

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135643.D
 Acq On : 09 Oct 2023 10:16
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 09 10:52:22 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 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	145275	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	538945	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	267189	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	500261	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	254627	20.000	ng	0.01
86) Perylene-d12	15.404	264	263296	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	684768	76.664	ng	0.00
7) Phenol-d6	6.398	99	829011	72.992	ng	0.01
23) Nitrobenzene-d5	7.310	82	790347	79.672	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	192663	72.560	ng	0.01
45) 2-Fluorobiphenyl	9.104	172	1303169	73.585	ng	0.00
79) Terphenyl-d14	12.874	244	1306945	79.568	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.428	88	159032	40.615	ng	96
3) Pyridine	3.175	79	427807	40.595	ng	97
4) n-Nitrosodimethylamine	3.151	42	226471	40.497	ng	96
6) Aniline	6.410	93	527836	35.440	ng	# 40
8) 2-Chlorophenol	6.534	128	362756	38.045	ng	98
9) Benzaldehyde	6.298	77	229839	35.523	ng	97
10) Phenol	6.410	94	441969	35.488	ng	# 66
11) bis(2-Chloroethyl)ether	6.486	93	358124	38.335	ng	99
12) 1,3-Dichlorobenzene	6.681	146	365678	37.736	ng	97
13) 1,4-Dichlorobenzene	6.757	146	366819	37.207	ng	98
14) 1,2-Dichlorobenzene	6.910	146	335384	36.632	ng	99
15) Benzyl Alcohol	6.892	79	273640	33.575	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.022	45	659381	37.446	ng	77
17) 2-Methylphenol	7.010	107	313964	37.313	ng	# 94
18) Hexachloroethane	7.245	117	138285	37.961	ng	94
19) n-Nitroso-di-n-propyla...	7.163	70	253131	35.982	ng	95
20) 3+4-Methylphenols	7.169	107	389144	38.461	ng	# 66
22) Acetophenone	7.157	105	480205	38.972	ng	93
24) Nitrobenzene	7.333	77	398529	40.646	ng	97
25) Isophorone	7.569	82	727490	39.938	ng	99
26) 2-Nitrophenol	7.645	139	196931	41.848	ng	96
27) 2,4-Dimethylphenol	7.686	122	320530	40.523	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	443773	40.703	ng	100
29) 2,4-Dichlorophenol	7.892	162	295864	40.367	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	297220	38.797	ng	99
31) Naphthalene	8.045	128	1028356	39.272	ng	99
32) Benzoic acid	7.839	122	213964	35.923	ng	99
33) 4-Chloroaniline	8.104	127	453707	39.491	ng	100
34) Hexachlorobutadiene	8.157	225	178326	38.604	ng	97
35) Caprolactam	8.480	113	104492	42.479	ng	96
36) 4-Chloro-3-methylphenol	8.598	107	324013	39.775	ng	97
37) 2-Methylnaphthalene	8.739	142	679287	38.592	ng	100
38) 1-Methylnaphthalene	8.833	142	629463	38.196	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	303703	39.235	ng	100
41) Hexachlorocyclopentadiene	8.886	237	153608	48.263	ng	100
43) 2,4,6-Trichlorophenol	9.027	196	198960	39.257	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	225783	38.684	ng	98
46) 1,1'-Biphenyl	9.204	154	807945	39.348	ng	98
47) 2-Chloronaphthalene	9.227	162	582221	39.081	ng	98
48) 2-Nitroaniline	9.339	65	238883	41.274	ng	98
49) Acenaphthylene	9.645	152	940959	38.004	ng	99
50) Dimethylphthalate	9.510	163	701700	38.844	ng	100
51) 2,6-Dinitrotoluene	9.580	165	153286	38.734	ng	99
52) Acenaphthene	9.816	154	576864	39.440	ng	97
53) 3-Nitroaniline	9.751	138	188236	40.522	ng	99
54) 2,4-Dinitrophenol	9.874	184	118688	54.952	ng	97
55) Dibenzofuran	9.986	168	830533	37.211	ng	96
56) 4-Nitrophenol	9.939	139	119790	40.575	ng	99
57) 2,4-Dinitrotoluene	9.992	165	185091	37.360	ng	84
58) Fluorene	10.333	166	669515	39.019	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	172789	38.486	ng	98
60) Diethylphthalate	10.210	149	711729	39.258	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	321383	38.991	ng	98
62) 4-Nitroaniline	10.374	138	181435m	40.633	ng	
63) Azobenzene	10.486	77	725319	40.879	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	108697	40.909	ng	89
66) n-Nitrosodiphenylamine	10.451	169	612743	40.458	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	197439	39.683	ng	94
68) Hexachlorobenzene	10.886	284	199452	39.349	ng	93
69) Atrazine	10.980	200	160062	39.278	ng	97
70) Pentachlorophenol	11.092	266	117208	38.648	ng	99
71) Phenanthrene	11.304	178	956029	40.407	ng	99
72) Anthracene	11.357	178	996300	40.966	ng	99
73) Carbazole	11.516	167	926366	41.843	ng	99
74) Di-n-butylphthalate	11.839	149	1121932	43.006	ng	100
75) Fluoranthene	12.498	202	1005378	40.780	ng	99
77) Benzidine	12.627	184	171635	32.902	ng	98
78) Pyrene	12.727	202	1003566	41.397	ng	100
80) Butylbenzylphthalate	13.351	149	391850	45.909	ng	97
81) Benzo(a)anthracene	13.927	228	664689	40.426	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	201900	39.313	ng	# 99
83) Chrysene	13.968	228	648337	39.661	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	446071	50.928	ng	99
85) Di-n-octyl phthalate	14.527	149	615276	44.203	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	738845	42.798	ng	98
88) Benzo(b)fluoranthene	14.980	252	507993m	35.641	ng	
89) Benzo(k)fluoranthene	15.009	252	533369	37.882	ng	99
90) Benzo(a)pyrene	15.345	252	525713	38.677	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	599075	42.412	ng	98
92) Benzo(g,h,i)perylene	17.356	276	643707	43.635	ng	99

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



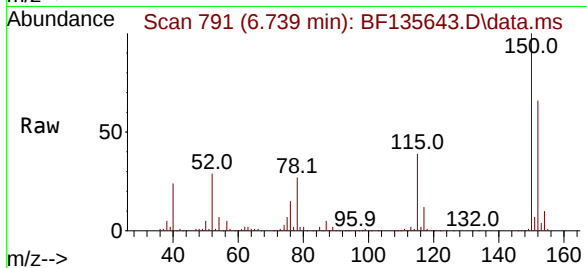
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135643.D
 Acq: 09 Oct 2023 10:16

Instrument :

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SSTDCCC040



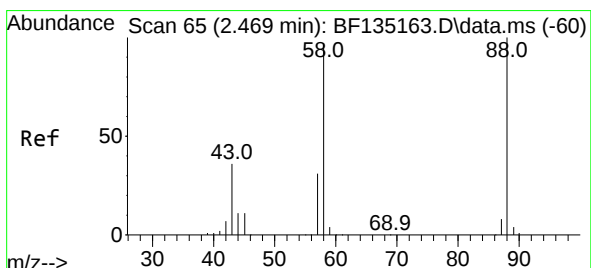
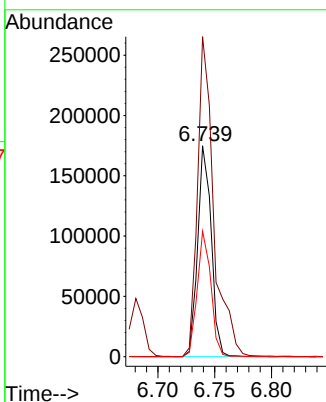
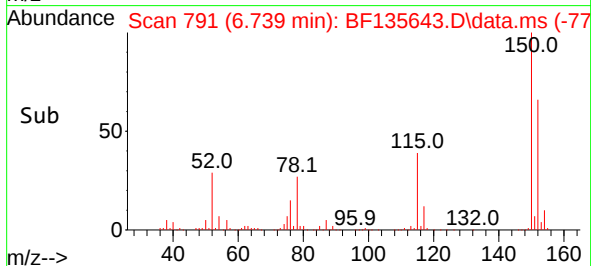
Tgt Ion:152 Resp: 145279
 Ion Ratio Lower Upper
 152 100
 150 151.7 127.8 191.6
 115 59.5 49.8 74.8

Manual Integrations

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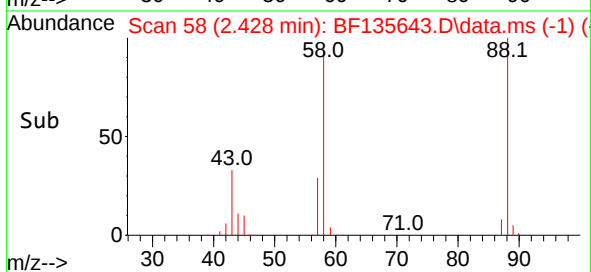
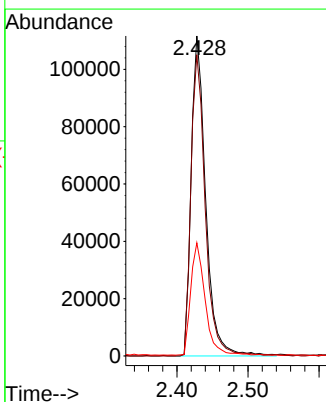
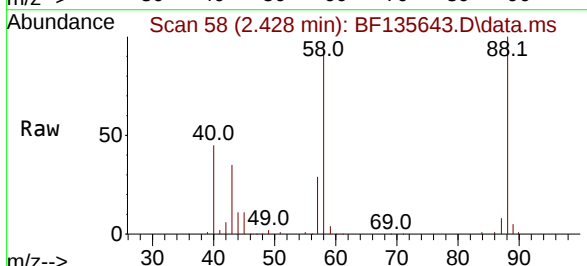
Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#2
 1,4-Dioxane
 Concen: 40.615 ng
 RT: 2.428 min Scan# 58
 Delta R.T. 0.006 min
 Lab File: BF135643.D
 Acq: 09 Oct 2023 10:16

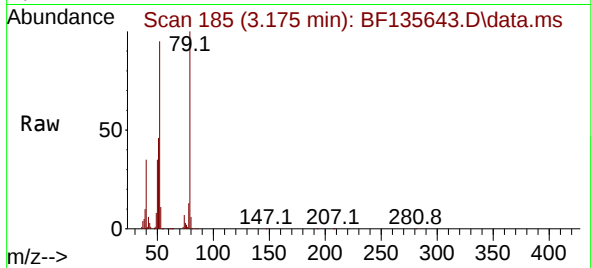
Tgt Ion: 88 Resp: 159032
 Ion Ratio Lower Upper
 88 100
 58 92.9 78.3 117.5
 43 35.1 29.4 44.0





#3
Pyridine
Concen: 40.595 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

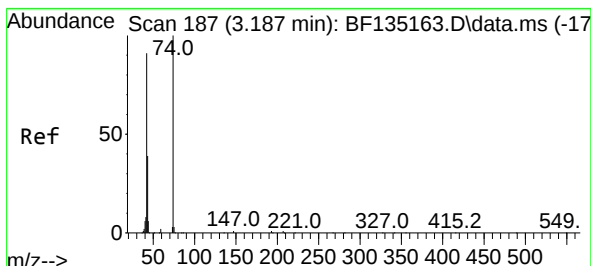
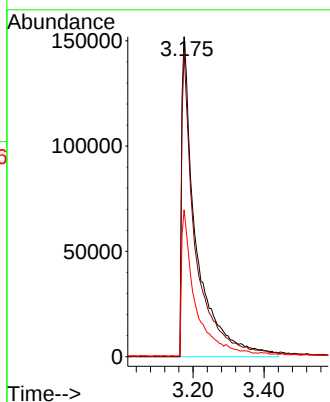
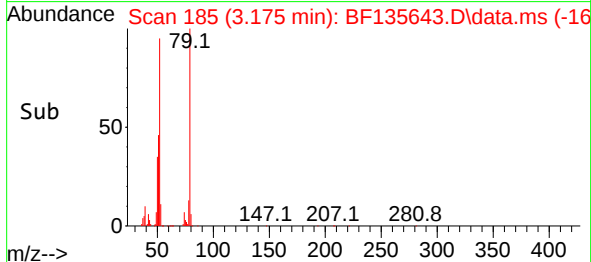
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BNA_F
ClientSampleId :
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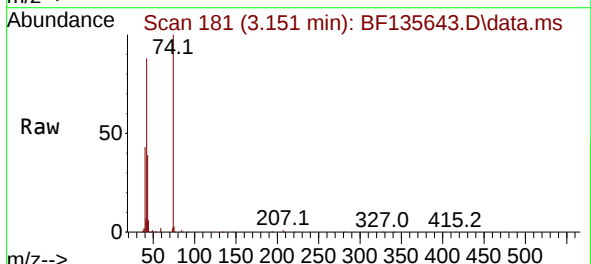
Tgt Ion: 79 Resp: 42780
Ion Ratio Lower Upper
79 100
52 95.4 74.1 111.1
51 45.9 35.8 53.8

Manual Integrations
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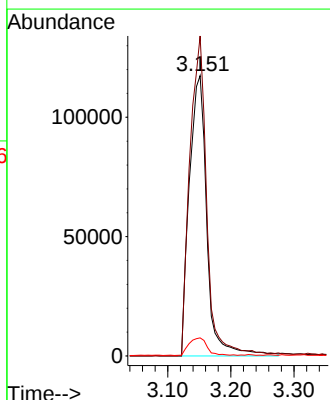
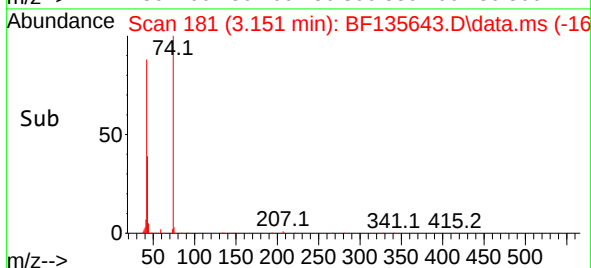
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

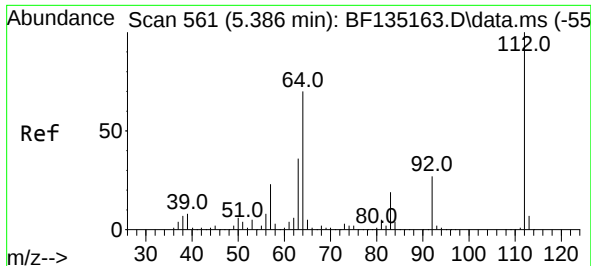


#4
n-Nitrosodimethylamine
Concen: 40.497 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.018 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion: 42 Resp: 226471
Ion Ratio Lower Upper
42 100
74 114.1 87.7 131.5
44 6.4 5.6 8.4





#5
2-Fluorophenol
Concen: 76.664 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

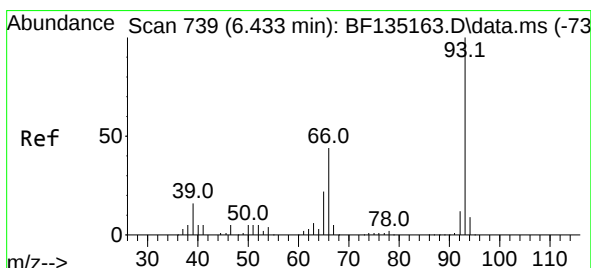
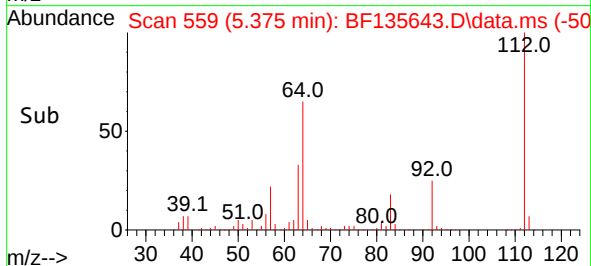
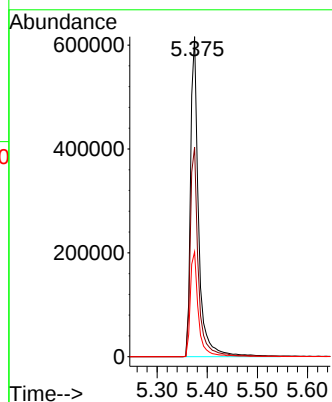
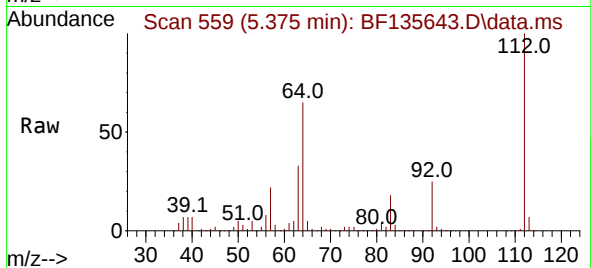
SSTDCCC040

Tgt Ion:112 Resp: 684768
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 32.8 29.0 43.6

Manual Integrations

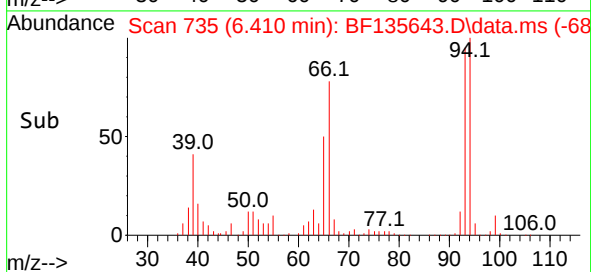
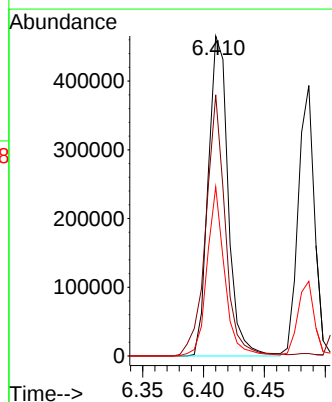
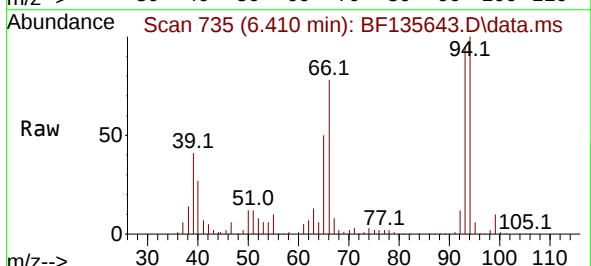
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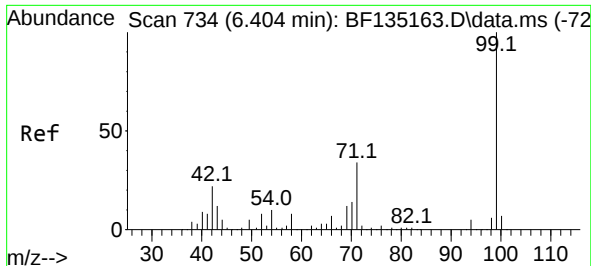
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#6
Aniline
Concen: 35.440 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion: 93 Resp: 527836
Ion Ratio Lower Upper
93 100
66 81.6 35.4 53.0#
65 52.8 17.8 26.8#





#7

Phenol-d6

Concen: 72.992 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

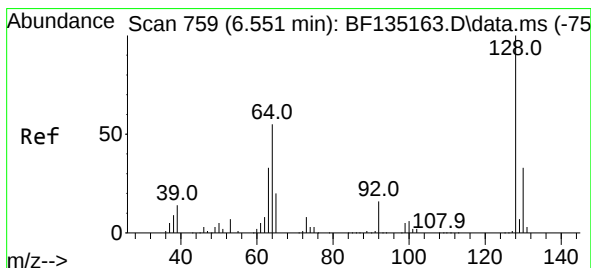
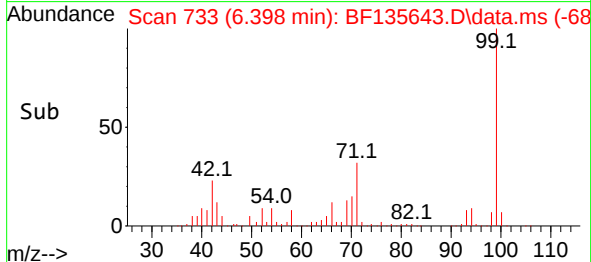
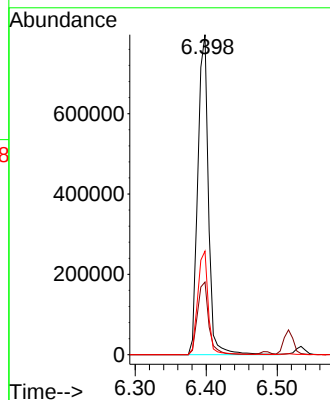
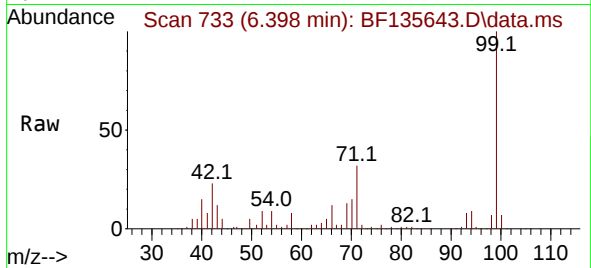
SSTDCCC040

Tgt Ion: 99 Resp: 82901
 Ion Ratio Lower Upper
 99 100
 42 22.7 17.9 26.9
 71 32.3 27.0 40.6

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#8

2-Chlorophenol

Concen: 38.045 ng

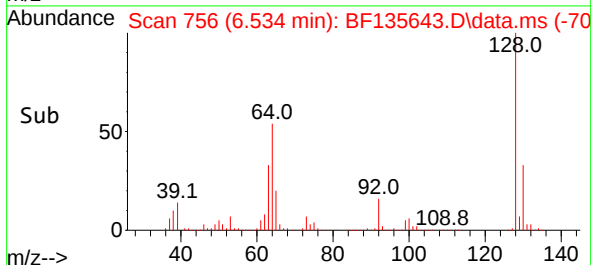
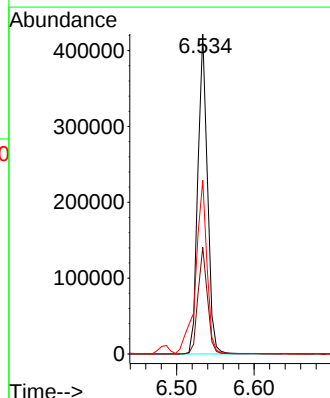
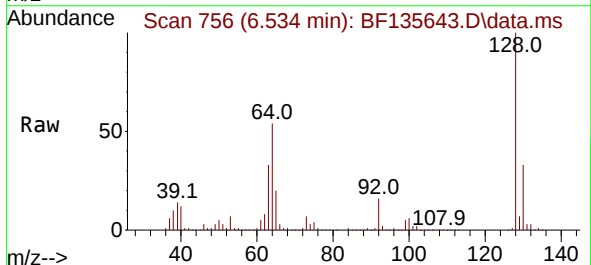
RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Tgt Ion:128 Resp: 362756
 Ion Ratio Lower Upper
 128 100
 130 33.3 12.7 52.7
 64 54.3 35.9 75.9





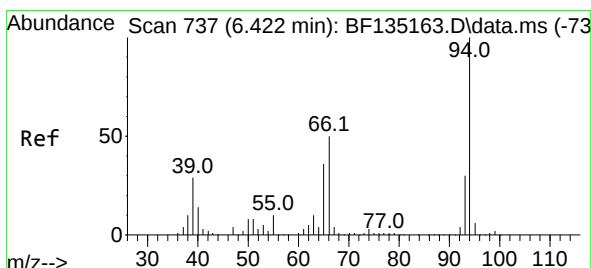
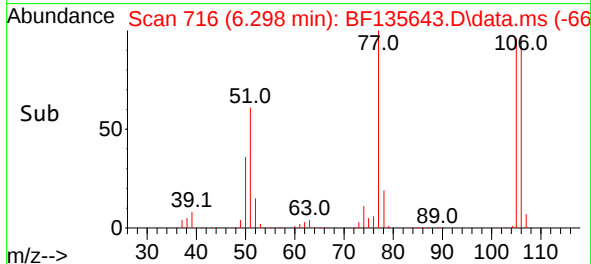
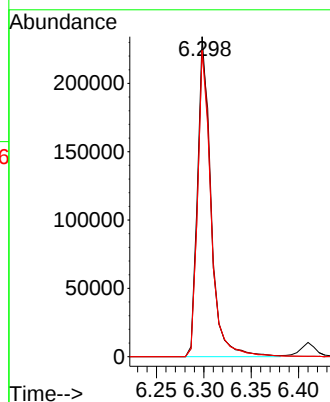
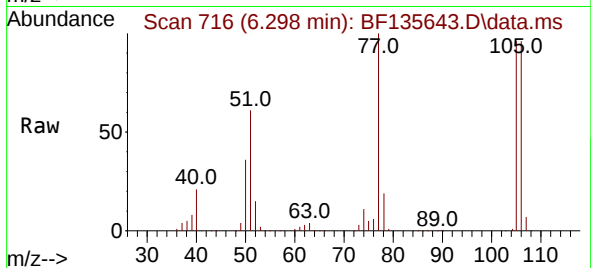
#9
Benzaldehyde
Concen: 35.523 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 229839
Ion Ratio Lower Upper
77 100
105 95.8 81.4 121.4
106 95.7 76.9 116.9

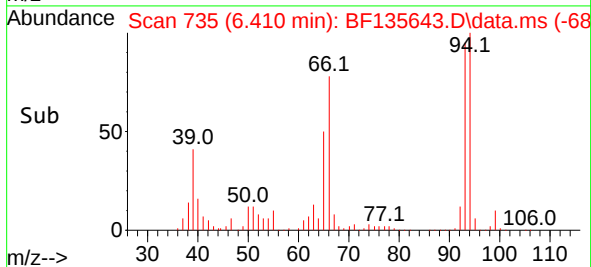
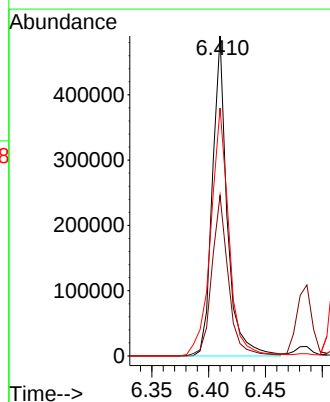
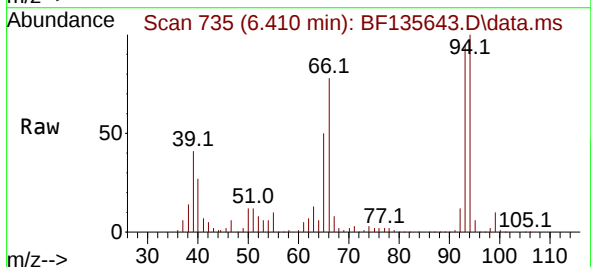
Manual Integrations
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#10
Phenol
Concen: 35.488 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion: 94 Resp: 441969
Ion Ratio Lower Upper
94 100
65 50.2 15.9 55.9
66 77.5 29.8 69.8#





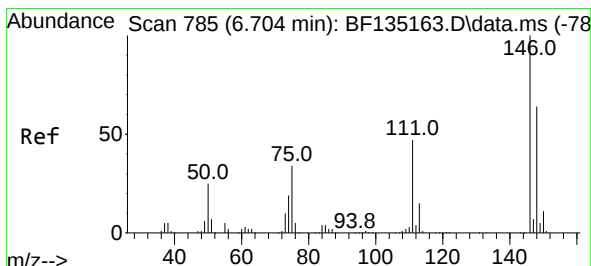
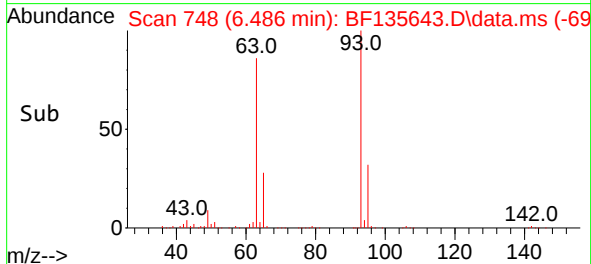
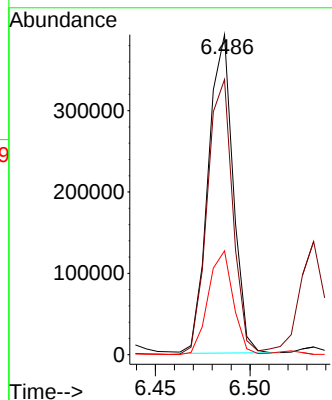
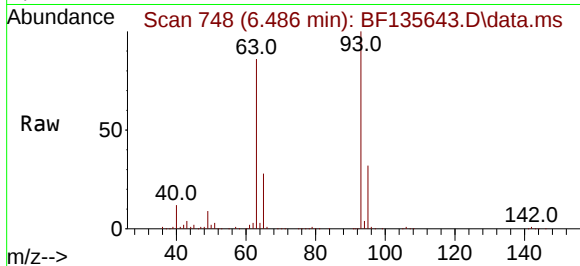
#11
bis(2-Chloroethyl)ether
Concen: 38.335 ng
RT: 6.486 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 358124
Ion Ratio Lower Upper
93 100
63 86.0 67.3 107.3
95 32.4 12.7 52.7

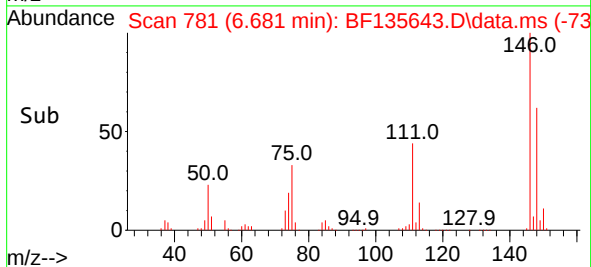
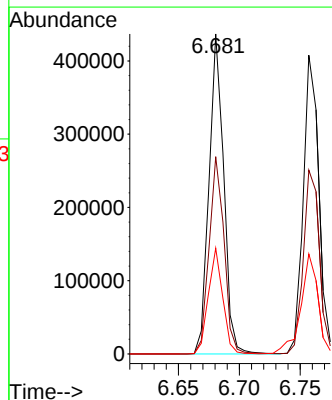
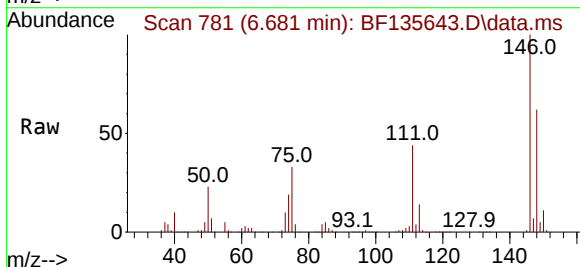
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#12
1,3-Dichlorobenzene
Concen: 37.736 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:146 Resp: 365678
Ion Ratio Lower Upper
146 100
148 61.6 51.3 76.9
75 33.1 27.4 41.2





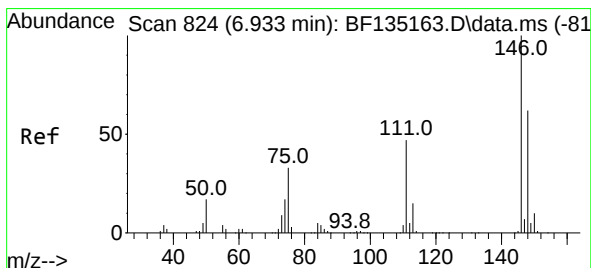
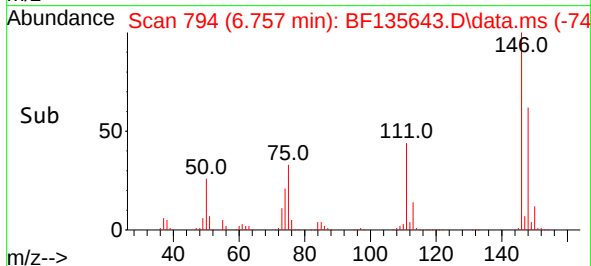
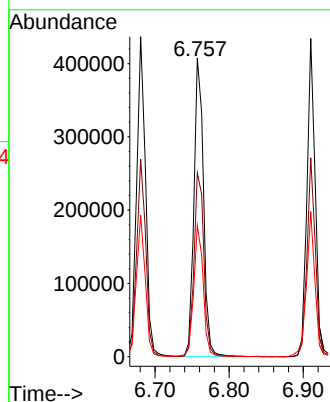
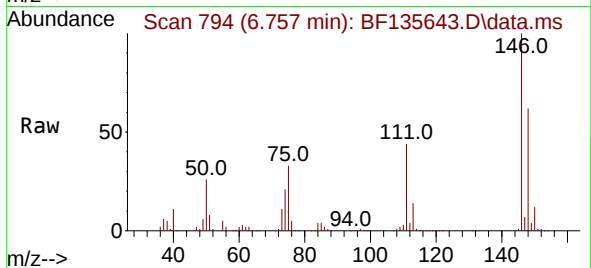
#13
1,4-Dichlorobenzene
Concen: 37.207 ng
RT: 6.757 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 366819
Ion Ratio Lower Upper
146 100
148 61.6 51.3 76.9
111 43.9 35.1 52.7

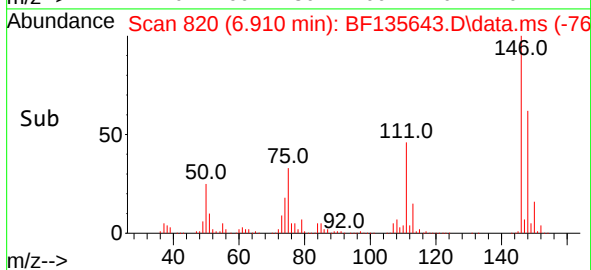
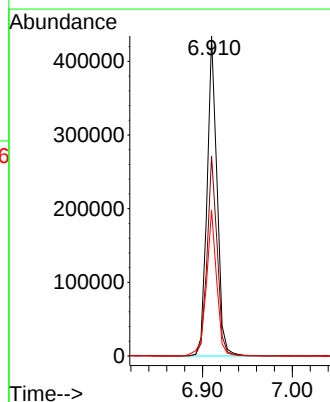
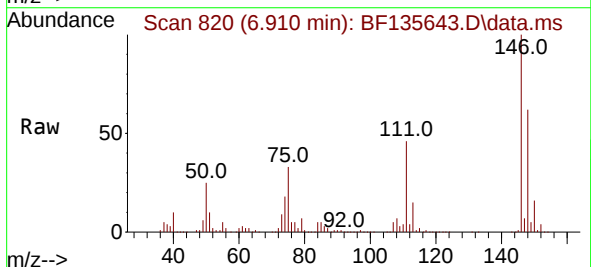
Manual Integrations
APPROVED

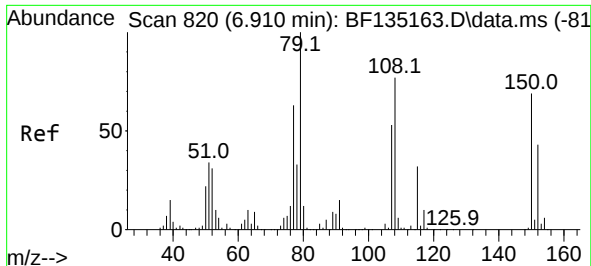
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#14
1,2-Dichlorobenzene
Concen: 36.632 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:146 Resp: 335384
Ion Ratio Lower Upper
146 100
148 62.5 49.7 74.5
111 45.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 33.575 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

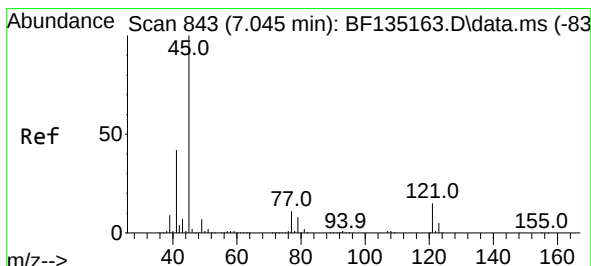
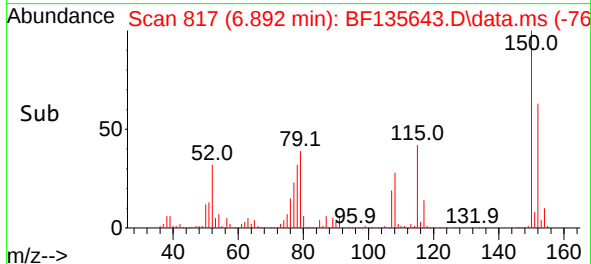
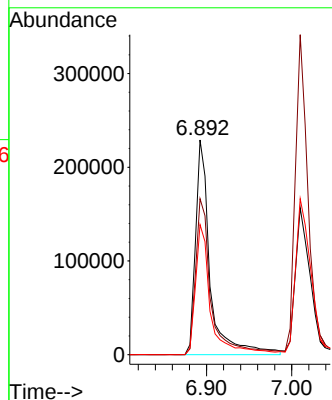
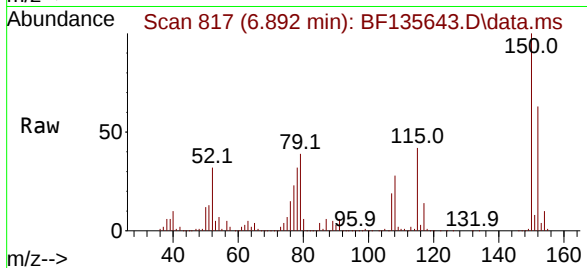
SSTDCCC040

Tgt Ion: 79 Resp: 273640
Ion Ratio Lower Upper
79 100
108 72.7 61.2 91.8
77 60.6 50.5 75.7

Manual Integrations

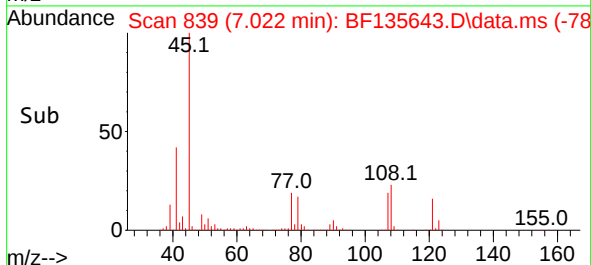
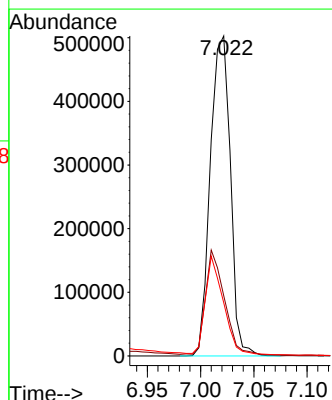
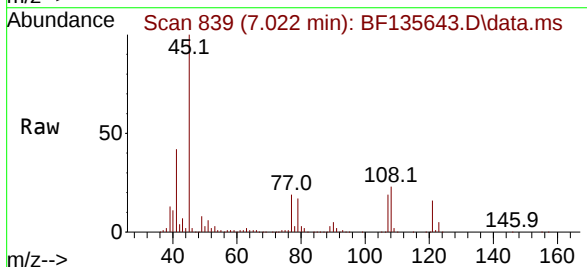
APPROVED

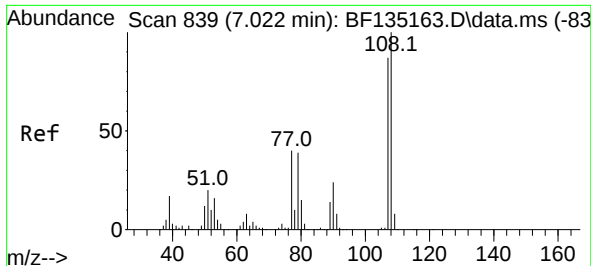
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.446 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

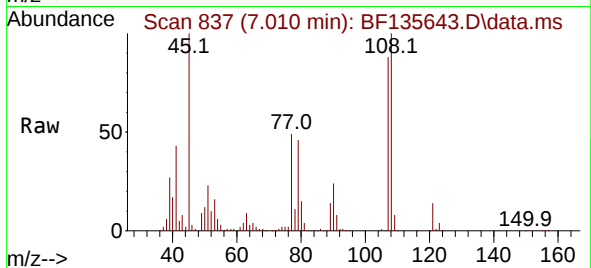
Tgt Ion: 45 Resp: 659381
Ion Ratio Lower Upper
45 100
77 18.8 0.0 30.6
79 16.7 0.0 28.3





#17
2-Methylphenol
Concen: 37.313 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

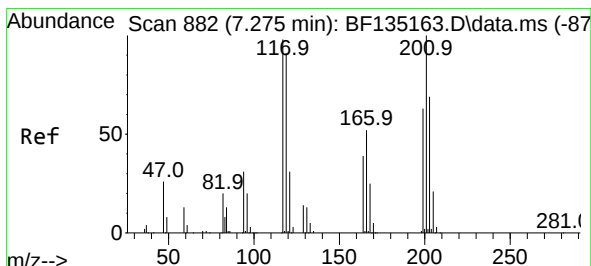
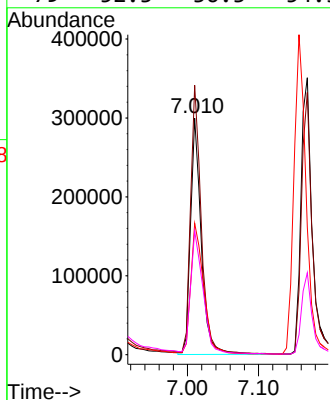
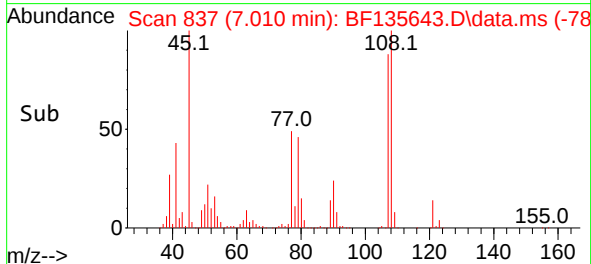
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 313964
Ion Ratio Lower Upper
107 100
108 113.9 92.0 138.0
77 55.6 36.7 55.1
79 52.3 36.3 54.5

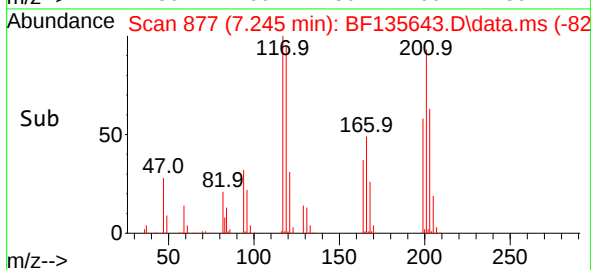
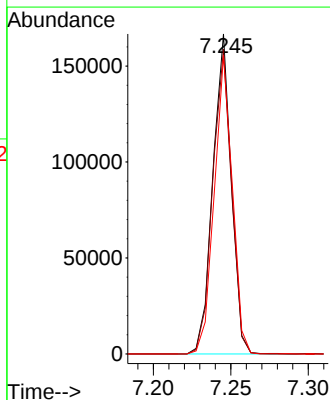
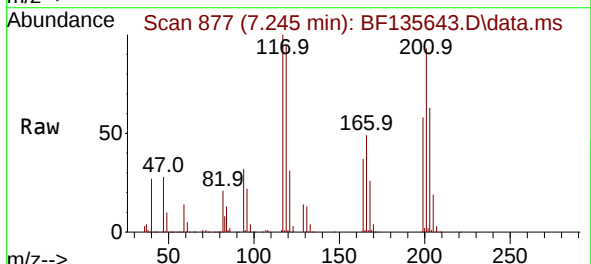
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#18
Hexachloroethane
Concen: 37.961 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

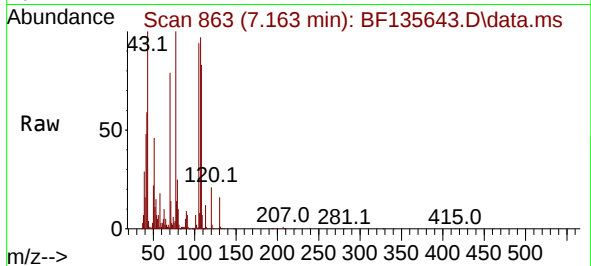
Tgt Ion:117 Resp: 138285
Ion Ratio Lower Upper
117 100
119 95.2 74.7 112.1
201 93.3 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 35.982 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

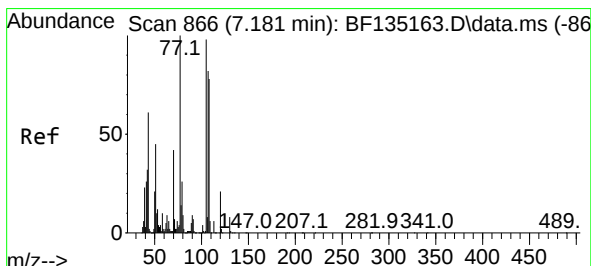
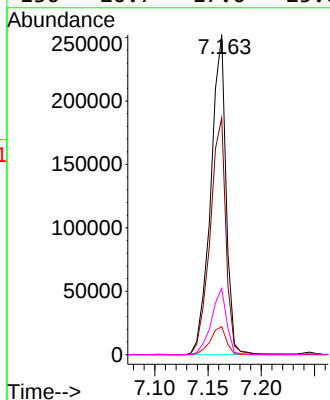
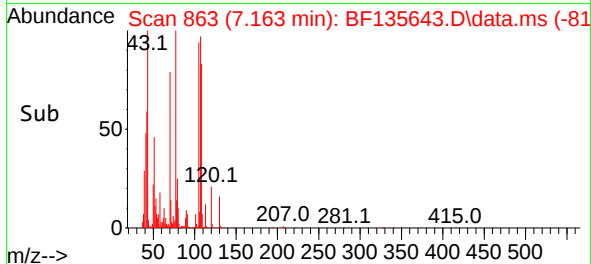
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 25313
Ion Ratio Lower Upper
70 100
42 74.0 55.4 83.0
101 8.8 7.7 11.5
130 20.7 17.0 25.6

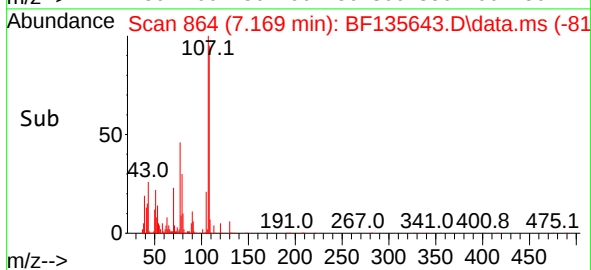
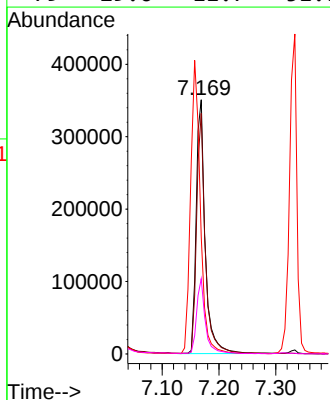
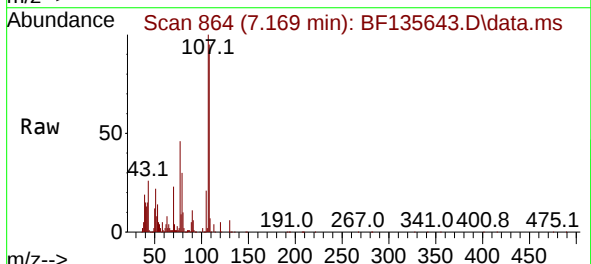
Manual Integrations
APPROVED

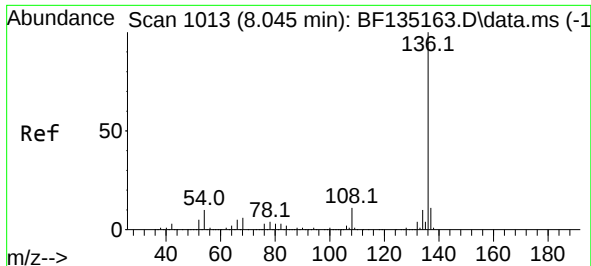
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#20
3+4-Methylphenols
Concen: 38.461 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:107 Resp: 389144
Ion Ratio Lower Upper
107 100
108 94.7 74.7 114.7
77 46.1 102.0 142.0#
79 29.6 11.7 51.7





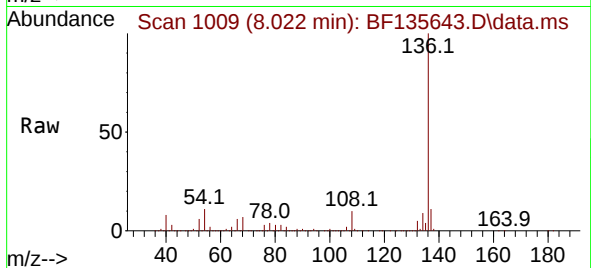
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

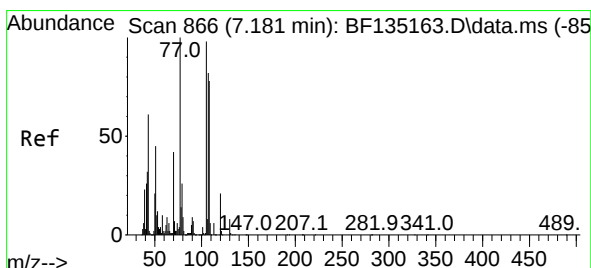
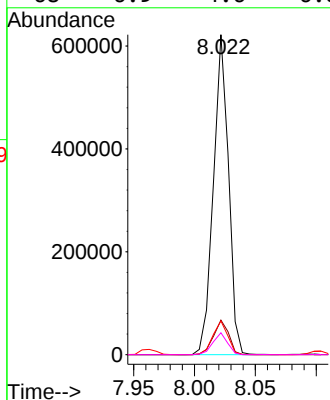
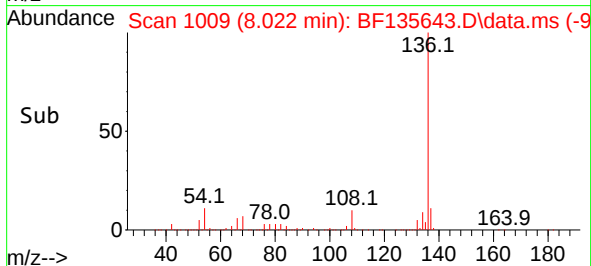


Tgt Ion:136 Resp: 538945
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.6 7.7 11.5
68 6.9 4.6 6.8#

Manual Integrations

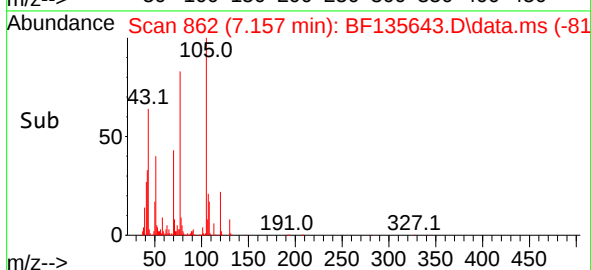
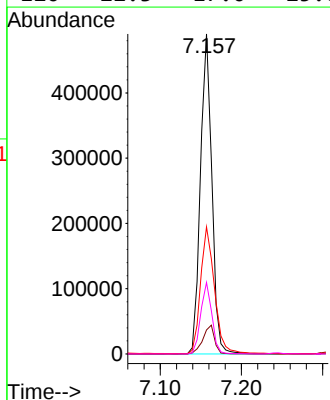
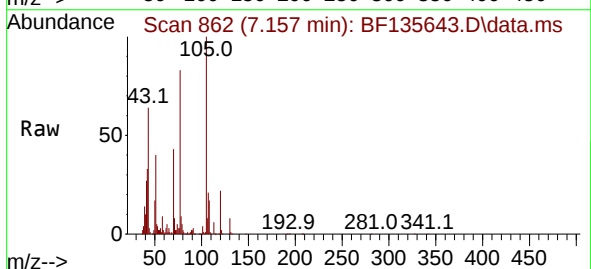
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#22
Acetophenone
Concen: 38.972 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:105 Resp: 480205
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.6
51 39.7 37.0 55.4
120 22.3 17.0 25.6





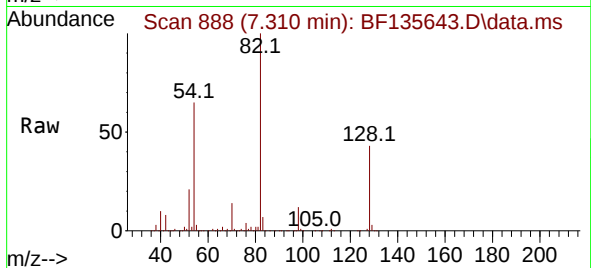
#23
Nitrobenzene-d5
Concen: 79.672 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

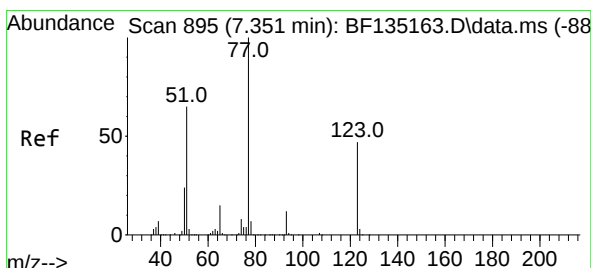
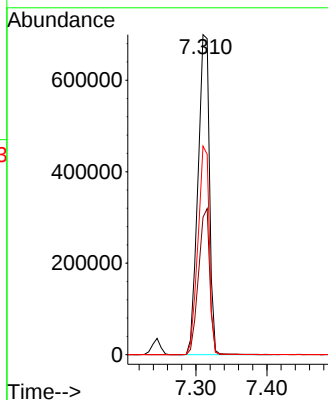
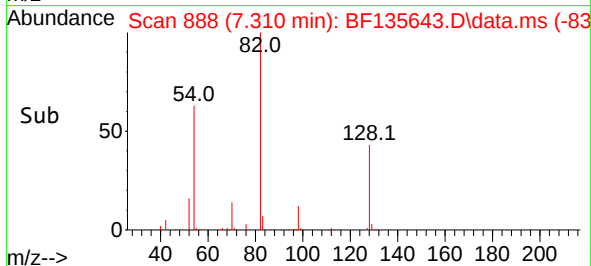
SSTDCCC040



Tgt Ion: 82 Resp: 79034
Ion Ratio Lower Upper
82 100
128 42.9 35.8 53.6
54 65.2 50.6 76.0

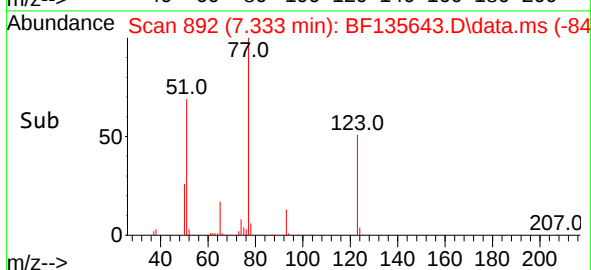
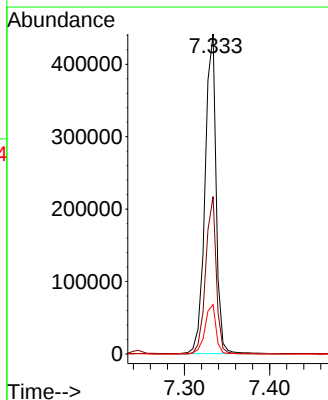
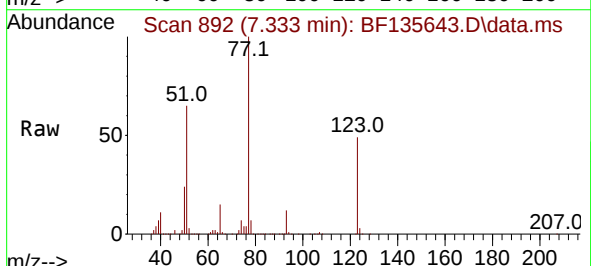
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#24
Nitrobenzene
Concen: 40.646 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion: 77 Resp: 398529
Ion Ratio Lower Upper
77 100
123 49.2 37.6 56.4
65 15.5 12.2 18.4





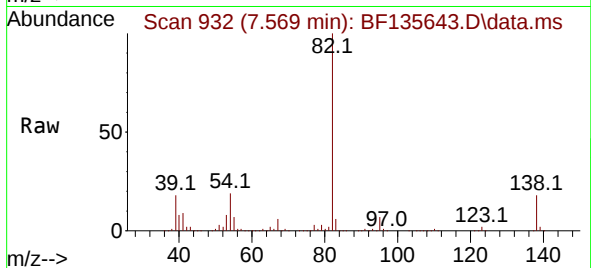
#25
Isophorone
Concen: 39.938 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

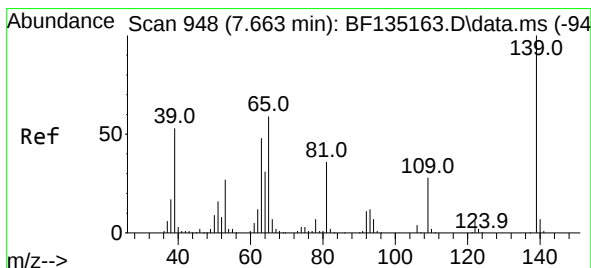
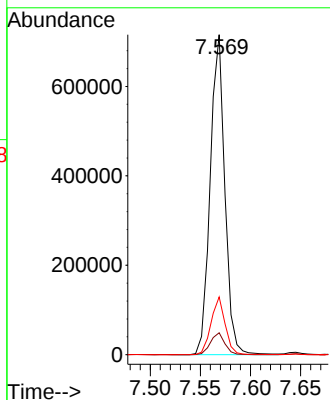
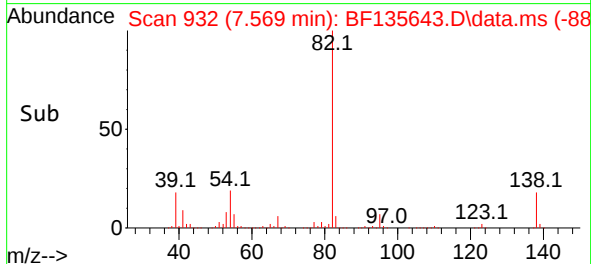


Tgt Ion: 82 Resp: 727490
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.1 14.5 21.7

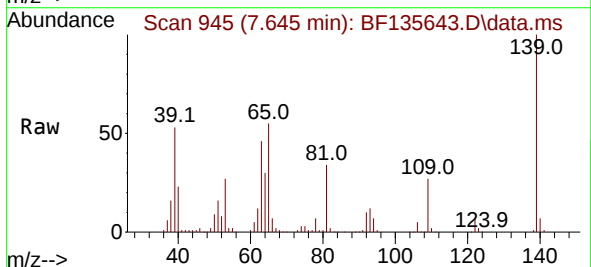
Manual Integrations

APPROVED

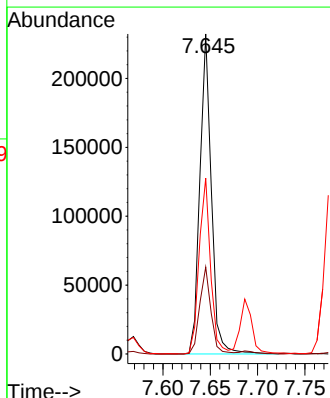
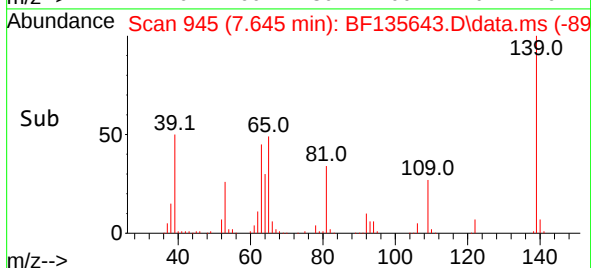
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#26
2-Nitrophenol
Concen: 41.848 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:139 Resp: 196931
Ion Ratio Lower Upper
139 100
109 27.2 22.6 33.8
65 54.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.523 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135643.D

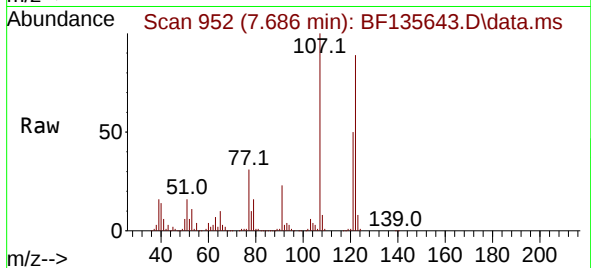
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



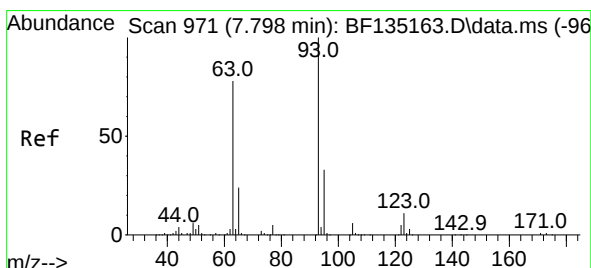
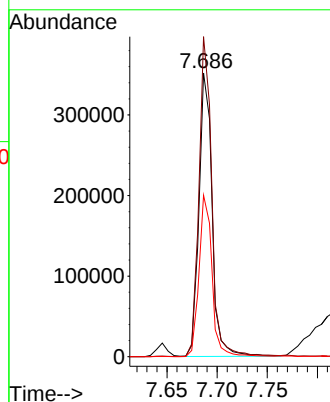
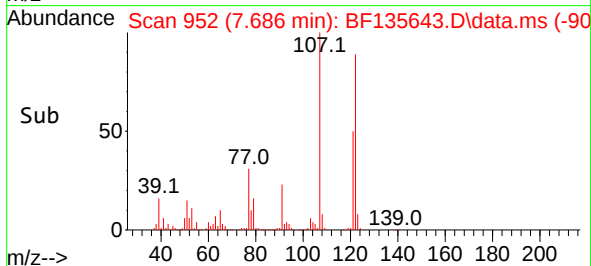
Tgt Ion:	122	Resp:	320530
Ion Ratio	Lower	Upper	
122	100		
107	112.8	90.2	135.4
121	56.9	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.703 ng

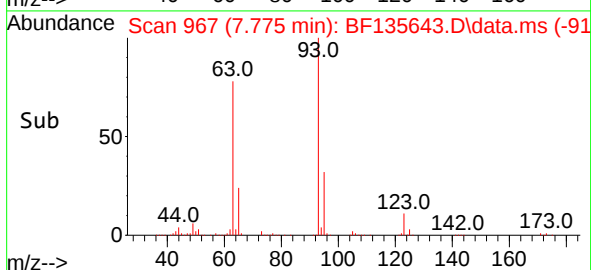
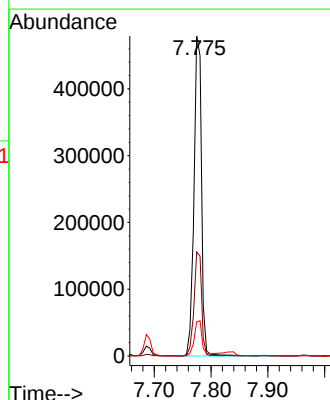
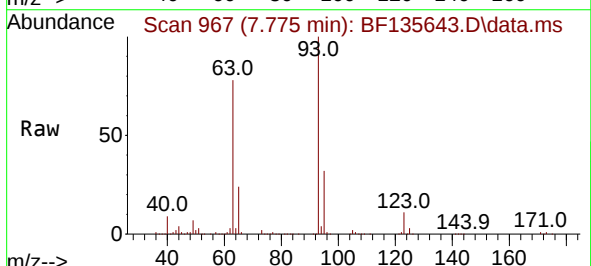
RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Tgt Ion:	93	Resp:	443773
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.2
123	10.7	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 40.367 ng

RT: 7.892 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

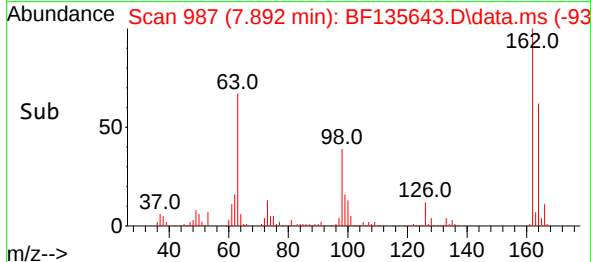
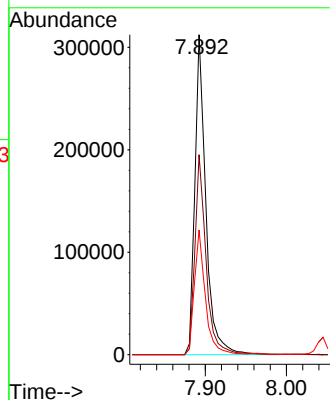
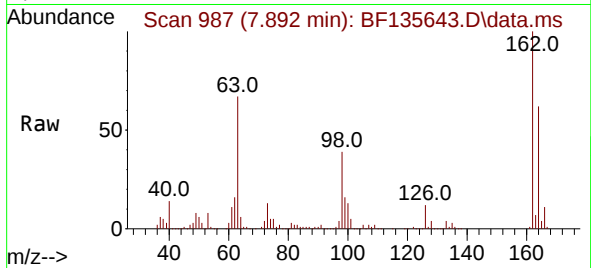
Tgt Ion:162 Resp: 295864
 Ion Ratio Lower Upper
 162 100
 164 62.5 44.1 84.1
 98 38.9 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.797 ng

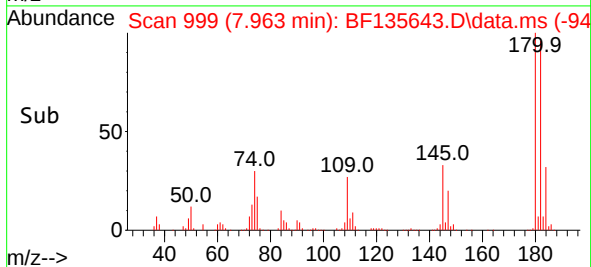
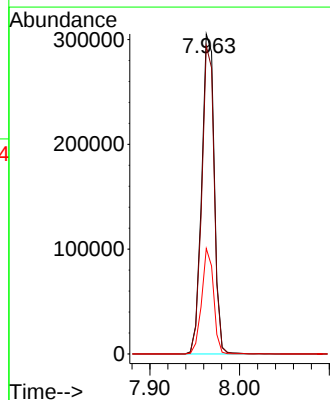
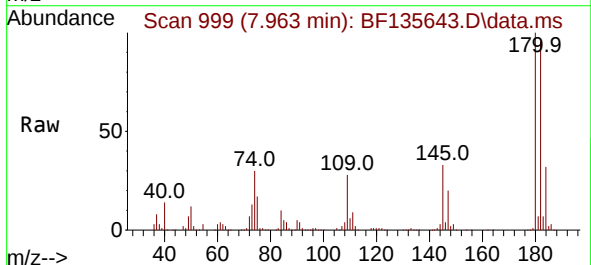
RT: 7.963 min Scan# 999

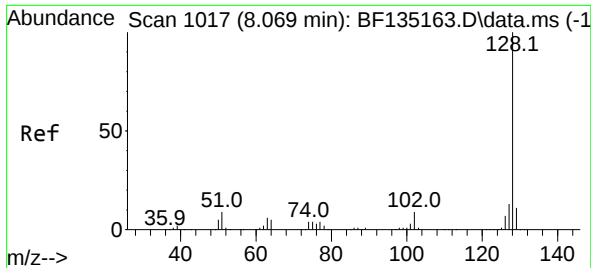
Delta R.T. -0.000 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

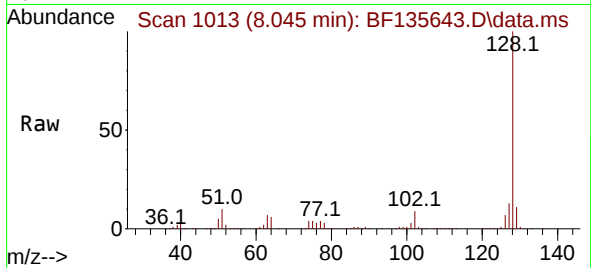
Tgt Ion:180 Resp: 297220
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.9 115.3
 145 33.0 24.5 36.7





#31
Naphthalene
Concen: 39.272 ng
RT: 8.045 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

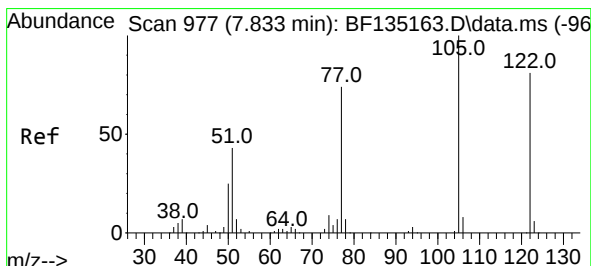
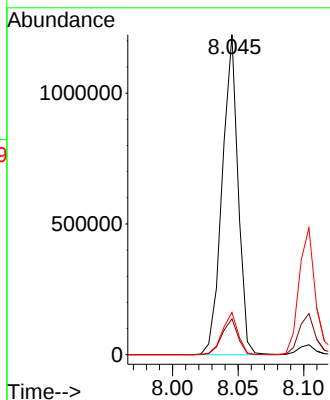
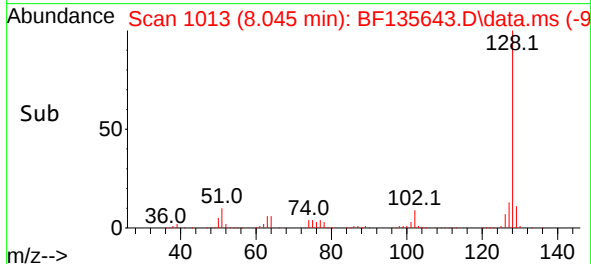
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1028350
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.7 16.1

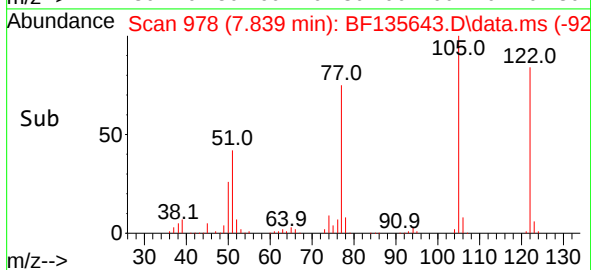
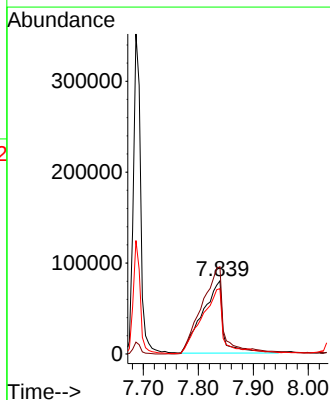
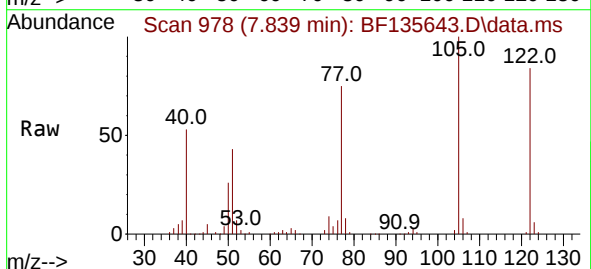
Manual Integrations
APPROVED

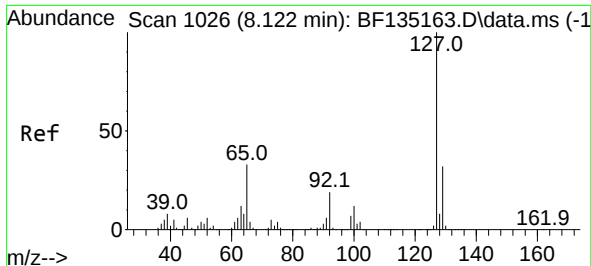
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#32
Benzoic acid
Concen: 35.923 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.018 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:122 Resp: 213964
Ion Ratio Lower Upper
122 100
105 119.2 99.9 139.9
77 89.3 70.0 110.0





#33
4-Chloroaniline
Concen: 39.491 ng
RT: 8.104 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

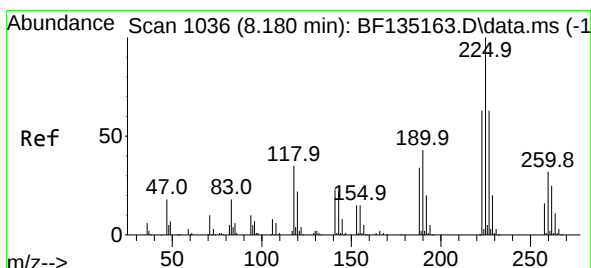
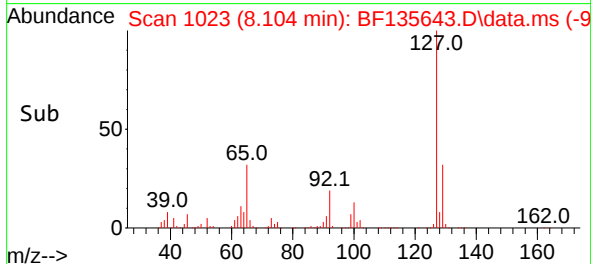
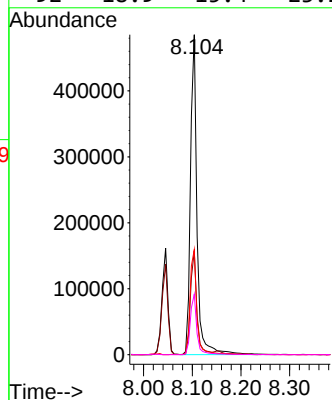
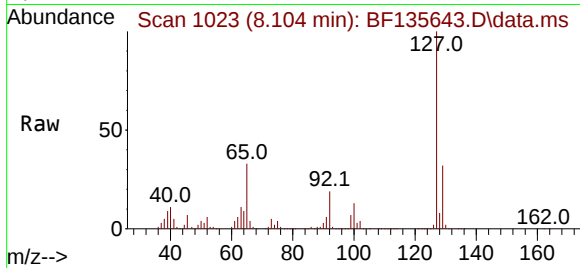
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 45370
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 32.9 26.6 39.8
92 18.9 15.4 23.2

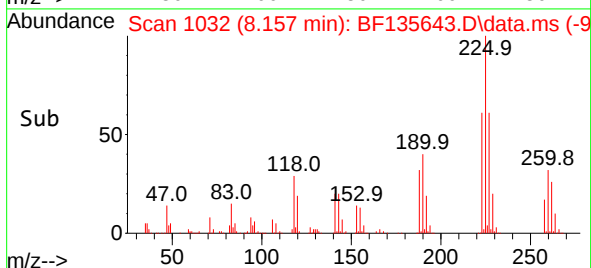
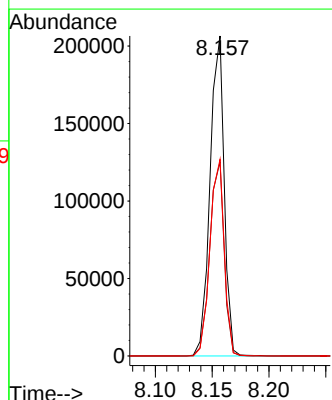
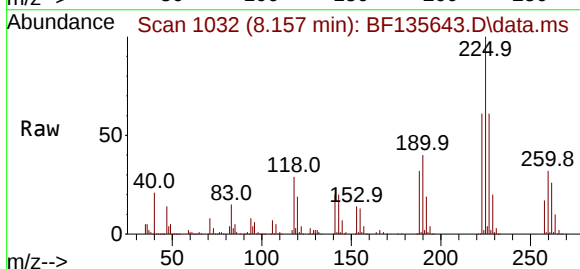
Manual Integrations
APPROVED

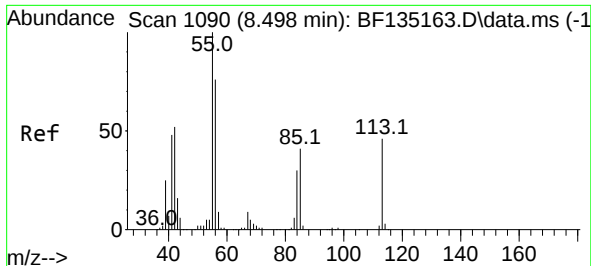
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#34
Hexachlorobutadiene
Concen: 38.604 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:225 Resp: 178326
Ion Ratio Lower Upper
225 100
223 60.7 50.6 75.8
227 61.4 50.8 76.2





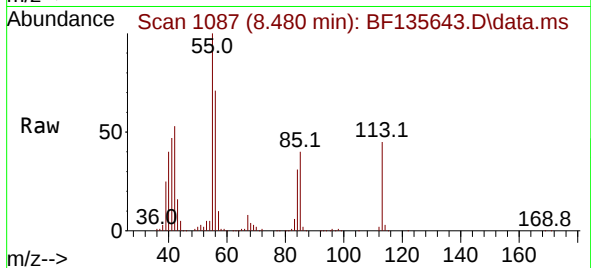
#35
 Caprolactam
 Concen: 42.479 ng
 RT: 8.480 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135643.D
 Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



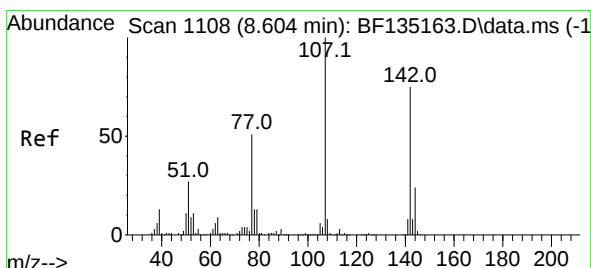
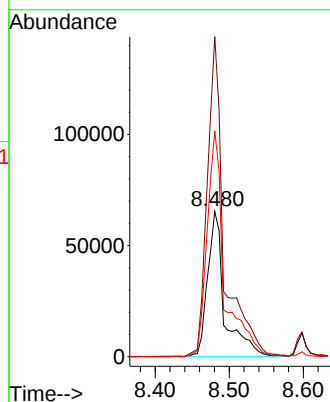
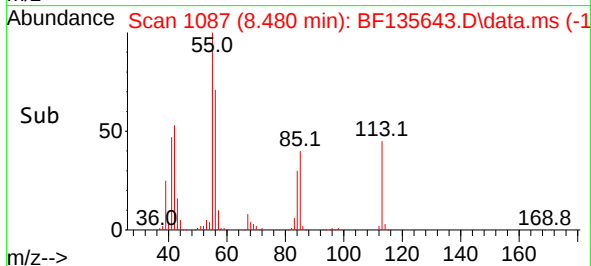
Tgt Ion:113 Resp: 104492
 Ion Ratio Lower Upper
 113 100
 55 220.2 199.3 239.3
 56 155.3 146.3 186.3

Manual Integrations

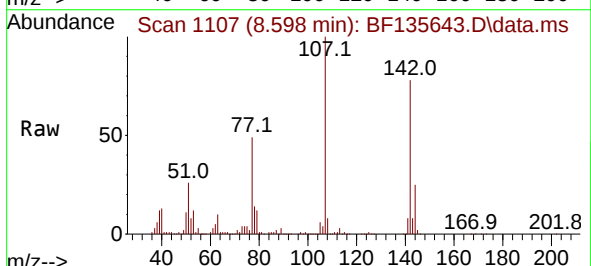
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

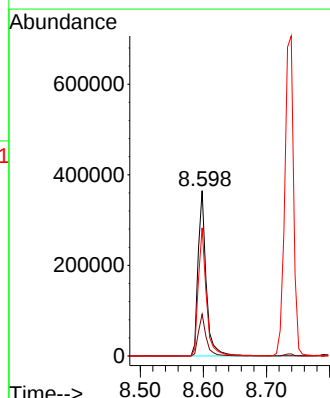
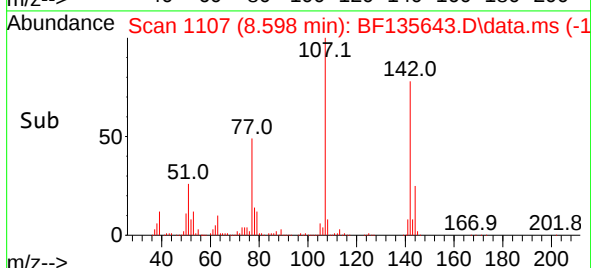
Supervised By :mohammad ahmed 10/11/2023

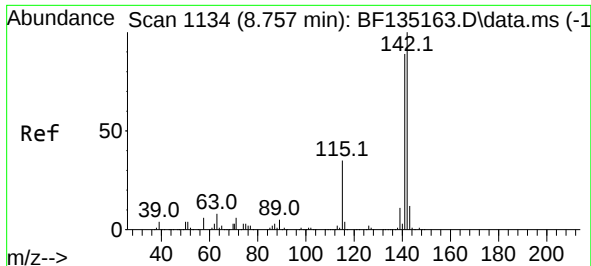


#36
 4-Chloro-3-methylphenol
 Concen: 39.775 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF135643.D
 Acq: 09 Oct 2023 10:16



Tgt Ion:107 Resp: 324013
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 77.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.592 ng

RT: 8.739 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 67928

Ion Ratio Lower Upper

142 100

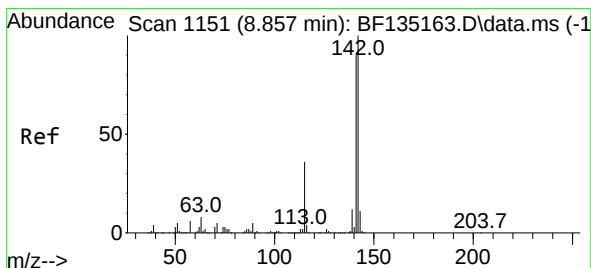
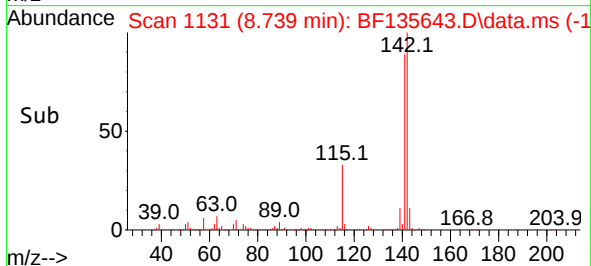
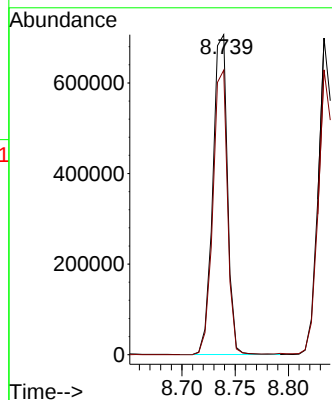
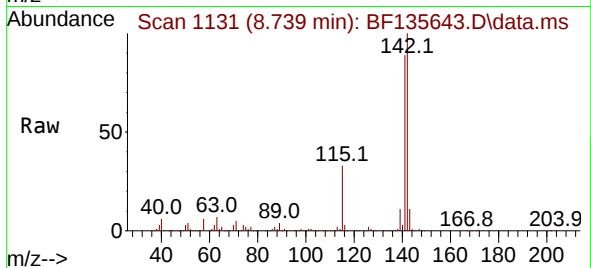
141 88.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#38

1-Methylnaphthalene

Concen: 38.196 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135643.D

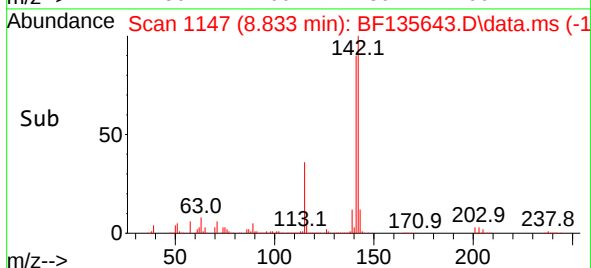
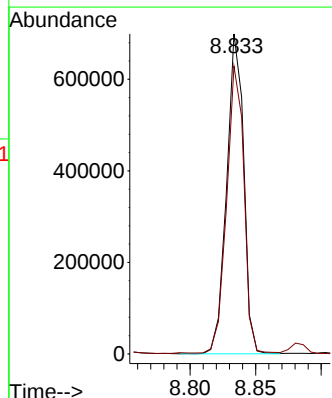
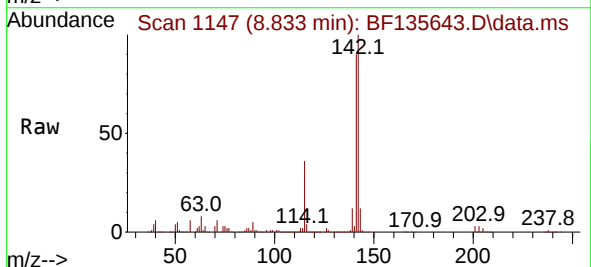
Acq: 09 Oct 2023 10:16

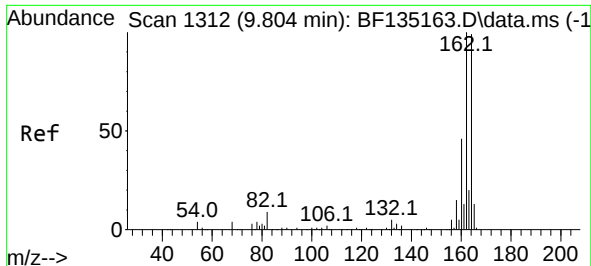
Tgt Ion:142 Resp: 629463

Ion Ratio Lower Upper

142 100

141 89.9 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

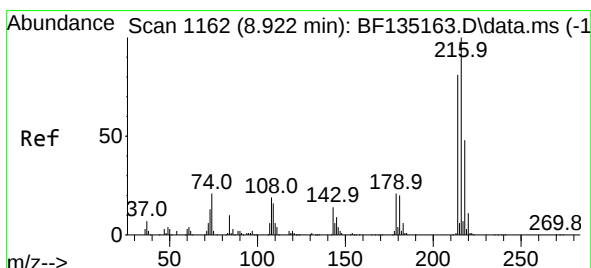
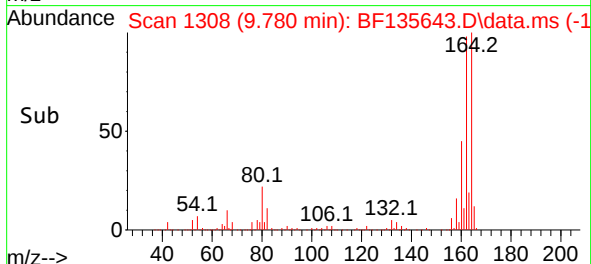
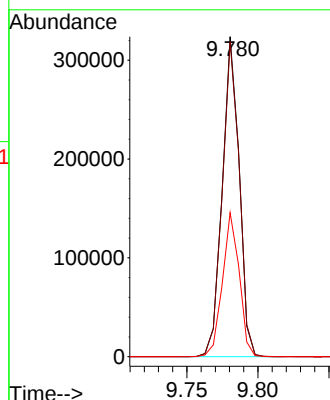
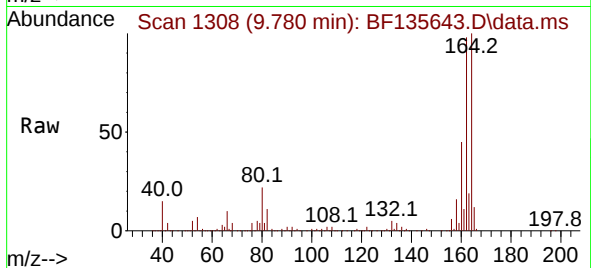
Tgt Ion:164 Resp: 267189
 Ion Ratio Lower Upper
 164 100
 162 98.4 81.0 121.4
 160 45.0 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.235 ng

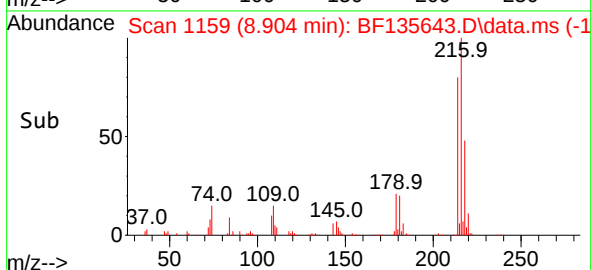
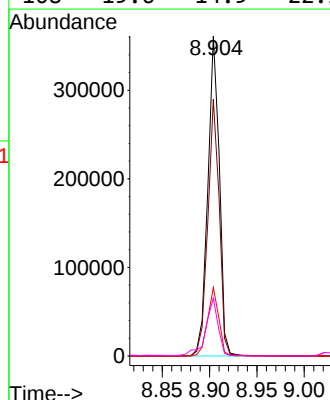
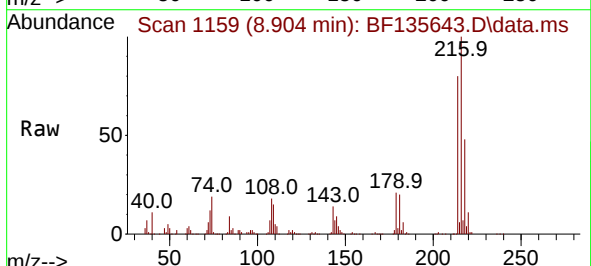
RT: 8.904 min Scan# 1159

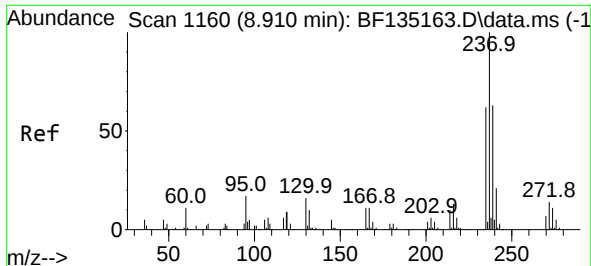
Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

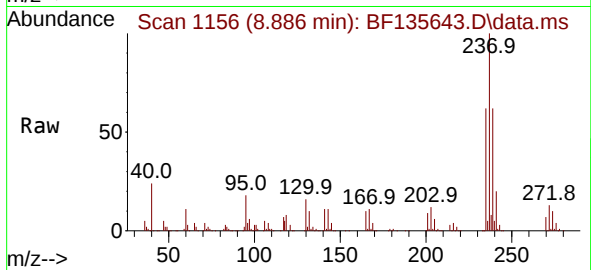
Tgt Ion:216 Resp: 303703
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.7 95.5
 179 20.8 16.7 25.1
 108 19.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 48.263 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

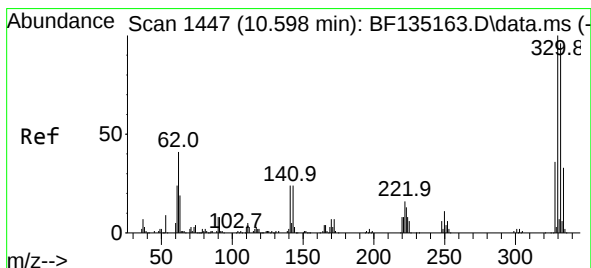
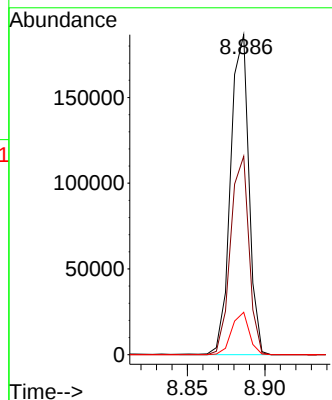
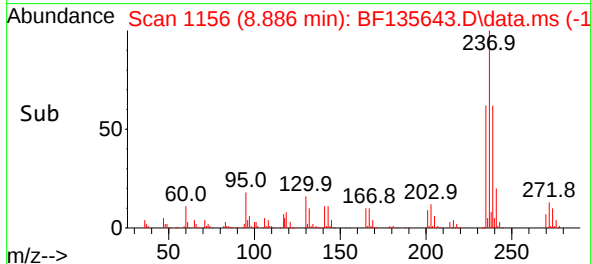
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



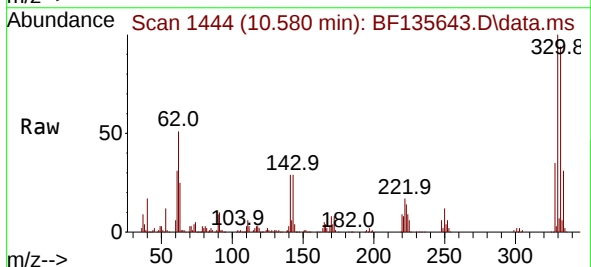
Tgt Ion:237 Resp: 153608
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 13.3 0.0 33.6

Manual Integrations
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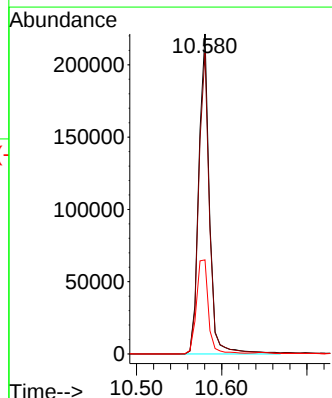
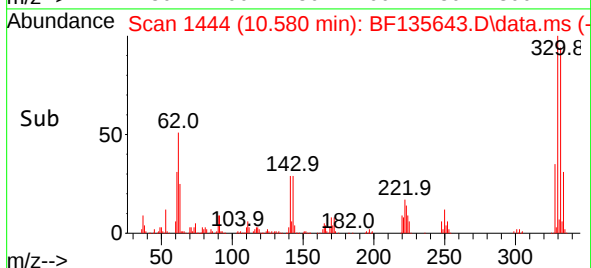
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

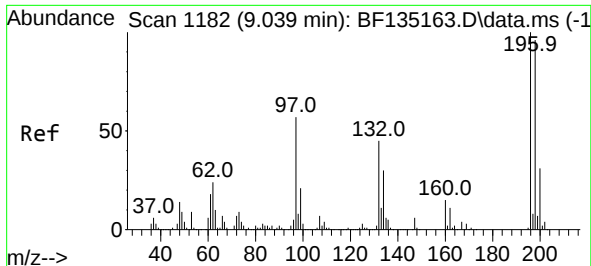


#42
2,4,6-Tribromophenol
Concen: 72.560 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:330 Resp: 192663
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 33.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 39.257 ng

RT: 9.027 min Scan# 1180

Delta R.T. 0.012 min

Lab File: BF135643.D

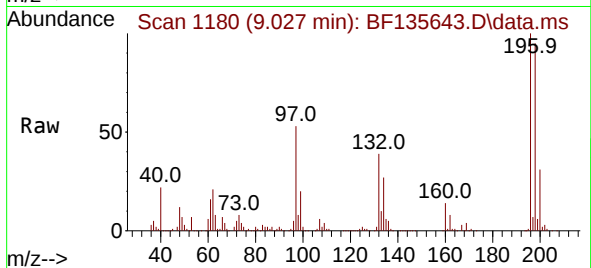
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 198960

Ion Ratio Lower Upper

196 100

198 95.3 77.0 115.6

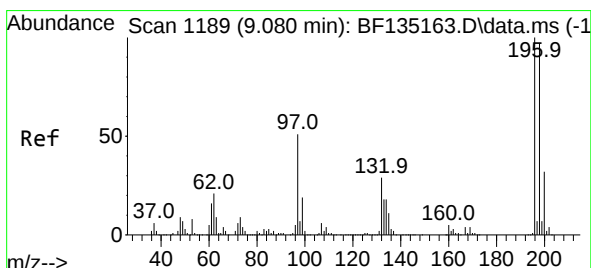
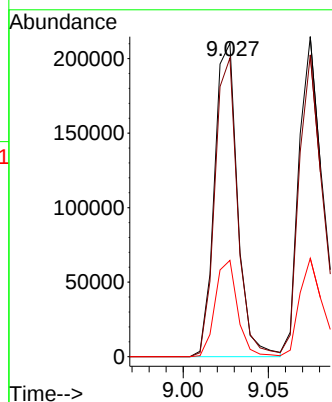
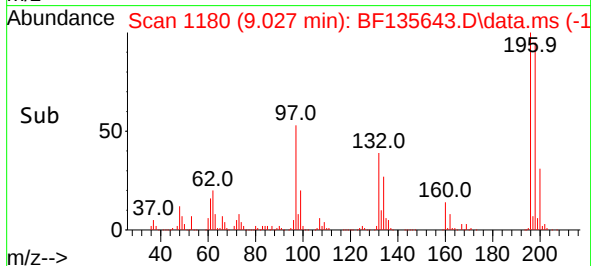
200 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#44

2,4,5-Trichlorophenol

Concen: 38.684 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Tgt Ion:196 Resp: 225783

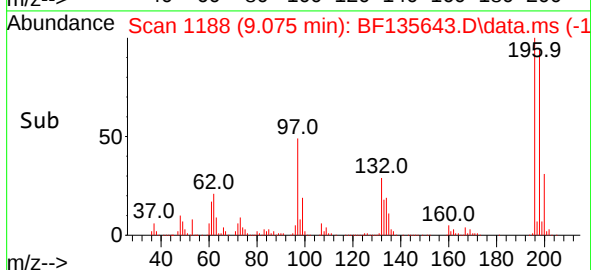
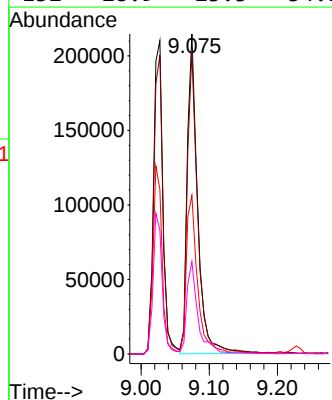
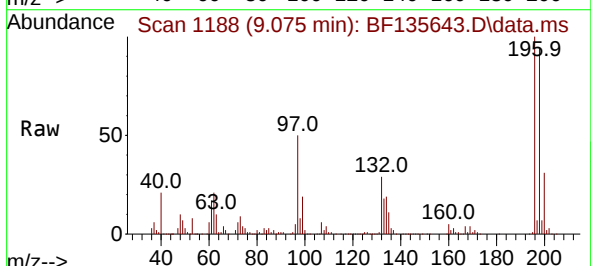
Ion Ratio Lower Upper

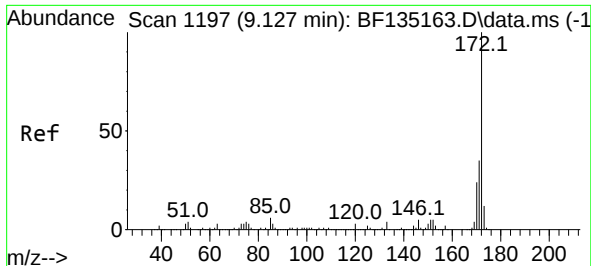
196 100

198 94.3 77.5 116.3

97 49.5 40.5 60.7

132 28.9 23.3 34.9





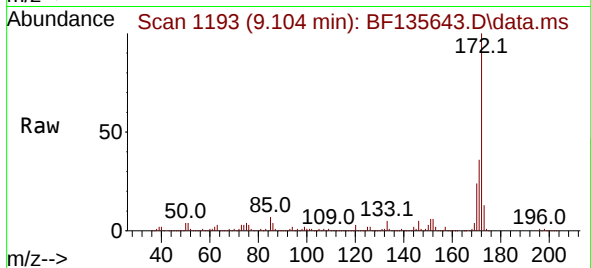
#45
2-Fluorobiphenyl
Concen: 73.585 ng
RT: 9.104 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



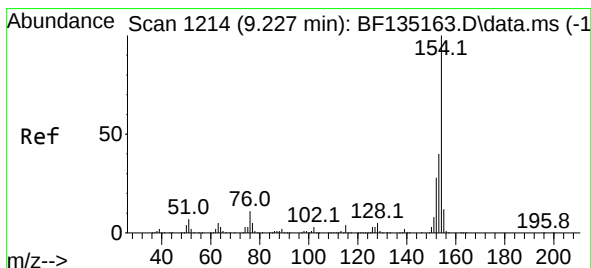
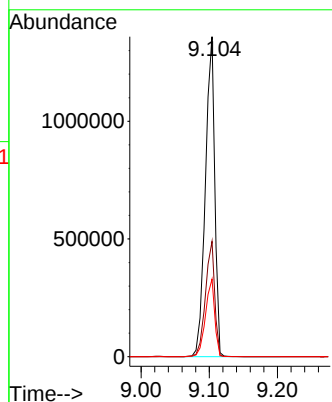
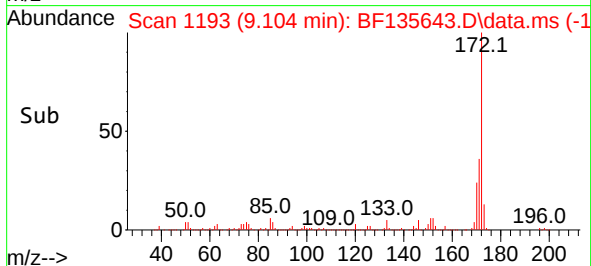
Tgt Ion:172 Resp: 1303169
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.2 19.0 28.4

Manual Integrations

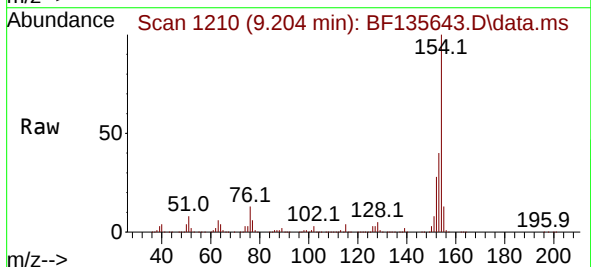
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

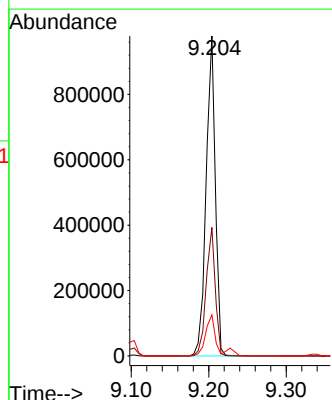
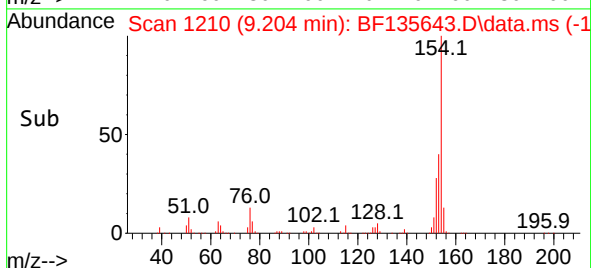
Supervised By :mohammad ahmed 10/11/2023

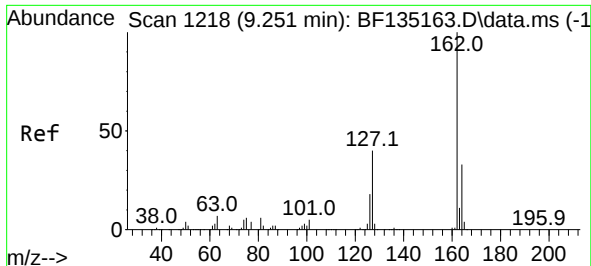


#46
1,1'-Biphenyl
Concen: 39.348 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:154 Resp: 807945
Ion Ratio Lower Upper
154 100
153 40.2 19.6 59.6
76 12.8 0.0 31.0





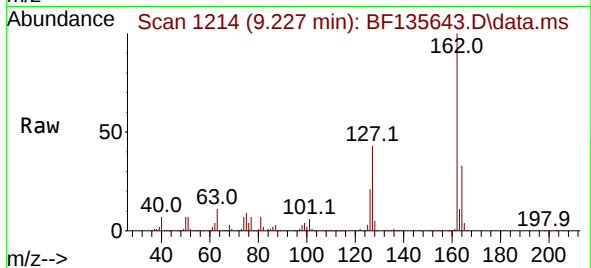
#47
2-Chloronaphthalene
Concen: 39.081 ng
RT: 9.227 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

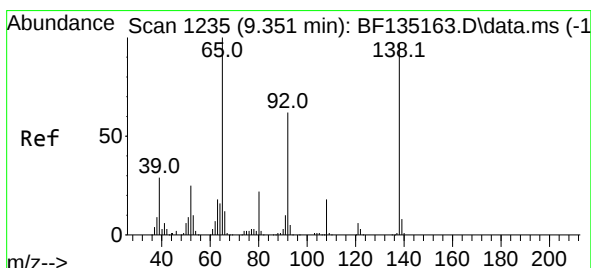
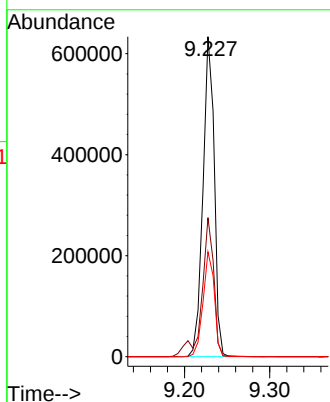
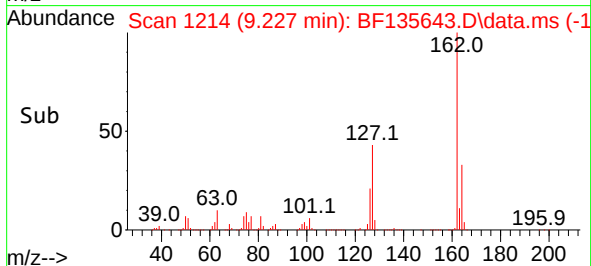
SSTDCCC040



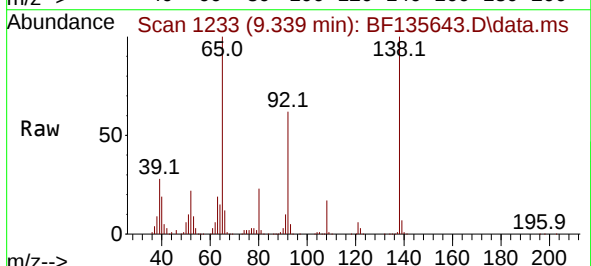
Tgt Ion:162 Resp: 58222
Ion Ratio Lower Upper
162 100
127 43.5 32.6 48.8
164 32.7 26.2 39.2

Manual Integrations
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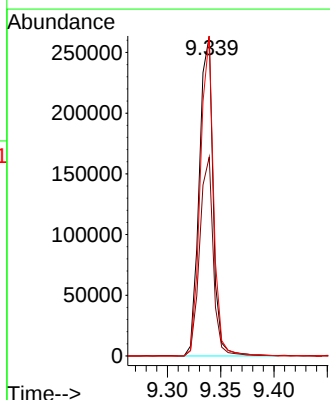
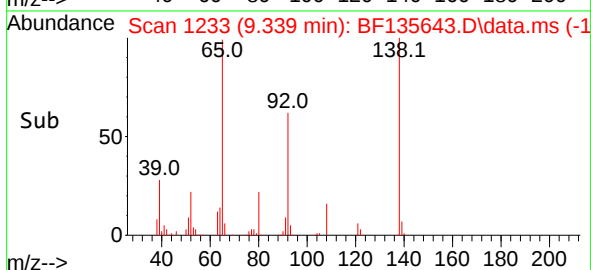
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

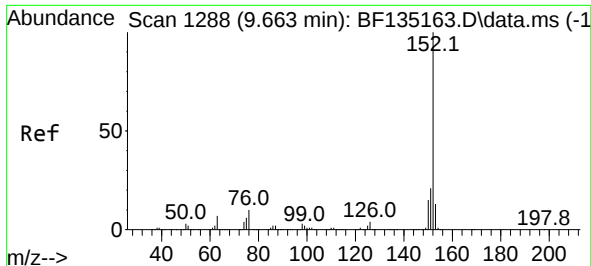


#48
2-Nitroaniline
Concen: 41.274 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



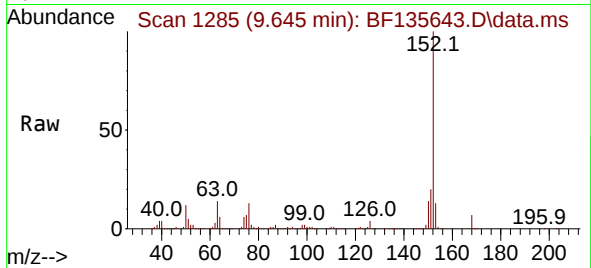
Tgt Ion: 65 Resp: 238883
Ion Ratio Lower Upper
65 100
92 62.2 49.4 74.0
138 100.1 77.4 116.0





#49
Acenaphthylene
Concen: 38.004 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

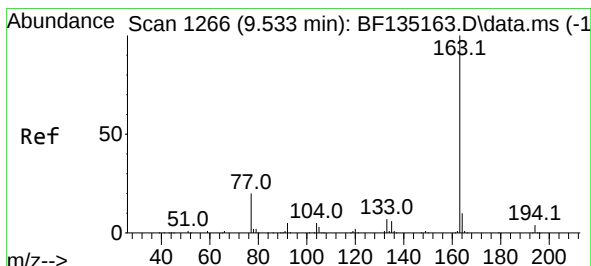
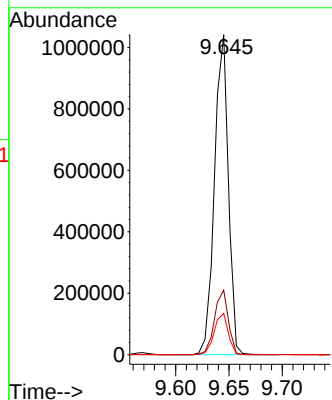
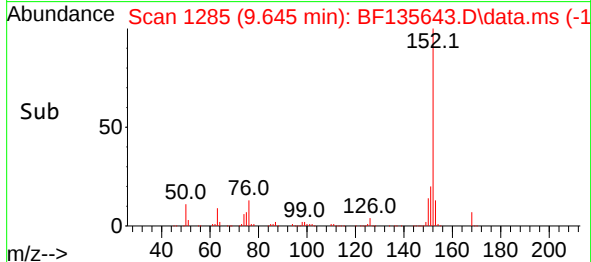
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



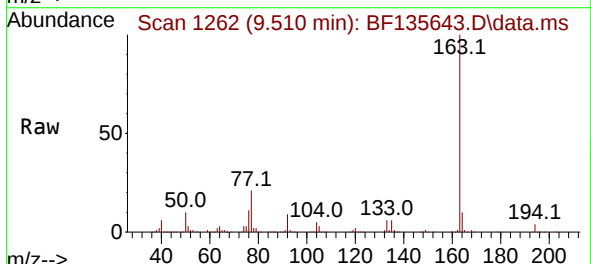
Tgt Ion:152 Resp: 940959
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.9 10.4 15.6

Manual Integrations
APPROVED

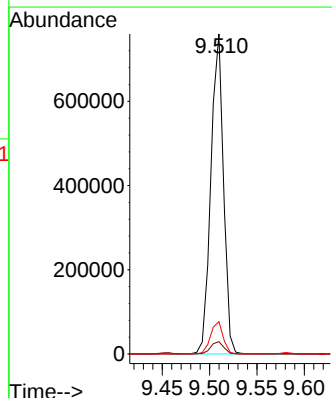
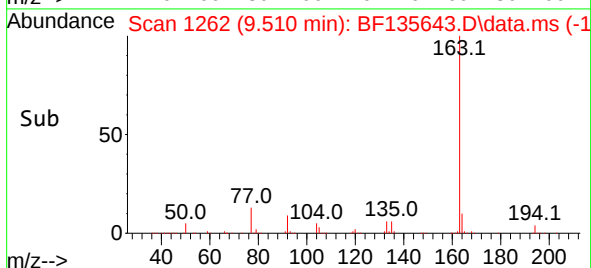
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

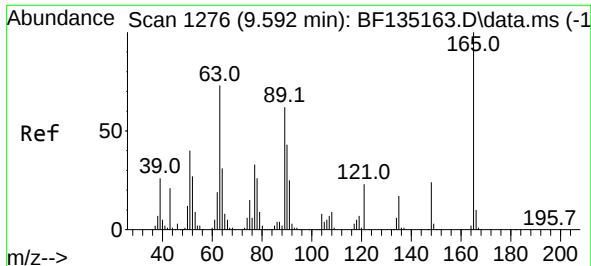


#50
Dimethylphthalate
Concen: 38.844 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:163 Resp: 701700
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 38.734 ng

RT: 9.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 153280

Ion Ratio Lower Upper

165 100

63 73.0 59.4 89.2

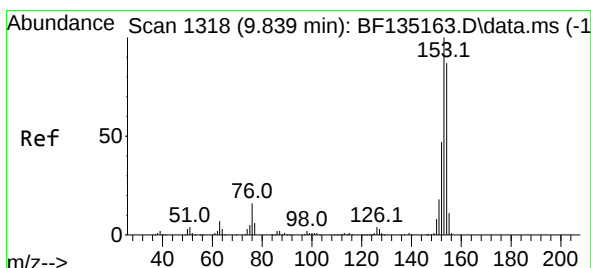
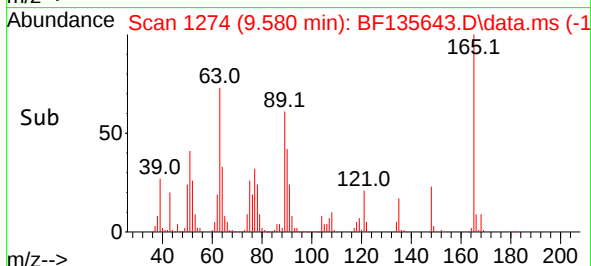
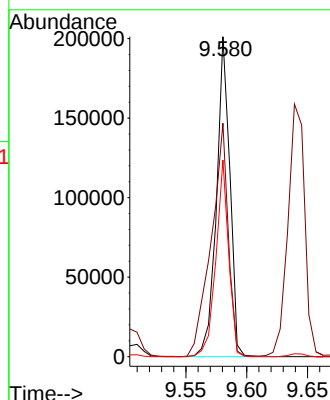
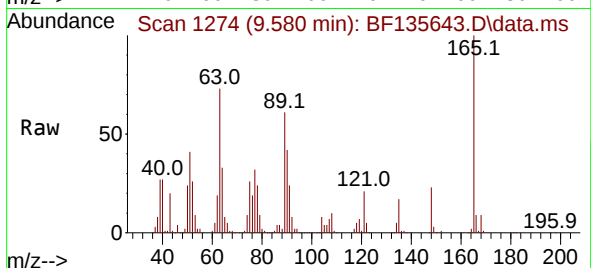
89 61.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#52

Acenaphthene

Concen: 39.440 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

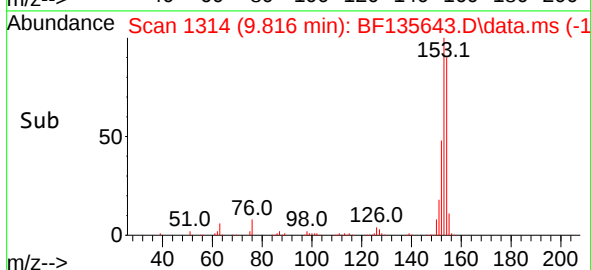
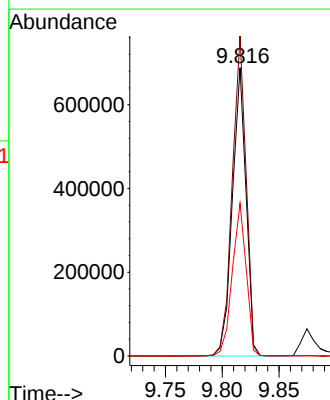
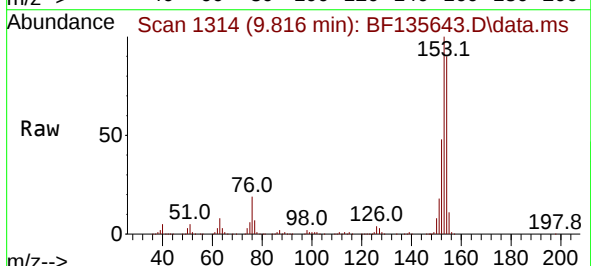
Tgt Ion:154 Resp: 576864

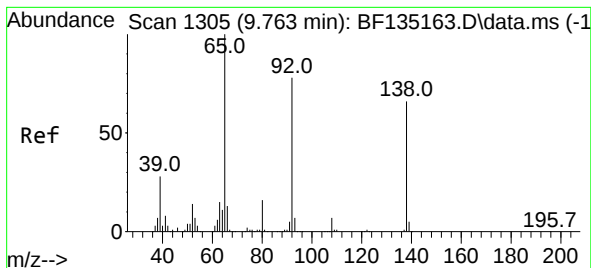
Ion Ratio Lower Upper

154 100

153 111.0 92.1 138.1

152 53.0 43.1 64.7





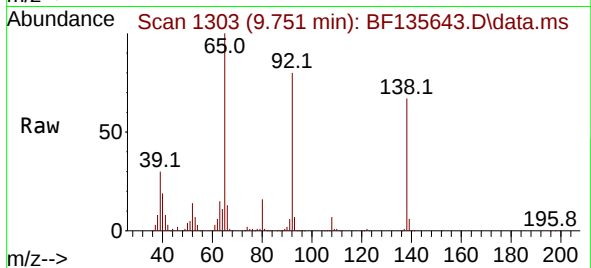
#53
3-Nitroaniline
Concen: 40.522 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



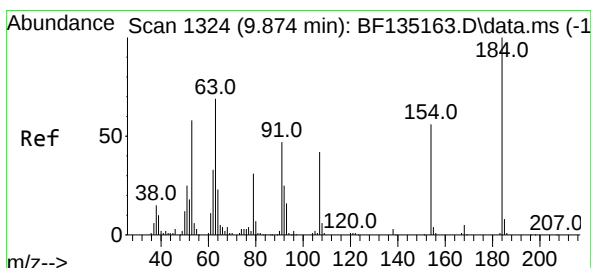
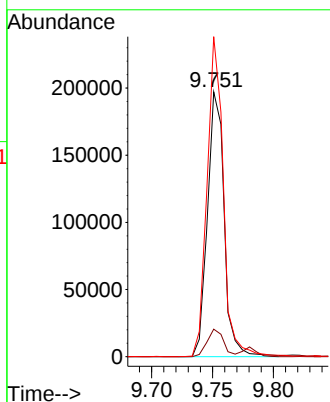
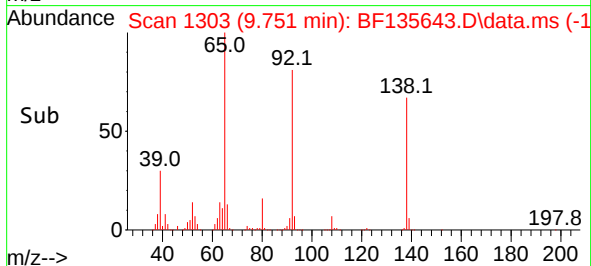
Tgt Ion:138 Resp: 188230
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 120.8 95.4 143.0

Manual Integrations

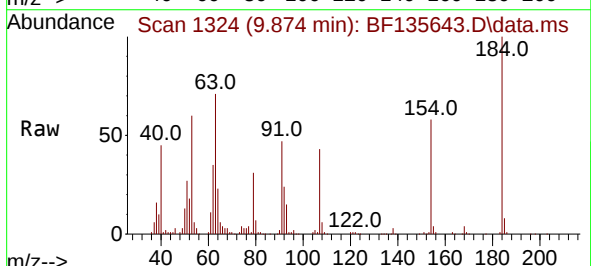
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

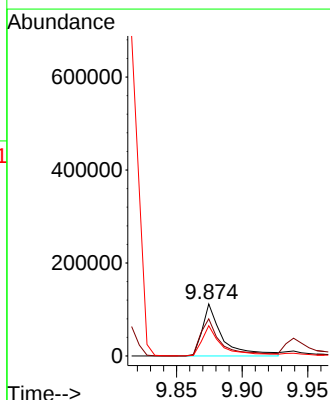
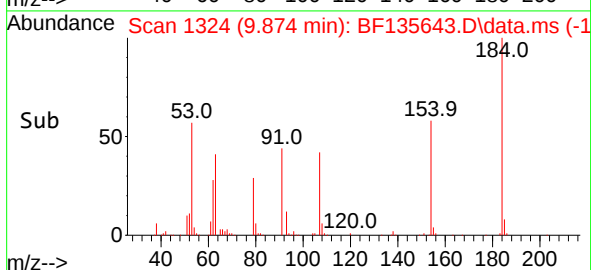
Supervised By :mohammad ahmed 10/11/2023

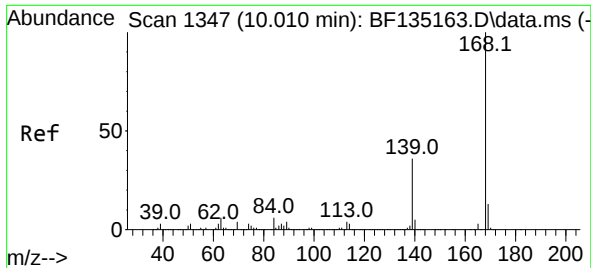


#54
2,4-Dinitrophenol
Concen: 54.952 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:184 Resp: 118688
Ion Ratio Lower Upper
184 100
63 71.4 55.1 82.7
154 58.1 48.4 72.6





#55
Dibenzenofuran
Concen: 37.211 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

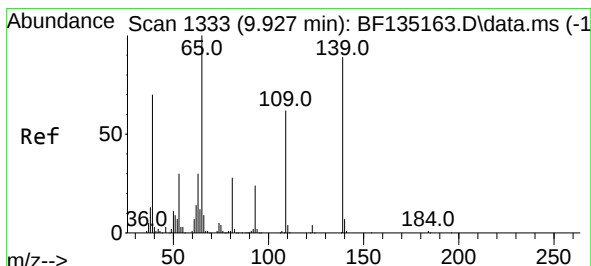
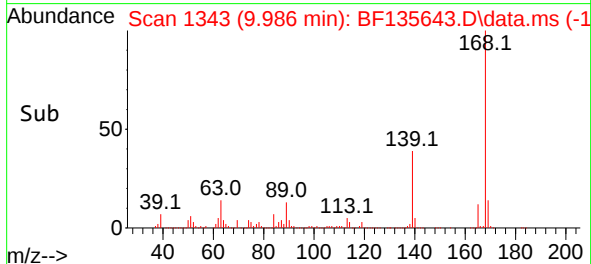
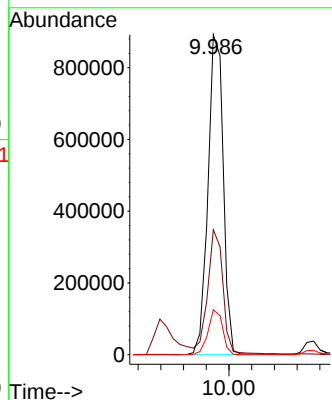
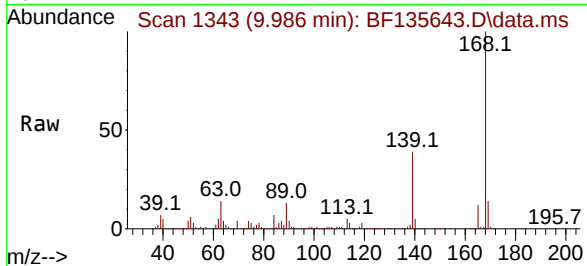
ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 83053
Ion Ratio Lower Upper
168 100
139 39.0 29.0 43.6
169 14.0 10.4 15.6

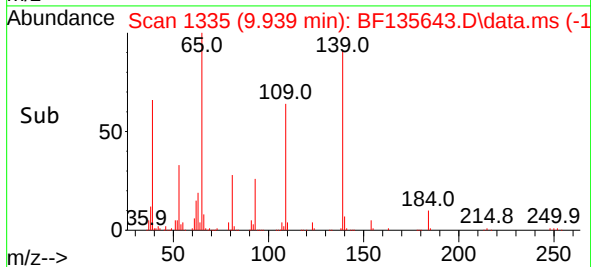
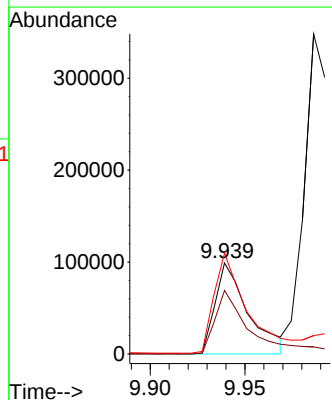
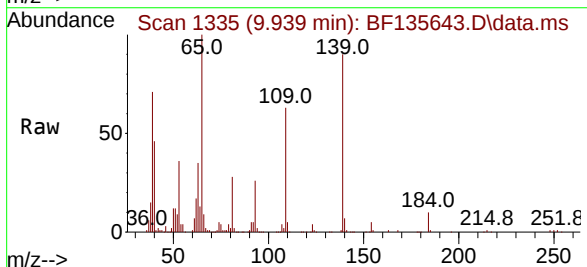
Manual Integrations
APPROVED

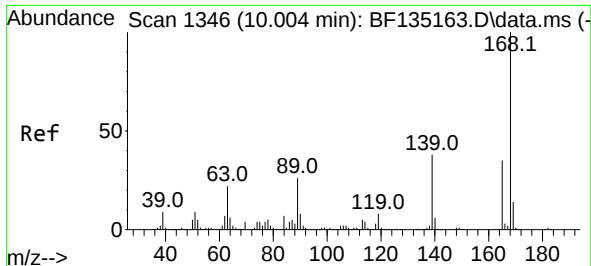
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#56
4-Nitrophenol
Concen: 40.575 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:139 Resp: 119790
Ion Ratio Lower Upper
139 100
109 69.8 49.8 89.8
65 110.7 92.7 132.7





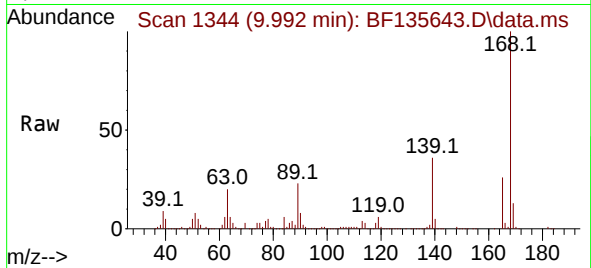
#57
2,4-Dinitrotoluene
Concen: 37.360 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

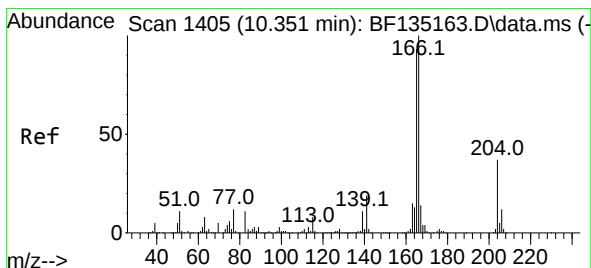
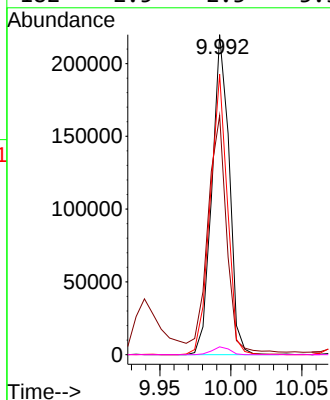
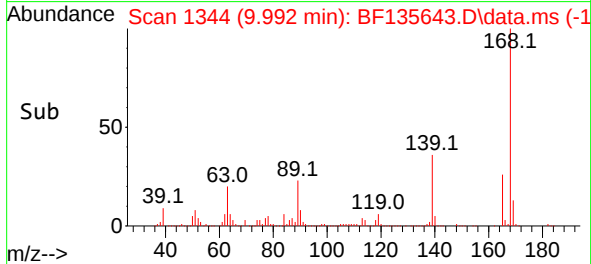


Tgt Ion:165 Resp: 18509
Ion Ratio Lower Upper
165 100
63 74.8 50.1 75.1
89 87.6 59.3 88.9
182 2.5 2.3 3.5

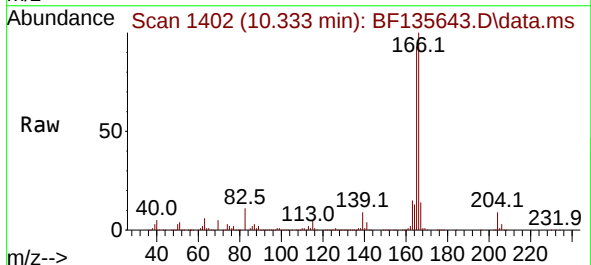
Manual Integrations

APPROVED

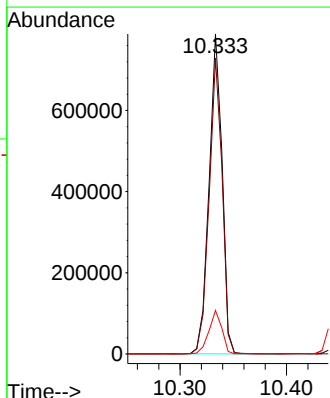
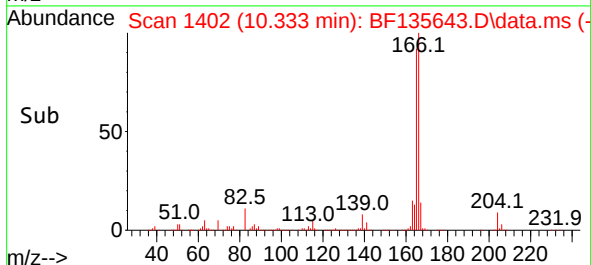
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

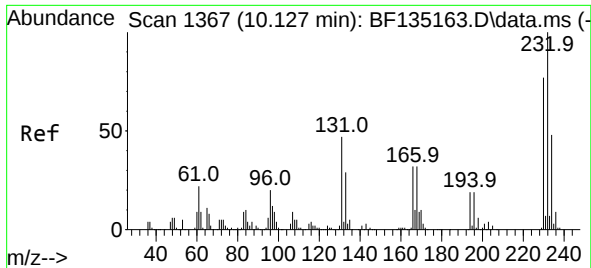


#58
Fluorene
Concen: 39.019 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



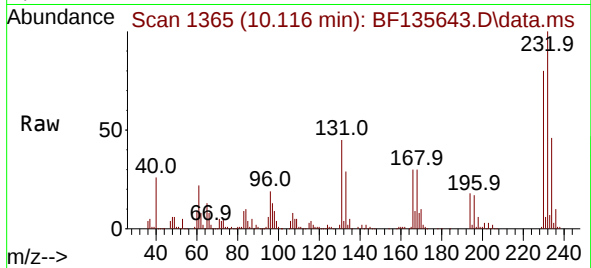
Tgt Ion:166 Resp: 669515
Ion Ratio Lower Upper
166 100
165 92.5 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.486 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

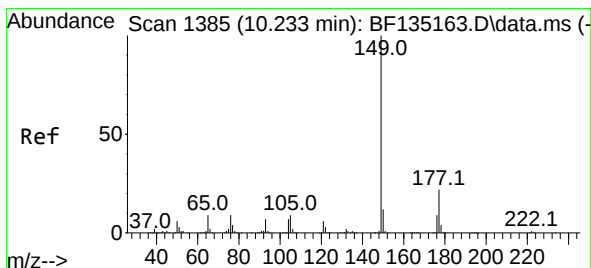
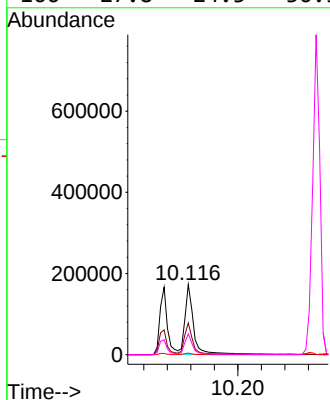
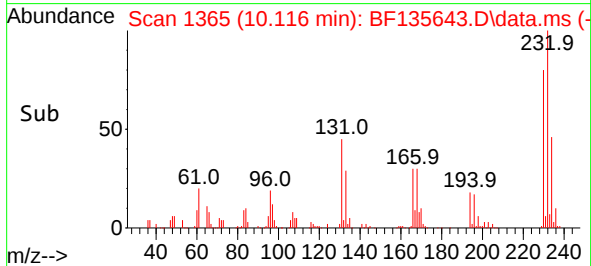
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



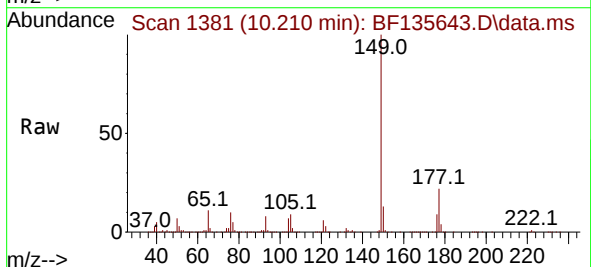
Tgt Ion:232 Resp: 172789
Ion Ratio Lower Upper
232 100
131 43.8 35.4 53.2
130 2.3 1.8 2.8
166 27.8 24.3 36.5

Manual Integrations
APPROVED

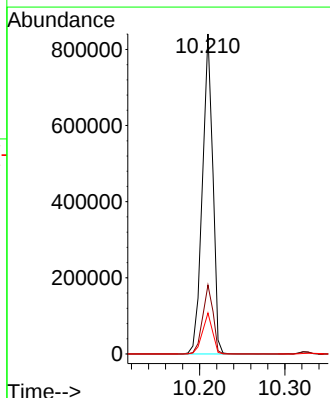
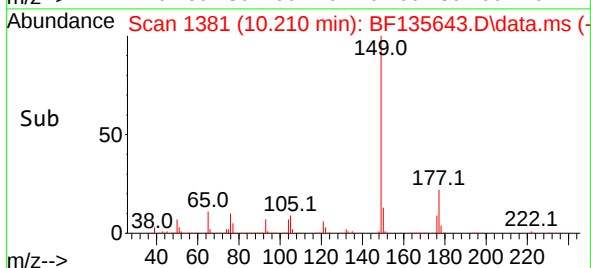
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

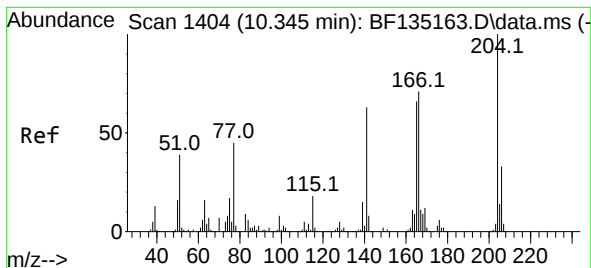


#60
Diethylphthalate
Concen: 39.258 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



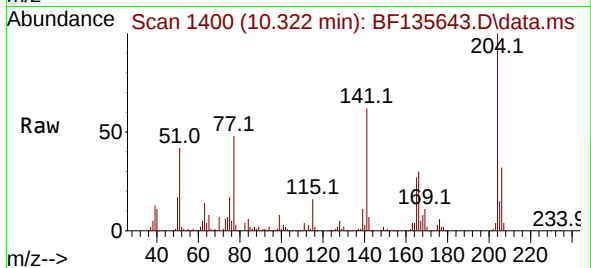
Tgt Ion:149 Resp: 711729
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.991 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

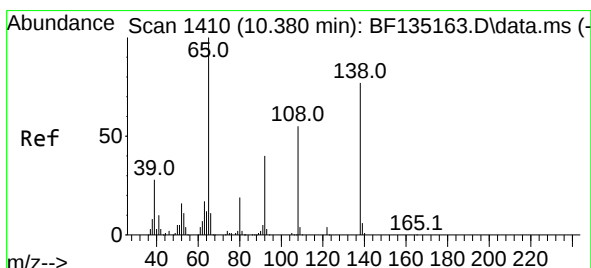
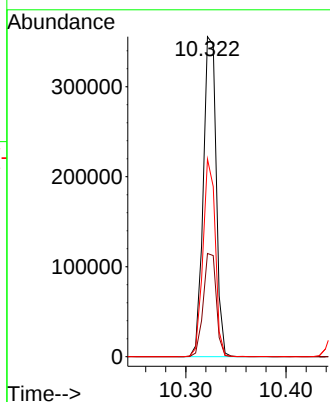
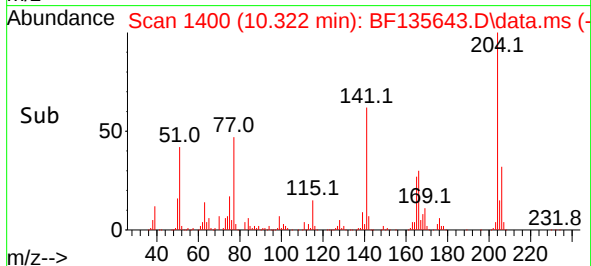
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 32138
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 61.8 50.6 75.8

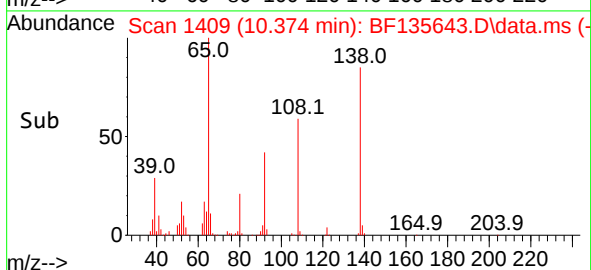
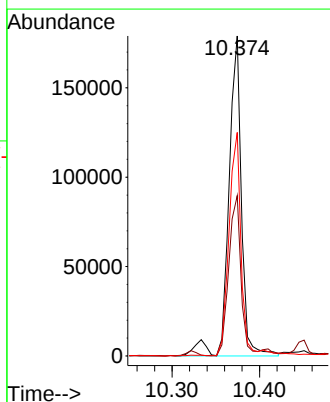
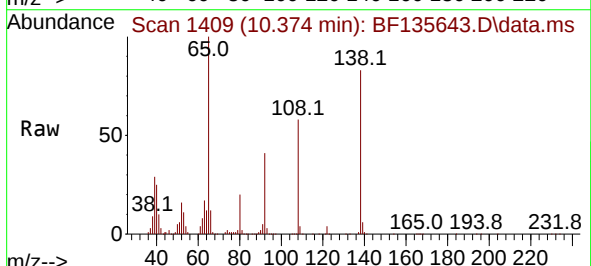
Manual Integrations
APPROVED

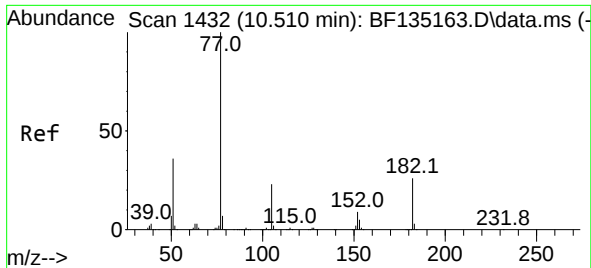
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#62
4-Nitroaniline
Concen: 40.633 ng m
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:138 Resp: 181435
Ion Ratio Lower Upper
138 100
92 50.1 31.8 71.8
108 69.9 52.0 92.0





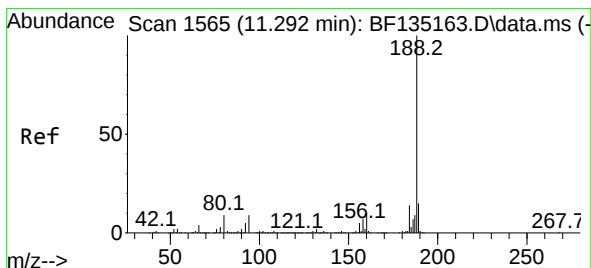
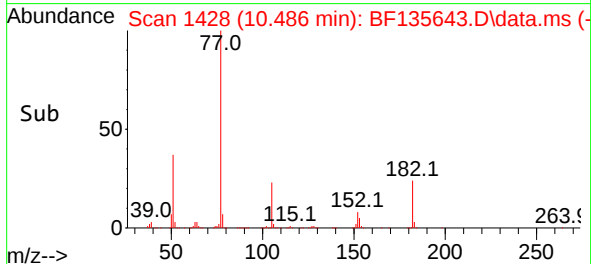
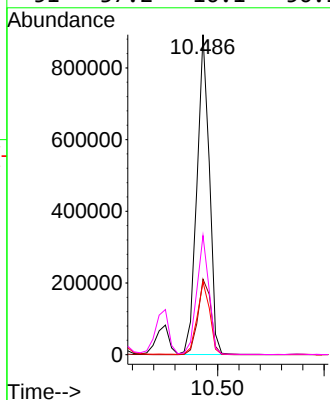
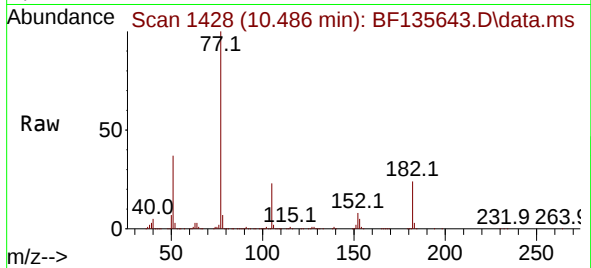
#63
Azobenzene
Concen: 40.879 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 725319
Ion Ratio Lower Upper
77 100
182 23.6 6.4 46.4
105 22.7 3.1 43.1
51 37.2 16.1 56.1

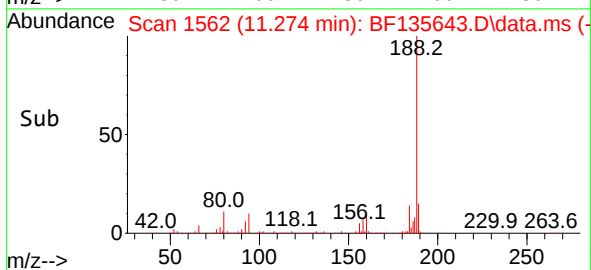
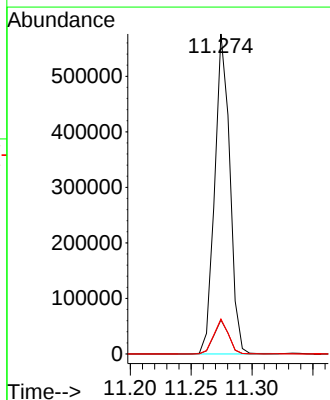
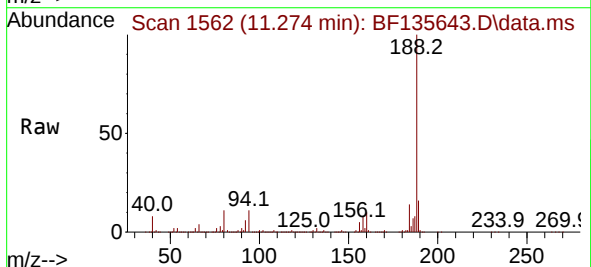
Manual Integrations
APPROVED

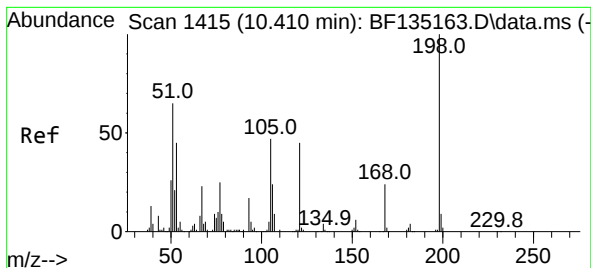
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

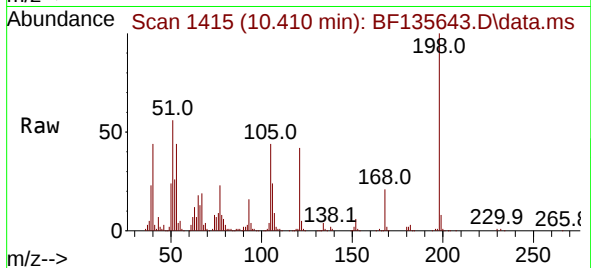
Tgt Ion:188 Resp: 500261
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.0 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 40.909 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

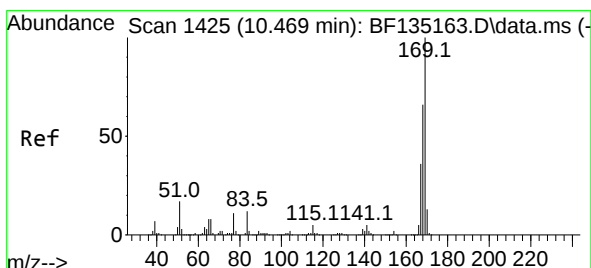
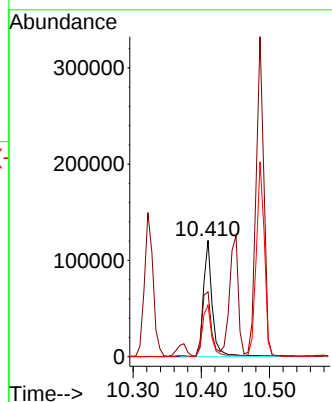
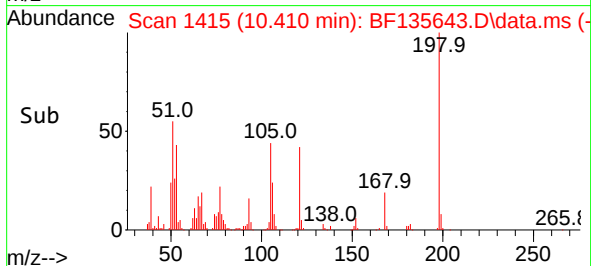
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



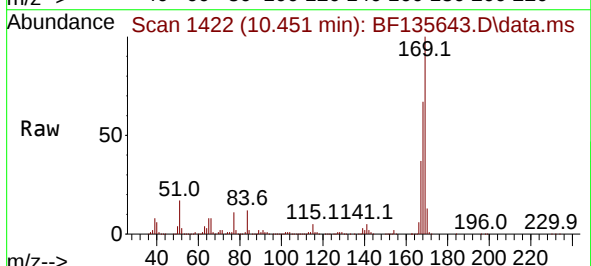
Tgt Ion:198 Resp: 108697
Ion Ratio Lower Upper
198 100
51 55.7 47.7 87.7
105 44.3 27.4 67.4

Manual Integrations
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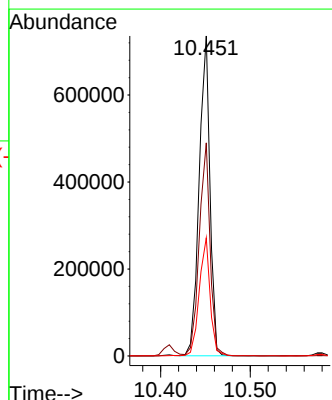
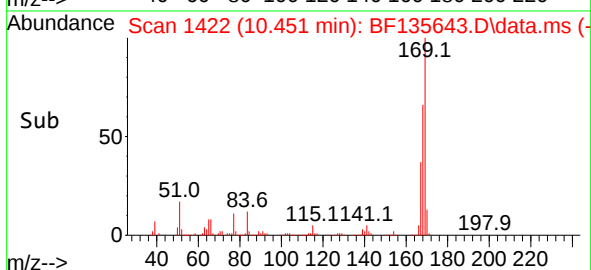
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

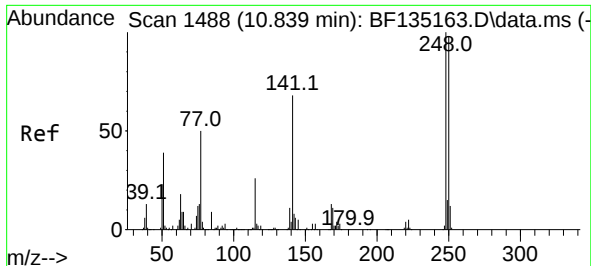


#66
n-Nitrosodiphenylamine
Concen: 40.458 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



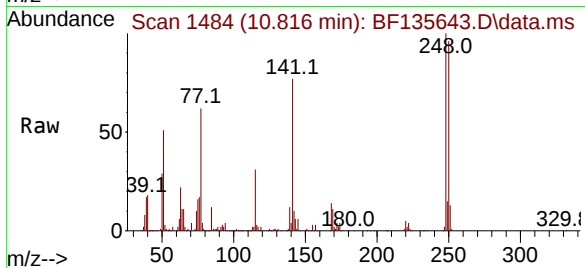
Tgt Ion:169 Resp: 612743
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 36.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 39.683 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

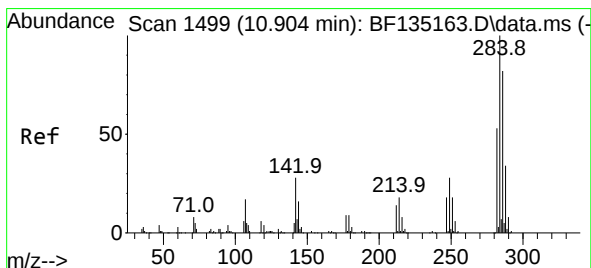
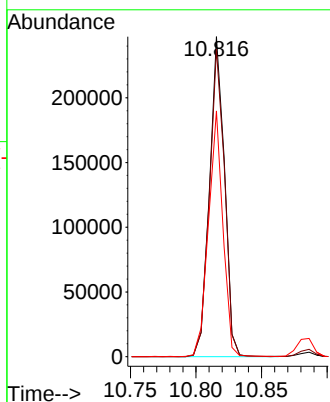
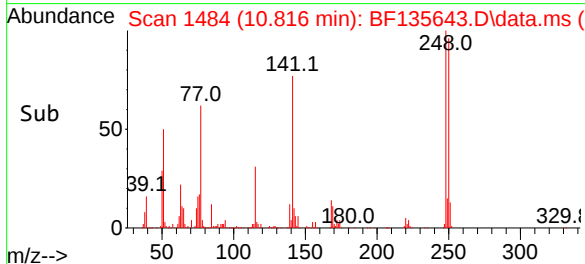
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



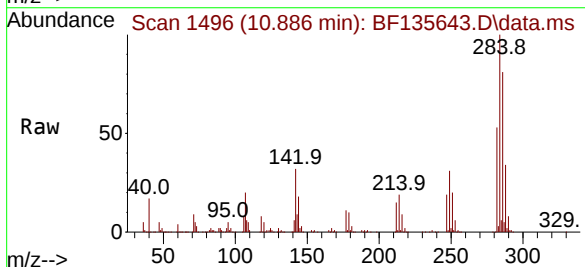
Tgt Ion:248 Resp: 197439
Ion Ratio Lower Upper
248 100
250 96.0 78.6 117.8
141 76.8 54.2 81.2

Manual Integrations
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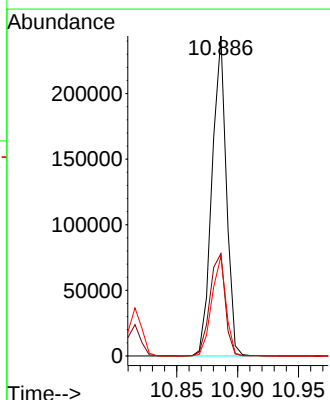
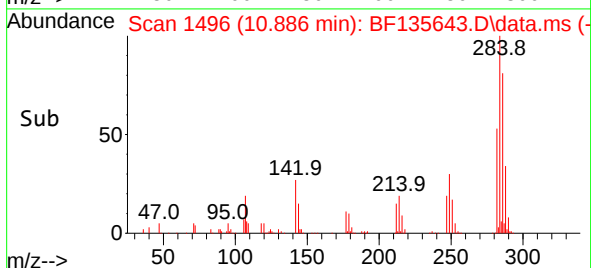
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

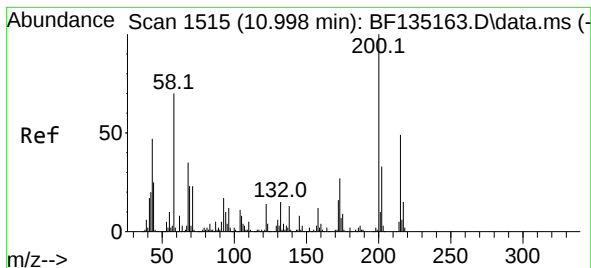


#68
Hexachlorobenzene
Concen: 39.349 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:284 Resp: 199452
Ion Ratio Lower Upper
284 100
142 32.0 22.2 33.4
249 31.1 22.5 33.7





#69

Atrazine

Concen: 39.278 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135643.D

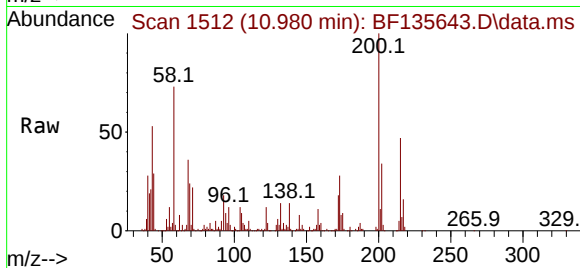
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



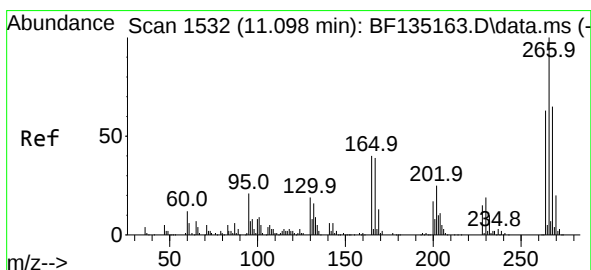
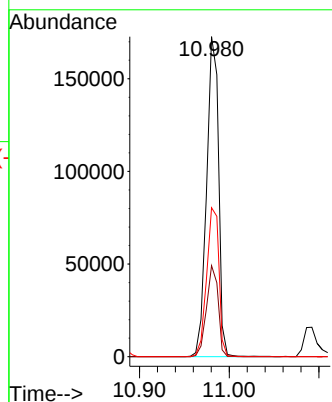
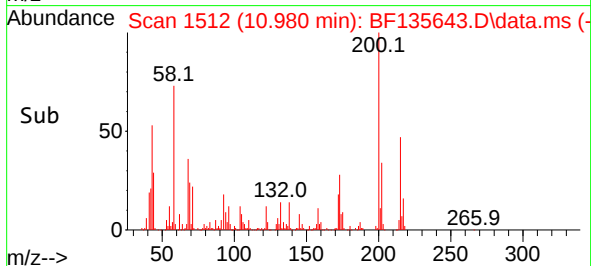
Tgt Ion:	200	Resp:	160062
Ion Ratio	Lower	Upper	
200	100		
173	28.5	7.4	47.4
215	46.5	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#70

Pentachlorophenol

Concen: 38.648 ng

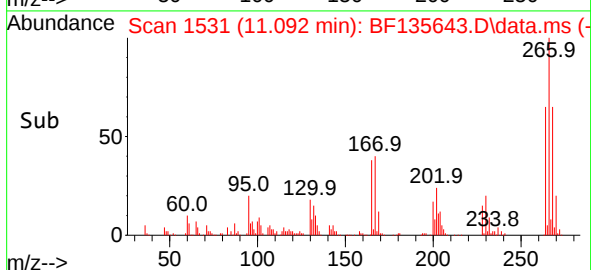
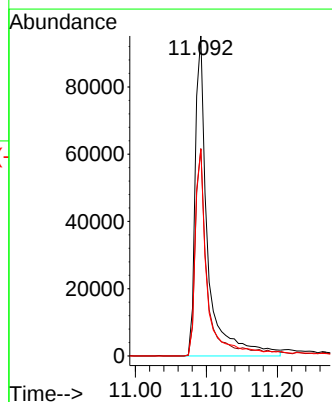
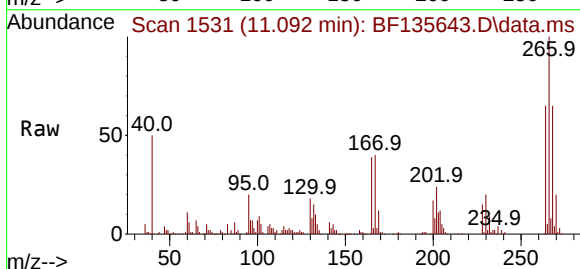
RT: 11.092 min Scan# 1531

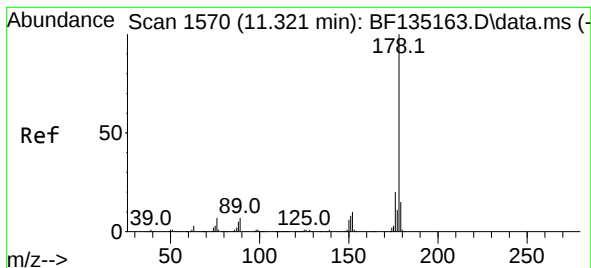
Delta R.T. 0.012 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Tgt Ion:	266	Resp:	117208
Ion Ratio	Lower	Upper	
266	100		
268	64.8	52.1	78.1
264	64.7	50.8	76.2





#71

Phenanthrene

Concen: 40.407 ng

RT: 11.304 min Scan# 1567

Delta R.T. 0.012 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 956029

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

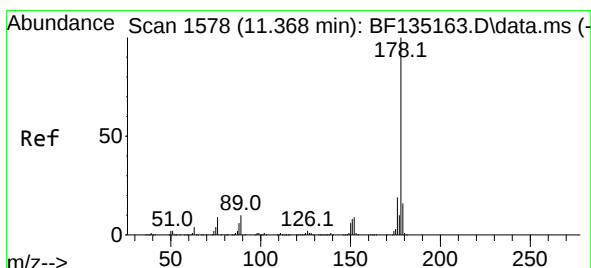
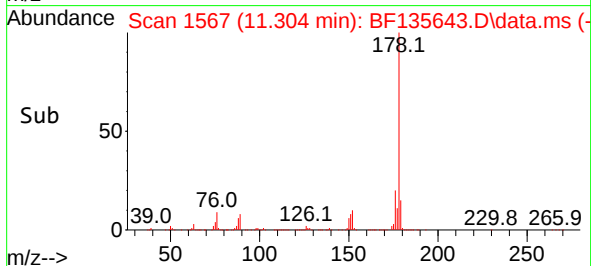
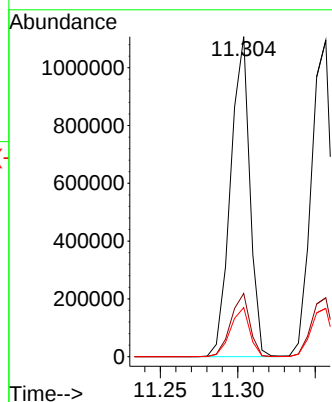
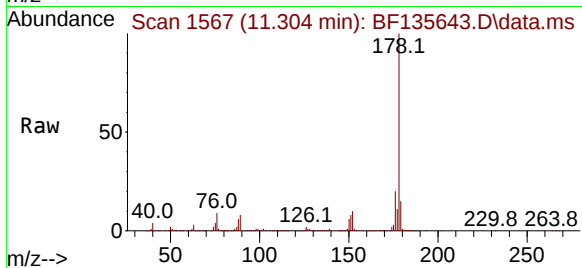
179 15.3 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#72

Anthracene

Concen: 40.966 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.012 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

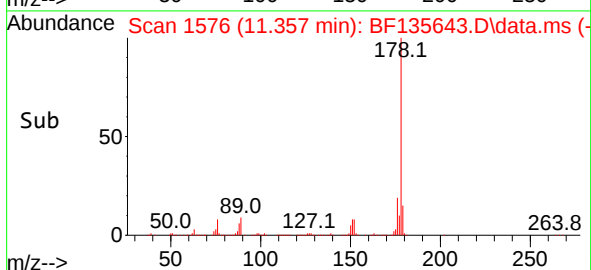
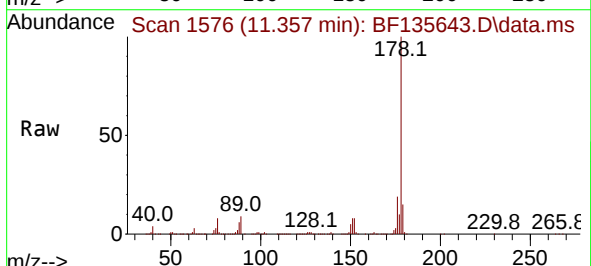
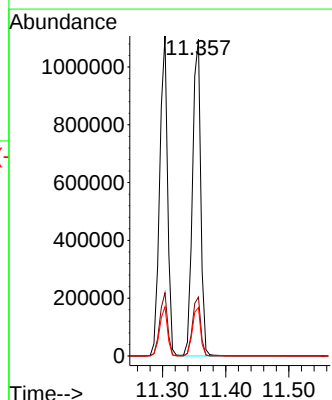
Tgt Ion:178 Resp: 996300

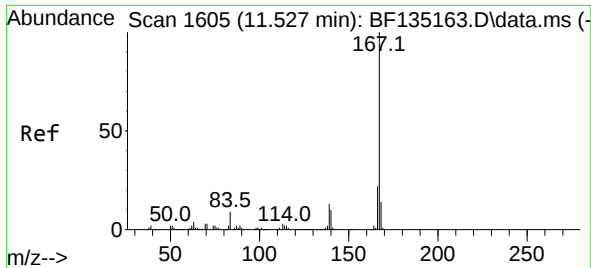
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

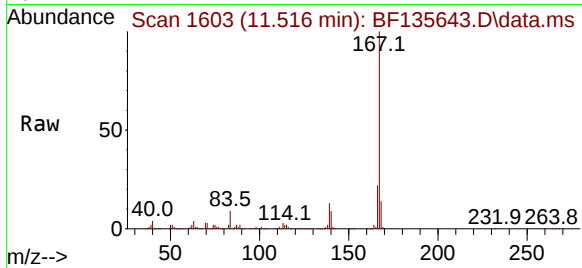
179 15.3 12.6 19.0





#73
Carbazole
Concen: 41.843 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

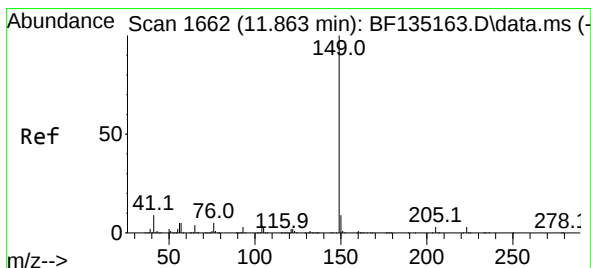
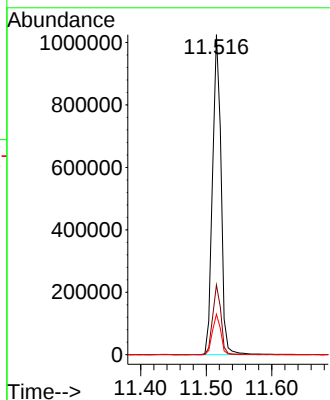
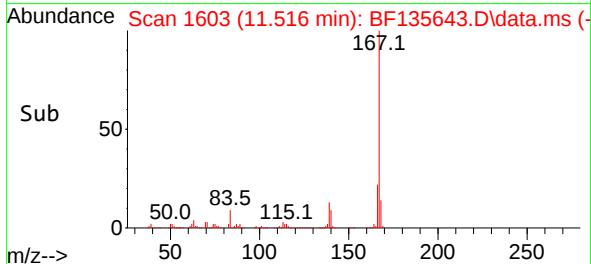
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



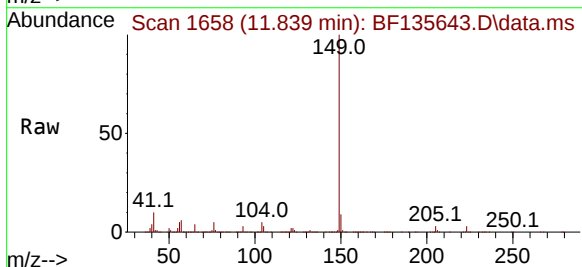
Tgt Ion:167 Resp: 926360
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 12.7 10.6 15.8

Manual Integrations
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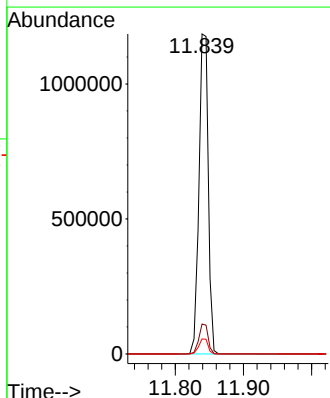
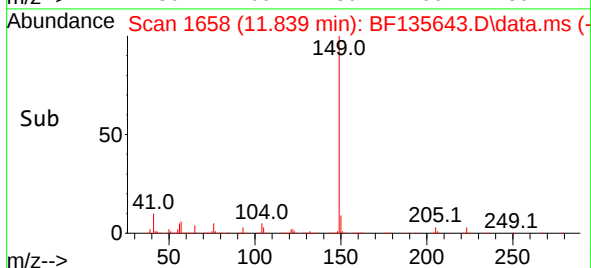
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

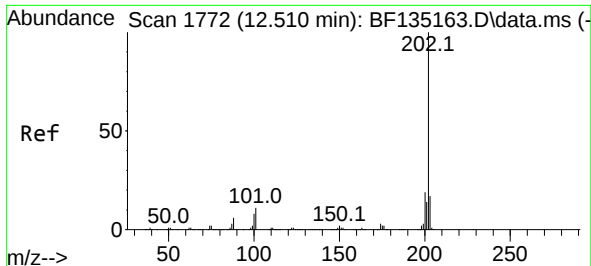


#74
Di-n-butylphthalate
Concen: 43.006 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



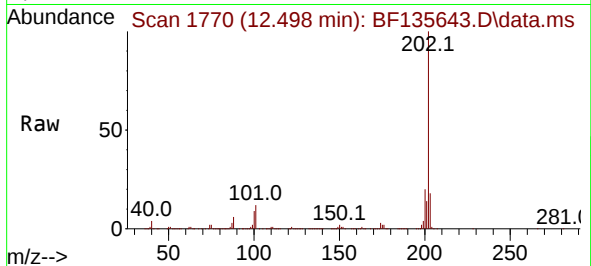
Tgt Ion:149 Resp: 1121932
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 40.780 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

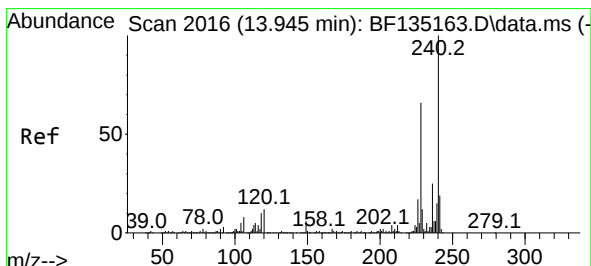
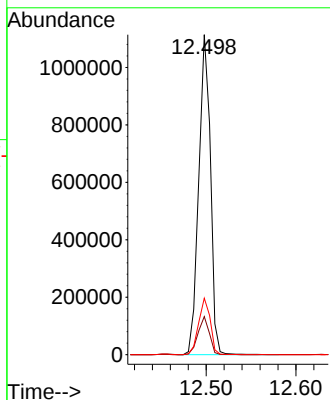
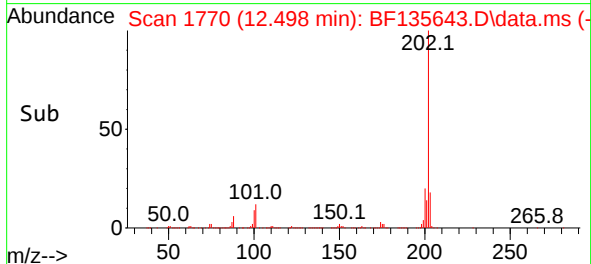
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



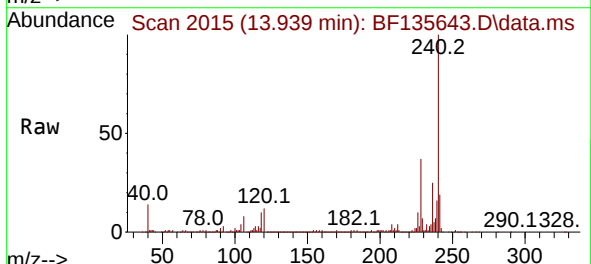
Tgt Ion:202 Resp: 1005378
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.3
203 17.6 0.0 37.4

Manual Integrations
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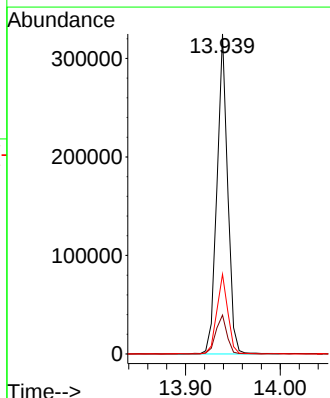
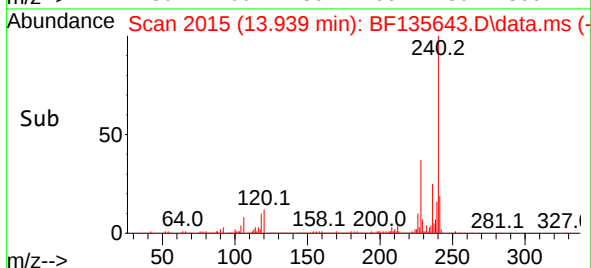
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

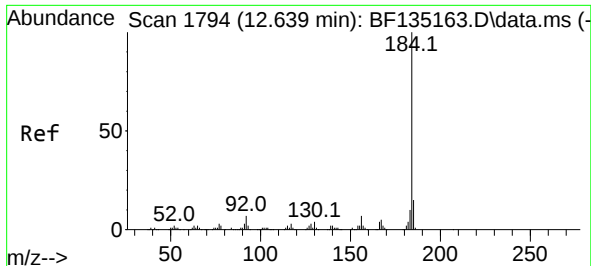


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



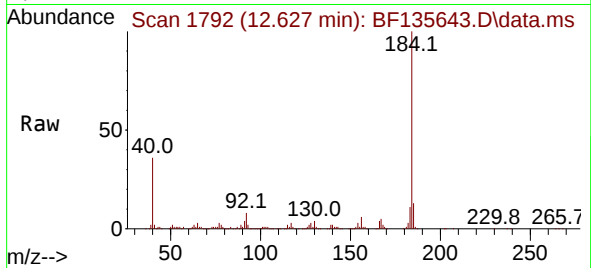
Tgt Ion:240 Resp: 254627
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 24.9 19.8 29.8





#77
Benzidine
Concen: 32.902 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

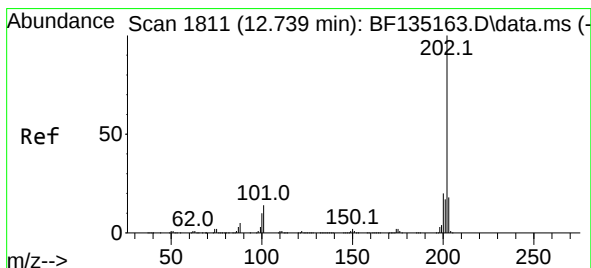
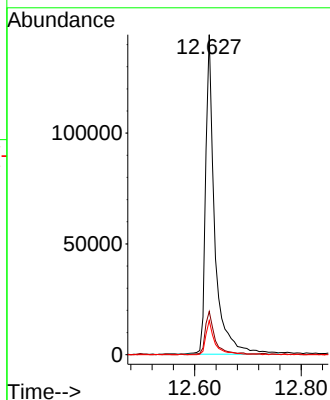
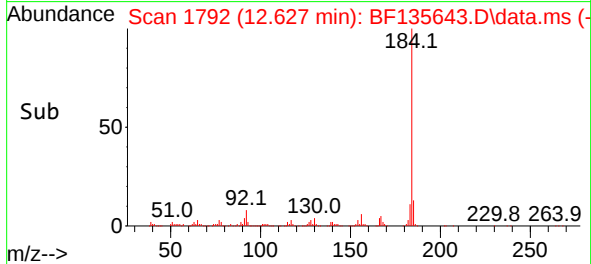
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 17163
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 10.6 8.2 12.4

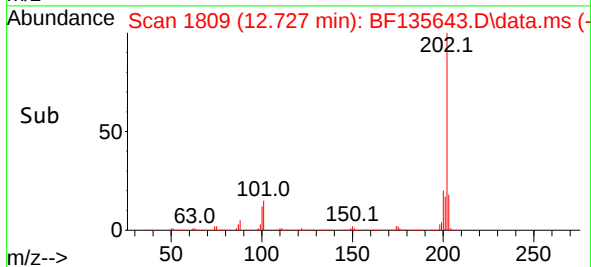
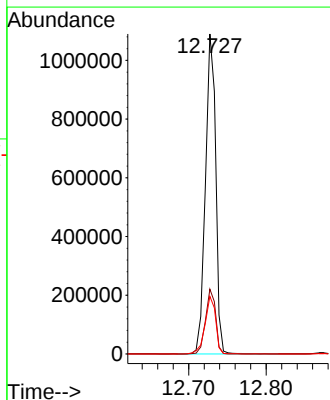
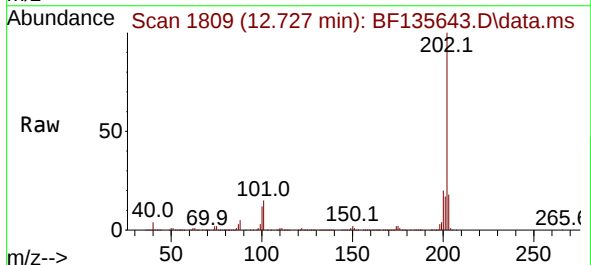
Manual Integrations
APPROVED

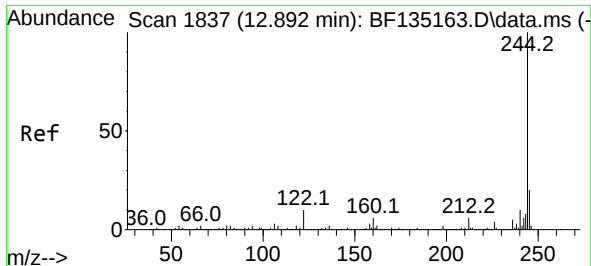
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#78
Pyrene
Concen: 41.397 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:202 Resp: 1003566
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 18.0 14.2 21.4





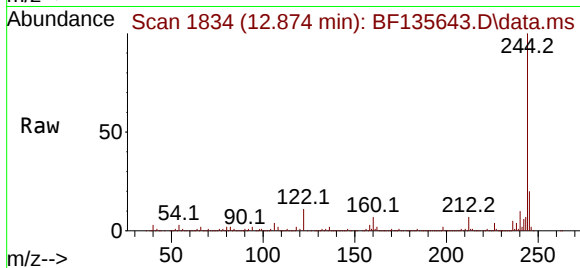
#79
 Terphenyl-d14
 Concen: 79.568 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.012 min
 Lab File: BF135643.D
 Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



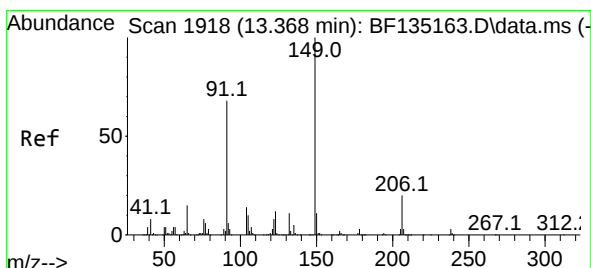
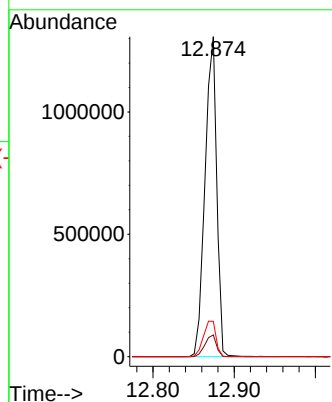
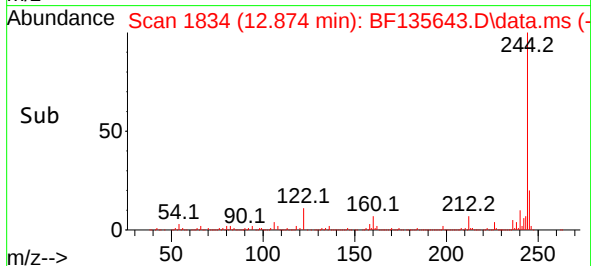
Tgt Ion:244 Resp: 1306949
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.1 7.9 11.9

Manual Integrations

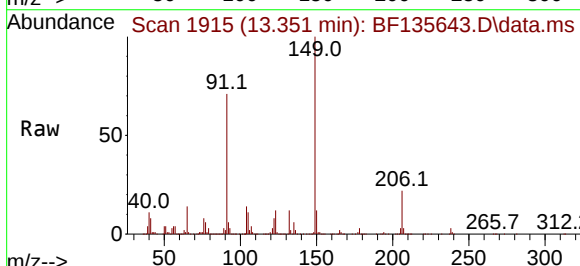
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

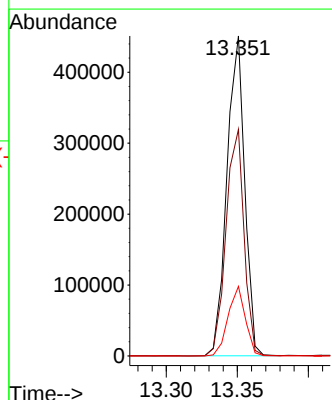
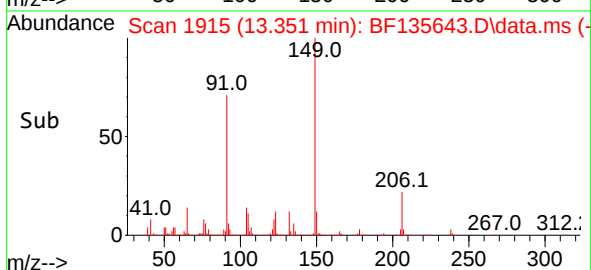
Supervised By :mohammad ahmed 10/11/2023

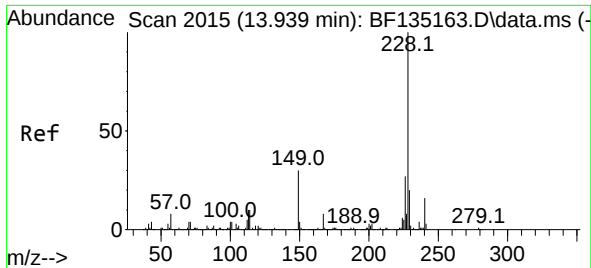


#80
 Butylbenzylphthalate
 Concen: 45.909 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. 0.012 min
 Lab File: BF135643.D
 Acq: 09 Oct 2023 10:16



Tgt Ion:149 Resp: 391850
 Ion Ratio Lower Upper
 149 100
 91 70.8 54.7 82.1
 206 21.8 16.3 24.5





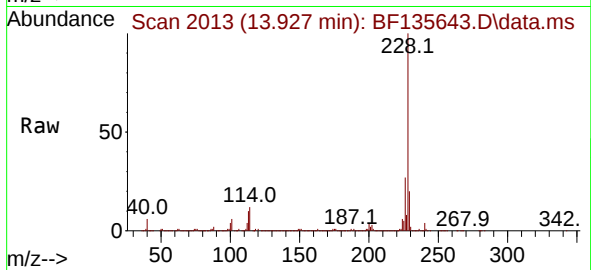
#81
Benzo(a)anthracene
Concen: 40.426 ng
RT: 13.927 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

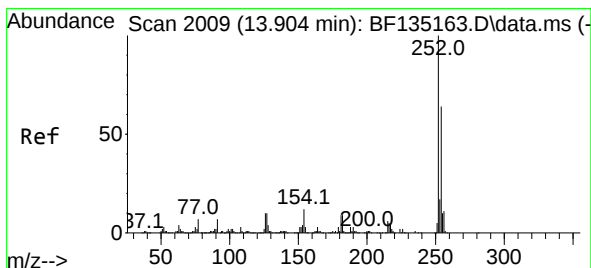
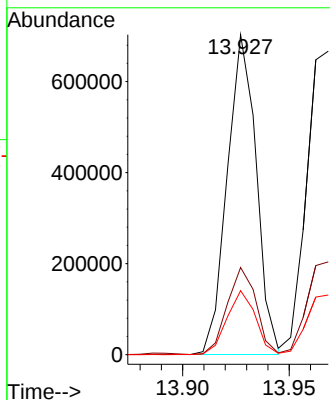
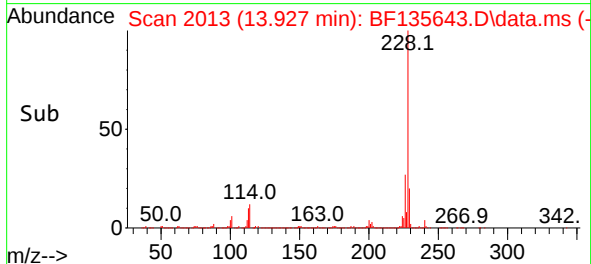


Tgt Ion:228 Resp: 664689
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.0 15.8 23.8

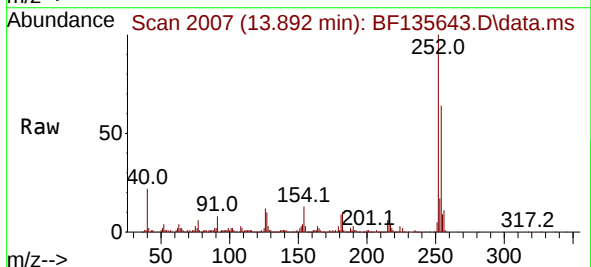
Manual Integrations

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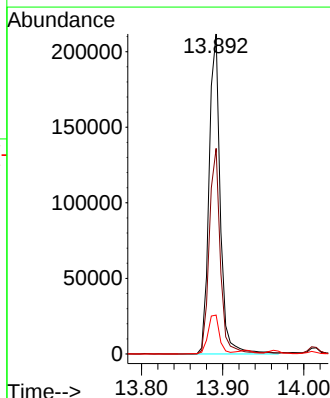
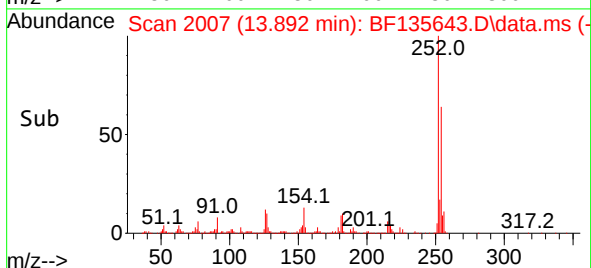
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

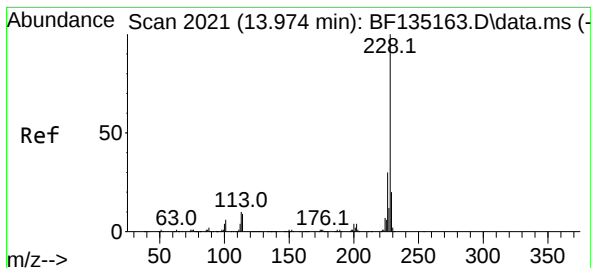


#82
3,3'-Dichlorobenzidine
Concen: 39.313 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:252 Resp: 201900
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 12.2 7.8 11.8





#83

Chrysene

Concen: 39.661 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

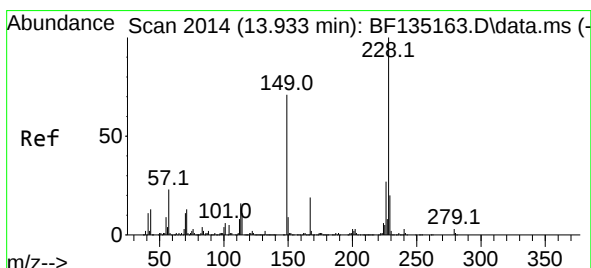
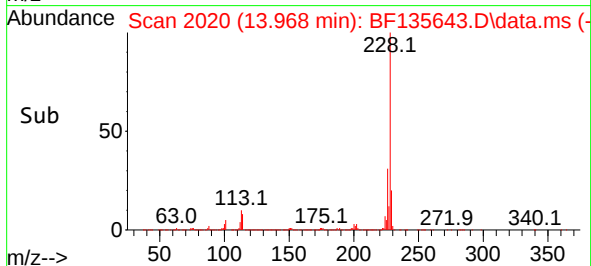
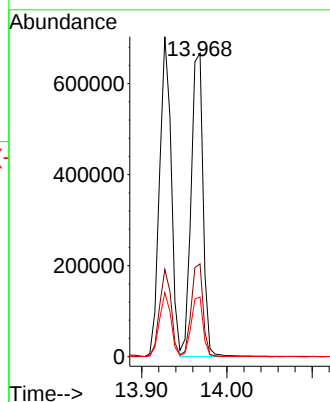
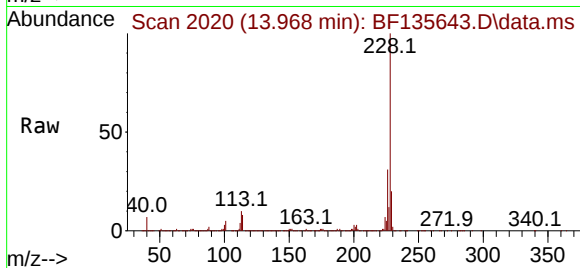
Tgt Ion:228 Resp: 64833
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.928 ng

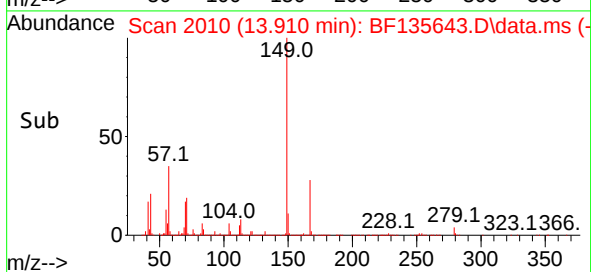
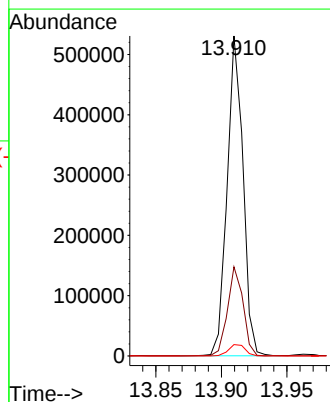
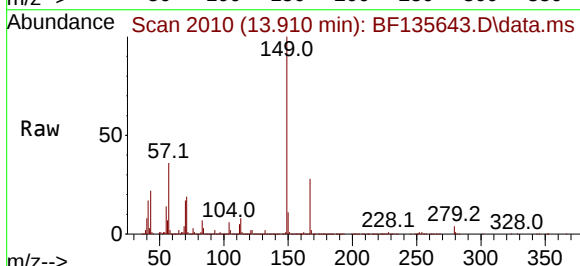
RT: 13.910 min Scan# 2010

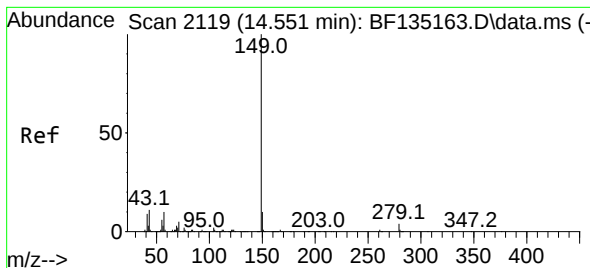
Delta R.T. 0.006 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Tgt Ion:149 Resp: 446071
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.9 32.9
 279 3.5 3.3 4.9





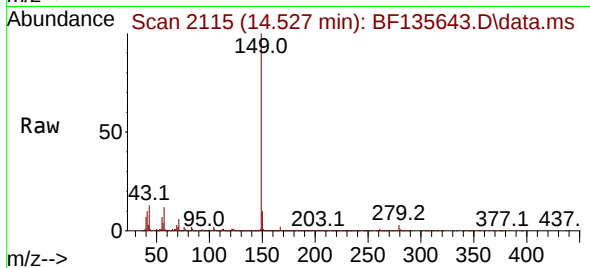
#85
Di-n-octyl phthalate
Concen: 44.203 ng
RT: 14.527 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



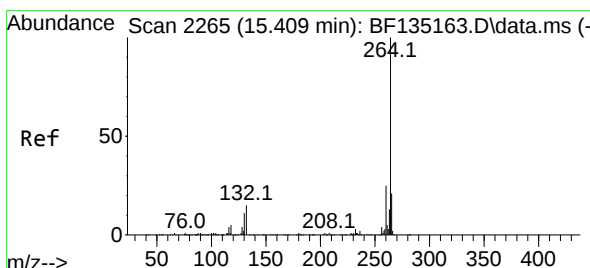
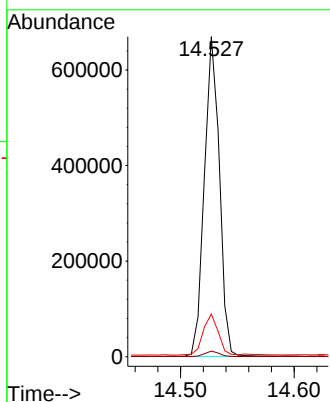
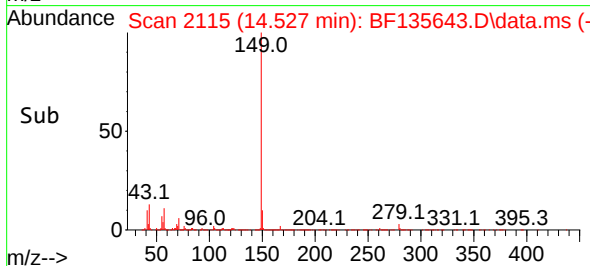
Tgt Ion:149 Resp: 615270
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.8 9.8 14.6

Manual Integrations

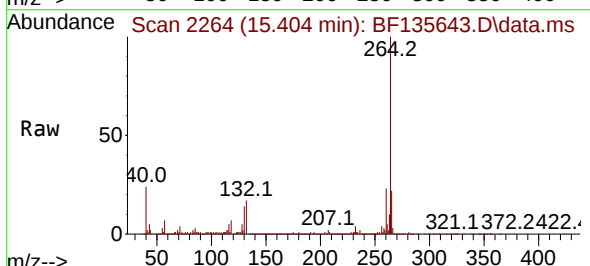
APPROVED

Reviewed By :Yogesh Patel 10/11/2023

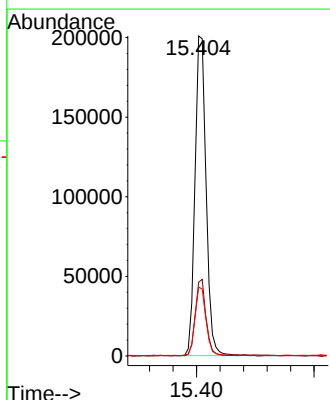
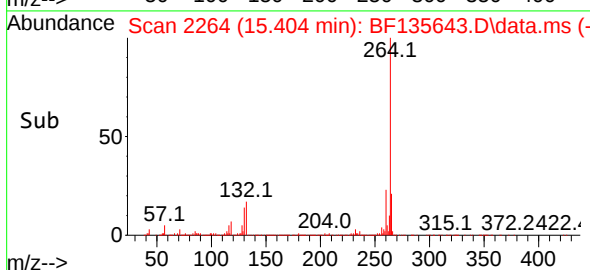
Supervised By :mohammad ahmed 10/11/2023

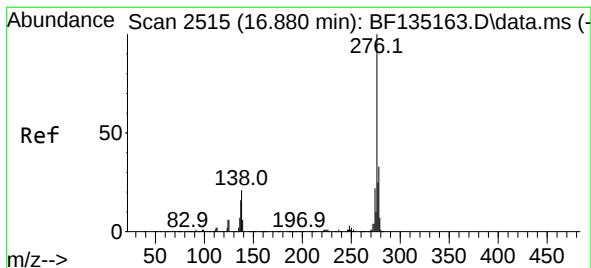


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16



Tgt Ion:264 Resp: 263296
Ion Ratio Lower Upper
264 100
260 23.1 19.8 29.6
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.798 ng

RT: 16.909 min Scan# 2192

Delta R.T. 0.041 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

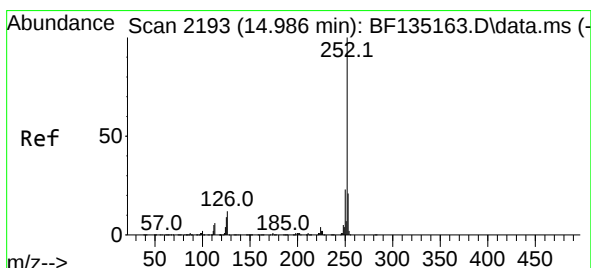
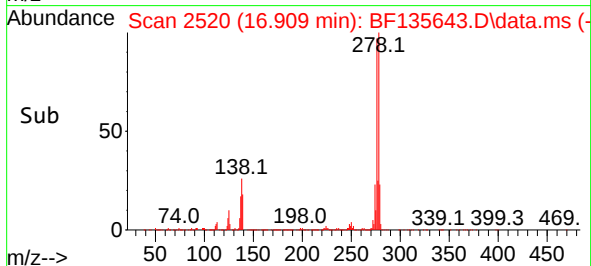
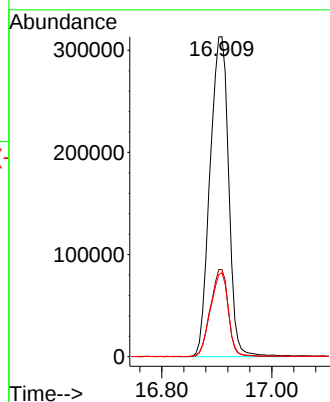
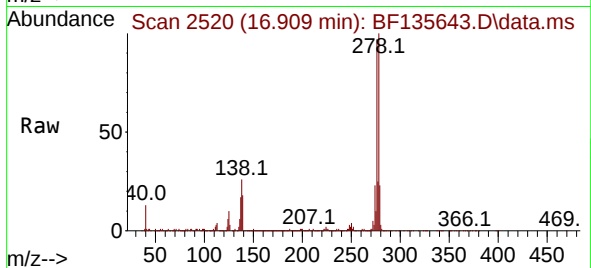
SSTDCCC040

Tgt Ion:276 Resp: 738849
 Ion Ratio Lower Upper
 276 100
 138 25.9 19.2 28.8
 277 25.0 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023



#88

Benzo(b)fluoranthene

Concen: 35.641 ng m

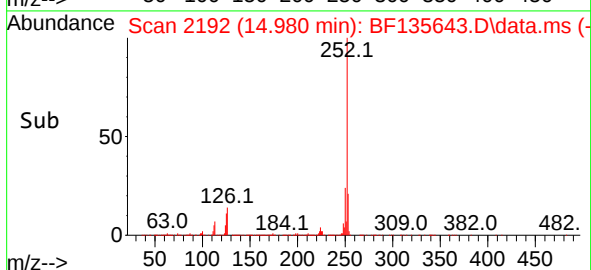
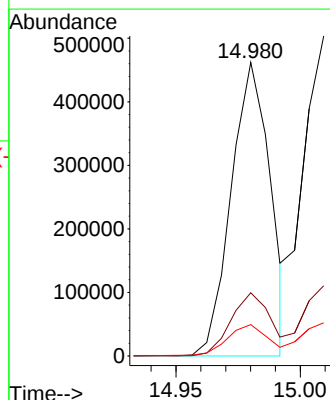
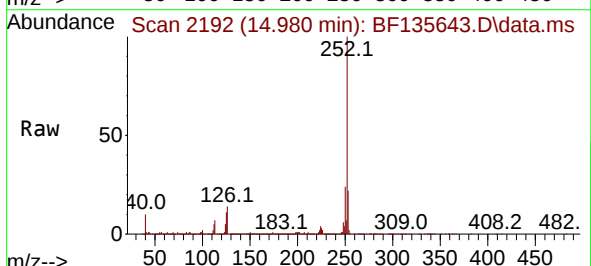
RT: 14.980 min Scan# 2192

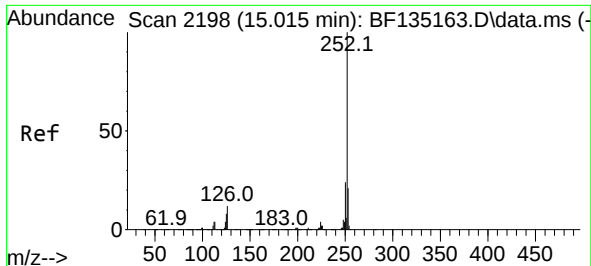
Delta R.T. 0.018 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

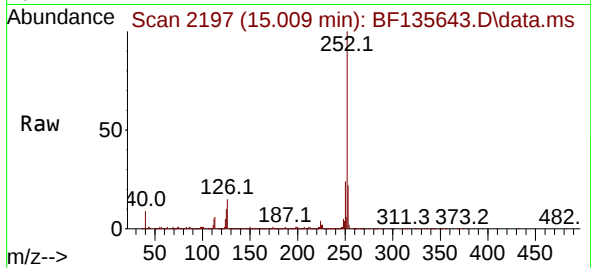
Tgt Ion:252 Resp: 507993
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.2 25.8
 125 10.7 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 37.882 ng
RT: 15.009 min Scan# 2198
Delta R.T. 0.018 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

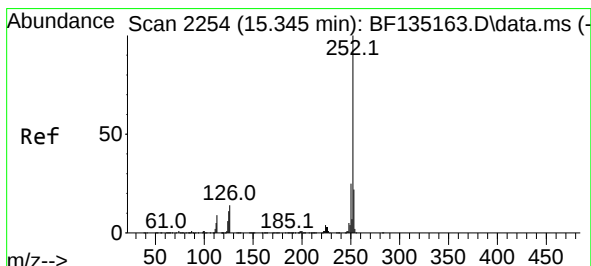
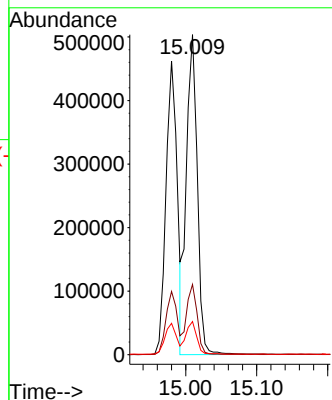
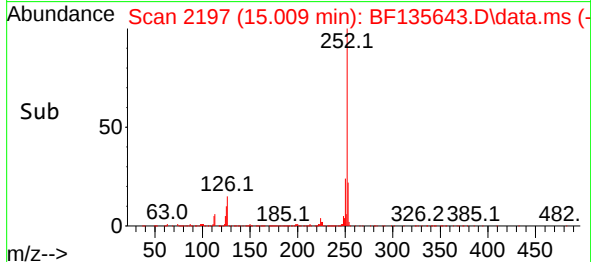
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 533369
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.4 7.2 10.8

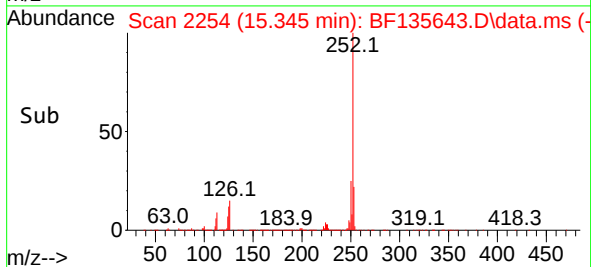
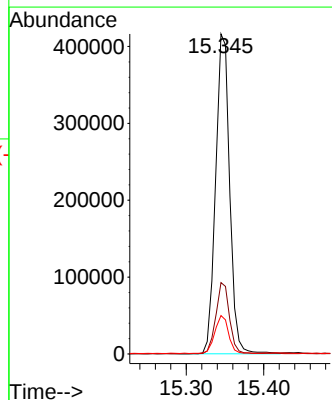
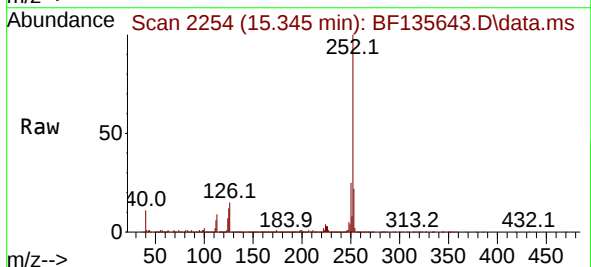
Manual Integrations
APPROVED

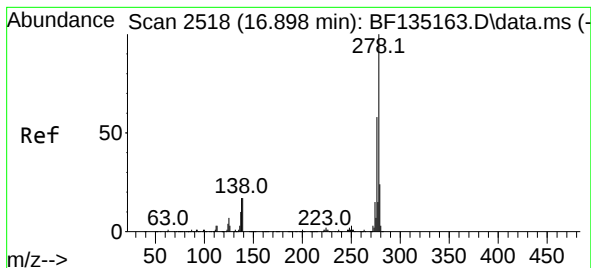
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#90
Benzo(a)pyrene
Concen: 38.677 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.018 min
Lab File: BF135643.D
Acq: 09 Oct 2023 10:16

Tgt Ion:252 Resp: 525713
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.412 ng

RT: 16.909 min Scan# 2520

Delta R.T. 0.029 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Instrument :

BNA_F

ClientSampleId :

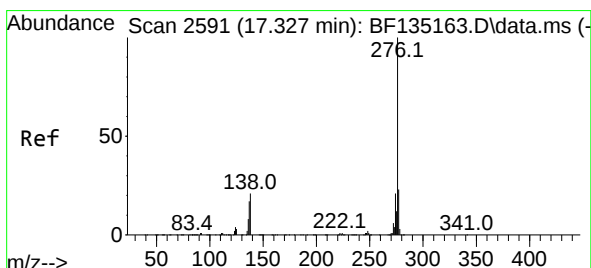
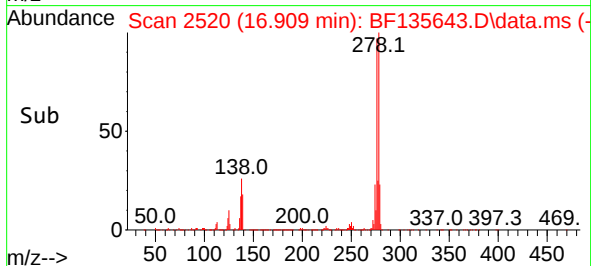
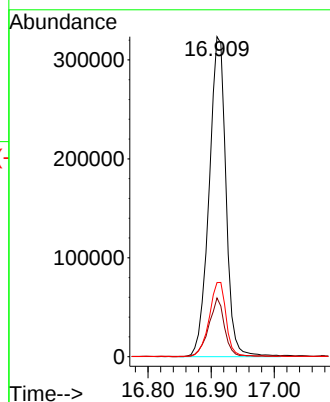
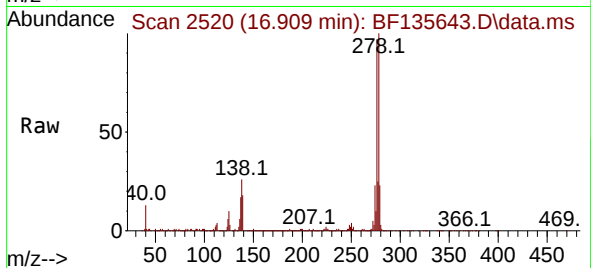
SSTDCCC040

Tgt Ion:278 Resp: 59907
 Ion Ratio Lower Upper
 278 100
 139 18.3 13.4 20.0
 279 23.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023



#92

Benzo(g,h,i)perylene

Concen: 43.635 ng

RT: 17.356 min Scan# 2596

Delta R.T. 0.041 min

Lab File: BF135643.D

Acq: 09 Oct 2023 10:16

Tgt Ion:276 Resp: 643707
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.8 28.2
 138 21.6 16.9 25.3

