

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135815.D
 Acq On : 17 Oct 2023 16:49
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 18 01:54:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	123774	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	461264	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	233630	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	465340	20.000	ng	0.00
76) Chrysene-d12	13.939	240	296650	20.000	ng	-0.01
86) Perylene-d12	15.415	264	249650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	578075	75.089	ng	0.00
7) Phenol-d6	6.398	99	730017	75.998	ng	0.00
23) Nitrobenzene-d5	7.316	82	697158	83.126	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	191492	85.416	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1213366	81.201	ng	0.00
79) Terphenyl-d14	12.869	244	1303290	81.361	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.428	88	148950	40.112	ng	99
3) Pyridine	3.181	79	324163	35.579	ng	96
4) n-Nitrosodimethylamine	3.157	42	186317	38.026	ng	96
6) Aniline	6.410	93	455016	37.641	ng	# 66
8) 2-Chlorophenol	6.534	128	322036	38.791	ng	98
9) Benzaldehyde	6.298	77	216781	39.651	ng	96
10) Phenol	6.410	94	391222	38.869	ng	99
11) bis(2-Chloroethyl)ether	6.481	93	311773	38.444	ng	97
12) 1,3-Dichlorobenzene	6.681	146	327248	38.882	ng	98
13) 1,4-Dichlorobenzene	6.757	146	327565	38.419	ng	99
14) 1,2-Dichlorobenzene	6.910	146	289167	37.667	ng	98
15) Benzyl Alcohol	6.898	79	248064	38.839	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	536659	36.589	ng	76
17) 2-Methylphenol	7.010	107	269098	37.443	ng	97
18) Hexachloroethane	7.239	117	120919	39.115	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	218548	36.797	ng	97
20) 3+4-Methylphenols	7.169	107	342249	38.199	ng	97
22) Acetophenone	7.157	105	431246	40.766	ng	99
24) Nitrobenzene	7.334	77	347745	41.314	ng	97
25) Isophorone	7.569	82	636155	40.207	ng	99
26) 2-Nitrophenol	7.645	139	170759	41.570	ng	100
27) 2,4-Dimethylphenol	7.687	122	276058	40.824	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	381192	40.455	ng	98
29) 2,4-Dichlorophenol	7.892	162	262626	41.443	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	262618	40.518	ng	100
31) Naphthalene	8.039	128	916224	40.724	ng	98
32) Benzoic acid	7.851	122	194904m	42.580	ng	
33) 4-Chloroaniline	8.104	127	421473	42.885	ng	96
34) Hexachlorobutadiene	8.151	225	163864	42.713	ng	99
35) Caprolactam	8.498	113	89926	41.510	ng	91
36) 4-Chloro-3-methylphenol	8.598	107	290630	41.355	ng	99
37) 2-Methylnaphthalene	8.734	142	617205	41.638	ng	99
38) 1-Methylnaphthalene	8.834	142	566981	41.471	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	284351	42.311	ng	99
41) Hexachlorocyclopentadiene	8.881	237	34317	43.243	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	181567	41.925	ng	100

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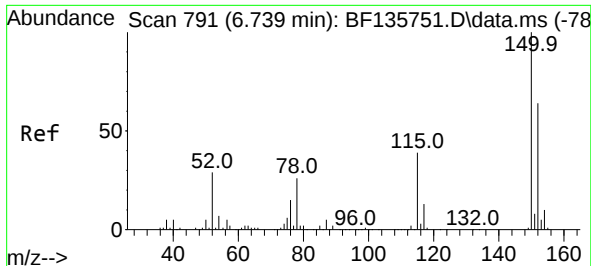
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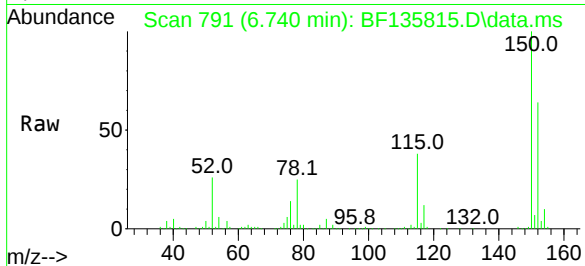
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	211842	42.057	ng	99
46) 1,1'-Biphenyl	9.198	154	755043	42.190	ng	98
47) 2-Chloronaphthalene	9.228	162	536422	41.590	ng	99
48) 2-Nitroaniline	9.339	65	225483	44.290	ng	98
49) Acenaphthylene	9.639	152	860974	40.337	ng	99
50) Dimethylphthalate	9.510	163	656807	41.645	ng	99
51) 2,6-Dinitrotoluene	9.581	165	146524	43.202	ng	99
52) Acenaphthene	9.816	154	526950	41.189	ng	99
53) 3-Nitroaniline	9.757	138	174004	41.852	ng	99
54) 2,4-Dinitrophenol	9.880	184	64397	45.486	ng	96
55) Dibenzofuran	9.986	168	793668	41.115	ng	99
56) 4-Nitrophenol	9.945	139	67339	38.415	ng	97
57) 2,4-Dinitrotoluene	9.998	165	189167	43.841	ng	95
58) Fluorene	10.333	166	628283	41.574	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	162024	42.564	ng	99
60) Diethylphthalate	10.210	149	674247	41.876	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	306526	41.967	ng	96
62) 4-Nitroaniline	10.380	138	164134	42.907	ng	97
63) Azobenzene	10.486	77	659181	42.139	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	101269	43.243	ng	99
66) n-Nitrosodiphenylamine	10.451	169	579697	40.871	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	192896	41.295	ng	96
68) Hexachlorobenzene	10.880	284	196993	41.422	ng	93
69) Atrazine	10.980	200	159297	41.291	ng	99
70) Pentachlorophenol	11.092	266	74700	39.825	ng	95
71) Phenanthrene	11.298	178	902796	40.499	ng	99
72) Anthracene	11.351	178	946516	40.975	ng	99
73) Carbazole	11.516	167	878175	40.763	ng	100
74) Di-n-butylphthalate	11.839	149	1073745	40.594	ng	100
75) Fluoranthene	12.498	202	998337	40.351	ng	98
77) Benzidine	12.627	184	270836	41.840	ng	98
78) Pyrene	12.727	202	981043	41.617	ng	99
80) Butylbenzylphthalate	13.345	149	426953	41.216	ng	97
81) Benzo(a)anthracene	13.933	228	817845	41.973	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	265549	41.092	ng	99
83) Chrysene	13.968	228	758149	40.171	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	580700	41.361	ng	# 98
85) Di-n-octyl phthalate	14.527	149	840233	37.741	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	547570	40.254	ng	98
88) Benzo(b)fluoranthene	14.986	252	586041	41.944	ng	98
89) Benzo(k)fluoranthene	15.015	252	591836	43.630	ng	97
90) Benzo(a)pyrene	15.351	252	537565	40.916	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	452923	40.616	ng	99
92) Benzo(g,h,i)perylene	17.374	276	467243	40.791	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

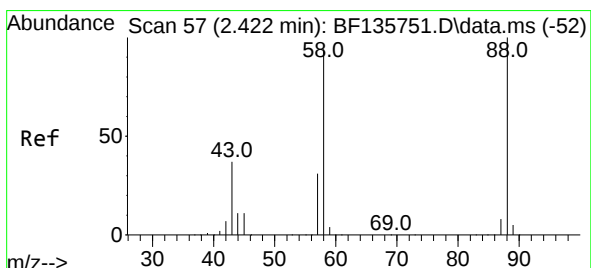
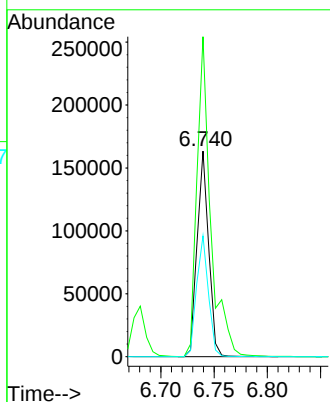
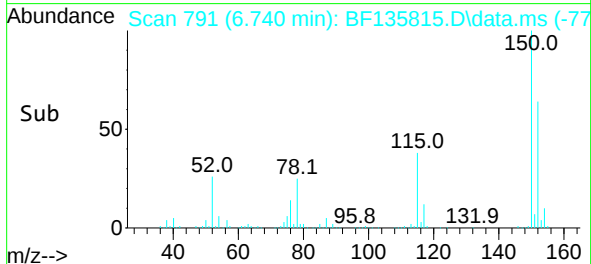
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 123774
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 58.8 49.0 73.4

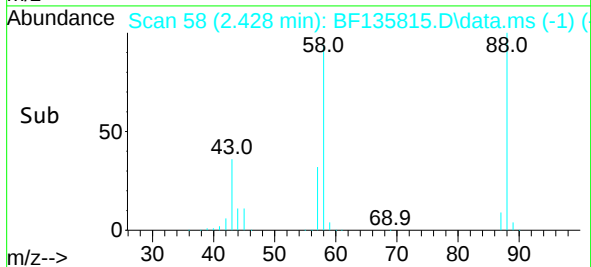
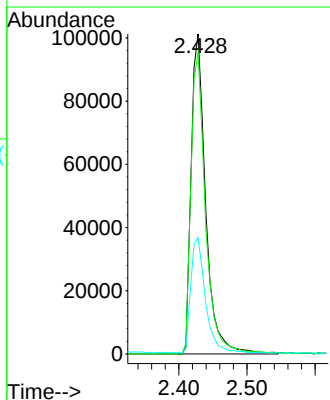
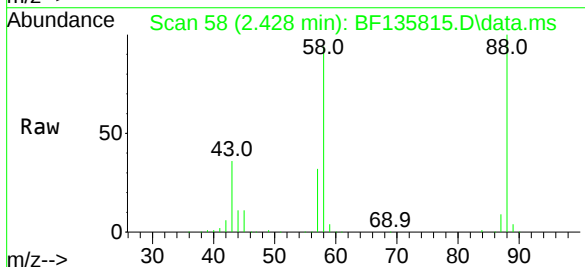
Manual Integrations
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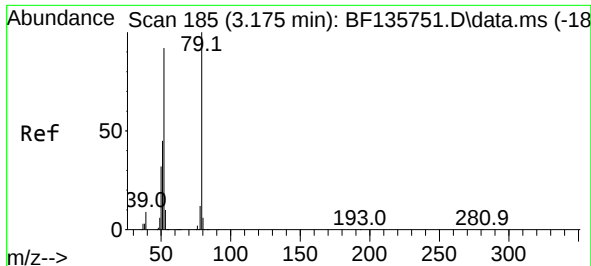
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#2
1,4-Dioxane
Concen: 40.112 ng
RT: 2.428 min Scan# 58
Delta R.T. -0.012 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion: 88 Resp: 148950
Ion Ratio Lower Upper
88 100
58 94.9 76.1 114.1
43 36.0 29.8 44.8





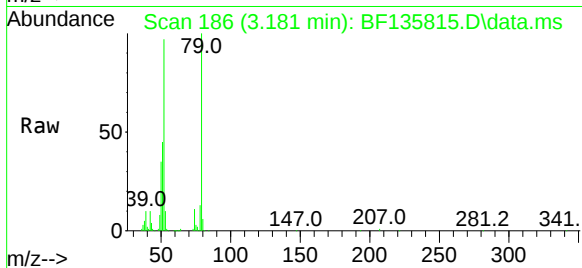
#3
Pyridine
Concen: 35.579 ng
RT: 3.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



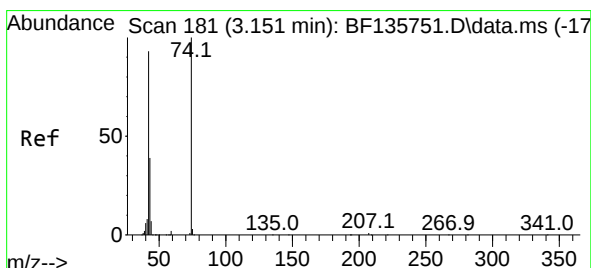
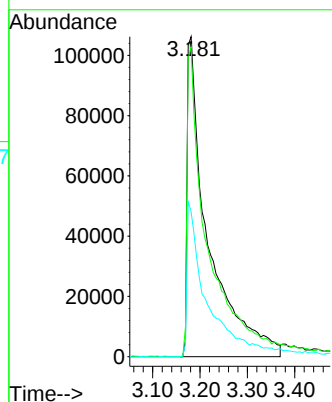
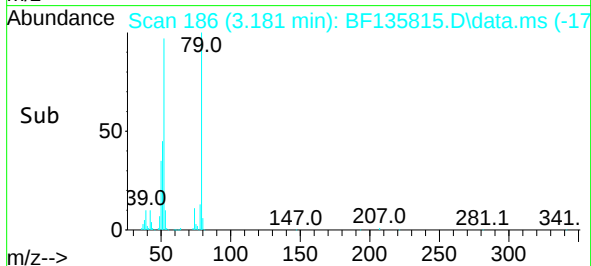
Tgt Ion: 79 Resp: 32416
Ion Ratio Lower Upper
79 100
52 96.9 73.4 110.2
51 45.3 36.5 54.7

Manual Integrations

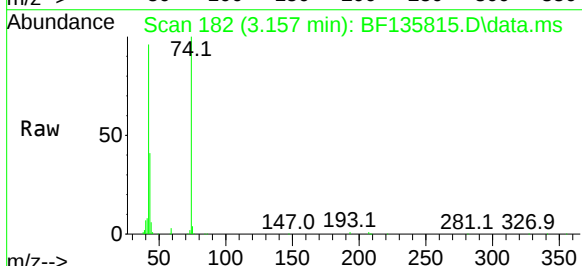
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Reviewed By :Yogesh Patel 10/18/2023

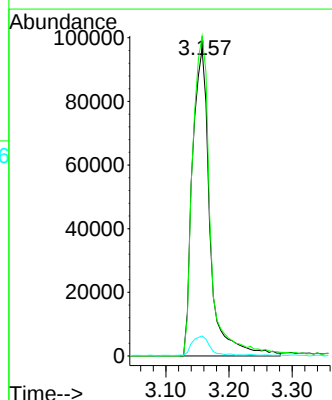
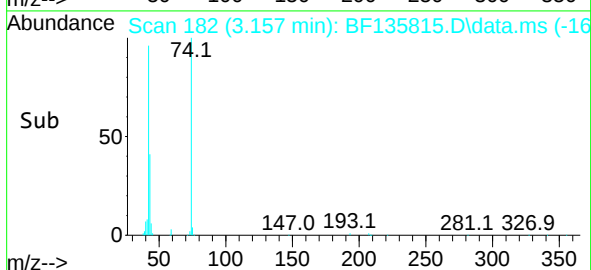
Supervised By :mohammad ahmed 10/18/2023

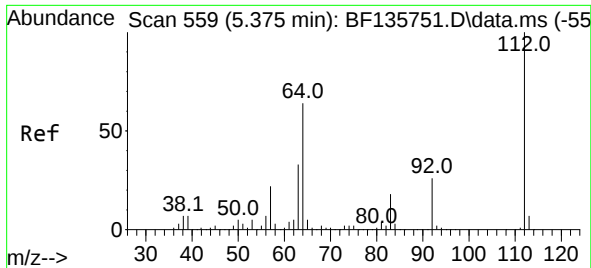


#4
n-Nitrosodimethylamine
Concen: 38.026 ng
RT: 3.157 min Scan# 182
Delta R.T. -0.012 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion: 42 Resp: 186317
Ion Ratio Lower Upper
42 100
74 104.3 86.5 129.7
44 6.5 5.9 8.9





#5
2-Fluorophenol
Concen: 75.089 ng
RT: 5.375 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

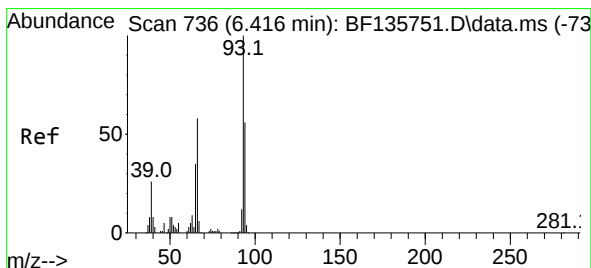
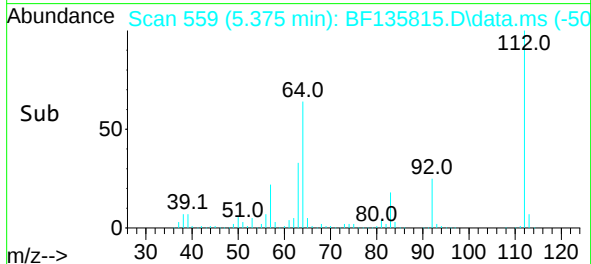
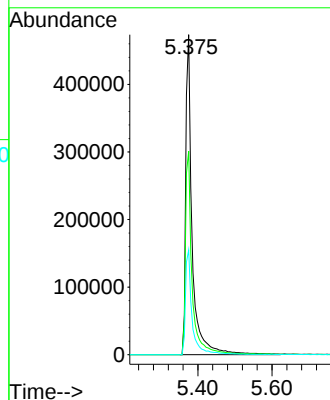
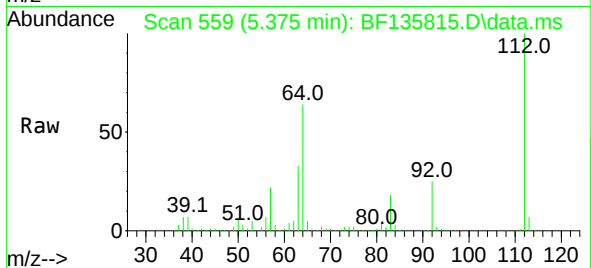
SSTDCCC040

Tgt Ion:112 Resp: 578075
Ion Ratio Lower Upper
112 100
64 63.6 51.2 76.8
63 32.7 26.1 39.1

Manual Integrations

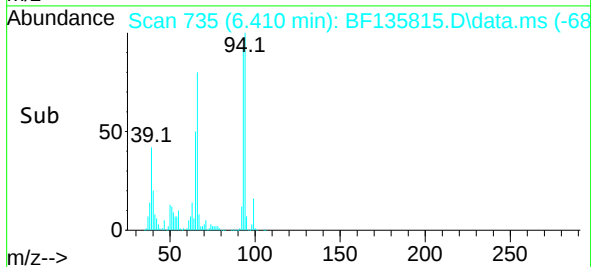
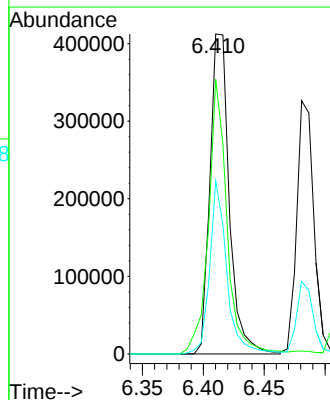
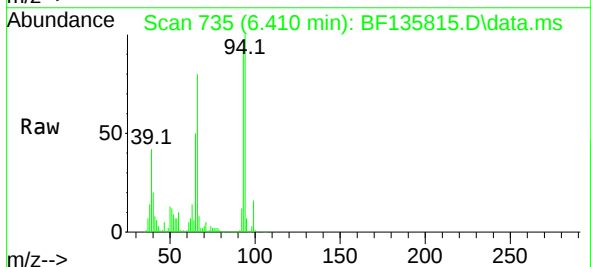
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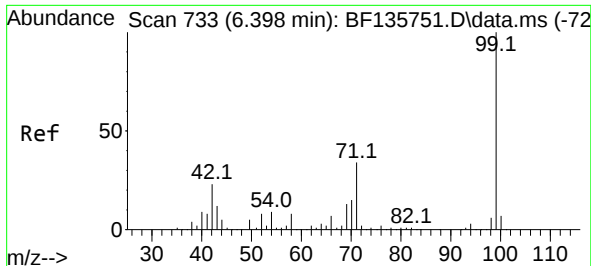
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#6
Aniline
Concen: 37.641 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

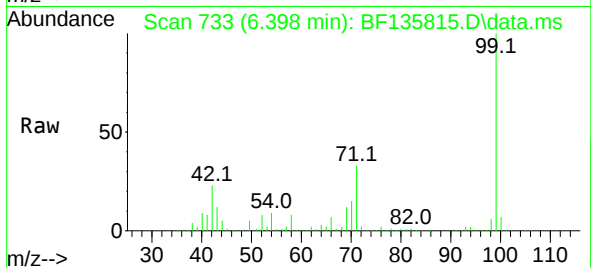
Tgt Ion: 93 Resp: 455016
Ion Ratio Lower Upper
93 100
66 85.8 47.6 71.4#
65 54.1 28.5 42.7#





#7
Phenol-d6
Concen: 75.998 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

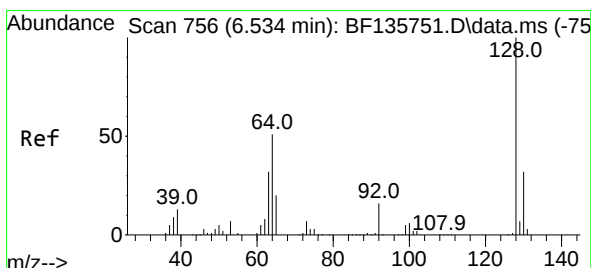
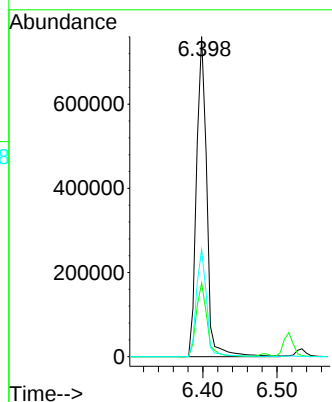
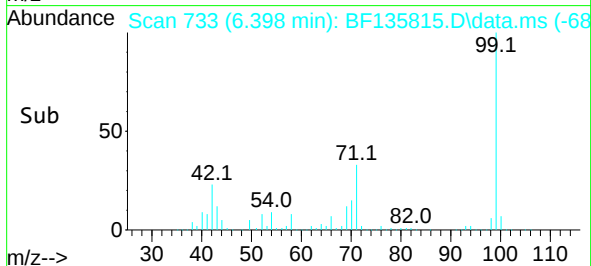
Instrument :
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SSTDCCC040



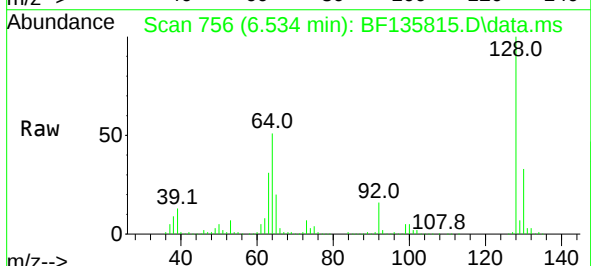
Tgt Ion: 99 Resp: 73001
Ion Ratio Lower Upper
99 100
42 23.0 18.4 27.6
71 33.5 27.2 40.8

Manual Integrations
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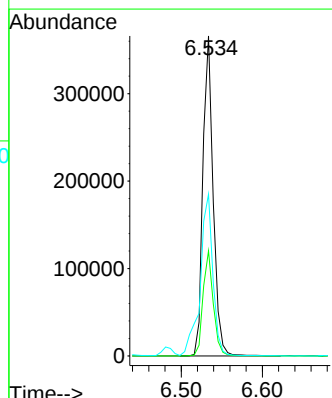
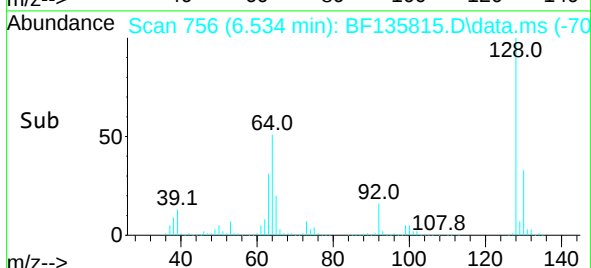
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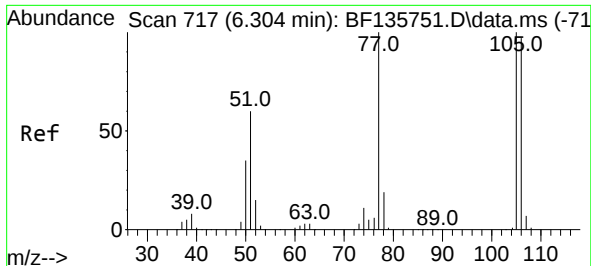


#8
2-Chlorophenol
Concen: 38.791 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:128 Resp: 322036
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 50.6 32.3 72.3





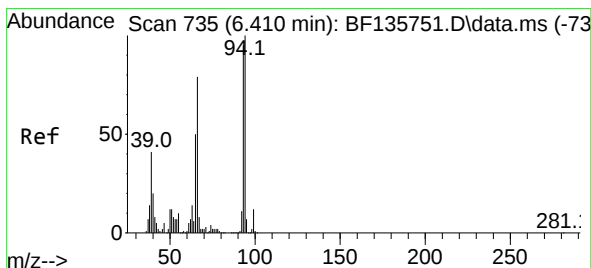
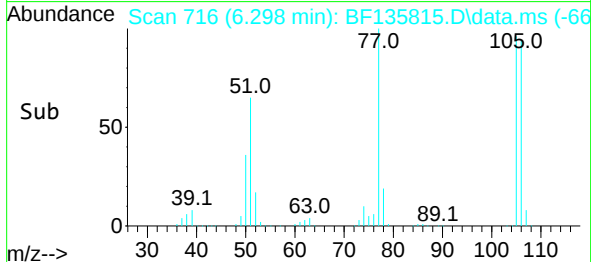
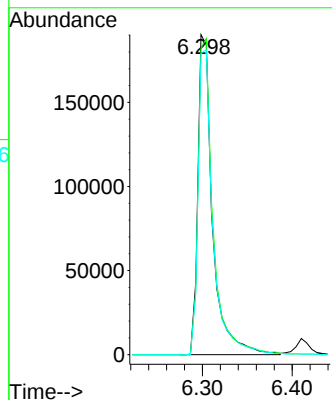
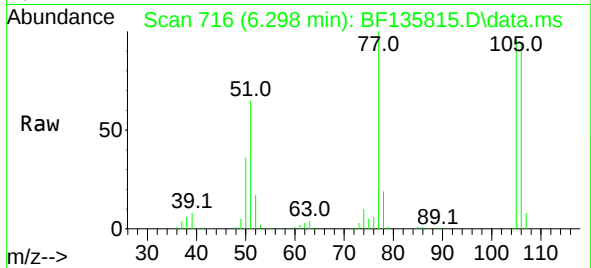
#9
Benzaldehyde
Concen: 39.651 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 21678
Ion Ratio Lower Upper
77 100
105 95.8 79.9 119.9
106 94.1 77.1 117.1

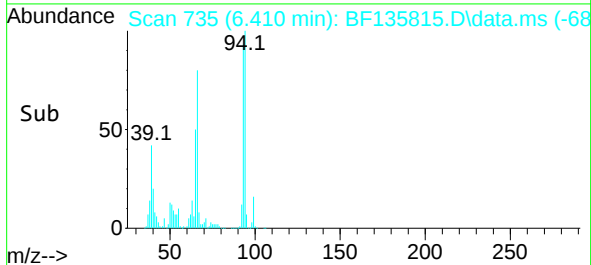
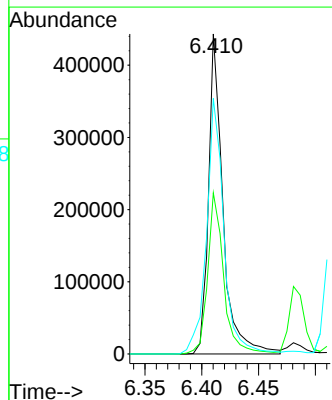
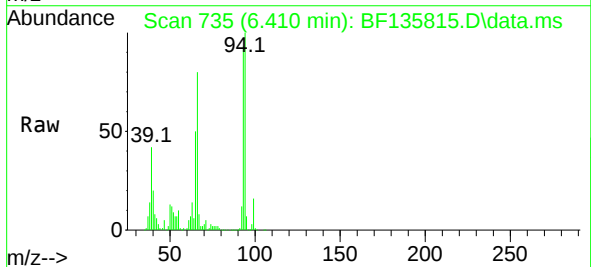
Manual Integrations
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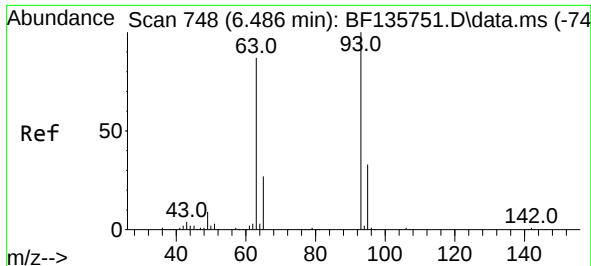
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#10
Phenol
Concen: 38.869 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion: 94 Resp: 391222
Ion Ratio Lower Upper
94 100
65 50.4 30.3 70.3
66 79.9 59.1 99.1





#11
bis(2-Chloroethyl)ether
Concen: 38.444 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

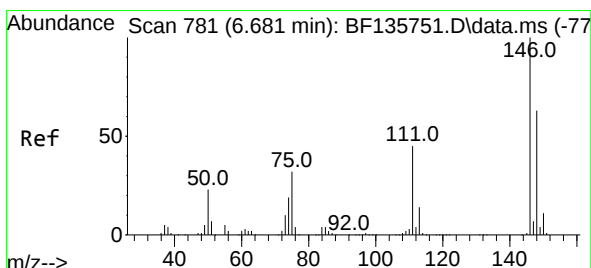
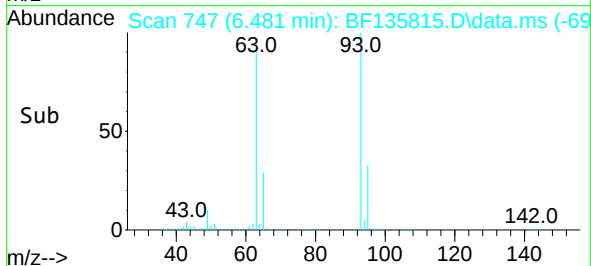
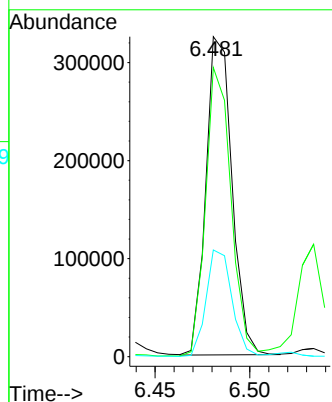
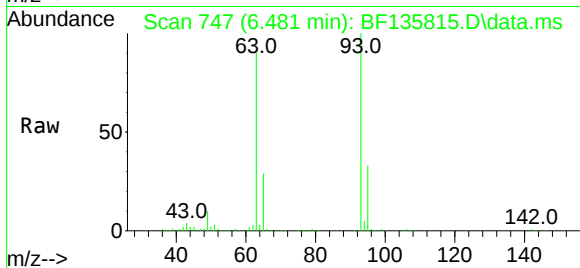
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 31177
Ion Ratio Lower Upper
93 100
63 90.3 66.3 106.3
95 33.3 12.8 52.8

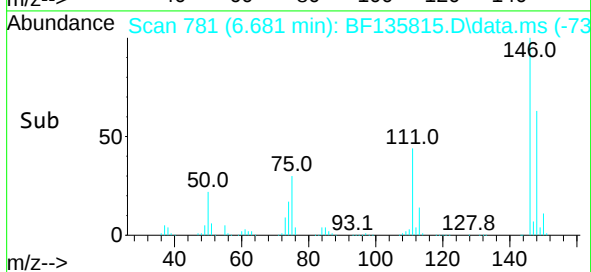
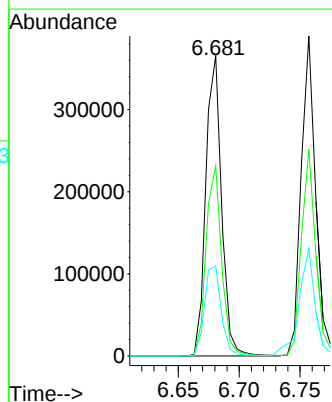
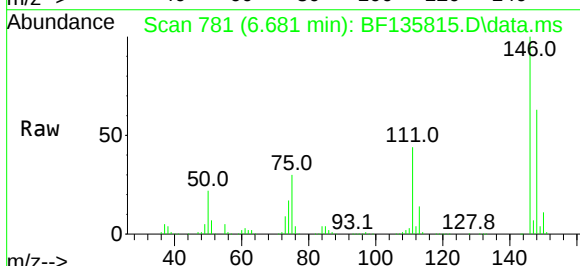
Manual Integrations
APPROVED

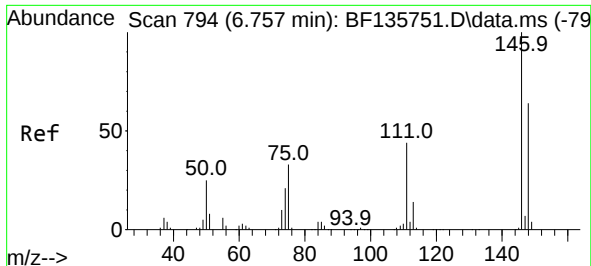
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#12
1,3-Dichlorobenzene
Concen: 38.882 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:146 Resp: 327248
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.4
75 30.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.419 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 32756

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

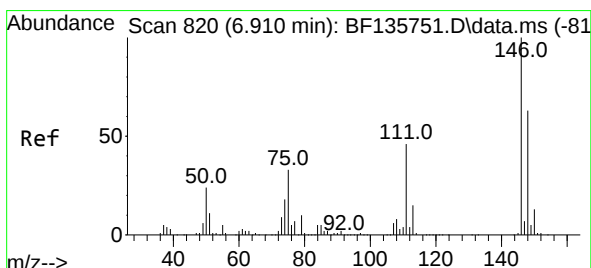
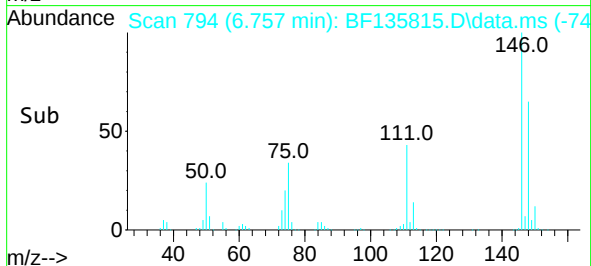
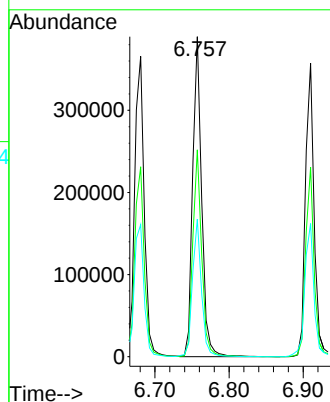
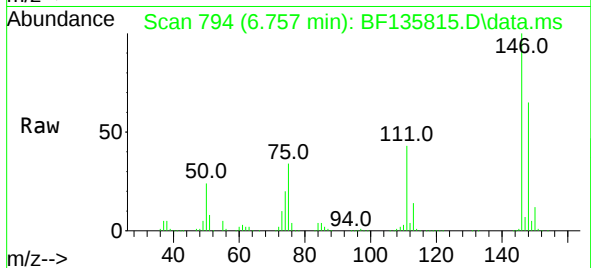
111 43.0 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#14

1,2-Dichlorobenzene

Concen: 37.667 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

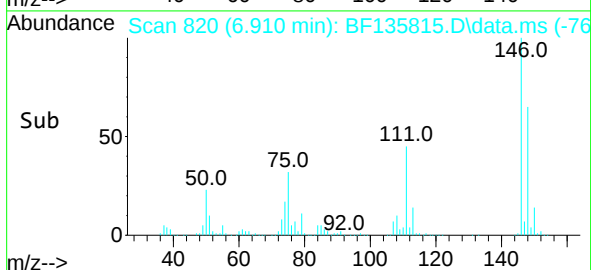
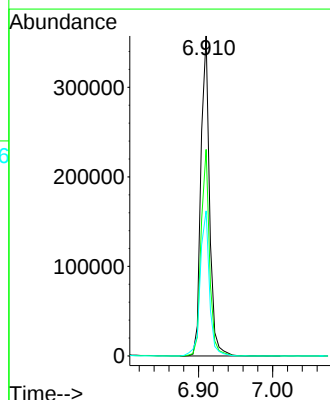
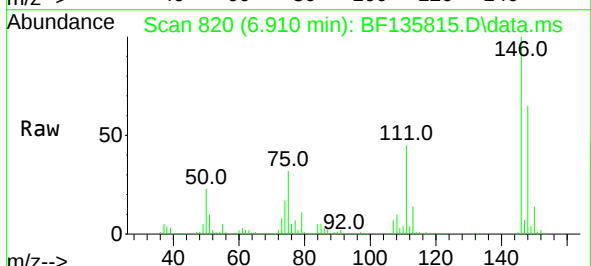
Tgt Ion:146 Resp: 289167

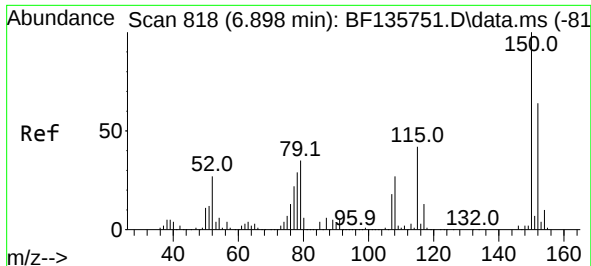
Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.2

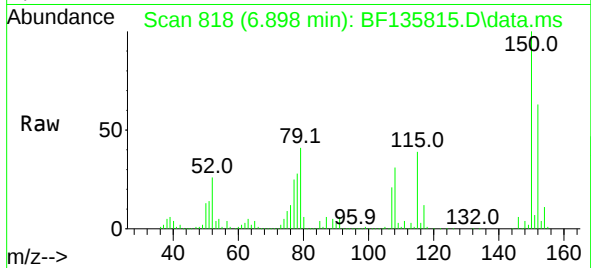
111 45.3 37.1 55.7





#15
Benzyl Alcohol
Concen: 38.839 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

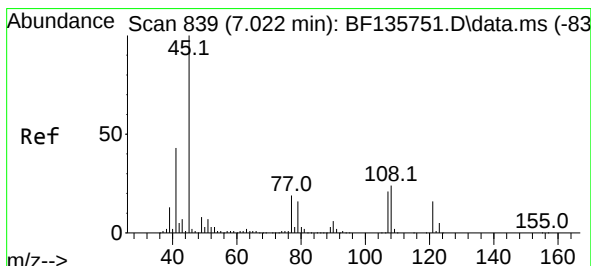
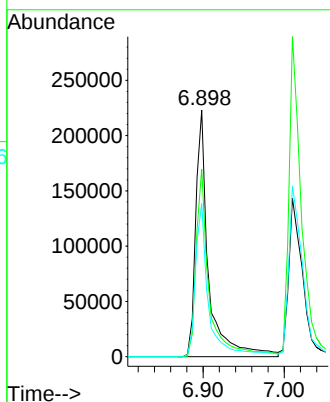
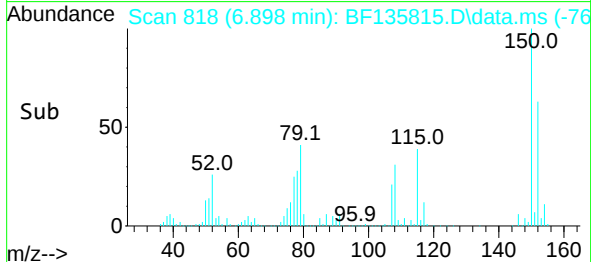
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 248064
Ion Ratio Lower Upper
79 100
108 76.1 62.0 93.0
77 62.1 50.5 75.7

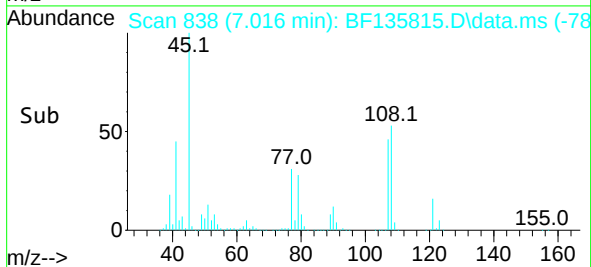
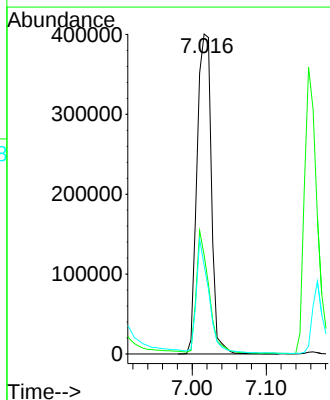
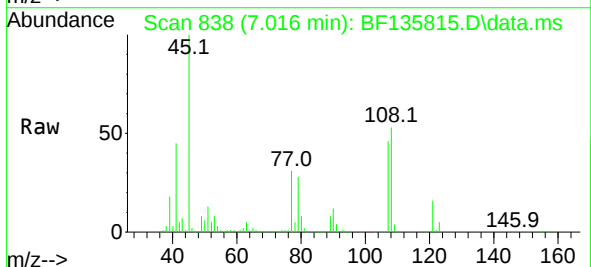
Manual Integrations
APPROVED

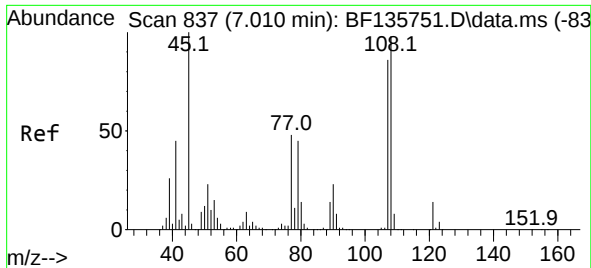
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.589 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion: 45 Resp: 536659
Ion Ratio Lower Upper
45 100
77 30.9 0.0 39.8
79 27.7 0.0 37.6





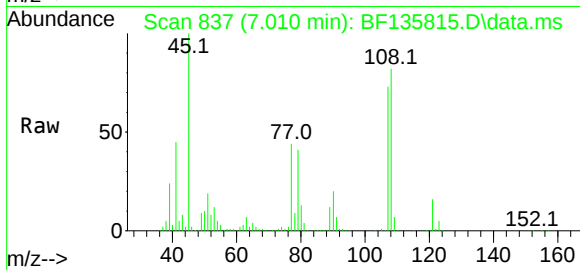
#17
2-Methylphenol
Concen: 37.443 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

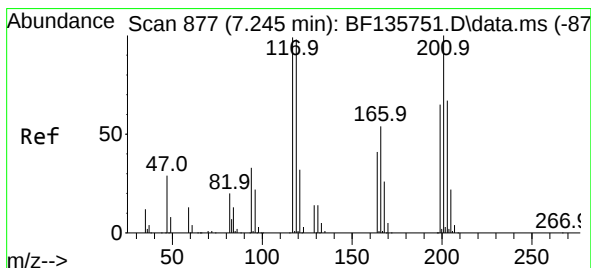
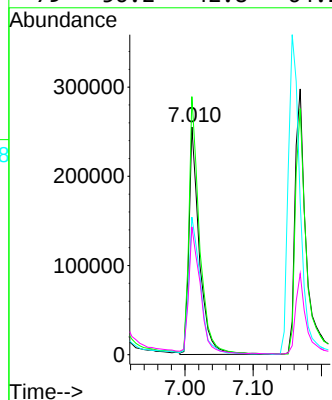


Tgt Ion:107 Resp: 269098
Ion Ratio Lower Upper
107 100
108 113.4 91.8 137.6
77 60.4 45.4 68.0
79 56.2 42.8 64.2

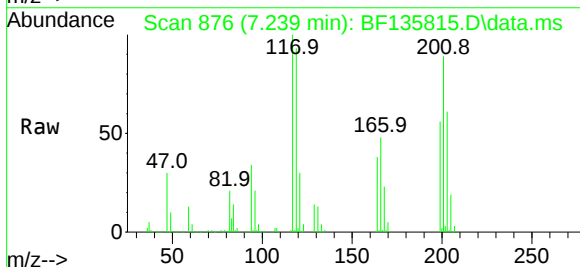
Manual Integrations

APPROVED

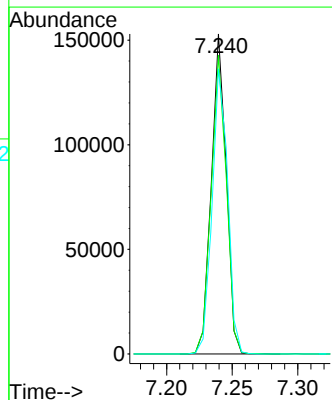
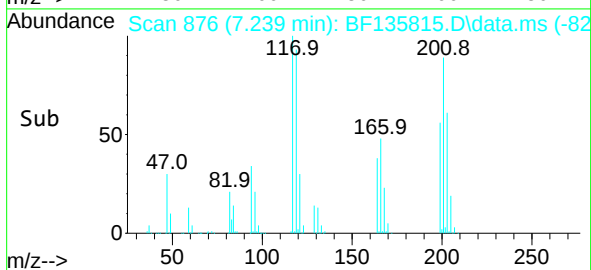
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

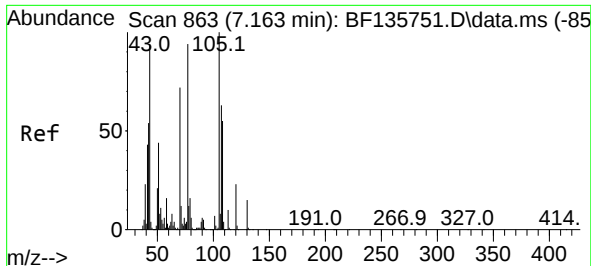


#18
Hexachloroethane
Concen: 39.115 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



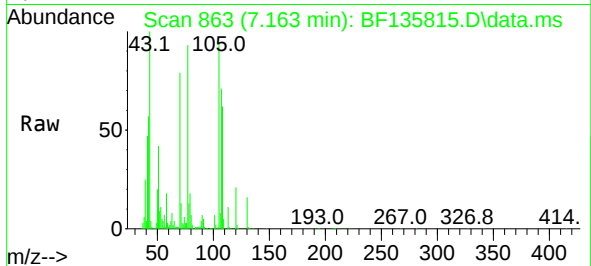
Tgt Ion:117 Resp: 120919
Ion Ratio Lower Upper
117 100
119 93.3 79.5 119.3
201 89.1 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 36.797 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

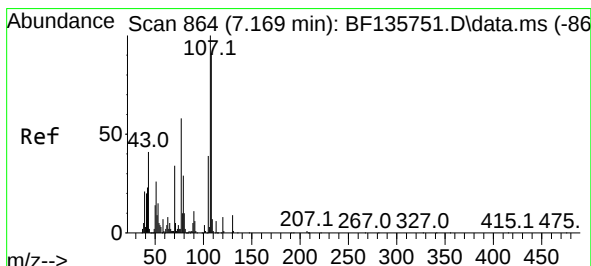
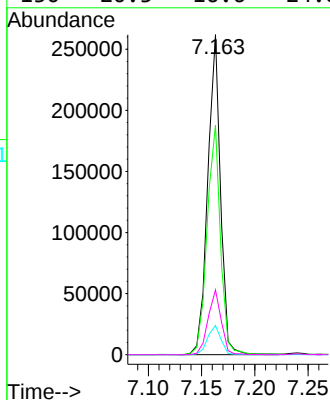
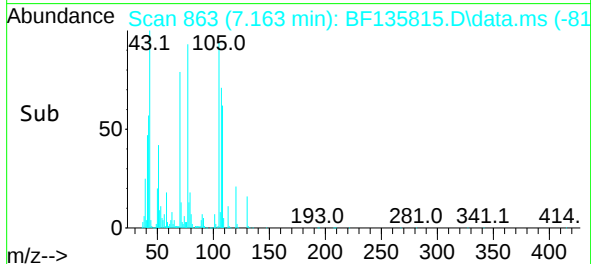
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 218548
Ion Ratio Lower Upper
70 100
42 71.7 59.8 89.6
101 9.1 7.4 11.2
130 20.3 16.6 24.8

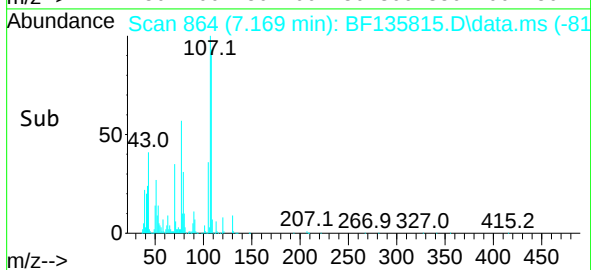
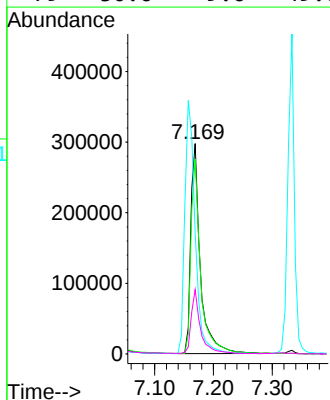
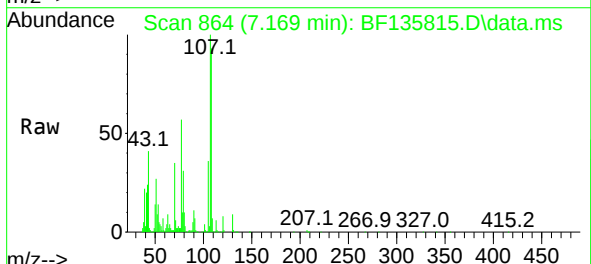
Manual Integrations
APPROVED

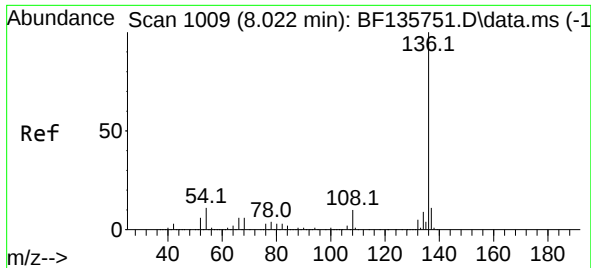
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#20
3+4-Methylphenols
Concen: 38.199 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:107 Resp: 342249
Ion Ratio Lower Upper
107 100
108 92.6 71.1 111.1
77 57.4 42.0 82.0
79 30.6 9.6 49.6





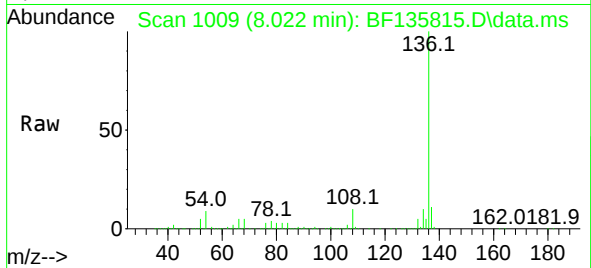
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

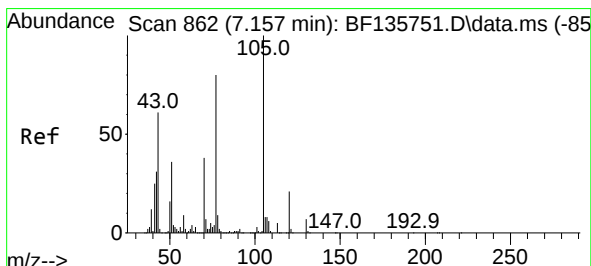
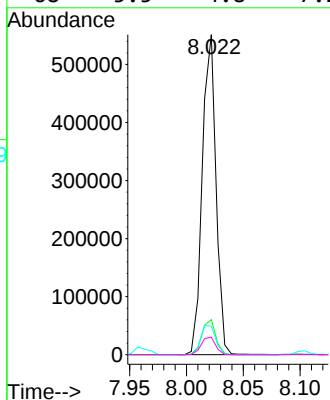
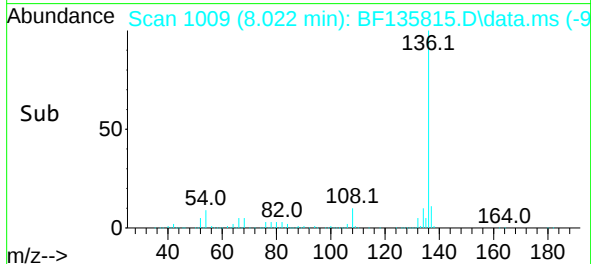


Tgt Ion:136 Resp: 461264
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.0 8.5 12.7
68 5.5 4.8 7.2

Manual Integrations

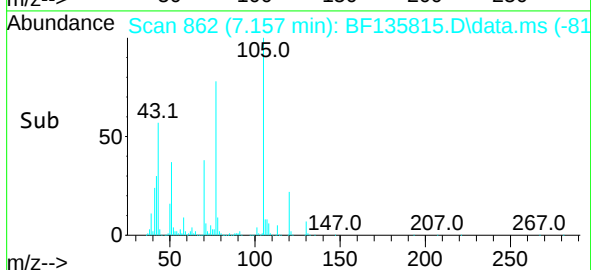
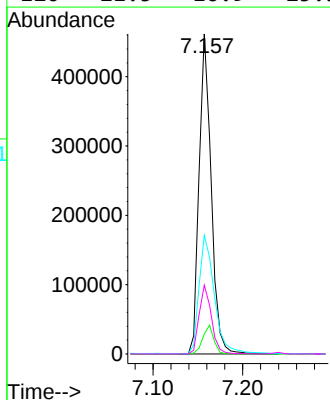
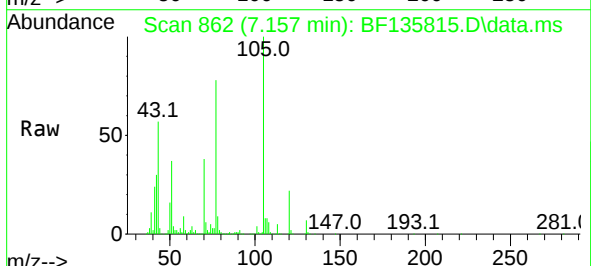
APPROVED

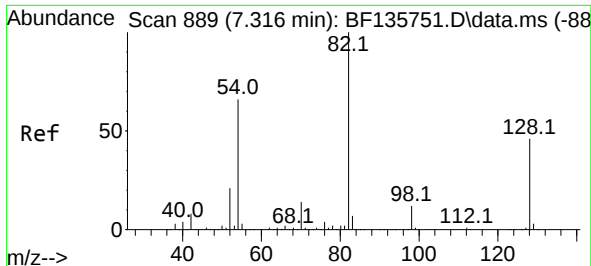
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#22
Acetophenone
Concen: 40.766 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:105 Resp: 431246
Ion Ratio Lower Upper
105 100
71 6.3 5.4 8.0
51 37.1 29.4 44.0
120 21.5 16.9 25.3





#23

Nitrobenzene-d5

Concen: 83.126 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

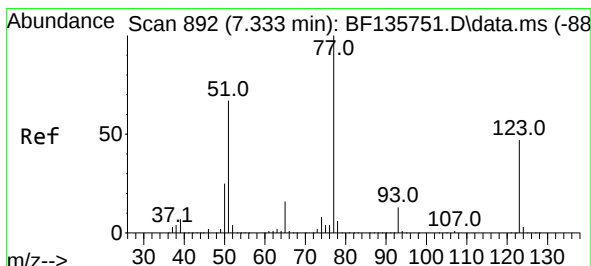
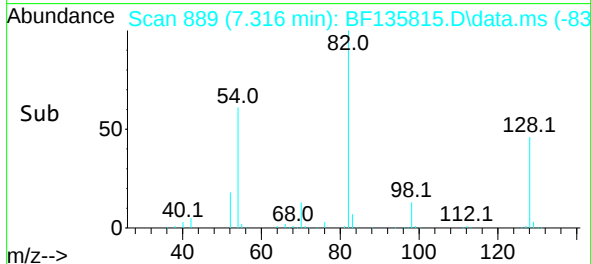
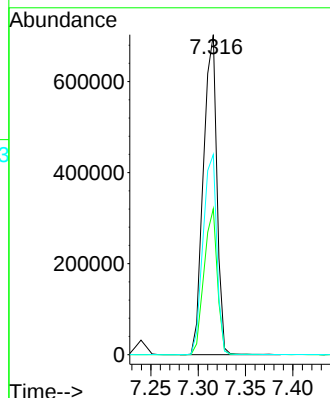
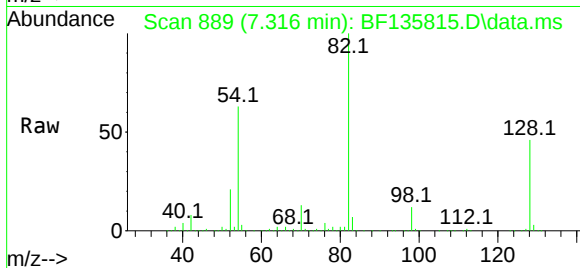
SSTDCCC040

Tgt Ion: 82 Resp: 697158
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.0 55.6
 54 62.6 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023



#24

Nitrobenzene

Concen: 41.314 ng

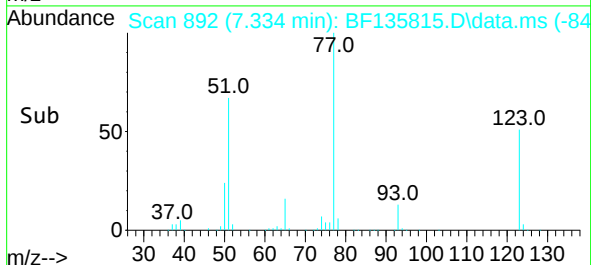
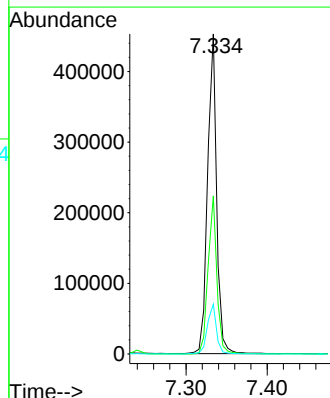
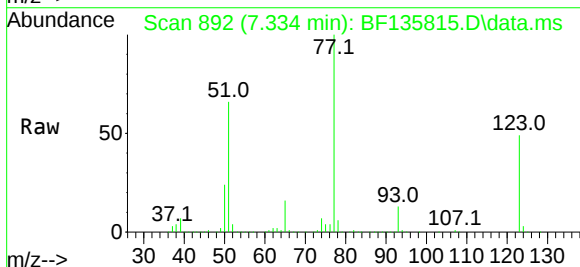
RT: 7.334 min Scan# 892

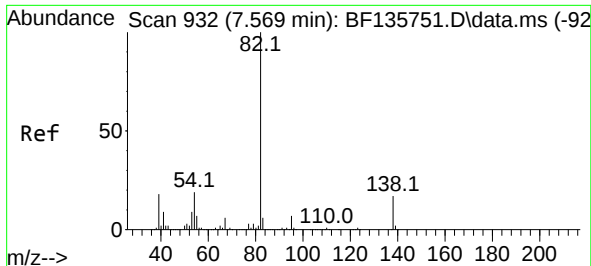
Delta R.T. -0.000 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

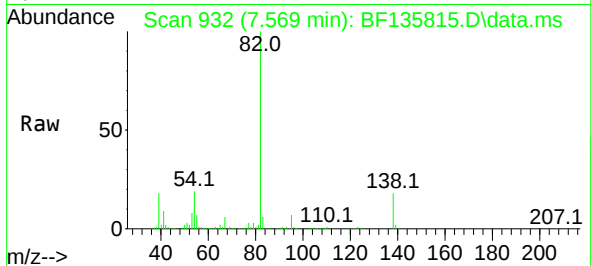
Tgt Ion: 77 Resp: 347745
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.3 55.9
 65 15.6 12.6 18.8





#25
Isophorone
Concen: 40.207 ng
RT: 7.569 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

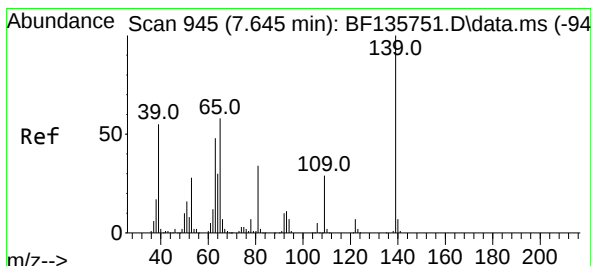
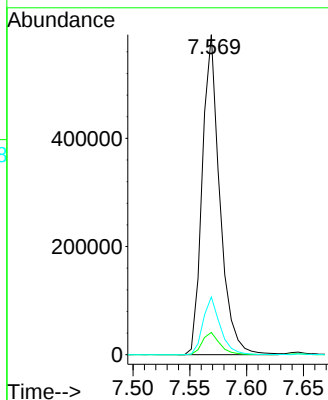
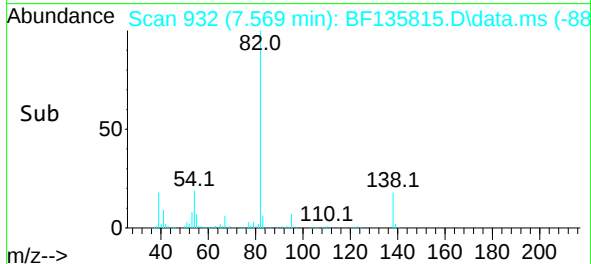
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



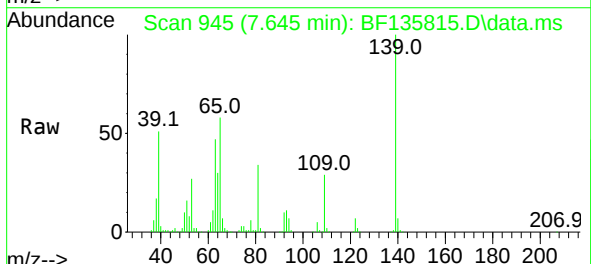
Tgt Ion: 82 Resp: 63615
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.1 13.9 20.9

Manual Integrations
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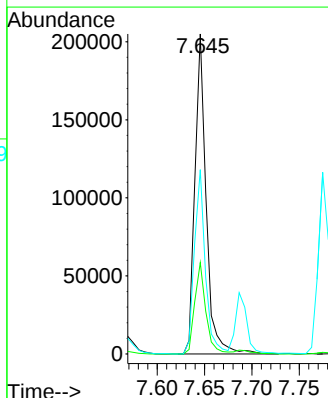
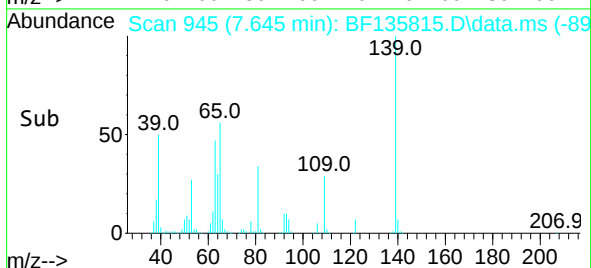
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

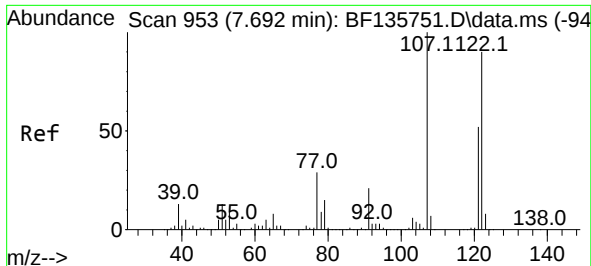


#26
2-Nitrophenol
Concen: 41.570 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:139 Resp: 170759
Ion Ratio Lower Upper
139 100
109 28.5 23.0 34.4
65 57.6 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 40.824 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135815.D

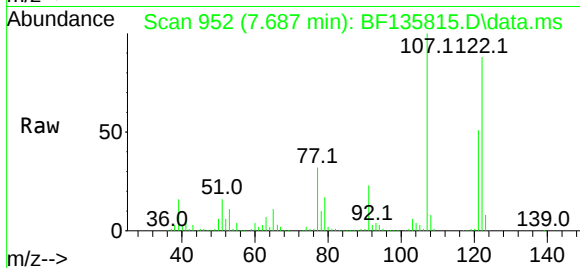
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 276058

Ion Ratio Lower Upper

122 100

107 114.2 88.2 132.4

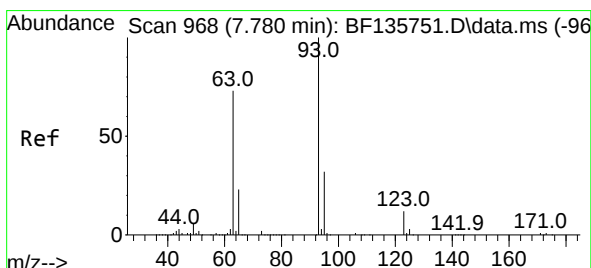
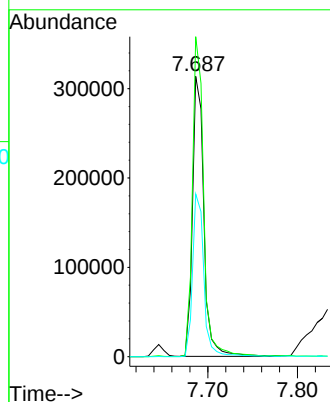
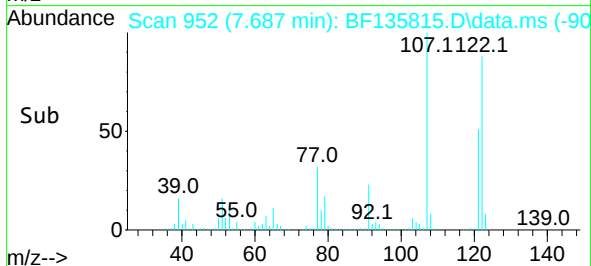
121 58.1 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.455 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

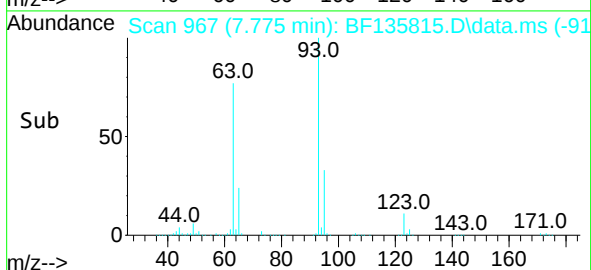
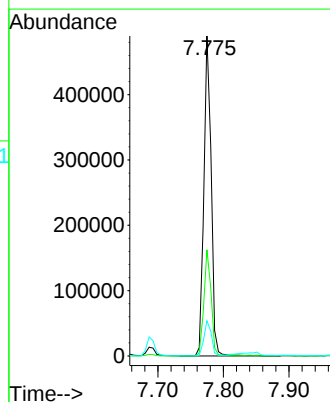
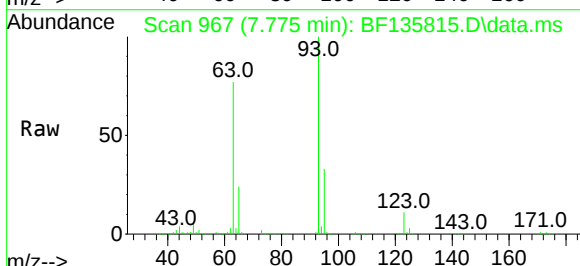
Tgt Ion: 93 Resp: 381192

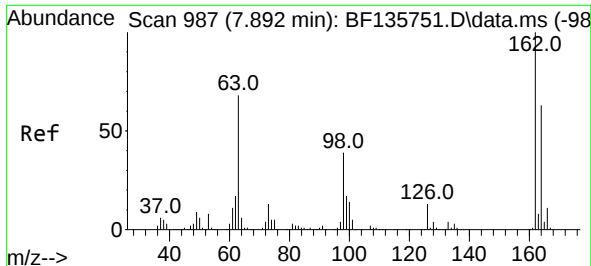
Ion Ratio Lower Upper

93 100

95 33.2 25.7 38.5

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.443 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135815.D

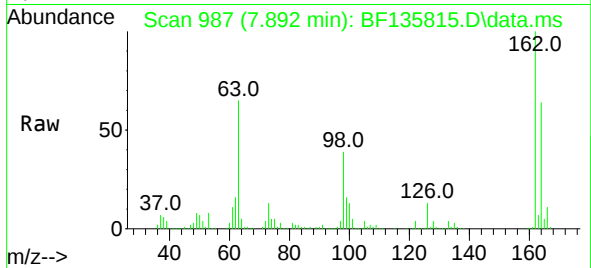
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 262620

Ion Ratio Lower Upper

162 100

164 63.7 43.4 83.4

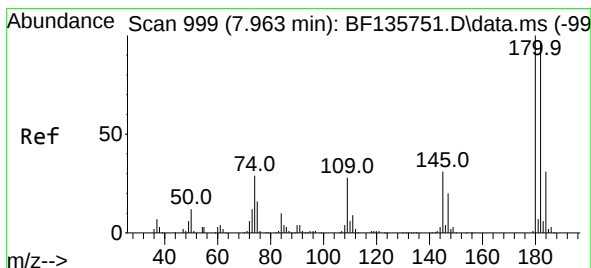
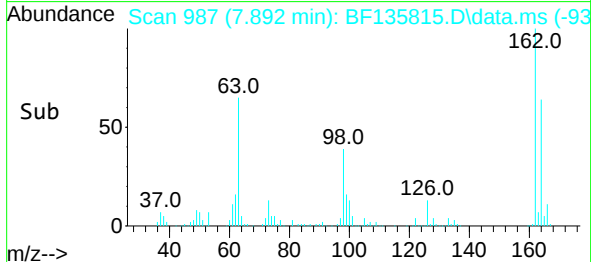
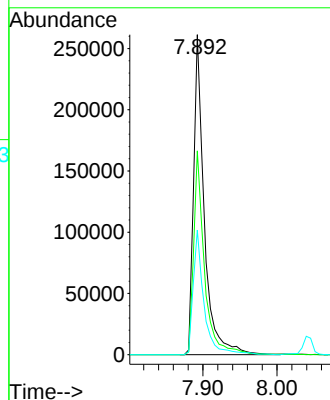
98 38.9 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.518 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

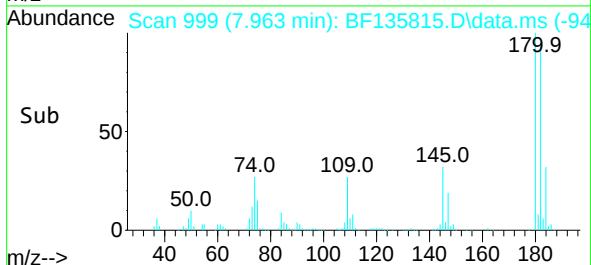
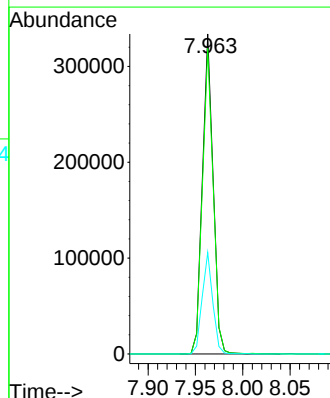
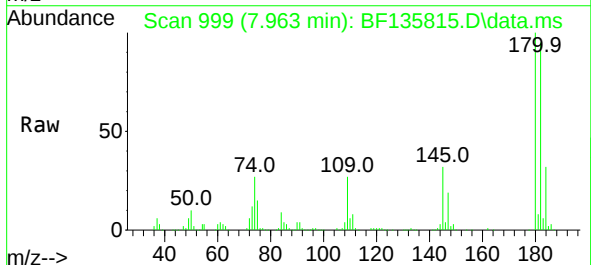
Tgt Ion:180 Resp: 262618

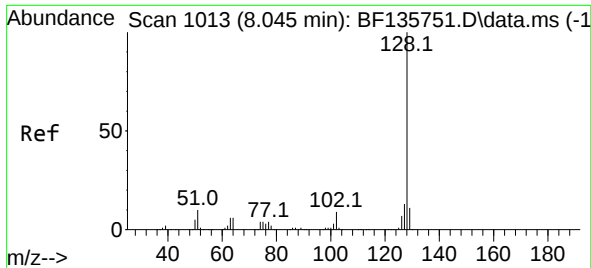
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

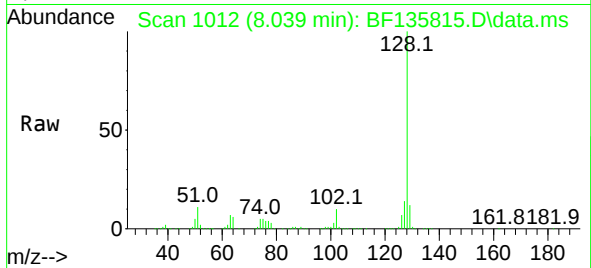
145 31.7 25.0 37.6





#31
Naphthalene
Concen: 40.724 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

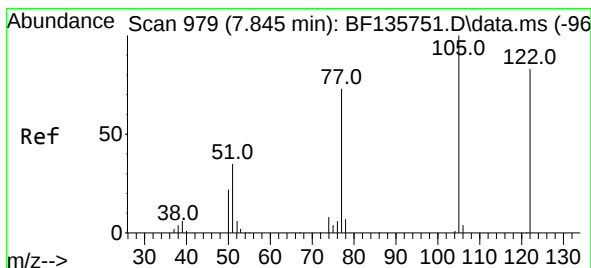
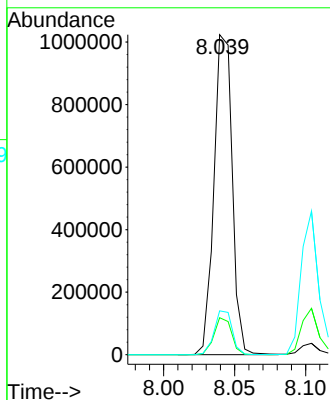
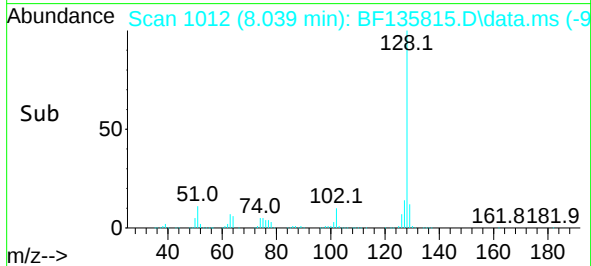
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 916224
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.7 10.2 15.4

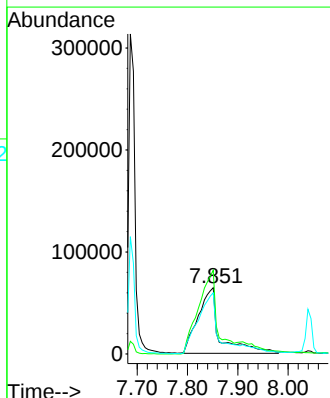
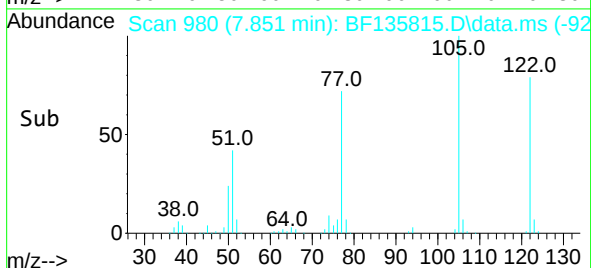
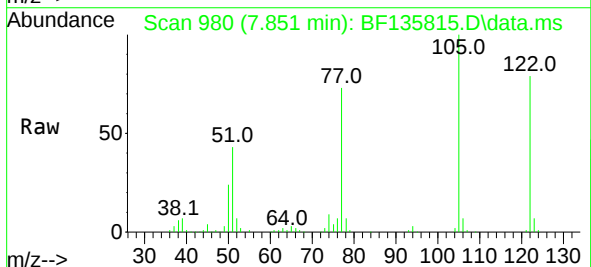
Manual Integrations
APPROVED

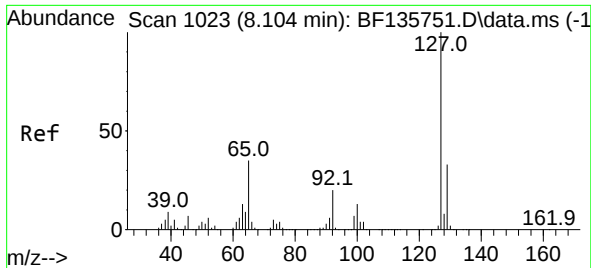
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#32
Benzoic acid
Concen: 42.580 ng m
RT: 7.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:122 Resp: 194904
Ion Ratio Lower Upper
122 100
105 126.1 98.7 138.7
77 92.2 67.8 107.8





#33
4-Chloroaniline
Concen: 42.885 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

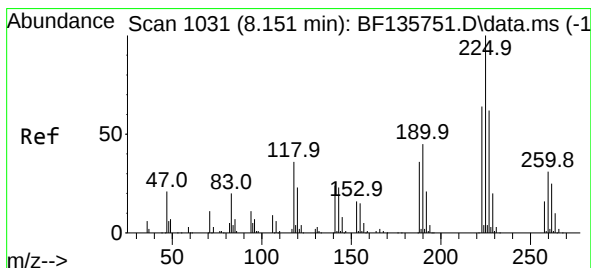
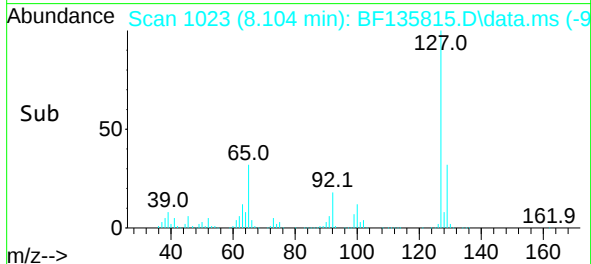
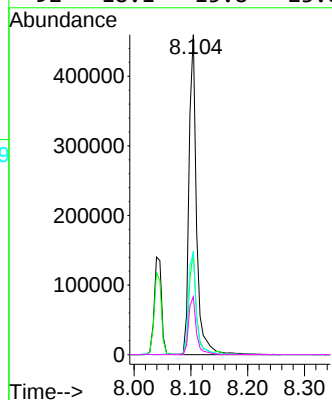
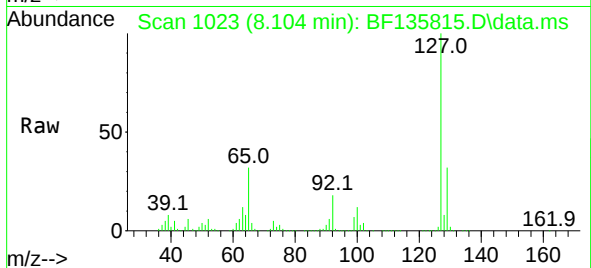
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 42147
Ion Ratio Lower Upper
127 100
129 32.3 26.5 39.7
65 31.8 27.9 41.9
92 18.1 15.8 23.8

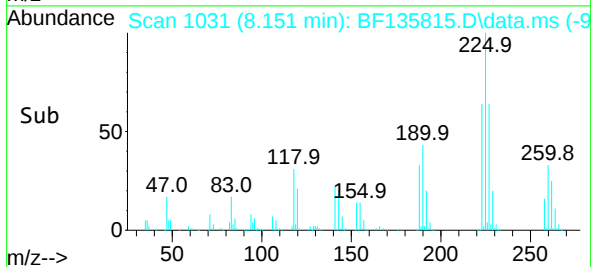
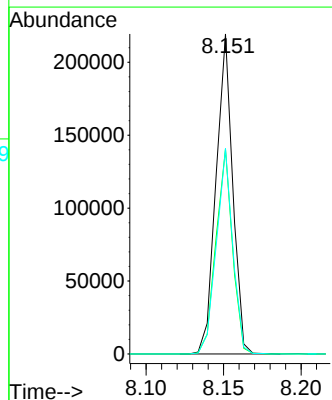
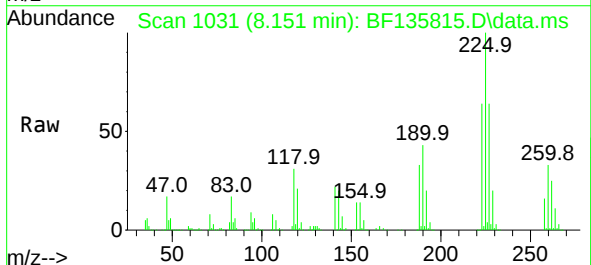
Manual Integrations
APPROVED

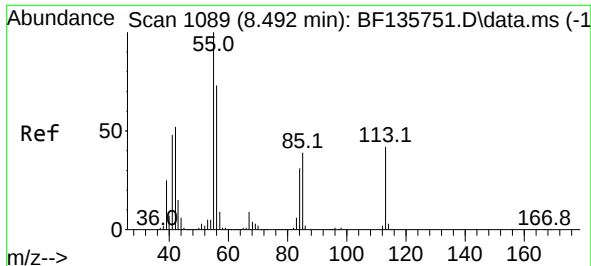
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Hexachlorobutadiene
Concen: 42.713 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:225 Resp: 163864
Ion Ratio Lower Upper
225 100
223 64.1 51.1 76.7
227 64.2 49.7 74.5





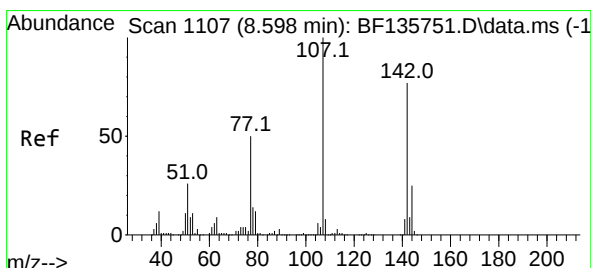
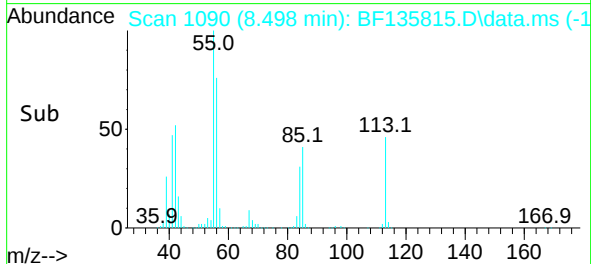
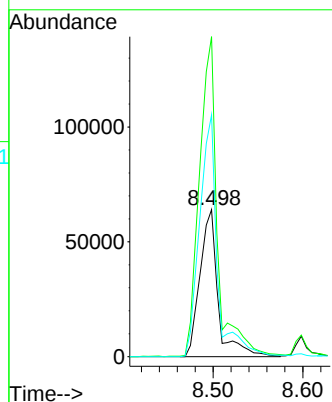
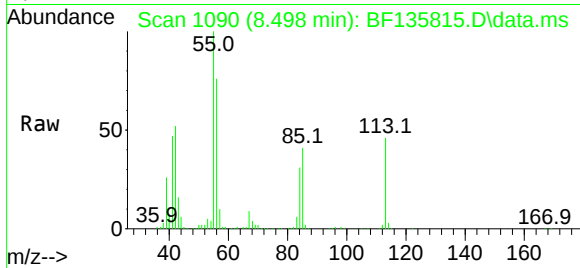
#35
 Caprolactam
 Concen: 41.510 ng
 RT: 8.498 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: BF135815.D
 Acq: 17 Oct 2023 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 89920
 Ion Ratio Lower Upper
 113 100
 55 217.6 217.4 257.4
 56 164.5 153.1 193.1

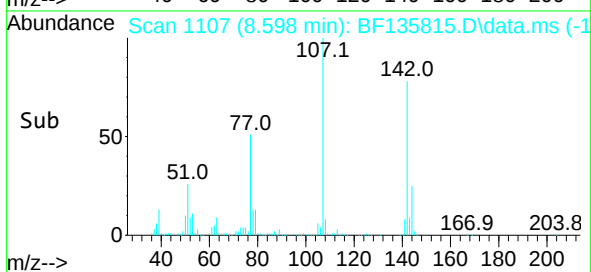
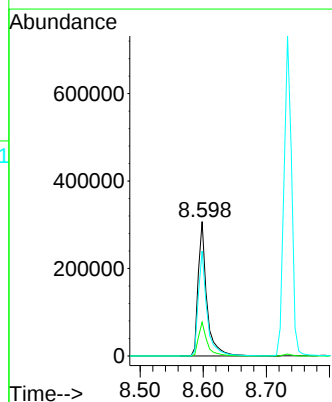
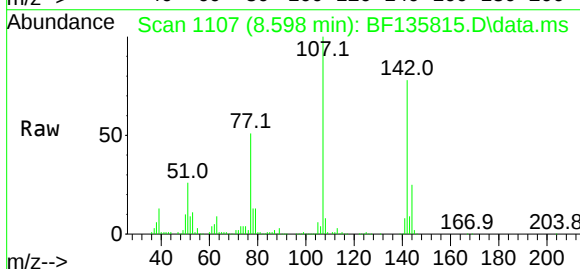
Manual Integrations
 APPROVED

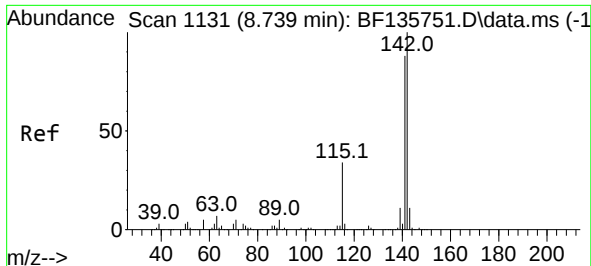
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.355 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135815.D
 Acq: 17 Oct 2023 16:49

Tgt Ion:107 Resp: 290630
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.8
 142 78.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.638 ng

RT: 8.734 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 61720

Ion Ratio Lower Upper

142 100

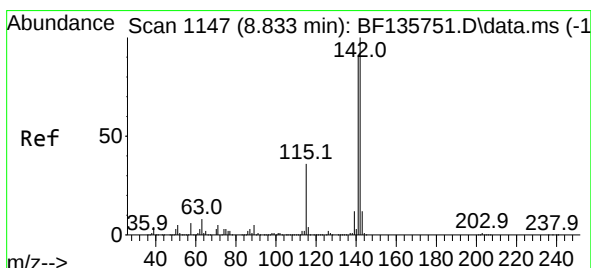
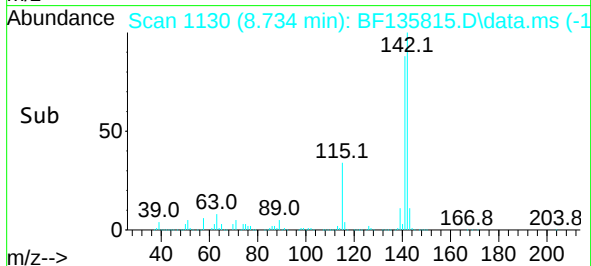
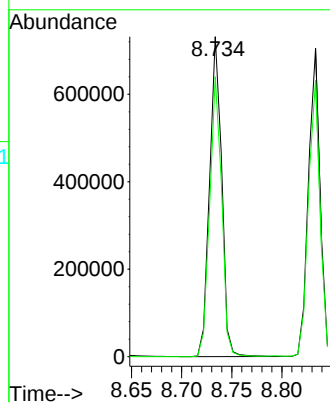
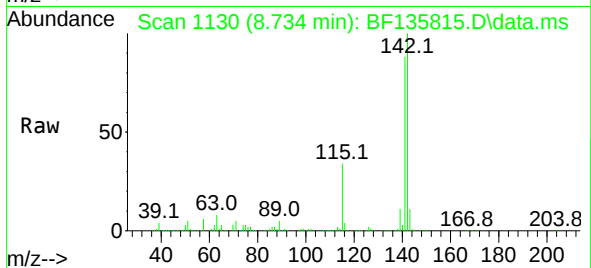
141 87.5 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#38

1-Methylnaphthalene

Concen: 41.471 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135815.D

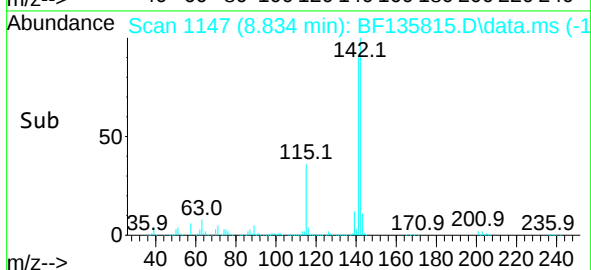
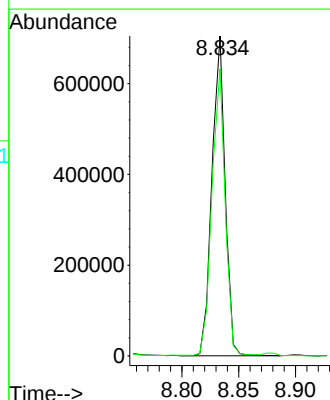
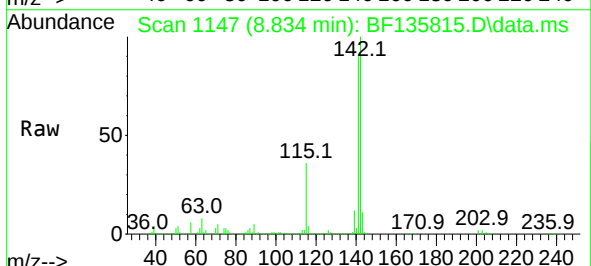
Acq: 17 Oct 2023 16:49

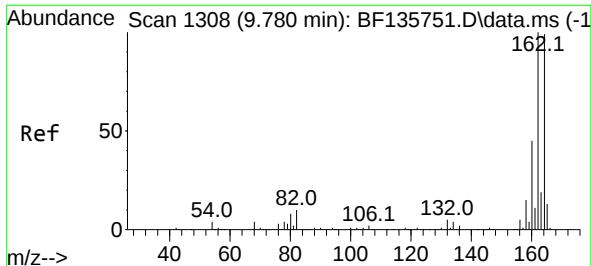
Tgt Ion:142 Resp: 566981

Ion Ratio Lower Upper

142 100

141 89.7 72.7 109.1





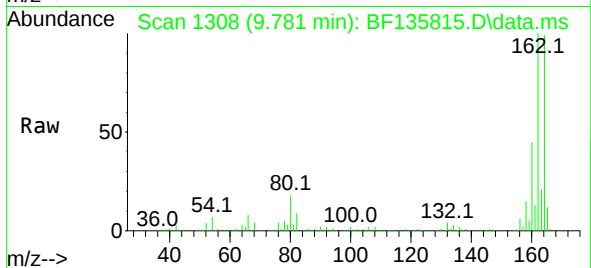
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 11308
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

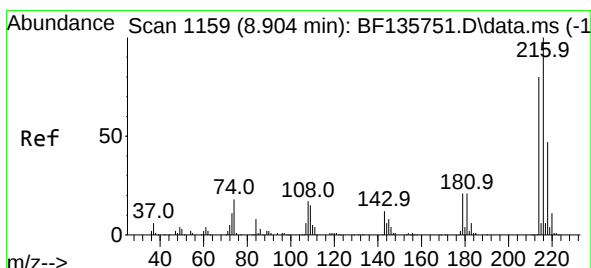
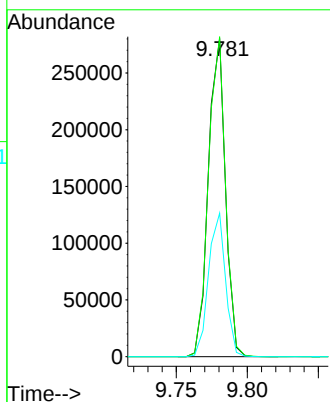
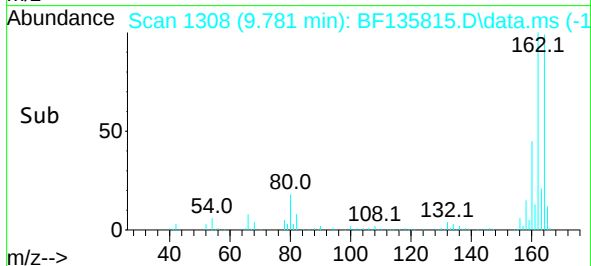


Tgt Ion:164 Resp: 233630
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 45.1 36.6 54.8

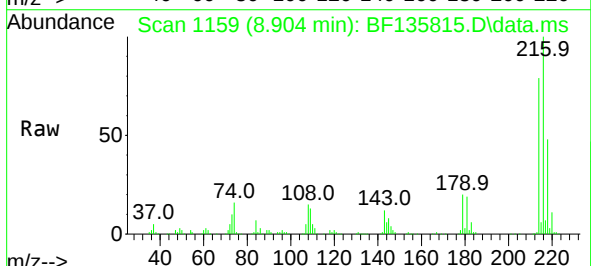
Manual Integrations

APPROVED

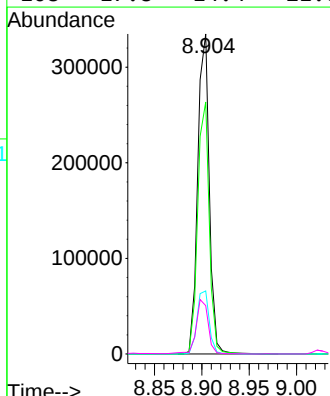
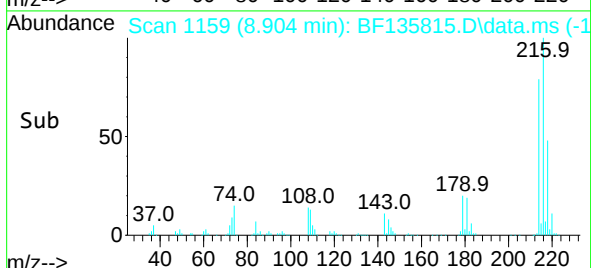
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

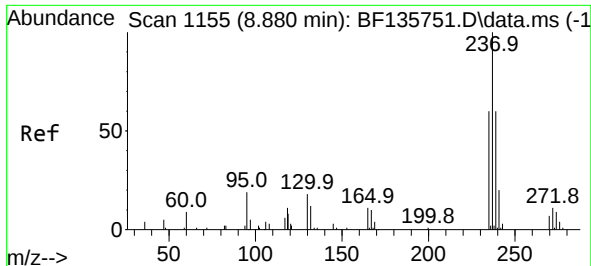


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.311 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:216 Resp: 284351
Ion Ratio Lower Upper
216 100
214 78.8 64.0 96.0
179 20.9 16.9 25.3
108 17.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 43.243 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

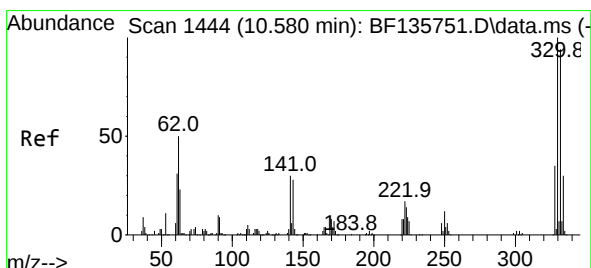
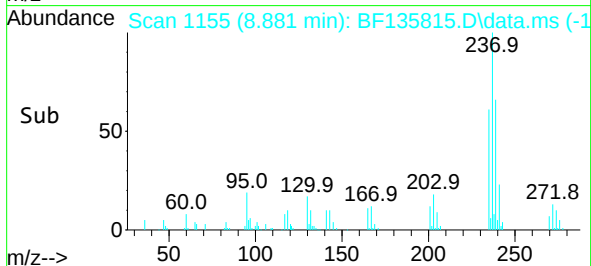
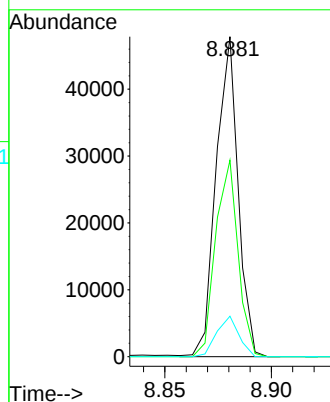
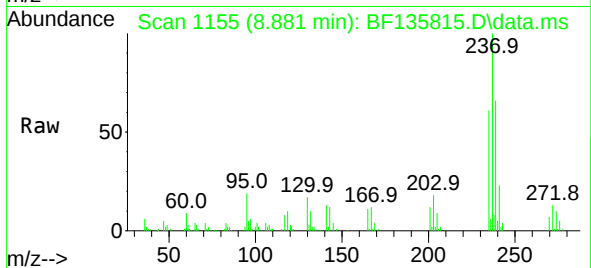
SSTDCCC040

Tgt Ion:237 Resp: 3431
Ion Ratio Lower Upper
237 100
235 61.4 40.0 80.0
272 12.6 0.0 30.9

Manual Integrations

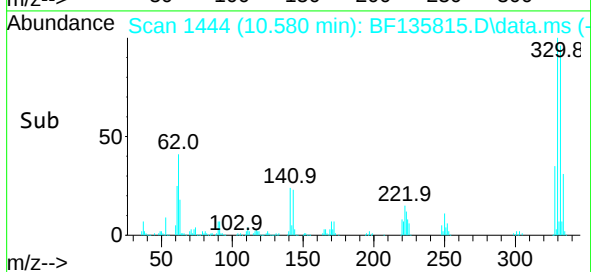
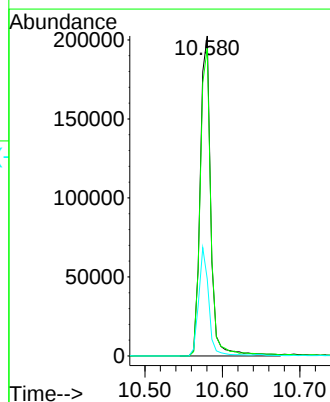
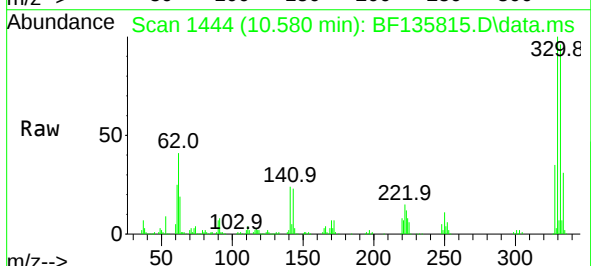
APPROVED

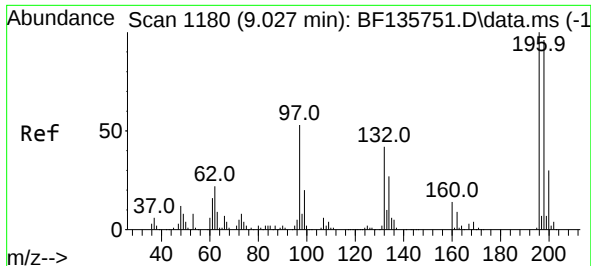
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#42
2,4,6-Tribromophenol
Concen: 85.416 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:330 Resp: 191492
Ion Ratio Lower Upper
330 100
332 97.8 75.0 112.4
141 32.1 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 41.925 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF135815.D

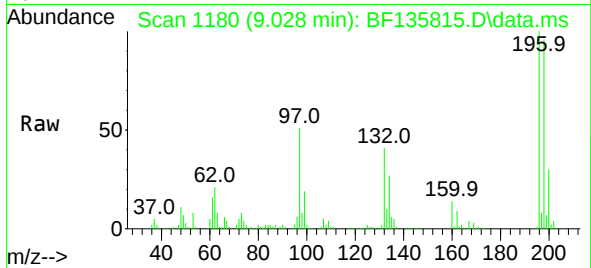
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 18156

Ion Ratio Lower Upper

196 100

198 96.2 76.7 115.1

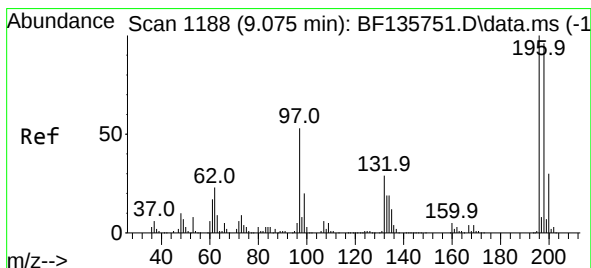
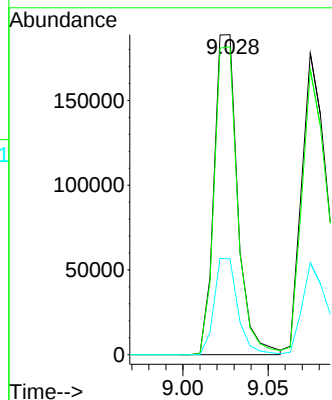
200 29.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#44

2,4,5-Trichlorophenol

Concen: 42.057 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Tgt Ion:196 Resp: 211842

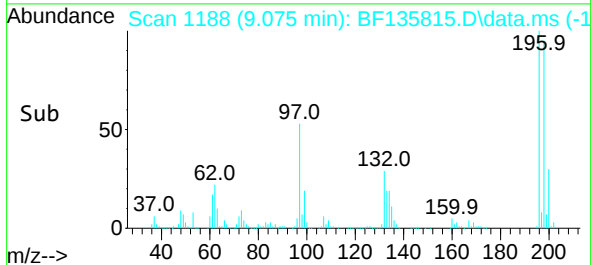
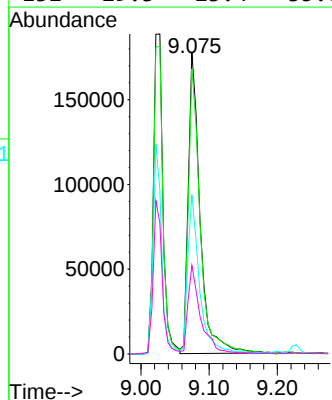
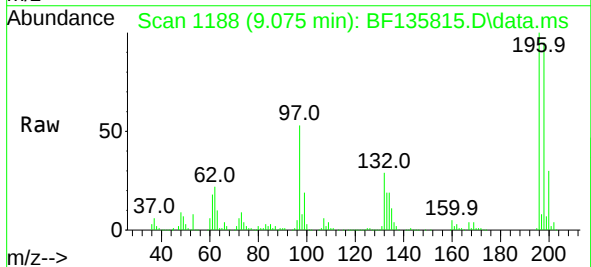
Ion Ratio Lower Upper

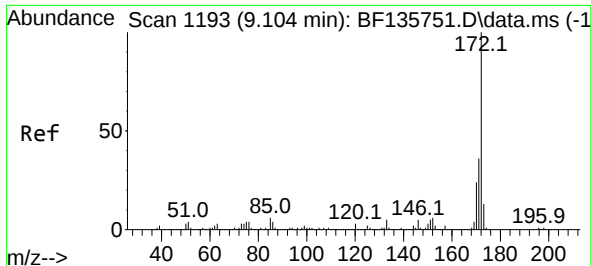
196 100

198 94.6 77.0 115.6

97 52.8 42.2 63.2

132 29.3 23.4 35.0





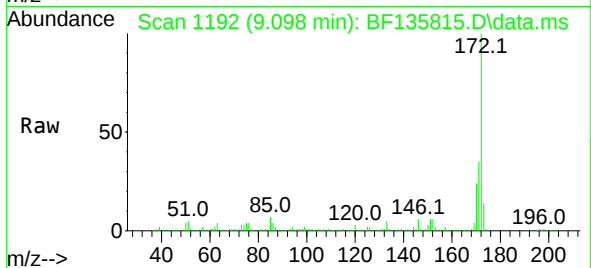
#45
2-Fluorobiphenyl
Concen: 81.201 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



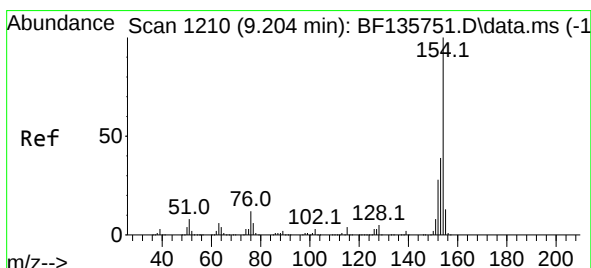
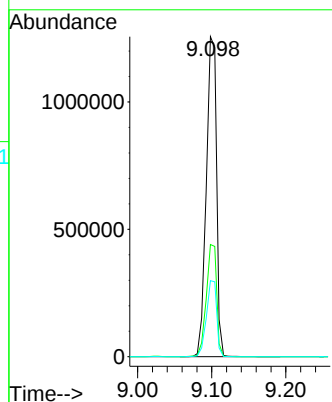
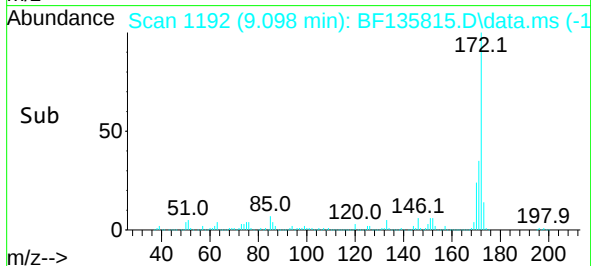
Tgt Ion:172 Resp: 121336
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.8 18.8 28.2

Manual Integrations

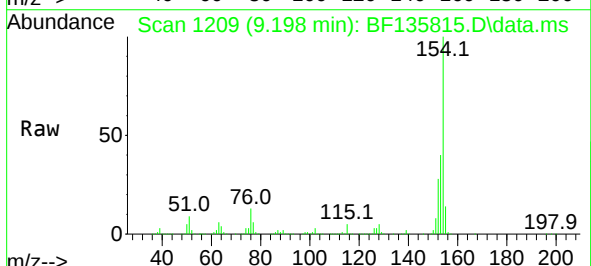
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

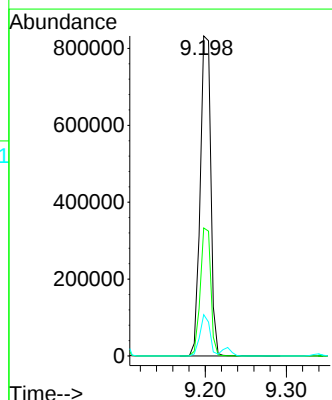
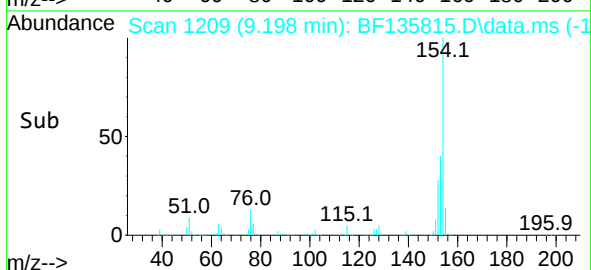
Supervised By :mohammad ahmed 10/18/2023

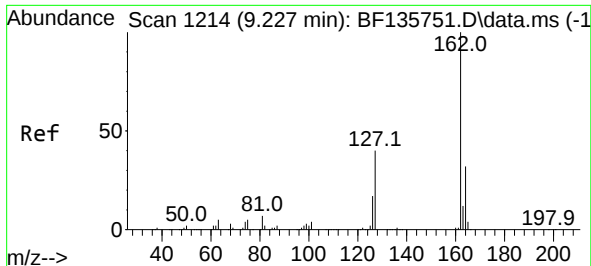


#46
1,1'-Biphenyl
Concen: 42.190 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:154 Resp: 755043
Ion Ratio Lower Upper
154 100
153 40.0 19.4 59.4
76 12.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.590 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

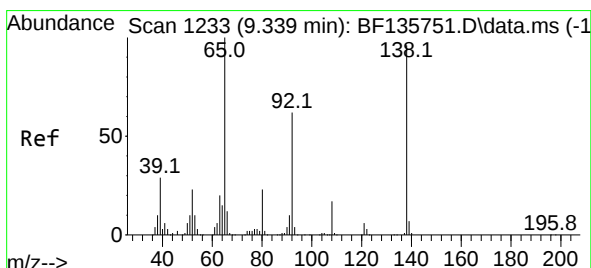
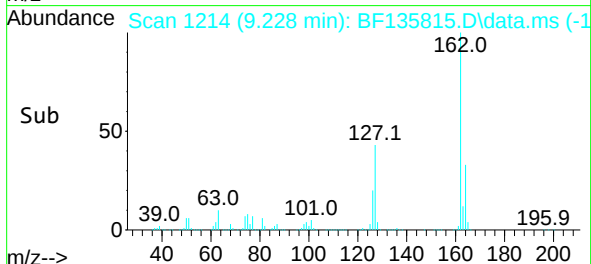
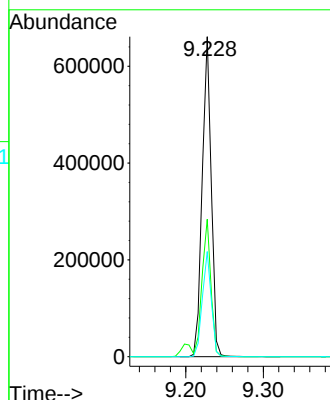
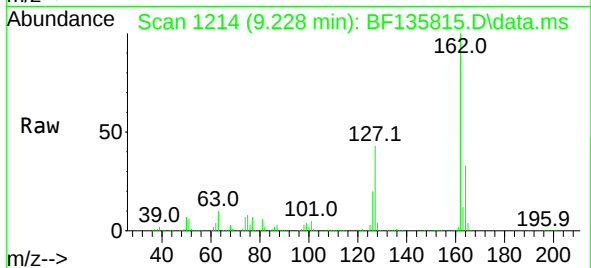
Tgt Ion:162 Resp: 53642
 Ion Ratio Lower Upper
 162 100
 127 43.0 34.7 52.1
 164 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#48

2-Nitroaniline

Concen: 44.290 ng

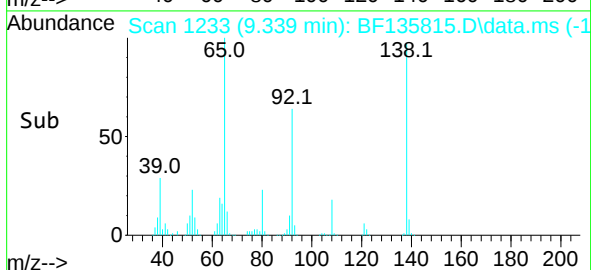
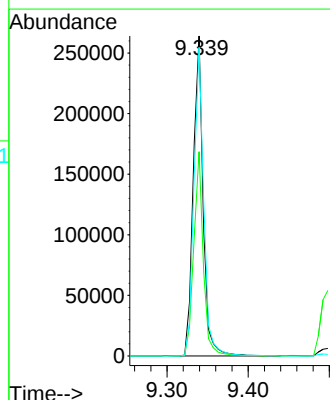
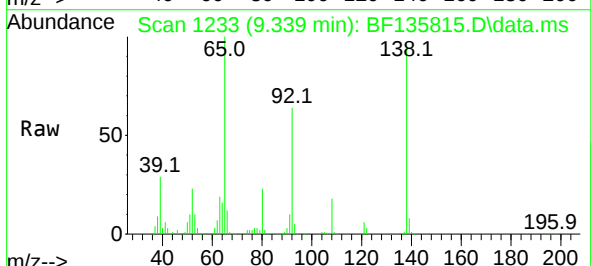
RT: 9.339 min Scan# 1233

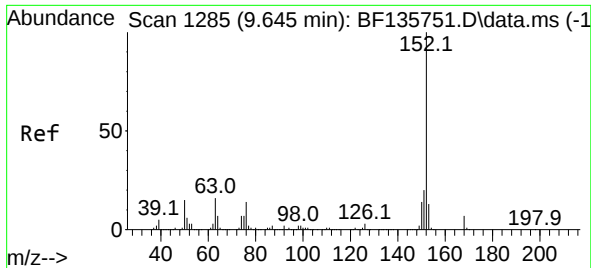
Delta R.T. -0.000 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Tgt Ion: 65 Resp: 225483
 Ion Ratio Lower Upper
 65 100
 92 63.8 49.4 74.0
 138 96.5 76.6 114.8





#49

Acenaphthylene

Concen: 40.337 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

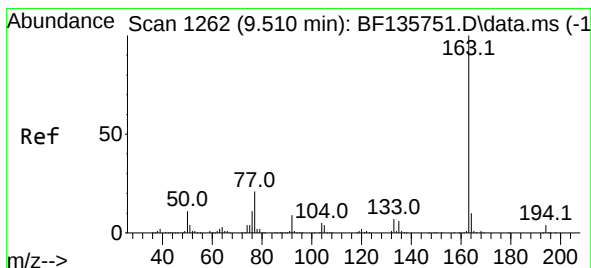
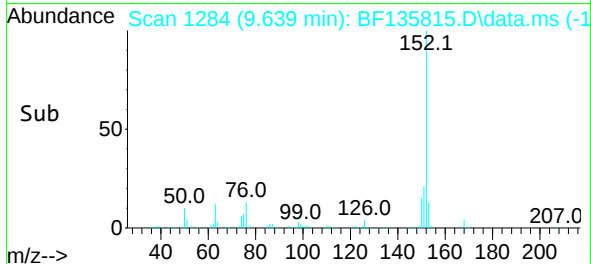
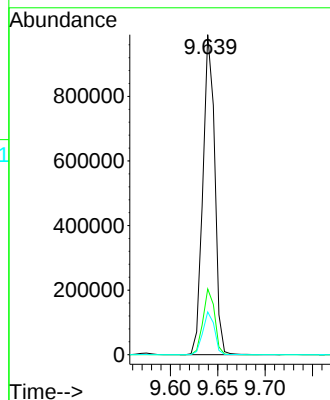
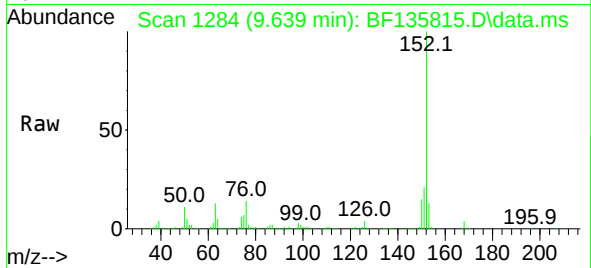
Tgt Ion:	152	Resp:	860974
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	13.3	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#50

Dimethylphthalate

Concen: 41.645 ng

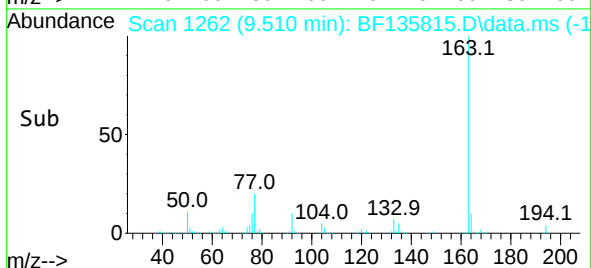
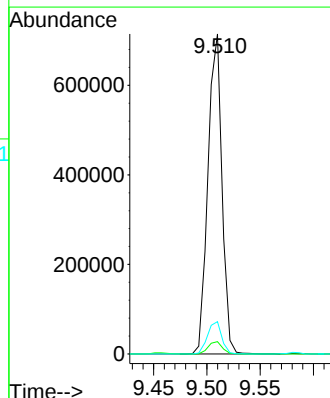
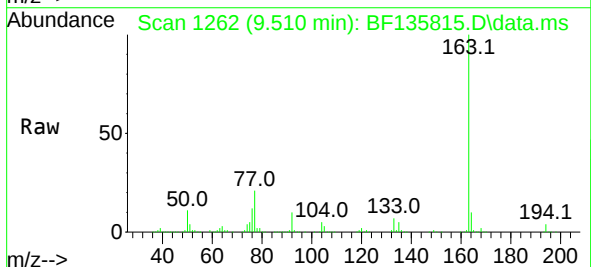
RT: 9.510 min Scan# 1262

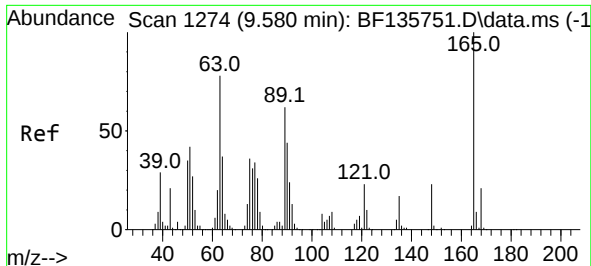
Delta R.T. -0.000 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Tgt Ion:	163	Resp:	656807
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	10.1	7.9	11.9





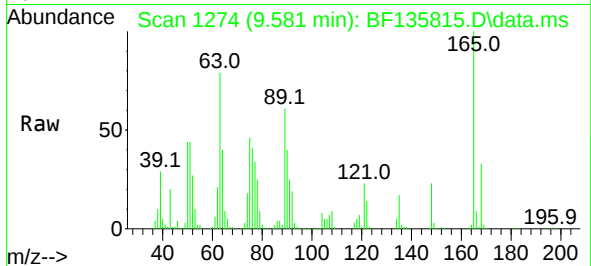
#51
2,6-Dinitrotoluene
Concen: 43.202 ng
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

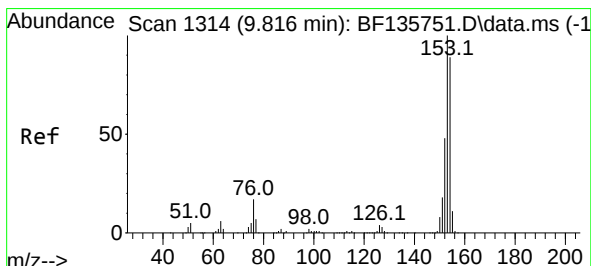
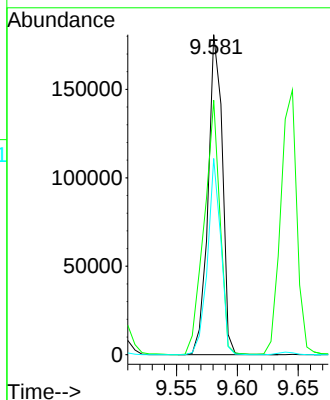
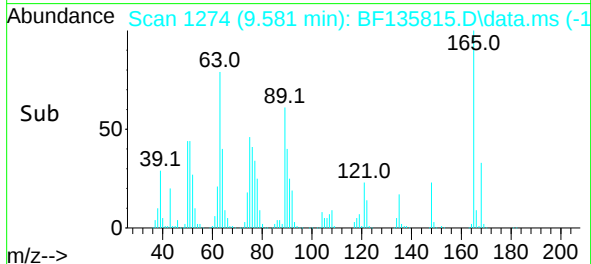


Tgt Ion:165 Resp: 146524
Ion Ratio Lower Upper
165 100
63 79.5 62.2 93.4
89 61.3 49.6 74.4

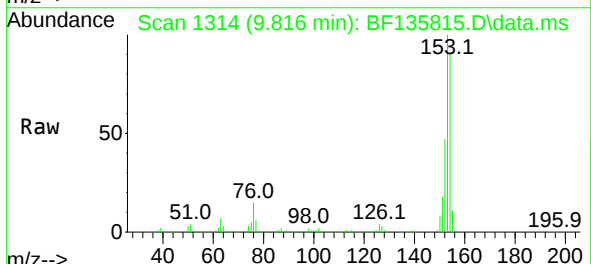
Manual Integrations

APPROVED

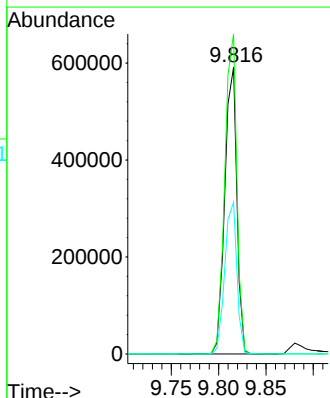
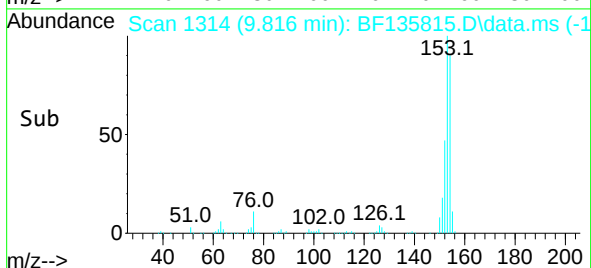
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

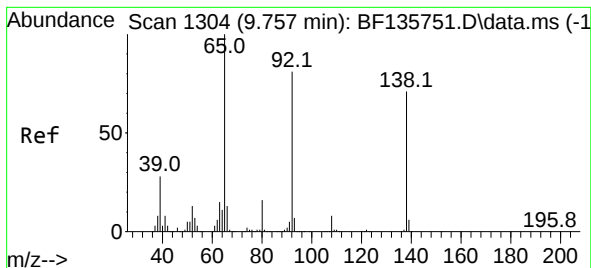


#52
Acenaphthene
Concen: 41.189 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:154 Resp: 526950
Ion Ratio Lower Upper
154 100
153 111.6 90.1 135.1
152 52.8 43.1 64.7





#53
3-Nitroaniline
Concen: 41.852 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

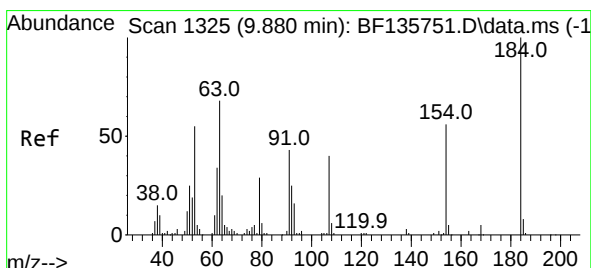
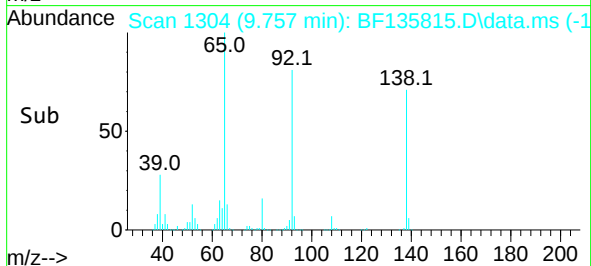
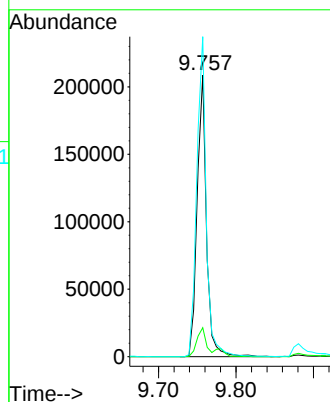
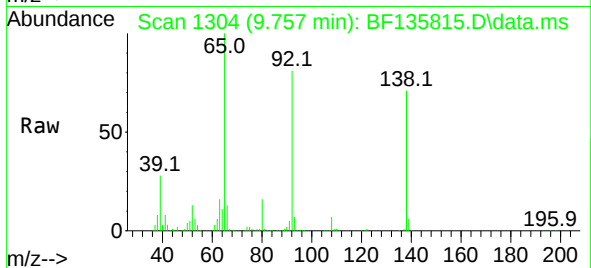
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 174004
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 113.6 91.3 136.9

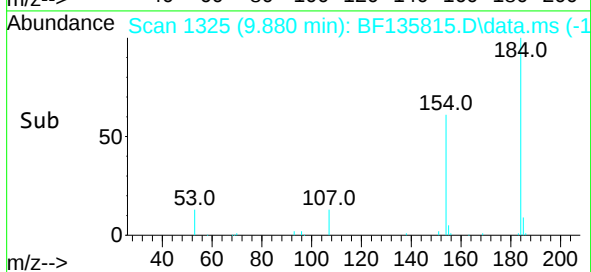
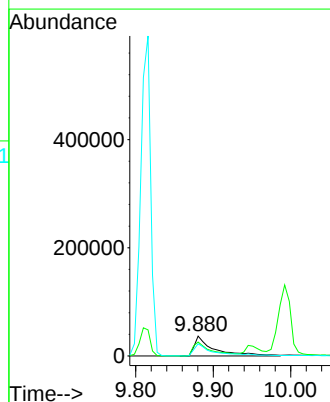
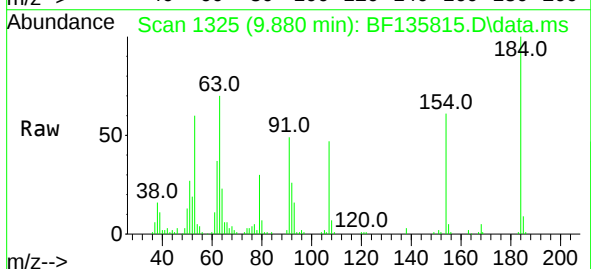
Manual Integrations
APPROVED

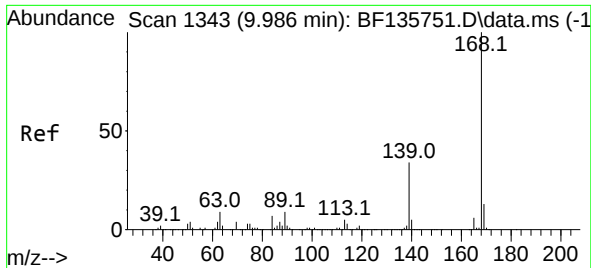
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#54
2,4-Dinitrophenol
Concen: 45.486 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:184 Resp: 64397
Ion Ratio Lower Upper
184 100
63 69.9 54.6 81.8
154 61.2 45.0 67.4





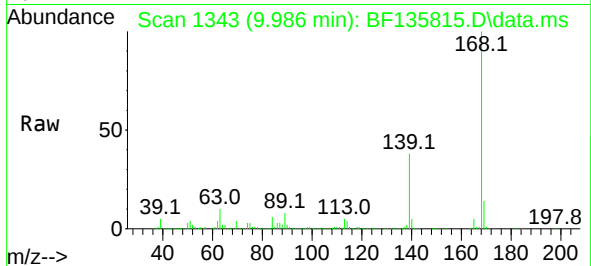
#55
Dibenzofuran
Concen: 41.115 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



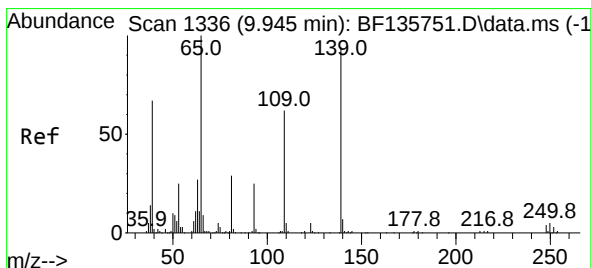
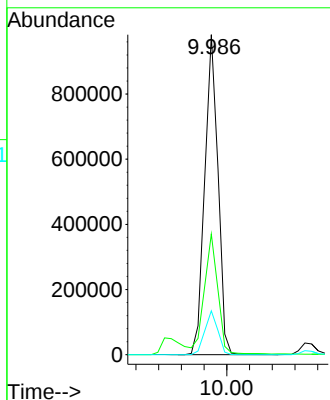
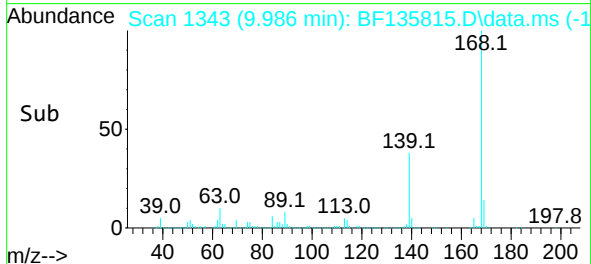
Tgt Ion:168 Resp: 79366
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.4
169 13.7 10.7 16.1

Manual Integrations

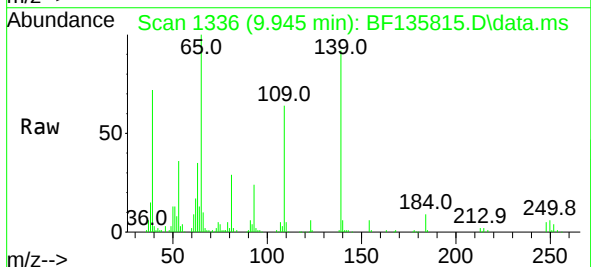
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

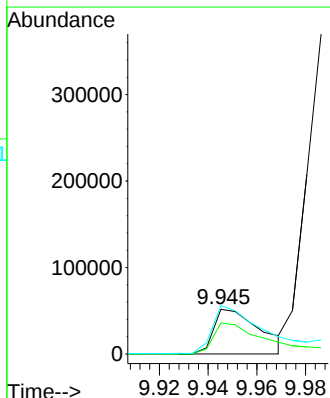
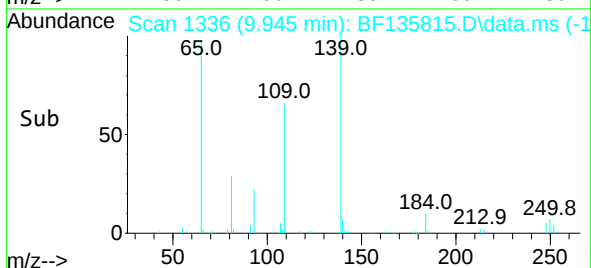
Supervised By :mohammad ahmed 10/18/2023

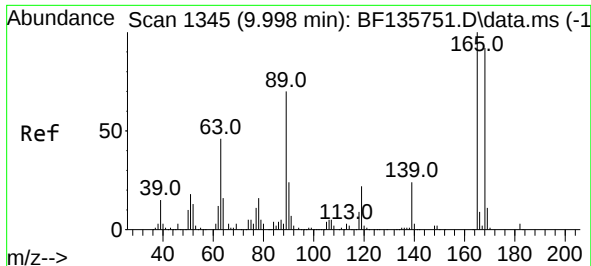


#56
4-Nitrophenol
Concen: 38.415 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:139 Resp: 67339
Ion Ratio Lower Upper
139 100
109 69.7 45.6 85.6
65 108.7 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 43.841 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135815.D

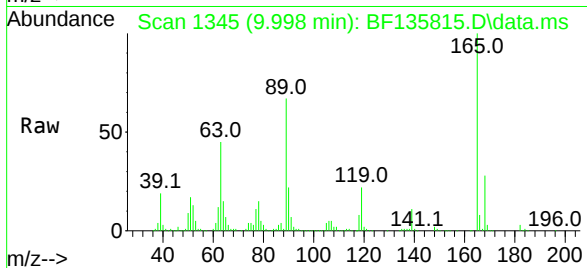
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 18916

Ion Ratio Lower Upper

165 100

63 44.9 39.0 58.4

89 66.7 55.9 83.9

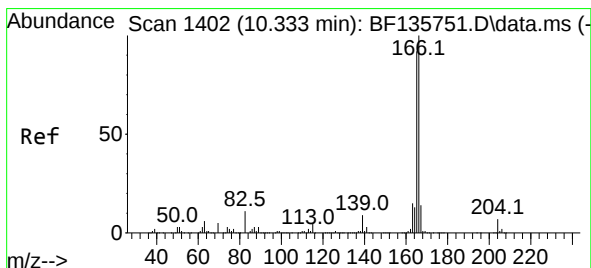
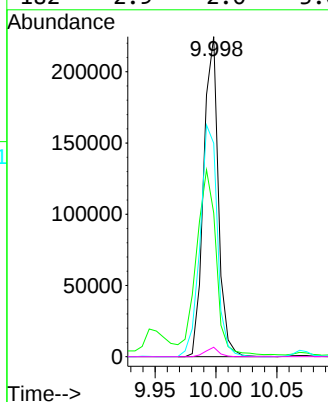
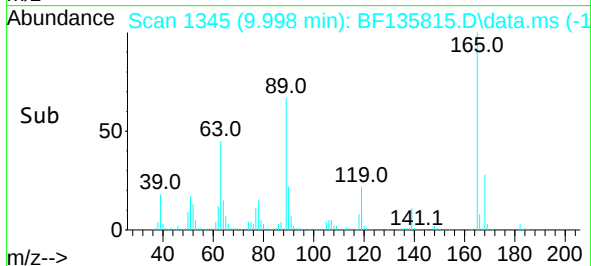
182 2.9 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#58

Fluorene

Concen: 41.574 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

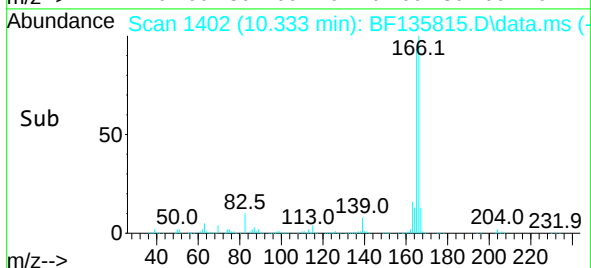
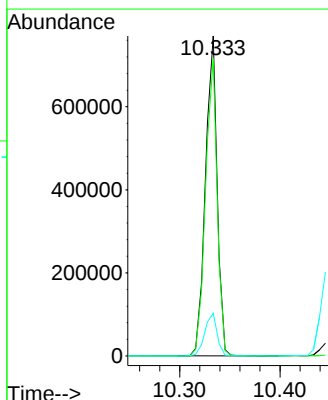
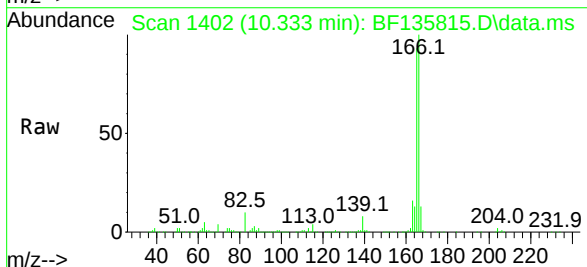
Tgt Ion:166 Resp: 628283

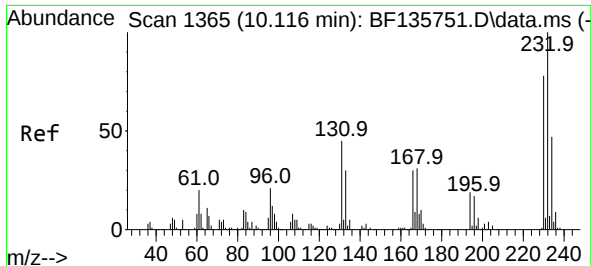
Ion Ratio Lower Upper

166 100

165 93.0 73.4 110.0

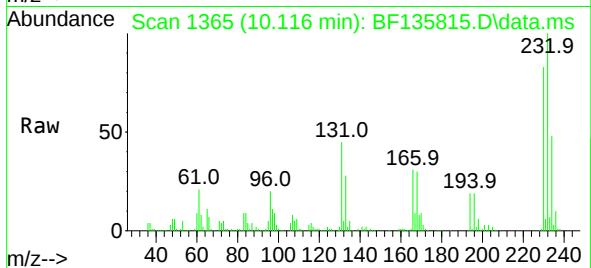
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.564 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

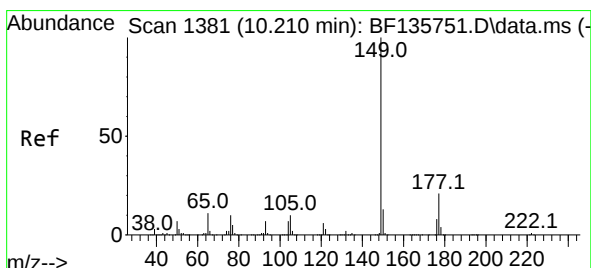
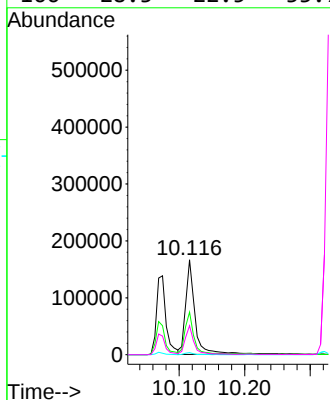
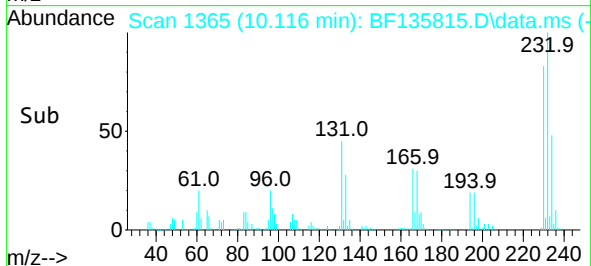
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 162024
Ion Ratio Lower Upper
232 100
131 44.2 35.8 53.6
130 2.2 1.9 2.9
166 28.3 22.5 33.7

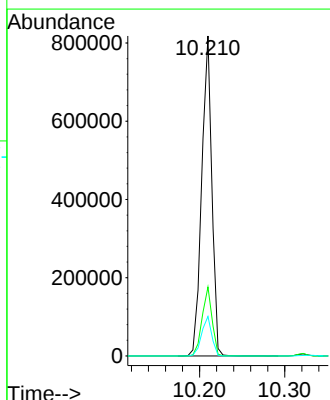
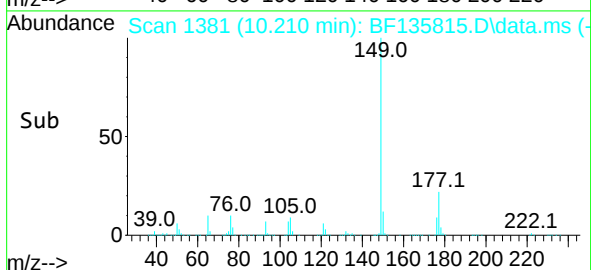
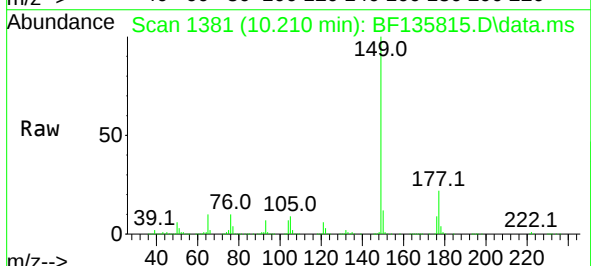
Manual Integrations
APPROVED

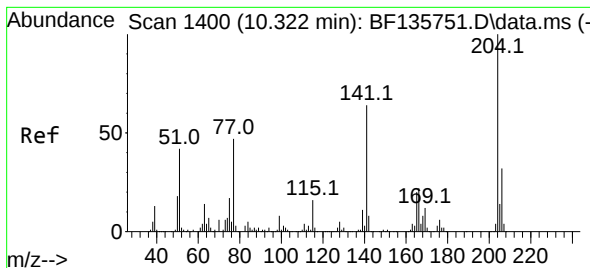
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#60
Diethylphthalate
Concen: 41.876 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

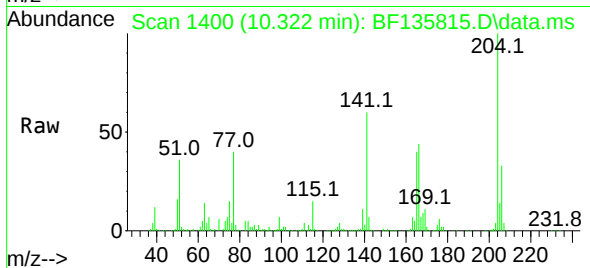
Tgt Ion:149 Resp: 674247
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.967 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

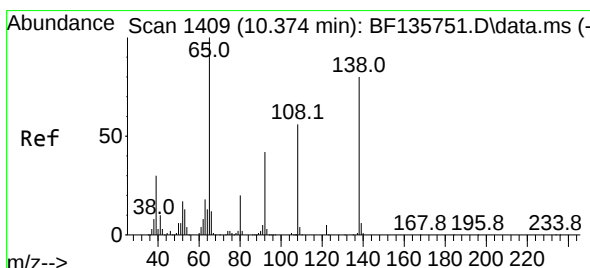
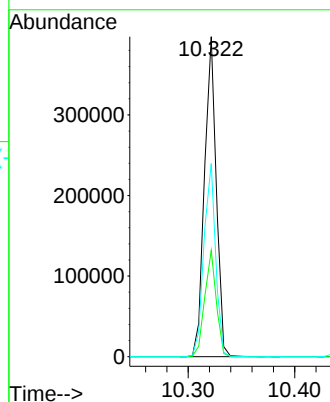
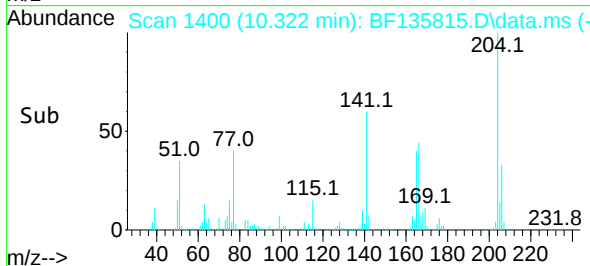
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



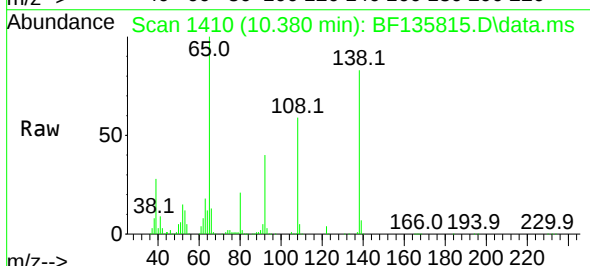
Tgt Ion:204 Resp: 306520
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 60.4 51.4 77.0

Manual Integrations
APPROVED

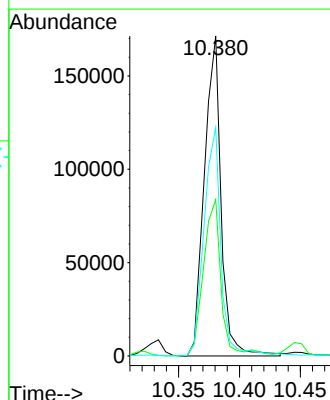
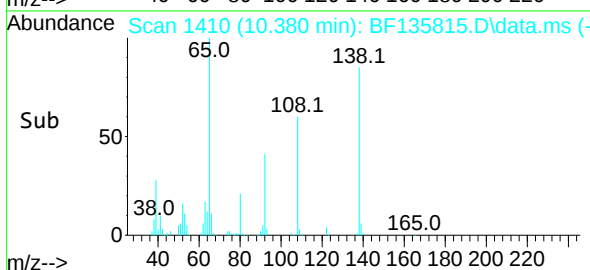
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

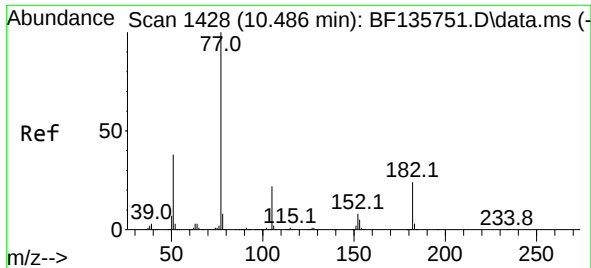


#62
4-Nitroaniline
Concen: 42.907 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



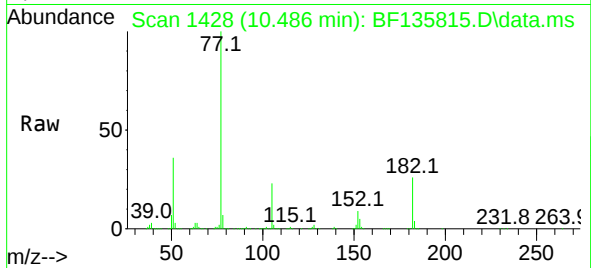
Tgt Ion:138 Resp: 164134
Ion Ratio Lower Upper
138 100
92 48.9 31.9 71.9
108 71.3 49.7 89.7





#63
Azobenzene
Concen: 42.139 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

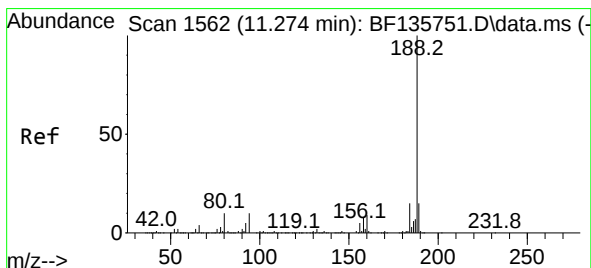
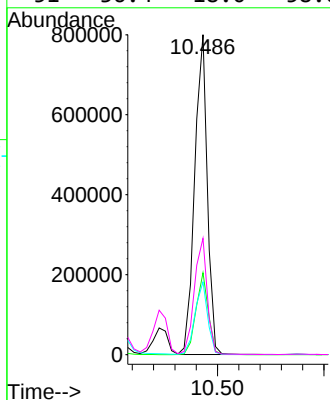
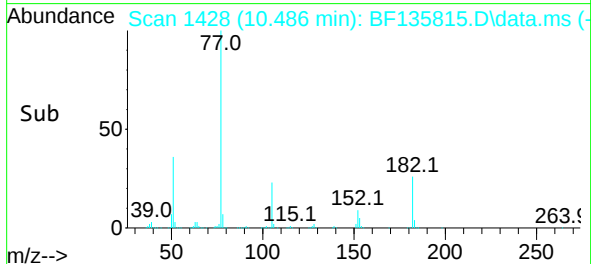
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



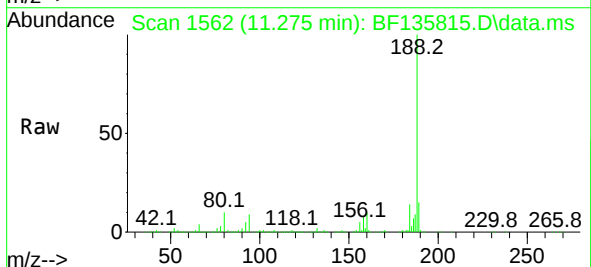
Tgt Ion: 77 Resp: 65918
Ion Ratio Lower Upper
77 100
182 25.6 3.5 43.5
105 22.8 2.2 42.2
51 36.4 18.0 58.0

Manual Integrations
APPROVED

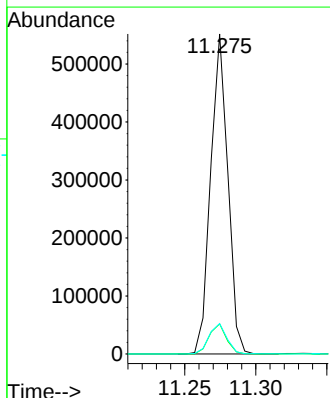
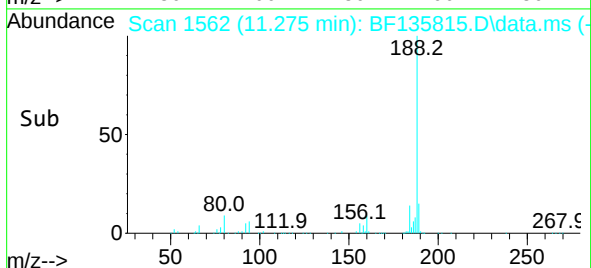
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

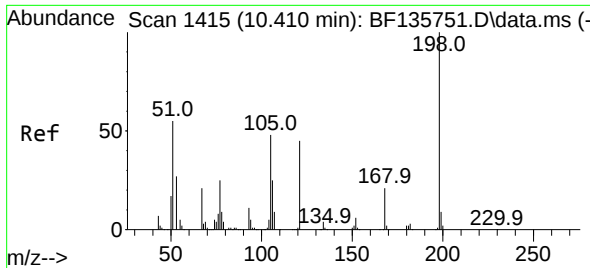


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:188 Resp: 465340
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 9.5 8.3 12.5





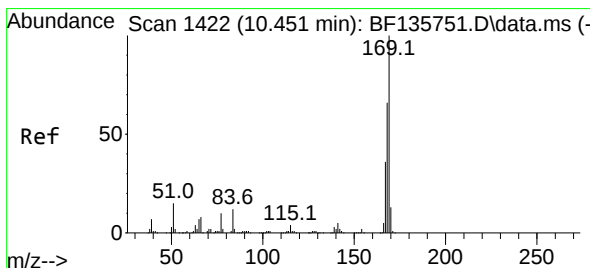
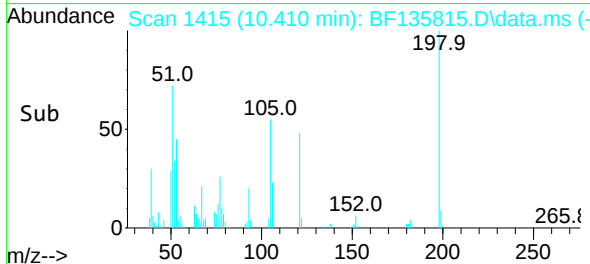
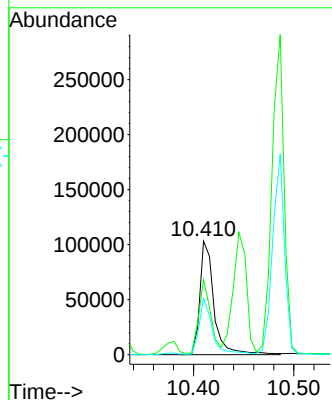
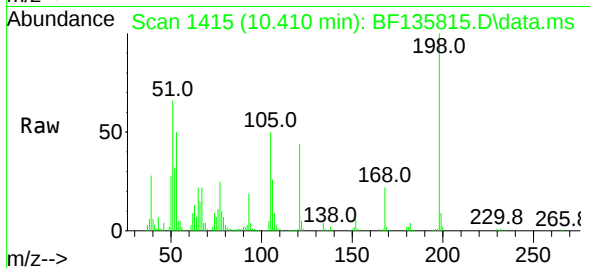
#65
4,6-Dinitro-2-methylphenol
Concen: 43.243 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 101269
Ion Ratio Lower Upper
198 100
51 66.1 47.6 87.6
105 49.7 29.2 69.2

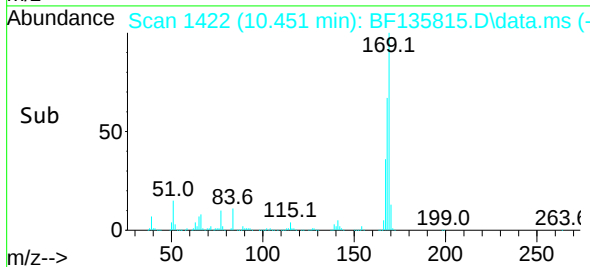
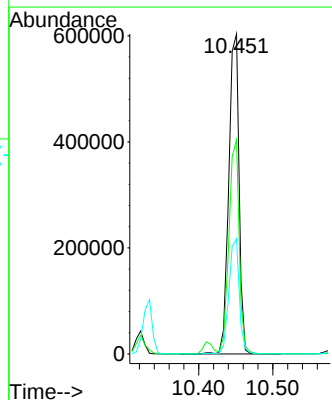
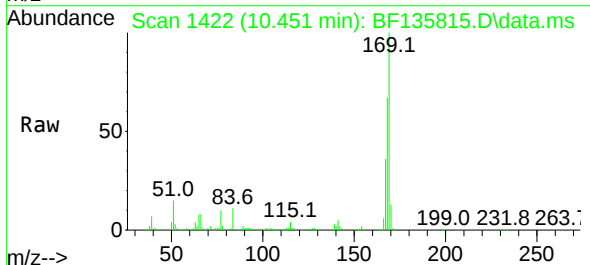
Manual Integrations
APPROVED

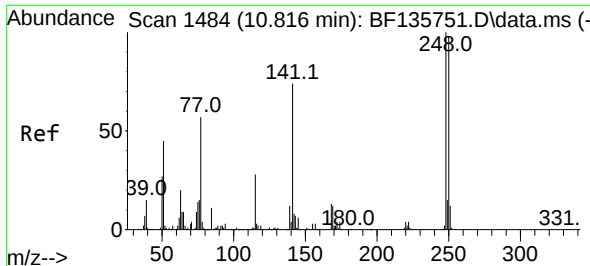
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#66
n-Nitrosodiphenylamine
Concen: 40.871 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:169 Resp: 579697
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.0 29.2 43.8





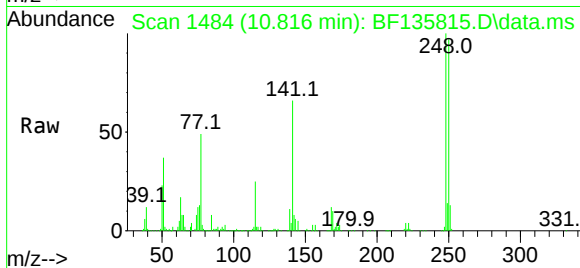
#67
4-Bromophenyl-phenylether
Concen: 41.295 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

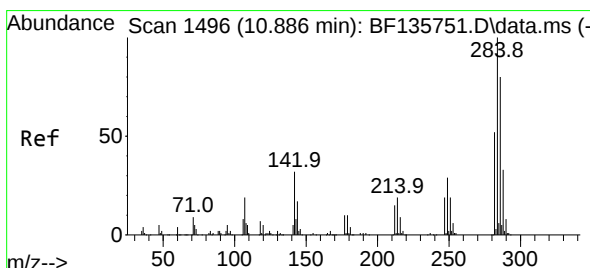
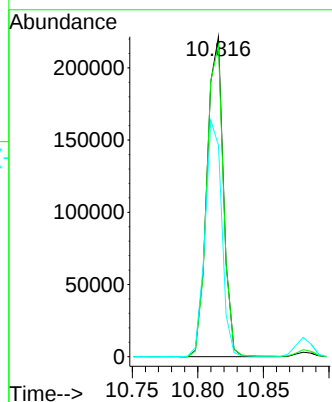
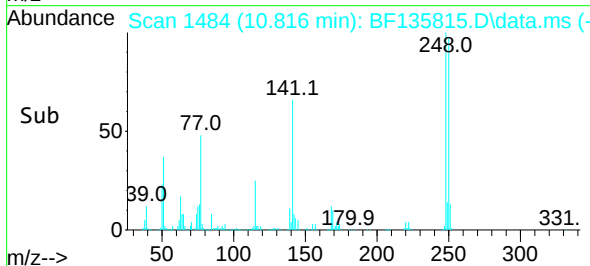


Tgt Ion:248 Resp: 192890
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 66.0 59.0 88.6

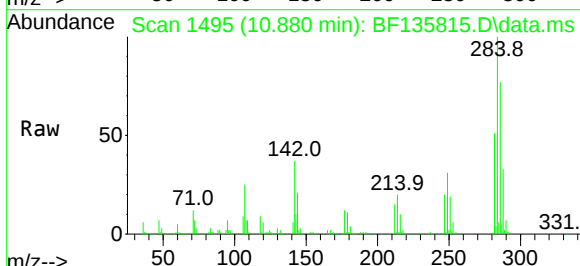
Manual Integrations

APPROVED

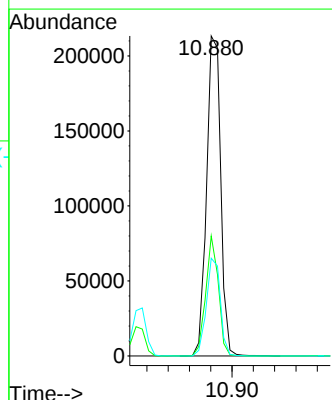
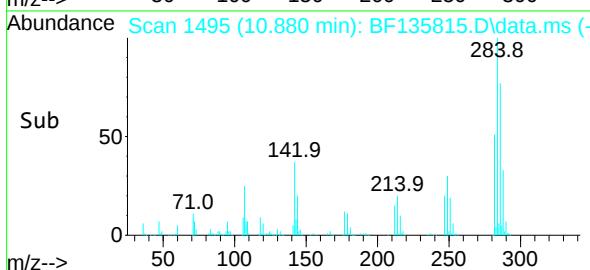
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

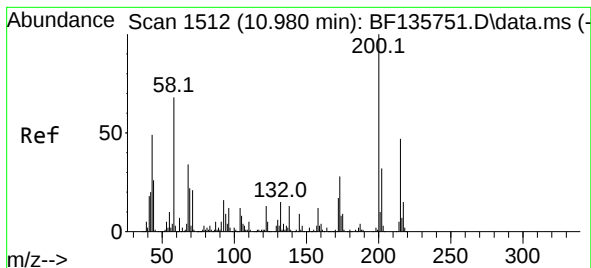


#68
Hexachlorobenzene
Concen: 41.422 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:284 Resp: 196993
Ion Ratio Lower Upper
284 100
142 37.5 25.3 37.9
249 30.5 23.5 35.3





#69

Atrazine

Concen: 41.291 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135815.D

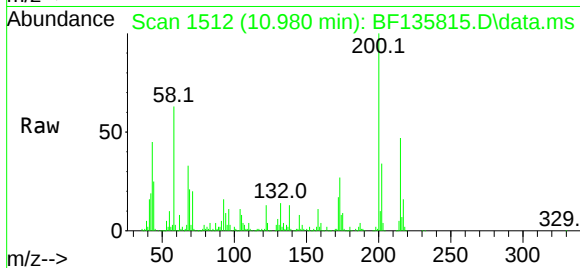
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



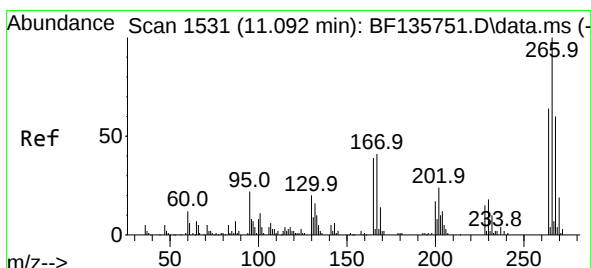
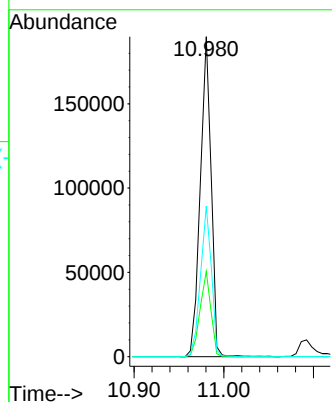
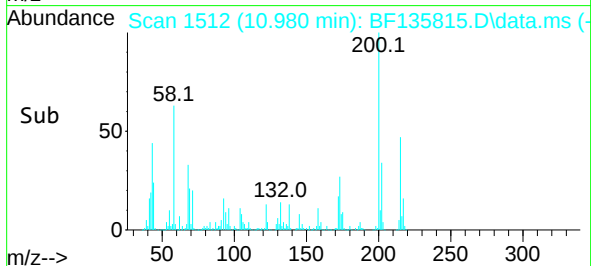
Tgt Ion:	200	Resp:	15929
Ion Ratio	Lower	Upper	
200	100		
173	26.7	7.6	47.6
215	47.1	27.1	67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#70

Pentachlorophenol

Concen: 39.825 ng

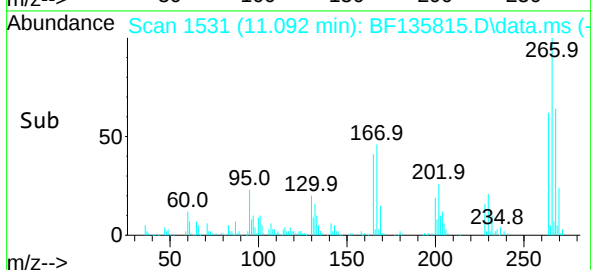
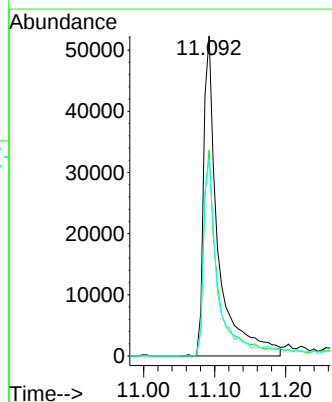
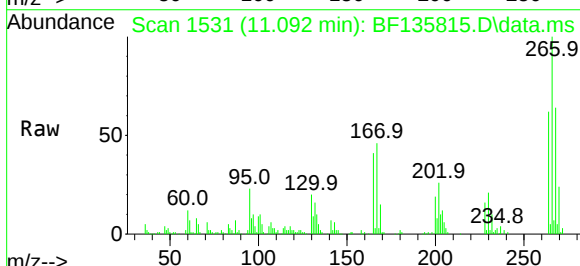
RT: 11.092 min Scan# 1531

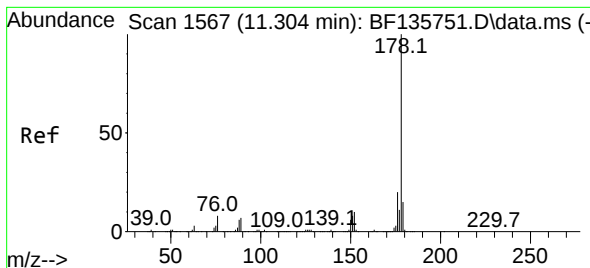
Delta R.T. -0.000 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Tgt Ion:	266	Resp:	74700
Ion Ratio	Lower	Upper	
266	100		
268	64.3	47.7	71.5
264	61.7	51.4	77.2





#71

Phenanthrene

Concen: 40.499 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 902790

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

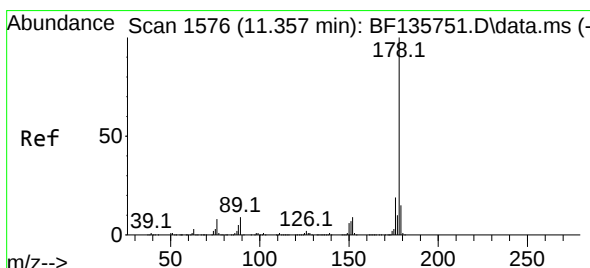
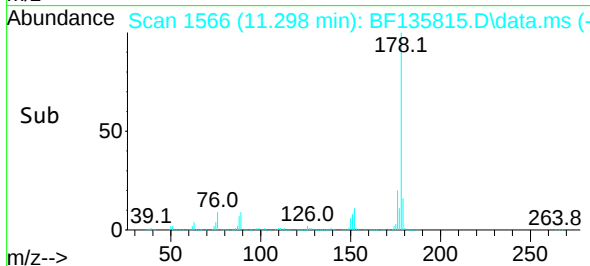
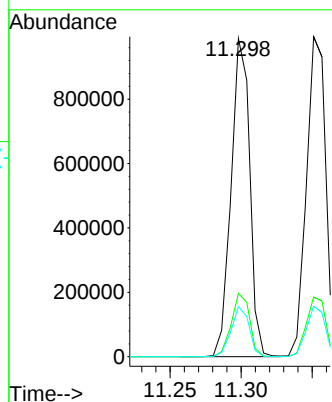
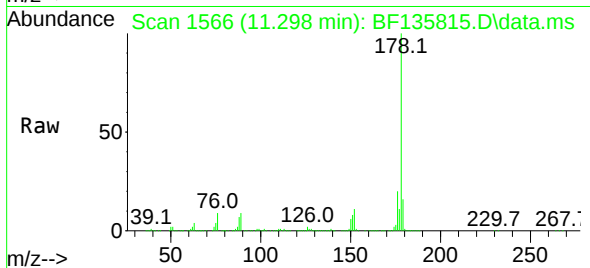
179 15.7 12.2 18.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#72

Anthracene

Concen: 40.975 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

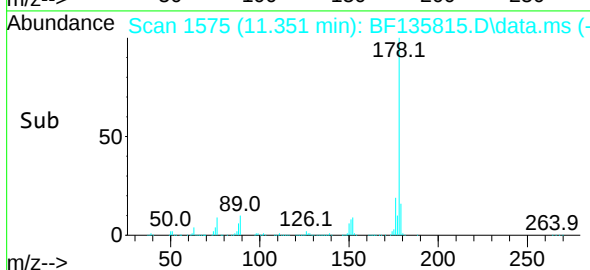
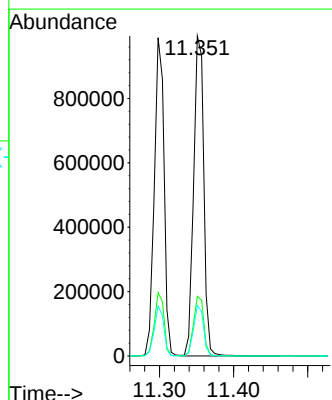
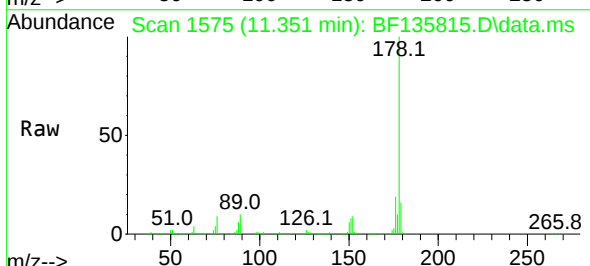
Tgt Ion:178 Resp: 946516

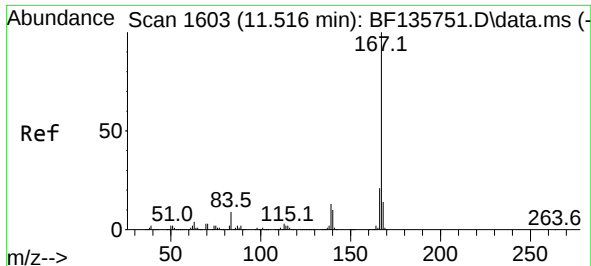
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

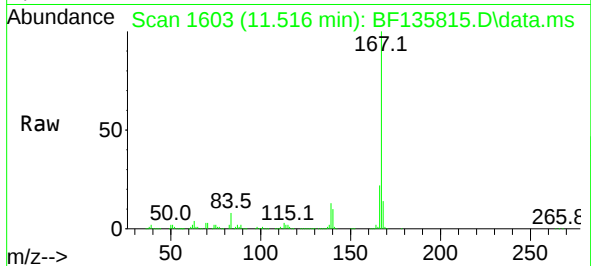
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 40.763 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135815.D
 Acq: 17 Oct 2023 16:49

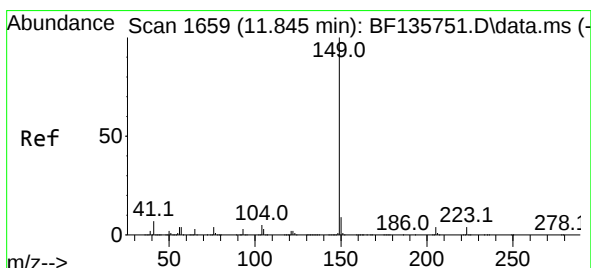
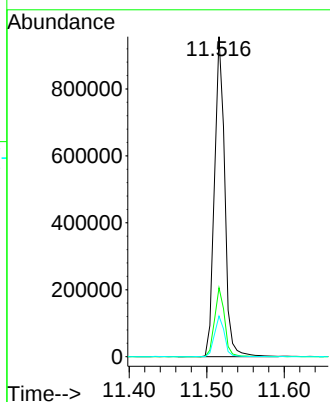
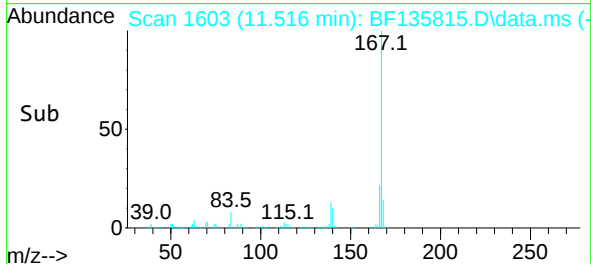
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



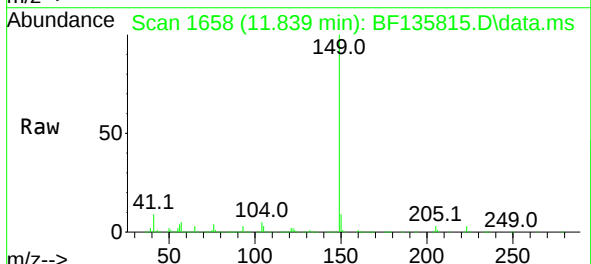
Tgt Ion:167 Resp: 878175
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.7 10.2 15.4

Manual Integrations
 APPROVED

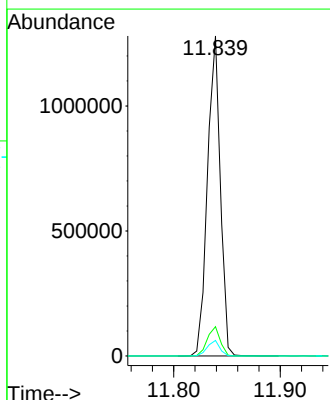
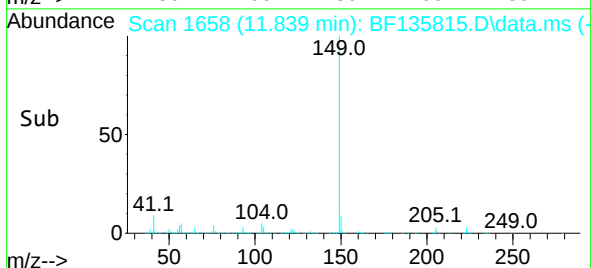
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

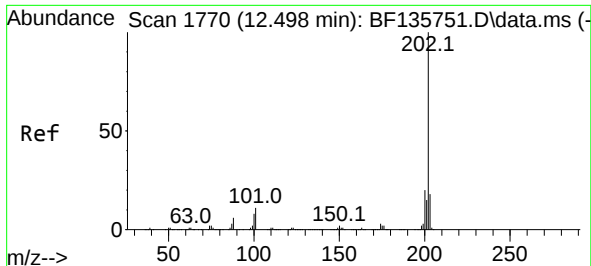


#74
 Di-n-butylphthalate
 Concen: 40.594 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135815.D
 Acq: 17 Oct 2023 16:49



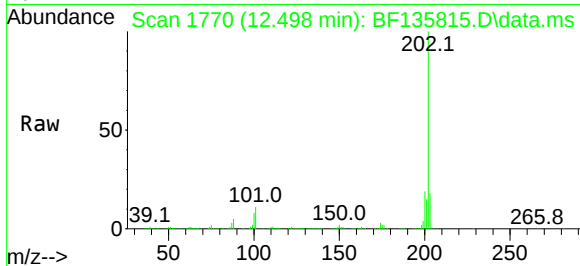
Tgt Ion:149 Resp: 1073745
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.7 5.5





#75
Fluoranthene
Concen: 40.351 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

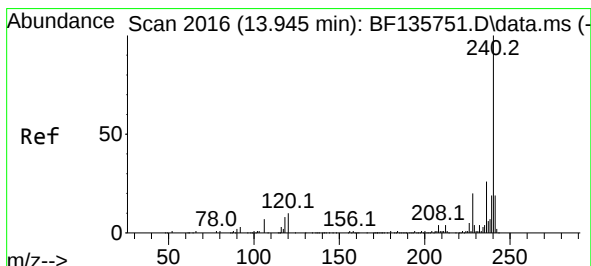
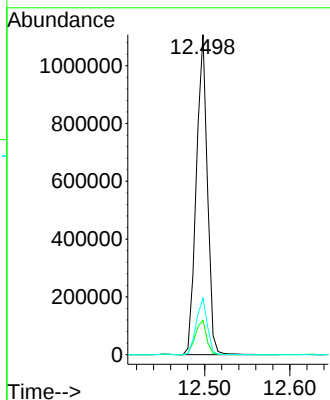
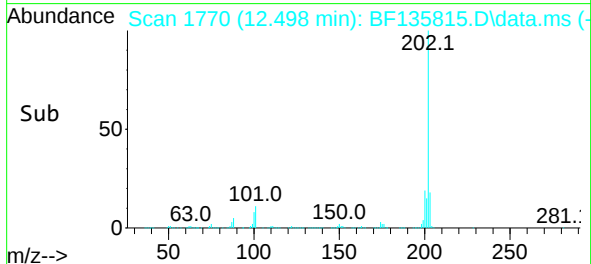
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



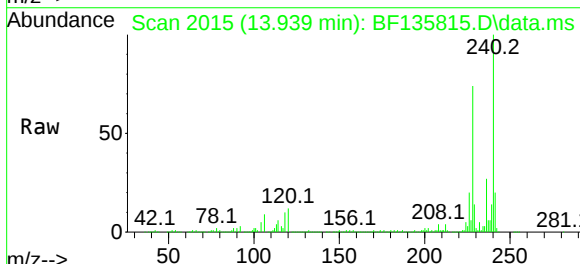
Tgt Ion:202 Resp: 99833
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.5
203 17.6 0.0 38.3

Manual Integrations
APPROVED

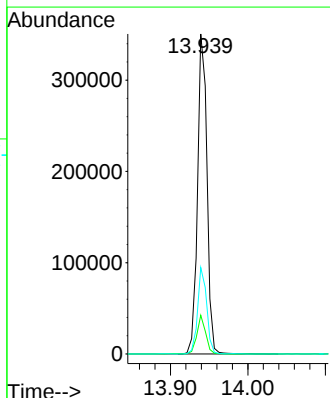
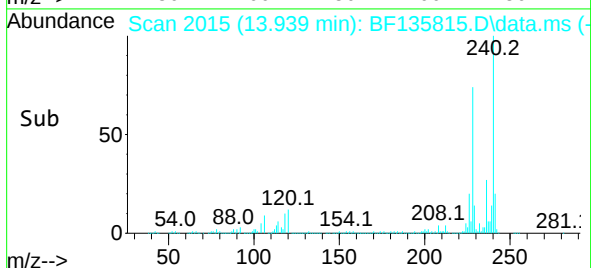
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

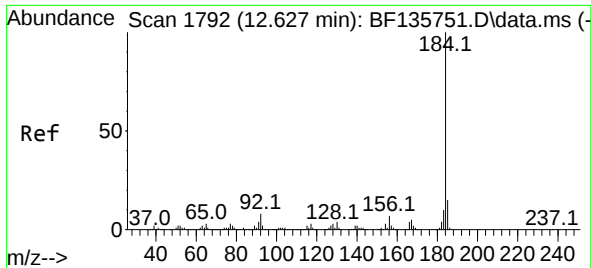


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



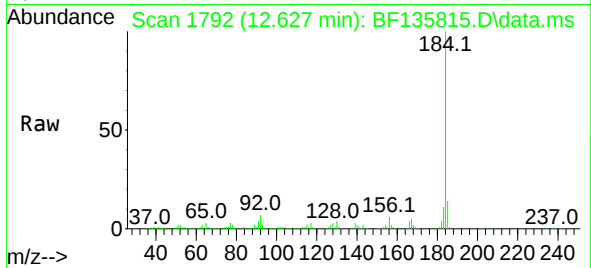
Tgt Ion:240 Resp: 296650
Ion Ratio Lower Upper
240 100
120 12.1 8.2 12.2
236 27.0 21.2 31.8





#77
Benzidine
Concen: 41.840 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

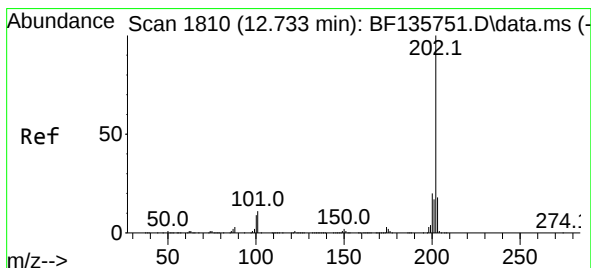
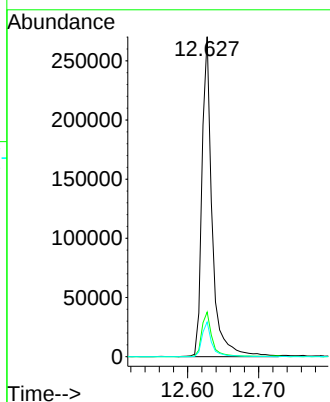
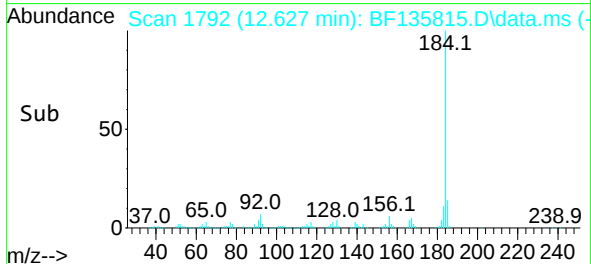
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



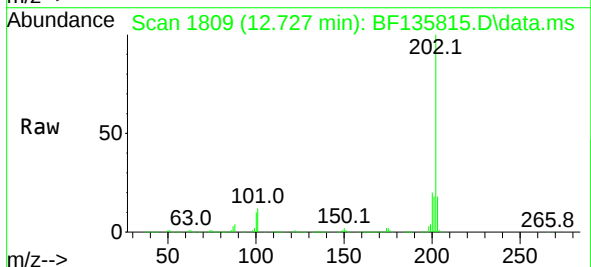
Tgt Ion:184 Resp: 270830
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 10.8 8.2 12.2

Manual Integrations
APPROVED

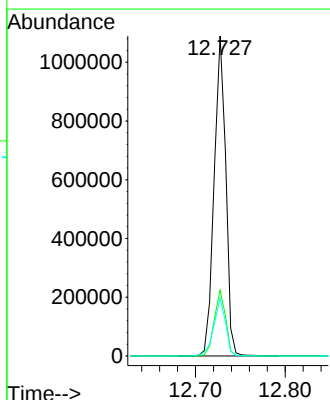
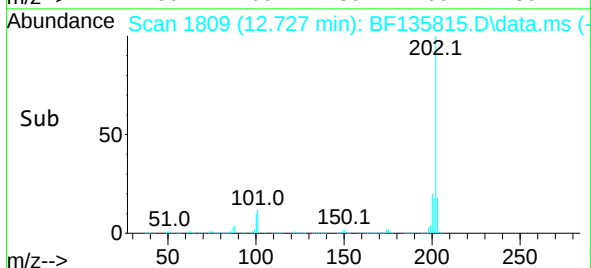
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

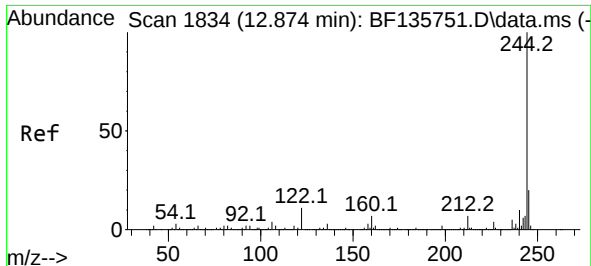


#78
Pyrene
Concen: 41.617 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:202 Resp: 981043
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.9 14.2 21.2





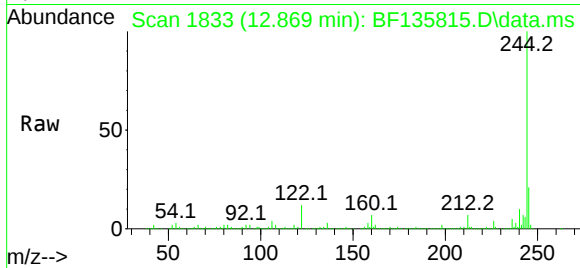
#79
 Terphenyl-d14
 Concen: 81.361 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135815.D
 Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

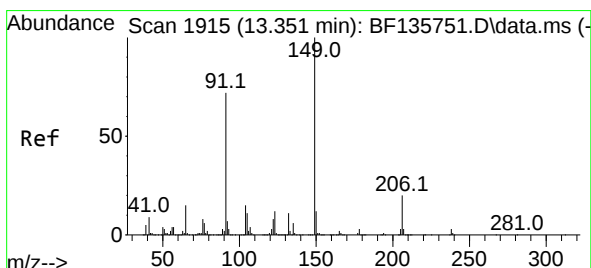
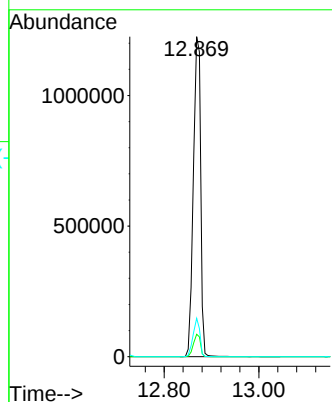
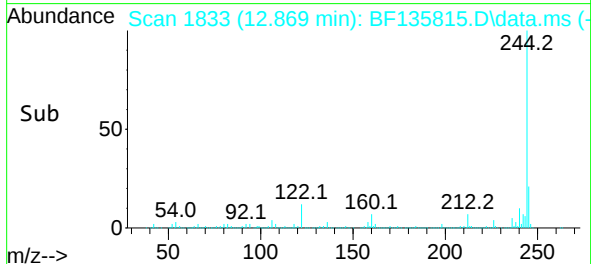


Tgt Ion:244 Resp: 1303290
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 9.0 13.6

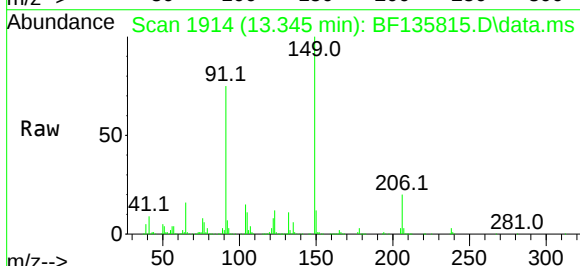
Manual Integrations

APPROVED

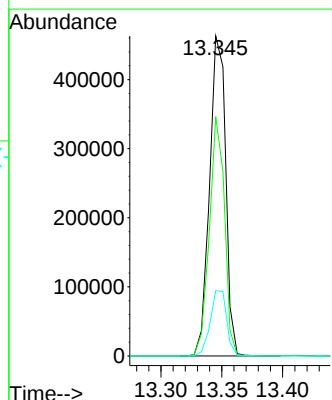
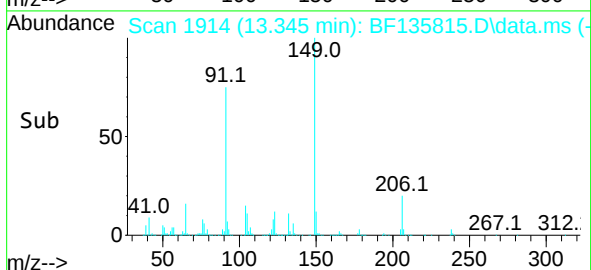
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/18/2023

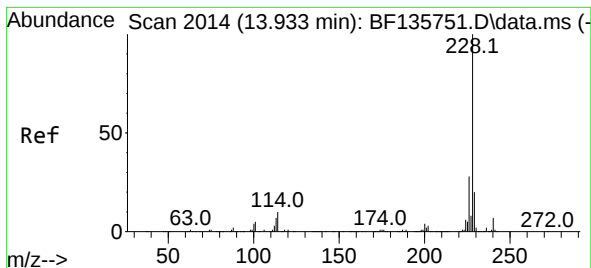


#80
 Butylbenzylphthalate
 Concen: 41.216 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.012 min
 Lab File: BF135815.D
 Acq: 17 Oct 2023 16:49



Tgt Ion:149 Resp: 426953
 Ion Ratio Lower Upper
 149 100
 91 74.8 57.4 86.0
 206 20.4 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.973 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 81784

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

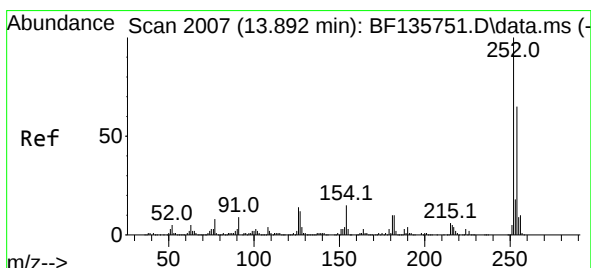
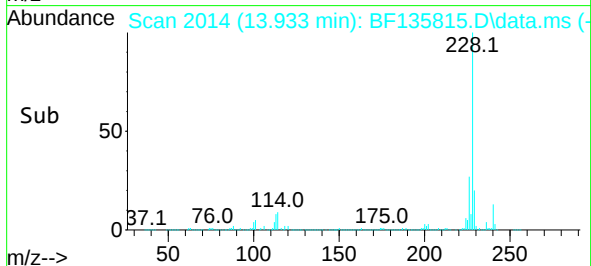
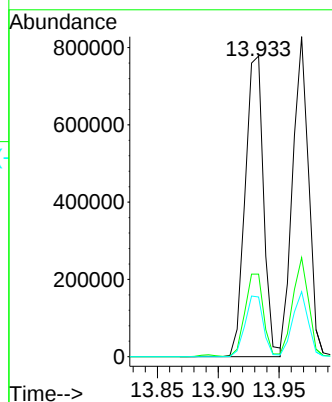
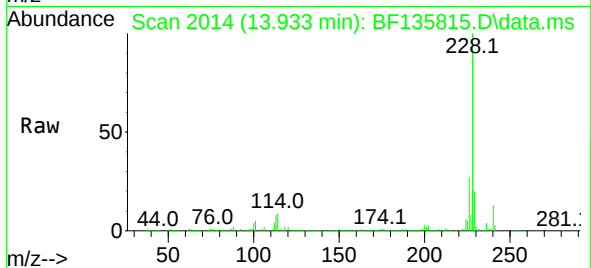
229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.092 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF135815.D

Acq: 17 Oct 2023 16:49

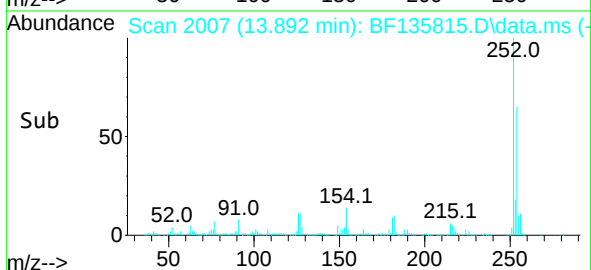
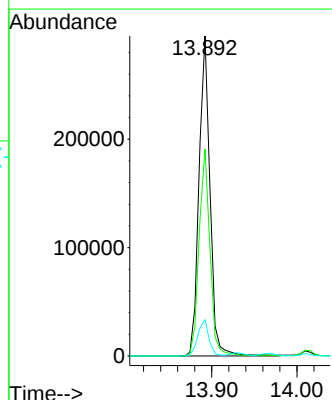
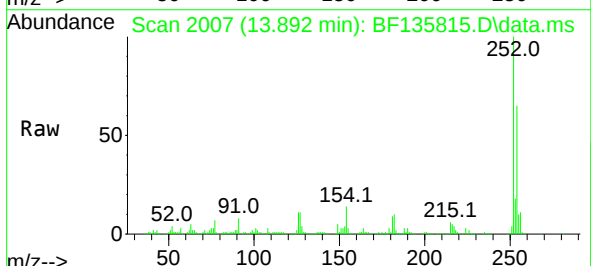
Tgt Ion:252 Resp: 265549

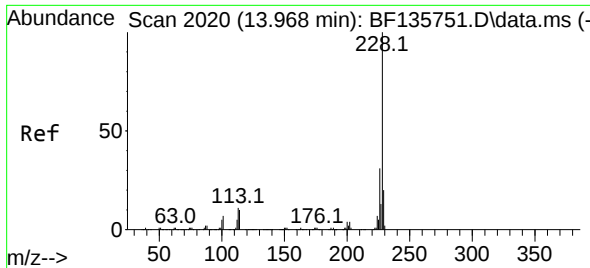
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 11.3 11.0 16.4





#83
Chrysene
Concen: 40.171 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

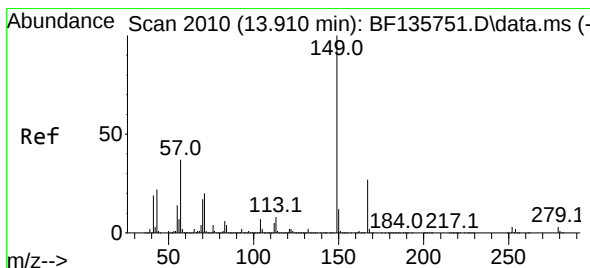
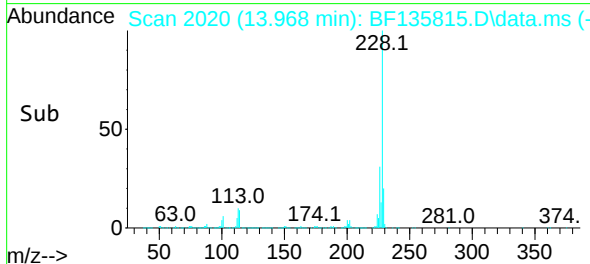
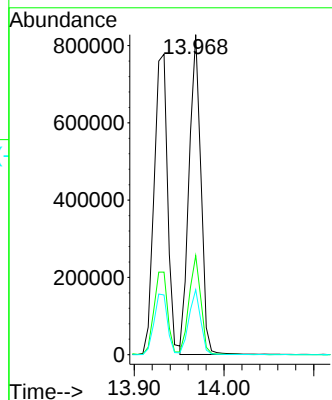
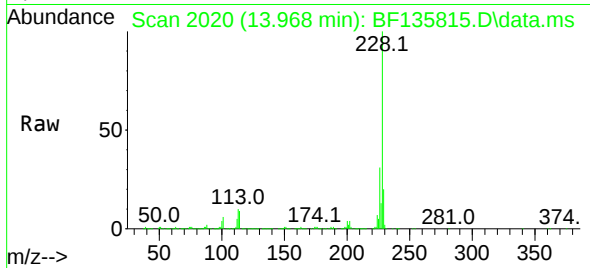
Tgt Ion:228 Resp: 758149
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.3 15.7 23.5

Manual Integrations

APPROVED

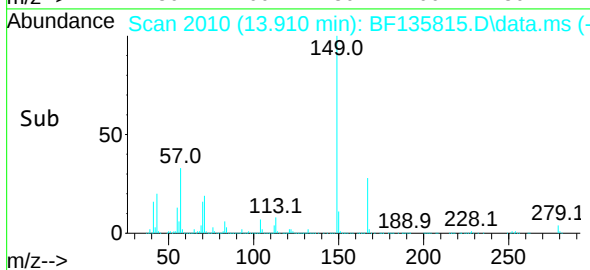
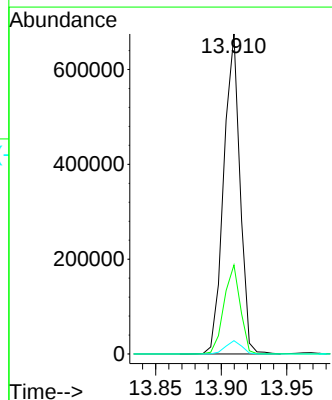
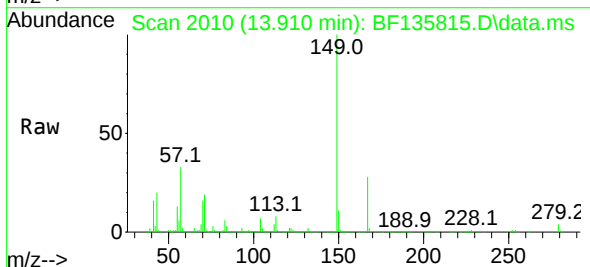
Reviewed By :Yogesh Patel 10/18/2023

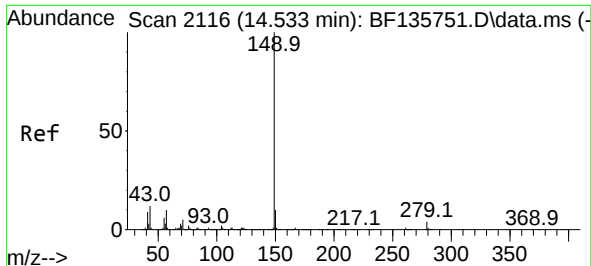
Supervised By :mohammad ahmed 10/18/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.361 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

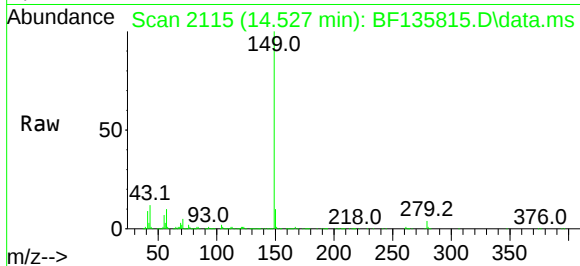
Tgt Ion:149 Resp: 580700
Ion Ratio Lower Upper
149 100
167 27.8 21.3 31.9
279 4.2 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 37.741 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

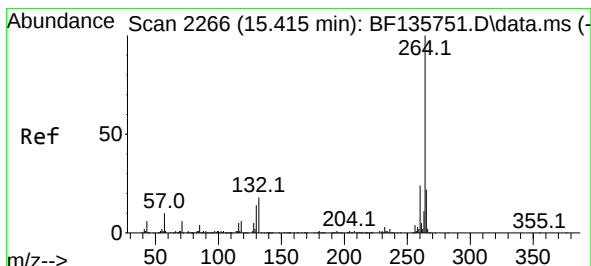
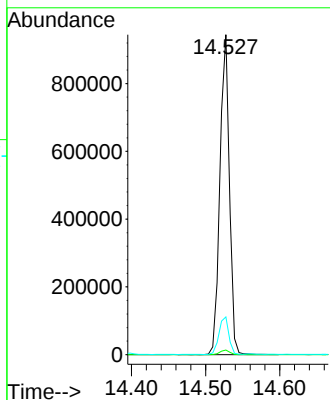
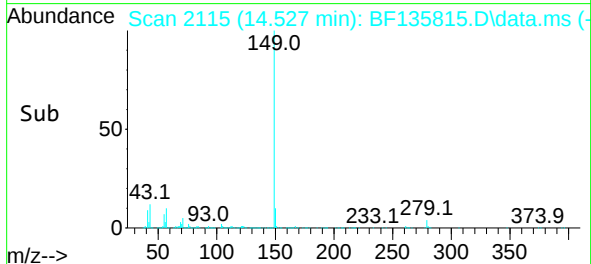
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 840233
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.3 10.1 15.1

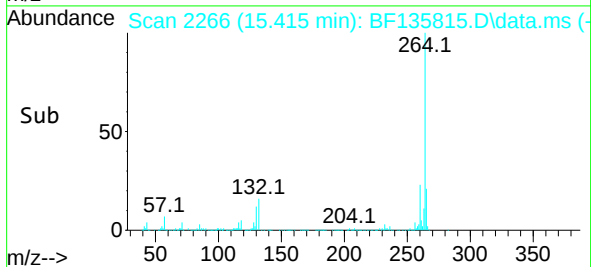
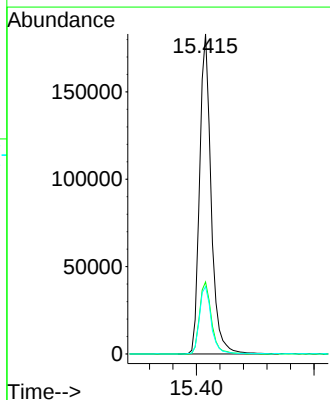
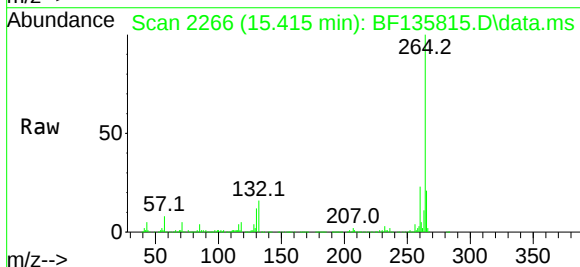
Manual Integrations
APPROVED

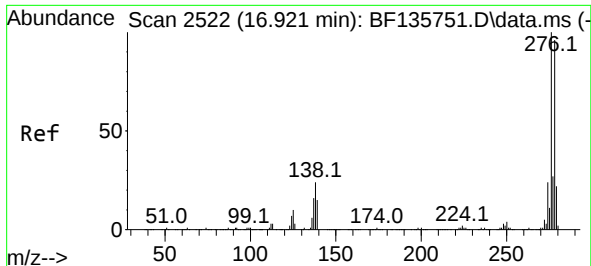
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:264 Resp: 249650
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 21.0 17.4 26.2





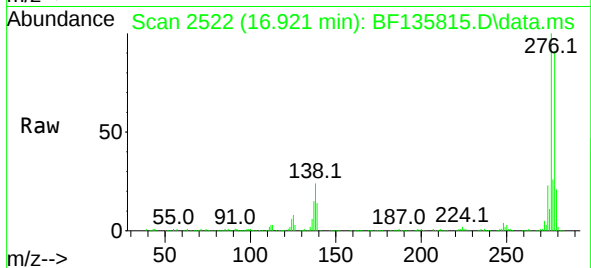
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.254 ng
RT: 16.921 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



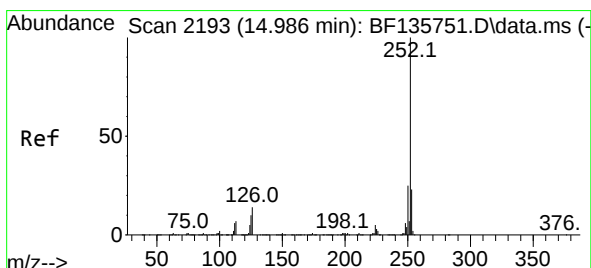
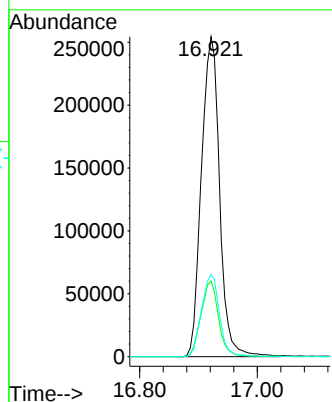
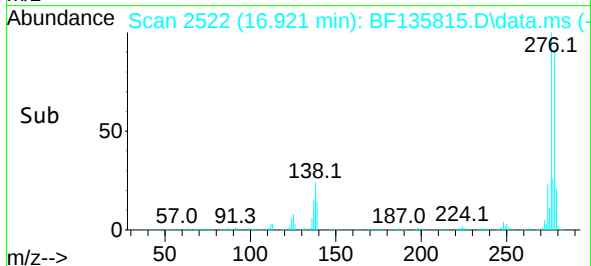
Tgt Ion:276 Resp: 547570
Ion Ratio Lower Upper
276 100
138 22.9 19.8 29.6
277 25.2 20.2 30.4

Manual Integrations

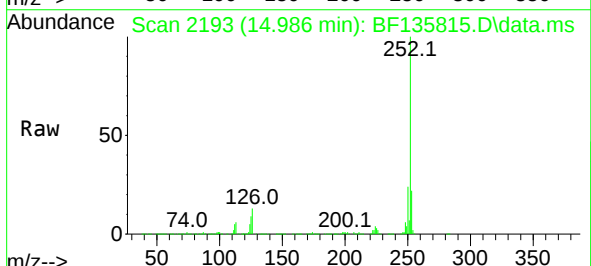
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

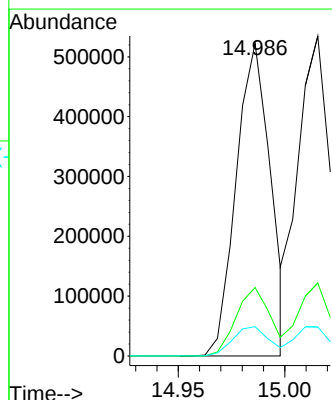
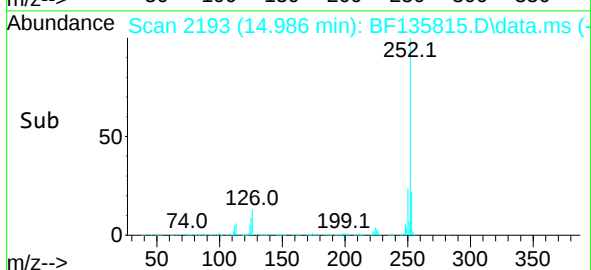
Supervised By :mohammad ahmed 10/18/2023

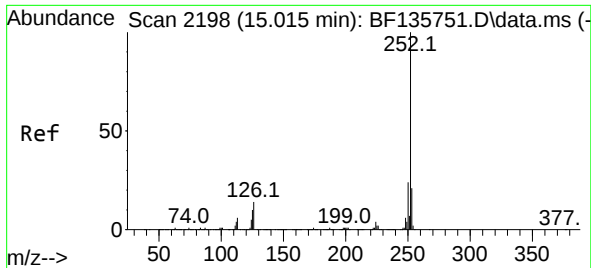


#88
Benzo(b)fluoranthene
Concen: 41.944 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:252 Resp: 586041
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 9.4 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 43.630 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

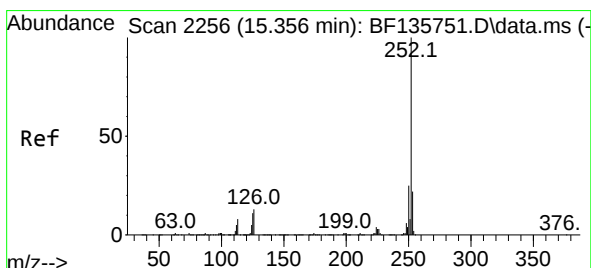
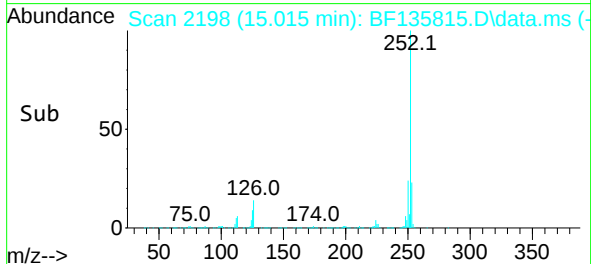
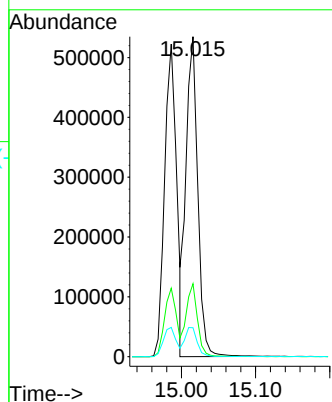
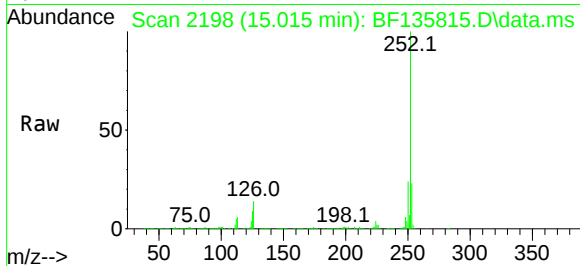
SSTDCCC040

Tgt Ion:252 Resp: 591830
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.1 8.3 12.5

Manual Integrations

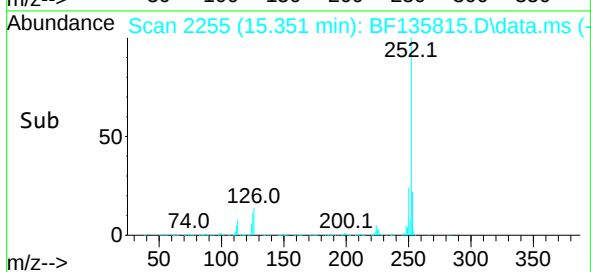
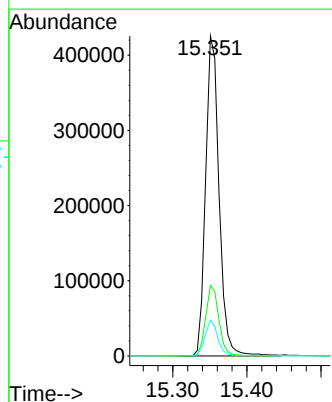
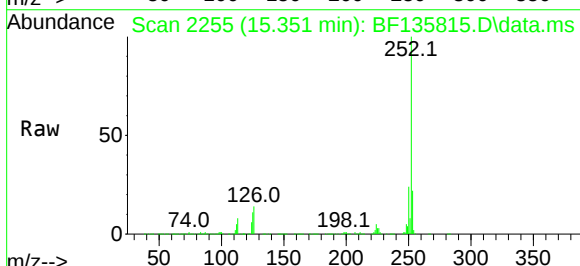
APPROVED

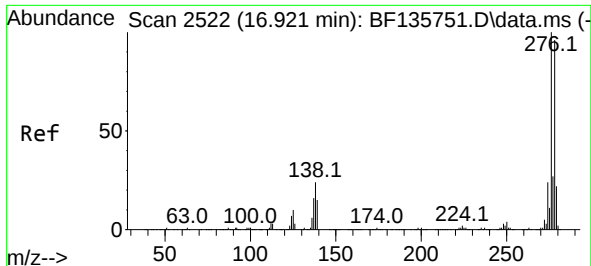
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023



#90
Benzo(a)pyrene
Concen: 40.916 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Tgt Ion:252 Resp: 537565
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.2 8.8 13.2





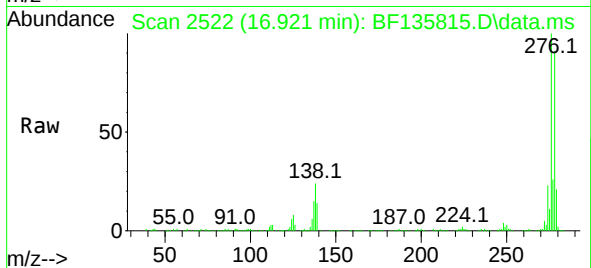
#91
Dibenzo(a,h)anthracene
Concen: 40.616 ng
RT: 16.921 min Scan# 2522
Delta R.T. -0.018 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



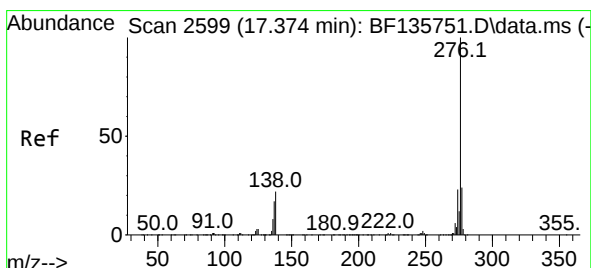
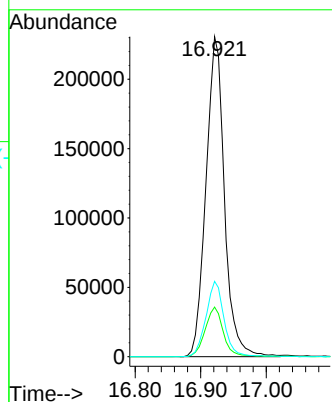
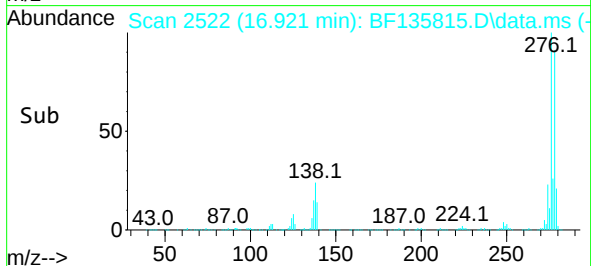
Tgt Ion:278 Resp: 452923
Ion Ratio Lower Upper
278 100
139 15.5 12.5 18.7
279 23.6 18.6 27.8

Manual Integrations

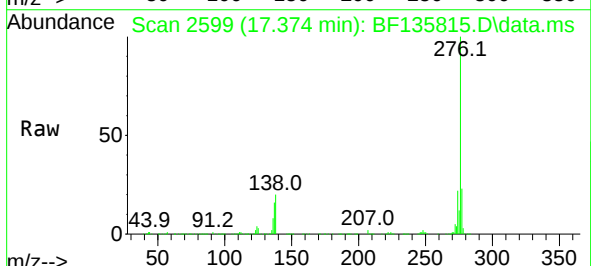
APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/18/2023



#92
Benzo(g,h,i)perylene
Concen: 40.791 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135815.D
Acq: 17 Oct 2023 16:49



Tgt Ion:276 Resp: 467243
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 20.2 17.3 25.9

