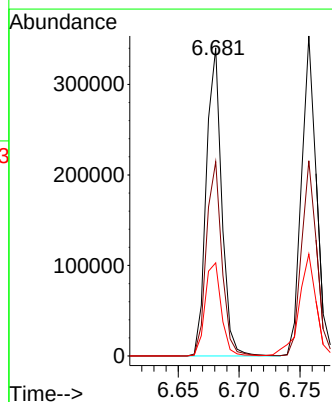
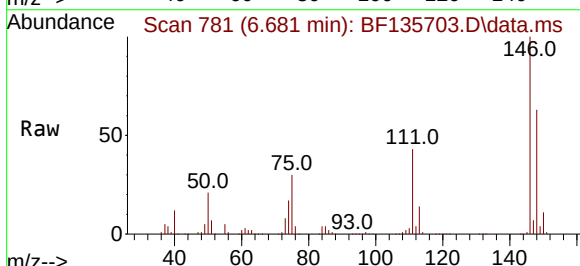
Manual Integrations
APPROVED

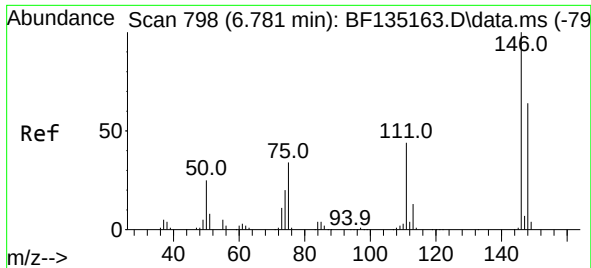
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#12
1,3-Dichlorobenzene
Concen: 40.819 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:146 Resp: 297818
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 30.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 41.208 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 305889

Ion Ratio Lower Upper

146 100

148 61.0 51.3 76.9

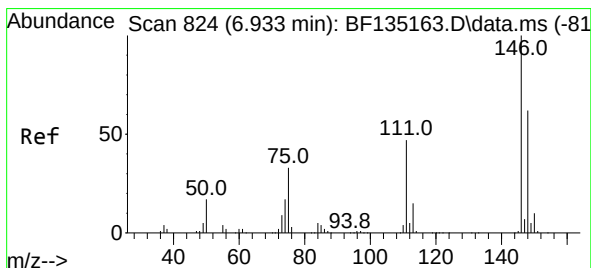
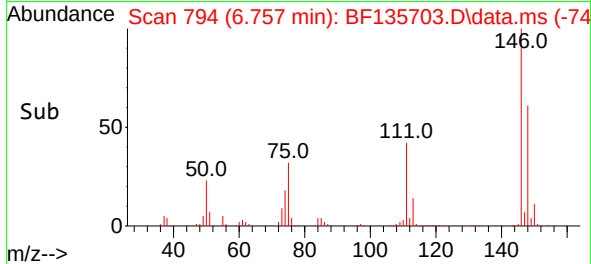
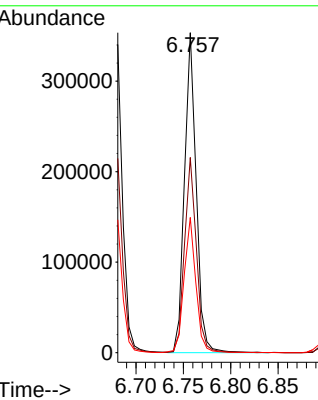
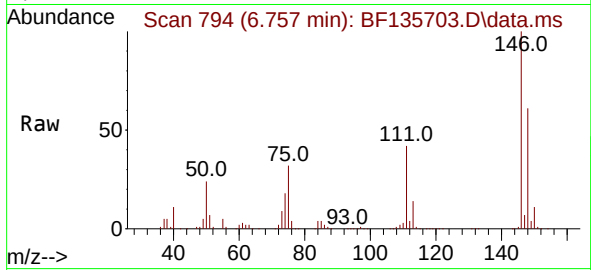
111 42.3 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#14

1,2-Dichlorobenzene

Concen: 38.857 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

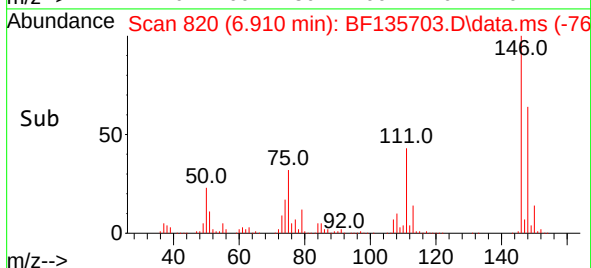
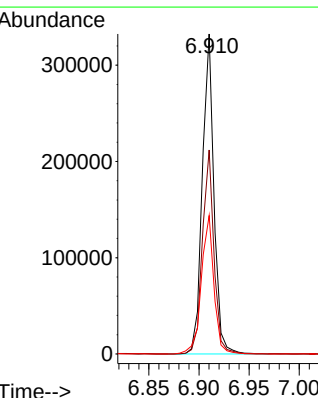
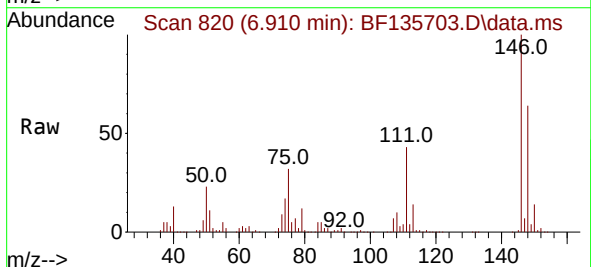
Tgt Ion:146 Resp: 267856

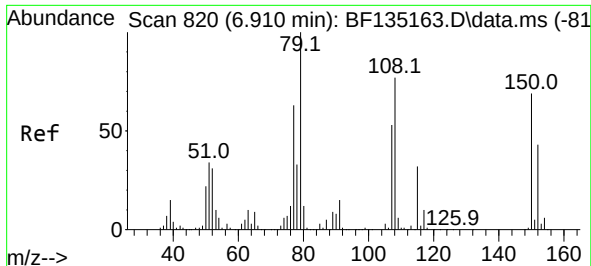
Ion Ratio Lower Upper

146 100

148 63.7 49.7 74.5

111 43.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 36.605 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

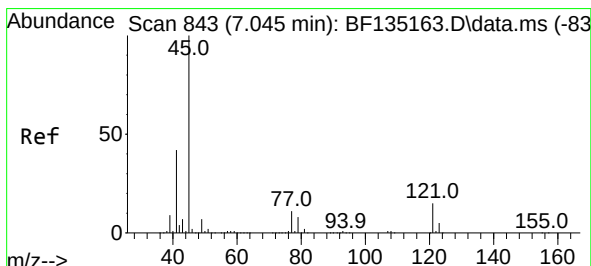
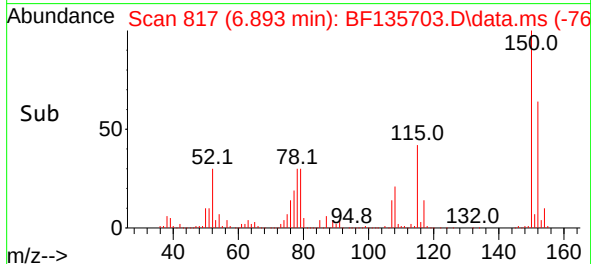
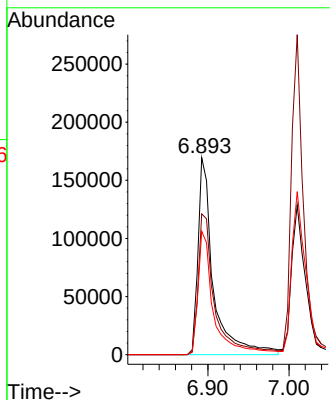
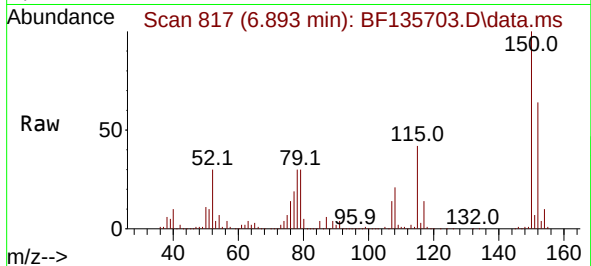
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 224620
Ion Ratio Lower Upper
79 100
108 71.5 61.2 91.8
77 62.6 50.5 75.7

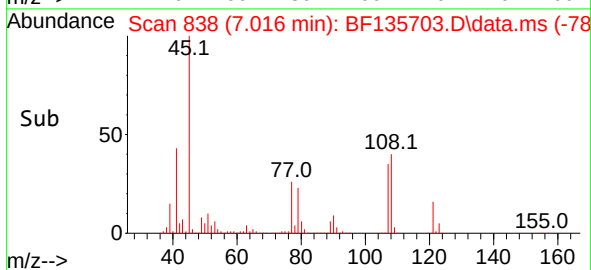
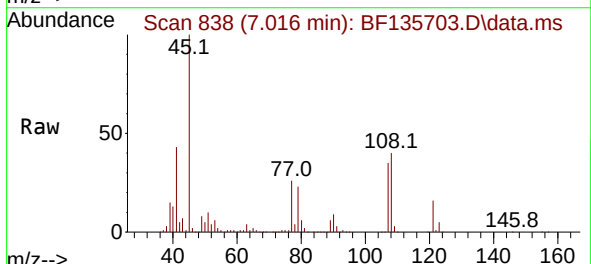
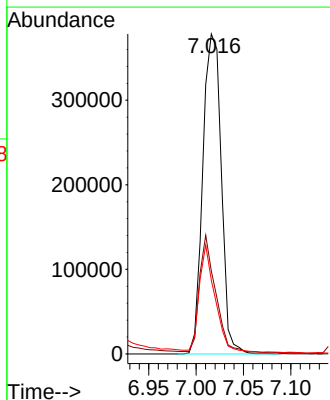
Manual Integrations
APPROVED

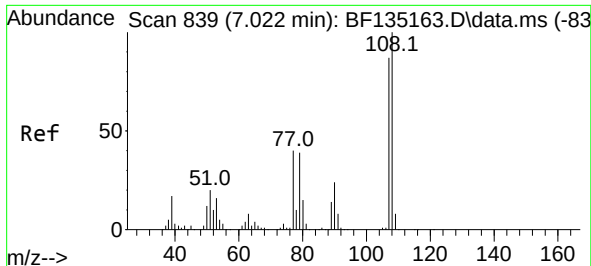
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.532 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

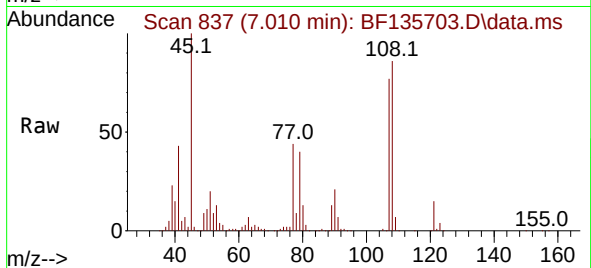
Tgt Ion: 45 Resp: 510860
Ion Ratio Lower Upper
45 100
77 25.9 0.0 30.6
79 23.1 0.0 28.3





#17
2-Methylphenol
Concen: 39.773 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

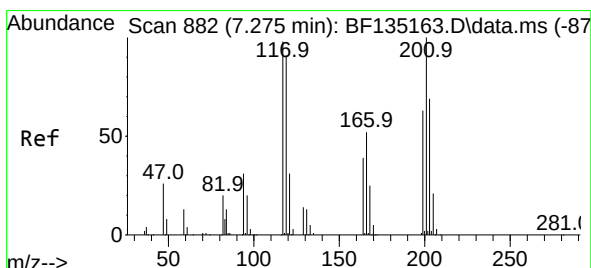
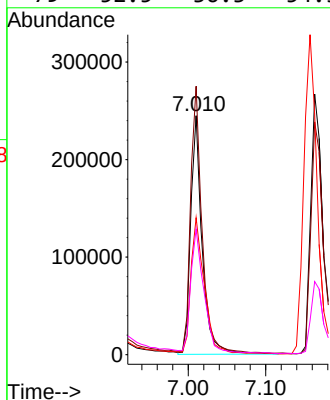
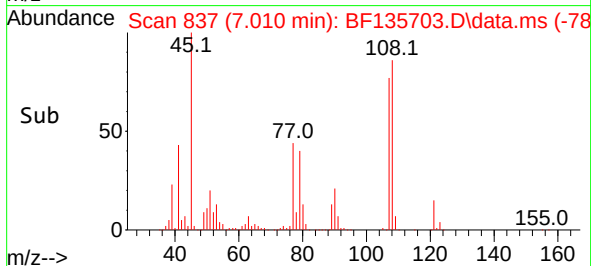
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 251974
Ion Ratio Lower Upper
107 100
108 112.4 92.0 138.0
77 57.3 36.7 55.1
79 52.5 36.3 54.5

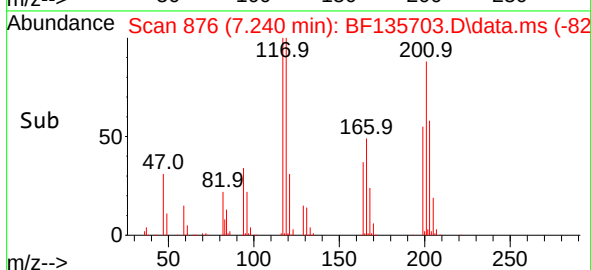
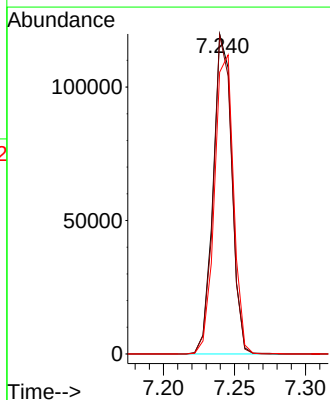
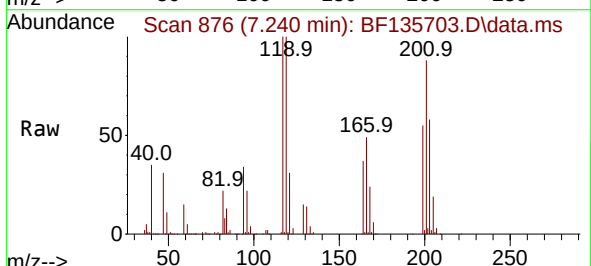
Manual Integrations
APPROVED

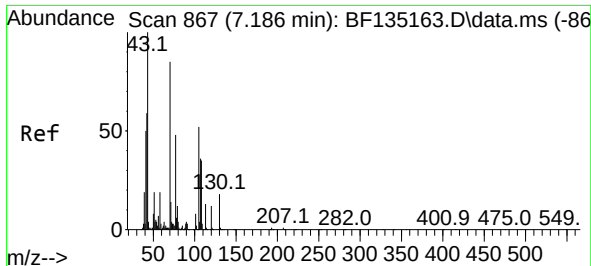
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#18
Hexachloroethane
Concen: 40.017 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:117 Resp: 109755
Ion Ratio Lower Upper
117 100
119 99.7 74.7 112.1
201 88.0 81.8 122.8





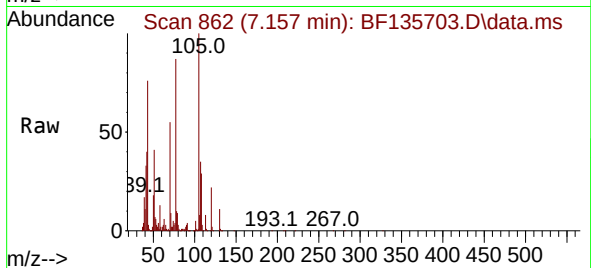
#19
n-Nitroso-di-n-propylamine
Concen: 38.788 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

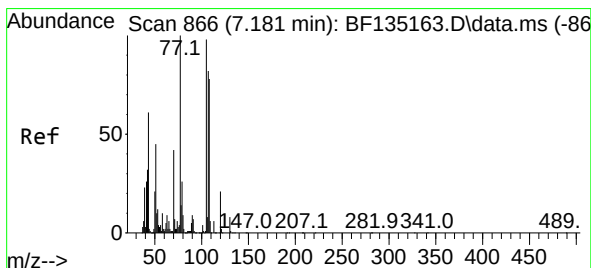
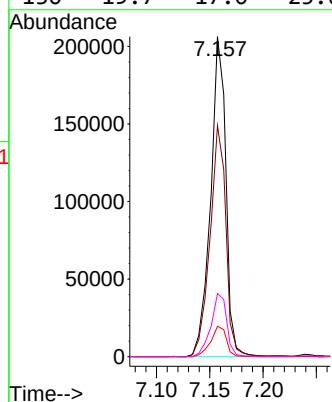
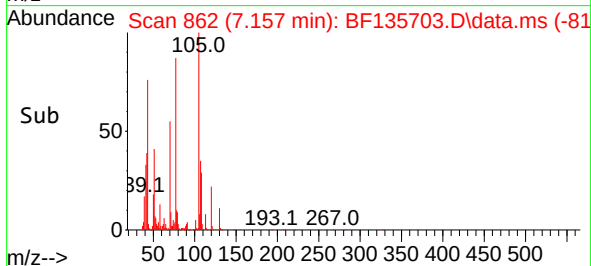


Tgt Ion: 70 Resp: 205448
Ion Ratio Lower Upper
70 100
42 72.2 55.4 83.0
101 9.5 7.7 11.5
130 19.7 17.0 25.6

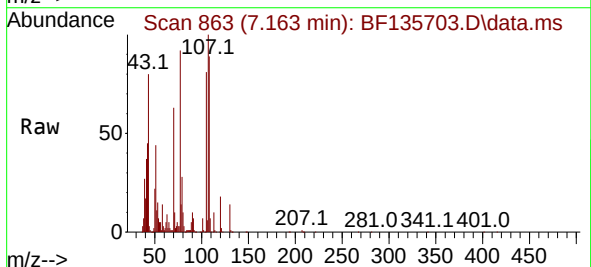
Manual Integrations

APPROVED

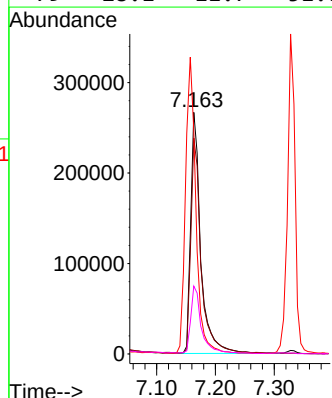
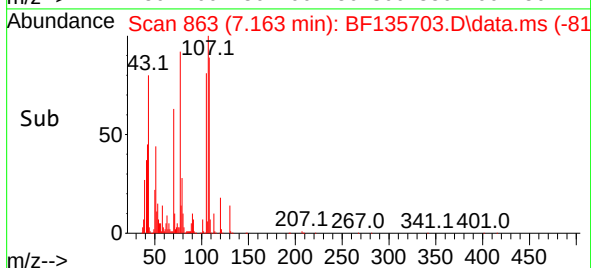
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

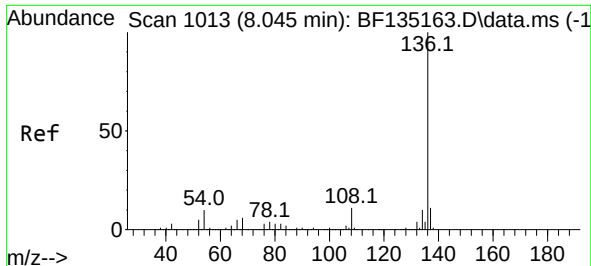


#20
3+4-Methylphenols
Concen: 41.698 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion:107 Resp: 317651
Ion Ratio Lower Upper
107 100
108 89.3 74.7 114.7
77 92.3 102.0 142.0#
79 28.1 11.7 51.7





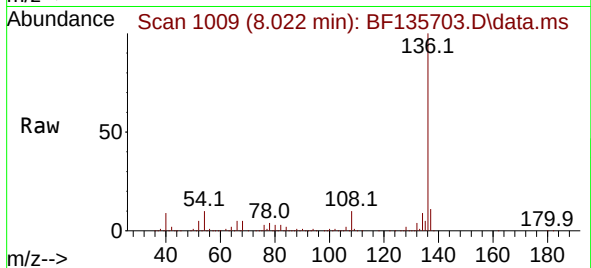
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

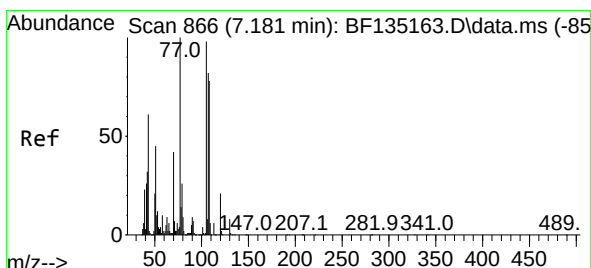
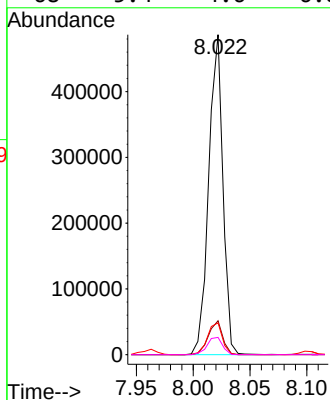
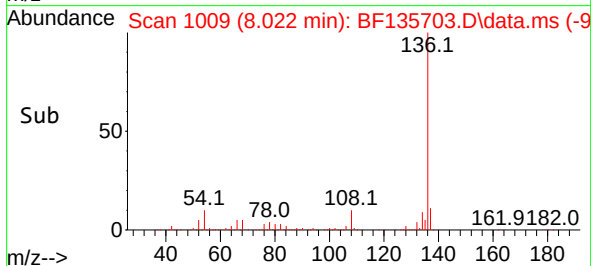


Tgt Ion:136 Resp: 421723
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.9 7.7 11.5
68 5.4 4.6 6.8

Manual Integrations

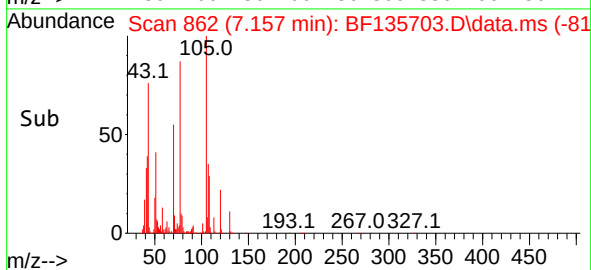
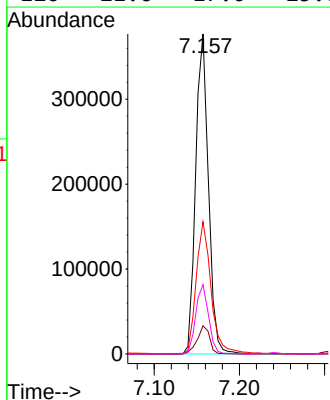
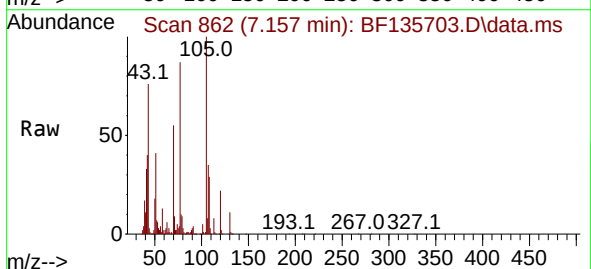
APPROVED

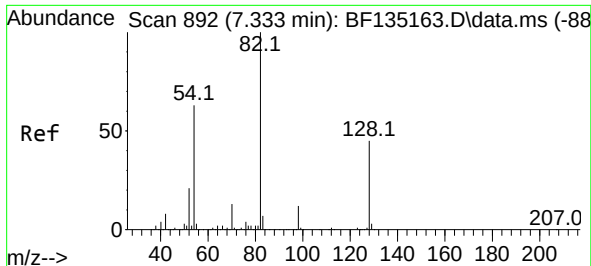
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#22
Acetophenone
Concen: 40.763 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:105 Resp: 393028
Ion Ratio Lower Upper
105 100
71 8.8 5.8 8.6#
51 41.3 37.0 55.4
120 21.6 17.0 25.6





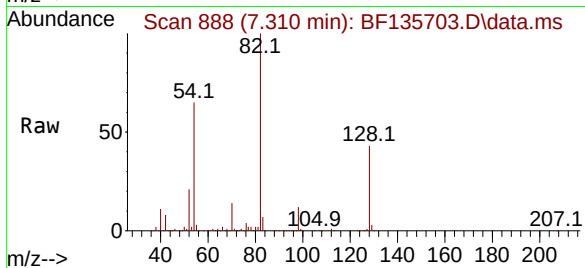
#23
Nitrobenzene-d5
Concen: 82.779 ng
RT: 7.310 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

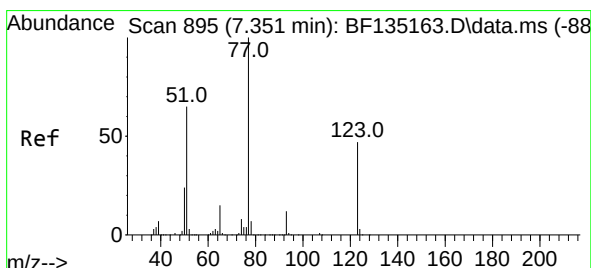
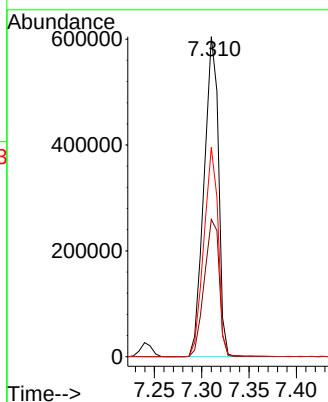
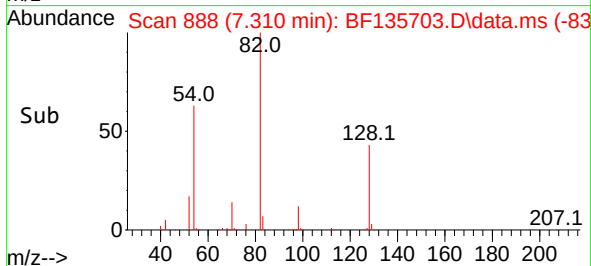
SSTDCCC040



Tgt Ion: 82 Resp: 64255
Ion Ratio Lower Upper
82 100
128 42.9 35.8 53.6
54 65.4 50.6 76.0

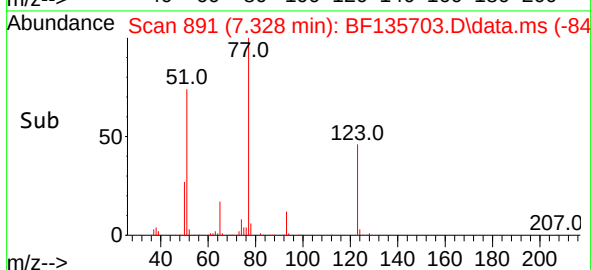
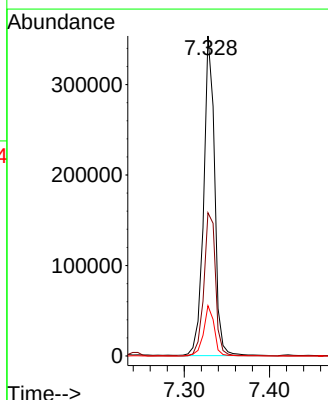
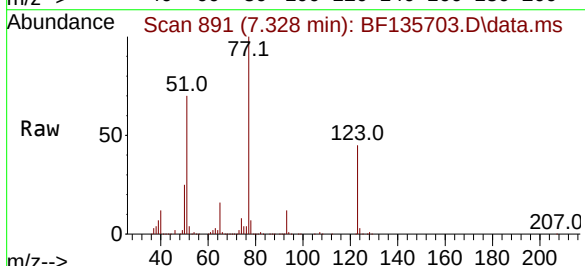
Manual Integrations
APPROVED

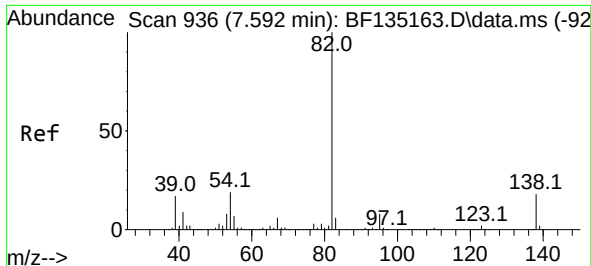
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#24
Nitrobenzene
Concen: 41.129 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion: 77 Resp: 31555
Ion Ratio Lower Upper
77 100
123 44.7 37.6 56.4
65 15.7 12.2 18.4





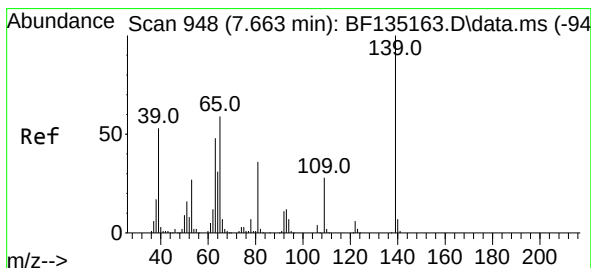
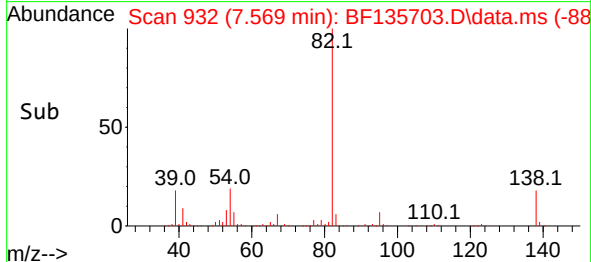
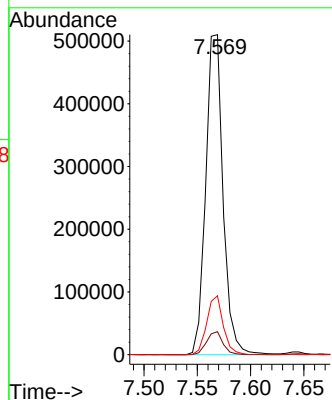
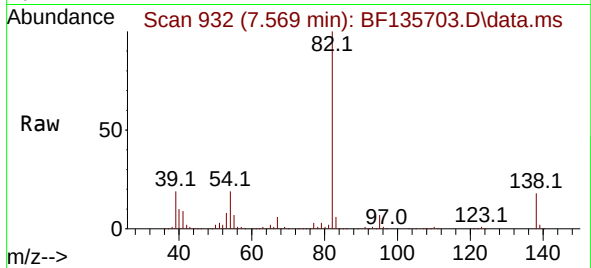
#25
Isophorone
Concen: 40.760 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 580984
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.4 14.5 21.7

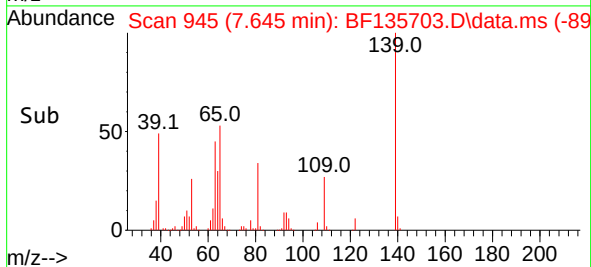
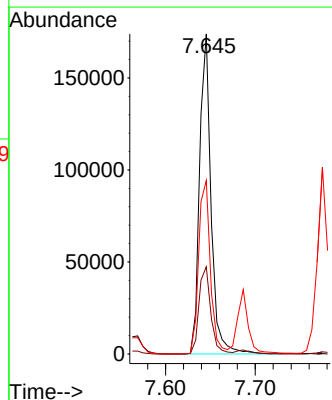
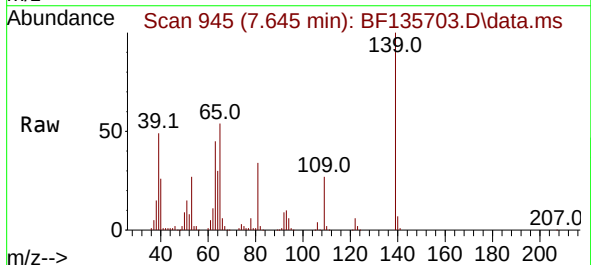
Manual Integrations
APPROVED

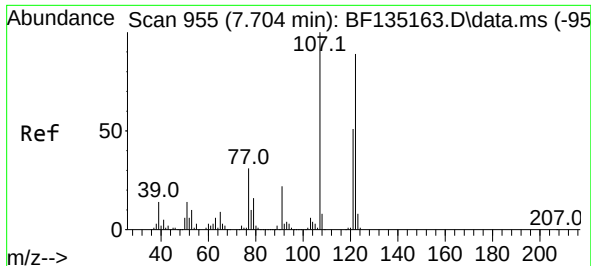
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#26
2-Nitrophenol
Concen: 41.933 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:139 Resp: 154408
Ion Ratio Lower Upper
139 100
109 27.2 22.6 33.8
65 54.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.856 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135703.D

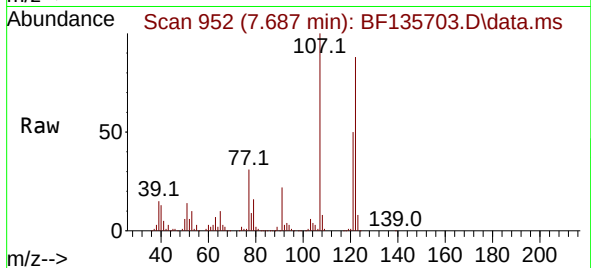
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



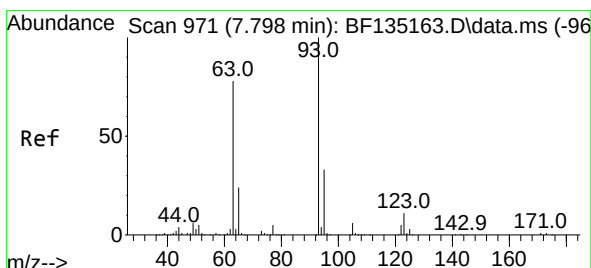
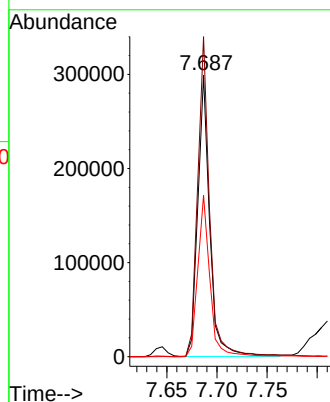
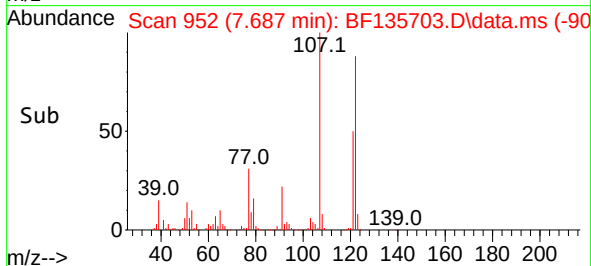
Tgt Ion:	122	Resp:	246689
Ion Ratio	Lower	Upper	
122	100		
107	113.6	90.2	135.4
121	57.3	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.232 ng

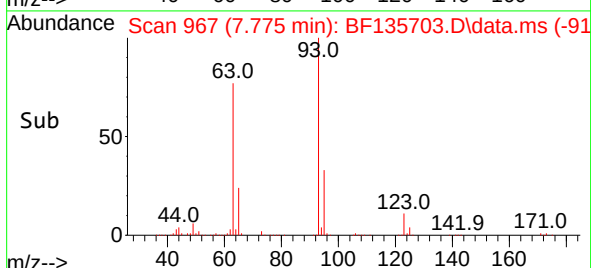
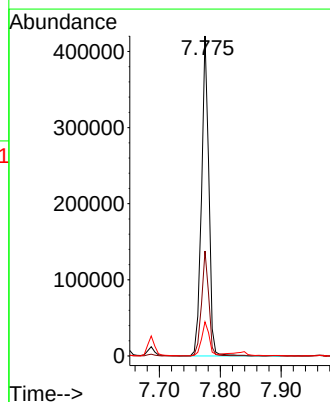
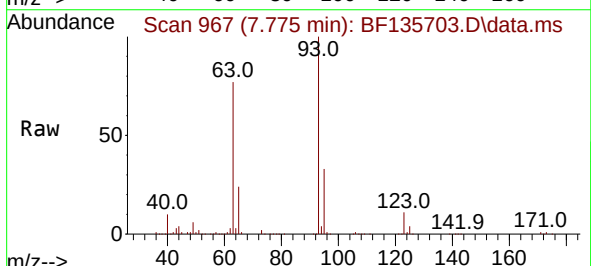
RT: 7.775 min Scan# 967

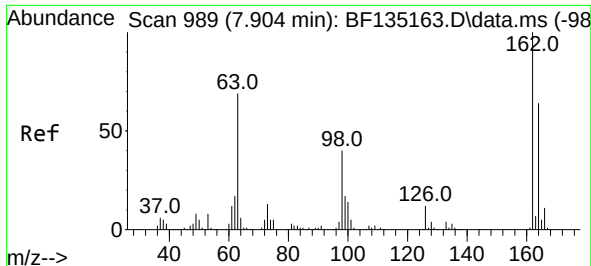
Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Tgt Ion:	93	Resp:	351762
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.2	39.2
123	10.7	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 42.505 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

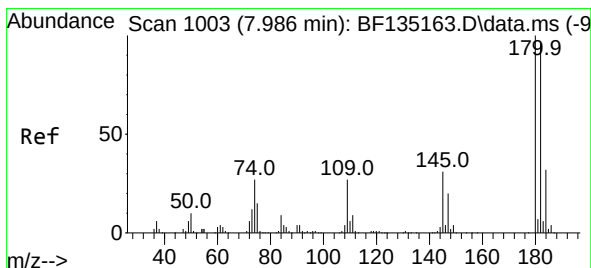
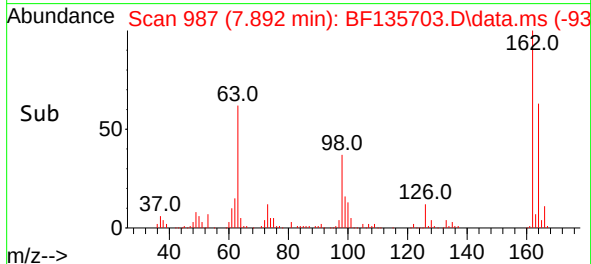
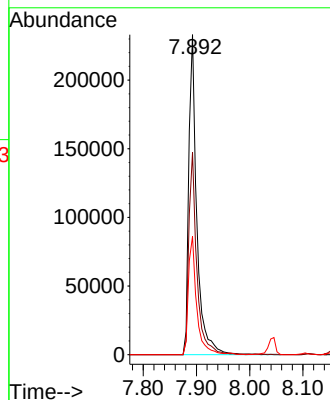
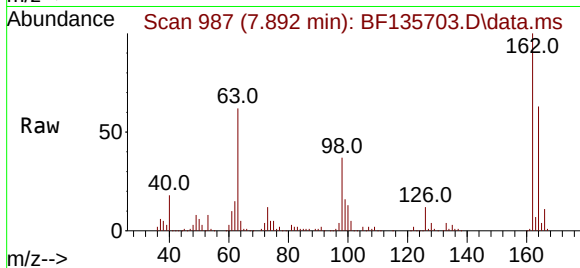
Tgt Ion:162 Resp: 243779
 Ion Ratio Lower Upper
 162 100
 164 63.2 44.1 84.1
 98 36.9 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.671 ng

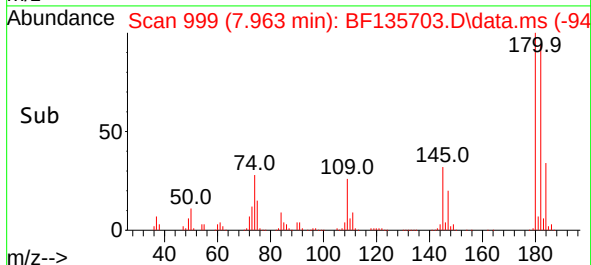
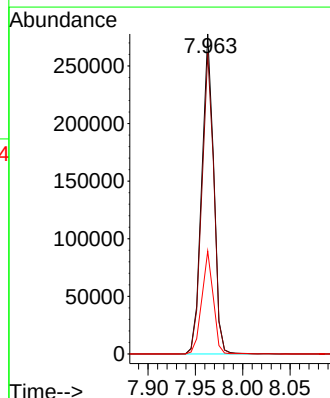
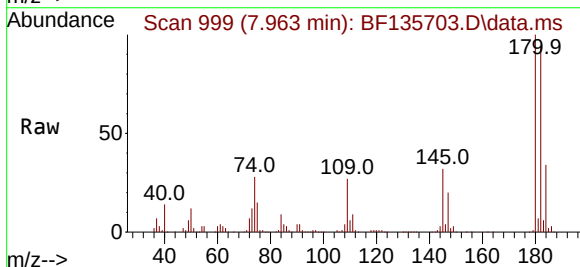
RT: 7.963 min Scan# 999

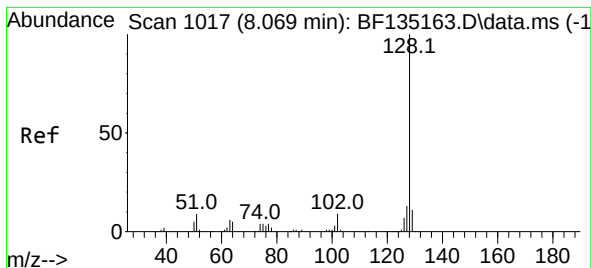
Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Tgt Ion:180 Resp: 243807
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.9 115.3
 145 32.1 24.5 36.7





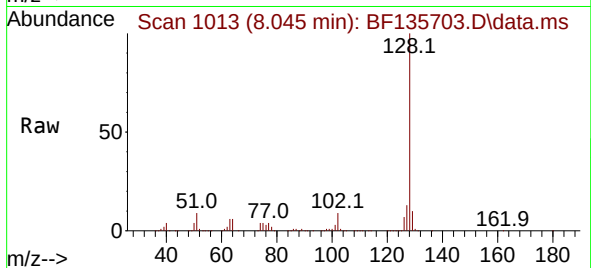
#31
Naphthalene
Concen: 41.824 ng
RT: 8.045 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

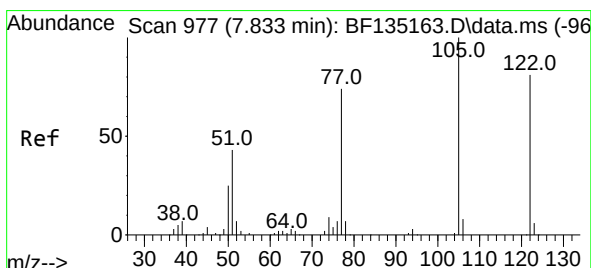
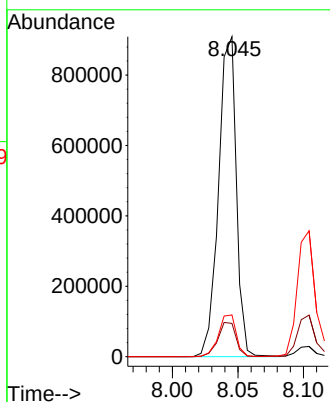
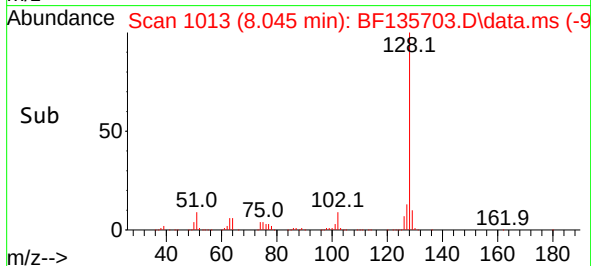


Tgt Ion:128 Resp: 856989
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.1 10.7 16.1

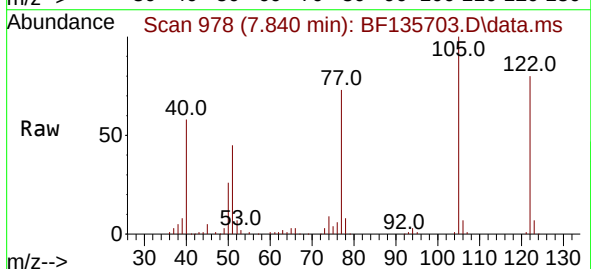
Manual Integrations

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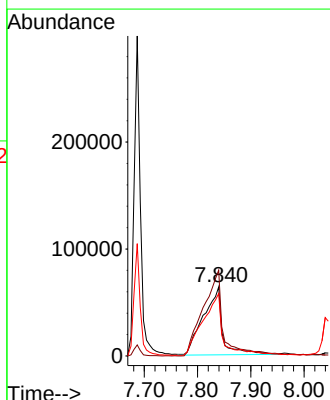
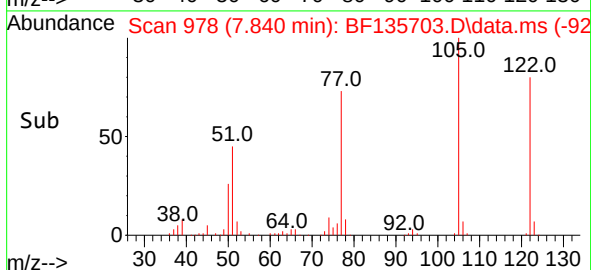
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

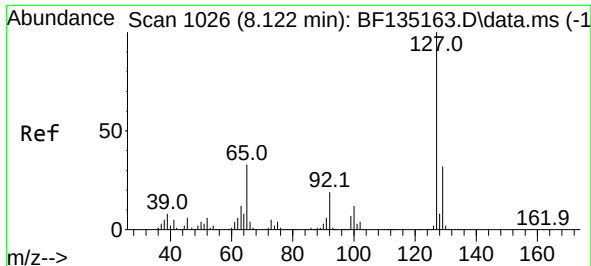


#32
Benzoic acid
Concen: 34.428 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion:122 Resp: 160461
Ion Ratio Lower Upper
122 100
105 124.3 99.9 139.9
77 90.5 70.0 110.0





#33
4-Chloroaniline
Concen: 41.321 ng
RT: 8.104 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

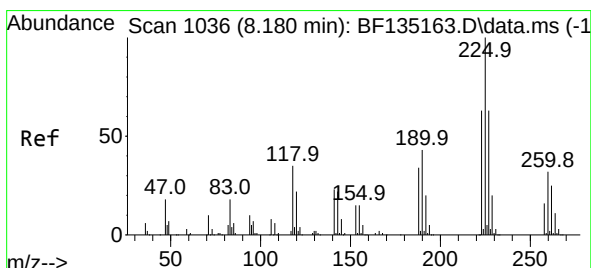
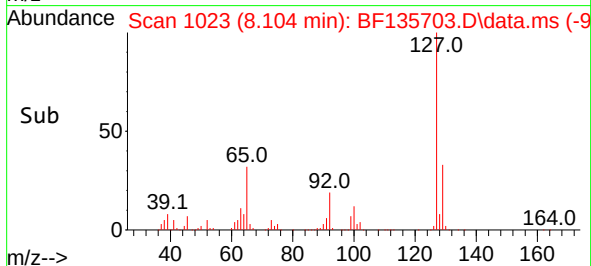
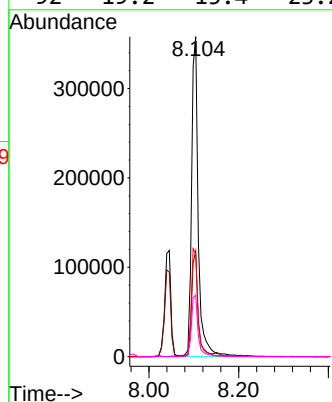
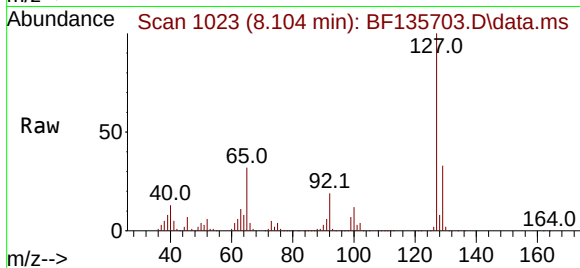
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 37147
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.8
65 32.1 26.6 39.8
92 19.2 15.4 23.2

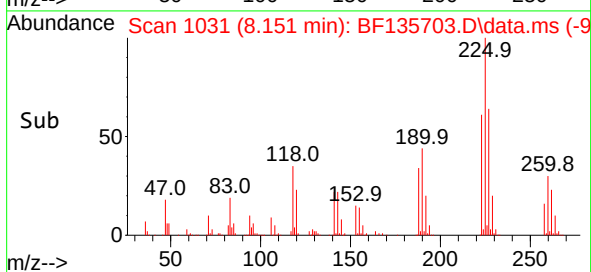
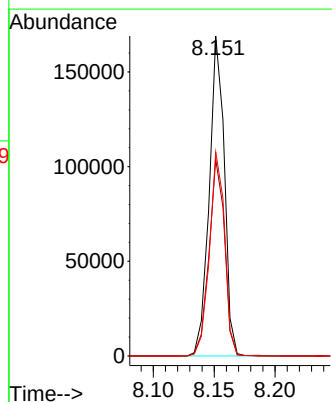
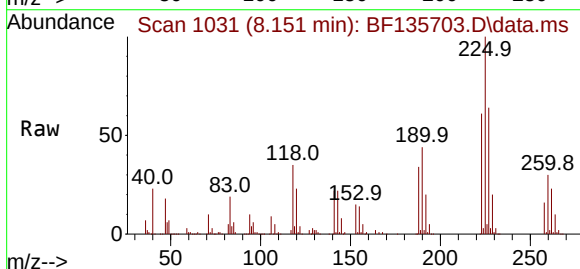
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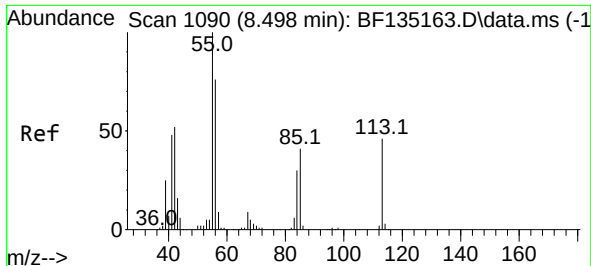
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#34
Hexachlorobutadiene
Concen: 40.288 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:225 Resp: 145629
Ion Ratio Lower Upper
225 100
223 61.4 50.6 75.8
227 63.8 50.8 76.2





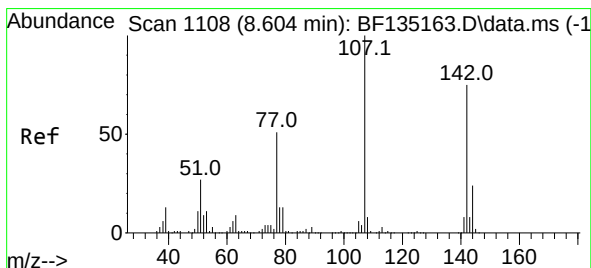
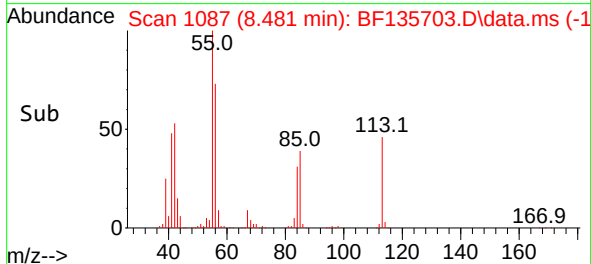
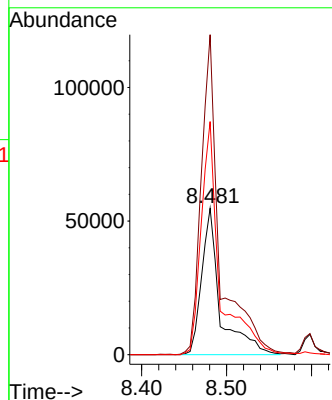
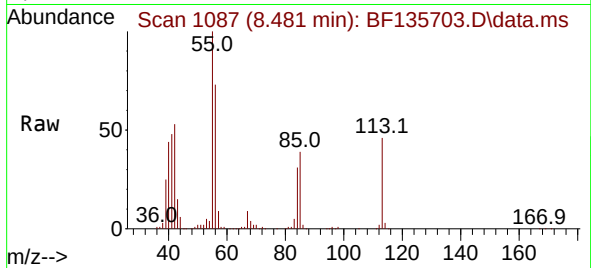
#35
 Caprolactam
 Concen: 43.558 ng m
 RT: 8.481 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135703.D
 Acq: 11 Oct 2023 10:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 8384
 Ion Ratio Lower Upper
 113 100
 55 218.6 199.3 239.3
 56 159.2 146.3 186.3

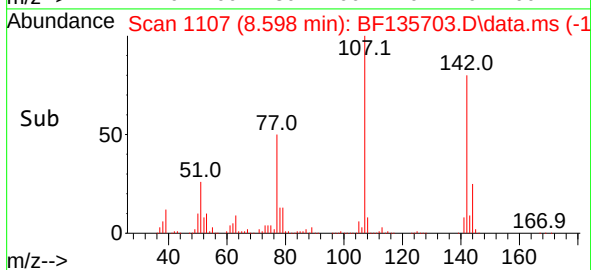
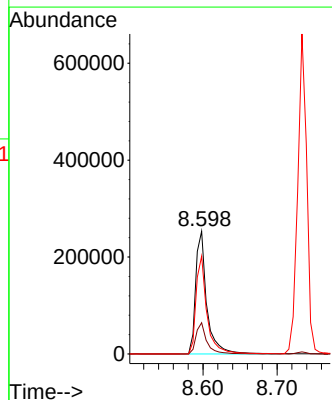
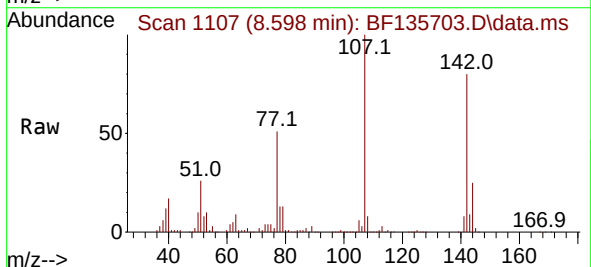
Manual Integrations
 APPROVED

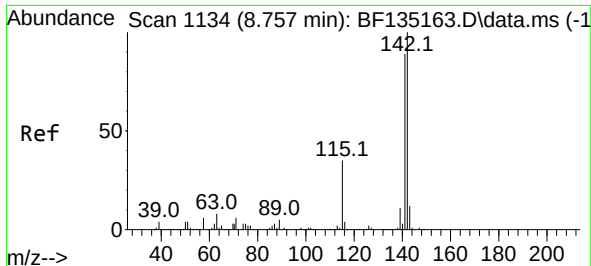
Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.426 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135703.D
 Acq: 11 Oct 2023 10:01

Tgt Ion:107 Resp: 264063
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.0 28.4
 142 79.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 40.925 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 563678

Ion Ratio Lower Upper

142 100

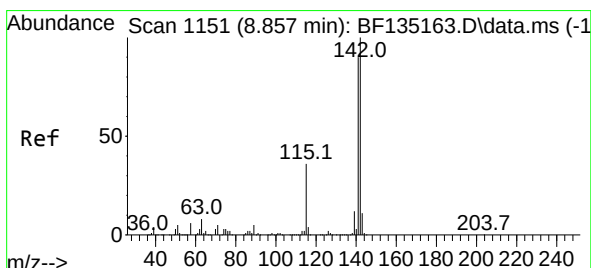
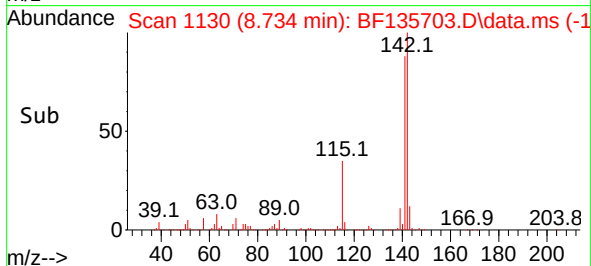
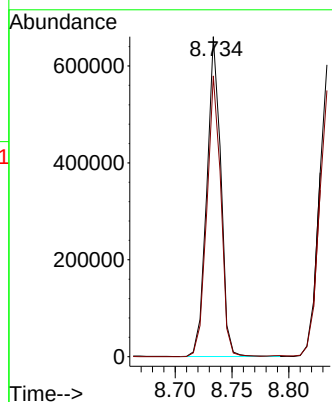
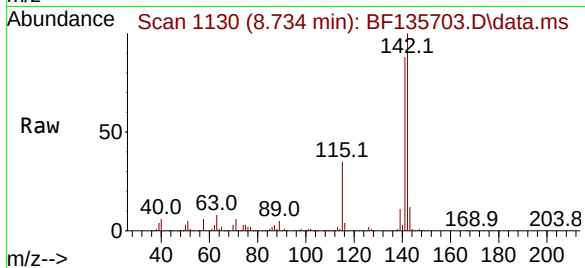
141 87.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#38

1-Methylnaphthalene

Concen: 39.828 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135703.D

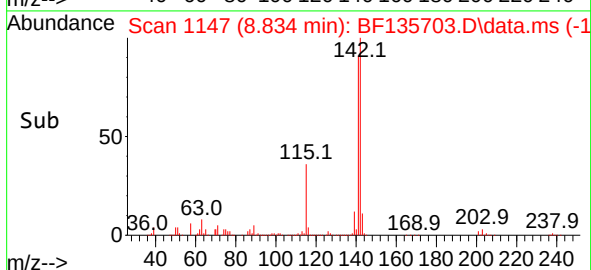
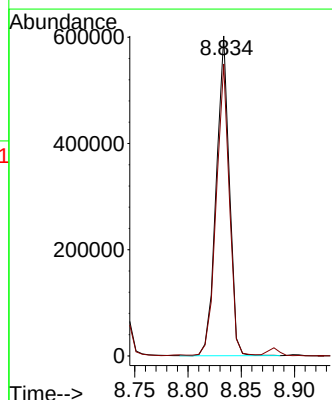
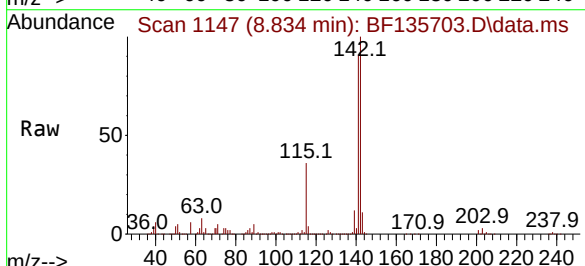
Acq: 11 Oct 2023 10:01

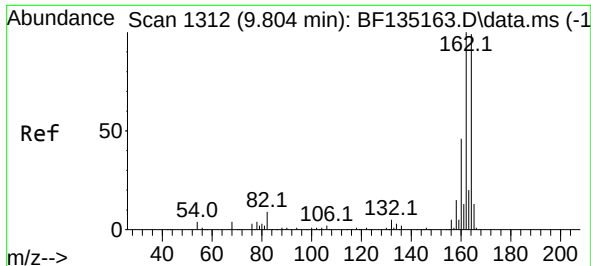
Tgt Ion:142 Resp: 513594

Ion Ratio Lower Upper

142 100

141 91.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135703.D

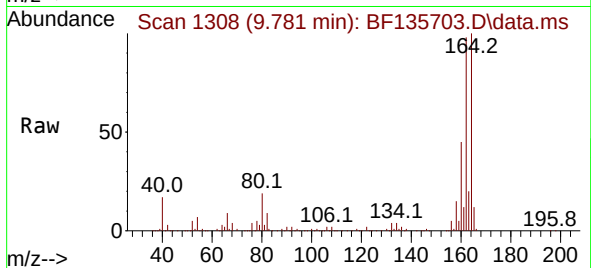
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 210810

Ion Ratio Lower Upper

164 100

162 98.1 81.0 121.4

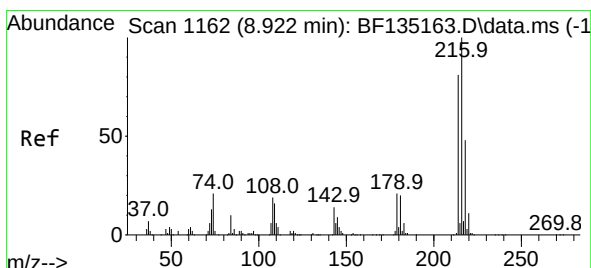
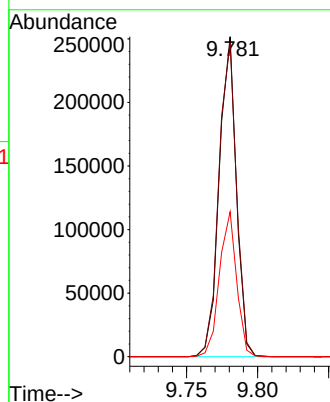
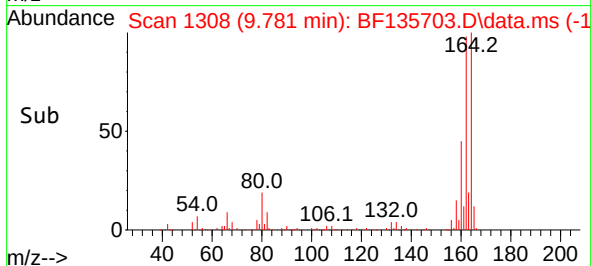
160 45.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.048 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Tgt Ion:216 Resp: 250693

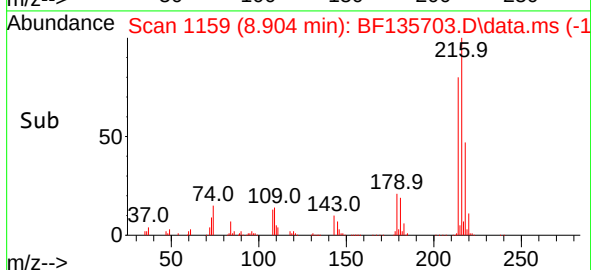
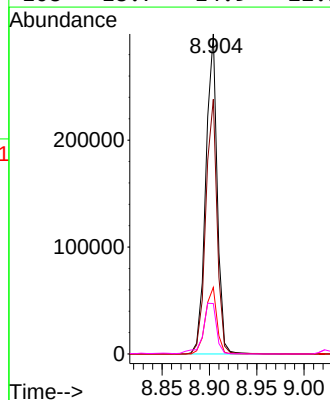
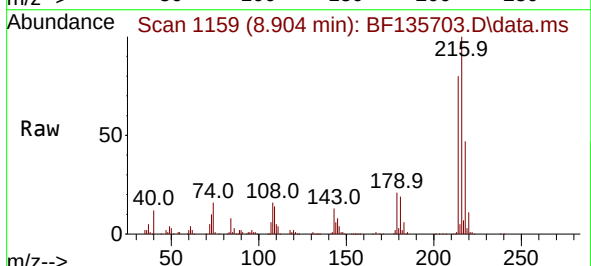
Ion Ratio Lower Upper

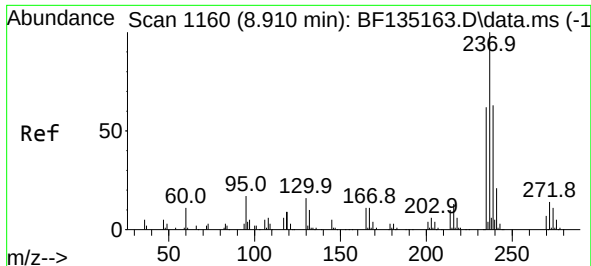
216 100

214 79.3 63.7 95.5

179 20.8 16.7 25.1

108 18.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 34.168 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

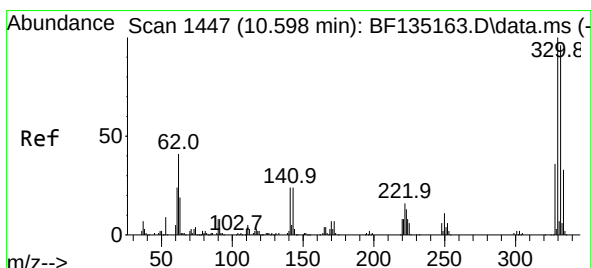
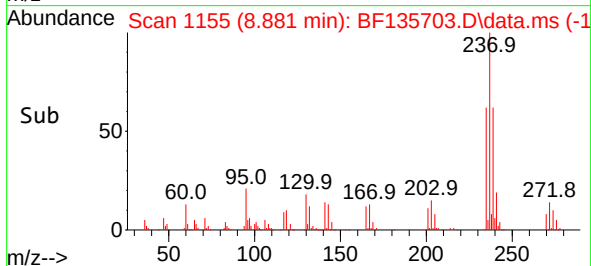
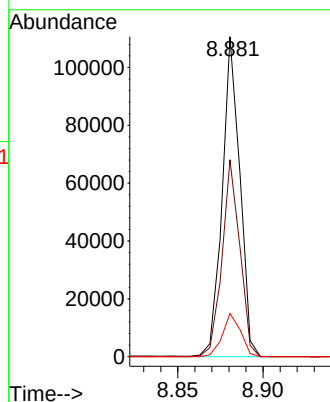
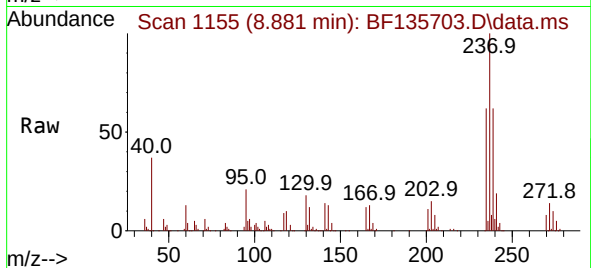
SSTDCCC040

Tgt Ion:237 Resp: 79400
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 13.5 0.0 33.6

Manual Integrations

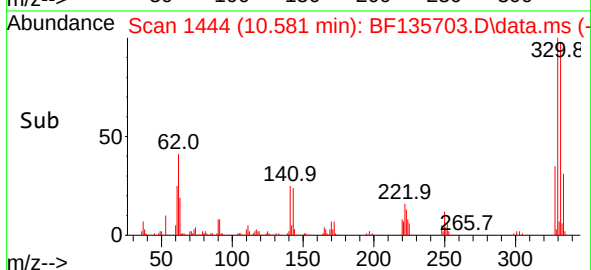
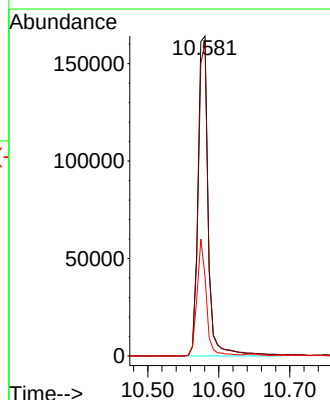
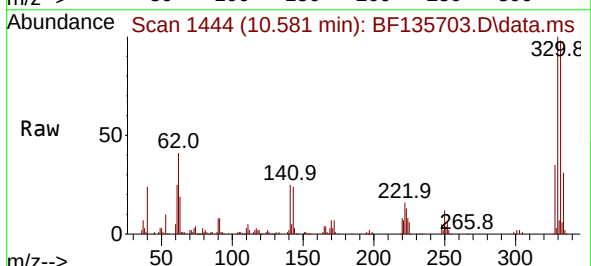
APPROVED

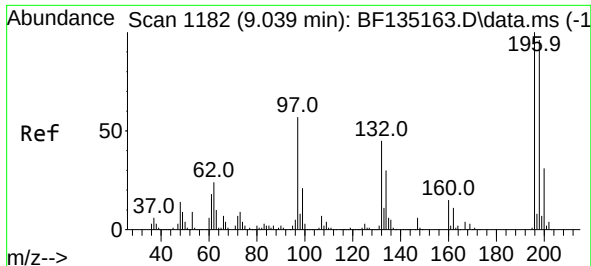
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#42
2,4,6-Tribromophenol
Concen: 78.856 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

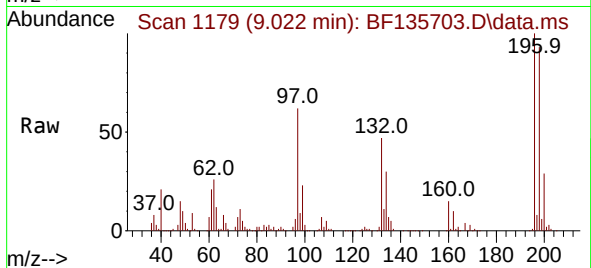
Tgt Ion:330 Resp: 165199
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.9 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 40.003 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

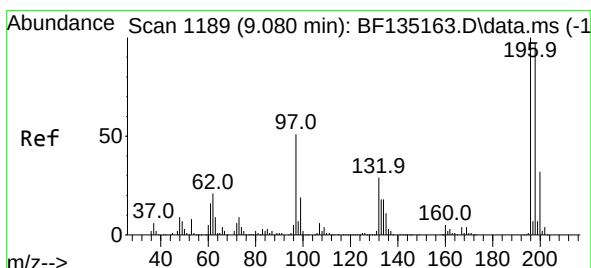
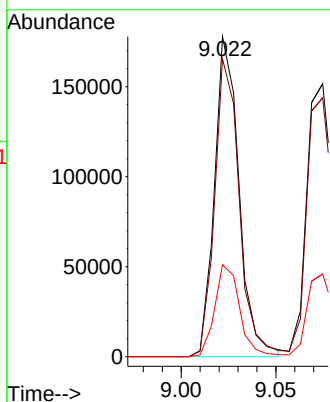
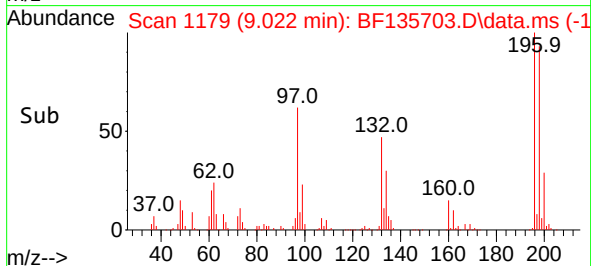
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



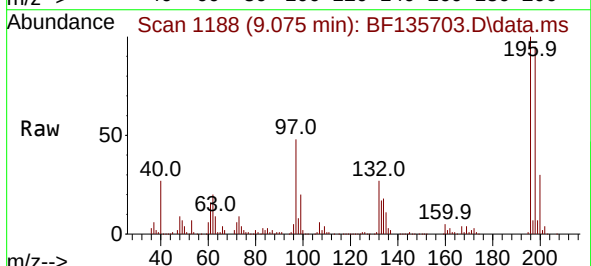
Tgt Ion:196 Resp: 159962
Ion Ratio Lower Upper
196 100
198 93.1 77.0 115.6
200 28.7 24.5 36.7

Manual Integrations
APPROVED

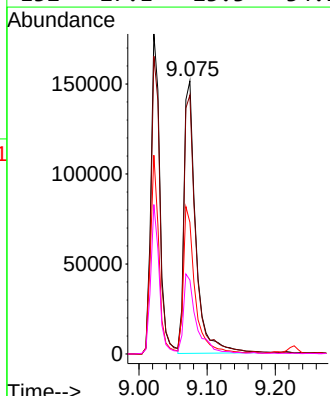
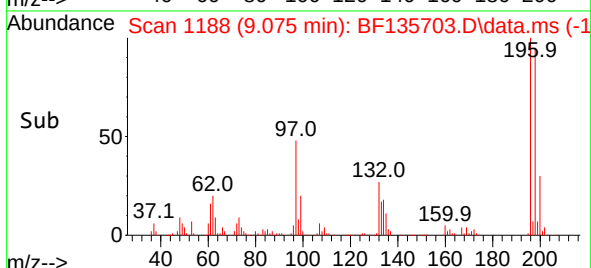
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

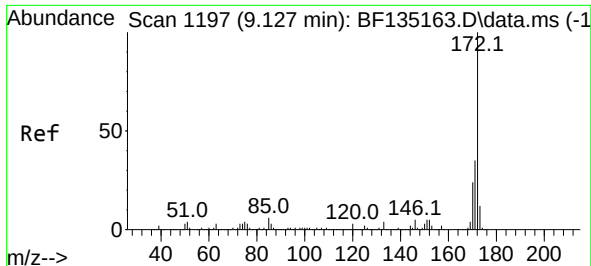


#44
2,4,5-Trichlorophenol
Concen: 39.639 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion:196 Resp: 182535
Ion Ratio Lower Upper
196 100
198 94.9 77.5 116.3
97 48.3 40.5 60.7
132 27.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 79.250 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 110734

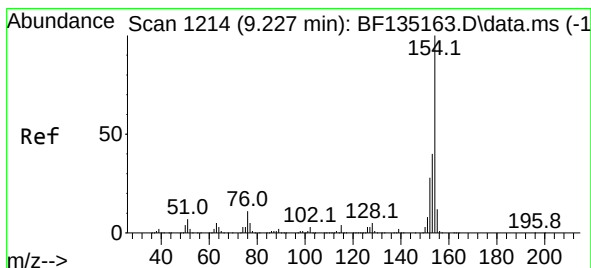
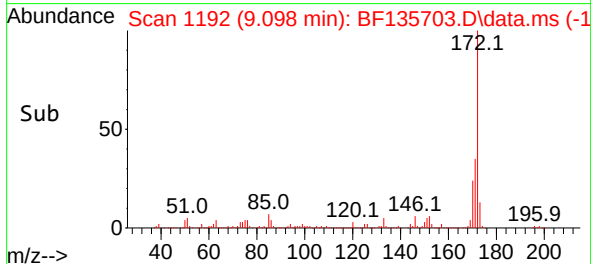
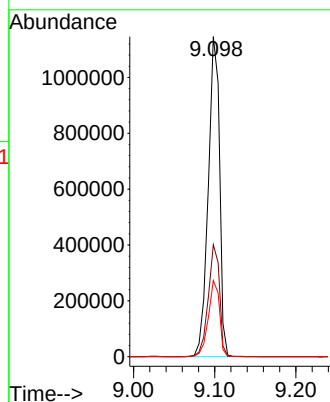
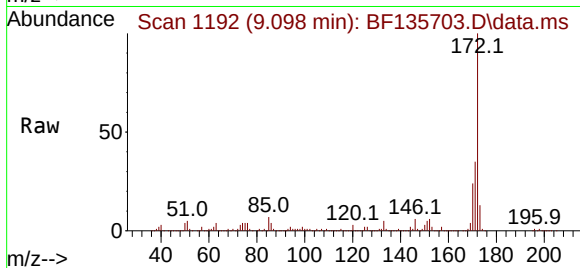
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.4	42.6
170	23.8	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#46

1,1'-Biphenyl

Concen: 41.963 ng

RT: 9.204 min Scan# 1210

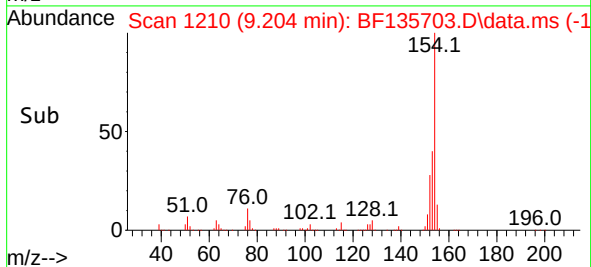
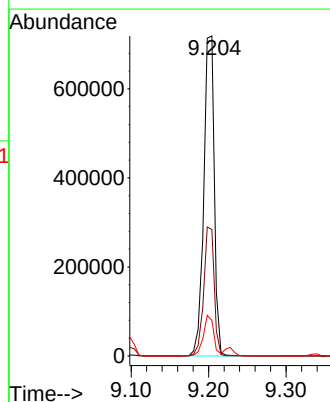
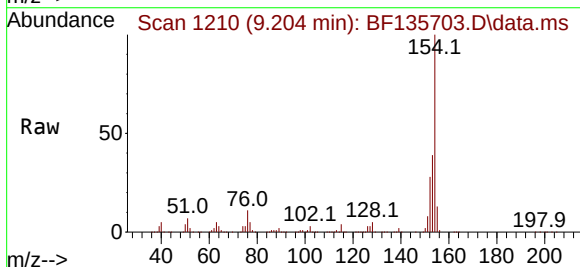
Delta R.T. 0.006 min

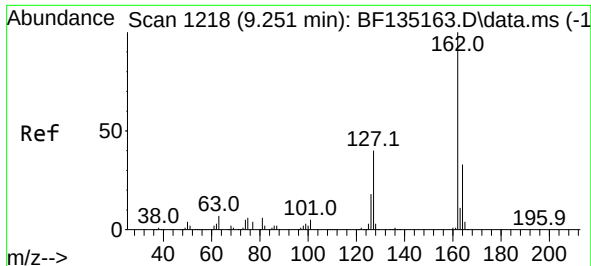
Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Tgt Ion:154 Resp: 679814

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.6	59.6
76	11.1	0.0	31.0





#47

2-Chloronaphthalene

Concen: 41.965 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 493270

Ion Ratio Lower Upper

162 100

127 41.8 32.6 48.8

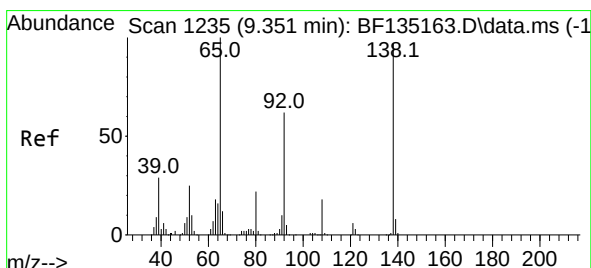
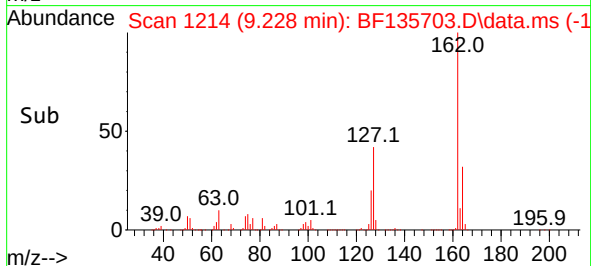
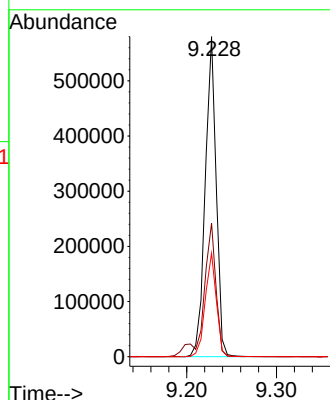
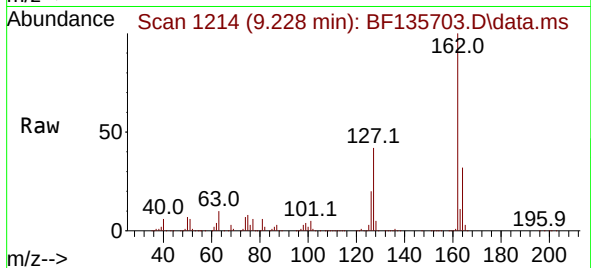
164 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#48

2-Nitroaniline

Concen: 44.324 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

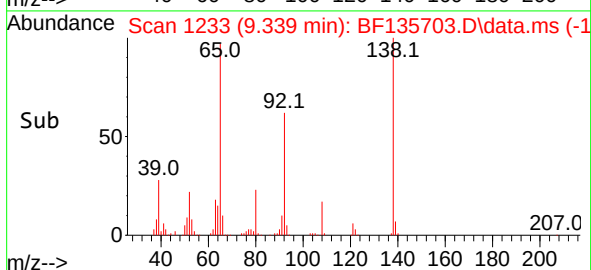
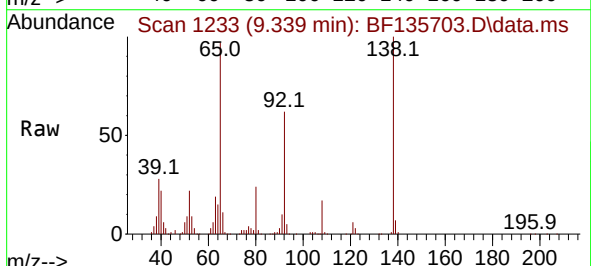
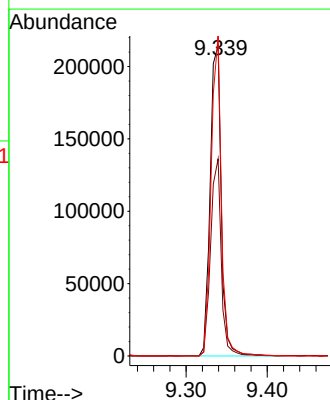
Tgt Ion: 65 Resp: 202408

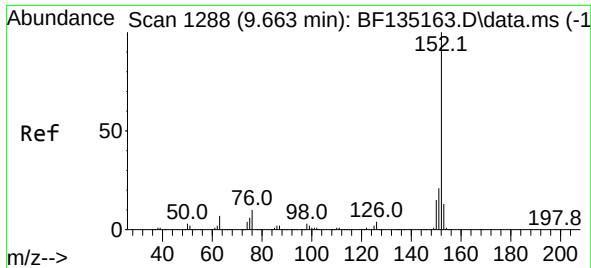
Ion Ratio Lower Upper

65 100

92 63.5 49.4 74.0

138 103.1 77.4 116.0





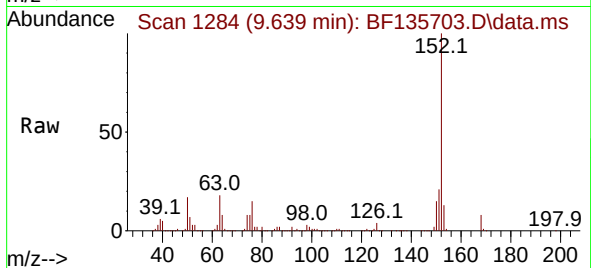
#49
Acenaphthylene
Concen: 40.381 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

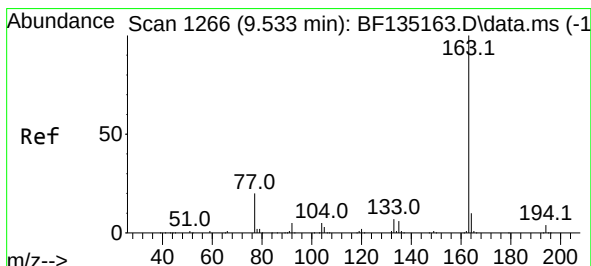
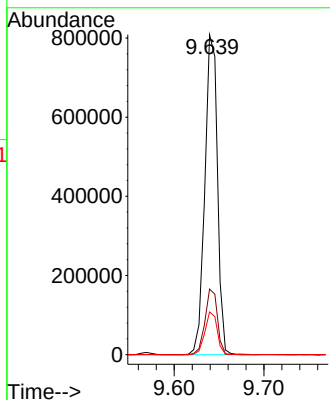
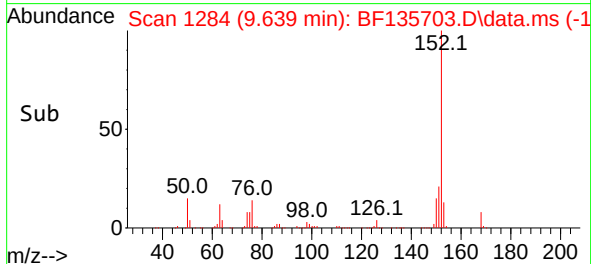


Tgt Ion:152 Resp: 788839
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.4 10.4 15.6

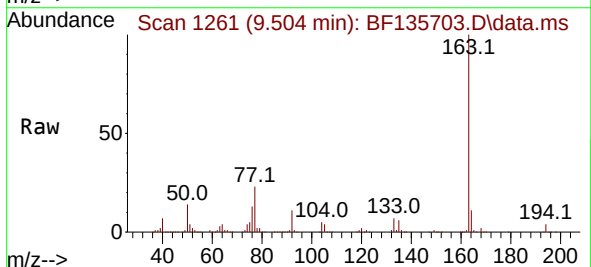
Manual Integrations

APPROVED

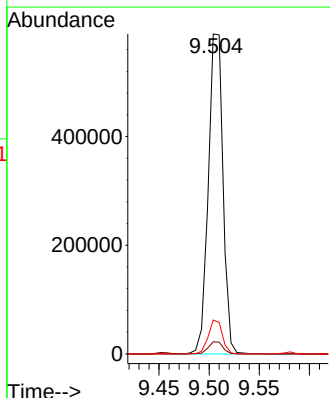
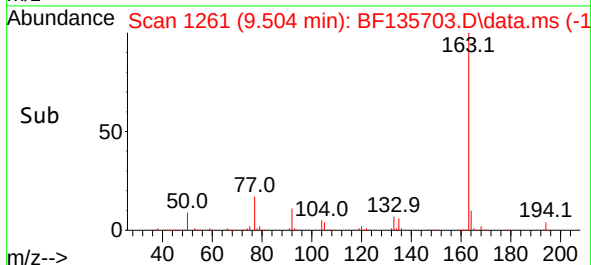
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

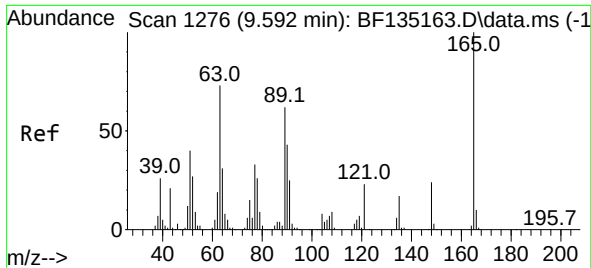


#50
Dimethylphthalate
Concen: 42.327 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion:163 Resp: 603278
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.435 ng
RT: 9.581 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

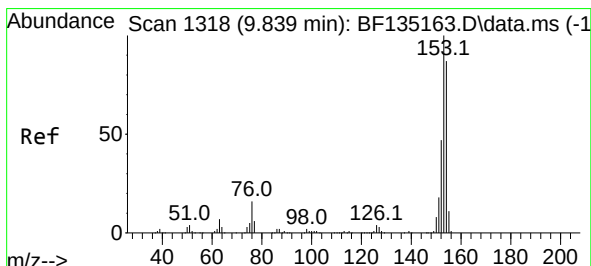
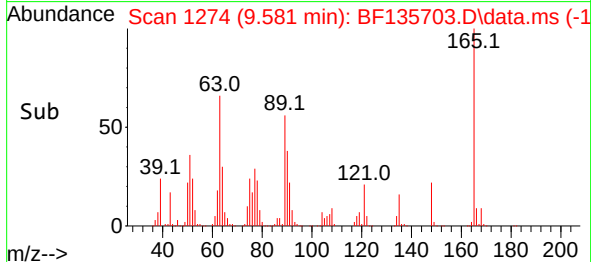
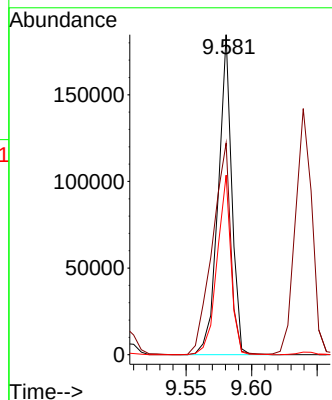
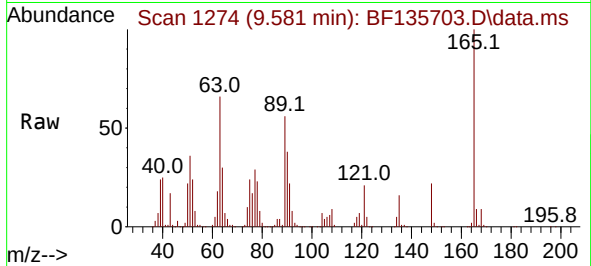
SSTDCCC040

Tgt Ion:165 Resp: 13249
Ion Ratio Lower Upper
165 100
63 66.1 59.4 89.2
89 56.1 49.8 74.8

Manual Integrations

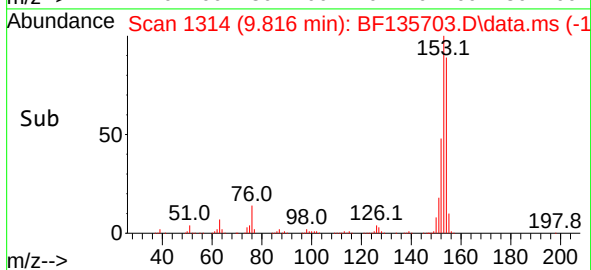
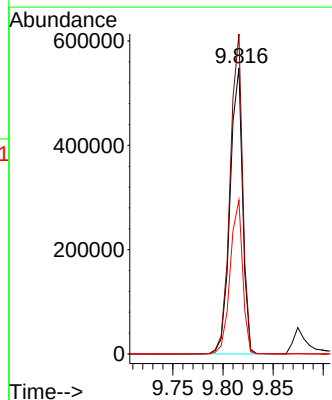
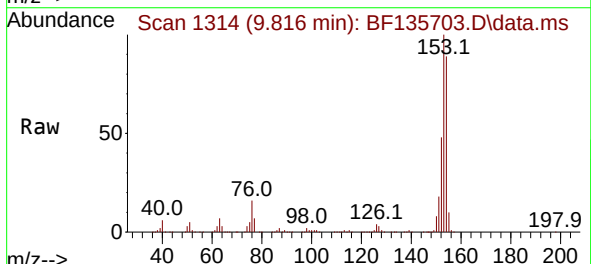
APPROVED

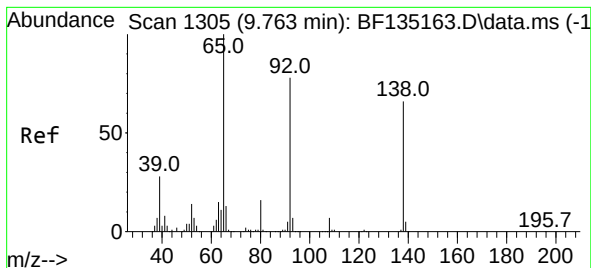
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#52
Acenaphthene
Concen: 41.312 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:154 Resp: 476744
Ion Ratio Lower Upper
154 100
153 112.0 92.1 138.1
152 53.9 43.1 64.7





#53
3-Nitroaniline
Concen: 43.440 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

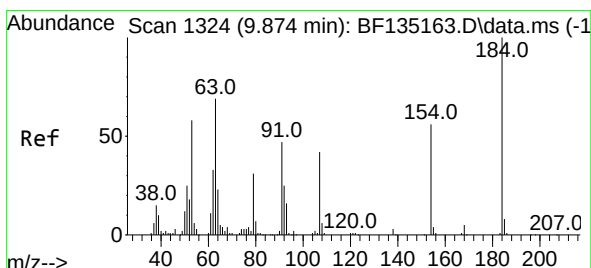
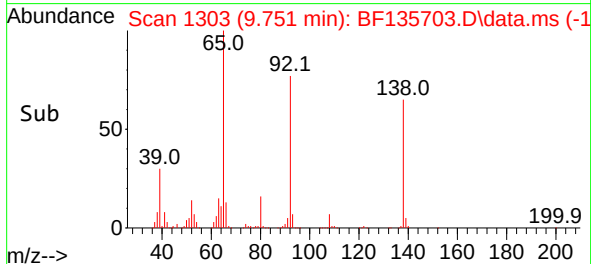
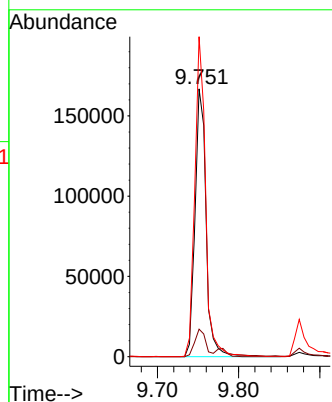
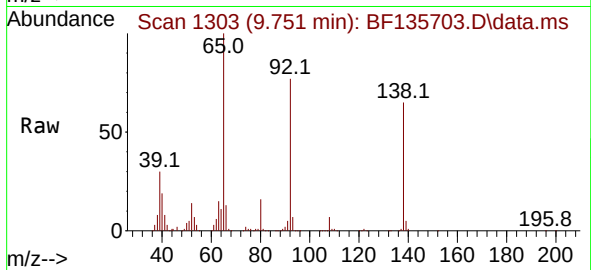
SSTDCCC040

Tgt Ion:138 Resp: 15921
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 119.5 95.4 143.0

Manual Integrations

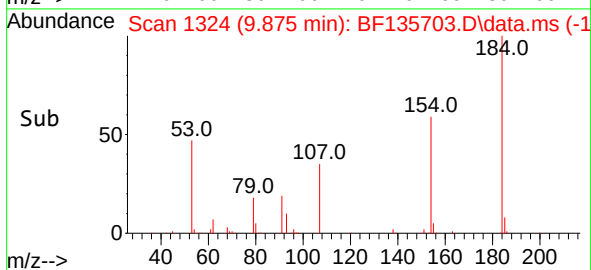
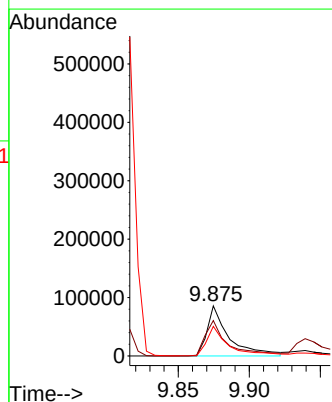
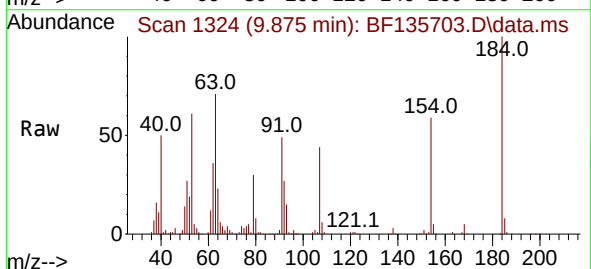
APPROVED

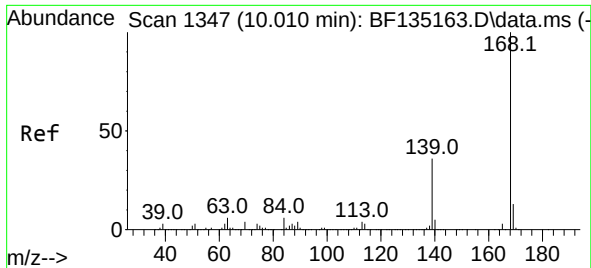
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#54
2,4-Dinitrophenol
Concen: 54.064 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:184 Resp: 91936
Ion Ratio Lower Upper
184 100
63 70.8 55.1 82.7
154 59.3 48.4 72.6





#55
Dibenzenofuran
Concen: 40.298 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

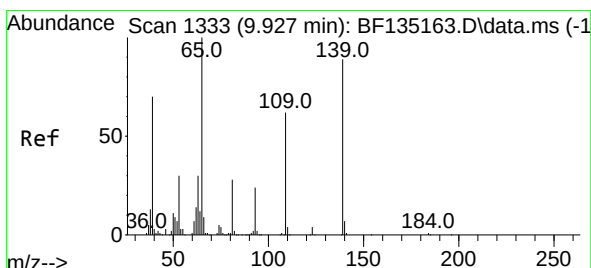
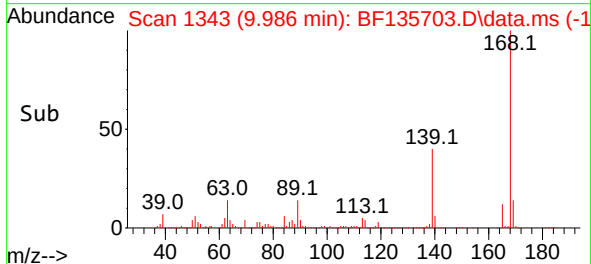
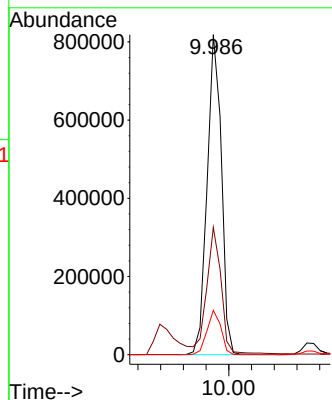
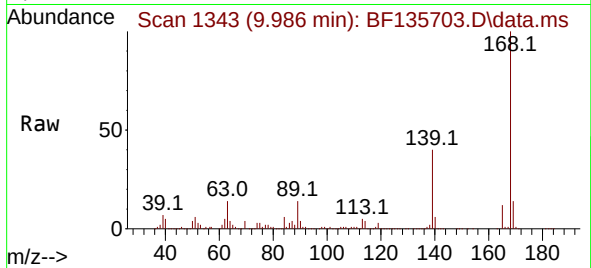
SSTDCCC040

Tgt Ion:168 Resp: 709644
Ion Ratio Lower Upper
168 100
139 39.8 29.0 43.6
169 13.8 10.4 15.6

Manual Integrations

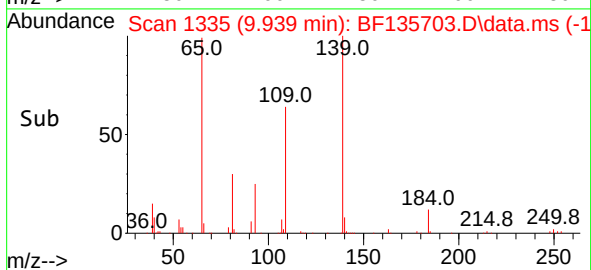
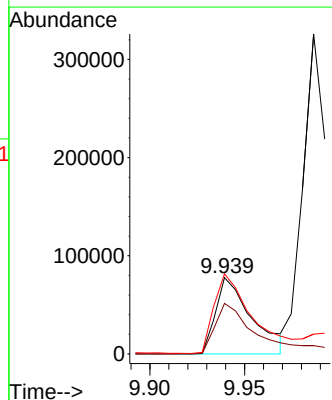
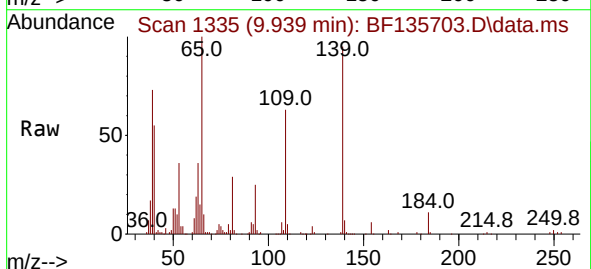
APPROVED

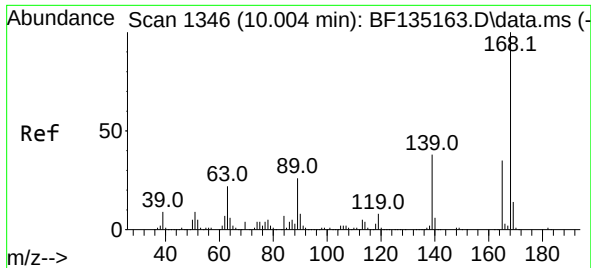
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#56
4-Nitrophenol
Concen: 43.982 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:139 Resp: 102451
Ion Ratio Lower Upper
139 100
109 66.3 49.8 89.8
65 105.1 92.7 132.7





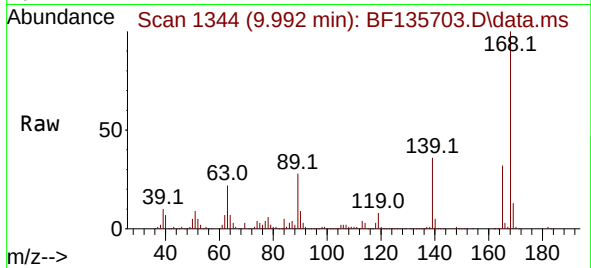
#57
2,4-Dinitrotoluene
Concen: 41.724 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



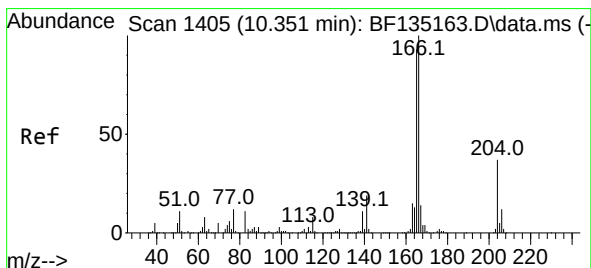
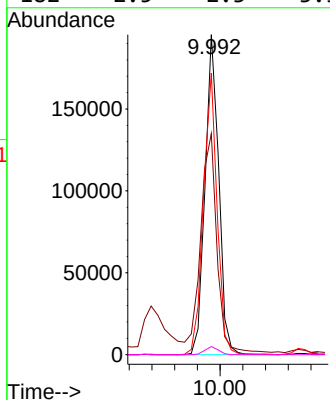
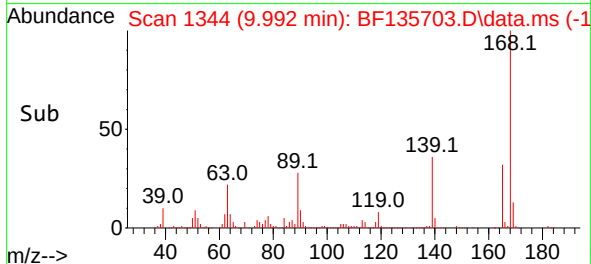
Tgt Ion:165 Resp: 163090
Ion Ratio Lower Upper
165 100
63 69.0 50.1 75.1
89 88.0 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations

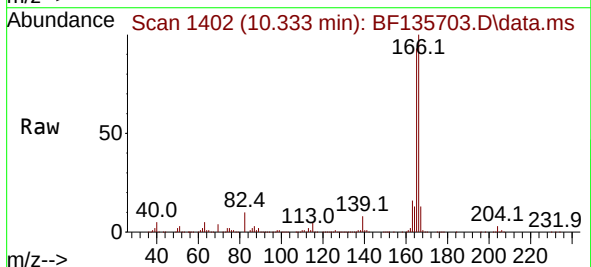
APPROVED

Reviewed By :Yogesh Patel 10/12/2023

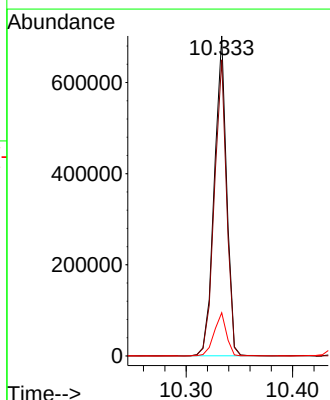
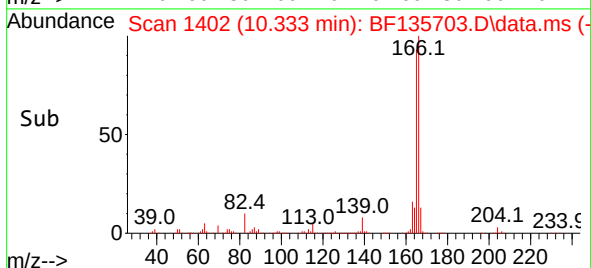
Supervised By :mohammad ahmed 10/13/2023

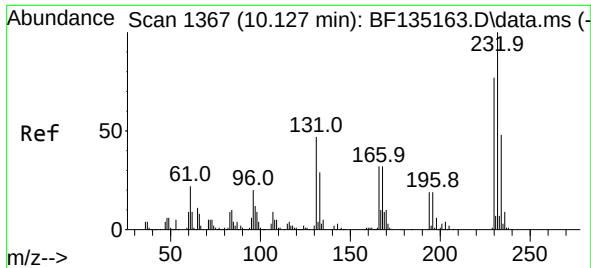


#58
Fluorene
Concen: 41.543 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



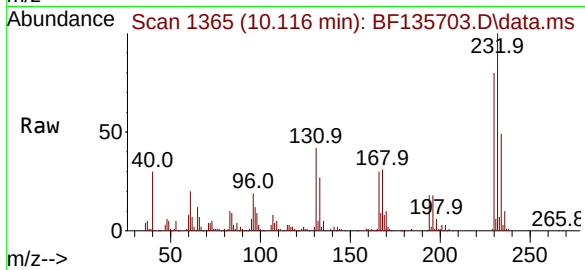
Tgt Ion:166 Resp: 562411
Ion Ratio Lower Upper
166 100
165 92.6 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.521 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

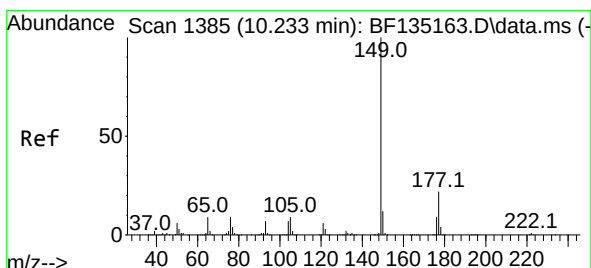
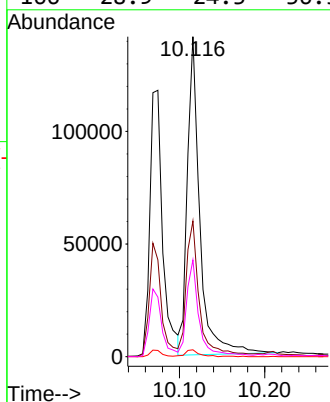
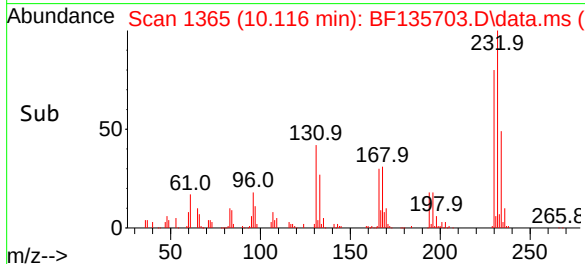
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 143538
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.4 1.8 2.8
166 28.9 24.3 36.5

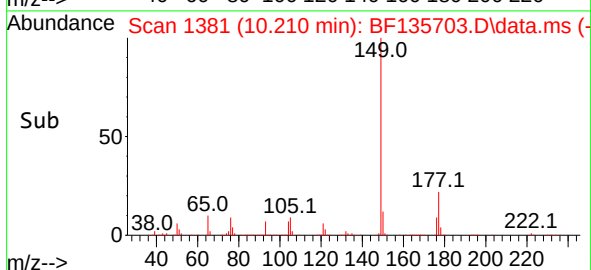
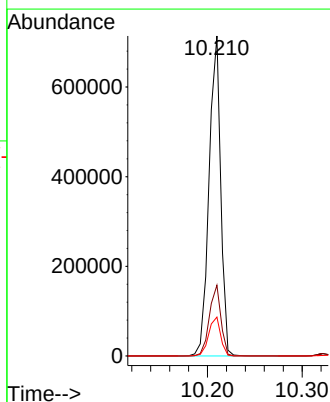
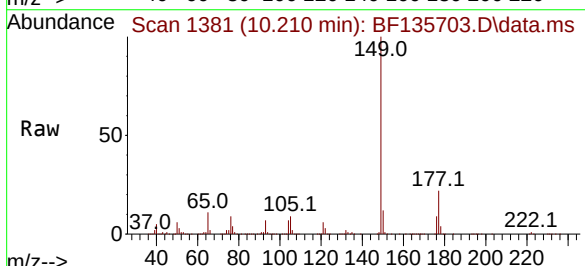
Manual Integrations
APPROVED

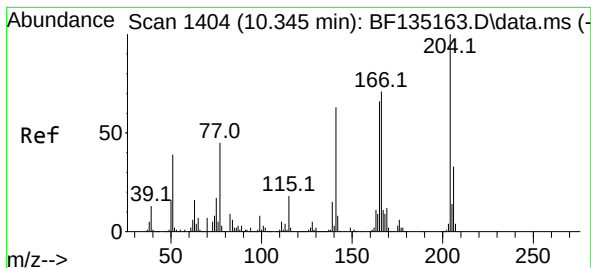
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#60
Diethylphthalate
Concen: 42.483 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

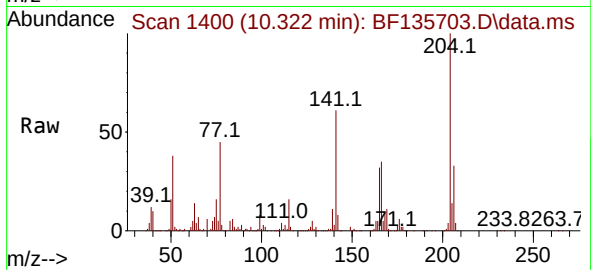
Tgt Ion:149 Resp: 607685
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.588 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

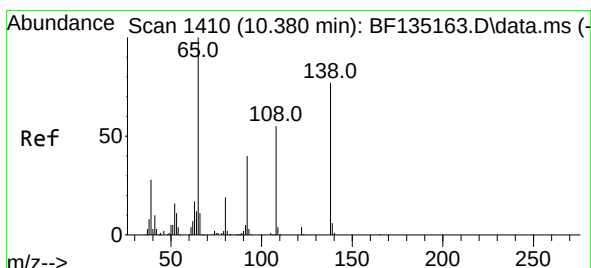
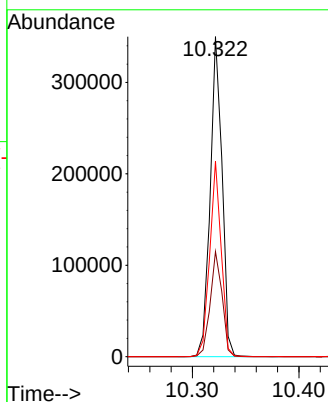
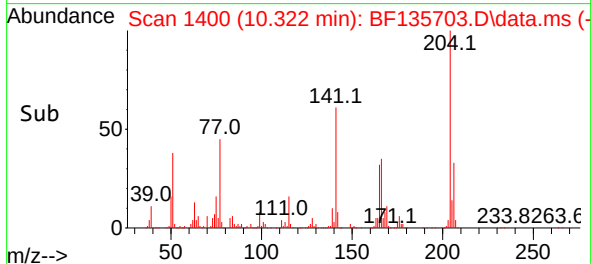
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 27045
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 61.1 50.6 75.8

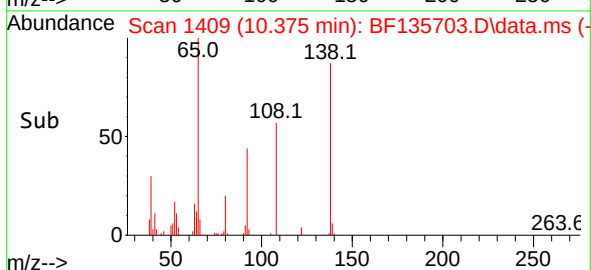
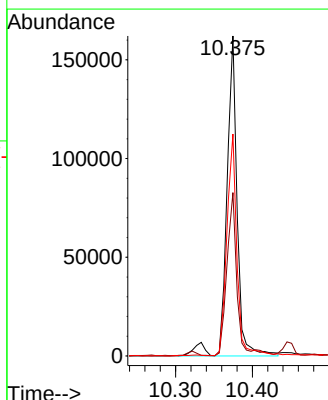
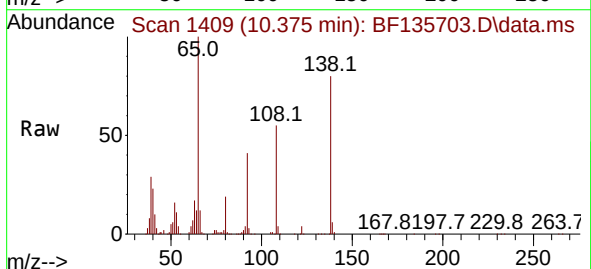
Manual Integrations
APPROVED

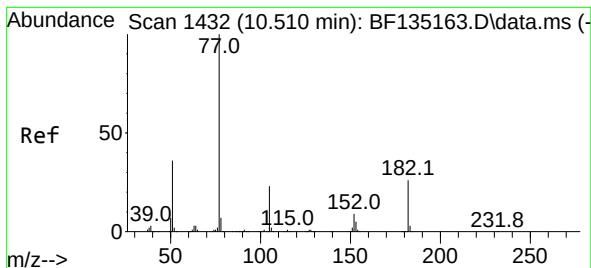
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#62
4-Nitroaniline
Concen: 43.293 ng m
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

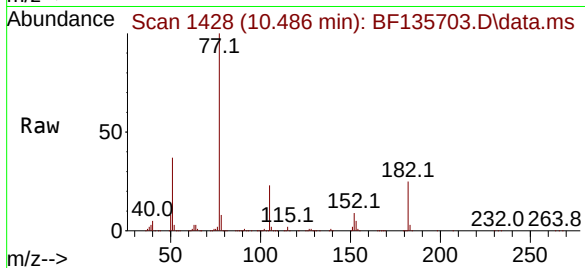
Tgt Ion:138 Resp: 152524
Ion Ratio Lower Upper
138 100
92 51.1 31.8 71.8
108 69.3 52.0 92.0





#63
Azobenzene
Concen: 40.643 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

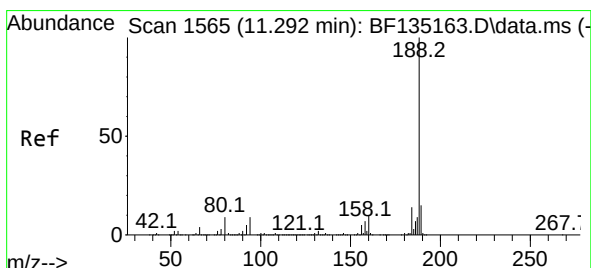
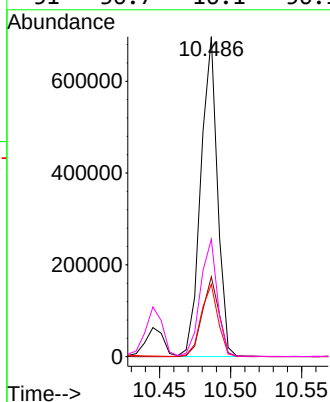
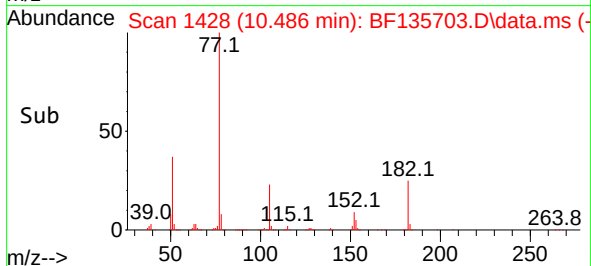
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



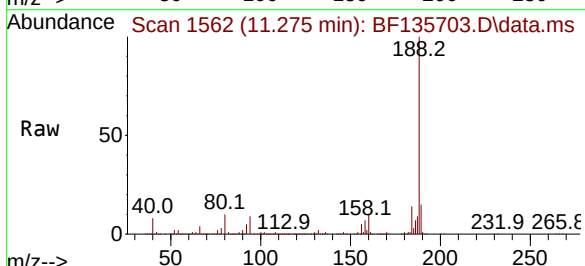
Tgt Ion: 77 Resp: 568977
Ion Ratio Lower Upper
77 100
182 24.9 6.4 46.4
105 22.6 3.1 43.1
51 36.7 16.1 56.1

Manual Integrations
APPROVED

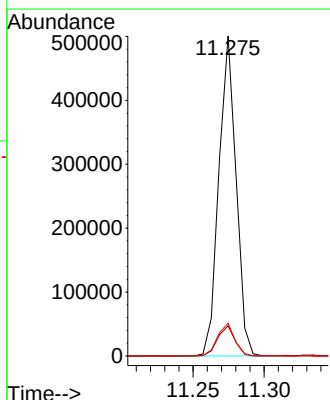
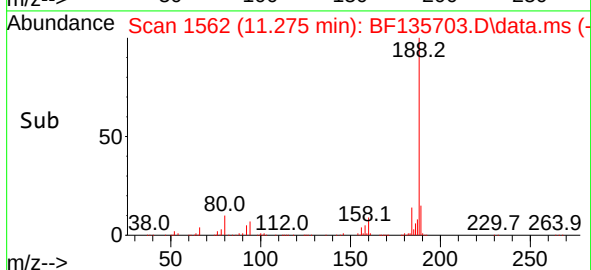
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

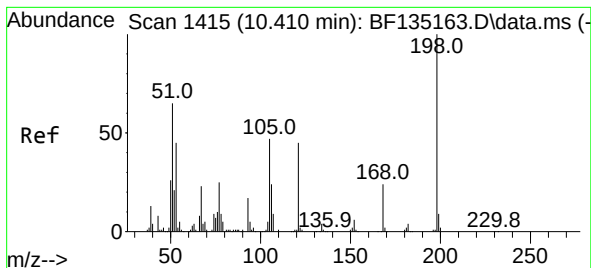


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion:188 Resp: 422077
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.2 7.5 11.3





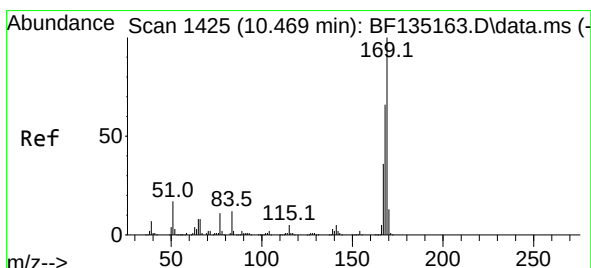
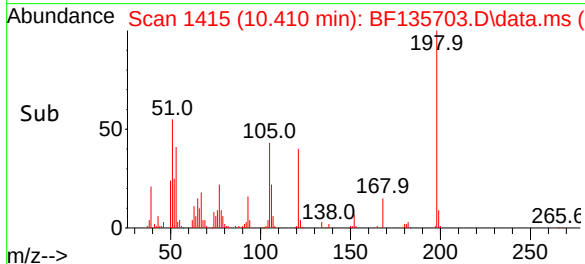
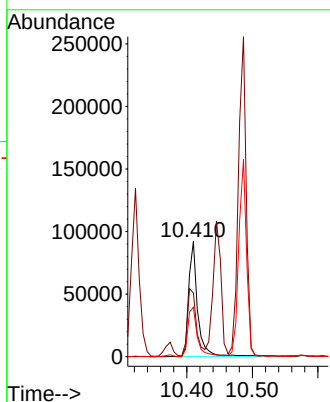
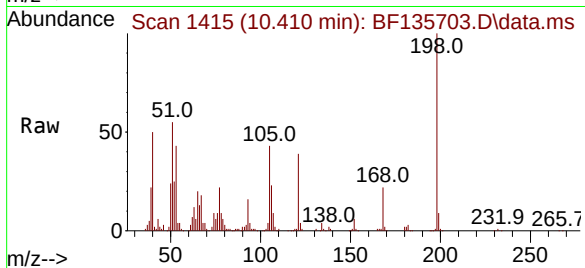
#65
4,6-Dinitro-2-methylphenol
Concen: 39.167 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 87800
Ion Ratio Lower Upper
198 100
51 55.3 47.7 87.7
105 43.0 27.4 67.4

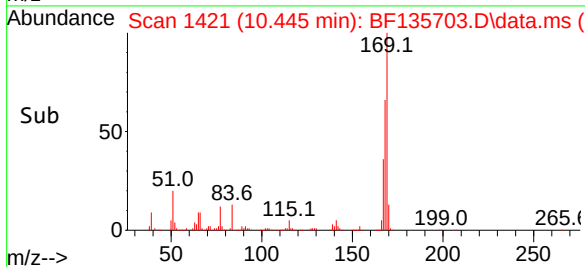
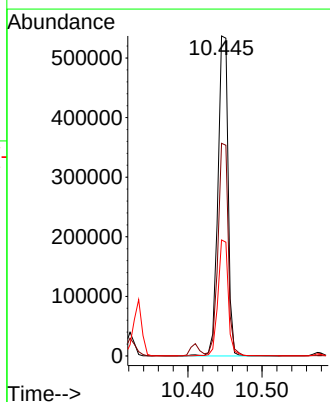
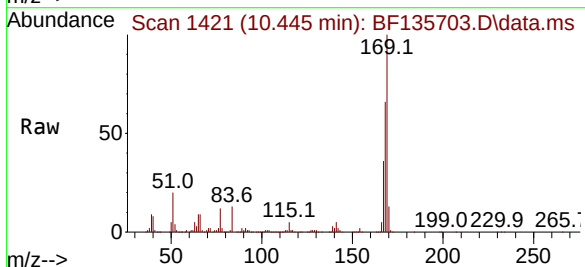
Manual Integrations
APPROVED

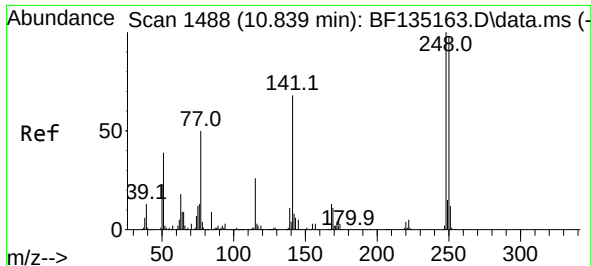
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#66
n-Nitrosodiphenylamine
Concen: 39.965 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

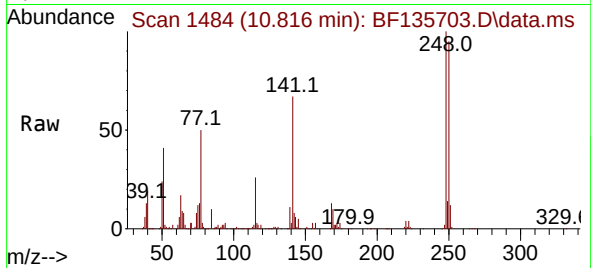
Tgt Ion:169 Resp: 510683
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.560 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

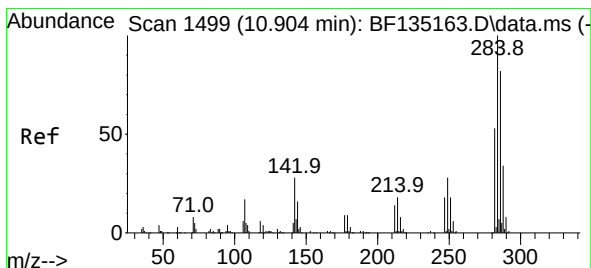
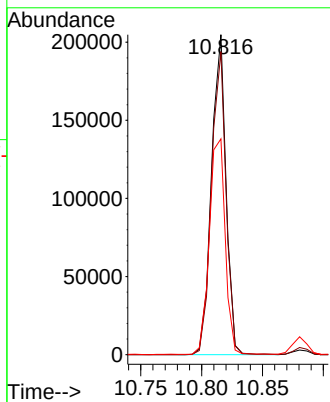
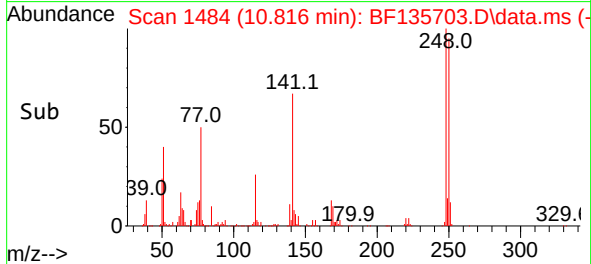
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 170264
Ion Ratio Lower Upper
248 100
250 94.7 78.6 117.8
141 67.4 54.2 81.2

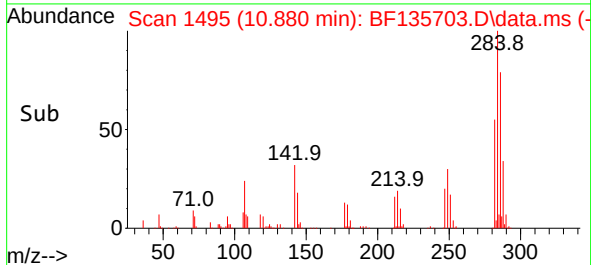
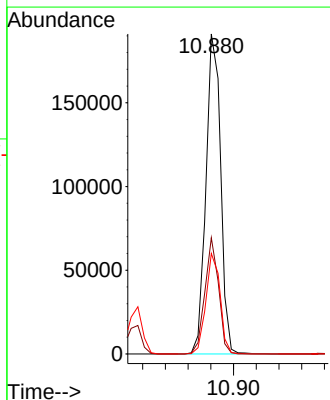
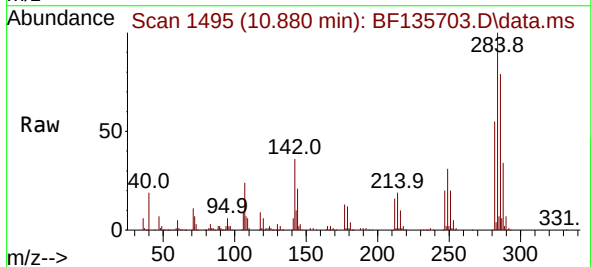
Manual Integrations
APPROVED

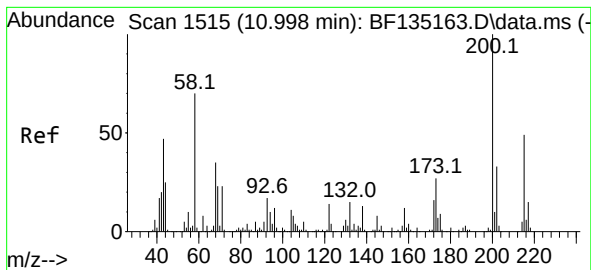
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#68
Hexachlorobenzene
Concen: 40.037 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:284 Resp: 171223
Ion Ratio Lower Upper
284 100
142 36.3 22.2 33.4#
249 31.4 22.5 33.7





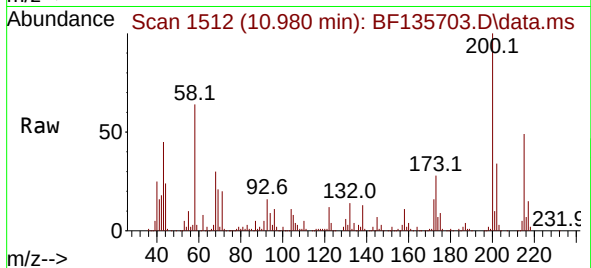
#69
 Atrazine
 Concen: 38.963 ng
 RT: 10.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135703.D
 Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

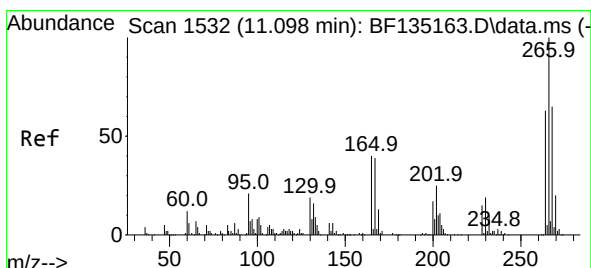
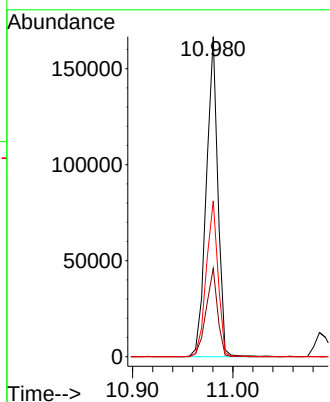
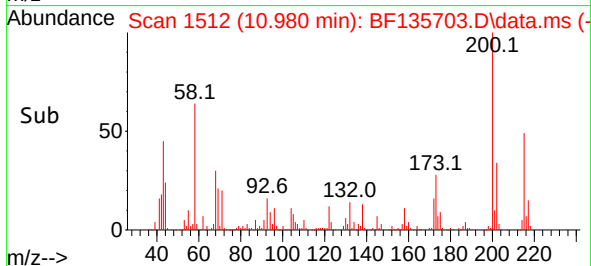


Tgt Ion:200 Resp: 13396
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 48.7 28.6 68.6

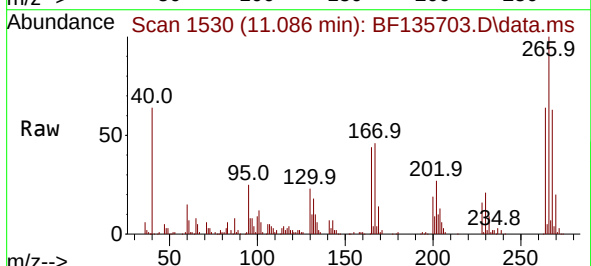
Manual Integrations

APPROVED

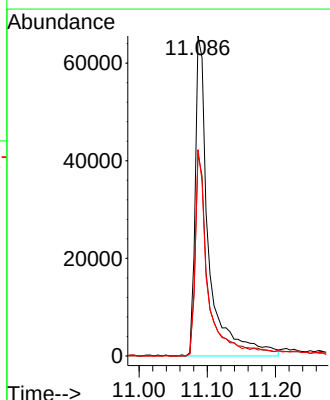
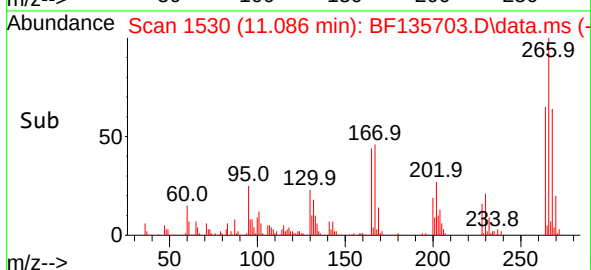
Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

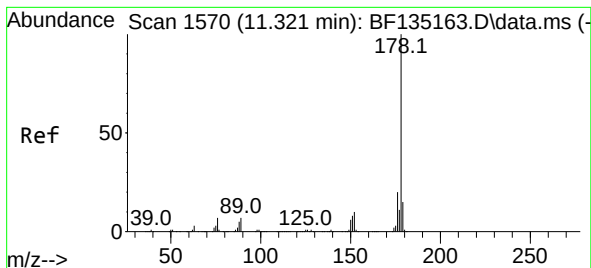


#70
 Pentachlorophenol
 Concen: 35.449 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF135703.D
 Acq: 11 Oct 2023 10:01



Tgt Ion:266 Resp: 90703
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.1 78.1
 264 64.5 50.8 76.2





#71

Phenanthrene

Concen: 41.366 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 825760

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

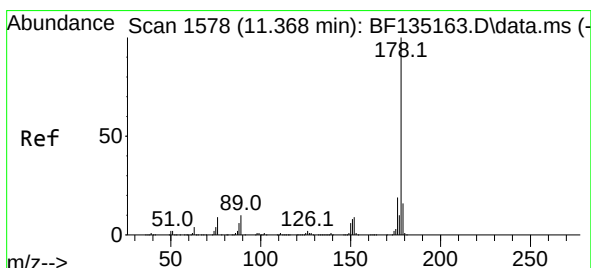
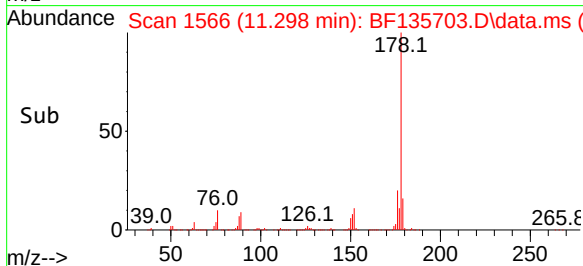
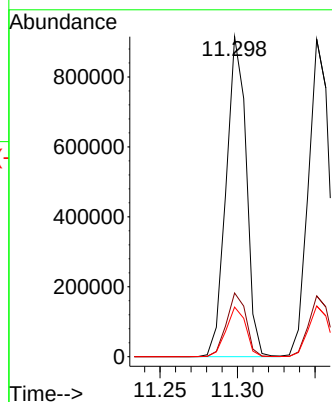
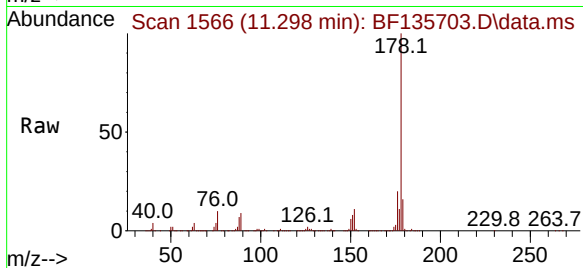
179 15.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#72

Anthracene

Concen: 41.157 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

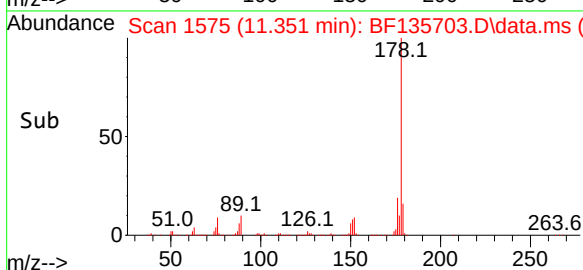
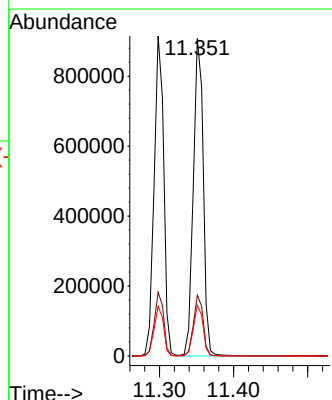
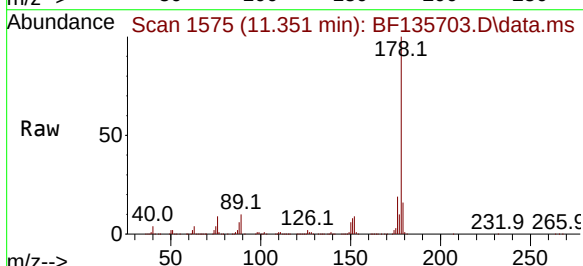
Tgt Ion:178 Resp: 844515

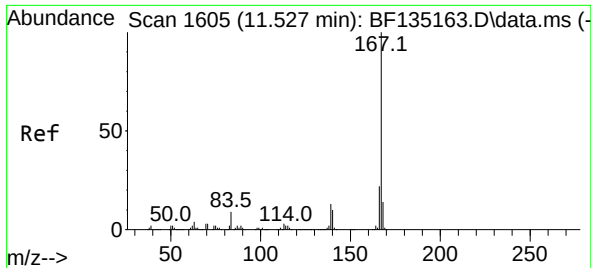
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

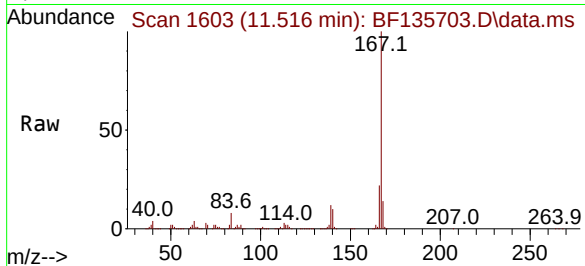
179 16.0 12.6 19.0





#73
Carbazole
Concen: 43.644 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

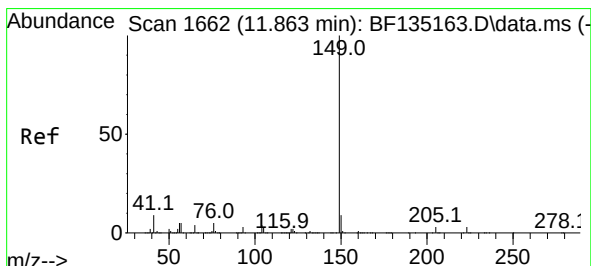
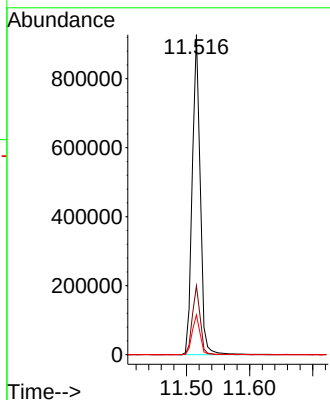
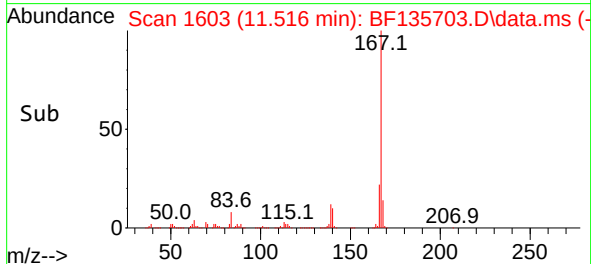
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



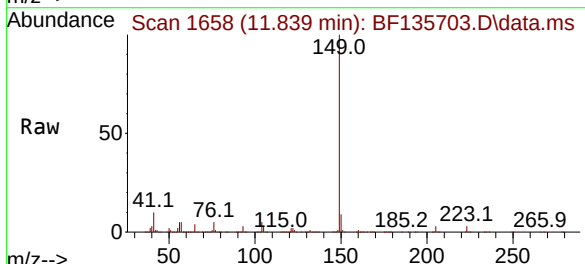
Tgt Ion:167 Resp: 815230
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 12.4 10.6 15.8

Manual Integrations
APPROVED

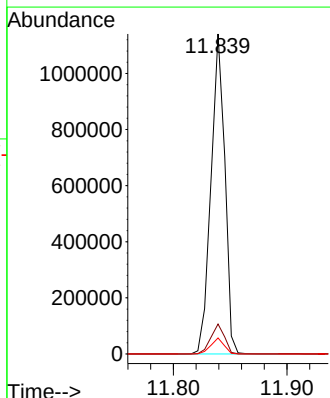
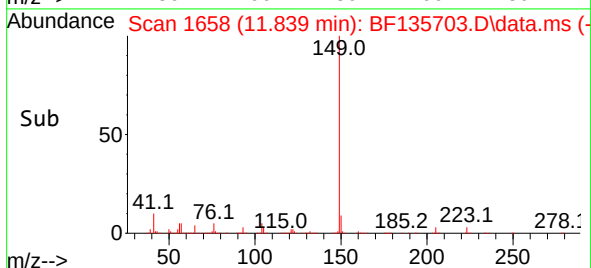
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

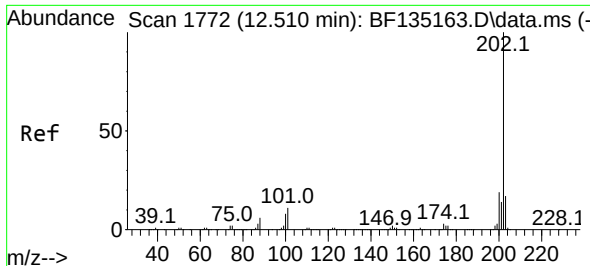


#74
Di-n-butylphthalate
Concen: 43.796 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



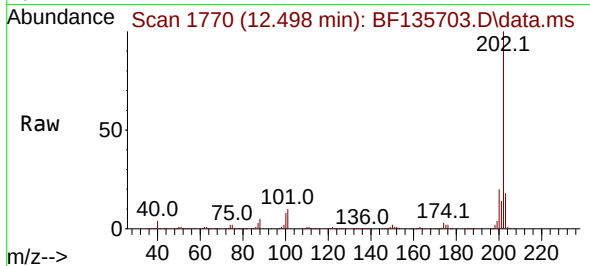
Tgt Ion:149 Resp: 963966
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 41.740 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

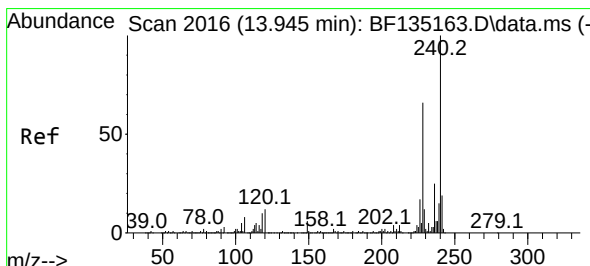
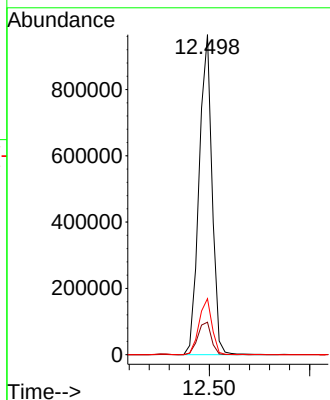
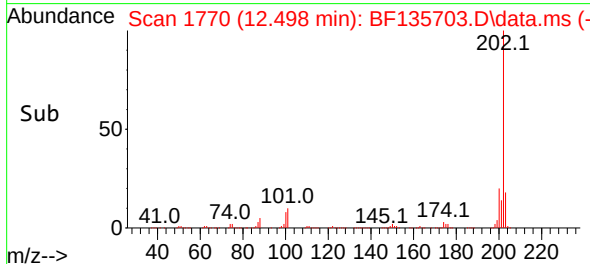
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 868229
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.3
203 17.5 0.0 37.4

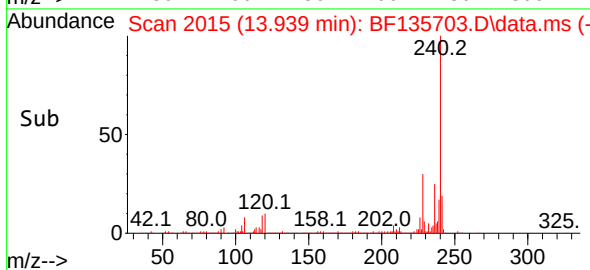
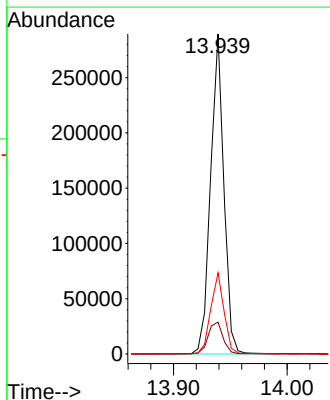
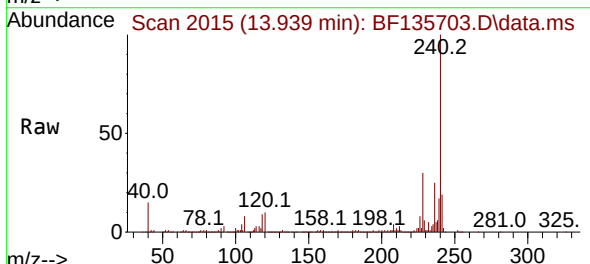
Manual Integrations
APPROVED

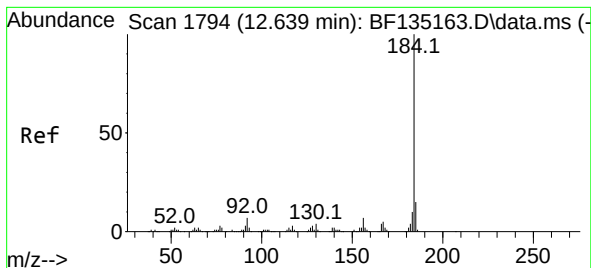
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:240 Resp: 235125
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.2
236 25.4 19.8 29.8





#77

Benzidine

Concen: 33.649 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

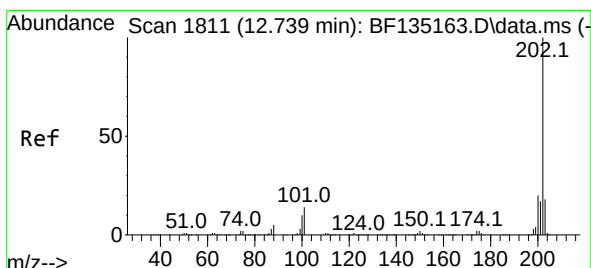
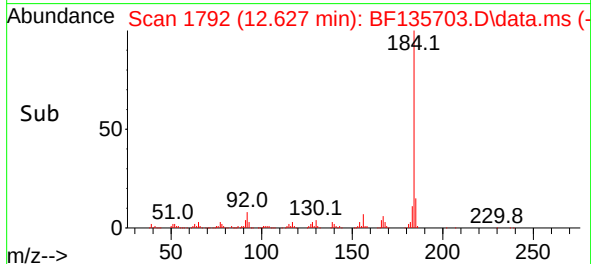
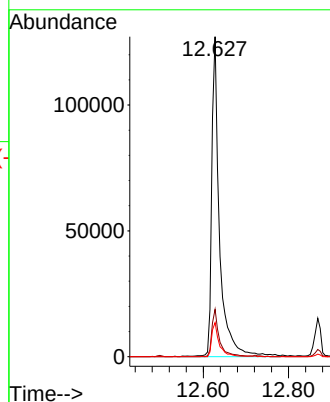
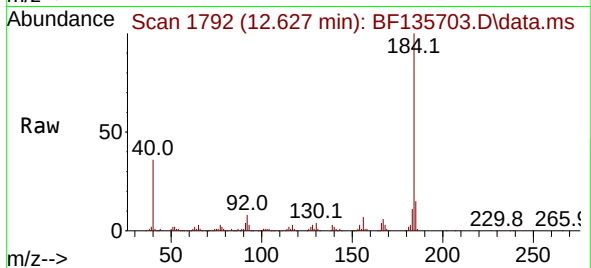
Tgt Ion:184	Resp: 162084
Ion Ratio	Lower Upper
184 100	
185 14.8	11.7 17.5
183 10.6	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#78

Pyrene

Concen: 38.191 ng

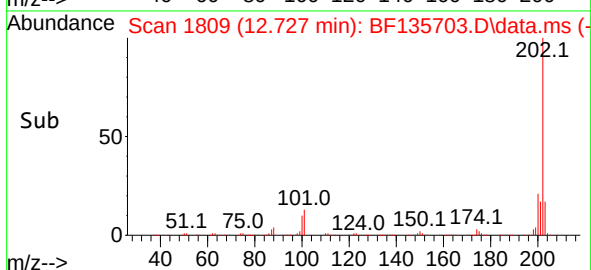
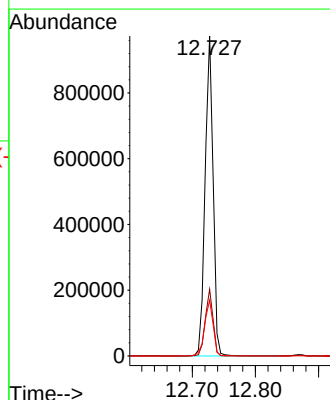
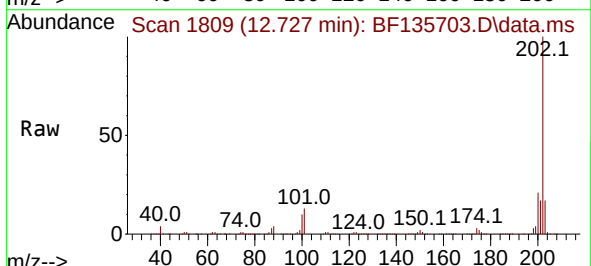
RT: 12.727 min Scan# 1809

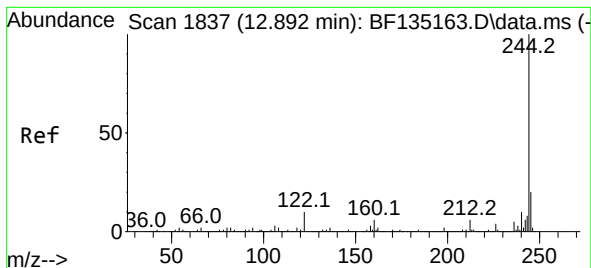
Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Tgt Ion:202	Resp: 854922
Ion Ratio	Lower Upper
202 100	
200 20.8	16.2 24.2
203 17.4	14.2 21.4





#79

Terphenyl-d14

Concen: 75.603 ng

RT: 12.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 114671

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

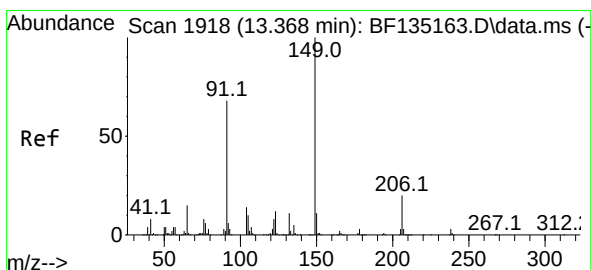
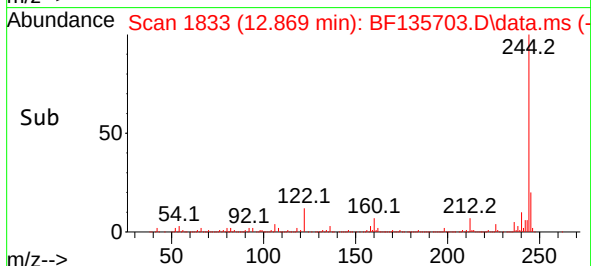
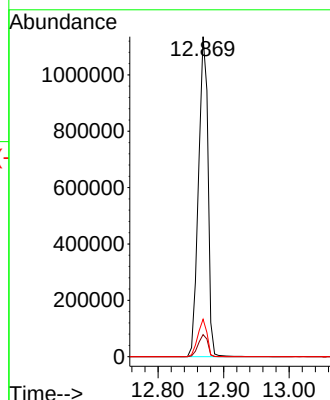
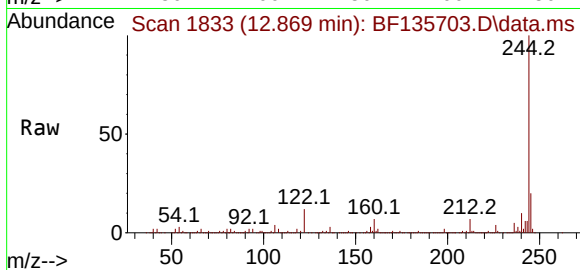
122 11.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#80

Butylbenzylphthalate

Concen: 48.263 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

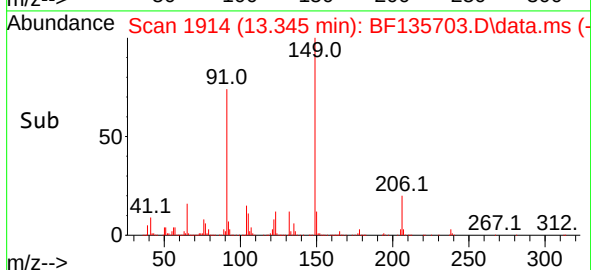
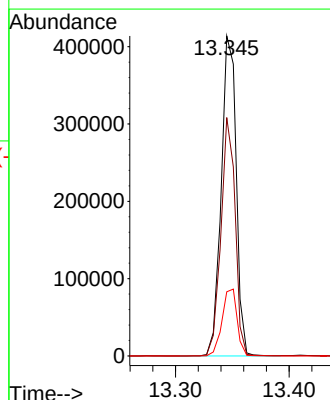
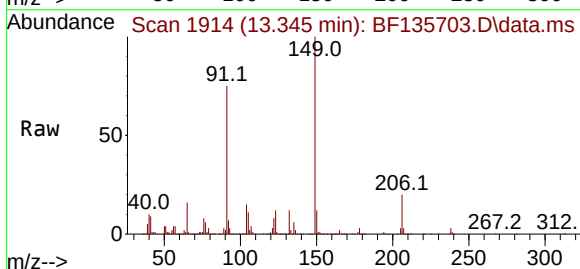
Tgt Ion:149 Resp: 380390

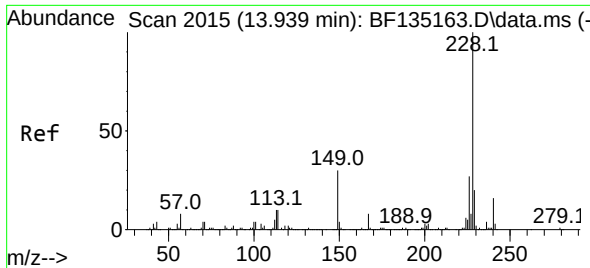
Ion Ratio Lower Upper

149 100

91 74.5 54.7 82.1

206 20.1 16.3 24.5





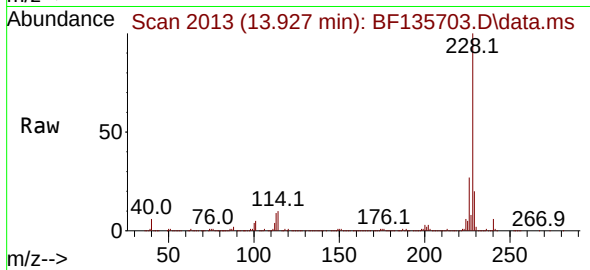
#81
Benzo(a)anthracene
Concen: 42.575 ng
RT: 13.927 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



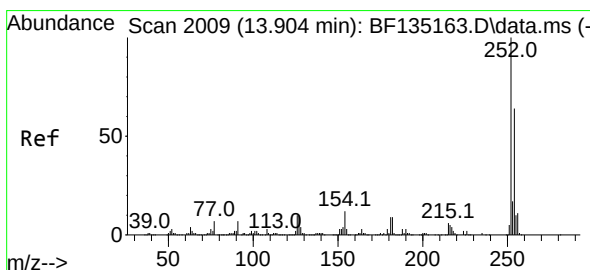
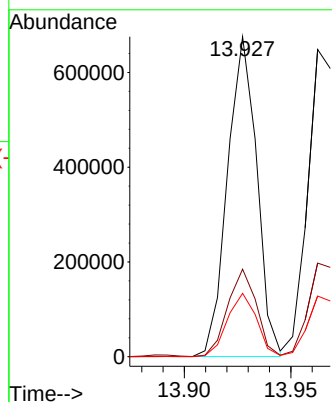
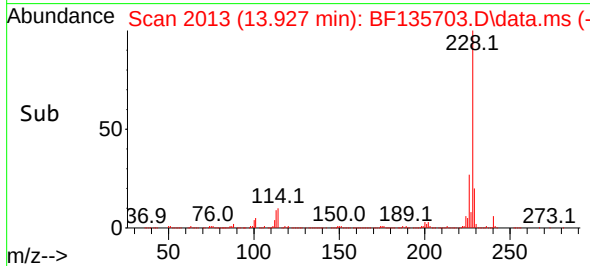
Tgt Ion:228 Resp: 64639
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.8 23.8

Manual Integrations

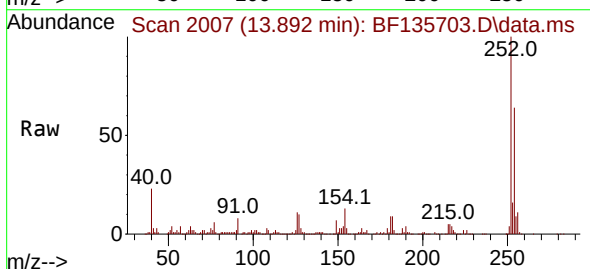
APPROVED

Reviewed By :Yogesh Patel 10/12/2023

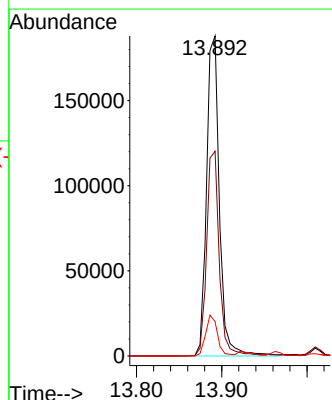
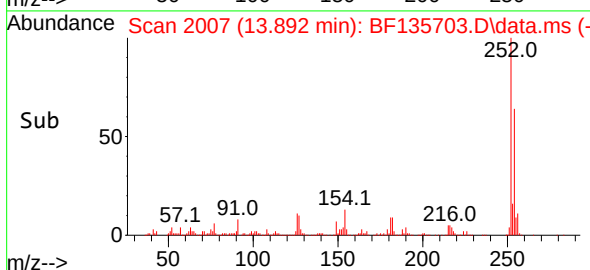
Supervised By :mohammad ahmed 10/13/2023

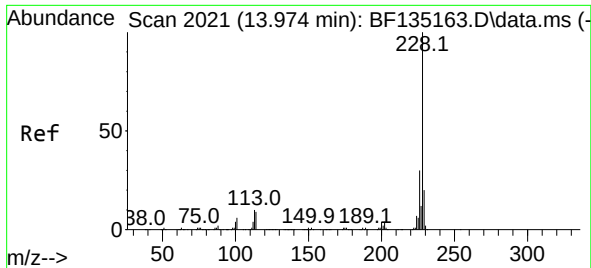


#82
3,3'-Dichlorobenzidine
Concen: 41.429 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion:252 Resp: 196469
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 10.8 7.8 11.8





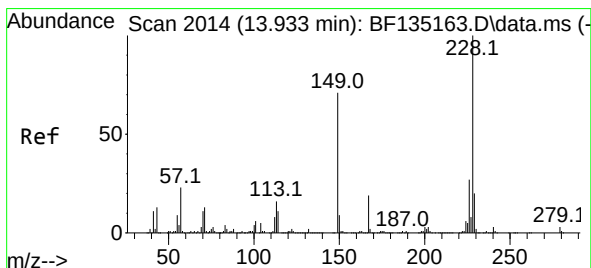
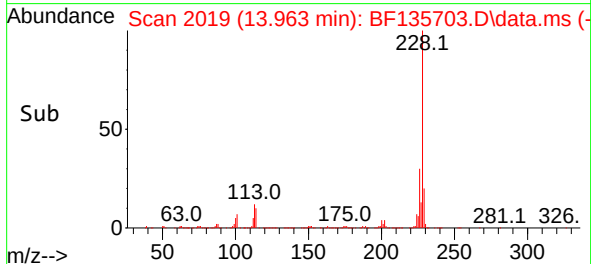
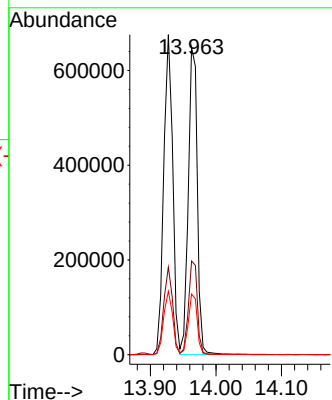
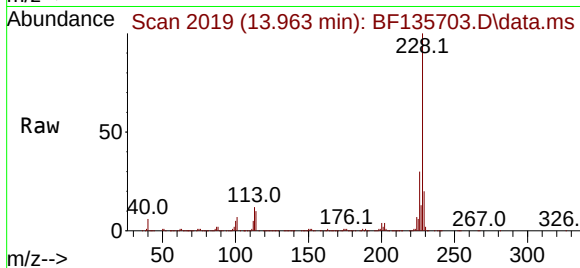
#83
Chrysene
Concen: 40.700 ng
RT: 13.963 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 61437
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.7 16.0 24.0

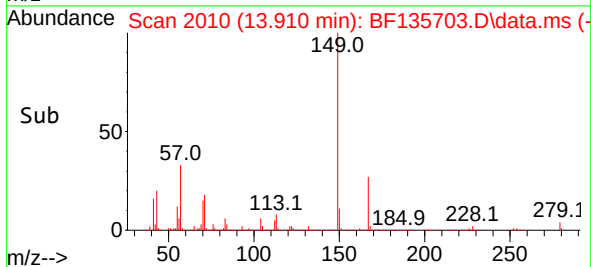
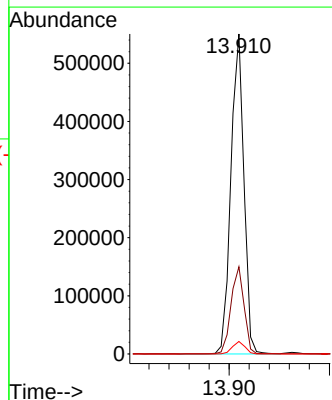
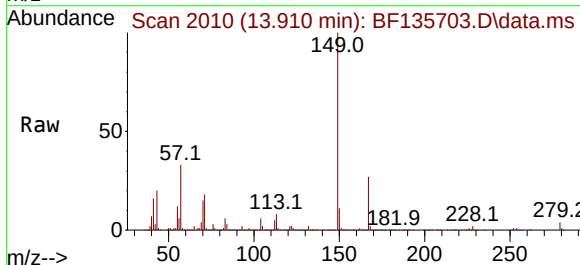
Manual Integrations
APPROVED

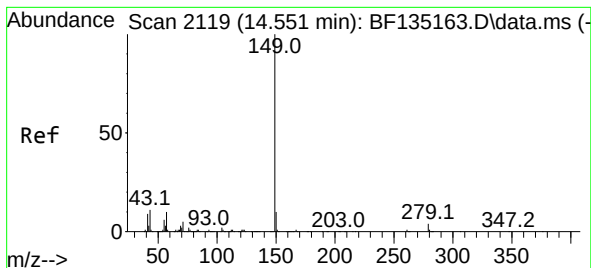
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.091 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:149 Resp: 494103
Ion Ratio Lower Upper
149 100
167 27.3 21.9 32.9
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.825 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 66612

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7

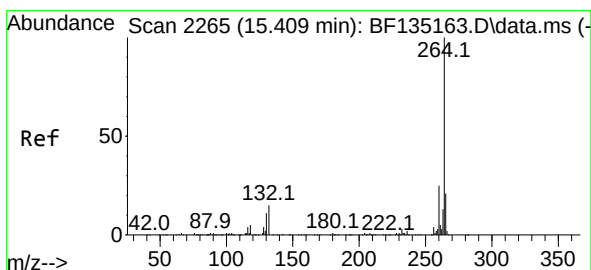
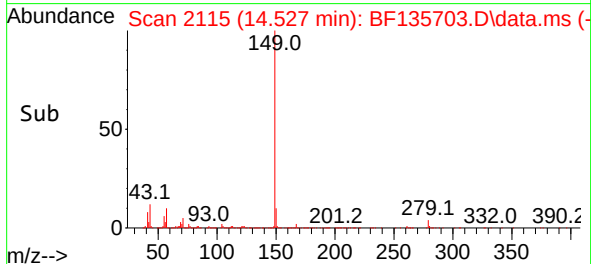
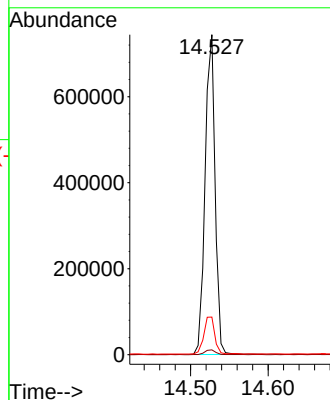
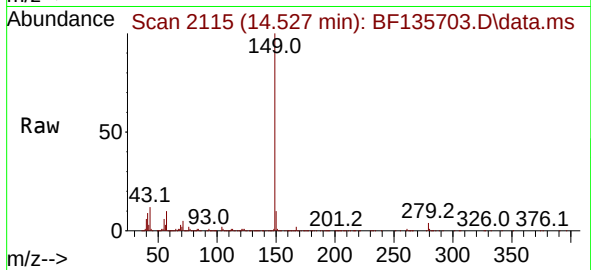
43 12.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

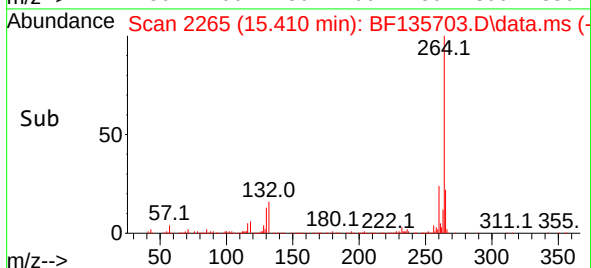
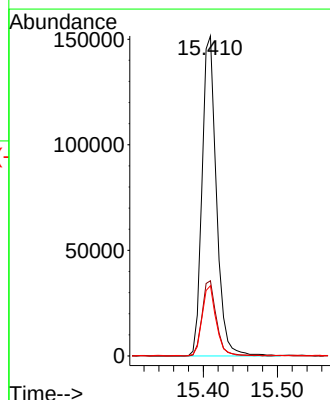
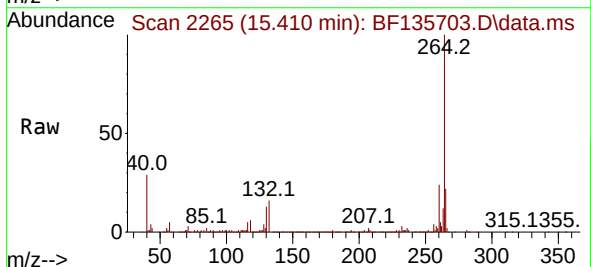
Tgt Ion:264 Resp: 203709

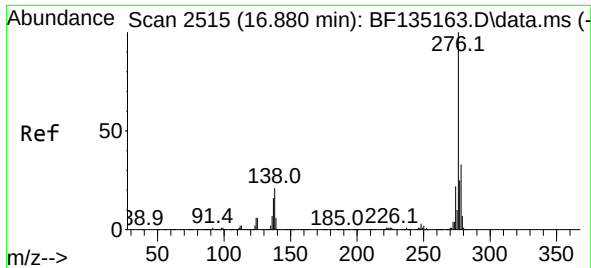
Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.628 ng
RT: 16.910 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

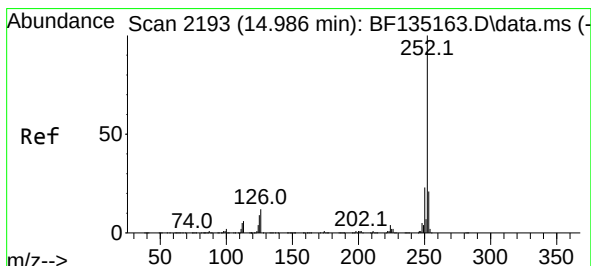
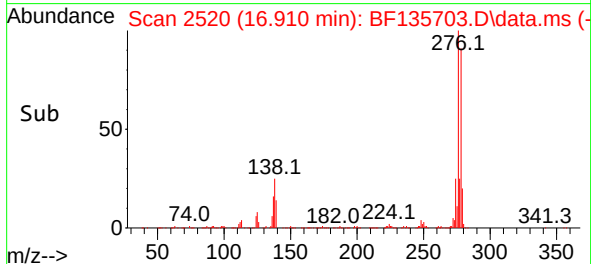
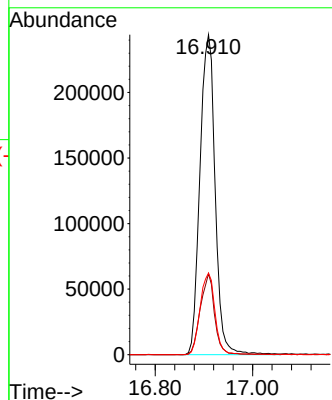
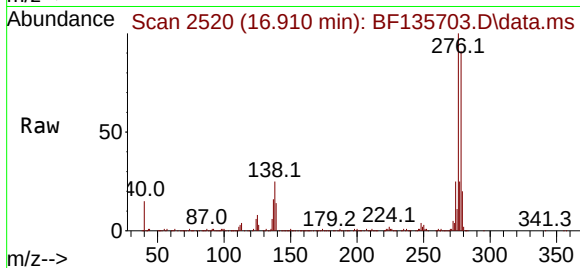
SSTDCCC040

Tgt Ion:276 Resp: 529280
Ion Ratio Lower Upper
276 100
138 23.7 19.2 28.8
277 24.9 19.7 29.5

Manual Integrations

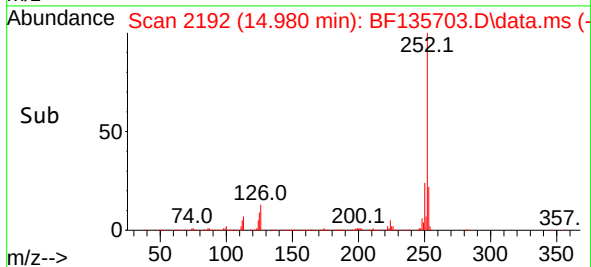
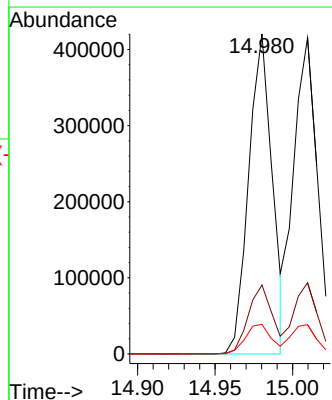
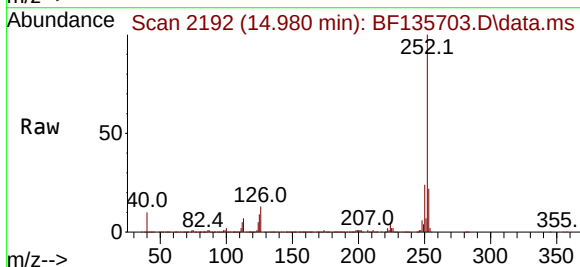
APPROVED

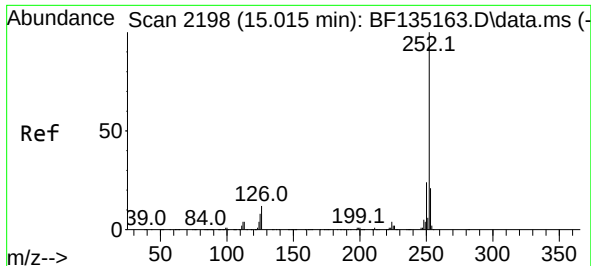
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#88
Benzo(b)fluoranthene
Concen: 40.314 ng
RT: 14.980 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Tgt Ion:252 Resp: 444560
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.625 ng

RT: 15.010 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 453429

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

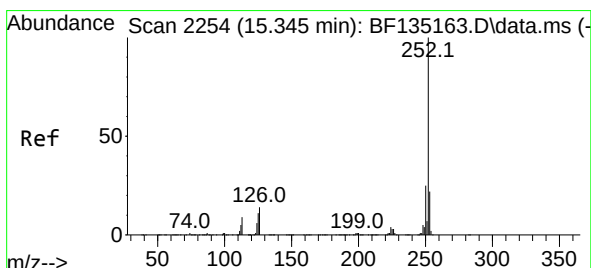
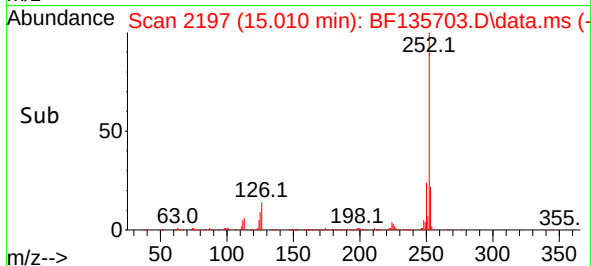
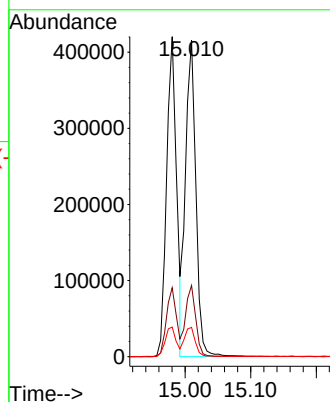
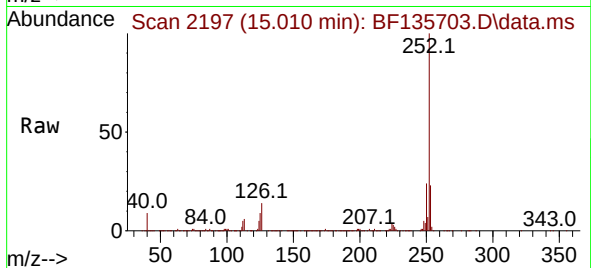
125 9.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023

Supervised By :mohammad ahmed 10/13/2023



#90

Benzo(a)pyrene

Concen: 41.068 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135703.D

Acq: 11 Oct 2023 10:01

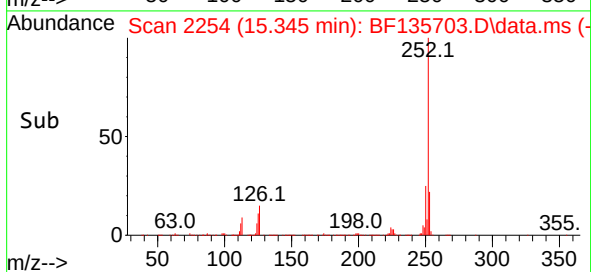
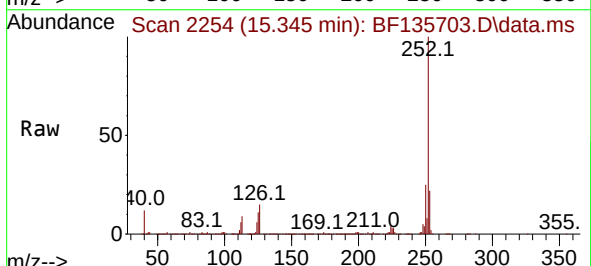
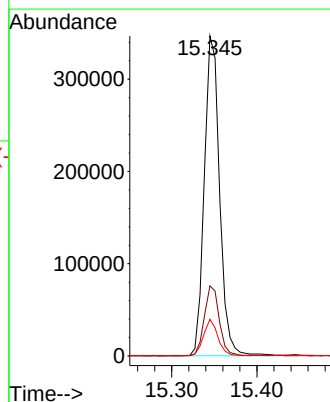
Tgt Ion:252 Resp: 431874

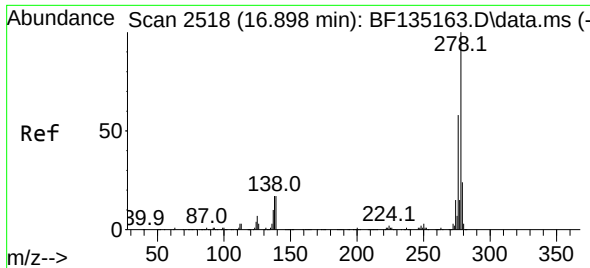
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.4 9.2 13.8





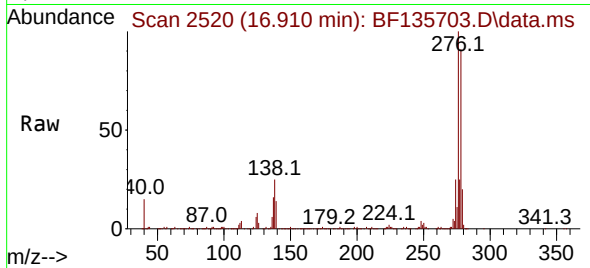
#91
Dibenzo(a,h)anthracene
Concen: 39.205 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

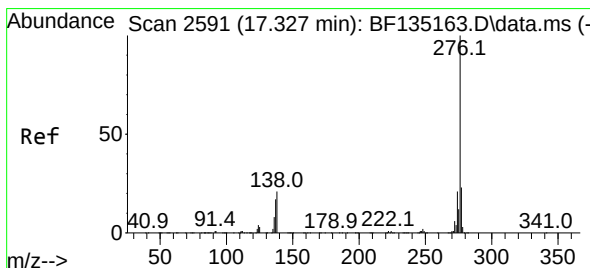
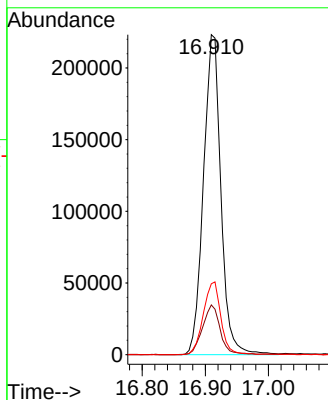
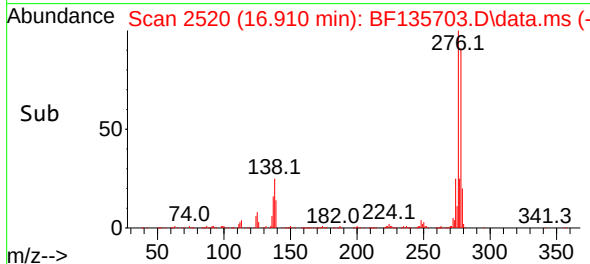


Tgt Ion:278 Resp: 42845
Ion Ratio Lower Upper
278 100
139 15.6 13.4 20.0
279 22.1 19.0 28.6

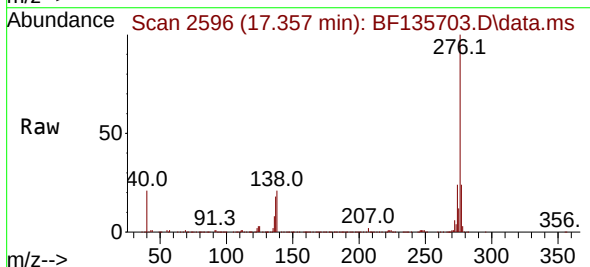
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#92
Benzo(g,h,i)perylene
Concen: 40.254 ng
RT: 17.357 min Scan# 2596
Delta R.T. 0.006 min
Lab File: BF135703.D
Acq: 11 Oct 2023 10:01



Tgt Ion:276 Resp: 459436
Ion Ratio Lower Upper
276 100
277 24.3 18.8 28.2
138 21.1 16.9 25.3

